

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044407.D
 Acq On : 12 Feb 2020 13:45
 Operator : CG/JU
 Sample : PB126762BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126762BS

Manual Integrations
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mohammad
 2/13/2020 3:33:53 PM

Quant Time: Feb 13 01:13:13 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	73177	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	308932	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	210752	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	508739	20.00	ng	0.00
76) Chrysene-d12	21.53	240	460700	20.00	ng	0.00
87) Perylene-d12	24.61	264	412615	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	494490	119.26	ng	0.00
7) Phenol-d6	7.07	99	653208	117.32	ng	0.00
23) Nitrobenzene-d5	9.05	82	347752	63.55	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	291626	117.87	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	821002	65.23	ng	0.00
79) Terphenyl-d14	19.90	244	1437914	64.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	62391	33.491	ng	98
3) Pyridine	3.75	79	141232	28.455	ng	97
4) n-Nitrosodimethylamine	3.67	42	73871	35.617	ng	98
6) Aniline	7.22	93	183382	26.534	ng	99
8) 2-Chlorophenol	7.47	128	193377	42.435	ng	99
9) Benzaldehyde	7.03	77	40532	12.782	ng	98
10) Phenol	7.10	94	235841	42.799	ng	100
11) bis(2-Chloroethyl)ether	7.32	93	178693	37.931	ng	97
12) 1,3-Dichlorobenzene	7.79	146	195535	35.938	ng	98
13) 1,4-Dichlorobenzene	7.94	146	196468	36.458	ng	99
14) 1,2-Dichlorobenzene	8.26	146	190387	37.378	ng	100
15) Benzyl Alcohol	8.14	79	157255	39.892	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	234106	36.715	ng	100
17) 2-Methylphenol	8.35	107	163727	41.644	ng	99
18) Hexachloroethane	8.98	117	73229	36.213	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	137245	36.985	ng	98
20) 3+4-Methylphenols	8.68	107	226322	41.770	ng	99
22) Acetophenone	8.72	105	265784	35.365	ng	97
24) Nitrobenzene	9.10	77	200049	37.448	ng	98
25) Isophorone	9.62	82	378147	37.076	ng	99
26) 2-Nitrophenol	9.81	139	108675	39.205	ng	98
27) 2,4-Dimethylphenol	9.88	122	182886	46.739	ng	100
28) bis(2-Chloroethoxy)methane	10.11	93	245133	36.029	ng	100
29) 2,4-Dichlorophenol	10.35	162	192717	40.732	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	195514	36.038	ng	99
31) Naphthalene	10.75	128	574783	38.348	ng	99
32) Benzoic acid	10.04	122	61175	30.899	ng	92
33) 4-Chloroaniline	10.86	127	144993	21.270	ng	99
34) Hexachlorobutadiene	11.05	225	115138	34.490	ng	99
35) Caprolactam	11.62	113	74519m	42.996	ng	
36) 4-Chloro-3-methylphenol	11.99	107	205106	41.347	ng	99
37) 2-Methylnaphthalene	12.36	142	433400	38.945	ng	100
38) 1-Methylnaphthalene	12.58	142	410125	39.090	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	214096	33.960	ng	99

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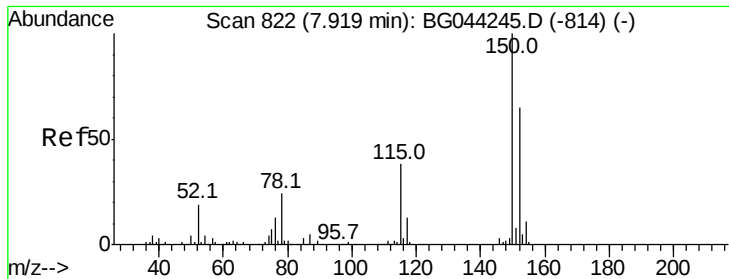
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	166020	54.883	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	155425	38.142	ng	95
44) 2,4,5-Trichlorophenol	13.05	196	172049	41.337	ng	98
46) 1,1'-Biphenyl	13.37	154	554906	36.503	ng	98
47) 2-Chloronaphthalene	13.41	162	432503	35.753	ng	99
48) 2-Nitroaniline	13.61	65	132496	37.114	ng	98
49) Acenaphthylene	14.26	152	694499	39.143	ng	100
50) Dimethylphthalate	14.00	163	581614	38.392	ng	99
51) 2,6-Dinitrotoluene	14.11	165	132434	39.207	ng	98
52) Acenaphthene	14.61	154	424630	36.923	ng	99
53) 3-Nitroaniline	14.44	138	103567	27.714	ng	97
54) 2,4-Dinitrophenol	14.65	184	141832	71.734	ng	97
55) Dibenzofuran	14.94	168	682694	39.208	ng	99
56) 4-Nitrophenol	14.77	139	254294	92.896	ng	98
57) 2,4-Dinitrotoluene	14.90	165	191770	40.507	ng	98
58) Fluorene	15.59	166	549475	40.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	163401	43.464	ng	99
60) Diethylphthalate	15.36	149	598261	39.632	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	282205	37.951	ng	99
62) 4-Nitroaniline	15.61	138	143765	38.500	ng	96
63) Azobenzene	15.88	77	531641	40.185	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	114907	40.918	ng	100
66) n-Nitrosodiphenylamine	15.80	169	518626	36.377	ng	100
67) 4-Bromophenyl-phenylether	16.47	248	194164	35.031	ng	97
68) Hexachlorobenzene	16.60	284	215632	34.725	ng	98
69) Atrazine	16.75	200	197356	40.387	ng	100
70) Pentachlorophenol	16.94	266	230636	73.706	ng	98
71) Phenanthrene	17.33	178	939470	38.136	ng	99
72) Anthracene	17.42	178	948363	38.938	ng	98
73) Carbazole	17.69	167	883859	39.365	ng	99
74) Di-n-butylphthalate	18.26	149	1087157	39.182	ng	98
75) Fluoranthene	19.34	202	1136097	39.866	ng	100
77) Benzidine	19.52	184	272294	21.308	ng	99
78) Pyrene	19.70	202	1147106	38.772	ng	99
80) Butylbenzylphthalate	20.59	149	490794	36.402	ng	97
81) Benzo(a)anthracene	21.51	228	1085846	38.243	ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	335817	30.474	ng	99
83) Chrysene	21.57	228	1039485	37.875	ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	695243	37.463	ng	99
85) Di-n-octyl phthalate	22.60	149	1213444	37.791	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1313862	36.694	ng	100
88) Benzo(b)fluoranthene	23.64	252	1145394	48.174	ng	99
89) Benzo(k)fluoranthene	23.71	252	1123145	48.467	ng	99
90) Benzo(a)pyrene	24.47	252	1045757	46.519	ng	100
91) Dibenzo(a,h)anthracene	28.17	278	1097549	49.332	ng	98
92) Benzo(g,h,i)perylene	29.20	276	1115529	50.087	ng	99

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



#1

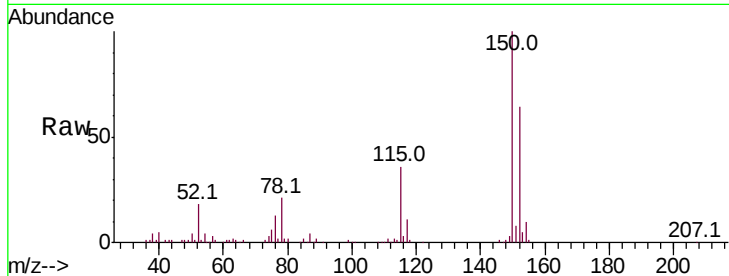
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.6	183.8
115	56.6	46.0	69.0

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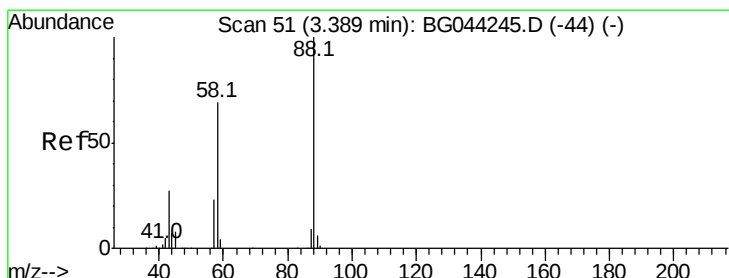
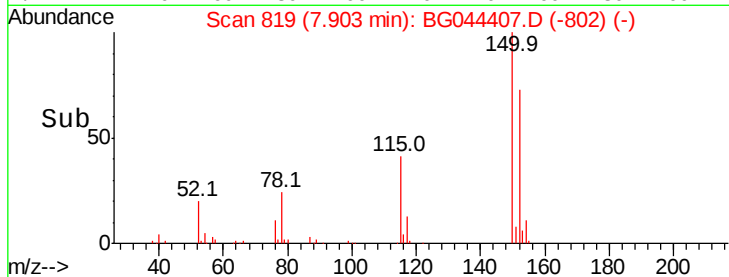
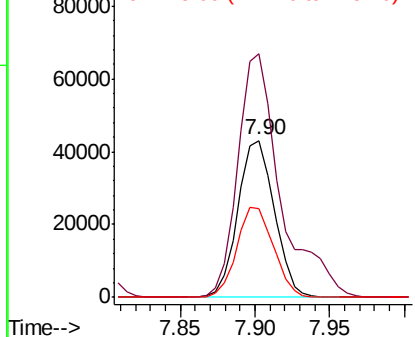


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

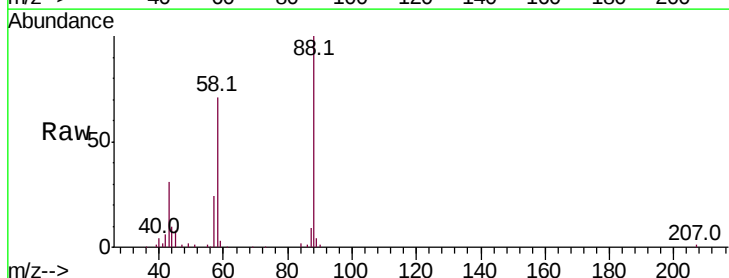
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.491 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	55.8	83.6
43	30.2	21.6	32.4

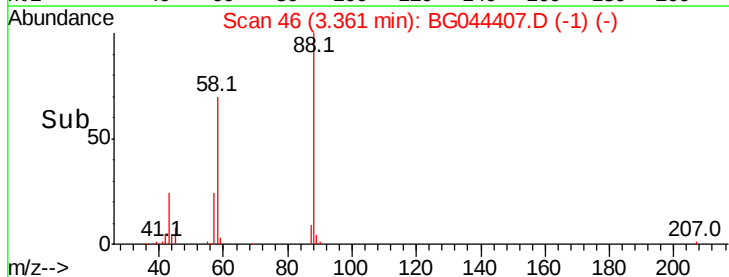
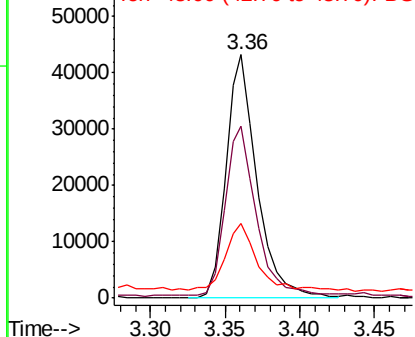


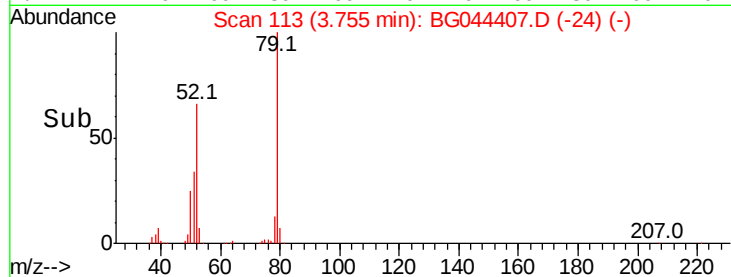
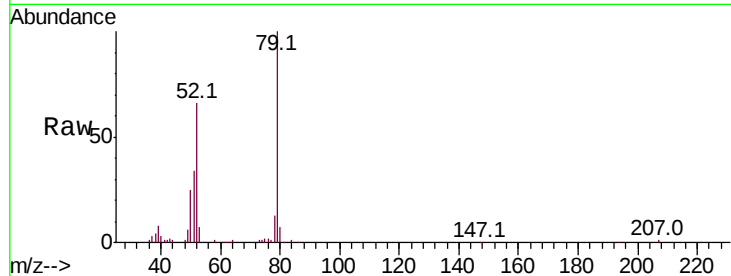
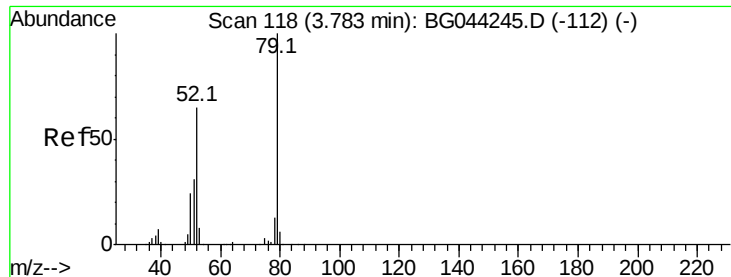
Abundance

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





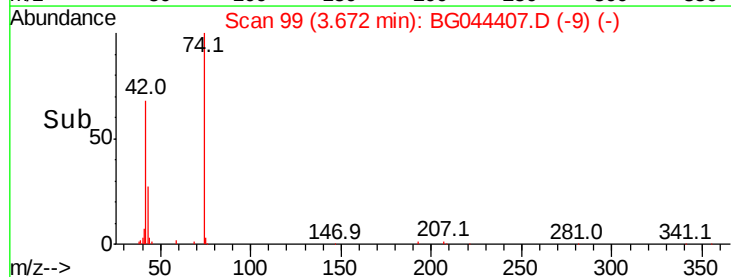
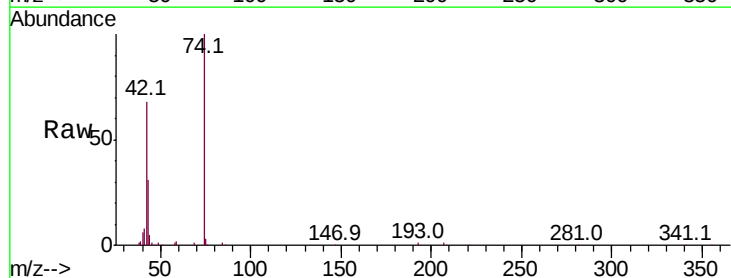
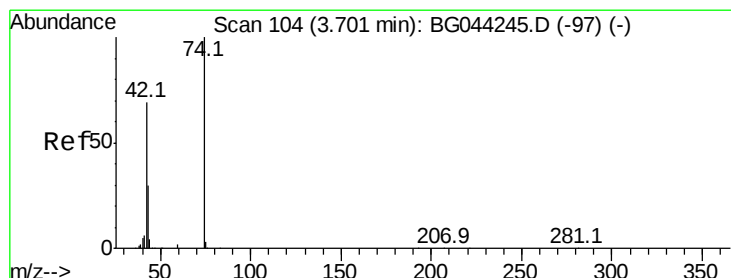
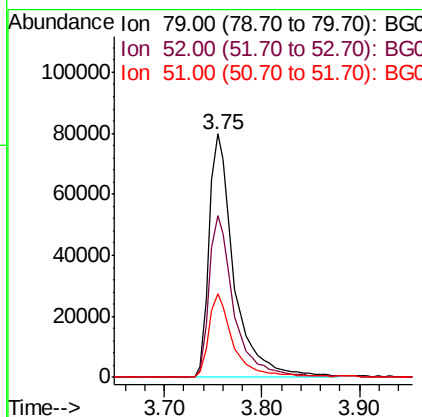
#3
Pvridine
Concen: 28.455 ng
RT: 3.75 min Scan# 113
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.3	51.9	77.9
51	34.2	25.3	37.9

Instrument :
BNA_G
ClientSampled :
PB126762BS

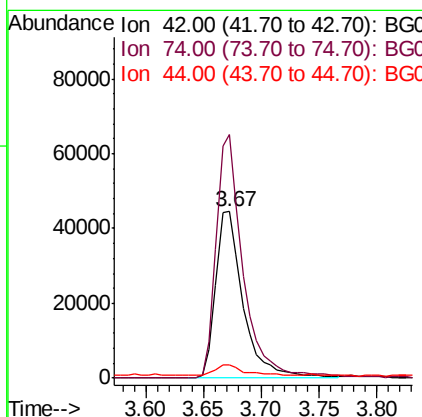
Manual Integrations
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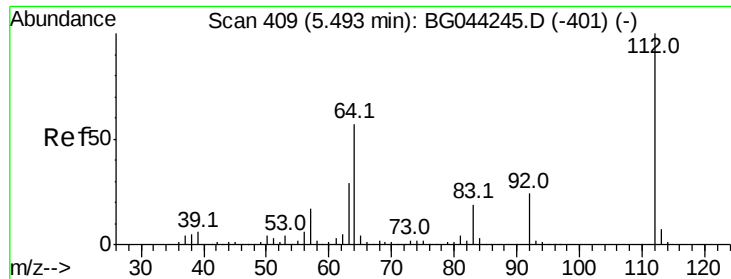
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#4
n-Nitrosodimethylamine
Concen: 35.617 ng
RT: 3.67 min Scan# 99
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.4	115.1	172.7
44	7.8	5.6	8.4





#5

2-Fluorophenol

Concen: 119.258 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

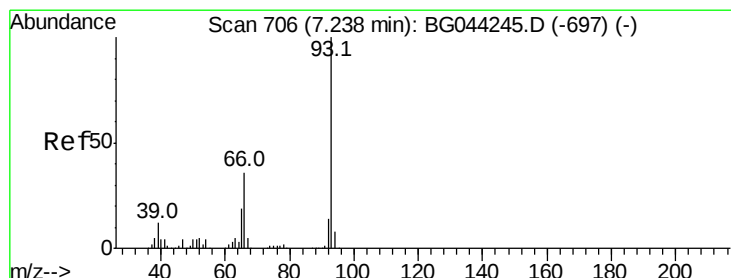
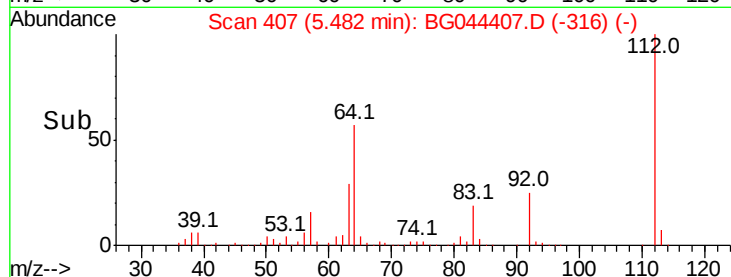
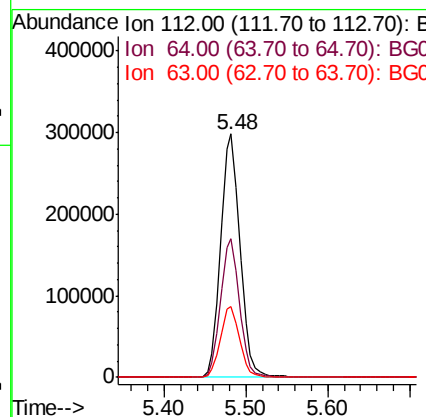
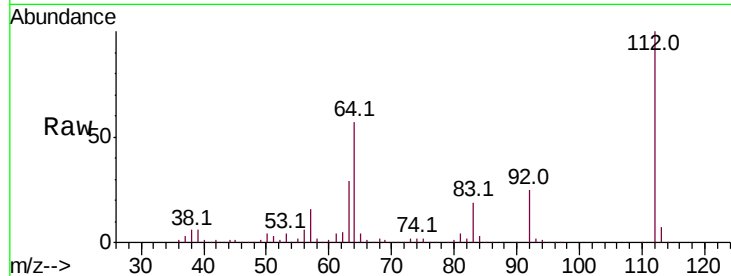
ClientSampleId :

PB126762BS

Tot Ion:	112	Resp:	494490
Ion Ratio	Lower	Upper	
112	100		
64	56.7	45.4	68.2
63	29.0	22.9	34.3

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#6

Aniline

Concen: 26.534 ng

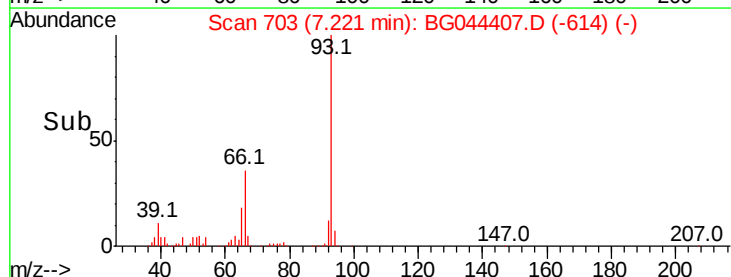
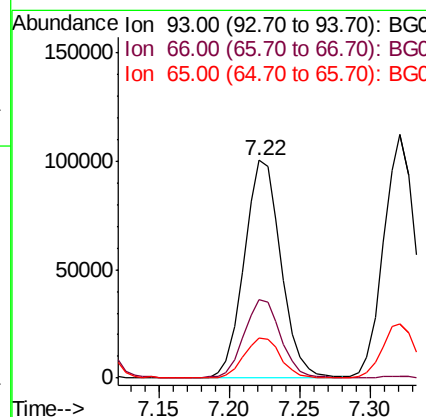
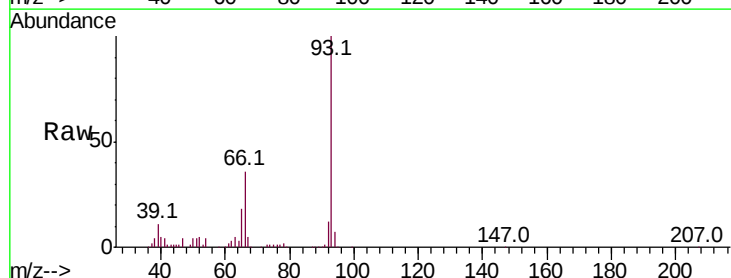
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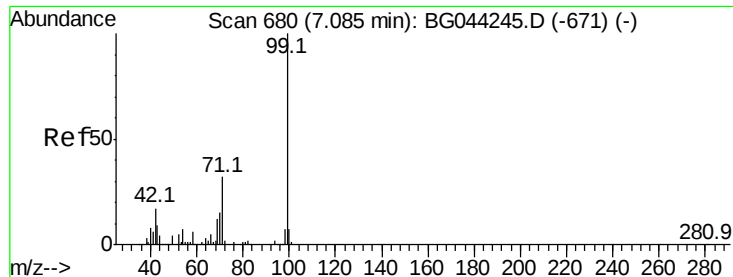
Delta R.T. -0.01 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion:	93	Resp:	183382
Ion Ratio	Lower	Upper	
93	100		
66	36.0	28.7	43.1
65	18.4	15.4	23.0





#7

Phenol-d6

Concen: 117.315 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

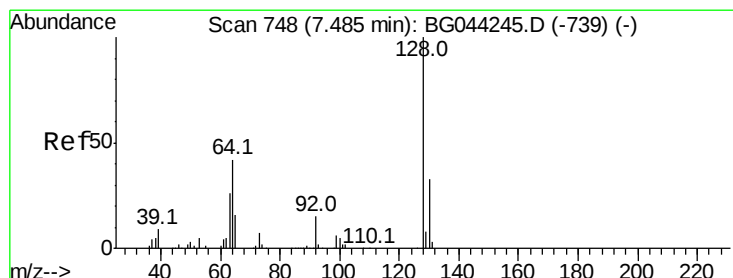
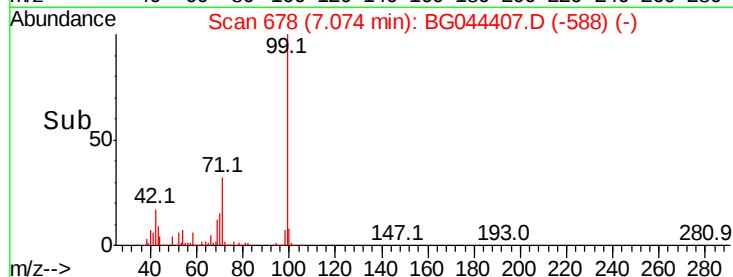
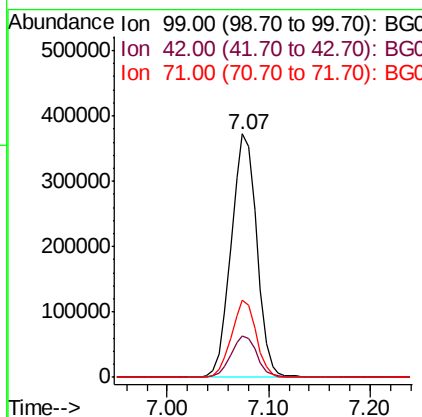
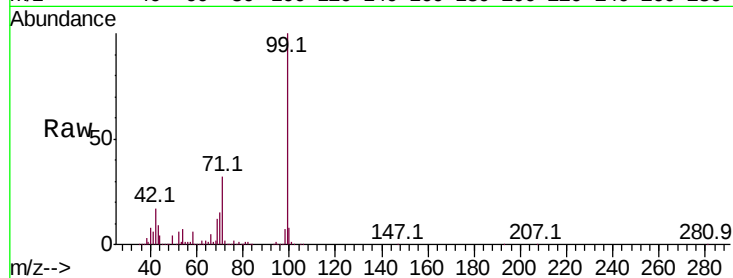
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		653208		
42	17.0	13.8	20.6		
71	31.5	25.5	38.3		

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#8

2-Chlorophenol

Concen: 42.435 ng

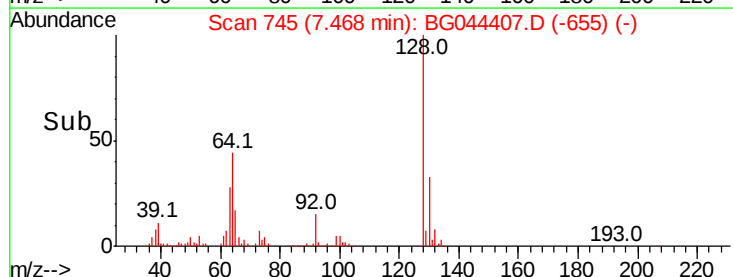
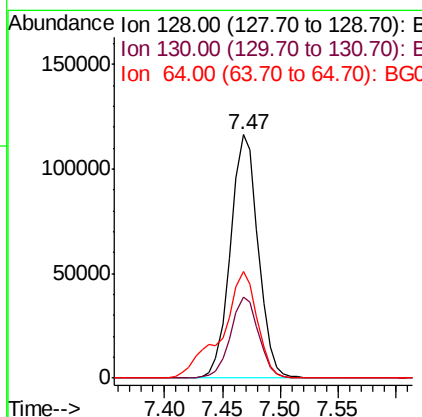
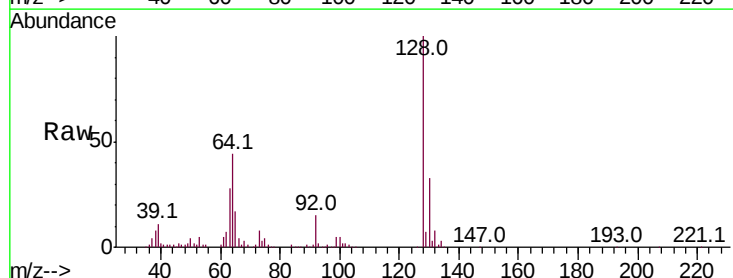
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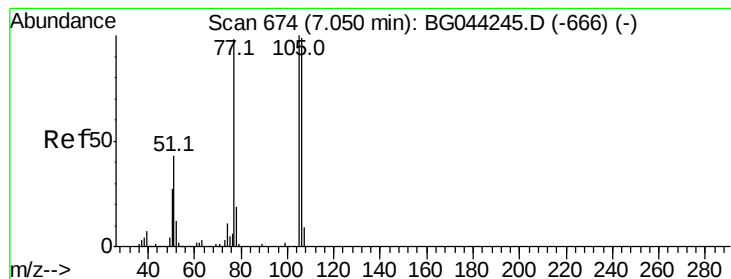
Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		193377		
130	33.4	12.5	52.5		
64	43.9	24.2	64.2		





#9

Benzaldehyde

Concen: 12.782 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

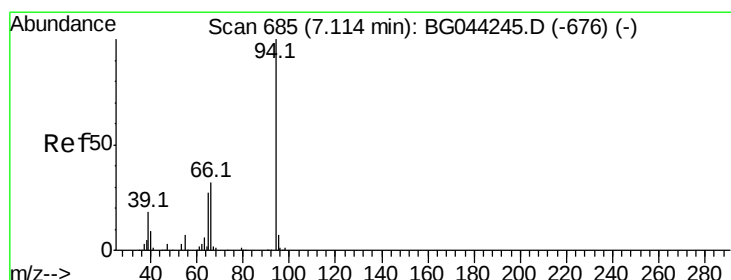
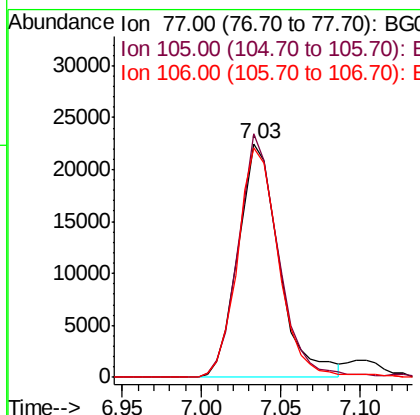
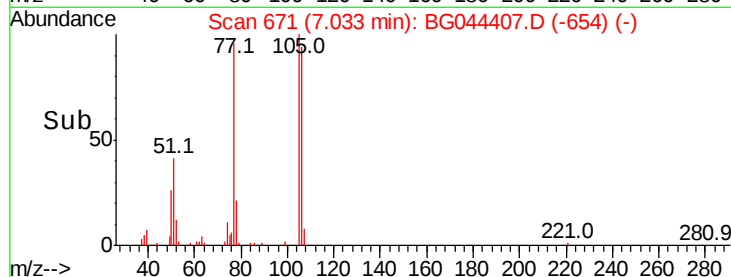
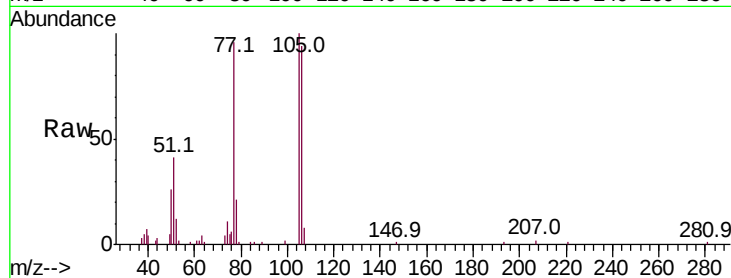
ClientSampleId :

PB126762BS

Tot Ion:	77	Resp:	40532
Ion	Ratio	Lower	Upper
77	100		
105	104.0	82.0	122.0
106	98.0	80.7	120.7

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#10

Phenol

Concen: 42.799 ng

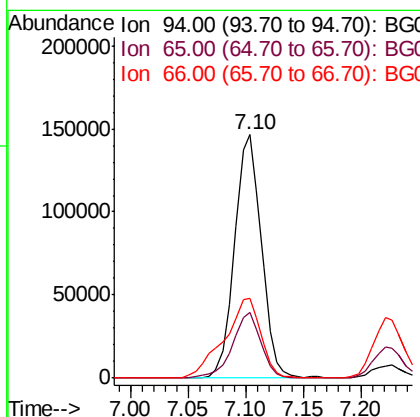
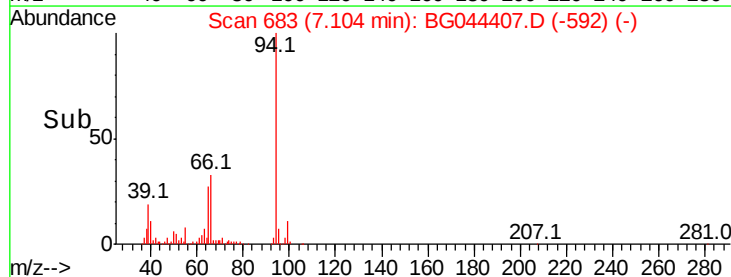
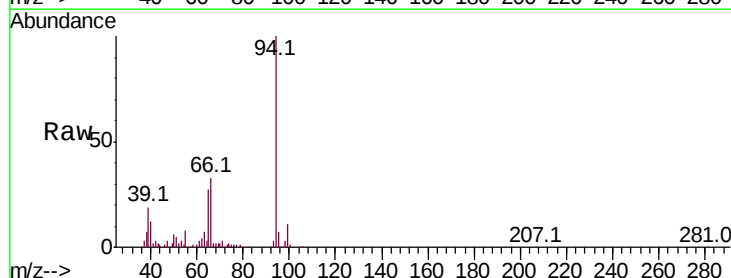
RT: 7.10 min Scan# 683

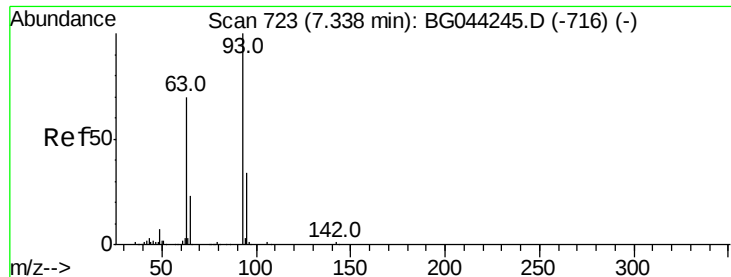
Delta R.T. 0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion:	94	Resp:	235841
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.0	47.0
66	32.9	12.7	52.7





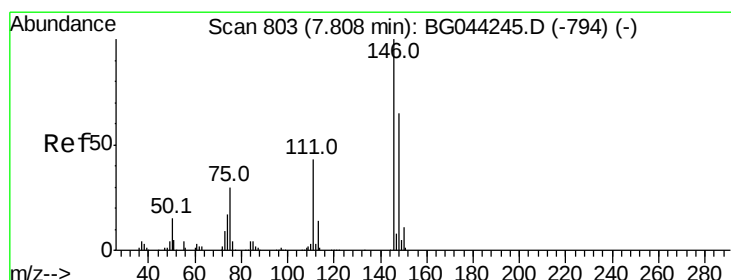
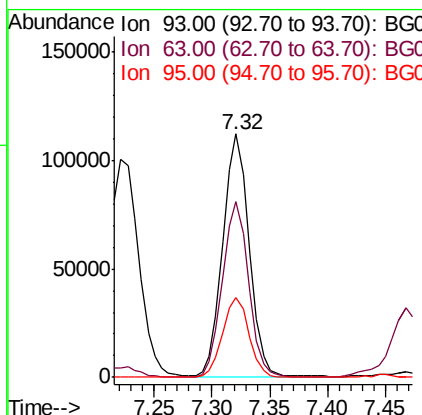
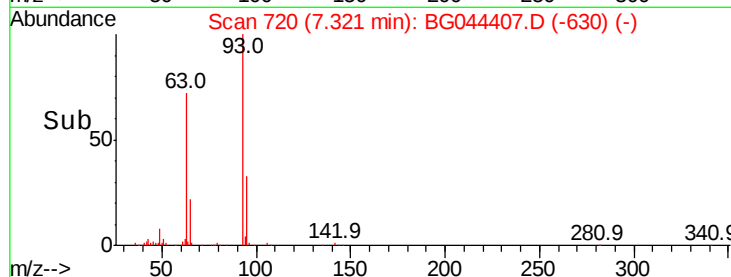
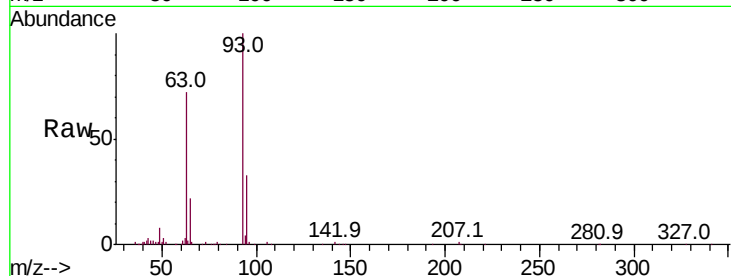
#11
bis(2-Chloroethyl)ether
Concen: 37.931 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.4	49.2	89.2	
95	32.6	13.6	53.6	

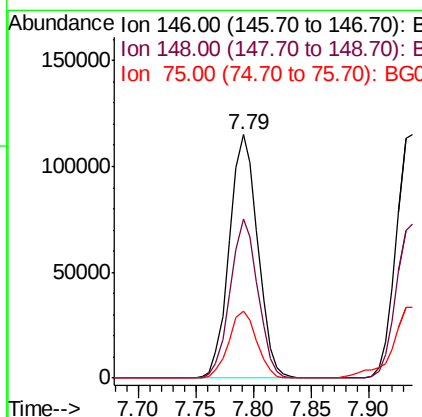
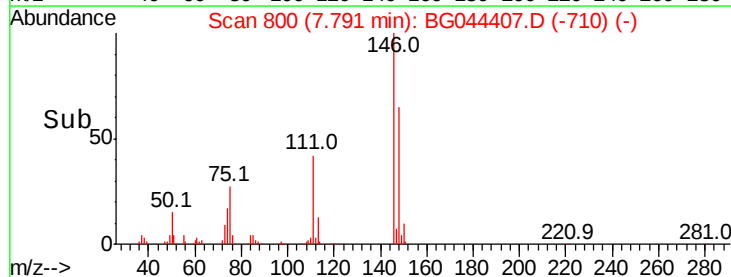
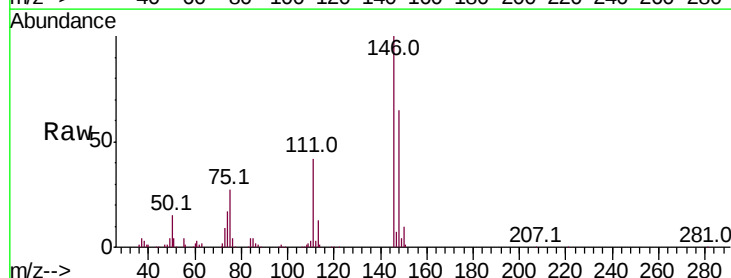
Manual Integrations
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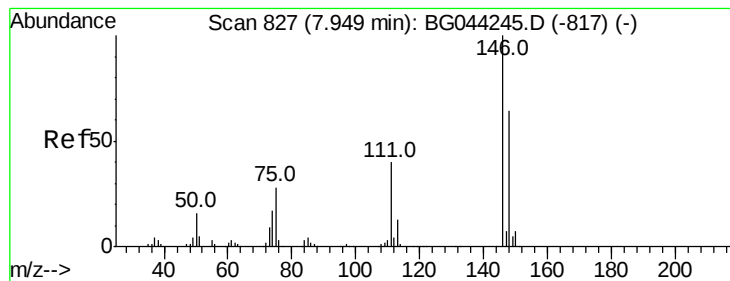
mohammad
2/13/2020 3:33:53 PM



#12
1,3-Dichlorobenzene
Concen: 35.938 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.4	51.8	77.8	
75	27.5	23.7	35.5	





#13

1,4-Dichlorobenzene

Concen: 36.458 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

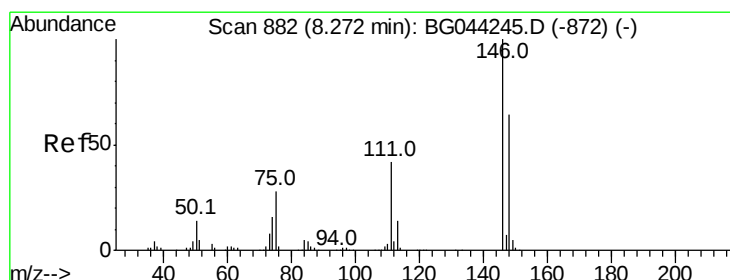
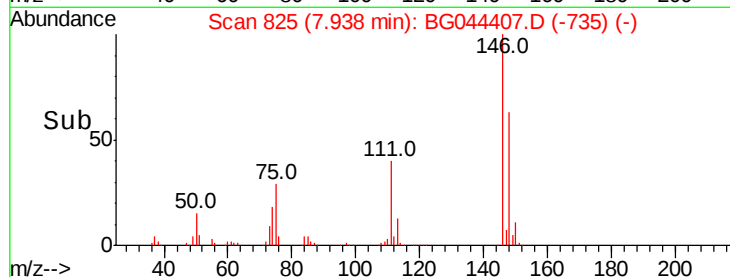
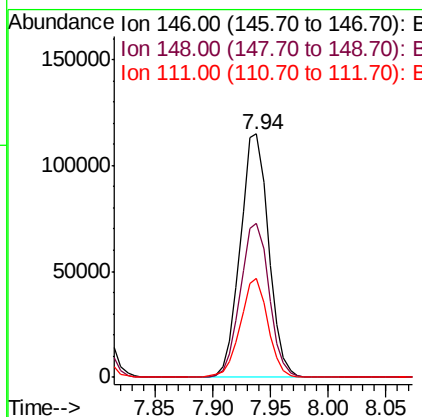
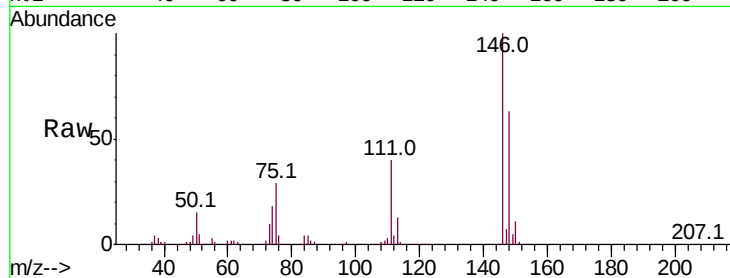
ClientSampleId :

PB126762BS

Tot Ion:	146	Resp:	196468
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.0
111	40.5	31.8	47.8

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#14

1,2-Dichlorobenzene

Concen: 37.378 ng

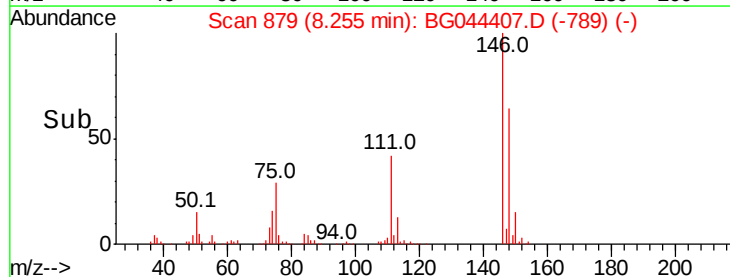
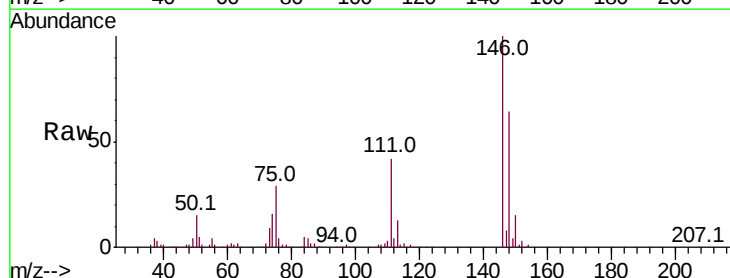
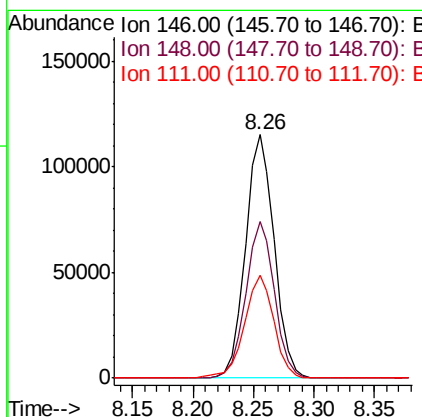
RT: 8.26 min Scan# 879

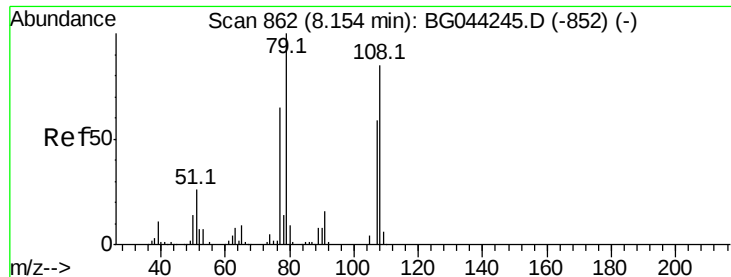
Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion:	146	Resp:	190387
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.2	76.8
111	42.1	34.0	51.0





#15

Benzyl Alcohol

Concen: 39.892 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

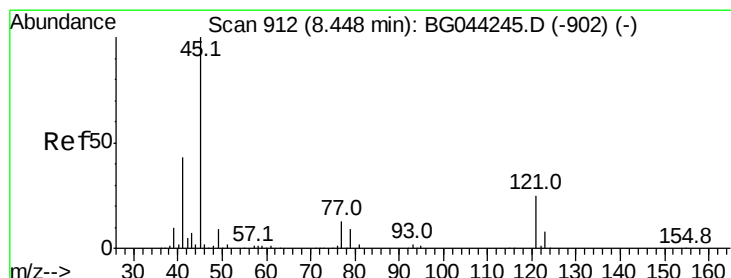
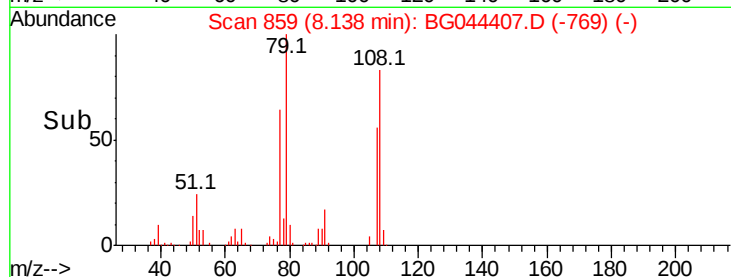
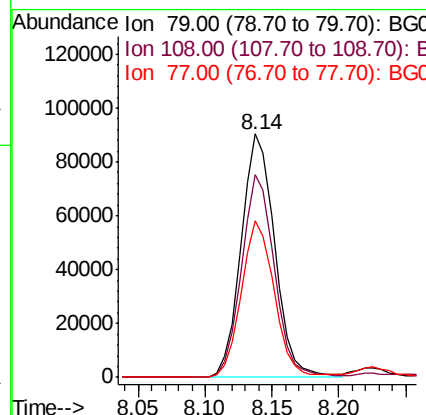
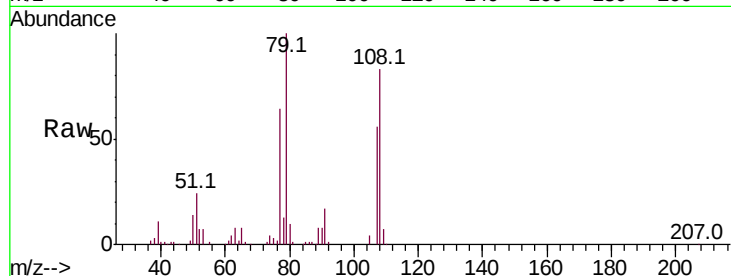
ClientSampleId :

PB126762BS

Tot Ion:	79	Resp:	157255
Ion Ratio	Lower	Upper	
79	100		
108	83.1	68.3	102.5
77	64.5	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.715 ng

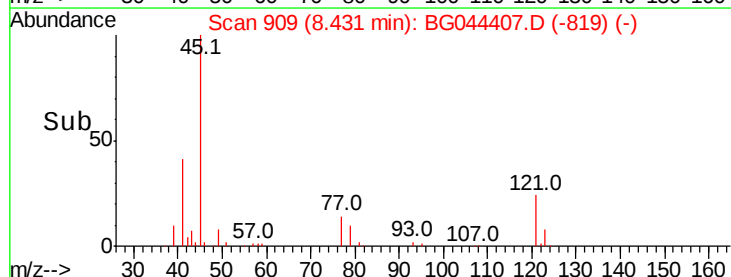
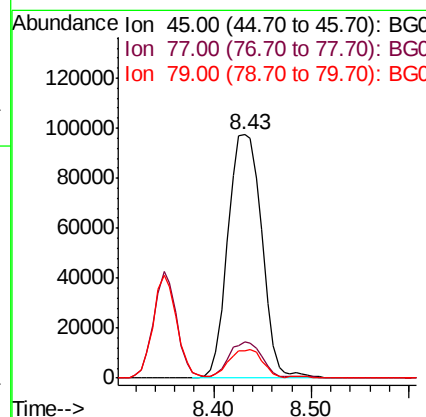
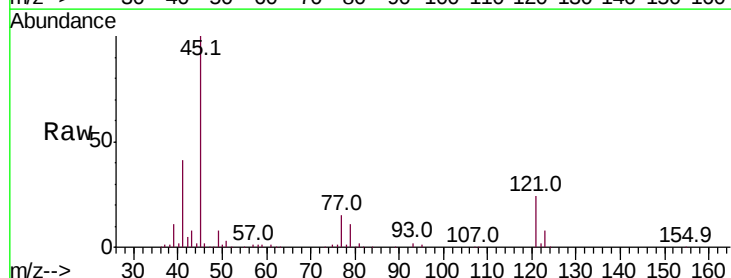
RT: 8.43 min Scan# 909

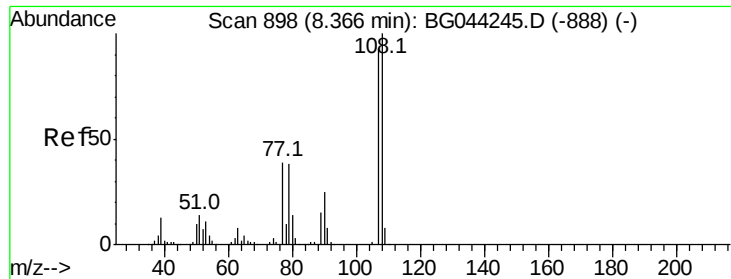
Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion:	45	Resp:	234106
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	35.2
79	11.3	0.0	31.1





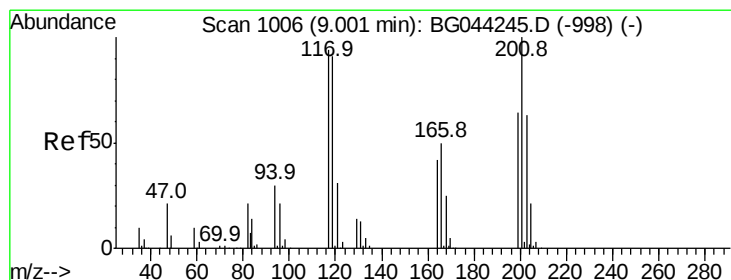
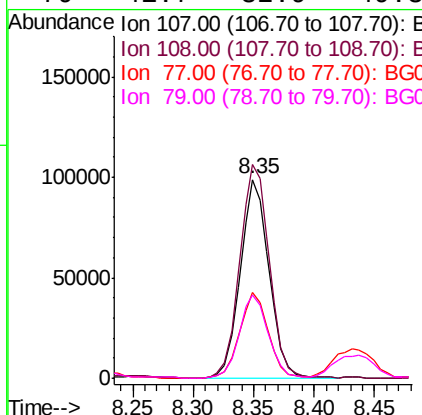
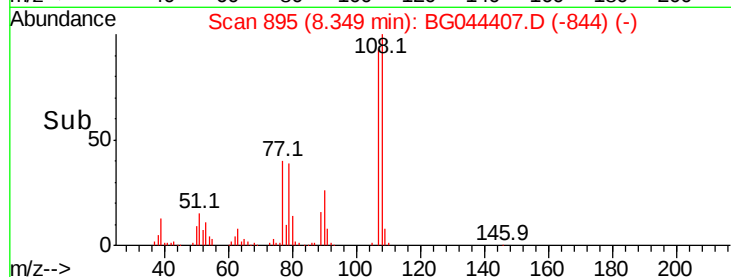
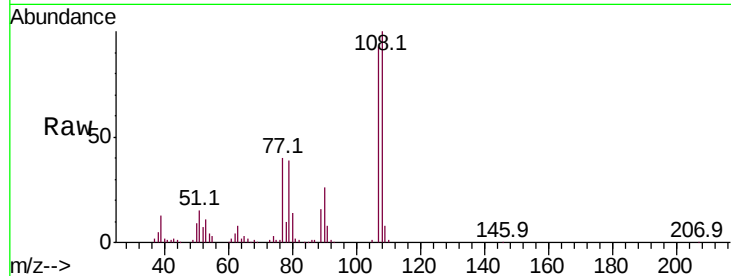
#17
2-Methylphenol
Concen: 41.644 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.5	86.4	129.6	
77	43.1	34.0	51.0	
79	41.7	32.9	49.3	

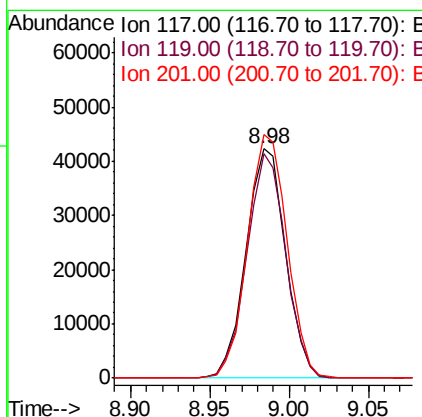
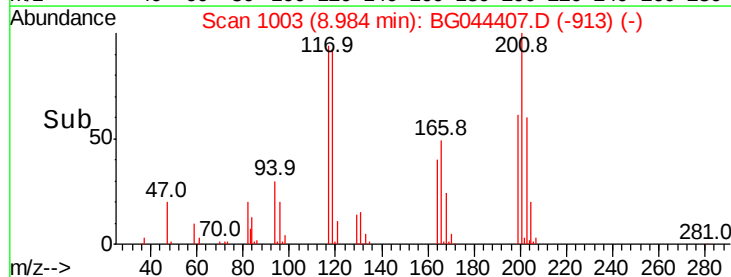
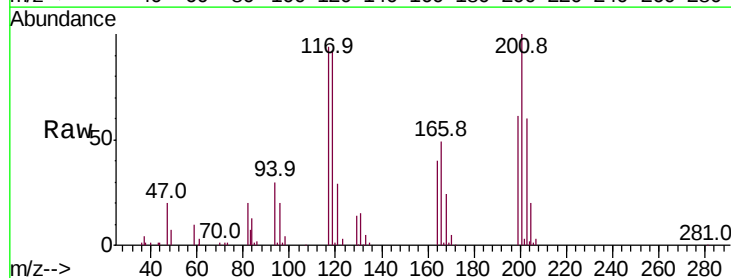
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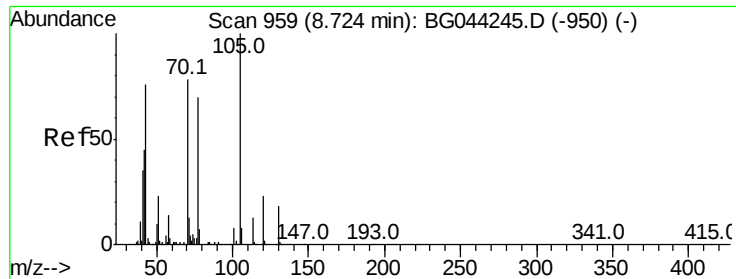
mohammad
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#18
Hexachloroethane
Concen: 36.213 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	77.5	116.3	
201	106.3	84.9	127.3	





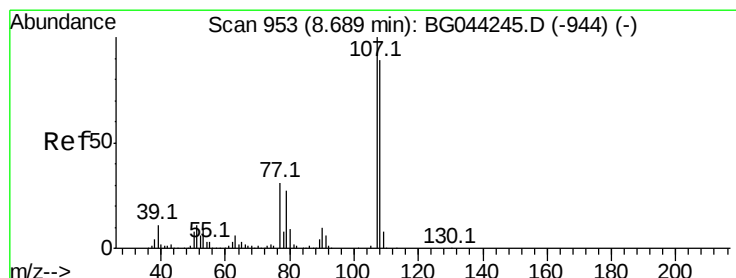
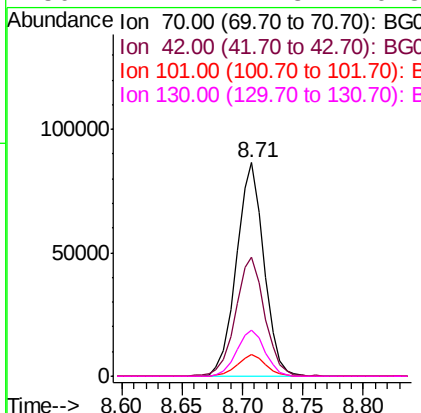
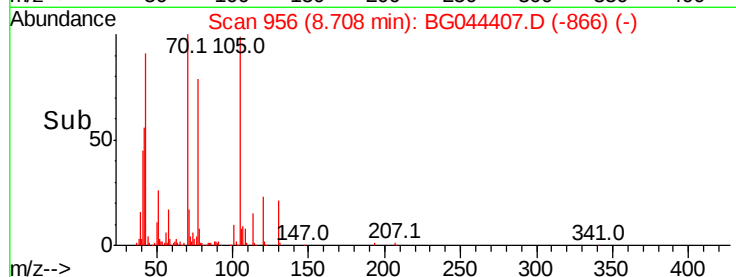
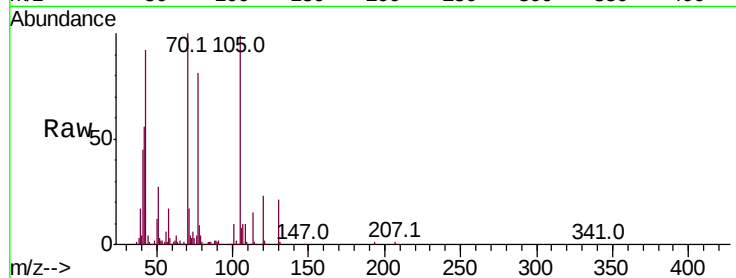
#19
n-Nitroso-di-n-propylamine
Concen: 36.985 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampled :
PB126762BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.5	46.2	69.2		
101	10.1	8.4	12.6		
130	21.4	17.8	26.8		

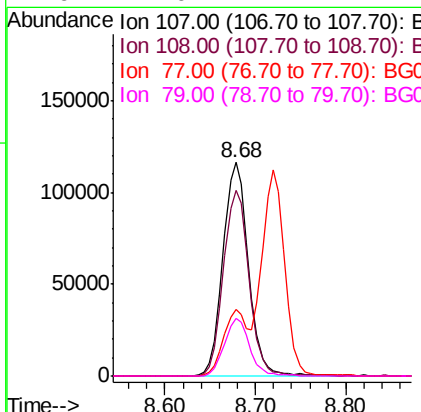
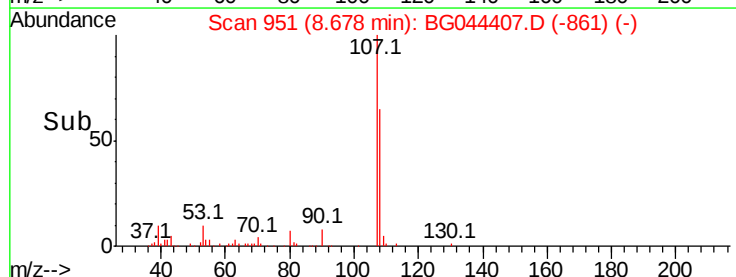
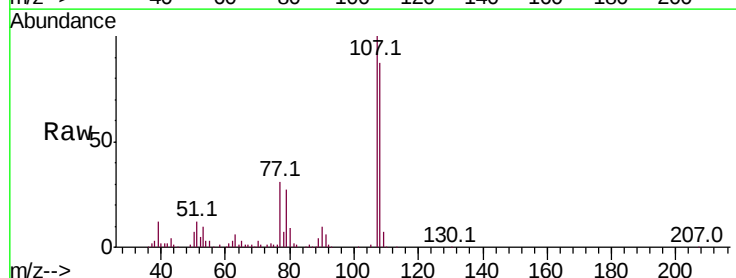
Manual Integrations
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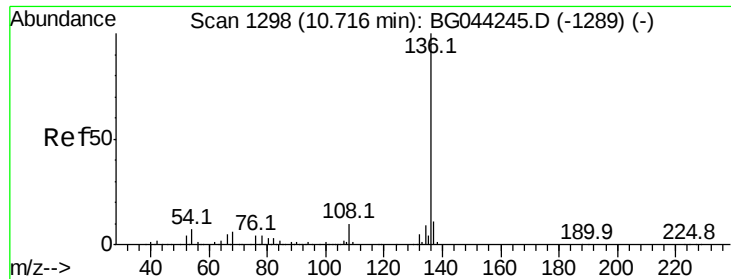
mohammad
2/13/2020 3:33:53 PM



#20
3+4-Methylphenols
Concen: 41.770 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.9	68.5	108.5		
77	31.1	10.9	50.9		
79	27.0	7.1	47.1		





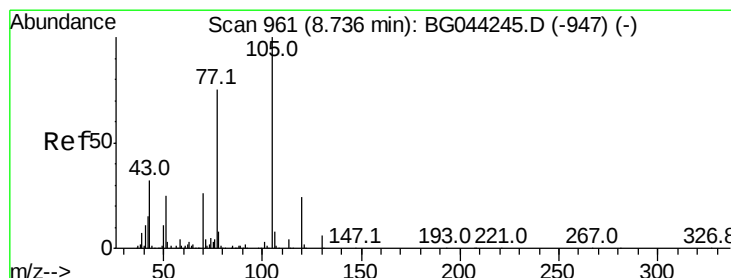
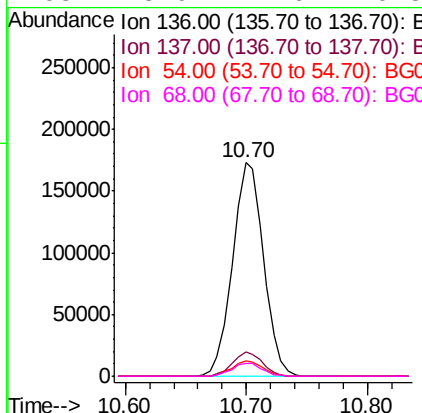
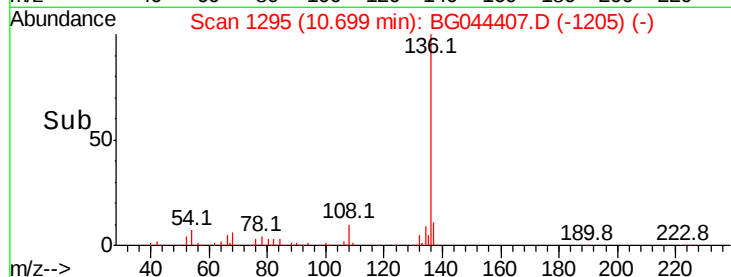
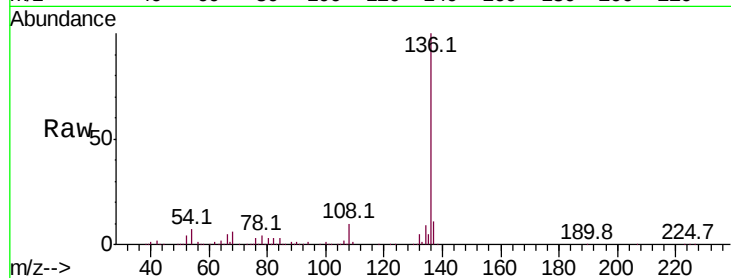
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	7.3	5.8	8.8	
68	5.9	4.6	6.8	

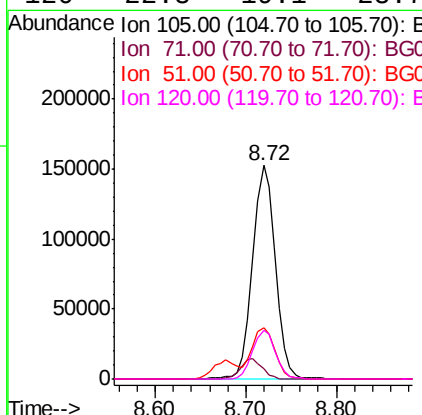
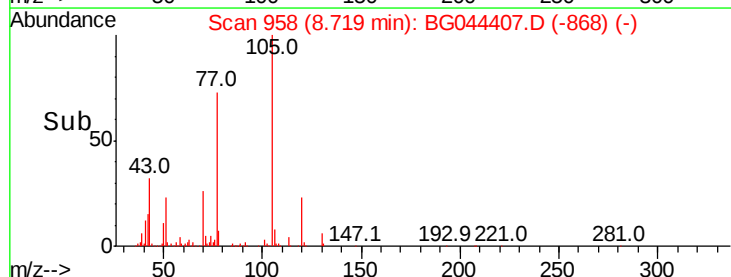
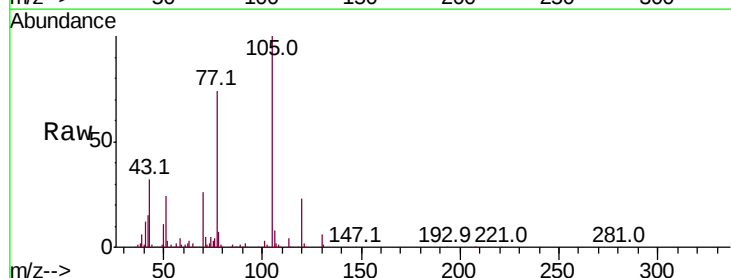
Manual Integrations
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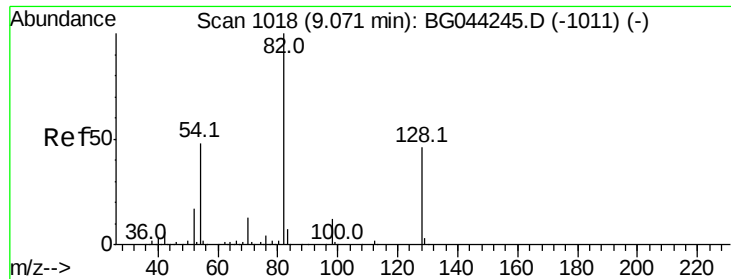
mohammad
2/13/2020 3:33:53 PM



#22
Acetophenone
Concen: 35.365 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.8	3.4	5.0	
51	23.7	20.2	30.4	
120	22.8	19.1	28.7	





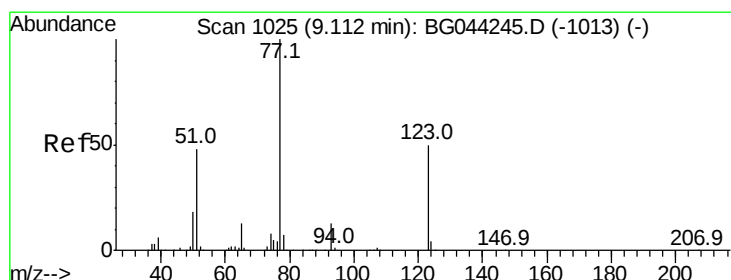
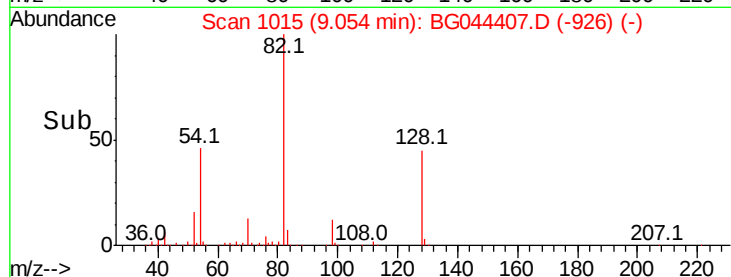
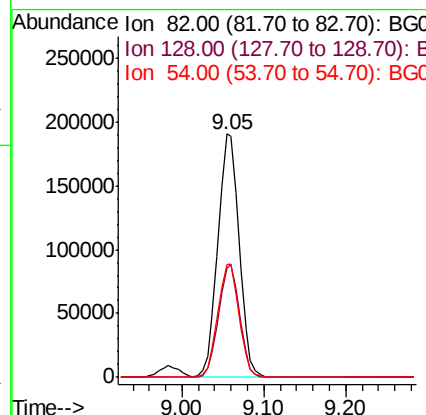
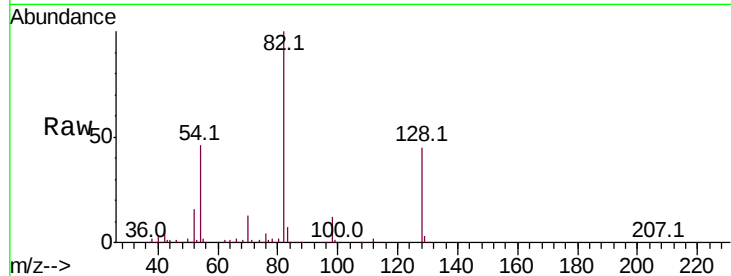
#23
Nitrobenzene-d5
Concen: 63.551 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.5	54.7
54	46.5	38.6	58.0

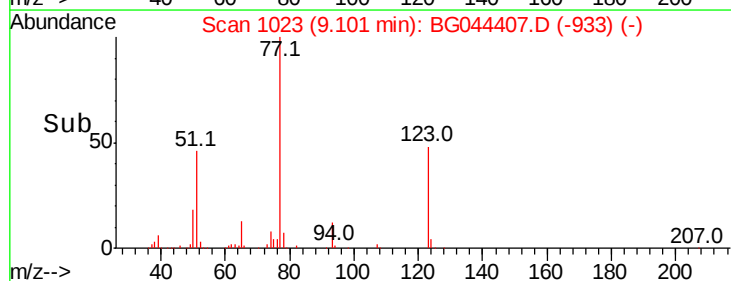
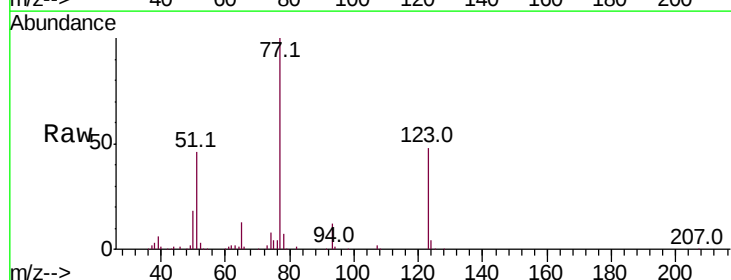
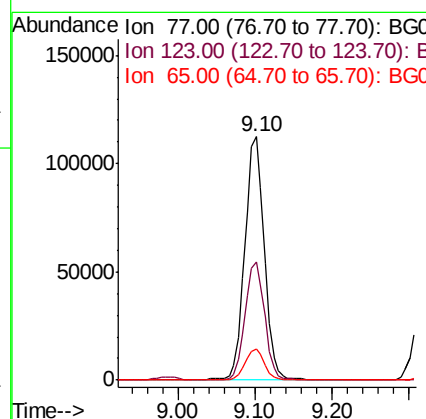
Manual Integrations
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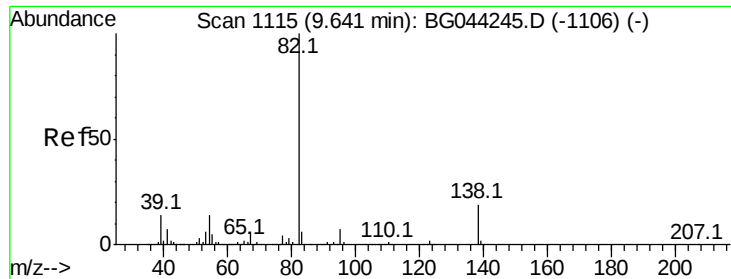
mohammad
2/13/2020 3:33:53 PM



#24
Nitrobenzene
Concen: 37.448 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	39.9	59.9
65	12.7	10.4	15.6





#25

Isophorone

Concen: 37.076 ng

RT: 9.62 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

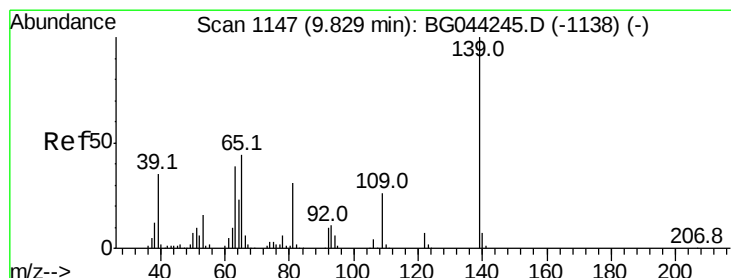
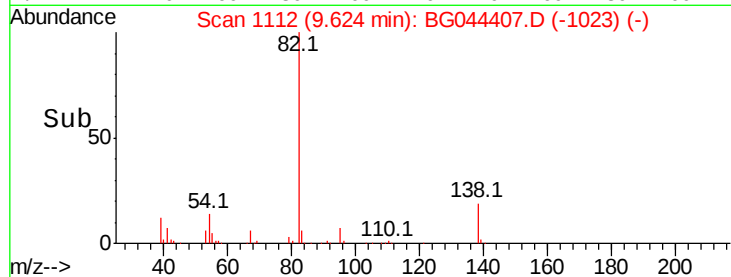
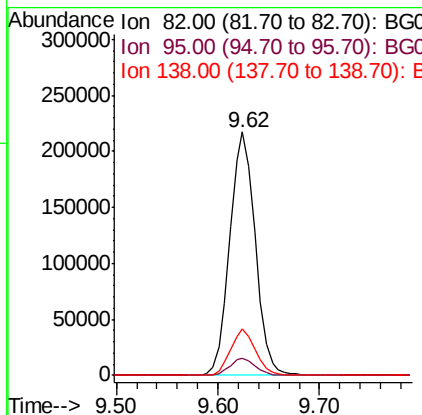
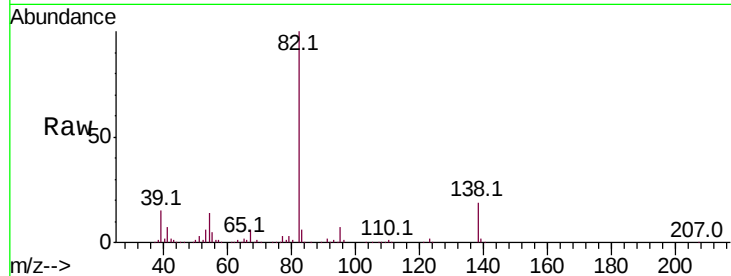
ClientSampleId :

PB126762BS

Tot Ion:	82	Resp:	378147
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	19.3	15.0	22.4

Manual Integrations
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2/13/2020 3:33:53 PM



#26

2-Nitrophenol

Concen: 39.205 ng

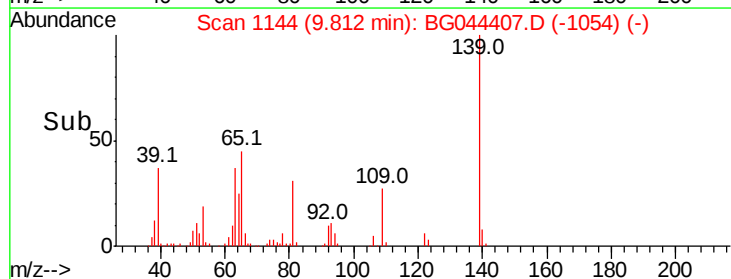
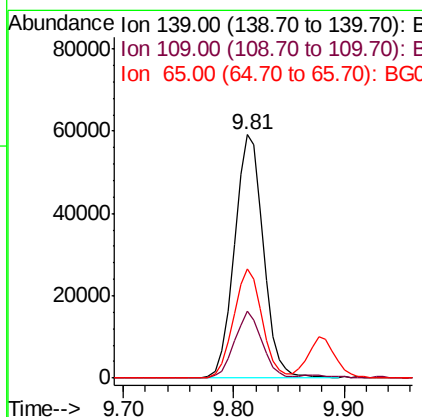
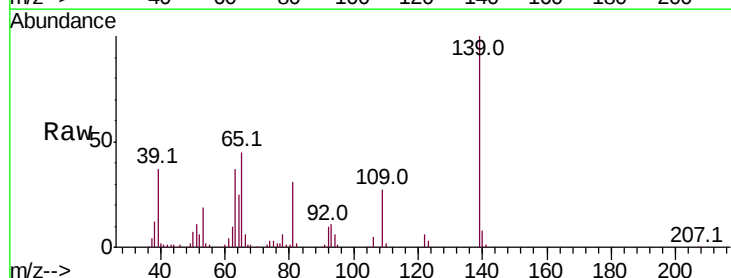
RT: 9.81 min Scan# 1144

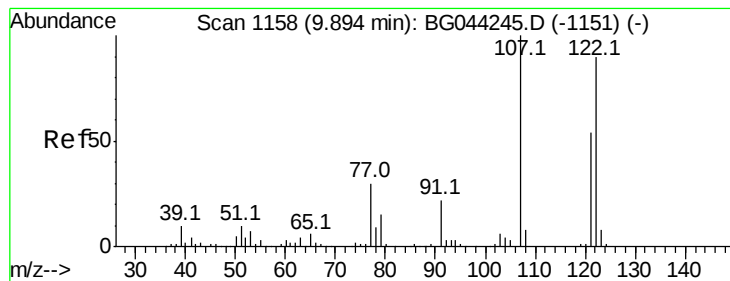
Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion:	139	Resp:	108675
Ion Ratio	Lower	Upper	
139	100		
109	27.4	21.0	31.4
65	44.8	35.0	52.4





#27

2,4-Dimethylphenol

Concen: 46.739 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

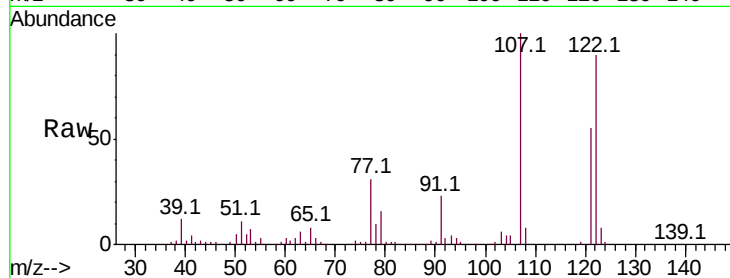
ClientSampleId :

PB126762BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	182886		
107	110.6	88.8	133.2	
121	60.4	48.3	72.5	

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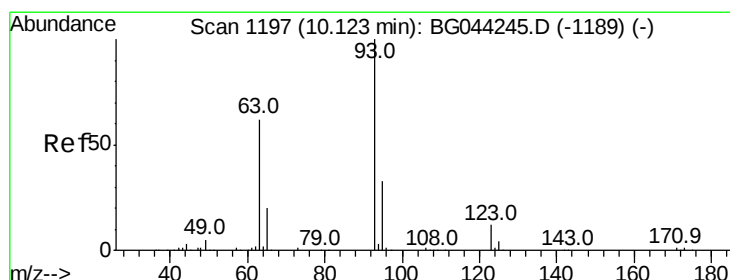
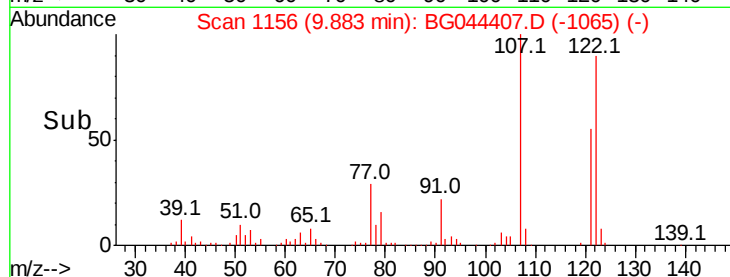
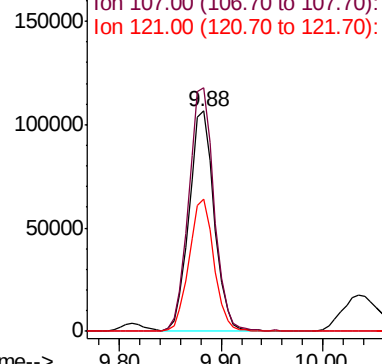


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.029 ng

RT: 10.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

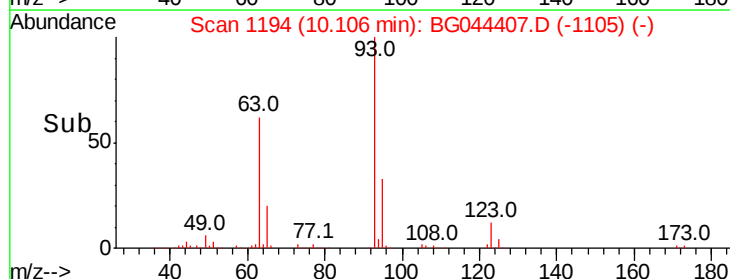
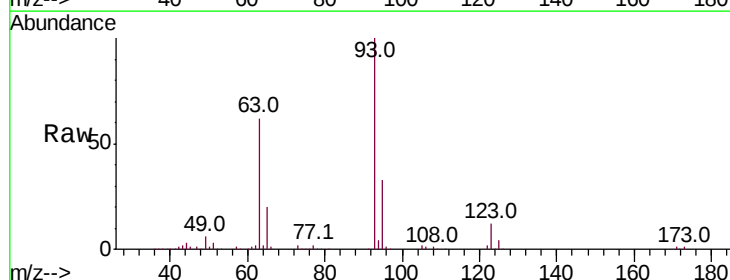
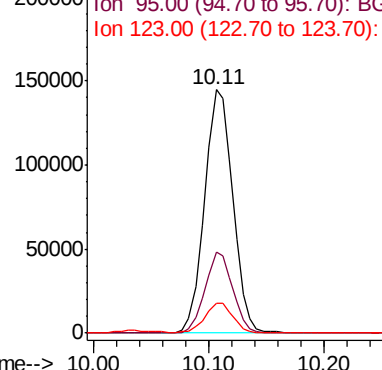
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	245133		
95	33.1	26.6	40.0	
123	12.3	10.0	15.0	

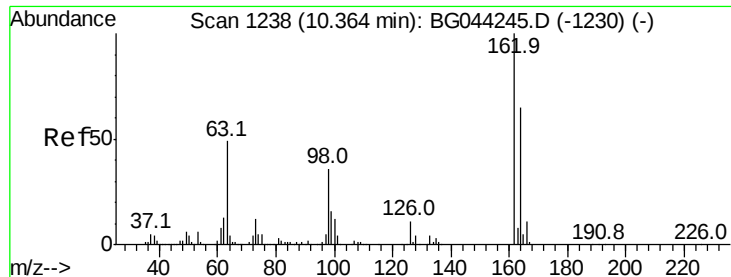
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





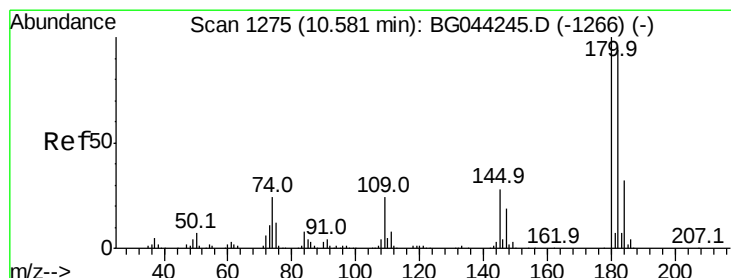
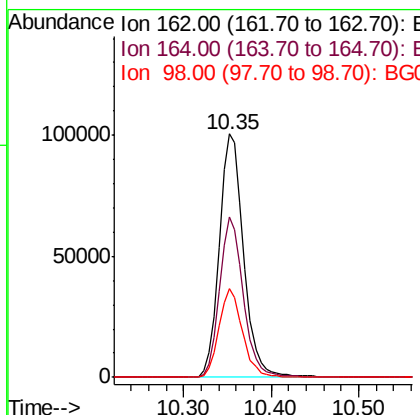
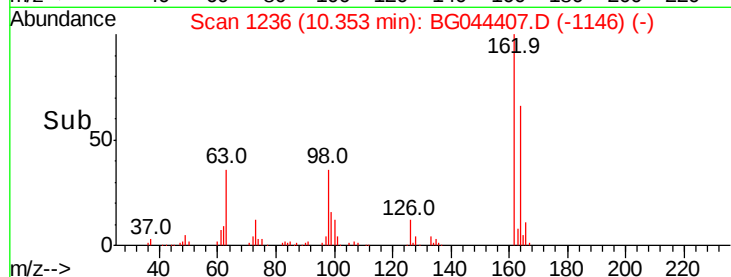
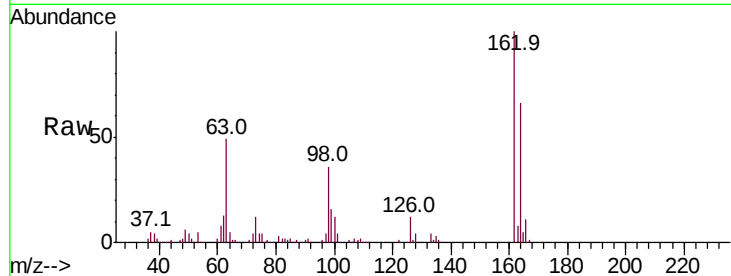
#29
 2,4-Dichlorophenol
 Concen: 40.732 ng
 RT: 10.35 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126762BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	192717		
164	66.1	44.7	84.7	
98	36.5	15.8	55.8	

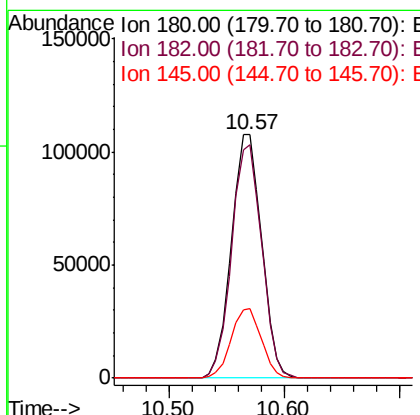
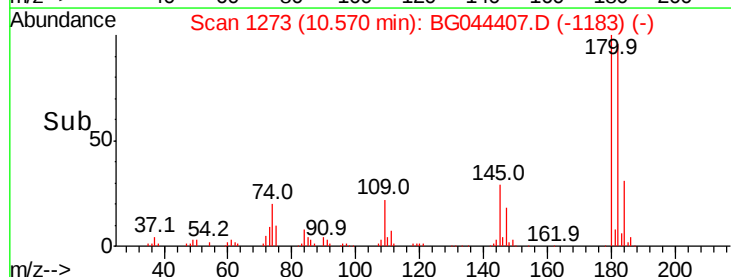
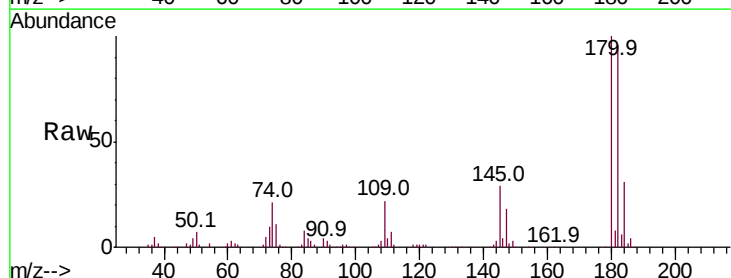
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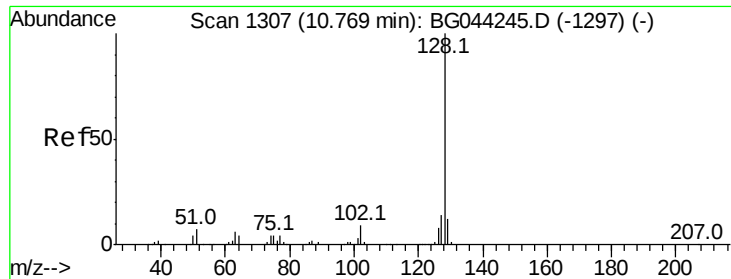
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.038 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	195514		
182	95.9	75.5	113.3	
145	28.7	22.6	34.0	





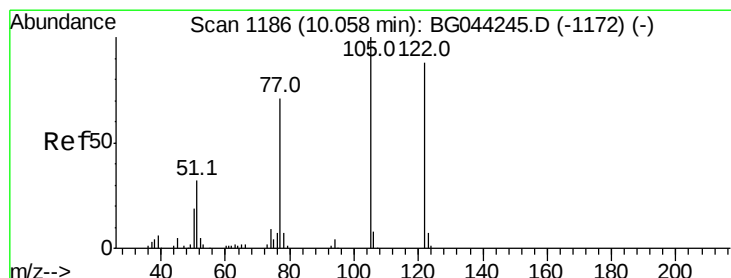
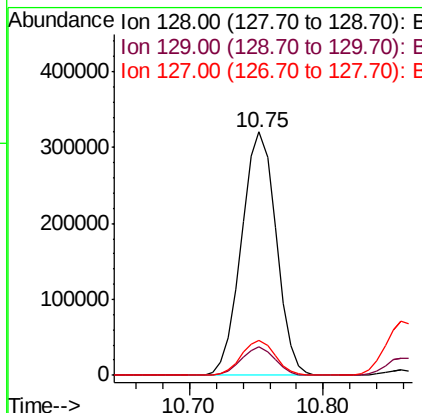
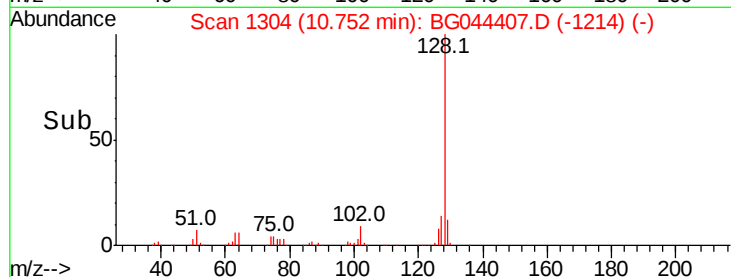
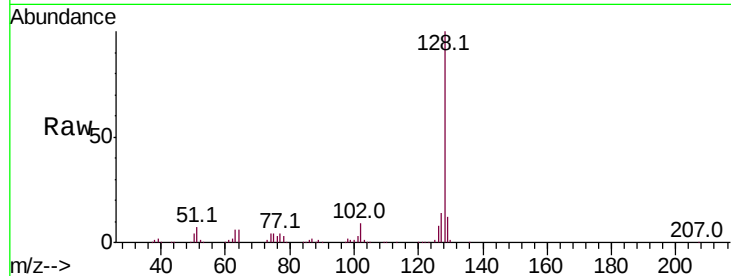
#31
Naphthalene
Concen: 38.348 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.2	11.6	17.4

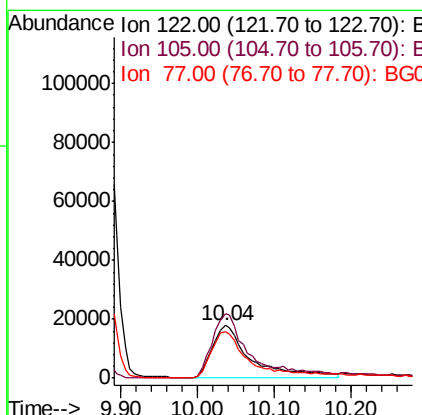
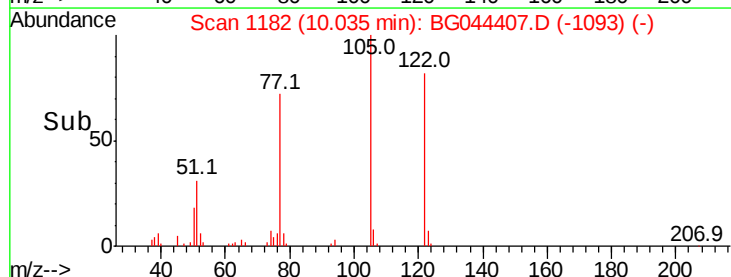
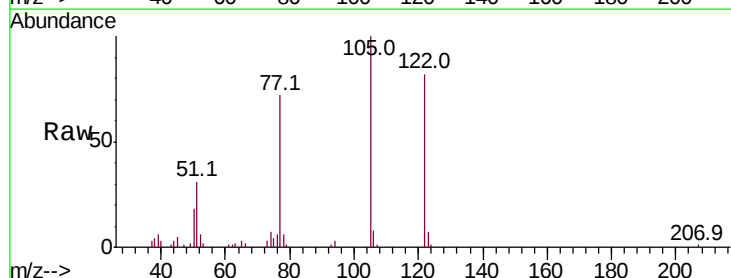
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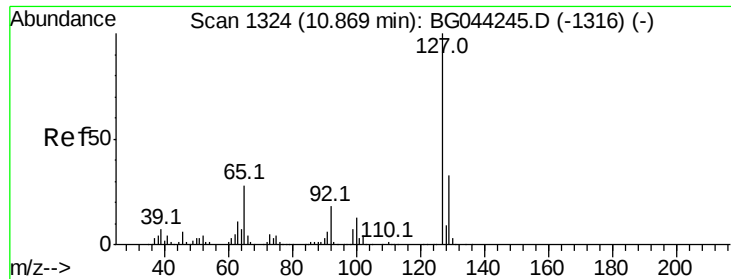
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#32
Benzoic acid
Concen: 30.899 ng
RT: 10.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	93.5	133.5
77	87.8	61.0	101.0





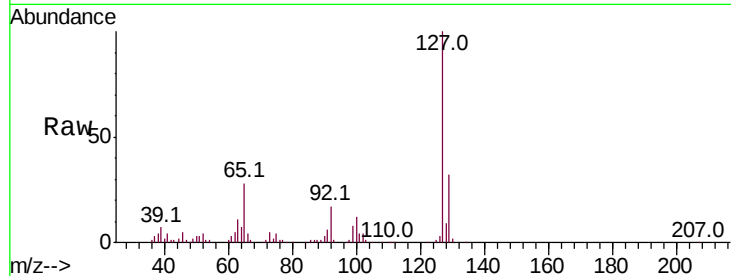
#33
4-Chloroaniline
Concen: 21.270 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampled :
PB126762BS

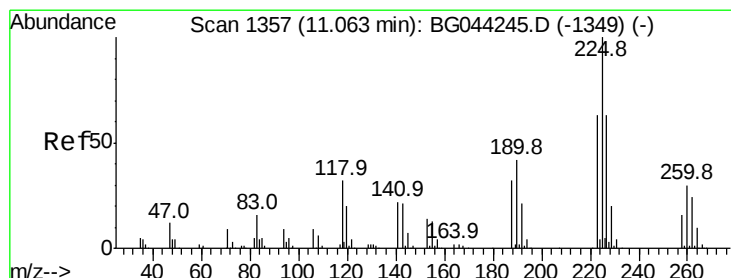
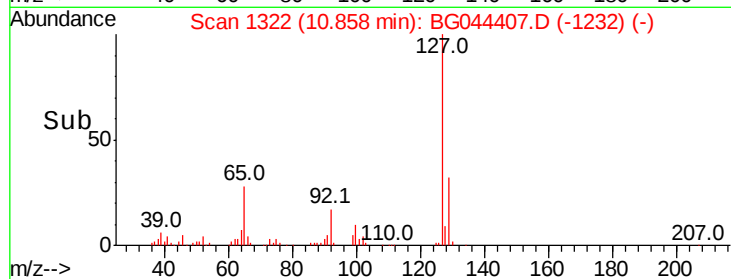
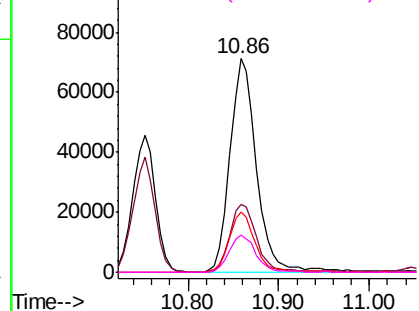
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		144993		
129	31.9	26.6	40.0		
65	27.9	22.5	33.7		
92	17.5	14.1	21.1		

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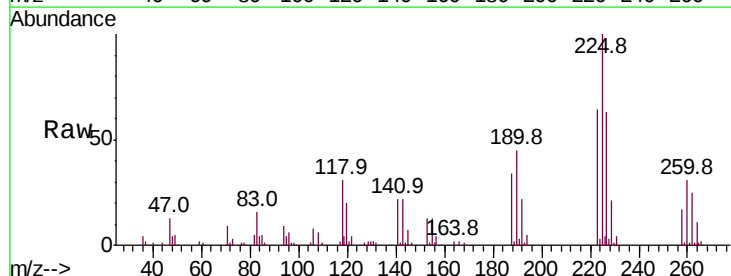


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

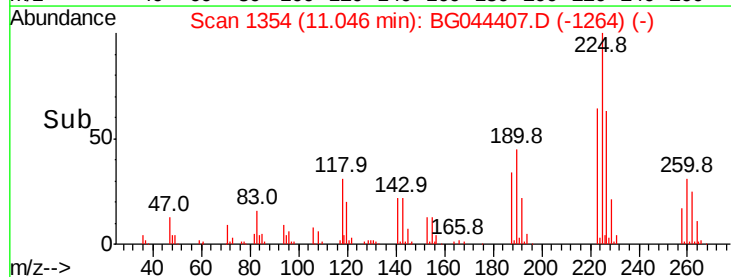
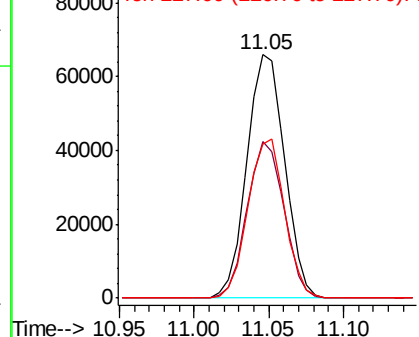


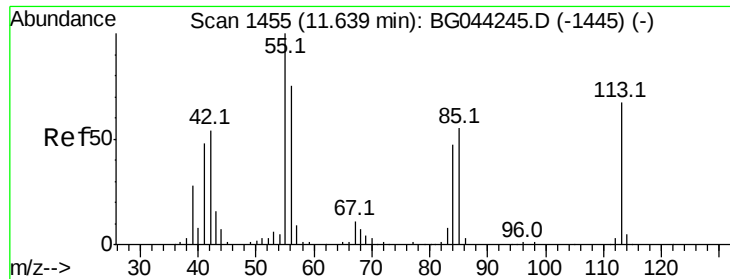
#34
Hexachlorobutadiene
Concen: 34.490 ng
RT: 11.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		115138		
223	64.2	50.2	75.4		
227	63.1	50.8	76.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





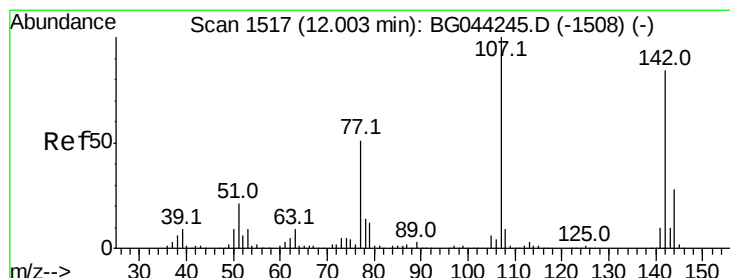
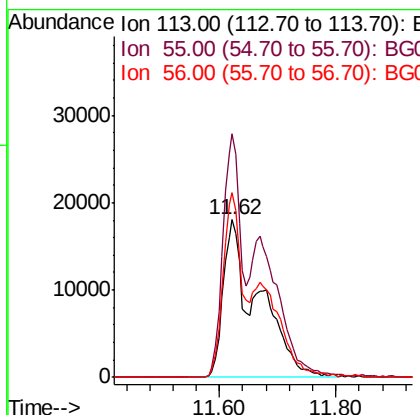
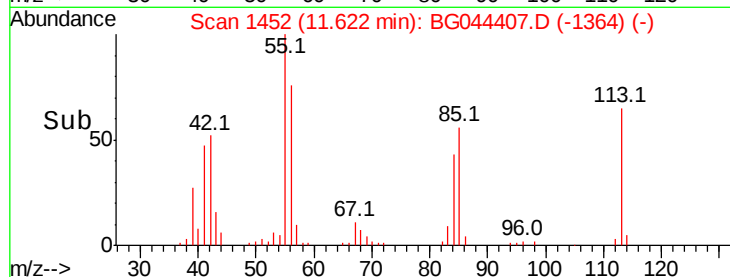
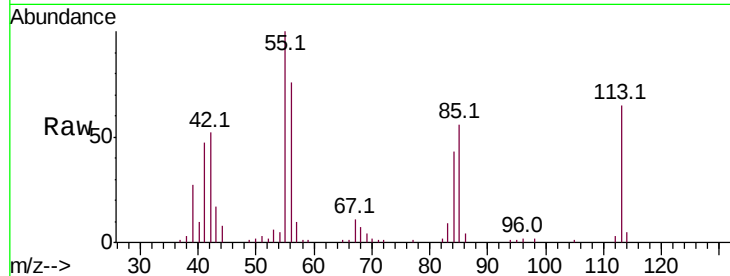
#35
Caprolactam
Concen: 42.996 ng/ml
RT: 11.62 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleID :
PB126762BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.4	129.9	169.9
56	117.0	92.5	132.5

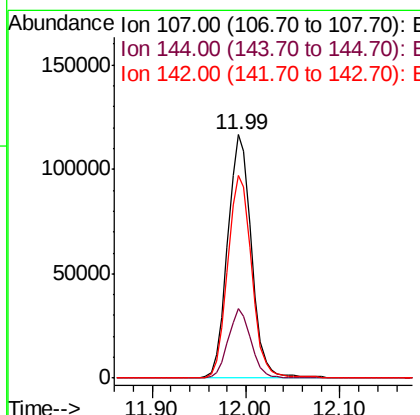
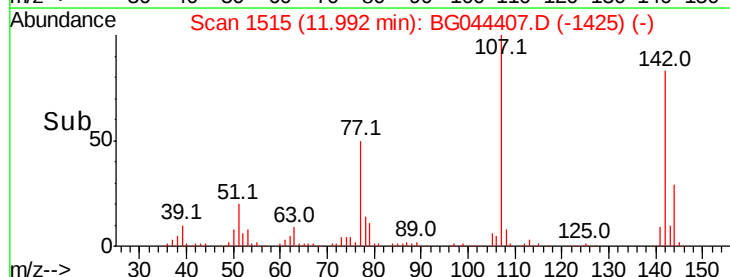
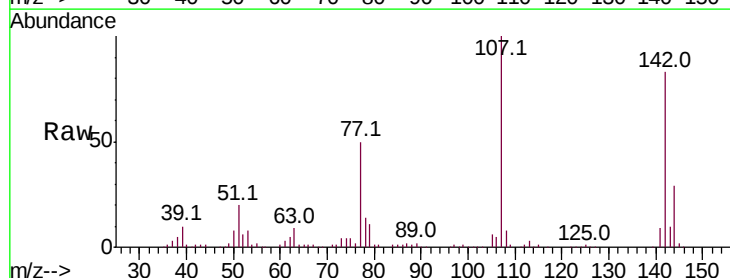
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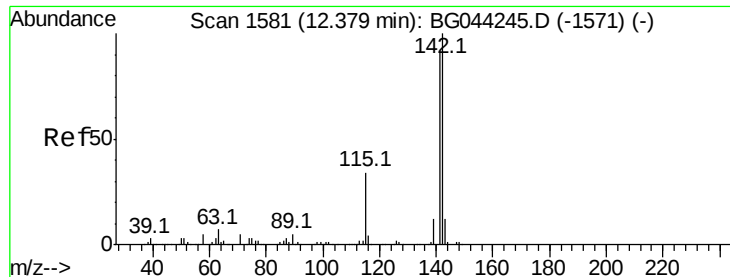
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#36
4-Chloro-3-methylphenol
Concen: 41.347 ng/ml
RT: 11.99 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.7	22.2	33.4
142	83.2	67.4	101.0





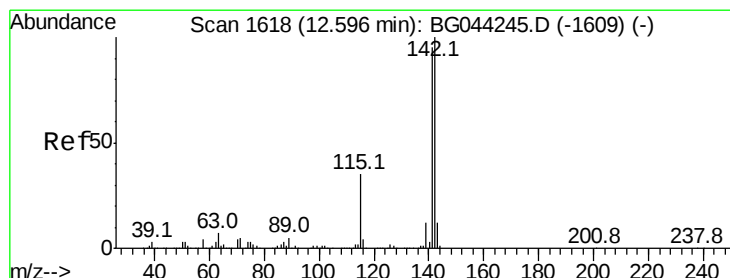
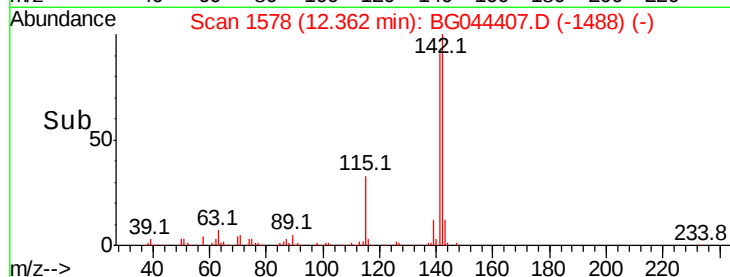
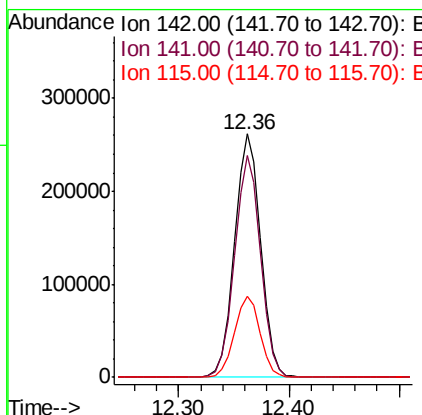
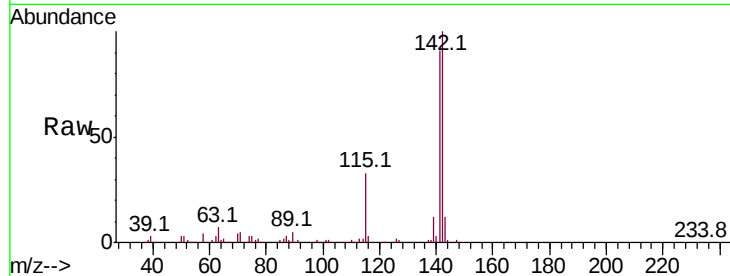
#37
 2-Methylnaphthalene
 Concen: 38.945 ng
 RT: 12.36 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126762BS

Tot Ion:	142	Resp:	433400
Ion Ratio	Lower	Upper	
142	100		
141	91.4	73.2	109.8
115	33.3	27.1	40.7

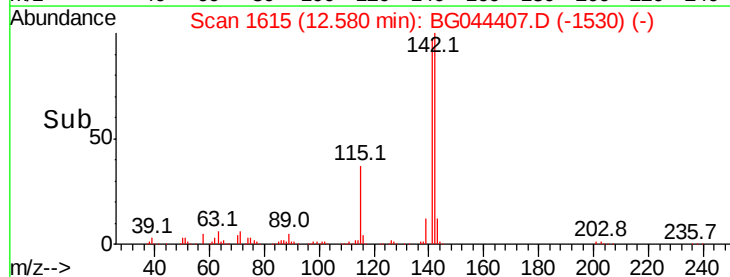
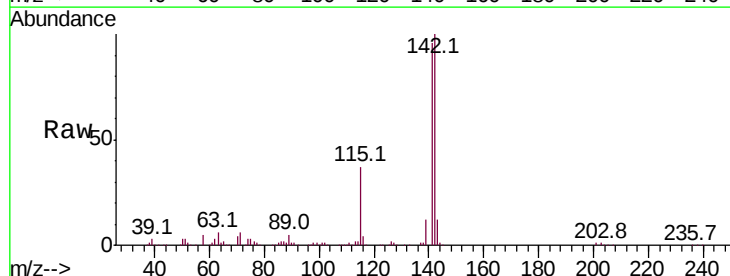
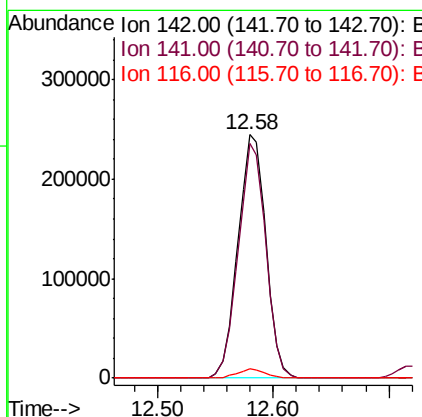
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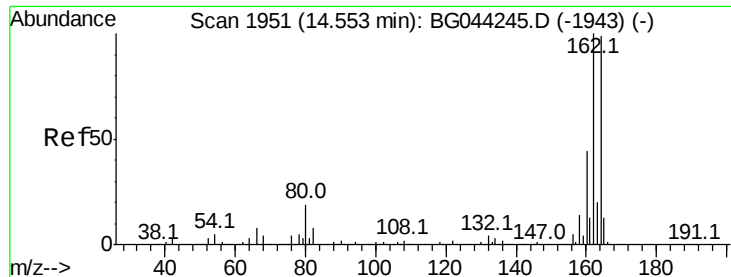
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#38
 1-Methylnaphthalene
 Concen: 39.090 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion:	142	Resp:	410125
Ion Ratio	Lower	Upper	
142	100		
141	96.5	75.8	113.6
116	4.0	3.1	4.7





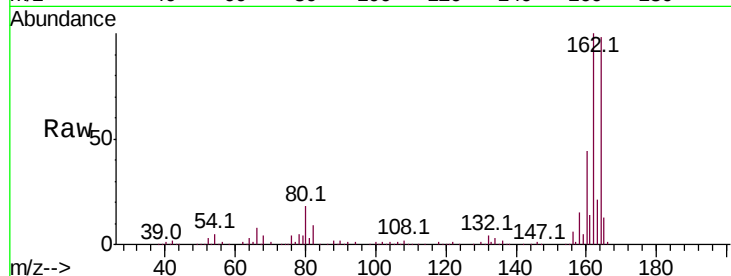
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	44.9	35.3	52.9

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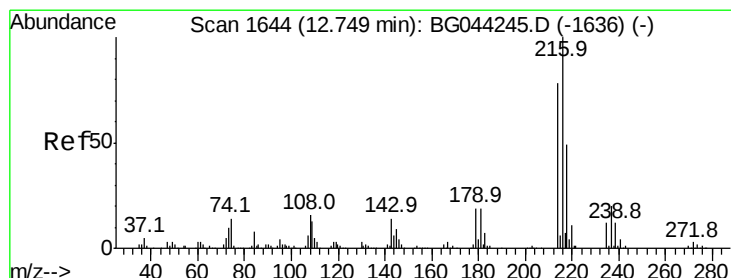
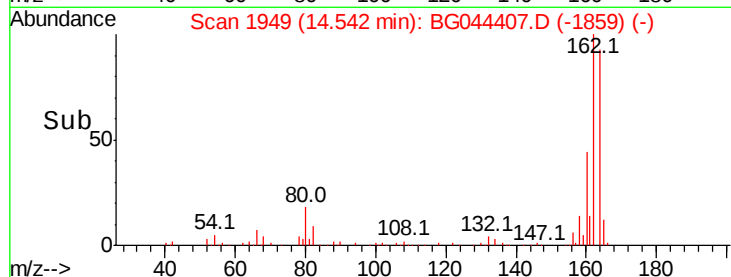
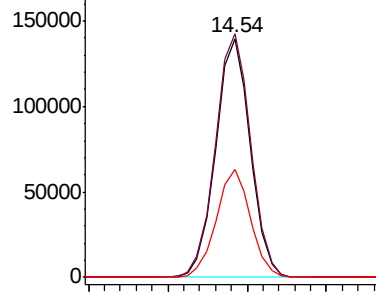


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.960 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.6
179	20.8	16.2	24.4
108	18.1	13.5	20.3

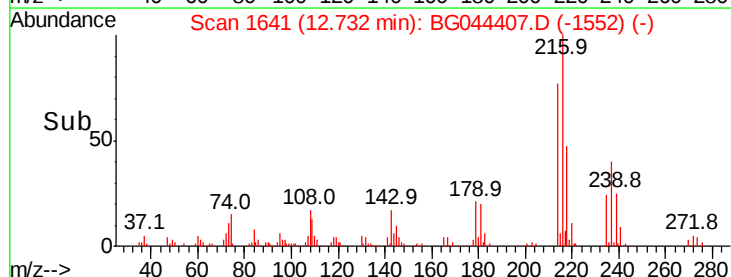
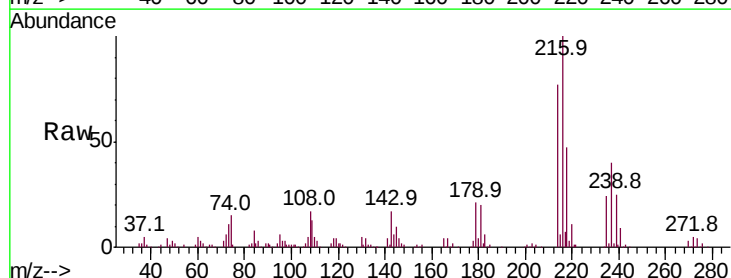
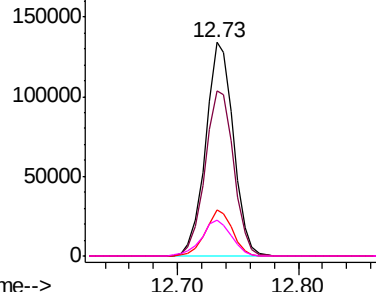
Abundance

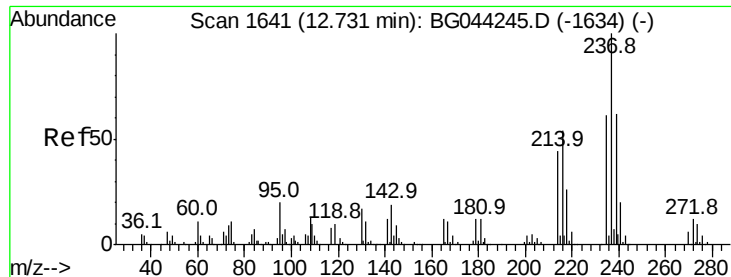
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 54.883 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

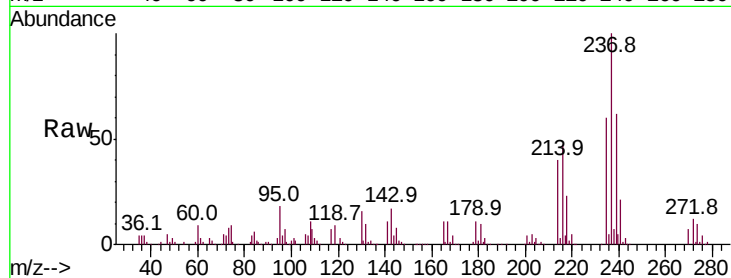
ClientSampleId :

PB126762BS

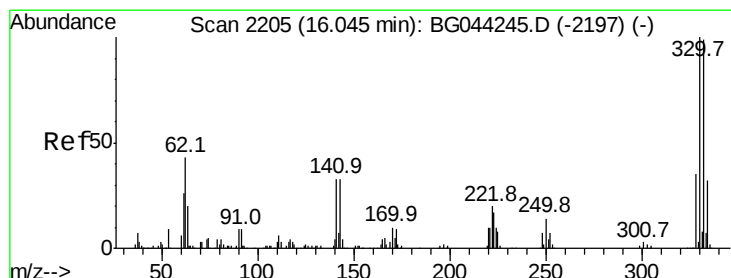
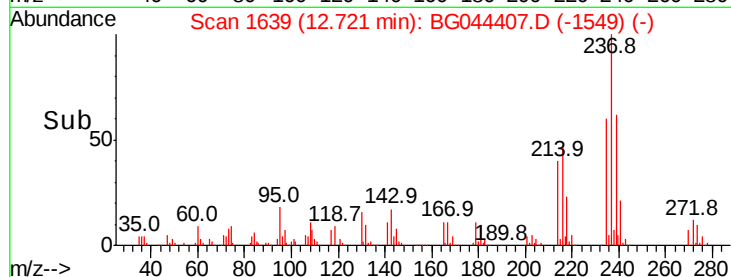
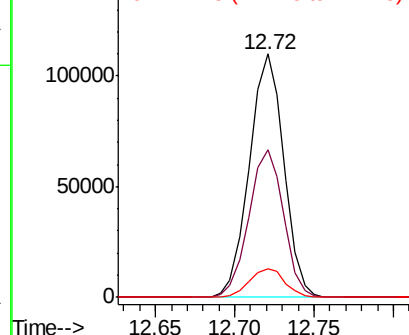
Tot Ion:	237	Resp:	166020
Ion Ratio		Lower	Upper
237	100		
235	60.5	41.2	81.2
272	11.8	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 117.871 ng

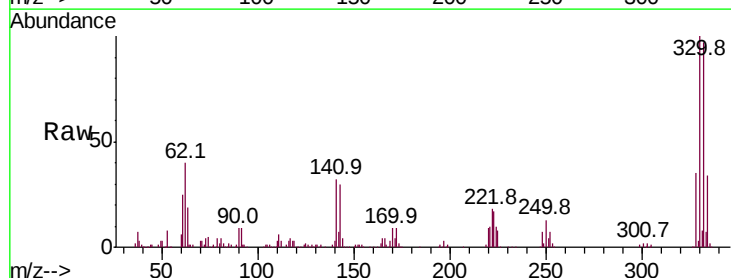
RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

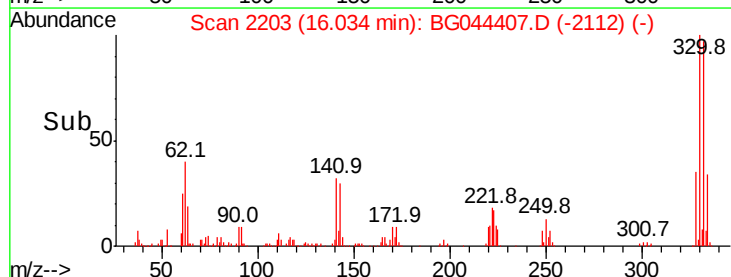
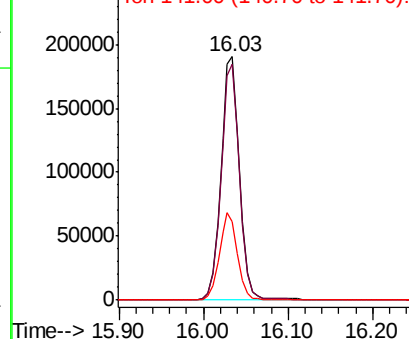
Lab File: BG044407.D

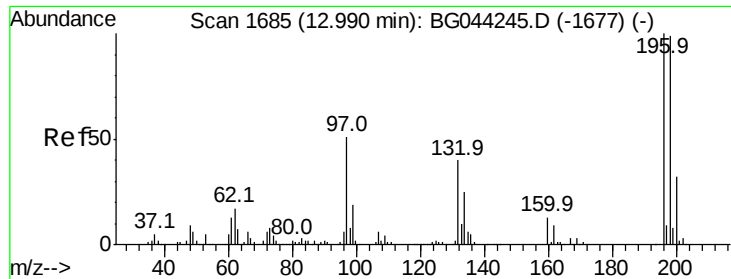
Acq: 12 Feb 2020 13:45

Tgt Ion:	330	Resp:	291626
Ion Ratio		Lower	Upper
330	100		
332	96.6	77.2	115.8
141	35.1	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





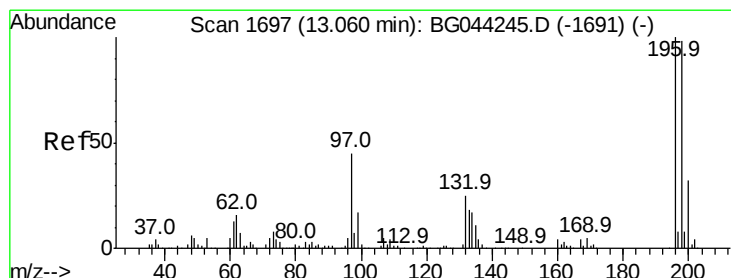
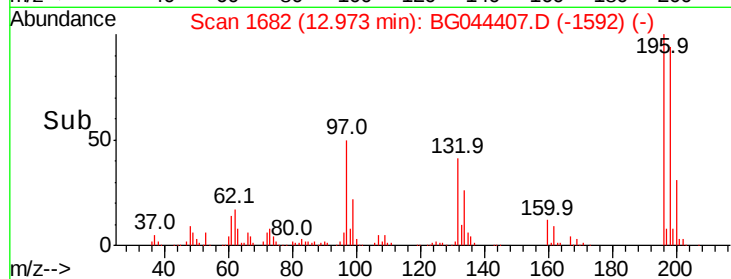
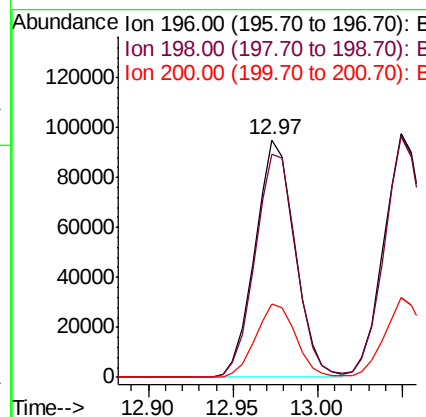
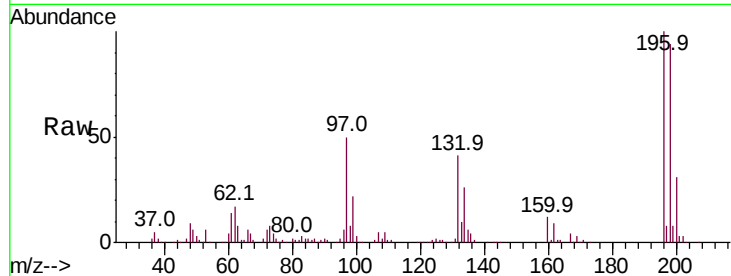
#43
 2,4,6-Trichlorophenol
 Concen: 38.142 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126762BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155425		
198	93.8	79.3	118.9	
200	31.0	25.7	38.5	

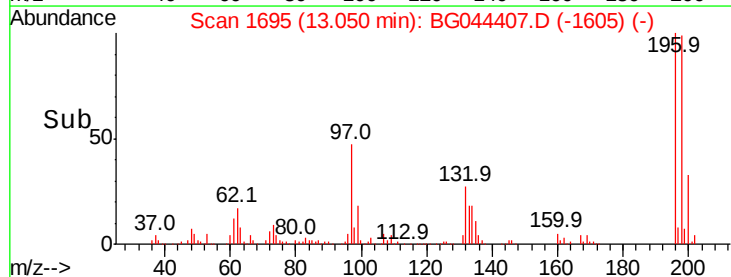
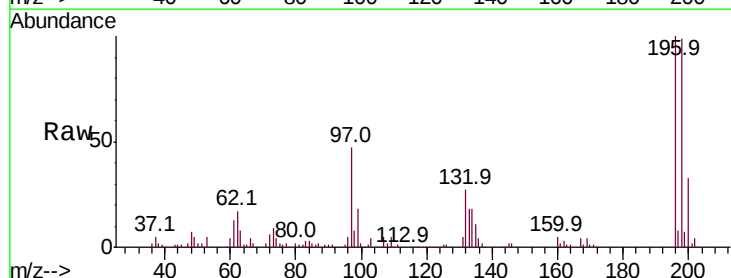
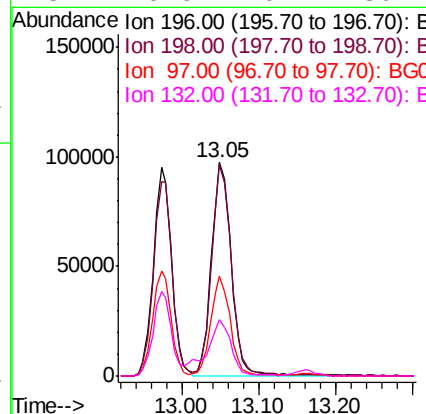
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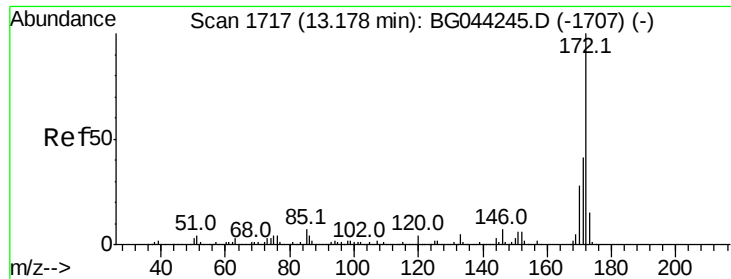
mohammad
 2/13/2020 3:33:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.337 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172049		
198	99.1	78.2	117.2	
97	46.5	36.2	54.4	
132	26.6	20.2	30.4	





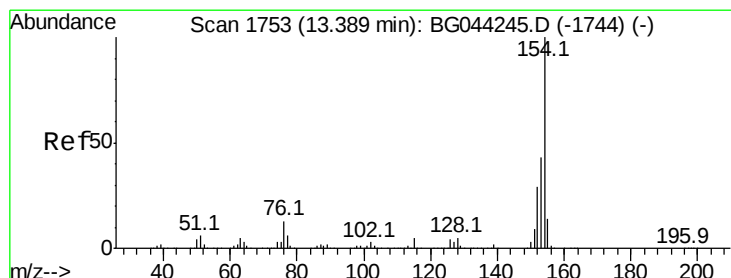
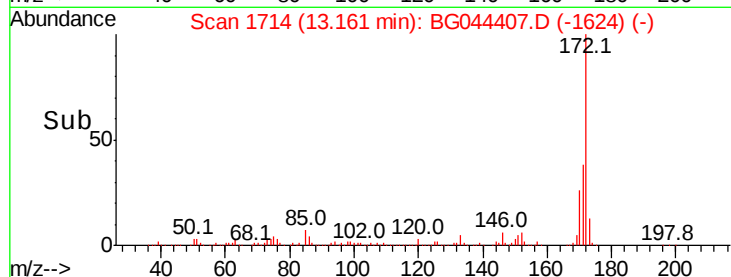
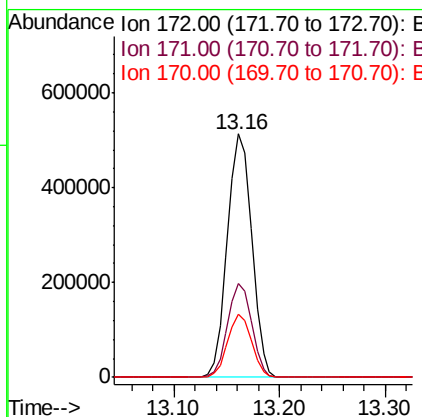
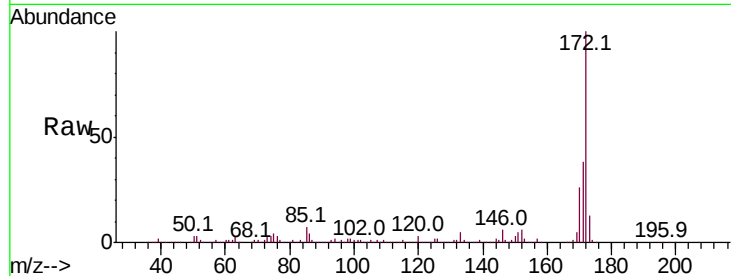
#45
2-Fluorobiphenyl
Concen: 65.234 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	25.9	22.0	33.0

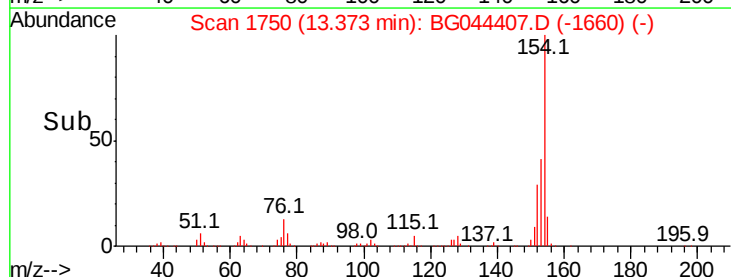
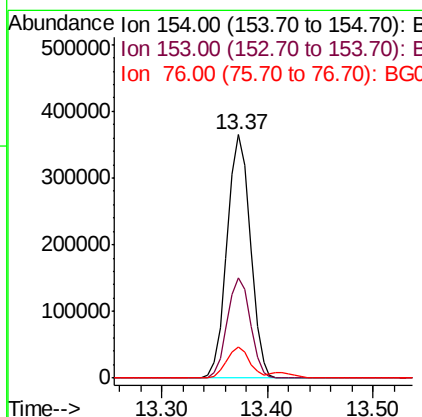
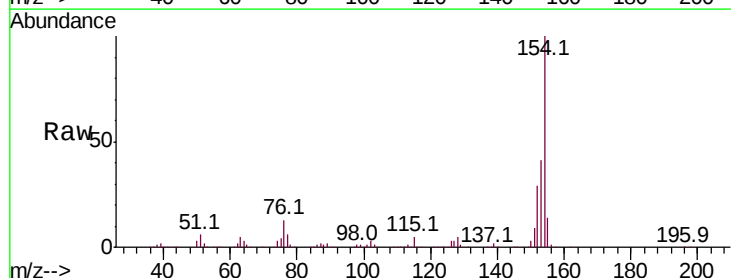
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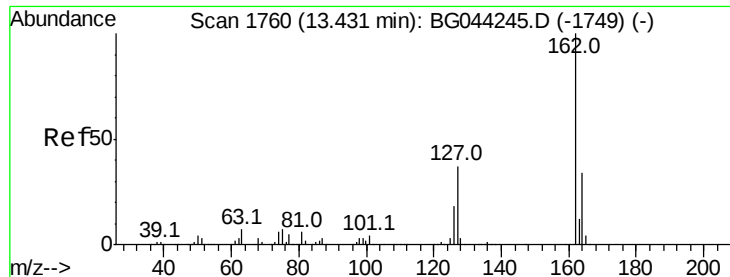
mohammad
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#46
1,1'-Biphenyl
Concen: 36.503 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.7	62.7
76	12.7	0.0	32.9





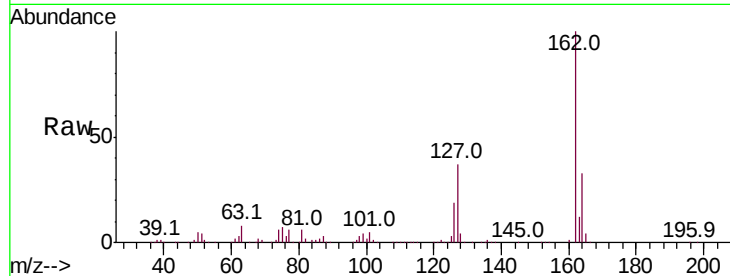
#47
 2-Chloronaphthalene
 Concen: 35.753 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126762BS

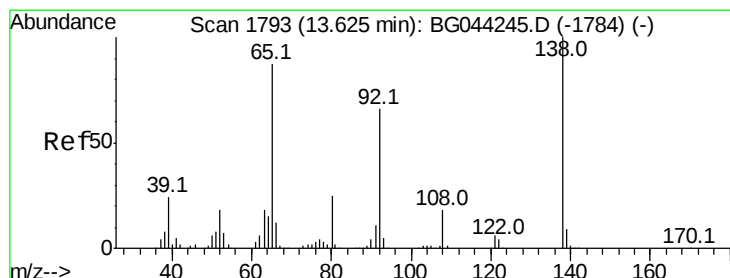
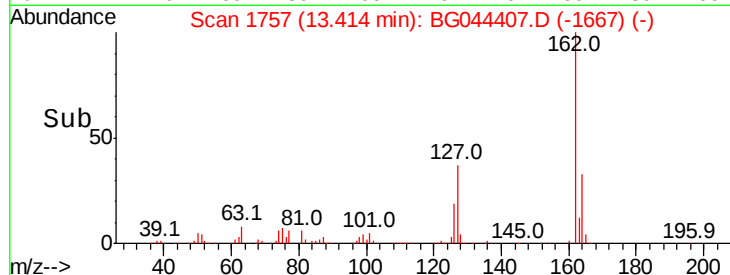
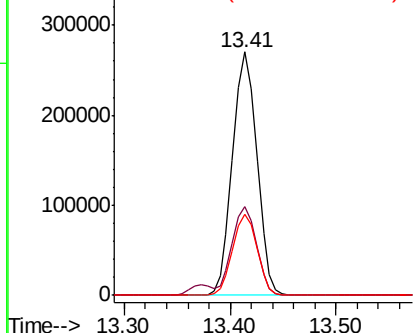
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.0	45.0
164	33.4	27.2	40.8

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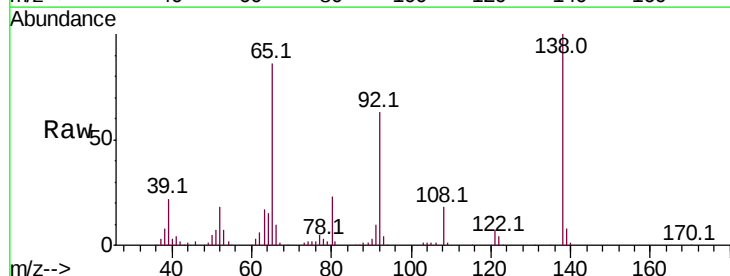


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

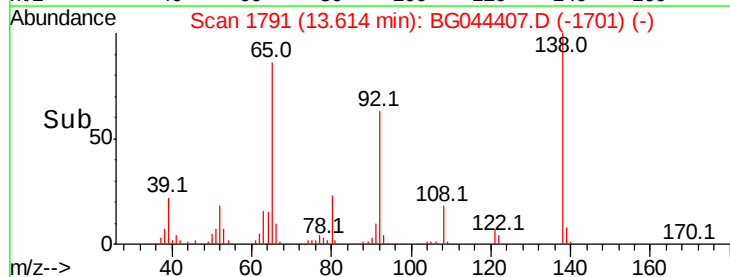
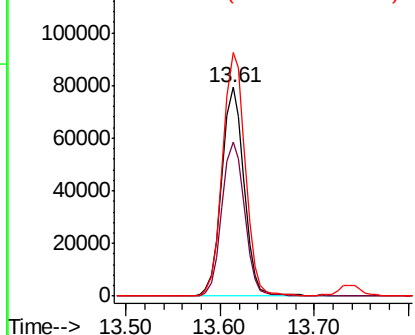


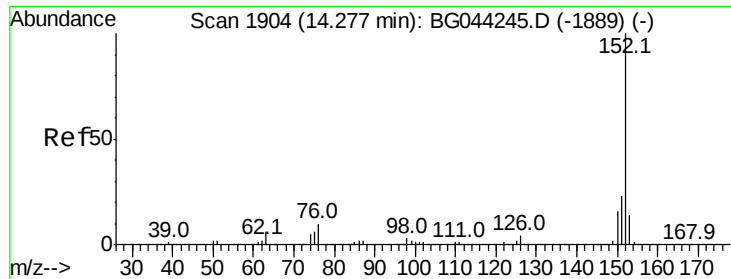
#48
 2-Nitroaniline
 Concen: 37.114 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	60.3	90.5
138	116.6	91.9	137.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.143 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

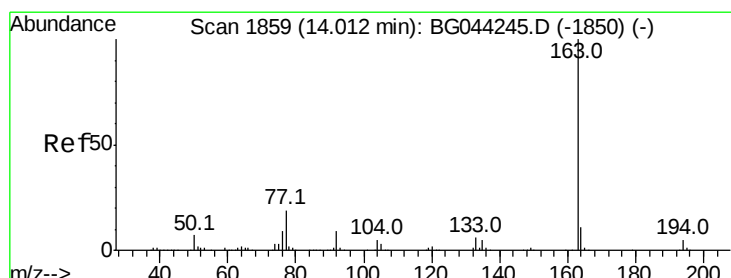
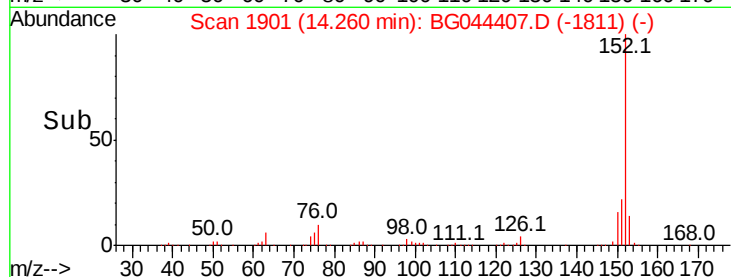
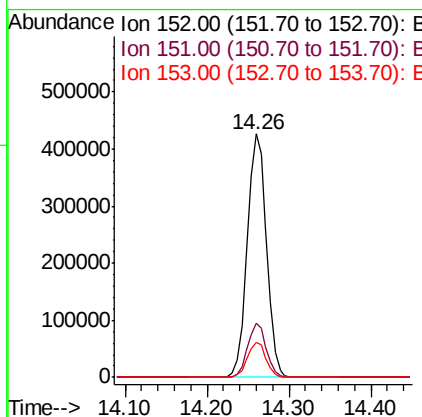
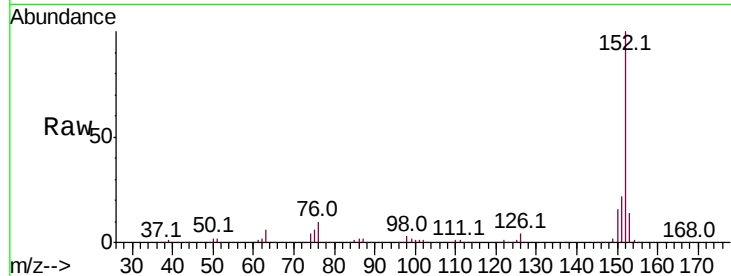
ClientSampleId :

PB126762BS

Tot Ion:	152	Resp:	694499
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.1	27.1
153	14.4	11.5	17.3

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#50

Dimethylphthalate

Concen: 38.392 ng

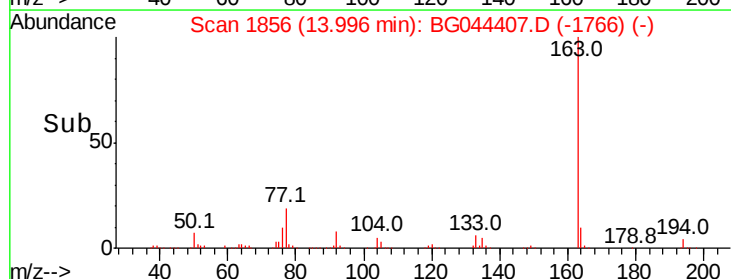
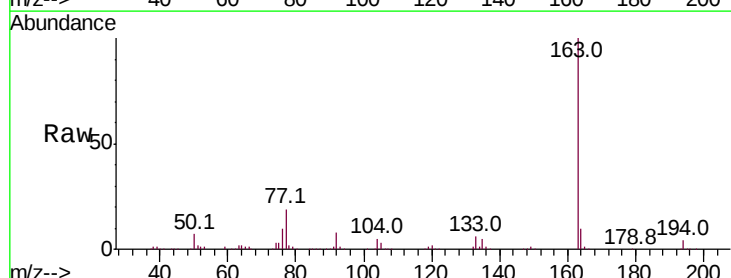
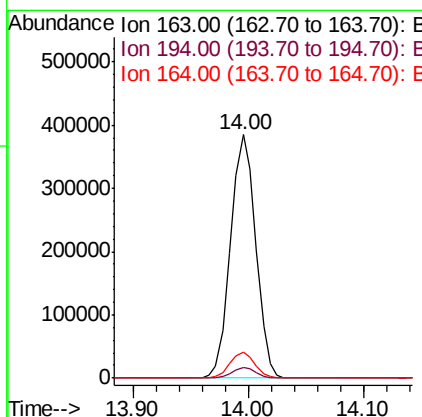
RT: 14.00 min Scan# 1856

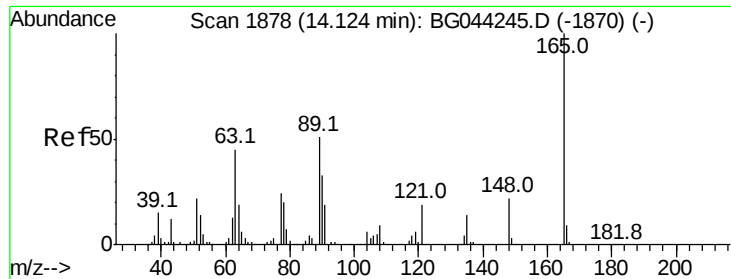
Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion:	163	Resp:	581614
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.5	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 39.207 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

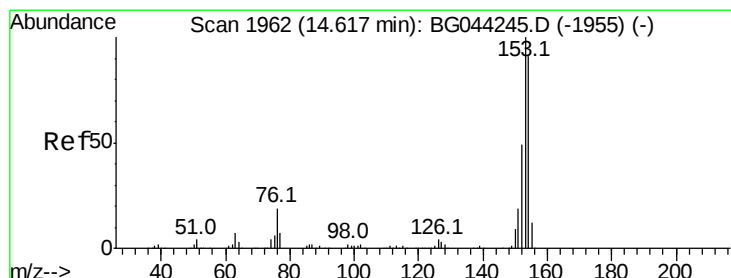
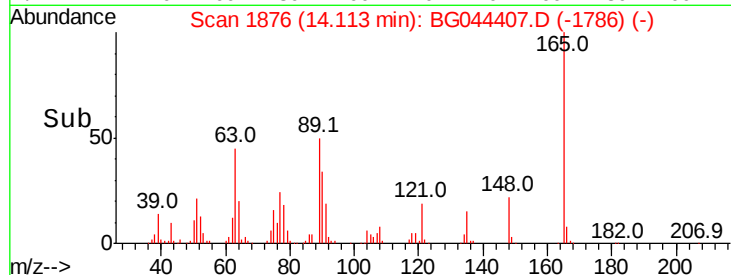
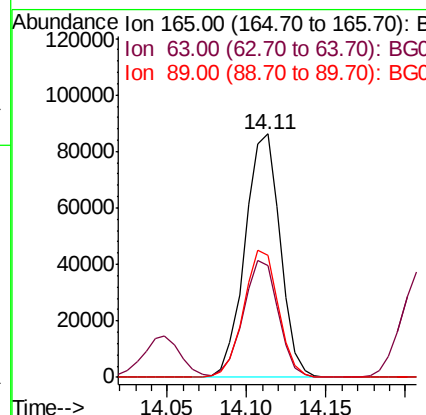
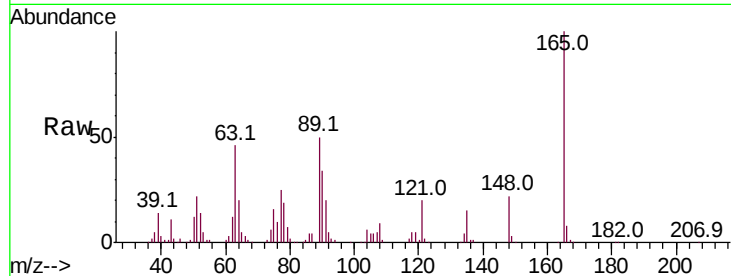
ClientSampleId :

PB126762BS

Tot Ion:	165	Resp:	132434
Ion Ratio	Lower	Upper	
165	100		
63	45.7	38.7	58.1
89	50.0	40.4	60.6

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#52

Acenaphthene

Concen: 36.923 ng

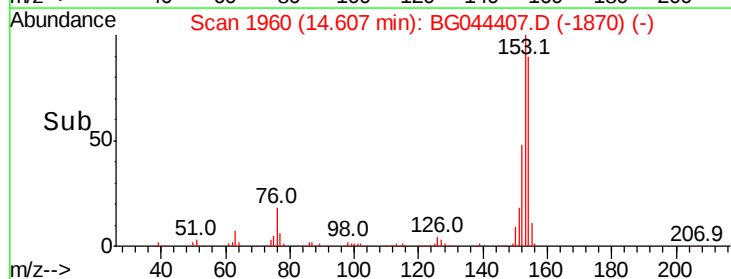
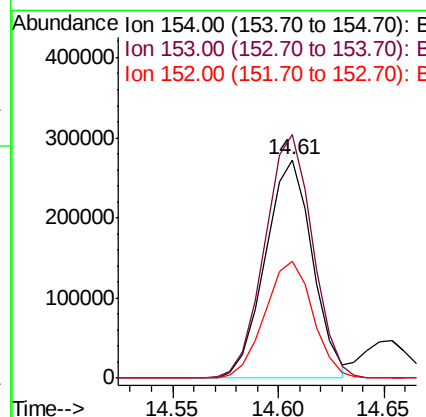
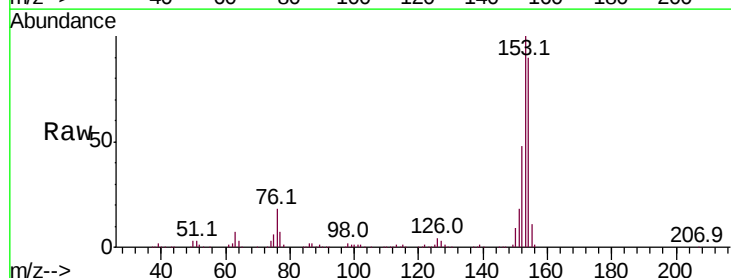
RT: 14.61 min Scan# 1960

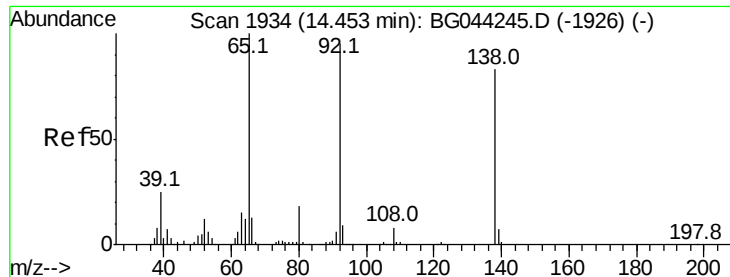
Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion:	154	Resp:	424630
Ion Ratio	Lower	Upper	
154	100		
153	111.7	87.9	131.9
152	53.4	43.1	64.7





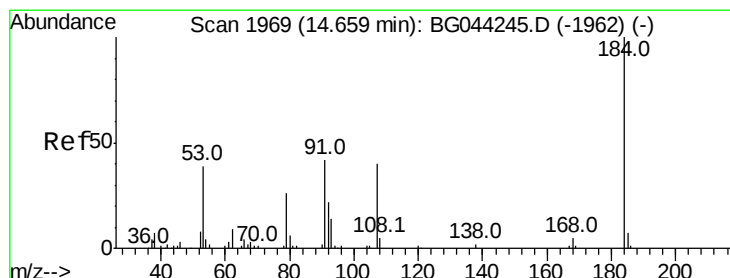
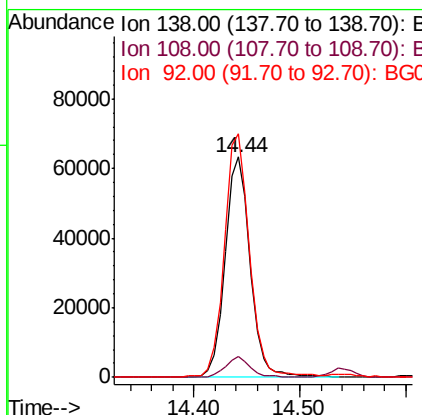
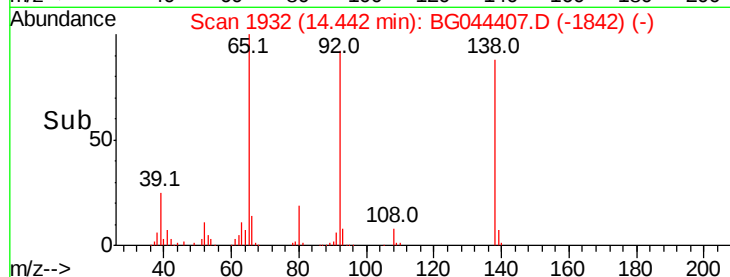
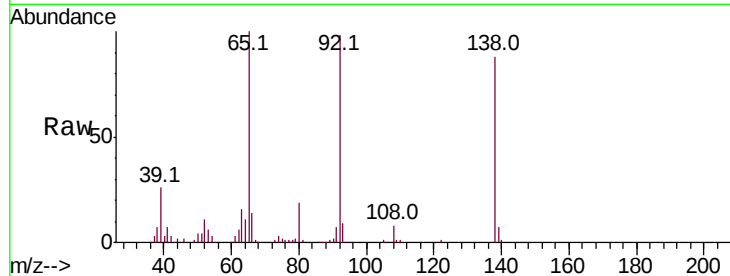
#53
3-Nitroaniline
Concen: 27.714 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	110.5	91.0	136.4

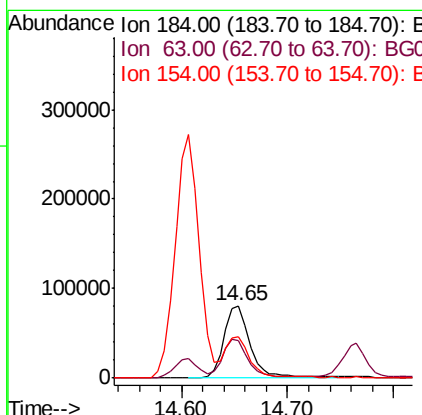
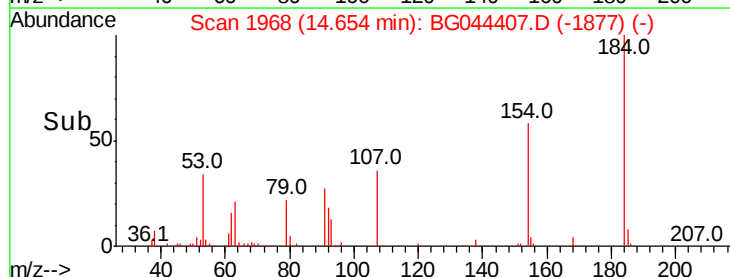
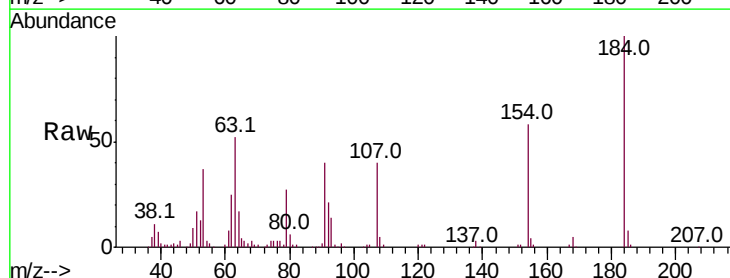
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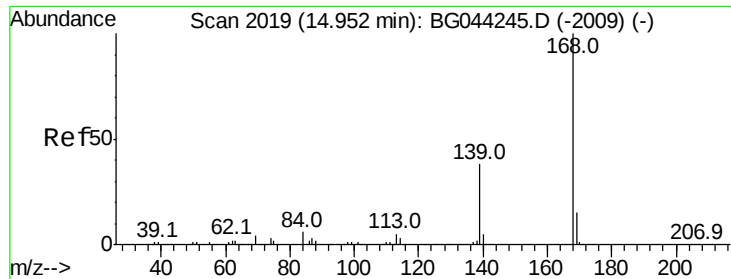
mohammad
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#54
2,4-Dinitrophenol
Concen: 71.734 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.6	44.1	66.1
154	57.9	45.4	68.0





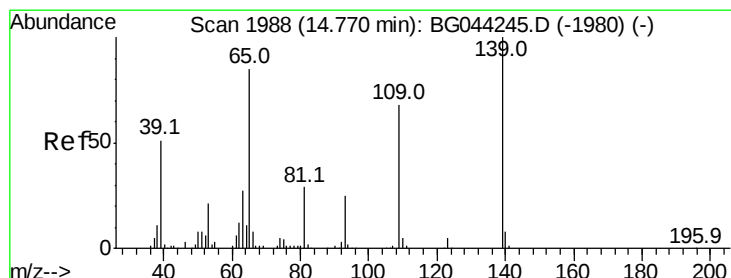
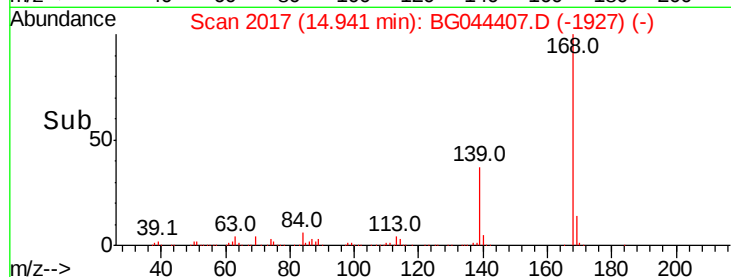
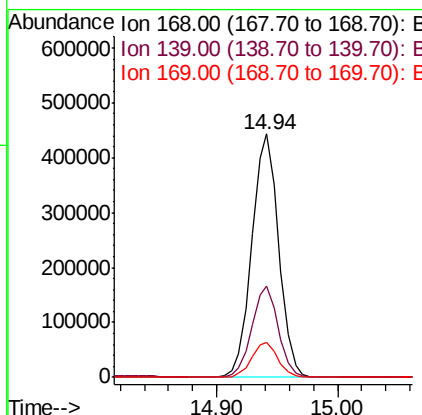
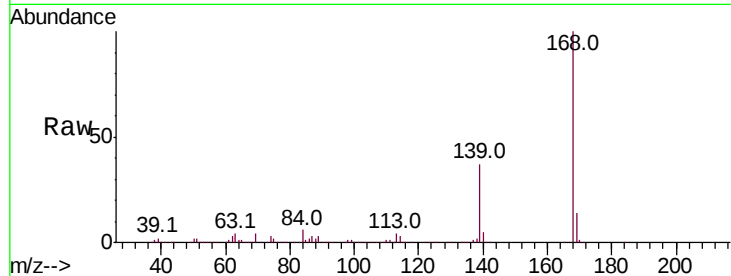
#55
Dibenzenofuran
Concen: 39.208 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.5	45.7
169	14.2	11.7	17.5

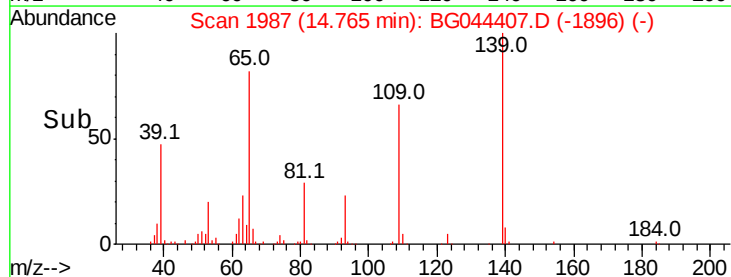
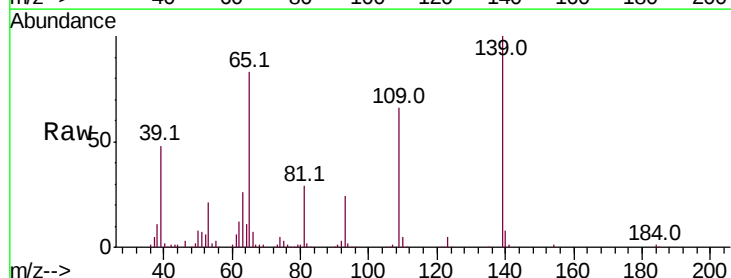
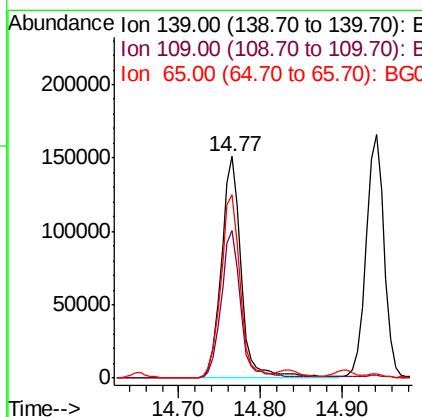
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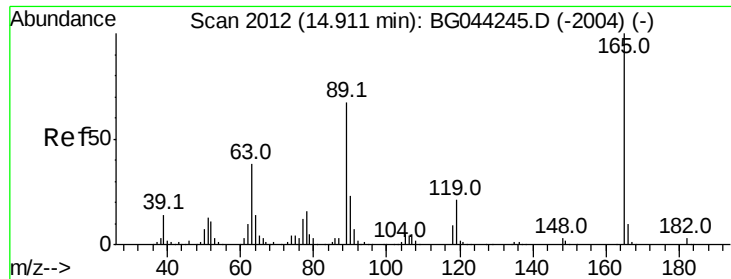
mohammad
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#56
4-Nitrophenol
Concen: 92.896 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	47.5	87.5
65	82.5	64.9	104.9





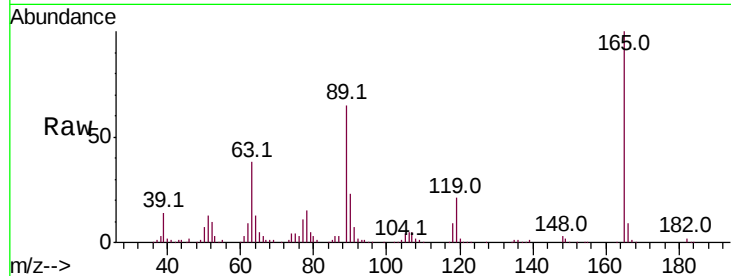
#57
2,4-Dinitrotoluene
Concen: 40.507 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	191770		
63	37.8	30.3	45.5	
89	64.9	53.4	80.2	
182	2.5	2.1	3.1	

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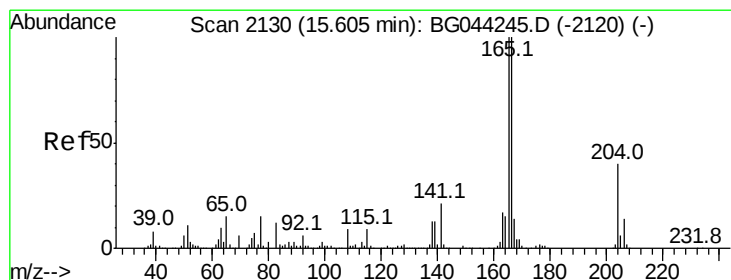
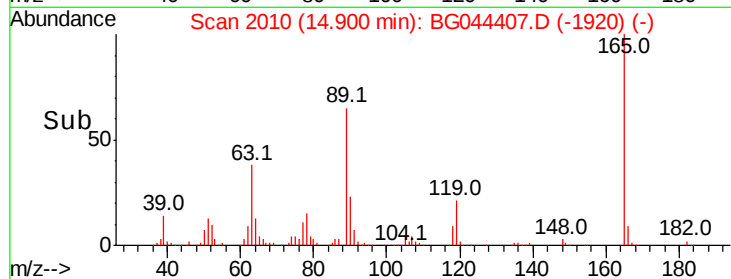
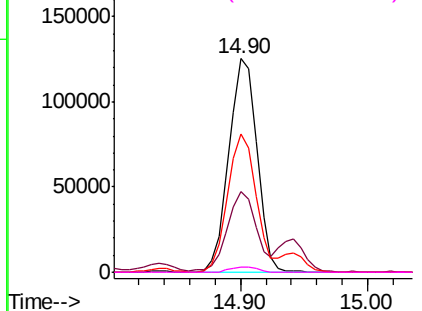
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

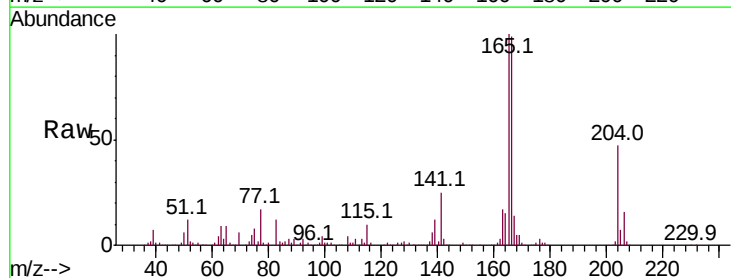
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.066 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	549475		
165	101.4	79.9	119.9	
167	14.0	11.4	17.0	

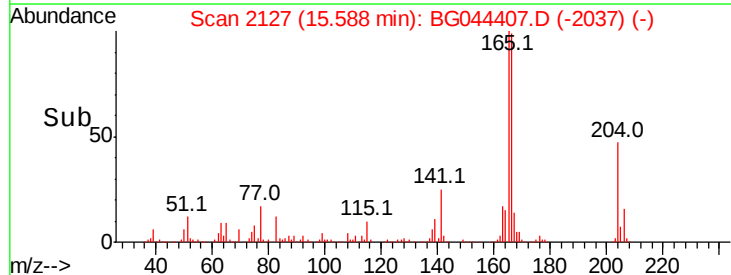
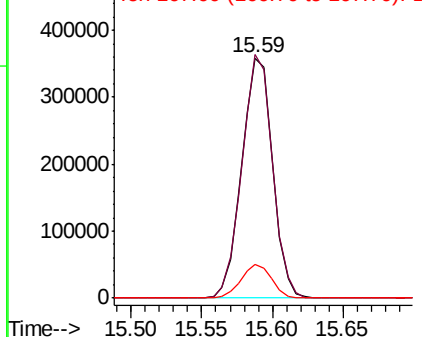


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





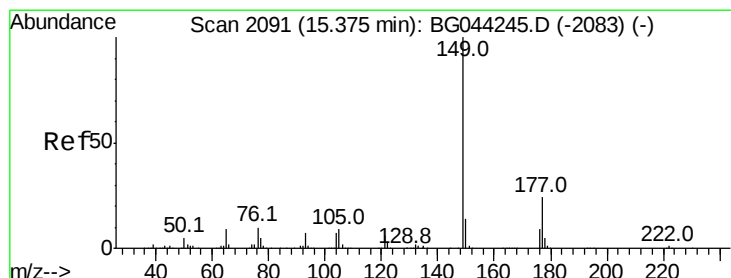
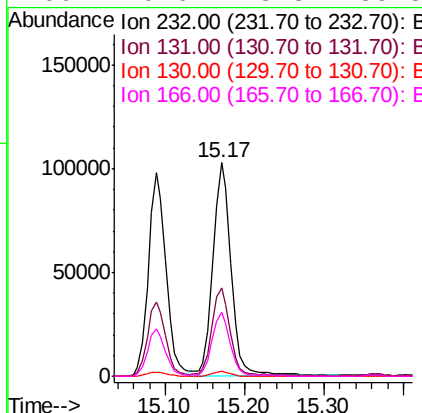
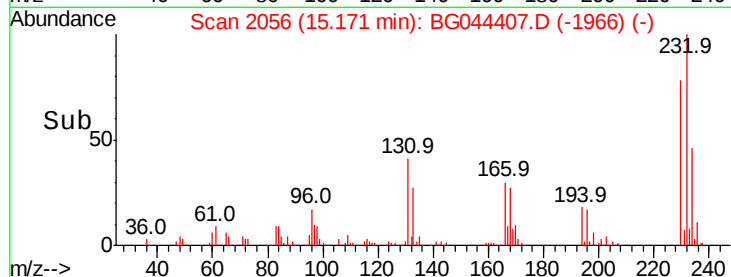
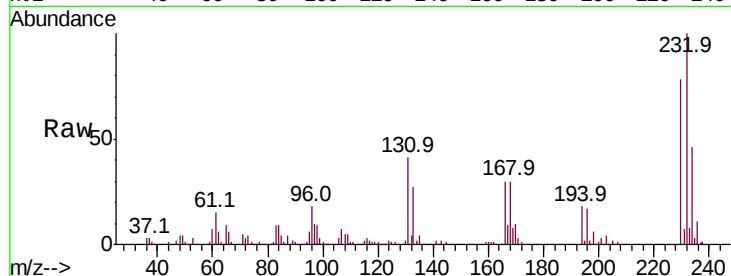
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.464 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126762BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	163401		
131	41.5		34.2	51.4
130	2.2		1.8	2.8
166	29.6		23.8	35.8

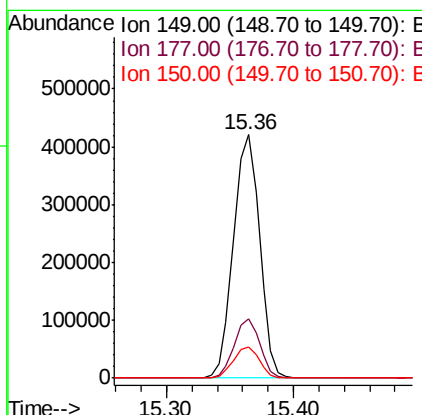
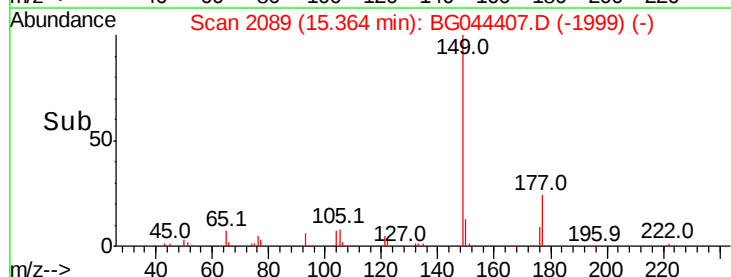
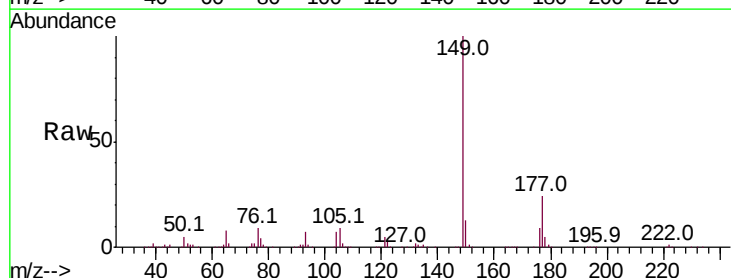
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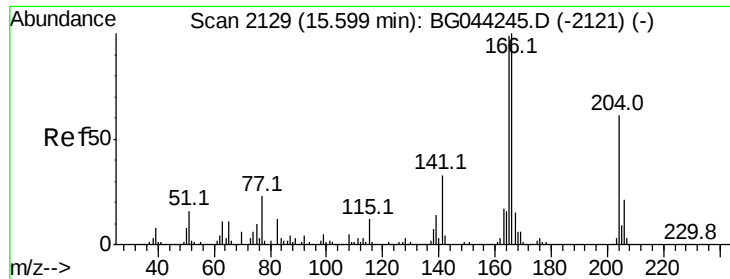
mohammad
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#60
 Diethylphthalate
 Concen: 39.632 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	598261		
177	24.4		19.4	29.0
150	12.9		10.9	16.3





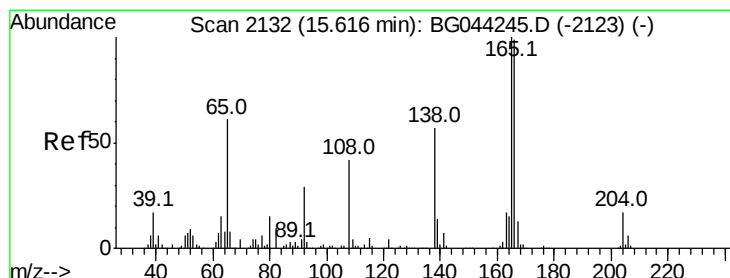
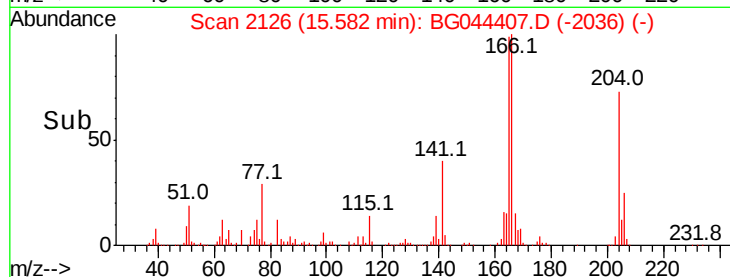
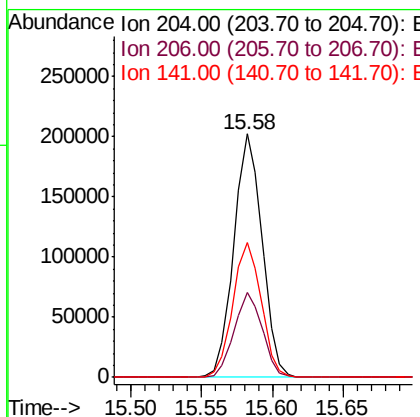
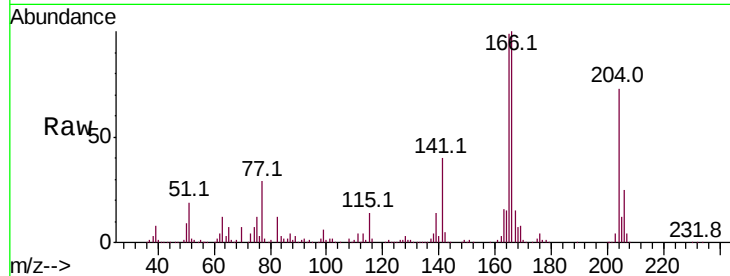
#61
4-Chlorophenyl-phenylether
Concen: 37.951 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleID :
PB126762BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	282205		
206	34.9	27.6	41.4	
141	55.4	43.4	65.0	

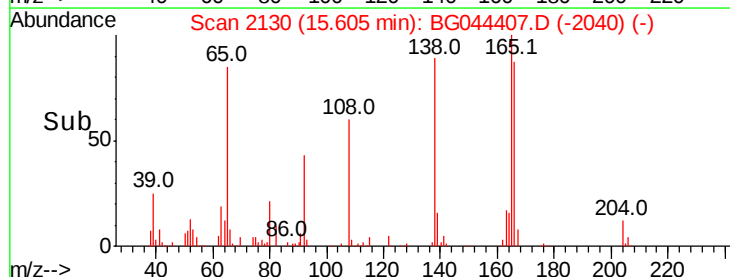
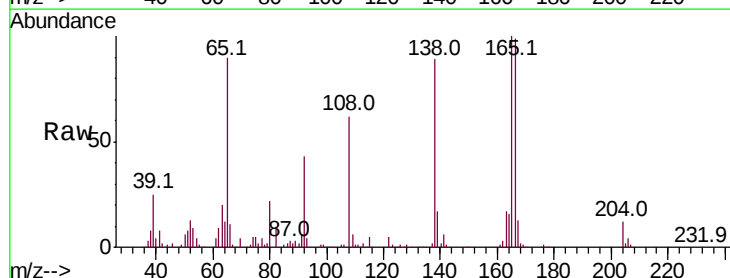
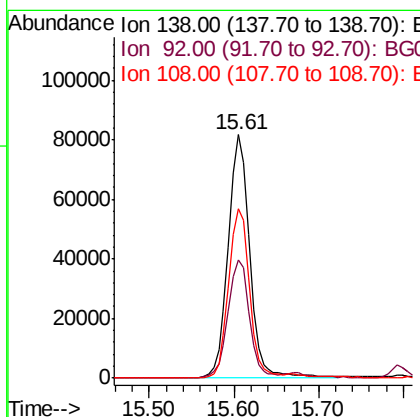
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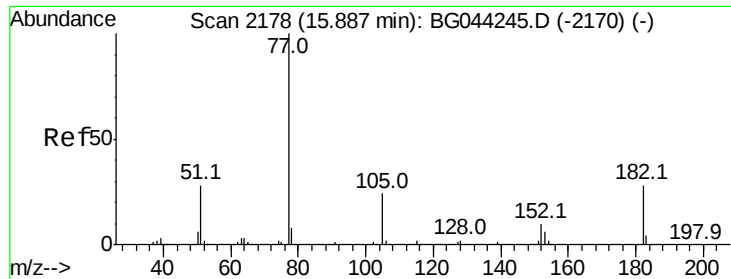
mohammad
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#62
4-Nitroaniline
Concen: 38.500 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	143765		
92	48.4	31.3	71.3	
108	69.8	52.6	92.6	





#63

Azobenzene

Concen: 40.185 ng

RT: 15.88 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

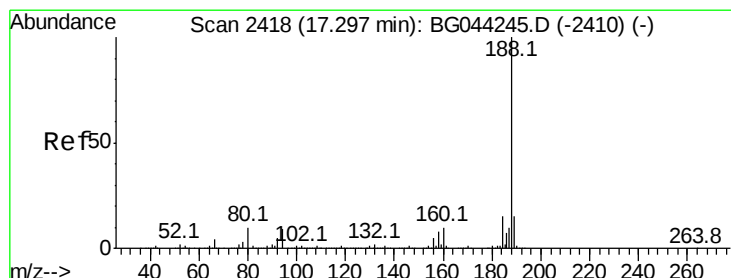
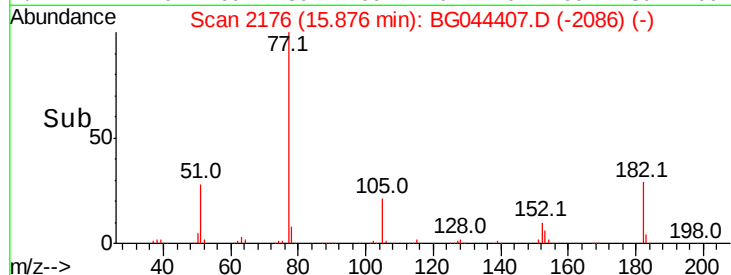
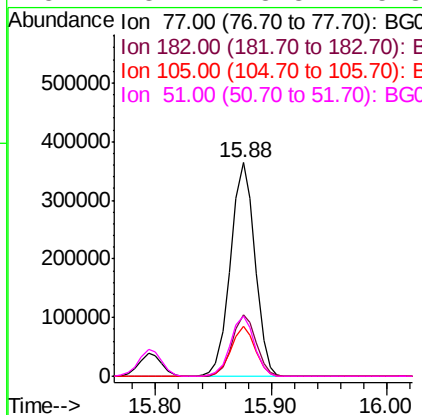
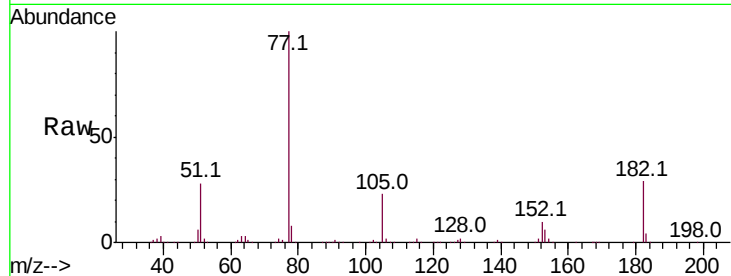
ClientSampleId :

PB126762BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		531641		
182	28.6	8.2	48.2		
105	23.2	3.6	43.6		
51	28.1	8.3	48.3		

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

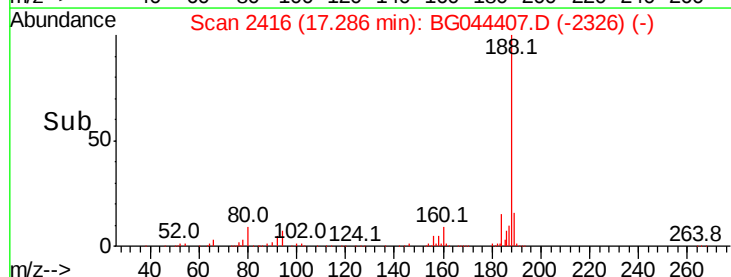
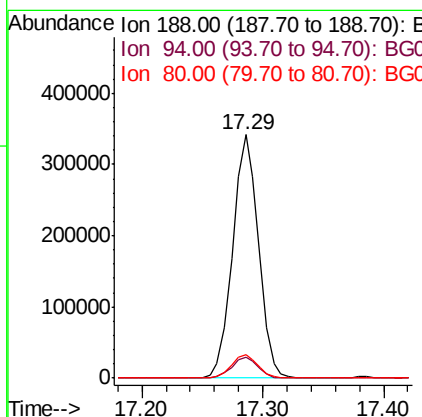
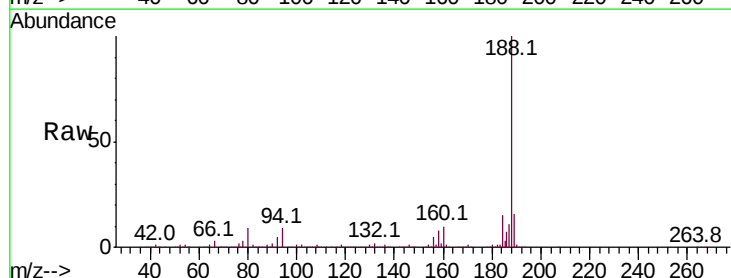
RT: 17.29 min Scan# 2416

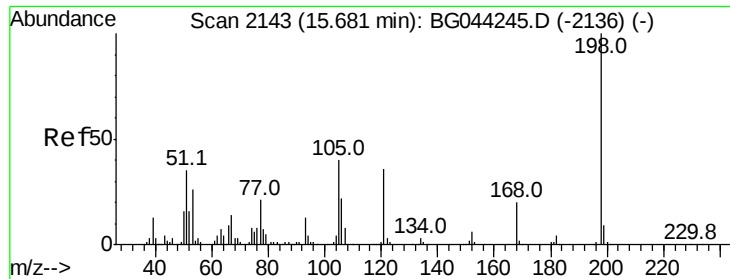
Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		508739		
94	8.5	7.4	11.2		
80	9.4	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 40.918 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

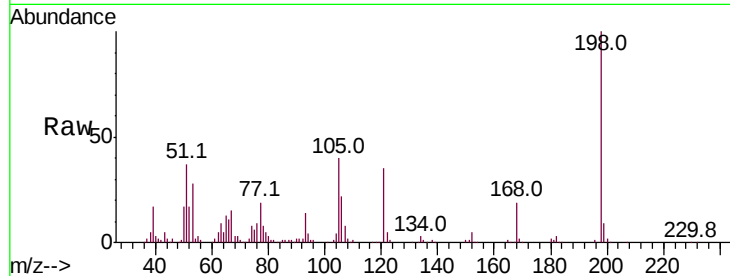
ClientSampleId :

PB126762BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.8	16.6	56.6
105	40.2	20.6	60.6

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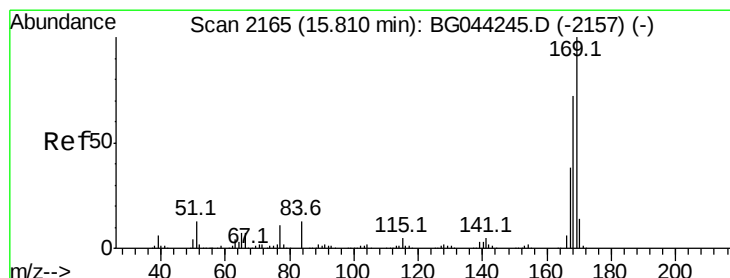
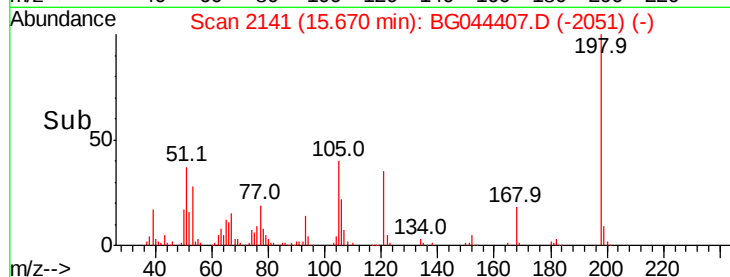
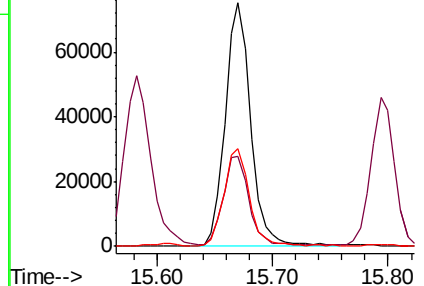
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.377 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG044407.D

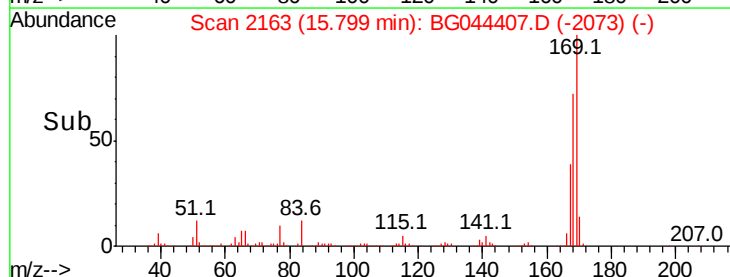
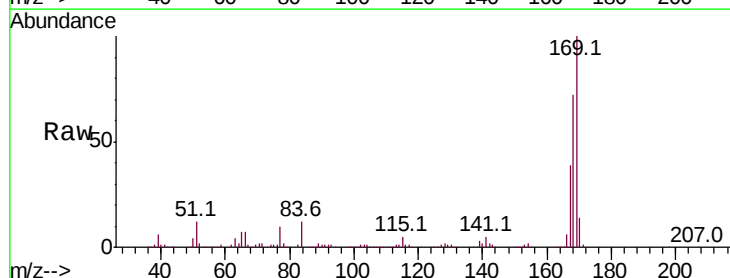
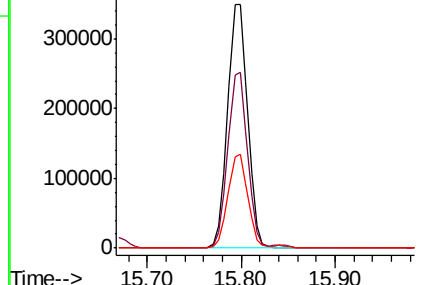
Acq: 12 Feb 2020 13:45

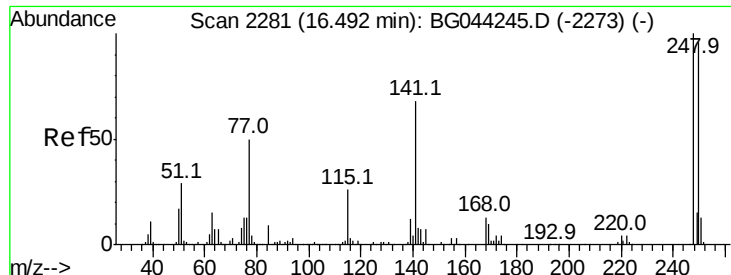
Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.4	57.9	86.9
167	38.7	30.7	46.1

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





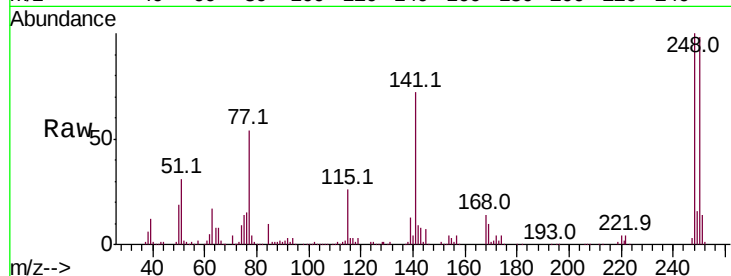
#67
4-Bromophenyl-phenylether
Concen: 35.031 ng
RT: 16.47 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.6	114.8
141	71.8	54.7	82.1

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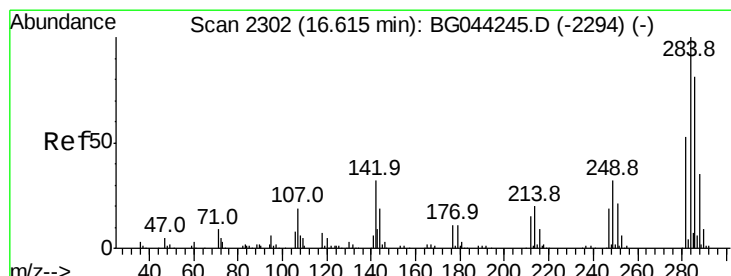
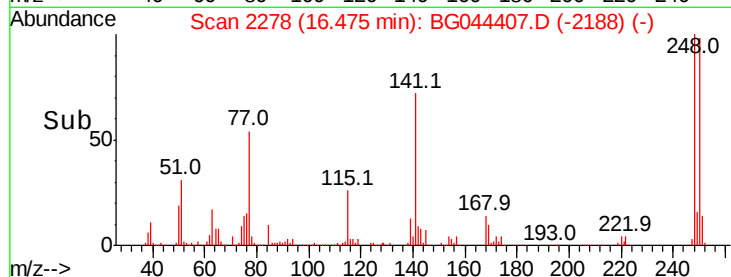
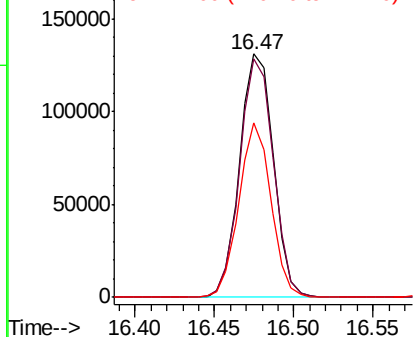


Abundance

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: 34.725 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

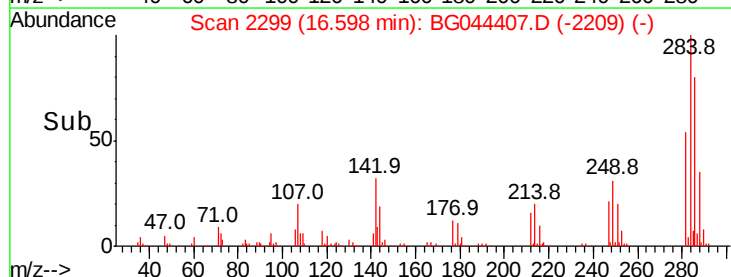
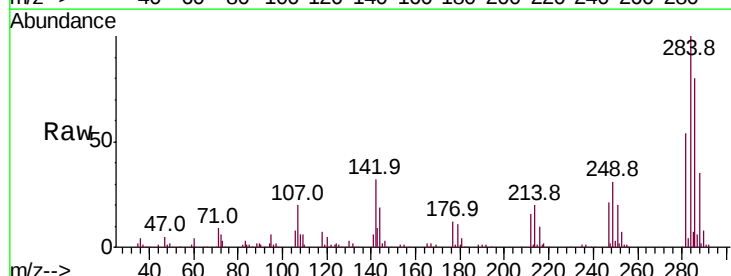
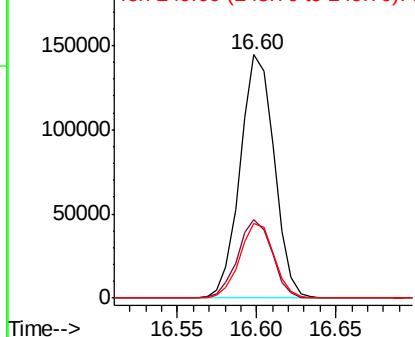
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.3	37.9
249	30.8	25.5	38.3

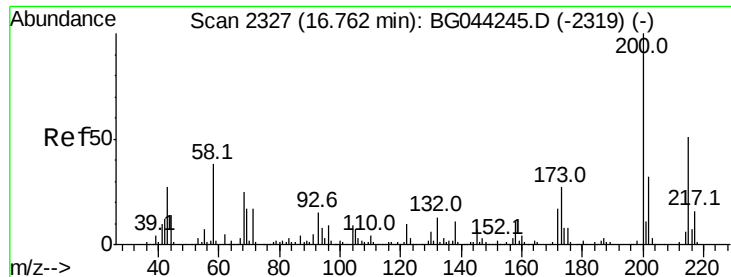
Abundance

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





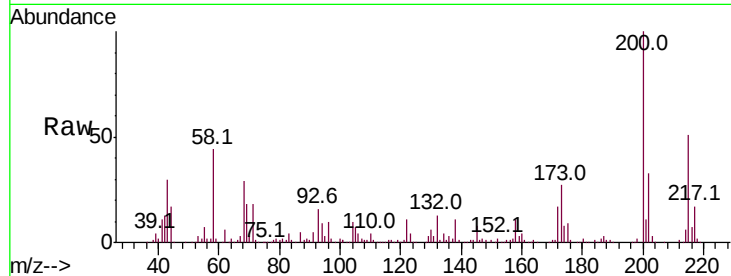
#69
 Atrazine
 Concen: 40.387 ng
 RT: 16.75 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126762BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.7	6.6	46.6
215	51.2	31.0	71.0

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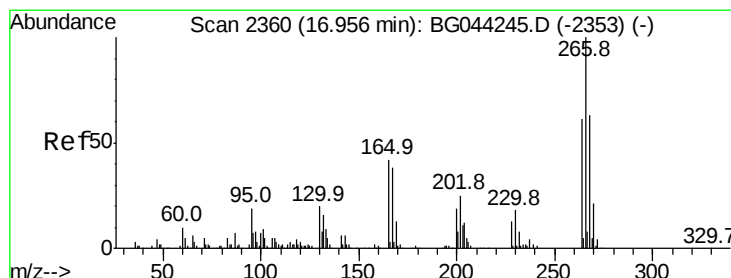
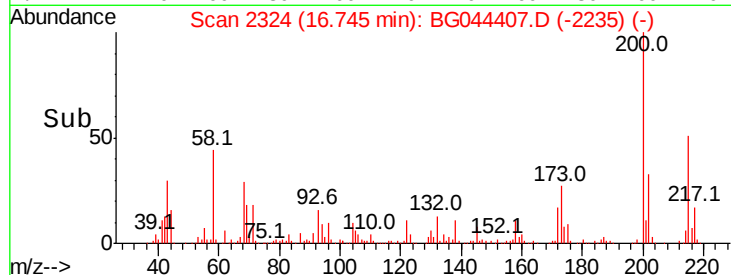
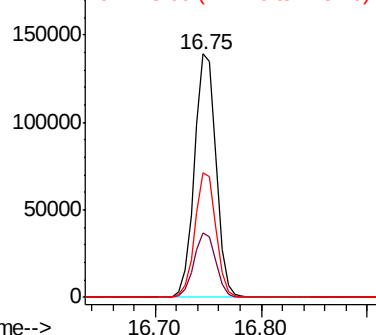


Abundance

Ion 200.00 (199.70 to 200.70): E

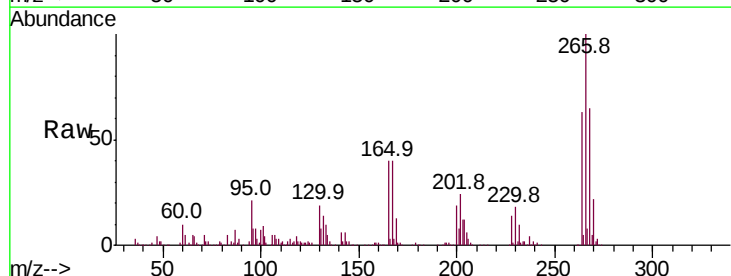
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 73.706 ng
 RT: 16.94 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	50.6	75.8
264	63.0	48.7	73.1

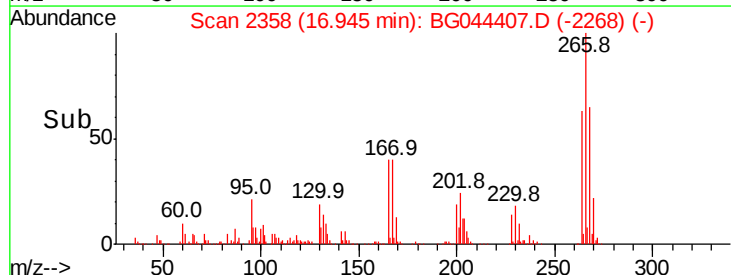
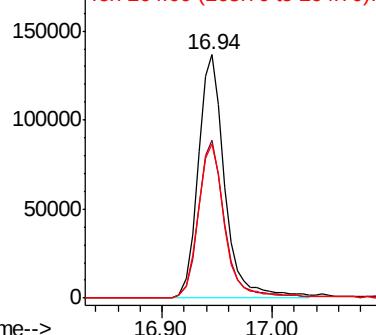


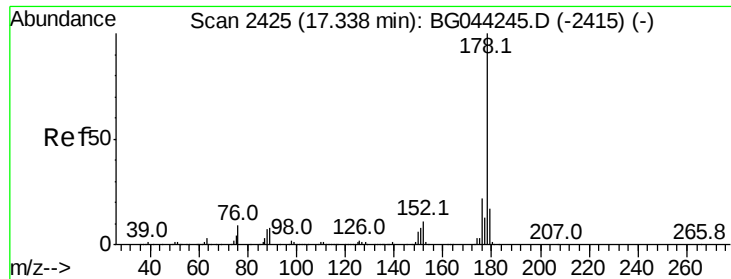
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





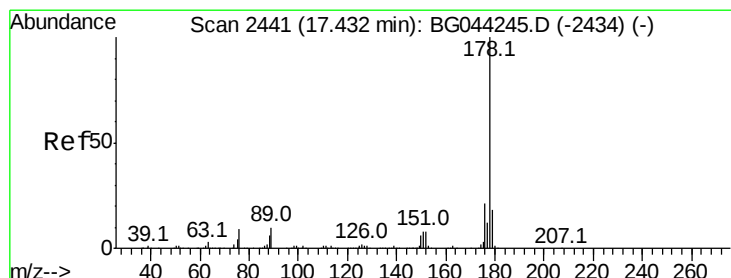
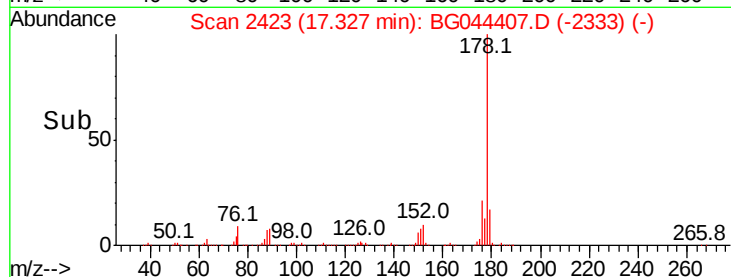
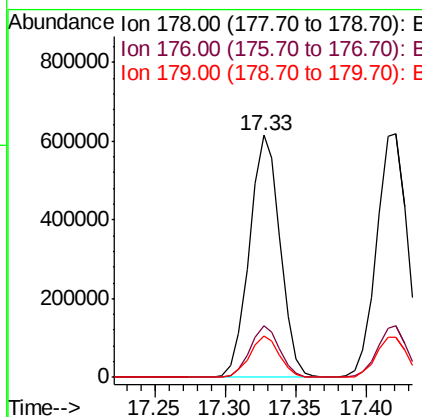
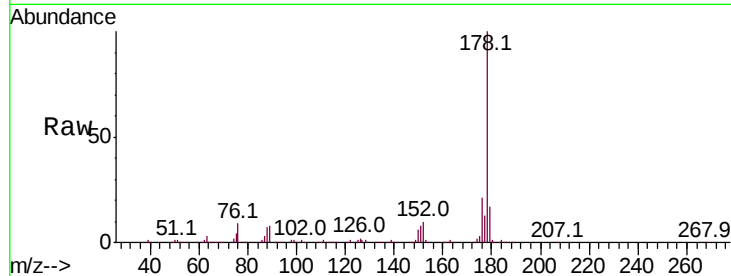
#71
Phenanthrene
Concen: 38.136 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	17.7	26.5
179	17.3	13.7	20.5

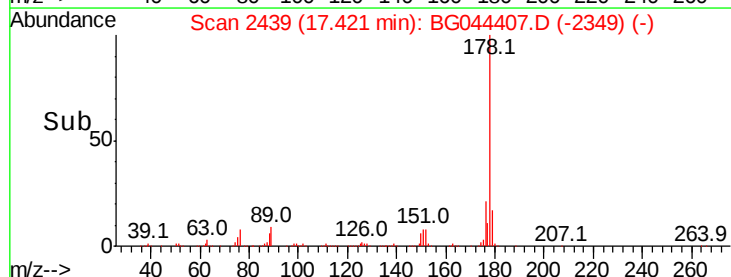
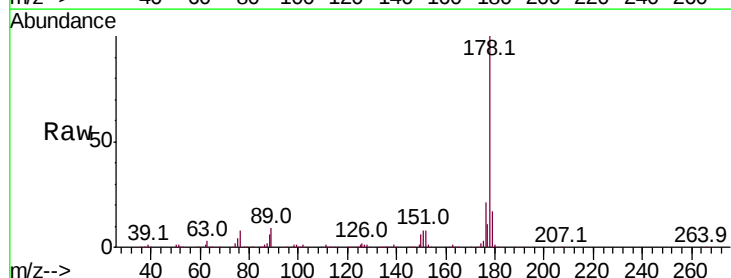
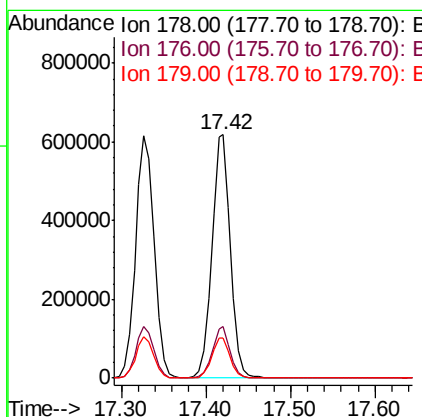
Manual Integrations
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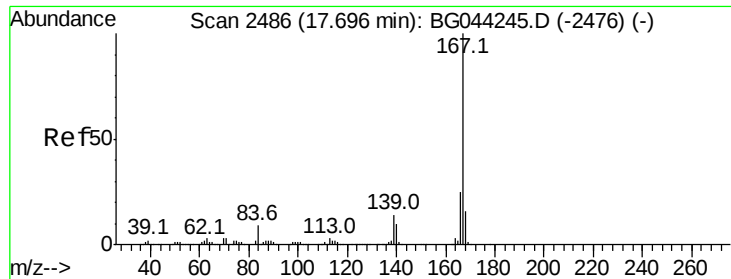
mohammad
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#72
Anthracene
Concen: 38.938 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.0	25.4
179	16.5	14.4	21.6





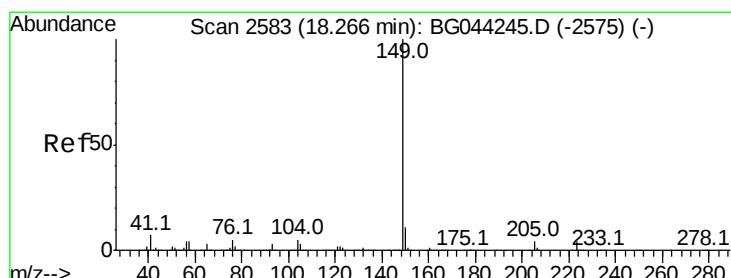
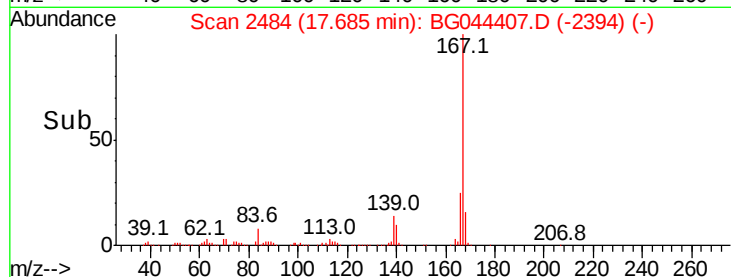
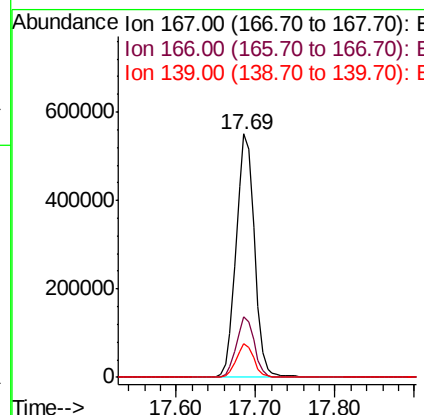
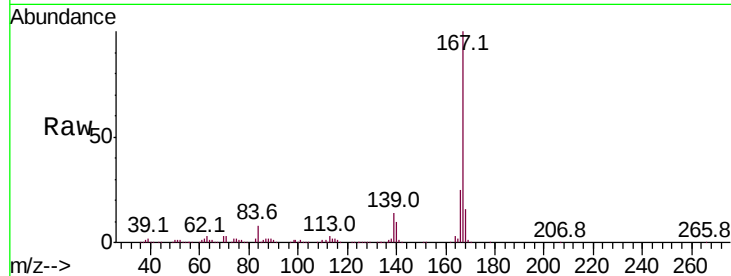
#73
 Carbazole
 Concen: 39.365 ng
 RT: 17.69 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126762BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	13.6	11.1	16.7

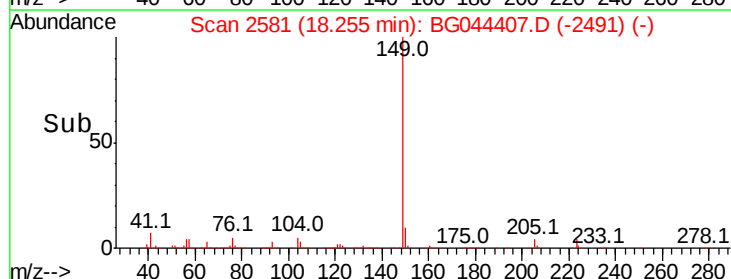
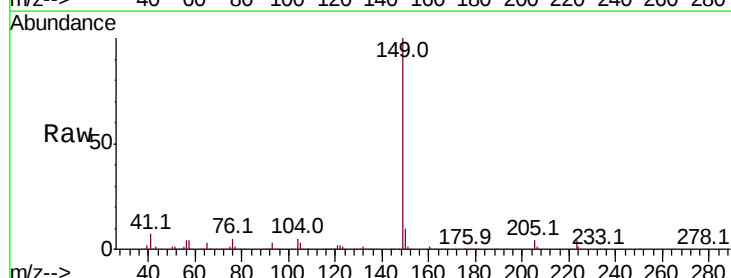
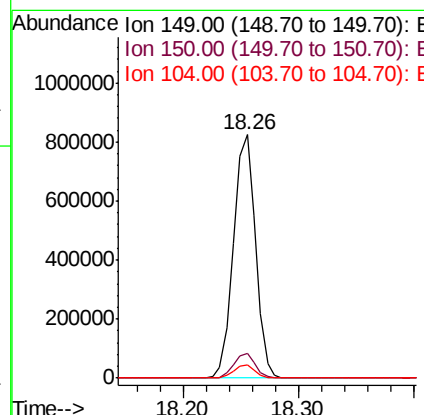
Manual Integrations
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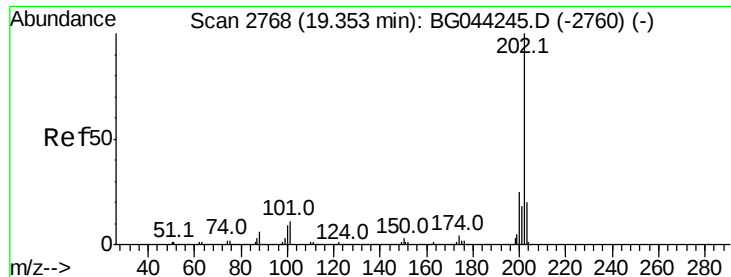
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.182 ng
 RT: 18.26 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.7	13.1
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 39.866 ng

RT: 19.34 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

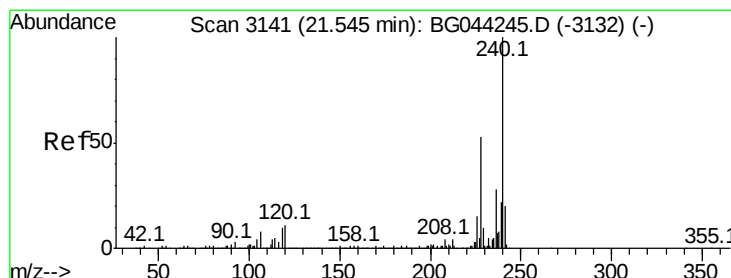
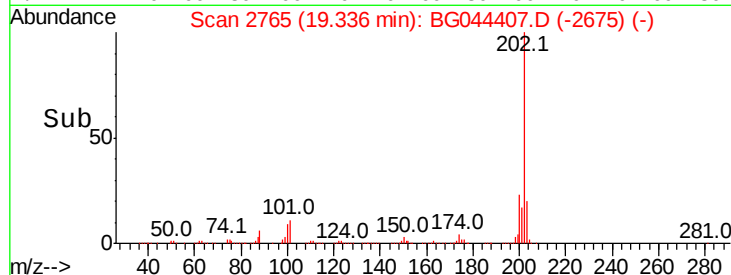
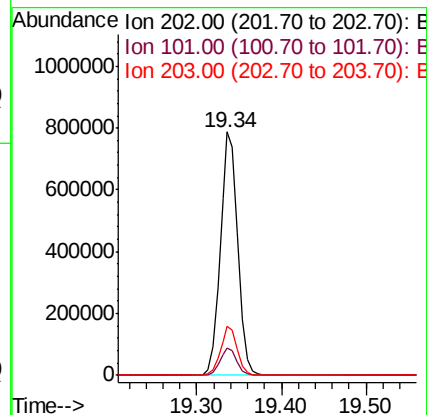
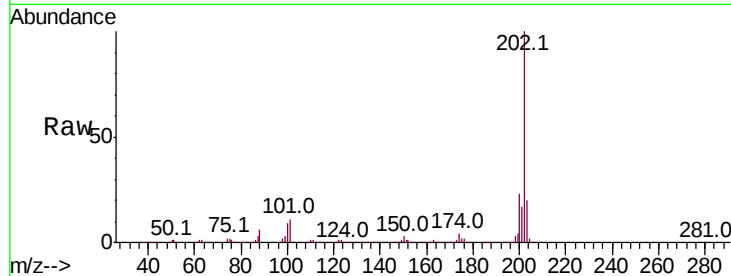
ClientSampleId :

PB126762BS

Tot Ion:	202	Resp:	1136097
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.3
203	20.2	0.0	39.9

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#76

Chrysene-d12

Concen: 20.000 ng

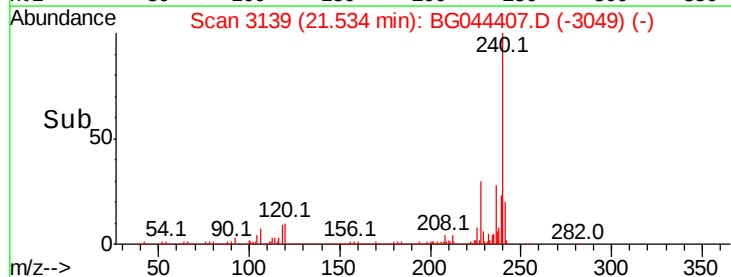
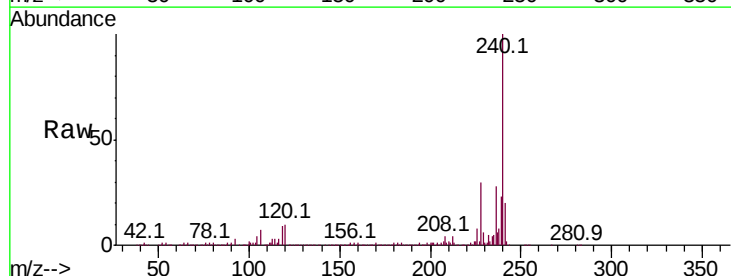
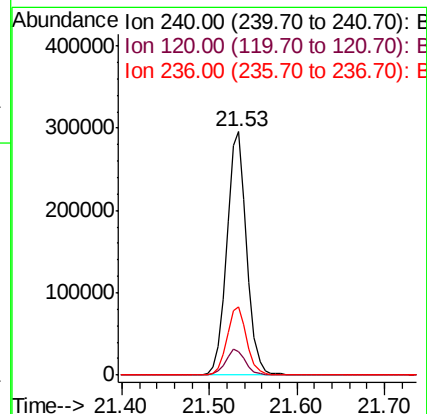
RT: 21.53 min Scan# 3139

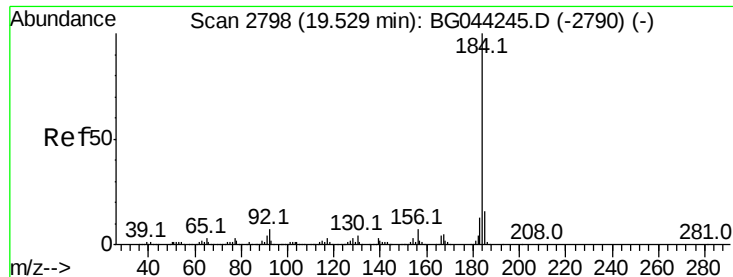
Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion:	240	Resp:	460700
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.4	12.6
236	27.8	22.1	33.1





#77

Benzidine

Concen: 21.308 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

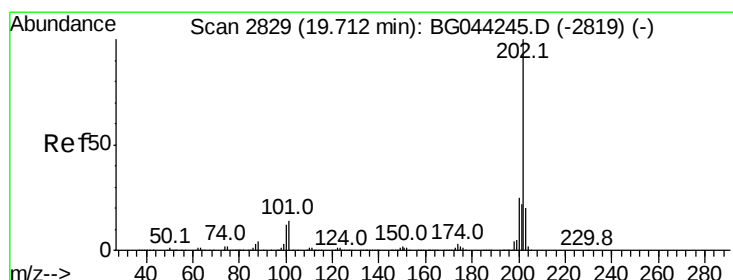
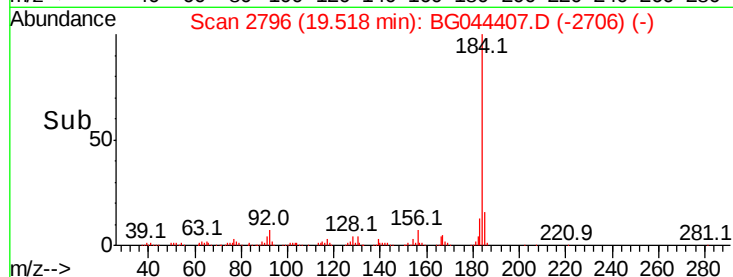
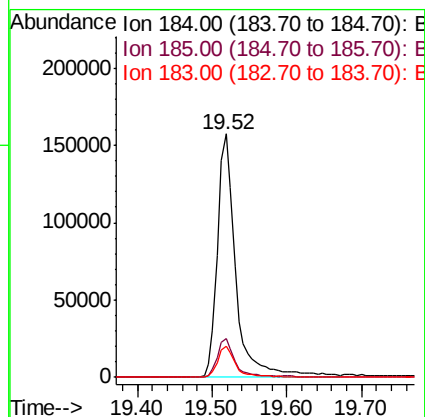
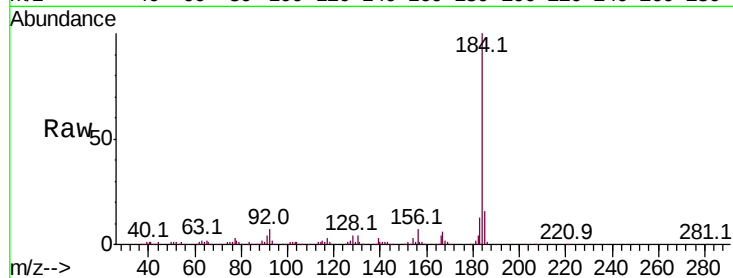
ClientSampleId :

PB126762BS

Tot Ion:	184	Resp:	272294
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.9	19.3
183	12.6	10.8	16.2

Manual Integrations
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#78

Pyrene

Concen: 38.772 ng

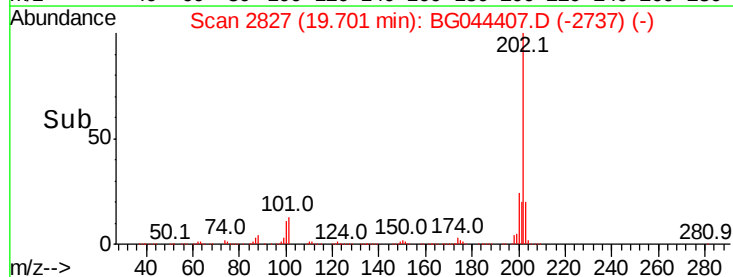
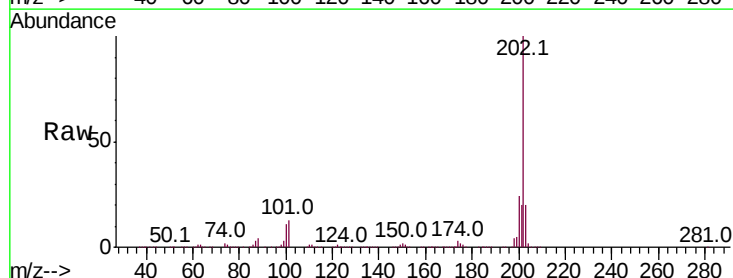
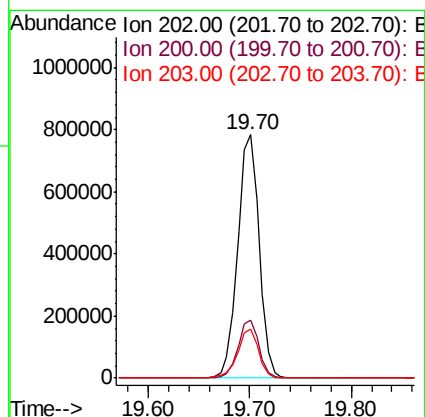
RT: 19.70 min Scan# 2827

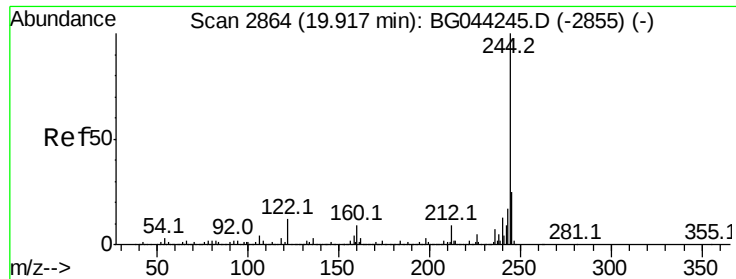
Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Tgt Ion:	202	Resp:	1147106
Ion Ratio	Lower	Upper	
202	100		
200	23.9	20.0	30.0
203	20.2	16.2	24.2





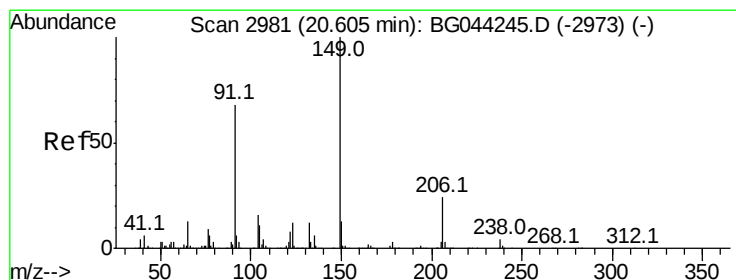
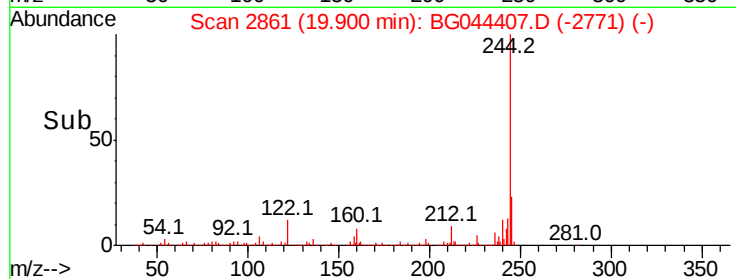
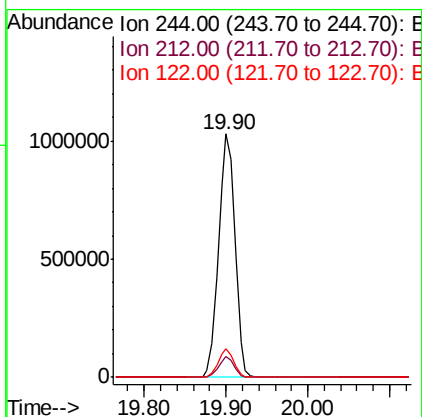
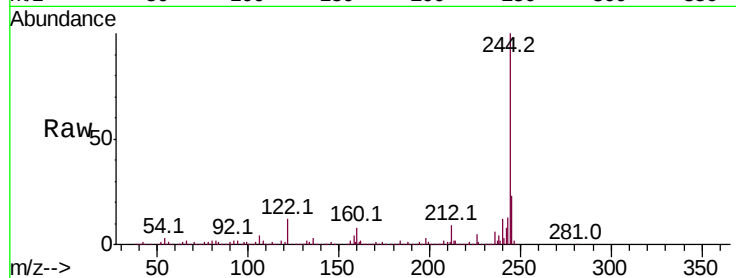
#79
 Terphenyl-d14
 Concen: 64.198 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Instrument :
 BNA_G
 ClientSampled :
 PB126762BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	11.7	9.8	14.6

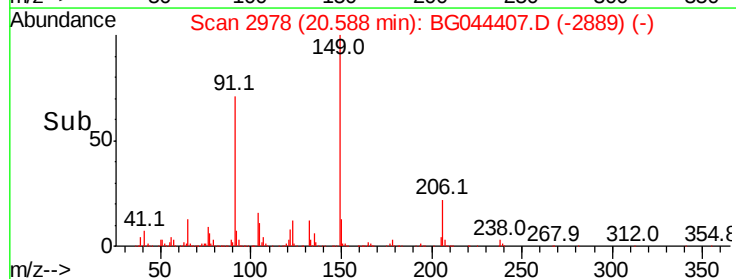
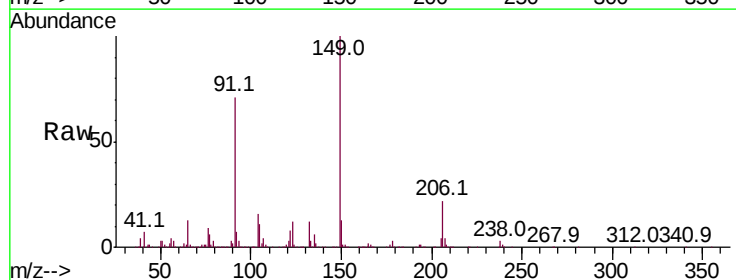
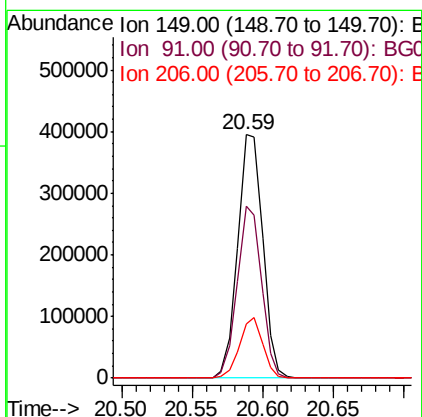
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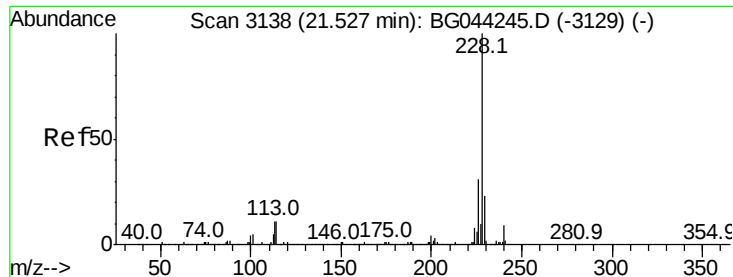
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.402 ng
 RT: 20.59 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BG044407.D
 Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	54.5	81.7
206	22.4	19.1	28.7





#81

Benzo(a)anthracene

Concen: 38.243 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126762BS

Tot Ion:228 Resp: 1085846

Ion Ratio Lower Upper

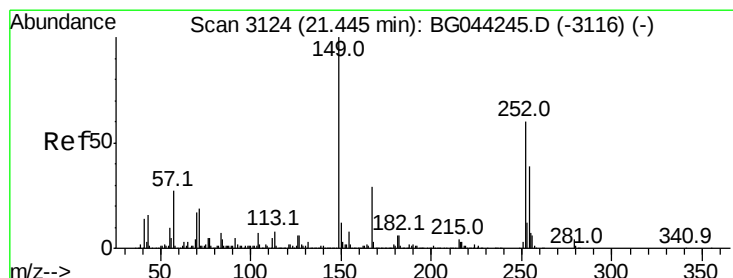
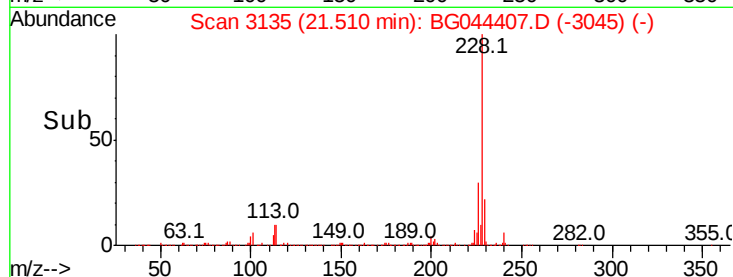
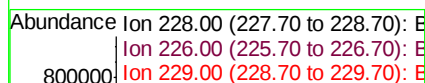
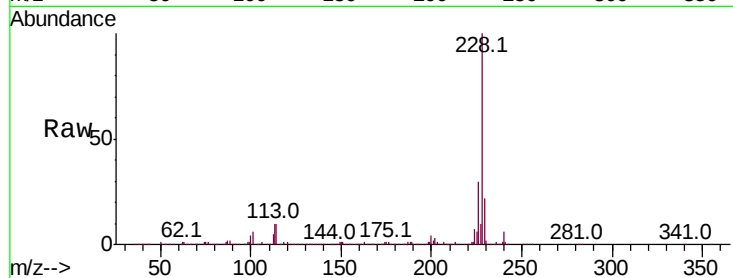
228 100

226 29.6 24.7 37.1

229 22.4 18.2 27.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.474 ng

RT: 21.43 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

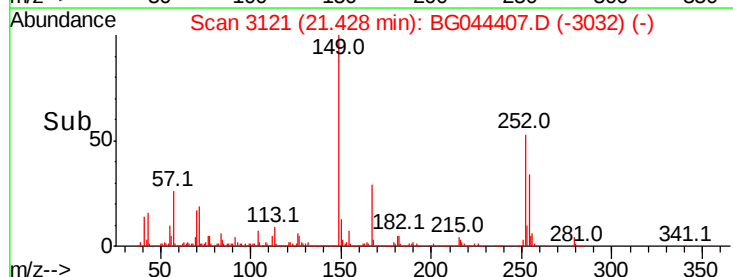
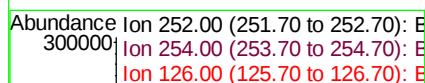
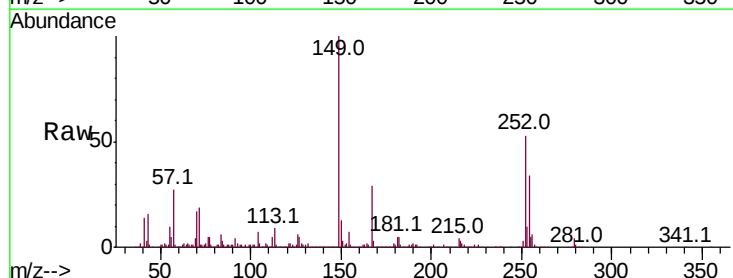
Tgt Ion:252 Resp: 335817

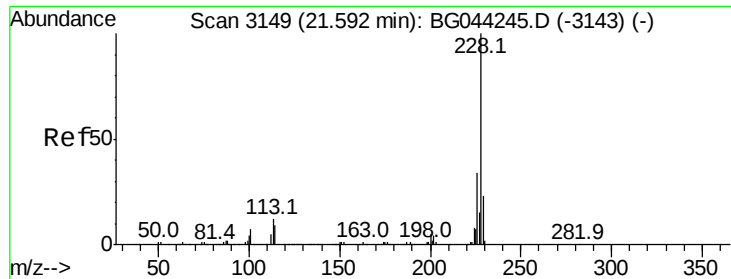
Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

126 10.9 8.2 12.4





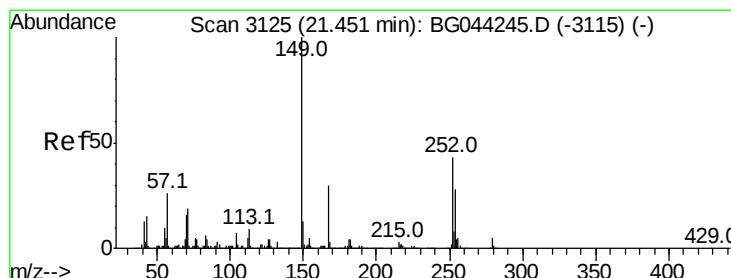
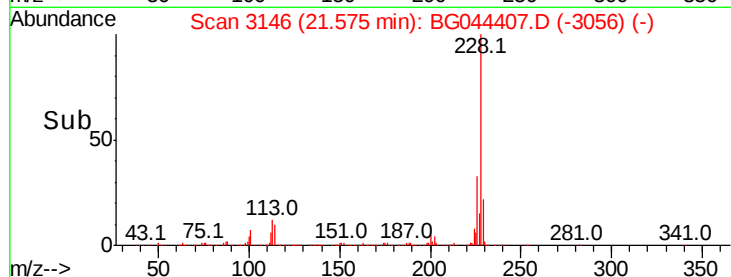
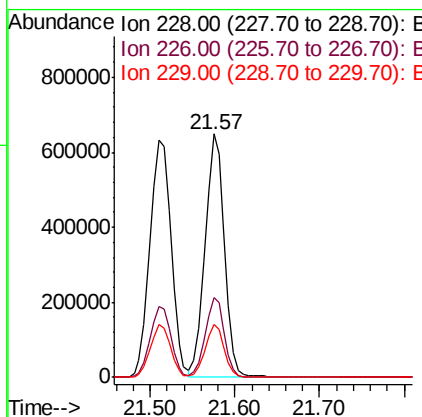
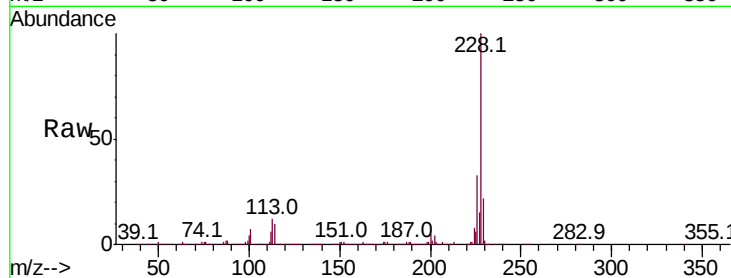
#83
Chrysene
Concen: 37.875 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion:228 Resp: 1039485
Ion Ratio Lower Upper
228 100
226 33.0 27.1 40.7
229 21.8 17.9 26.9

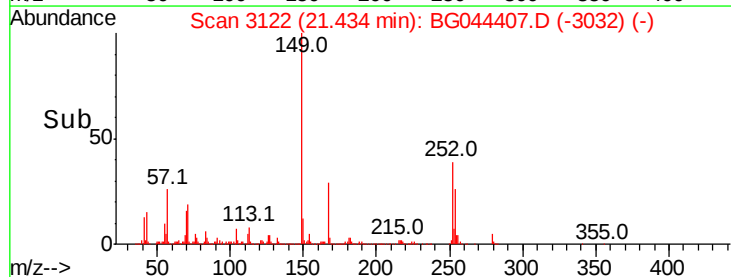
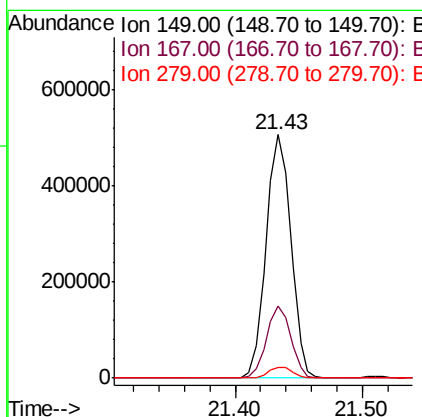
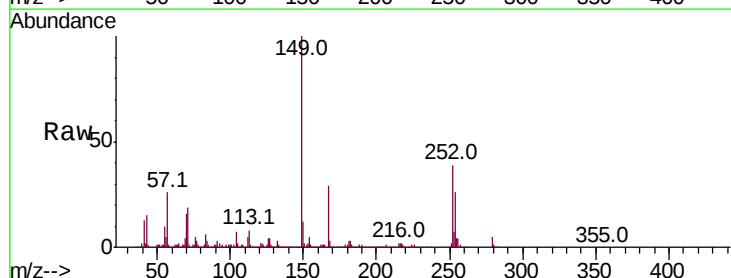
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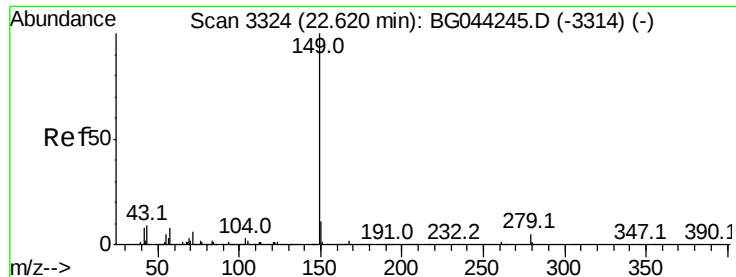
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.463 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion:149 Resp: 695243
Ion Ratio Lower Upper
149 100
167 29.4 24.0 36.0
279 4.6 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 37.791 ng

RT: 22.60 min Scan# 3320

Delta R.T. -0.01 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126762BS

Tot Ion:149 Resp: 1213444

Ion Ratio Lower Upper

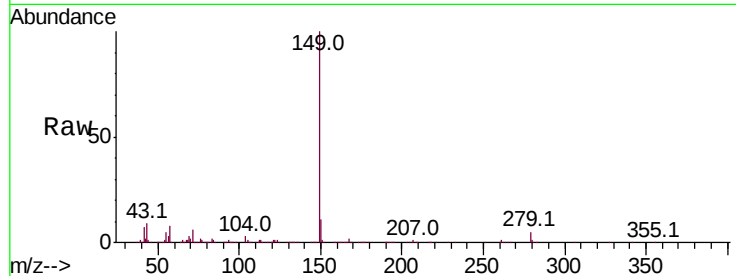
149 100

167 1.6 1.3 1.9

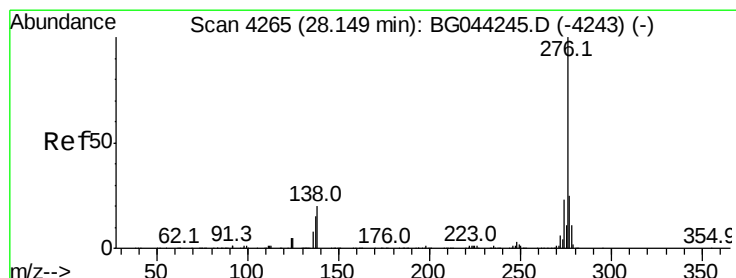
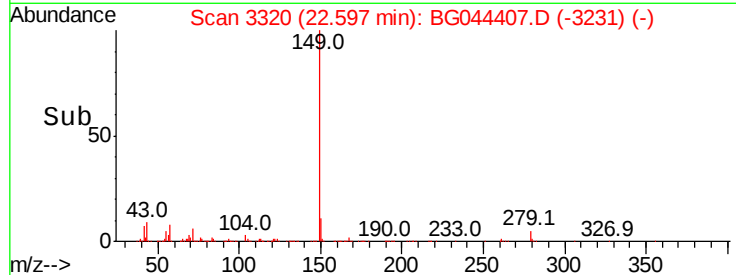
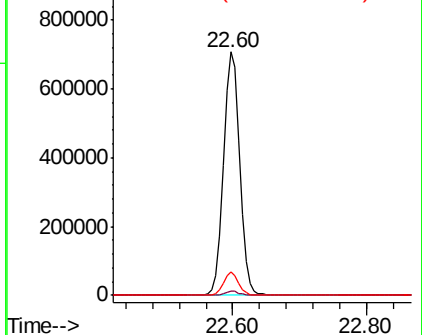
43 8.8 7.4 11.0

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.694 ng

RT: 28.11 min Scan# 4259

Delta R.T. -0.00 min

Lab File: BG044407.D

Acq: 12 Feb 2020 13:45

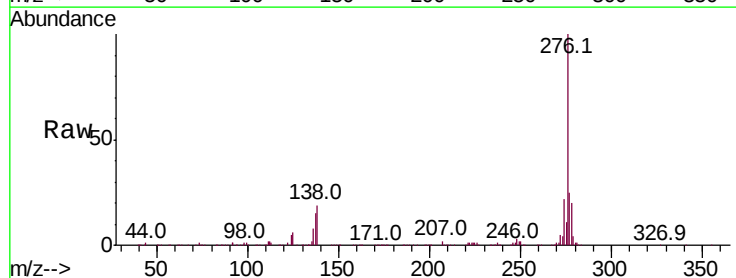
Tgt Ion:276 Resp: 1313862

Ion Ratio Lower Upper

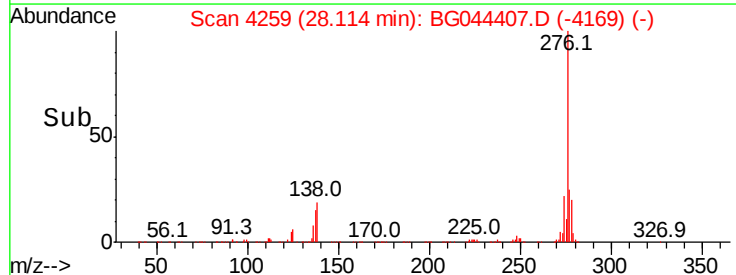
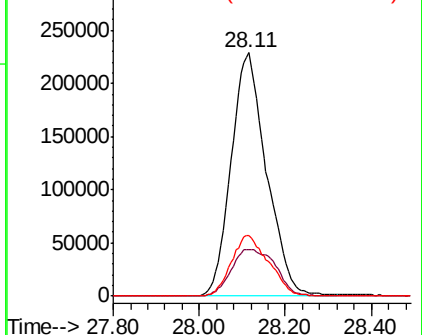
276 100

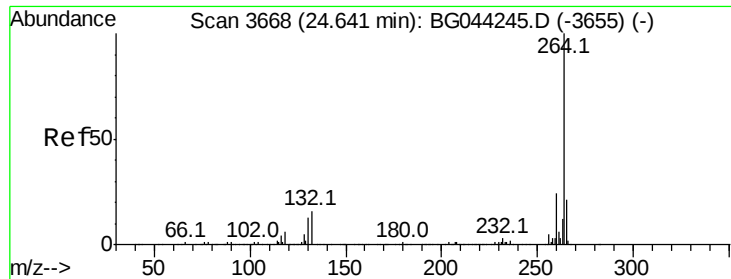
138 24.1 19.4 29.0

277 26.3 21.0 31.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





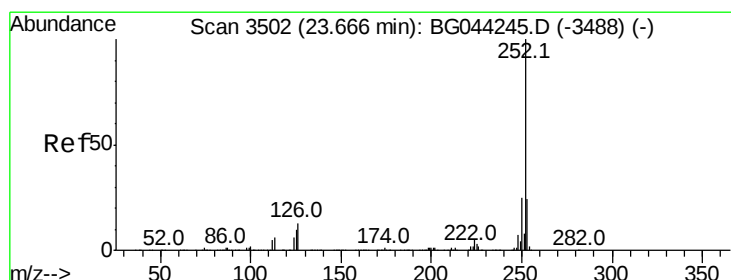
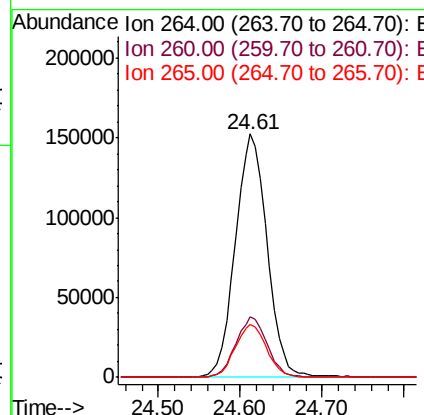
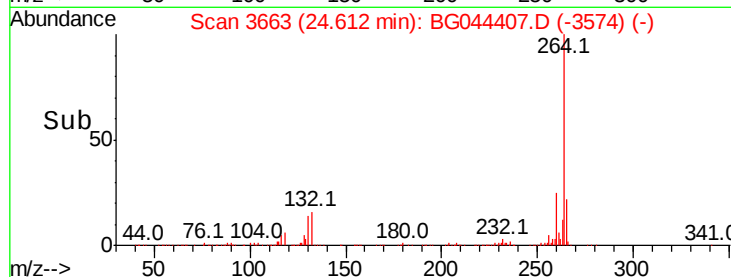
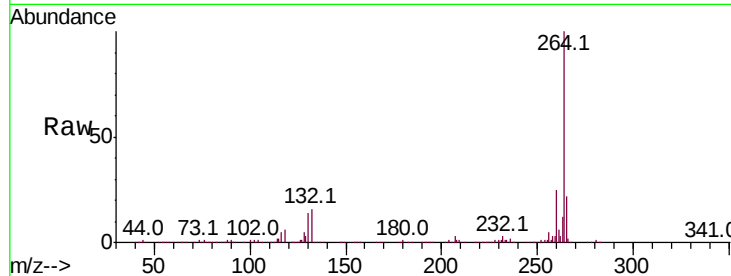
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.6	16.7	25.1

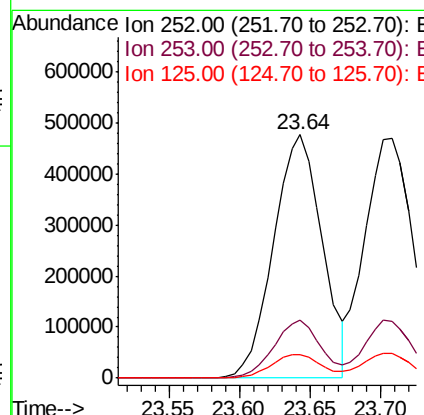
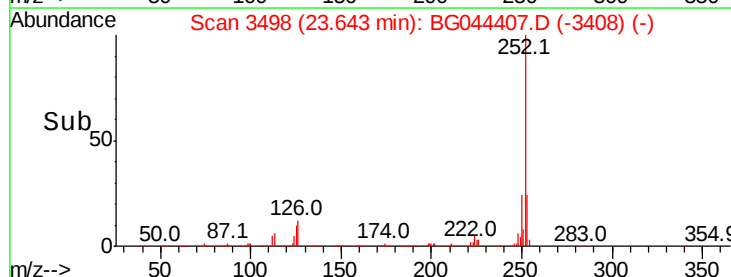
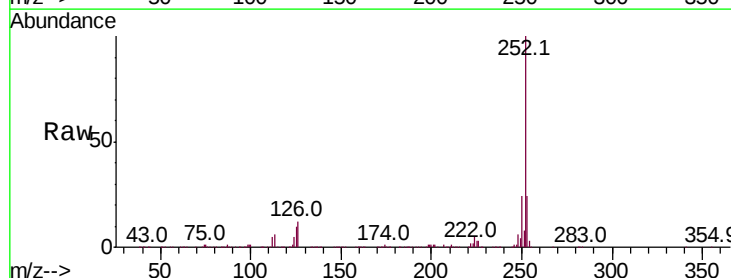
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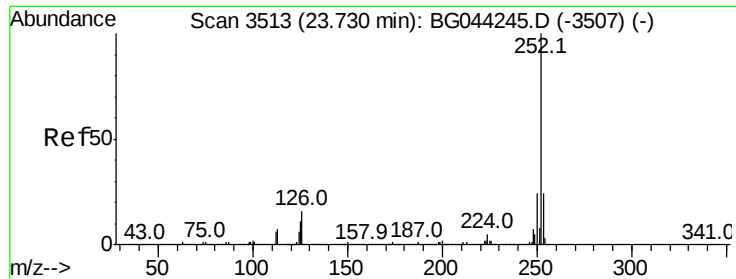
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.174 ng
RT: 23.64 min Scan# 3498
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	9.7	8.4	12.6





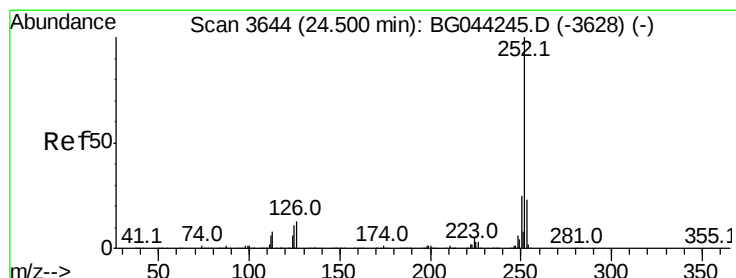
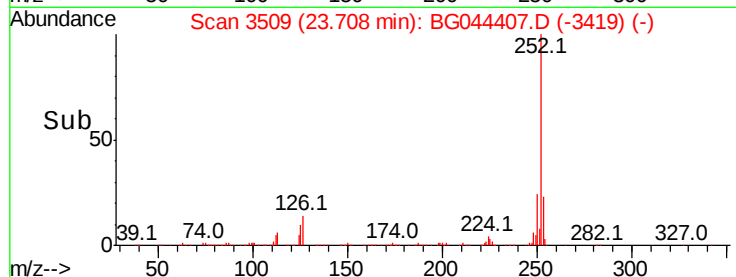
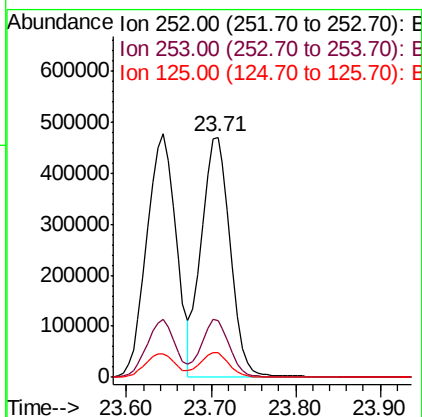
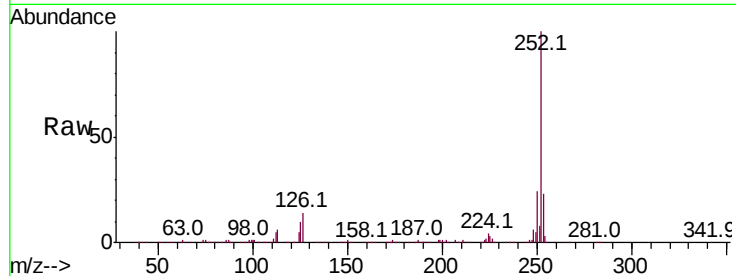
#89
Benzo(k)fluoranthene
Concen: 48.467 ng
RT: 23.71 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	10.2	8.6	12.8

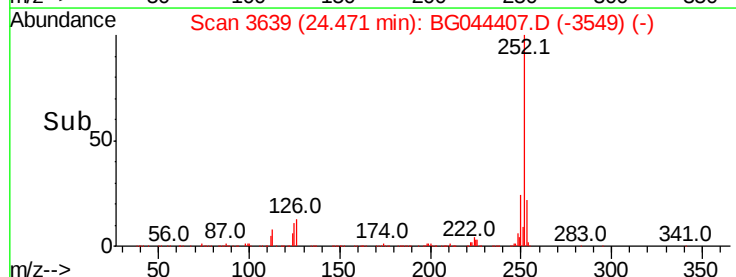
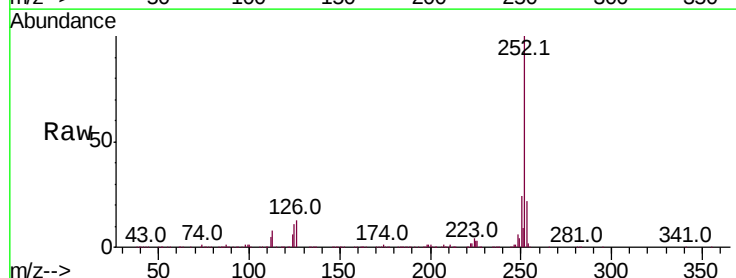
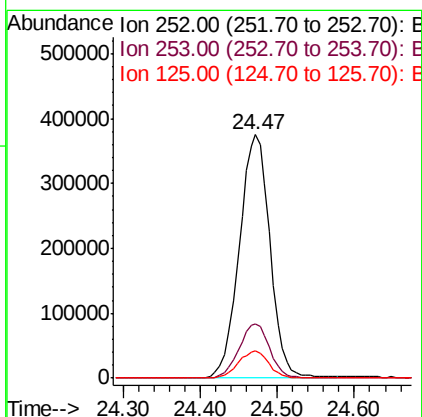
Manual Integrations
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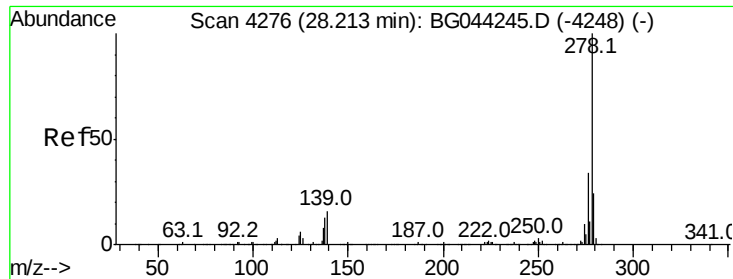
mohammad
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#90
Benzo(a)pyrene
Concen: 46.519 ng
RT: 24.47 min Scan# 3639
Delta R.T. -0.00 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.0	8.6	13.0





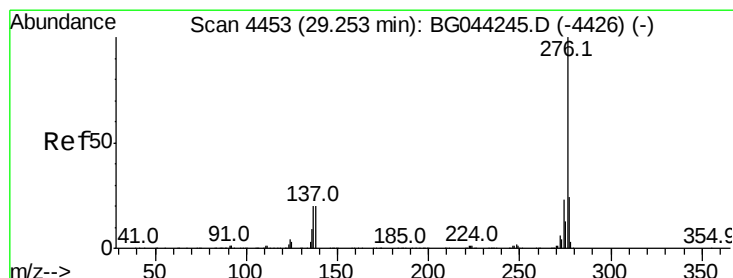
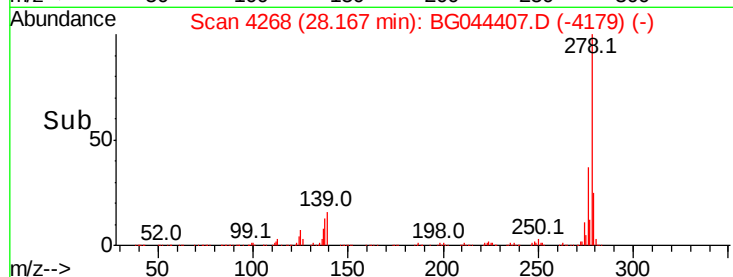
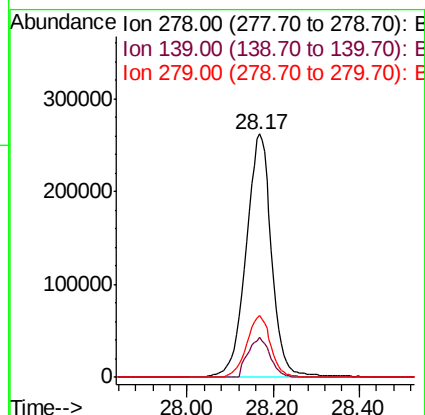
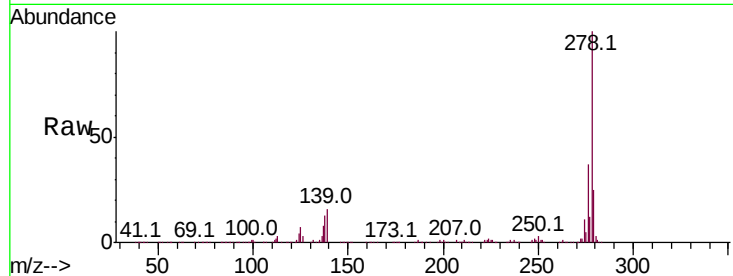
#91
Dibenzo(a,h)anthracene
Concen: 49.332 ng
RT: 28.17 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126762BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.7	19.1
279	25.5	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/13/2020 3:33:53 PM



#92
Benzo(g,h,i)perylene
Concen: 50.087 ng
RT: 29.20 min Scan# 4443
Delta R.T. -0.01 min
Lab File: BG044407.D
Acq: 12 Feb 2020 13:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.6	16.2	24.2

