

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041796.D
 Acq On : 30 Jul 2019 10:11
 Operator : HP/JU
 Sample : PB121767BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BS

Manual Integrations
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Quant Time: Jul 31 06:41:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	89071	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	375283	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	286807	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	658815	20.00	ng	0.00
76) Chrysene-d12	21.74	240	655831	20.00	ng	0.00
87) Perylene-d12	25.02	264	747757	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	604859	132.12	ng	0.00
7) Phenol-d6	7.21	99	831329	134.70	ng	0.01
23) Nitrobenzene-d5	9.22	82	477893	87.63	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	450985	138.44	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1332305	81.93	ng	0.00
79) Terphenyl-d14	20.07	244	2276501	79.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	85277	39.576	ng	90
3) Pyridine	3.87	79	166013	28.096	ng	88
4) n-Nitrosodimethylamine	3.78	42	86171	36.788	ng	97
6) Aniline	7.37	93	272783	31.388	ng	96
8) 2-Chlorophenol	7.61	128	234848	44.799	ng	93
9) Benzaldehyde	7.18	77	37782	8.700	ng	91
10) Phenol	7.23	94	283888	44.213	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	202610	38.383	ng	92
12) 1,3-Dichlorobenzene	7.94	146	248409	36.307	ng	99
13) 1,4-Dichlorobenzene	8.09	146	250784	36.632	ng	98
14) 1,2-Dichlorobenzene	8.41	146	243552	37.283	ng	94
15) Benzyl Alcohol	8.29	79	202524	41.709	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	346136	36.857	ng	96
17) 2-Methylphenol	8.49	107	200494	42.935	ng	98
18) Hexachloroethane	9.15	117	87657	37.390	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	174353	38.911	ng	# 93
20) 3+4-Methylphenols	8.82	107	279585	43.752	ng	98
22) Acetophenone	8.87	105	338780	40.359	ng	# 93
24) Nitrobenzene	9.26	77	244926	42.632	ng	99
25) Isophorone	9.79	82	481680	40.603	ng	99
26) 2-Nitrophenol	9.97	139	127605	47.857	ng	95
27) 2,4-Dimethylphenol	10.03	122	233601	49.639	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	285806	38.553	ng	99
29) 2,4-Dichlorophenol	10.51	162	262497	45.804	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	282960	38.936	ng	97
31) Naphthalene	10.93	128	703455	40.957	ng	97
32) Benzoic acid	10.17	122	132220	40.905	ng	98
33) 4-Chloroaniline	11.03	127	202084	24.810	ng	95
34) Hexachlorobutadiene	11.22	225	181644	37.034	ng	99
35) Caprolactam	11.79	113	96539m	48.472	ng	
36) 4-Chloro-3-methylphenol	12.15	107	267201	47.028	ng	97
37) 2-Methylnaphthalene	12.53	142	568494	41.816	ng	98
38) 1-Methylnaphthalene	12.75	142	544532	42.265	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	352195	38.794	ng	99

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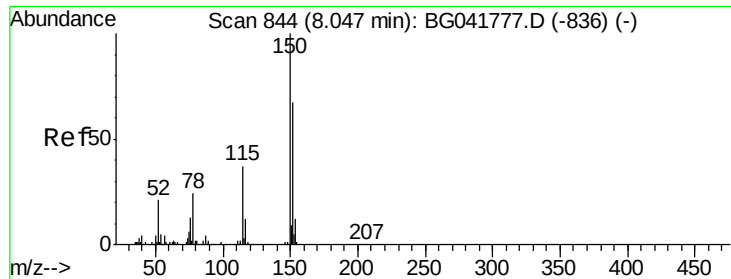
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	435609	85.342	nq	99
43) 2,4,6-Trichlorophenol	13.13	196	245304	42.750	nq	97
44) 2,4,5-Trichlorophenol	13.21	196	266933	44.765	nq	93
46) 1,1'-Biphenyl	13.54	154	742771	40.288	nq	96
47) 2-Chloronaphthalene	13.58	162	599166	38.171	nq	99
48) 2-Nitroaniline	13.78	65	176759	44.400	nq	93
49) Acenaphthylene	14.43	152	966747	41.173	nq	97
50) Dimethylphthalate	14.16	163	821208	41.925	nq	99
51) 2,6-Dinitrotoluene	14.27	165	191663	46.795	nq	89
52) Acenaphthene	14.77	154	683335	44.746	nq	99
53) 3-Nitroaniline	14.60	138	144411	32.957	nq #	89
54) 2,4-Dinitrophenol	14.80	184	229516	88.735	nq	87
55) Dibenzofuran	15.10	168	969135	41.490	nq	96
56) 4-Nitrophenol	14.90	139	330552	99.382	nq	95
57) 2,4-Dinitrotoluene	15.06	165	274435	48.722	nq	93
58) Fluorene	15.76	166	785912	41.926	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	279481	47.323	nq	93
60) Diethylphthalate	15.53	149	816157	42.441	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	464971	40.631	nq	96
62) 4-Nitroaniline	15.77	138	202933	42.758	nq	98
63) Azobenzene	16.04	77	656166	41.770	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	151859	47.225	nq	84
66) n-Nitrosodiphenylamine	15.96	169	760942	42.402	nq	96
67) 4-Bromophenyl-phenylether	16.64	248	324518	39.988	nq	97
68) Hexachlorobenzene	16.77	284	331590	39.056	nq	93
69) Atrazine	16.91	200	306601	43.484	nq	99
70) Pentachlorophenol	17.11	266	446003	92.473	nq	98
71) Phenanthrene	17.50	178	1332554	42.198	nq	96
72) Anthracene	17.59	178	1359150	43.155	nq	97
73) Carbazole	17.85	167	1236612	43.746	nq	95
74) Di-n-butylphthalate	18.42	149	1398446	43.637	nq	97
75) Fluoranthene	19.51	202	1671899	43.556	nq	94
77) Benzidine	19.68	184	719900	33.630	nq	98
78) Pyrene	19.87	202	1658825	42.691	nq	95
80) Butylbenzylphthalate	20.76	149	660893	44.362	nq	88
81) Benzo(a)anthracene	21.72	228	1593628	41.071	nq	95
82) 3,3'-Dichlorobenzidine	21.63	252	528035	33.894	nq	97
83) Chrysene	21.79	228	1579142	42.457	nq	96
84) Bis(2-ethylhexyl)phthalate	21.64	149	909673	44.266	nq	98
85) Di-n-octyl phthalate	22.88	149	1557423	45.032	nq #	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	2094401	42.537	nq #	90
88) Benzo(b)fluoranthene	23.97	252	1794198	43.862	nq	97
89) Benzo(k)fluoranthene	24.05	252	1743819	43.764	nq #	97
90) Benzo(a)pyrene	24.86	252	1771607	45.158	nq #	95
91) Dibenzo(a,h)anthracene	28.84	278	1721145	44.680	nq #	95
92) Benzo(g,h,i)perylene	29.93	276	1737518	45.146	nq #	95

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



#1

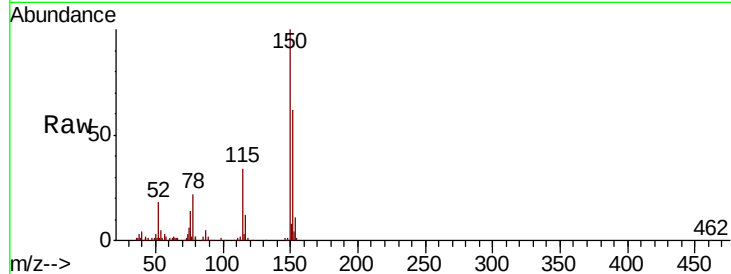
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

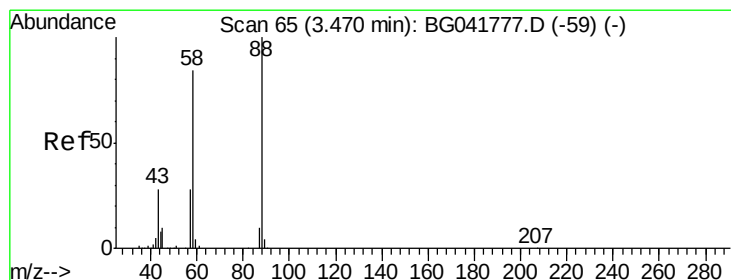
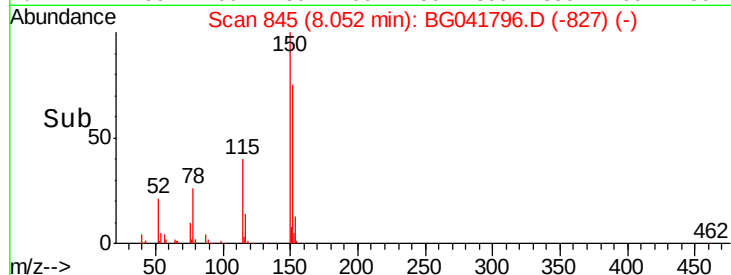
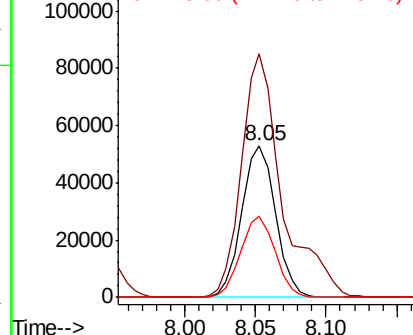
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.9	190.3
115	53.7	45.0	67.6

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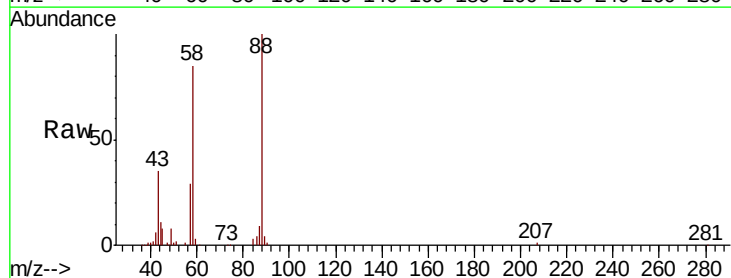
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



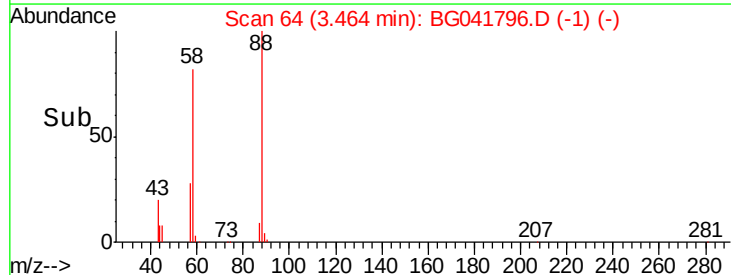
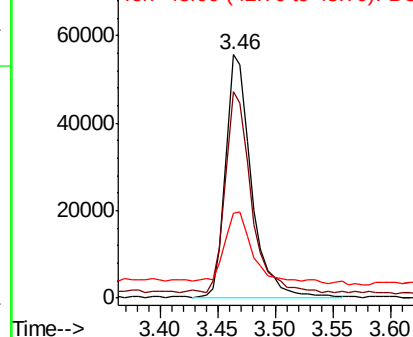
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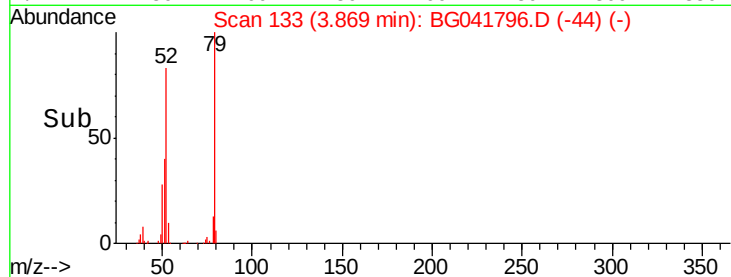
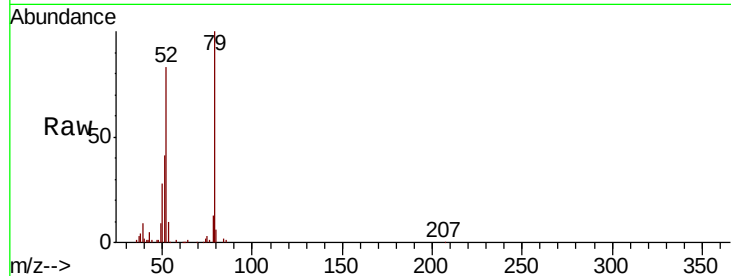
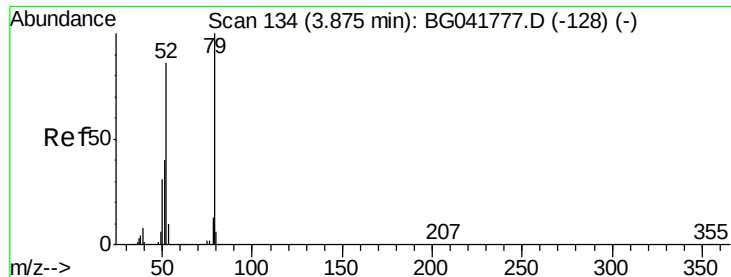
1,4-Dioxane
Concen: 39.576 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	76.2	114.2
43	29.6	27.2	40.8



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





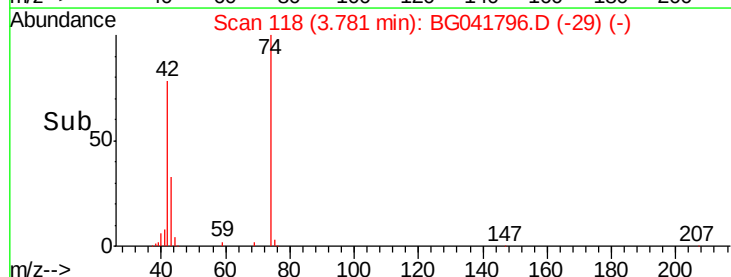
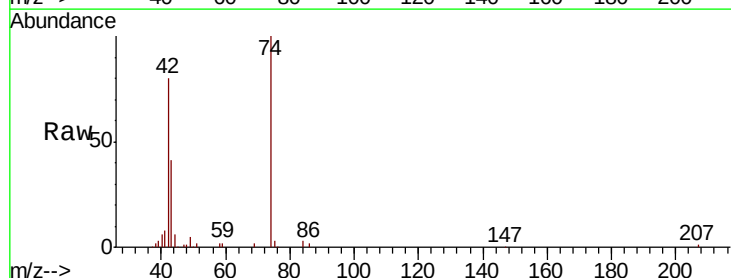
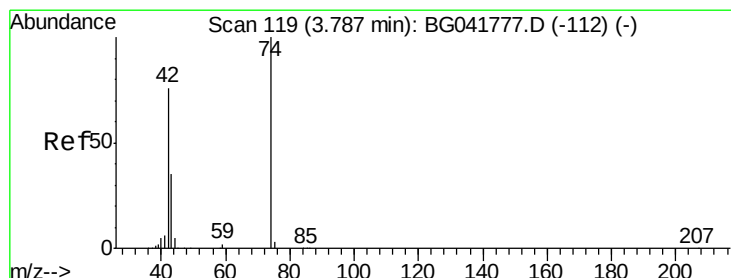
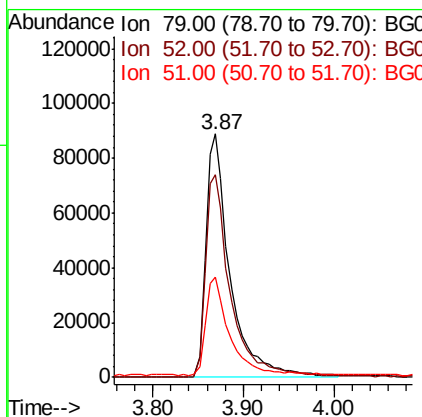
#3
 Pvridine
 Concen: 28.096 ng
 RT: 3.87 min Scan# 133
 Delta R.T. -0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.0	77.1	115.7
51	41.0	37.8	56.8

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 PB121767BS

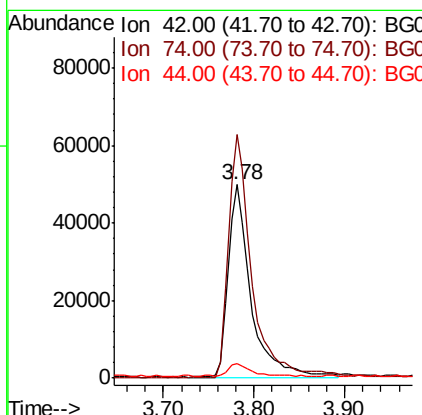
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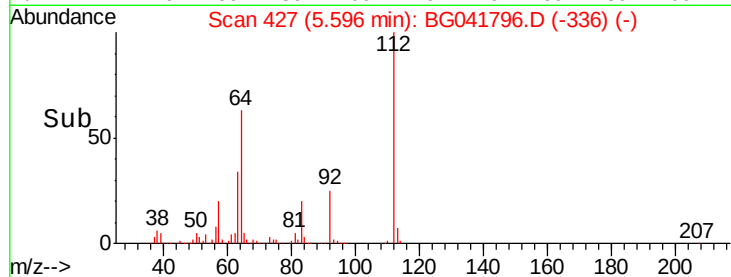
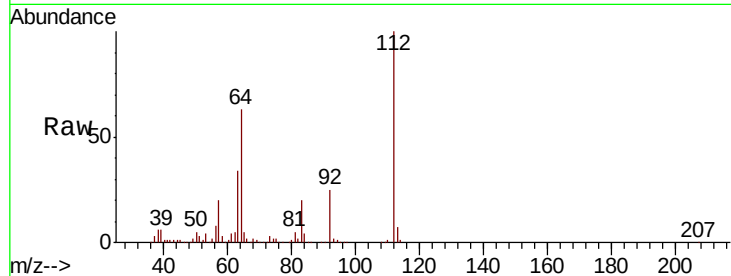
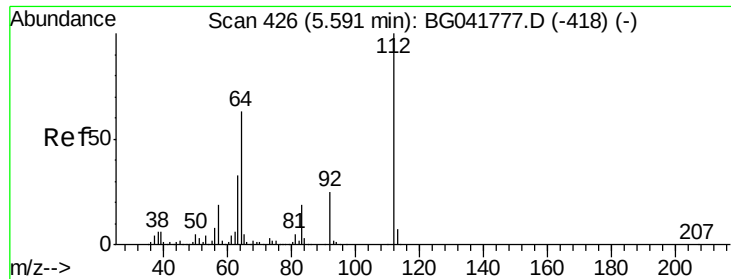
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#4
 n-Nitrosodimethylamine
 Concen: 36.788 ng
 RT: 3.78 min Scan# 118
 Delta R.T. -0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.8	97.4	146.2
44	7.2	6.6	9.8





#5

2-Fluorophenol

Concen: 132.122 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

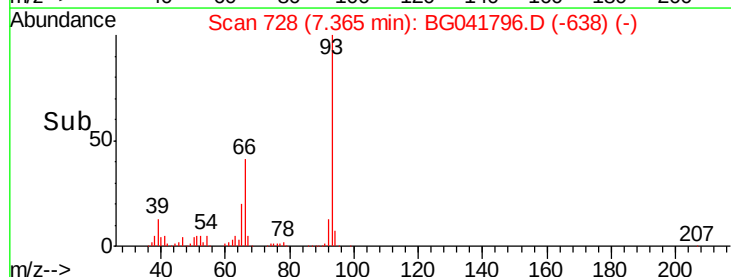
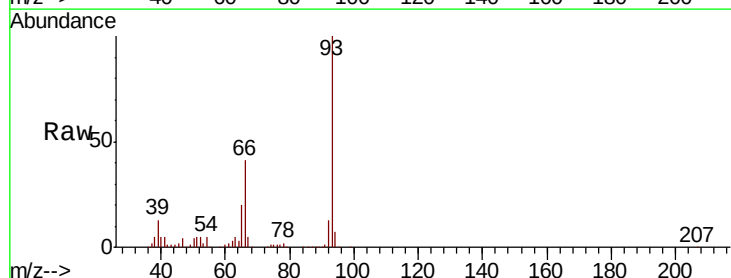
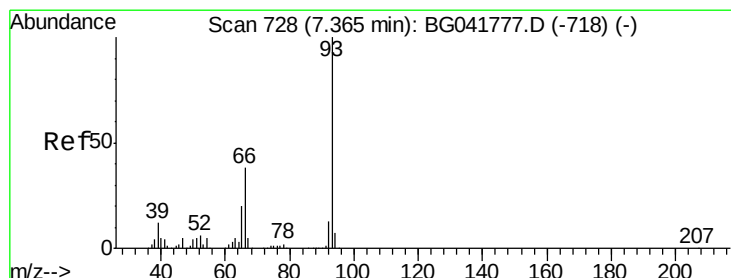
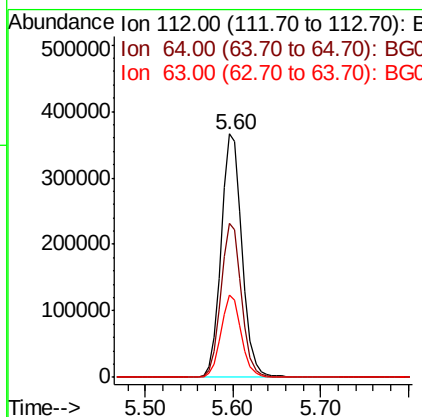
ClientSampleId :

PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	604859		
64	63.1		55.4	83.2
63	33.7		29.1	43.7

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#6

Aniline

Concen: 31.388 ng

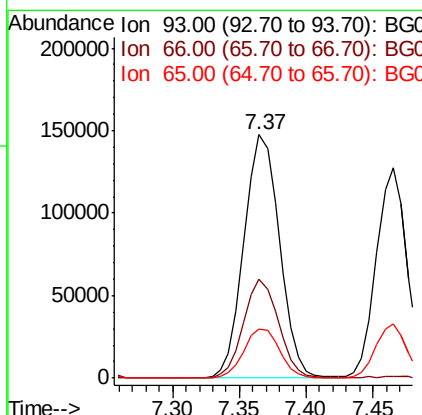
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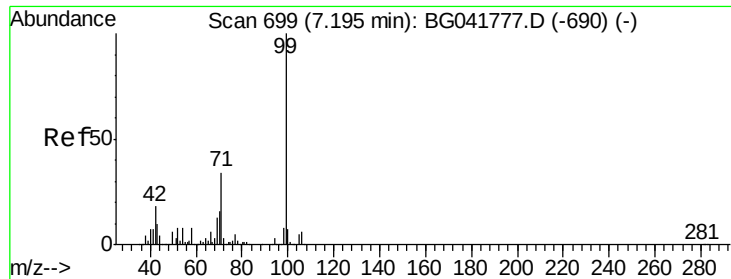
Delta R.T. -0.00 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	272783		
66	40.5		34.2	51.2
65	20.4		18.2	27.2





#7

Phenol-d6

Concen: 134.695 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

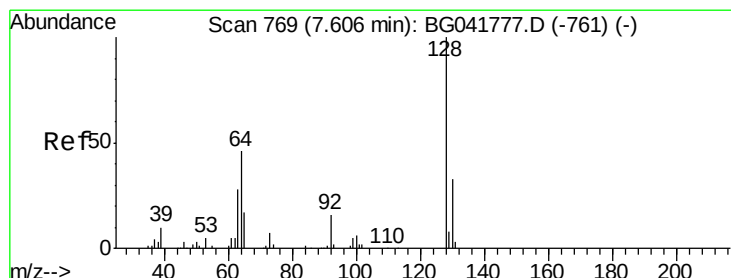
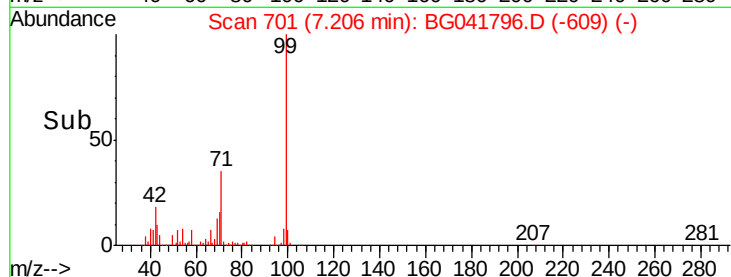
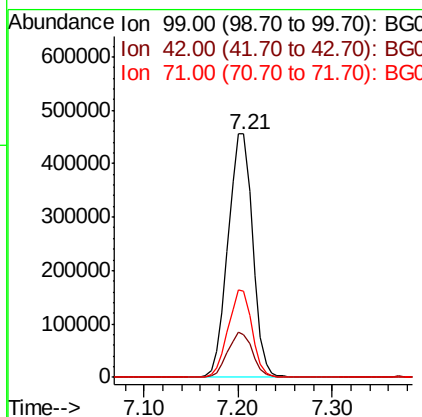
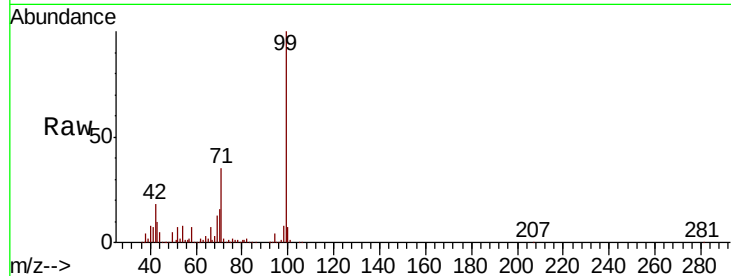
ClientSampleId :

PB121767BS

Tot Ion:	99	Resp:	831329
Ion Ratio	Lower	Upper	
99	100		
42	17.7	17.6	26.4
71	35.3	27.8	41.6

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#8

2-Chlorophenol

Concen: 44.799 ng

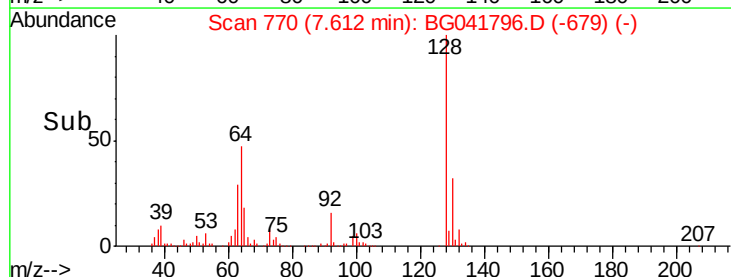
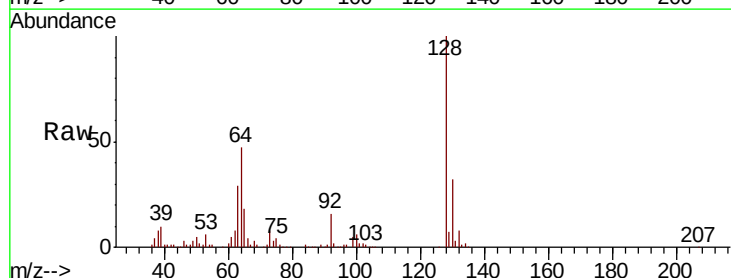
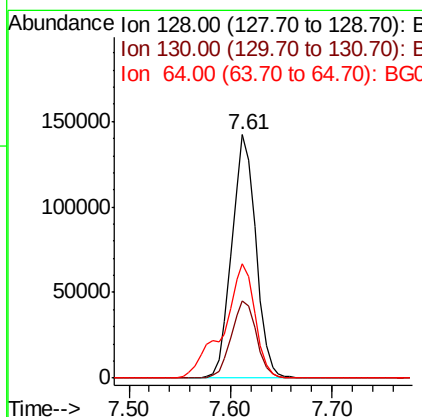
RT: 7.61 min Scan# 770

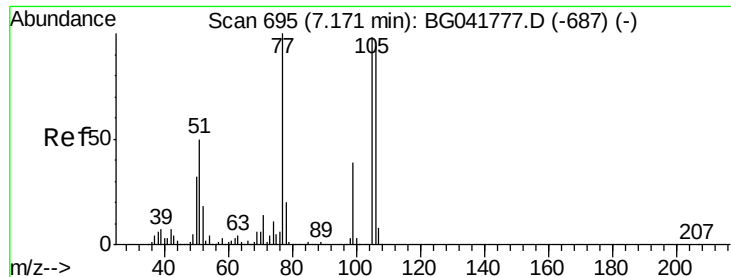
Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Tgt Ion:	128	Resp:	234848
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.4	52.4
64	47.0	34.9	74.9





#9

Benzaldehyde

Concen: 8.700 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

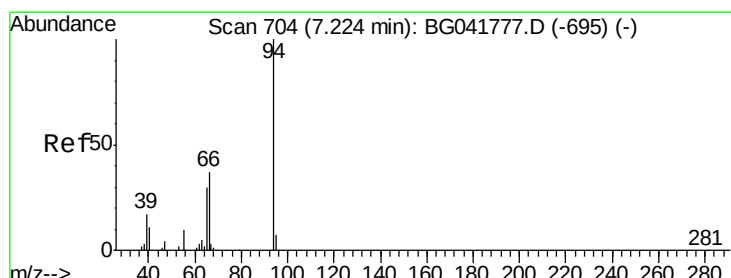
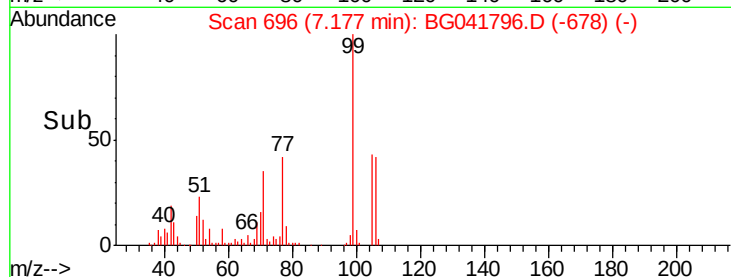
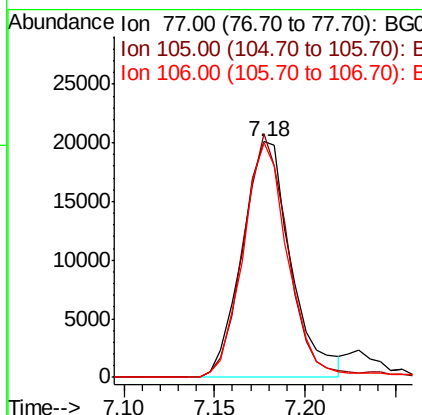
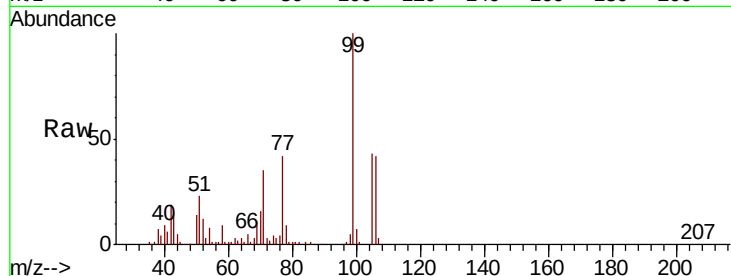
ClientSampleId :

PB121767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.3	74.6	114.6		
106	99.3	71.1	111.1		

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#10

Phenol

Concen: 44.213 ng

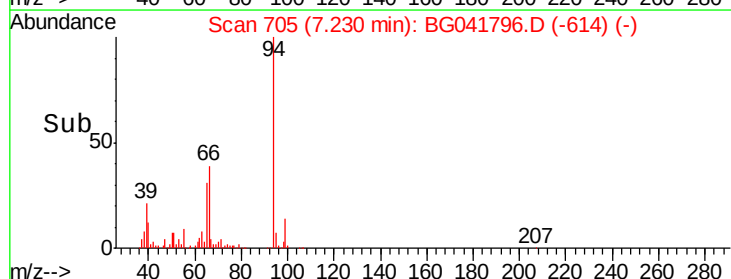
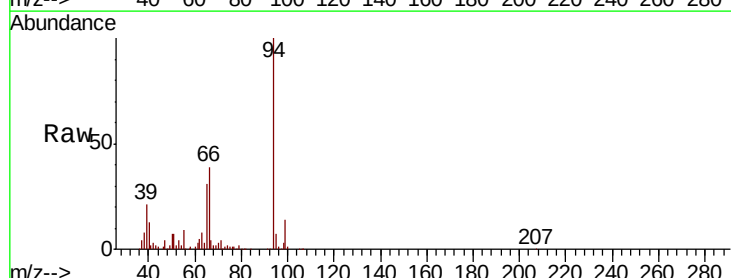
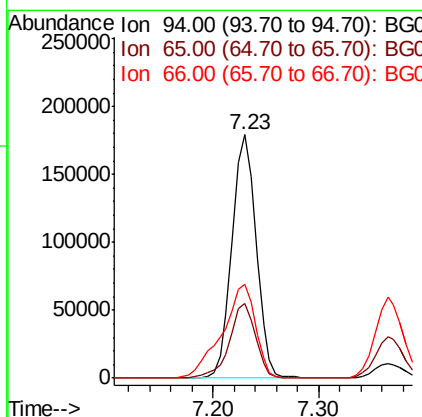
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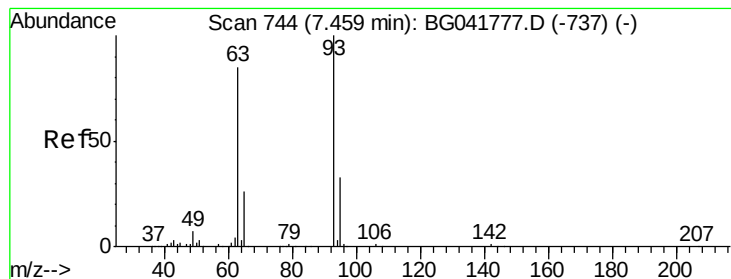
Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.5	10.6	50.6		
66	38.7	18.2	58.2		





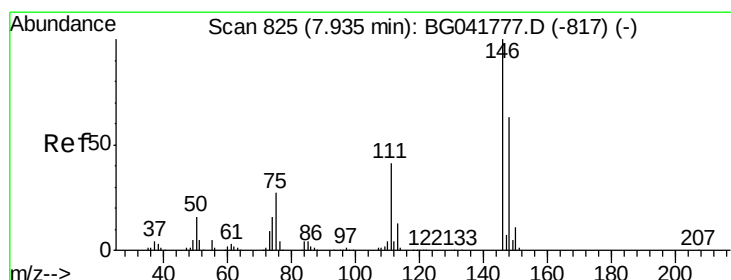
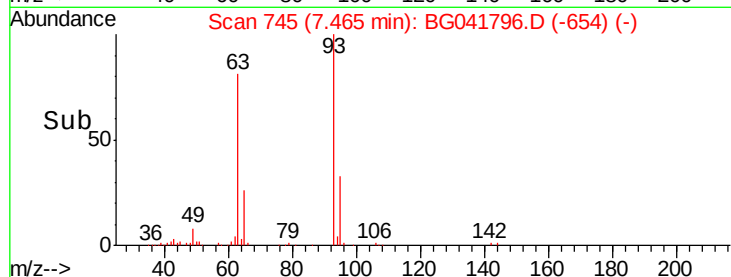
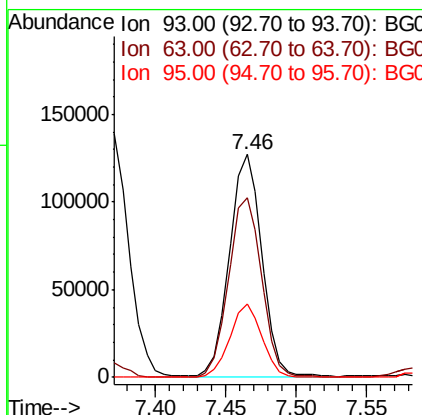
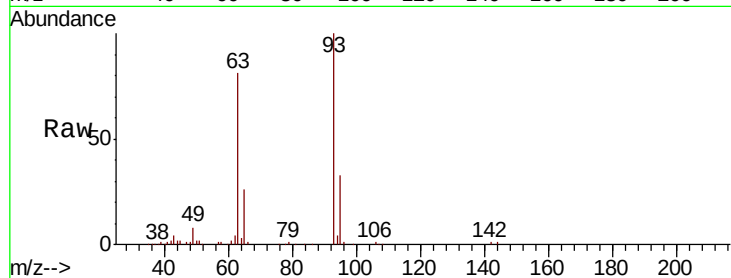
#11
bis(2-Chloroethyl)ether
Concen: 38.383 ng
RT: 7.46 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	202610		
63	80.5		70.4	110.4
95	33.1		12.8	52.8

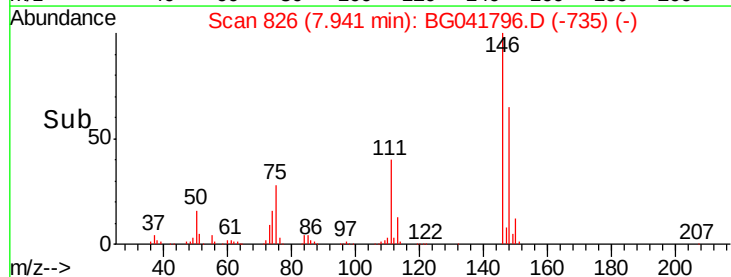
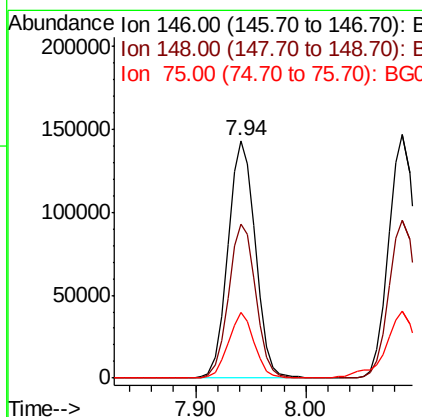
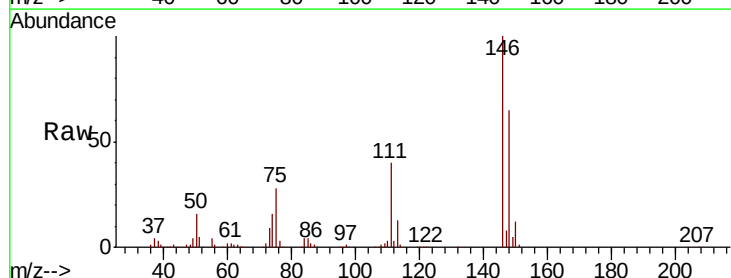
Manual Integrations
APPROVED

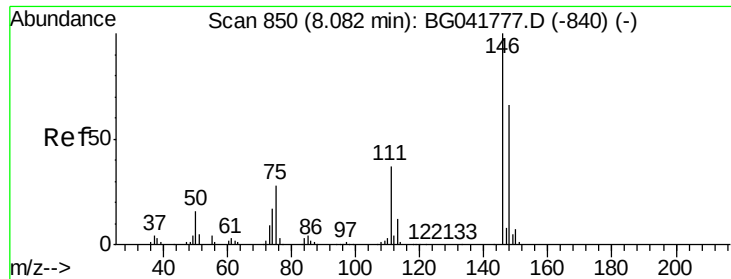
mohammad
8/1/2019 5:04:45 PM



#12
1,3-Dichlorobenzene
Concen: 36.307 ng
RT: 7.94 min Scan# 826
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	248409		
148	64.8		51.5	77.3
75	27.8		23.2	34.8





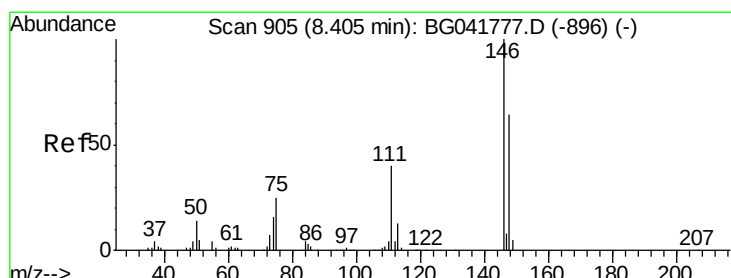
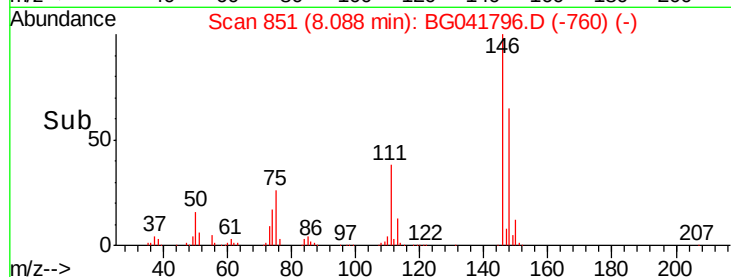
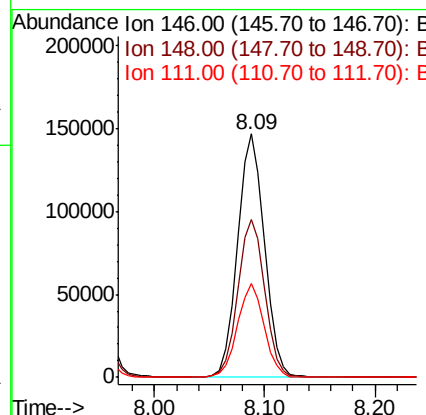
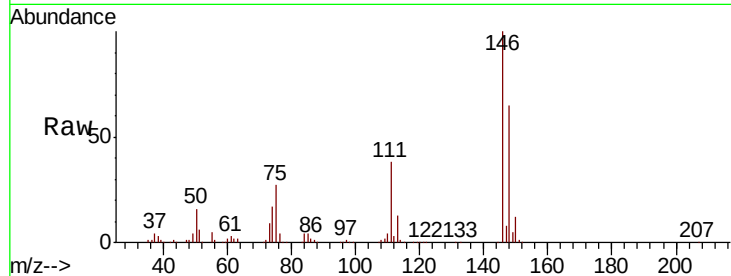
#13
1,4-Dichlorobenzene
Concen: 36.632 ng
RT: 8.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.6	79.0
111	38.4	32.5	48.7

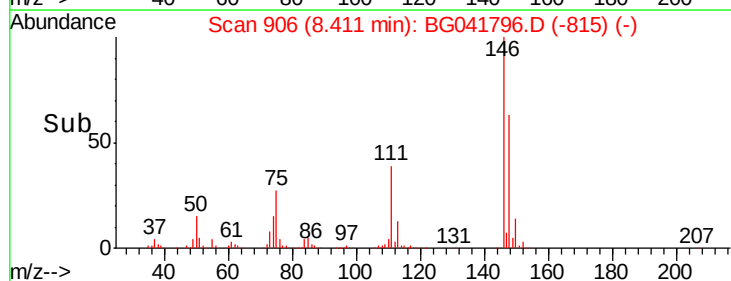
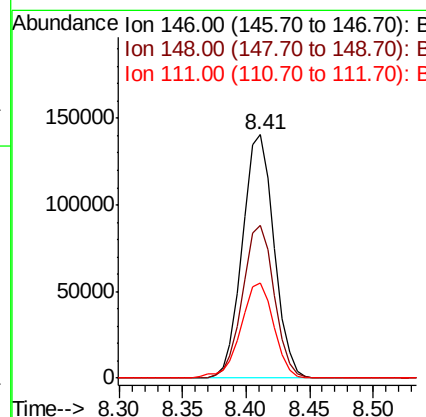
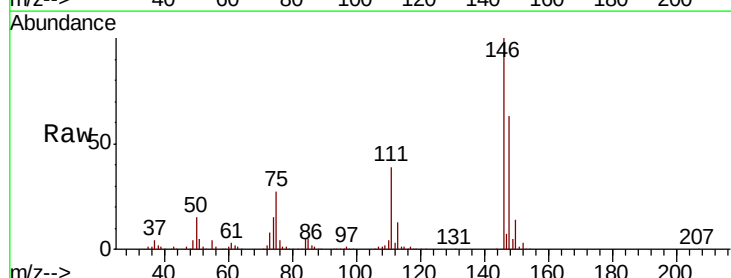
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APPROVED

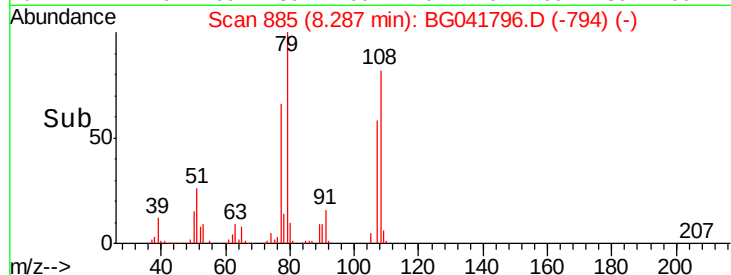
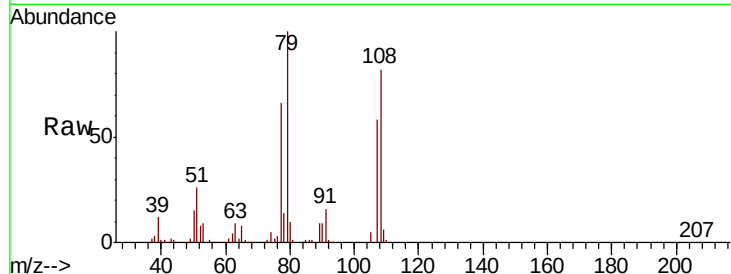
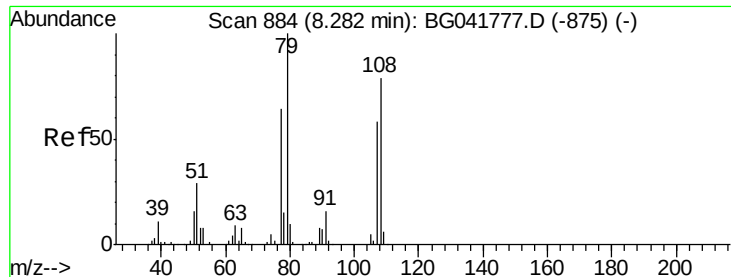
mohammad
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#14
1,2-Dichlorobenzene
Concen: 37.283 ng
RT: 8.41 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.5	80.3
111	39.0	35.4	53.0





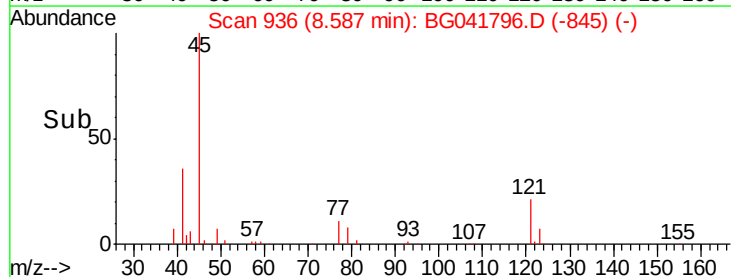
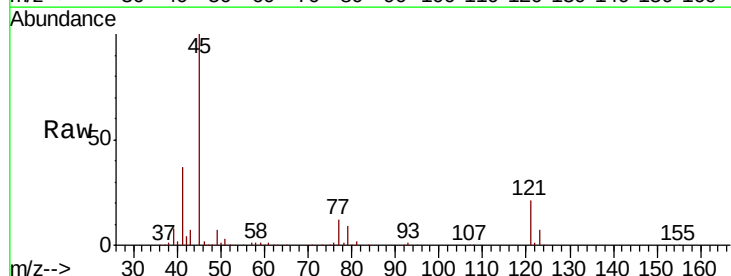
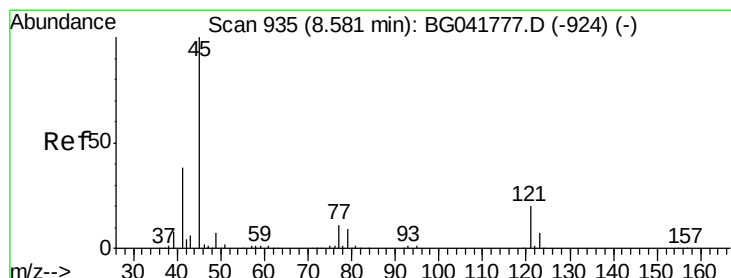
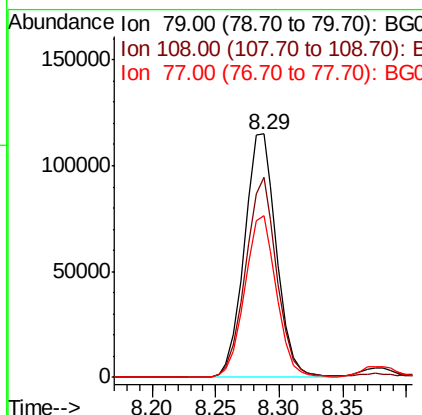
#15
Benzyl Alcohol
Concen: 41.709 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	82.3	60.5	90.7	
77	66.2	50.6	75.8	

Instrument :
BNA_G
ClientSampleId :
PB121767BS

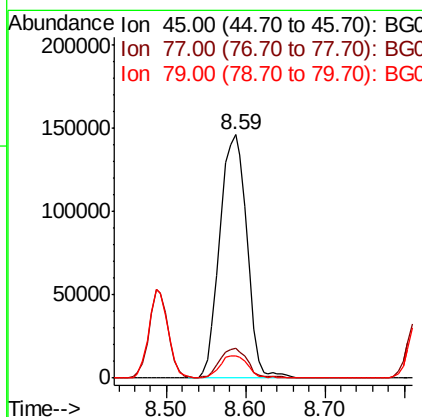
Manual Integrations
APPROVED

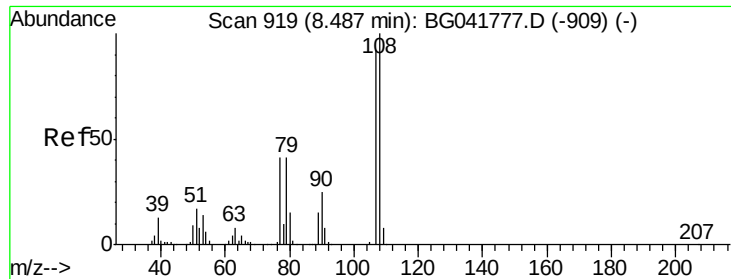
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.857 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.1	0.0	30.4	
79	9.3	0.0	27.9	





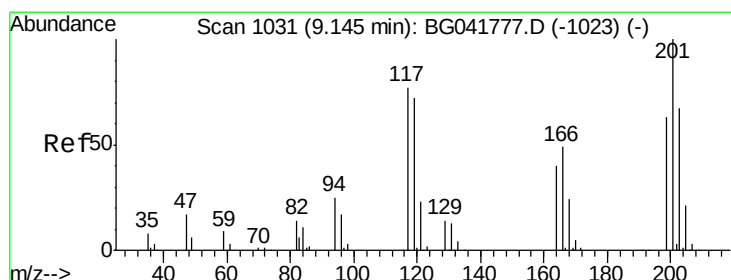
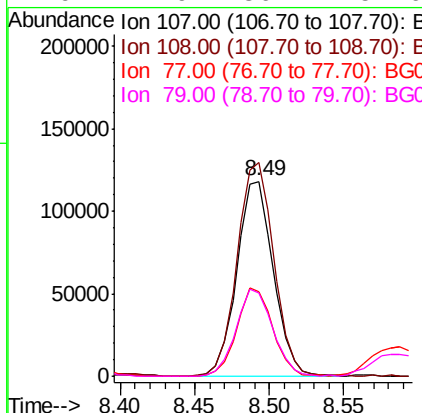
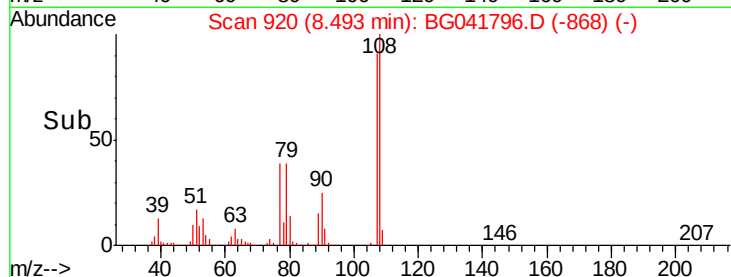
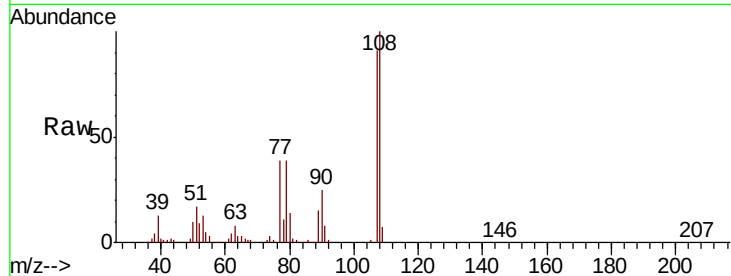
#17
2-Methylphenol
Concen: 42.935 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	109.7	87.6	131.4	
77	77	43.3	36.1	54.1	
79	79	42.9	36.4	54.6	

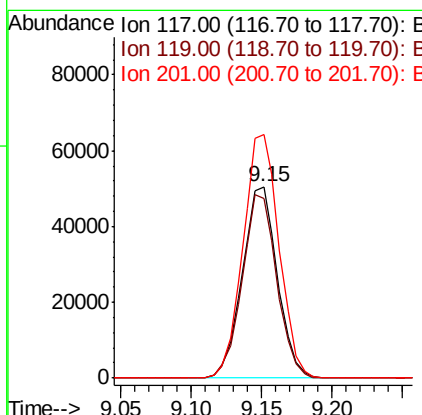
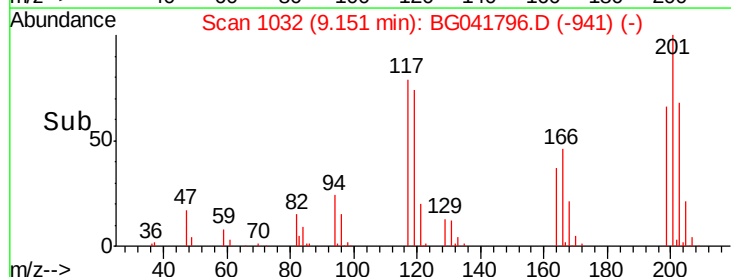
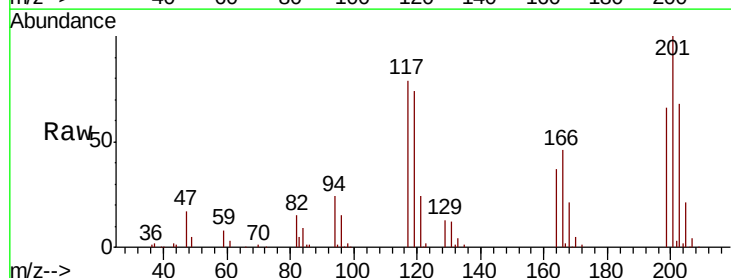
Manual Integrations
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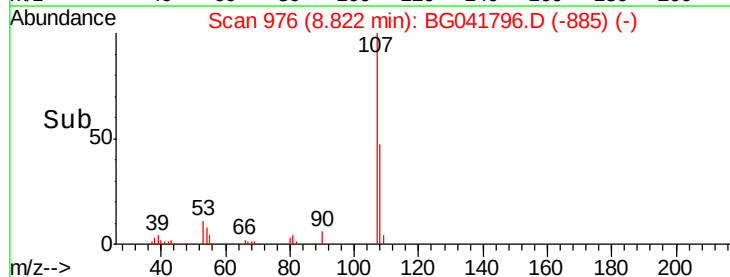
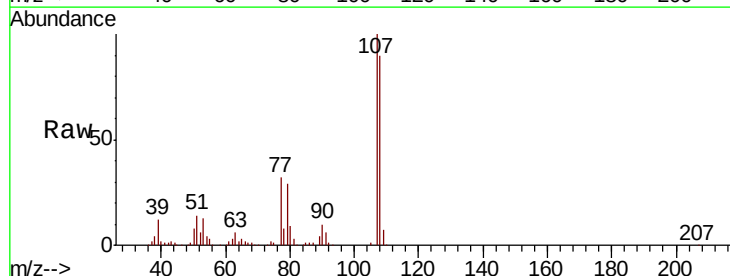
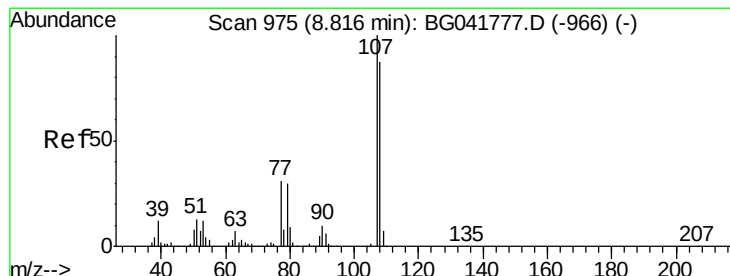
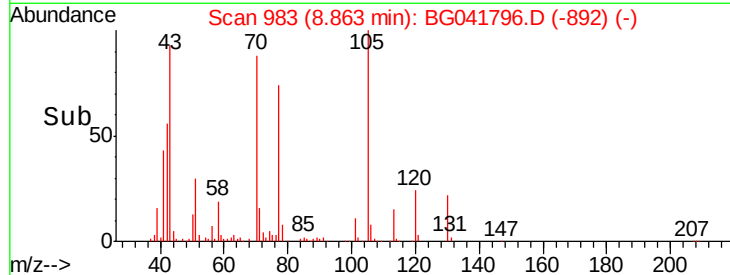
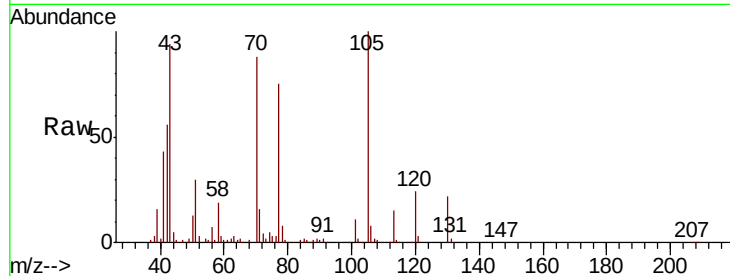
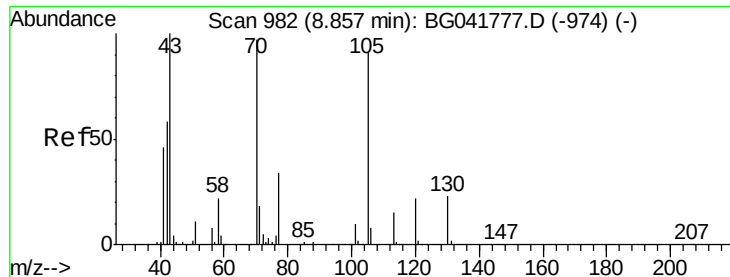
mohammad
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#18
Hexachloroethane
Concen: 37.390 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	94.0	76.2	114.2	
201	201	127.0	94.1	141.1	





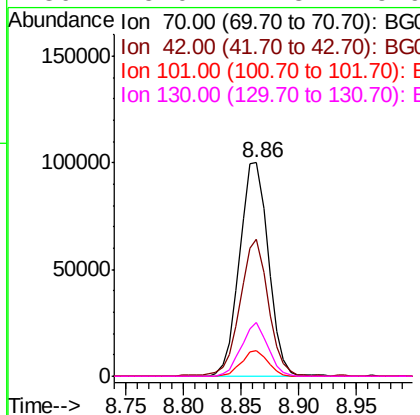
#19
n-Nitroso-di-n-propylamine
Concen: 38.911 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.8	55.8	83.6	
101	12.2	8.1	12.1	
130	25.0	17.3	25.9	

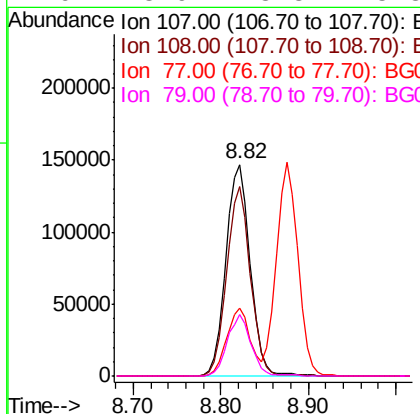
Manual Integrations
APPROVED

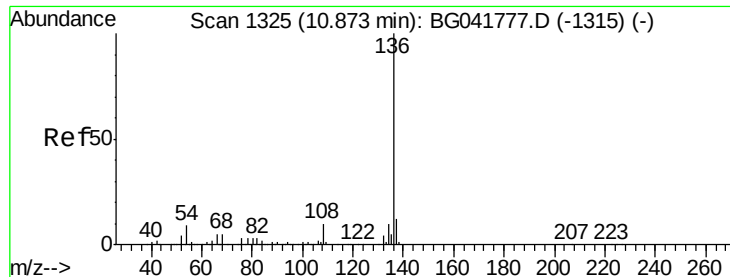
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#20
3+4-Methylphenols
Concen: 43.752 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	67.5	107.5	
77	32.2	12.3	52.3	
79	28.9	8.3	48.3	





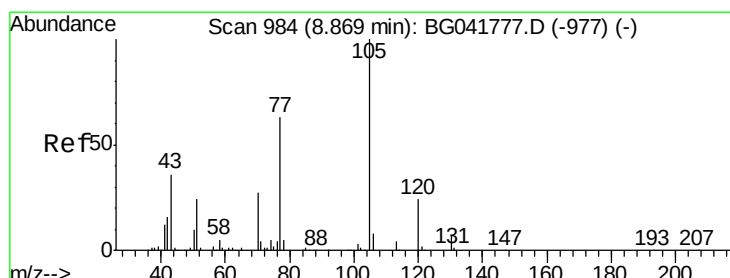
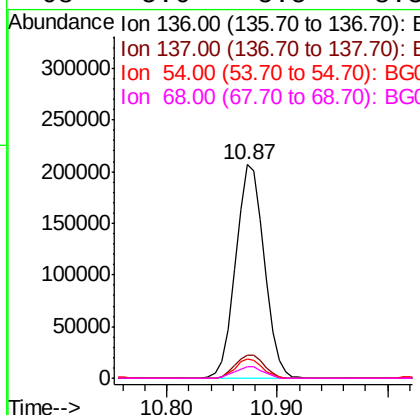
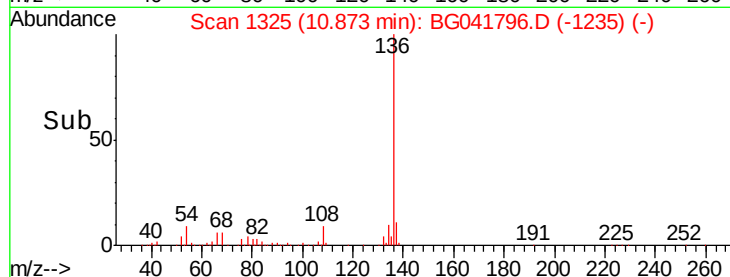
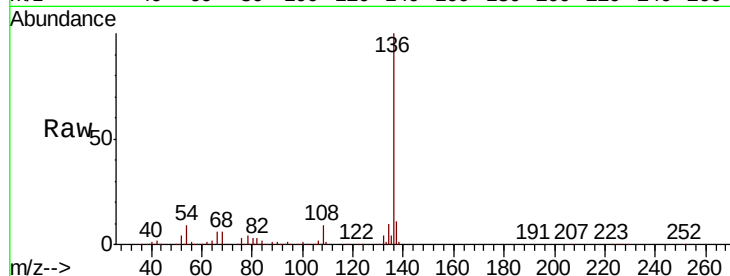
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		375283		
137	10.8	9.2	13.8		
54	9.2	8.7	13.1		
68	5.6	5.5	8.3		

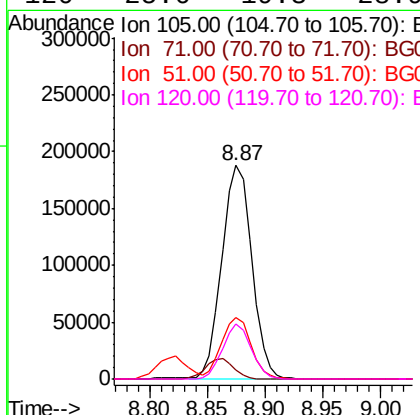
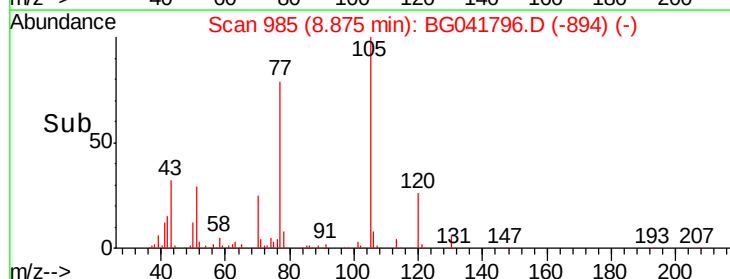
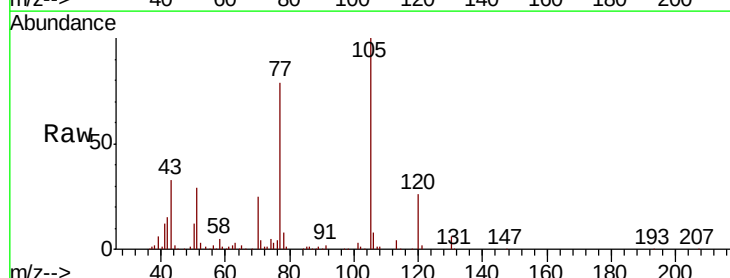
Manual Integrations
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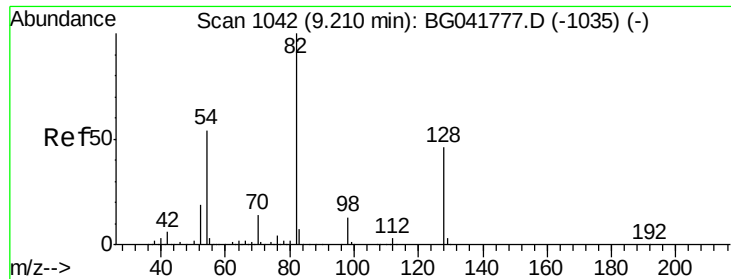
mohammad
8/1/2019 5:04:45 PM



#22
Acetophenone
Concen: 40.359 ng
RT: 8.87 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		338780		
71	4.4	5.9	8.9#		
51	29.0	27.7	41.5		
120	25.6	19.3	28.9		





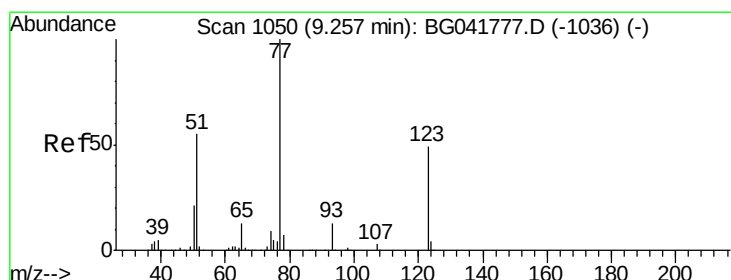
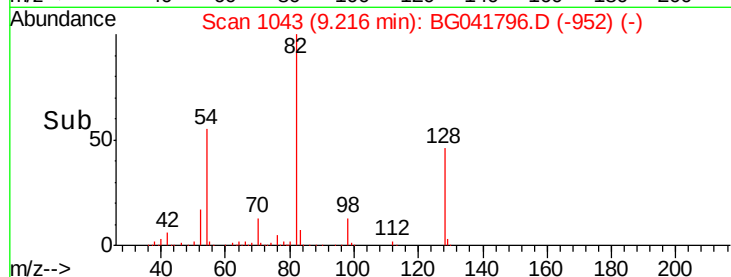
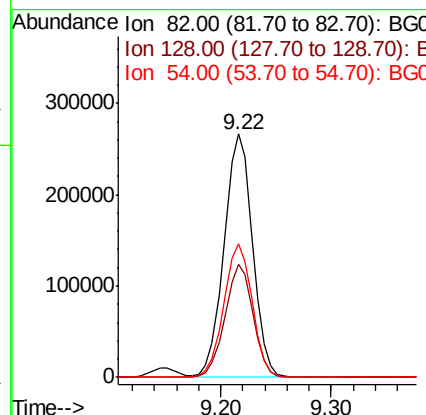
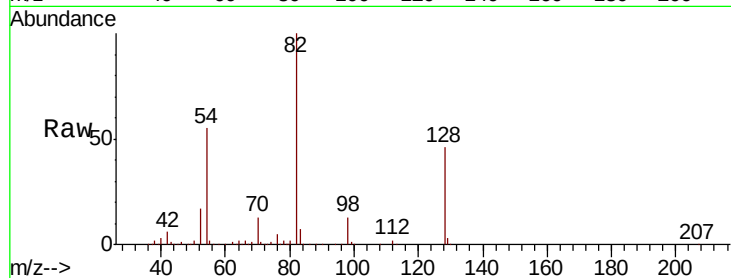
#23
Nitrobenzene-d5
Concen: 87.632 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.1	52.7
54	54.9	48.7	73.1

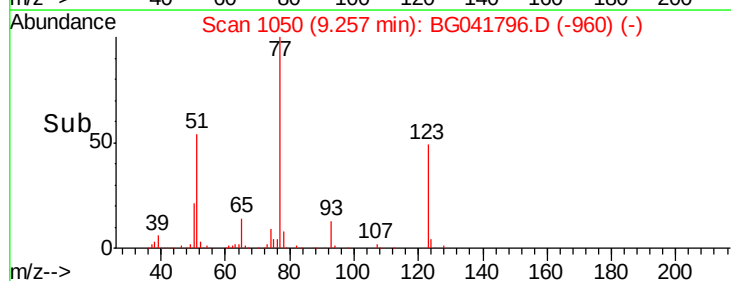
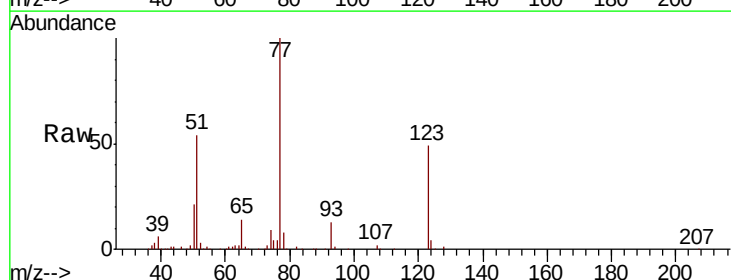
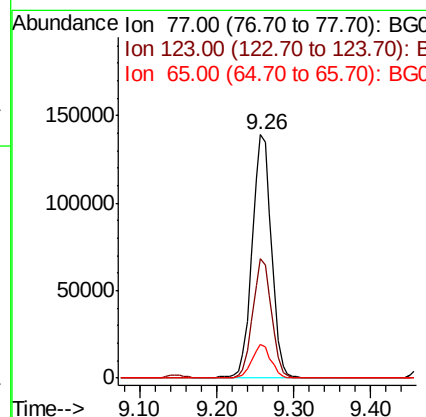
Manual Integrations
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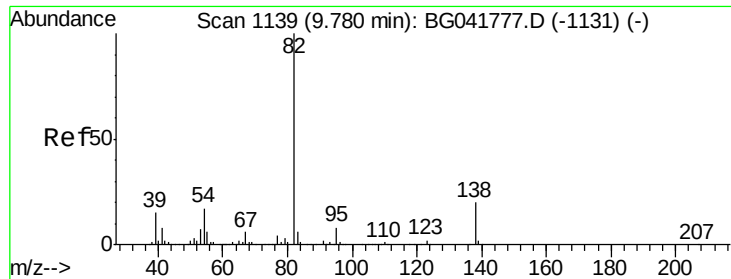
mohammad
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#24
Nitrobenzene
Concen: 42.632 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	38.1	57.1
65	13.9	11.0	16.6





#25

Isophorone

Concen: 40.603 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

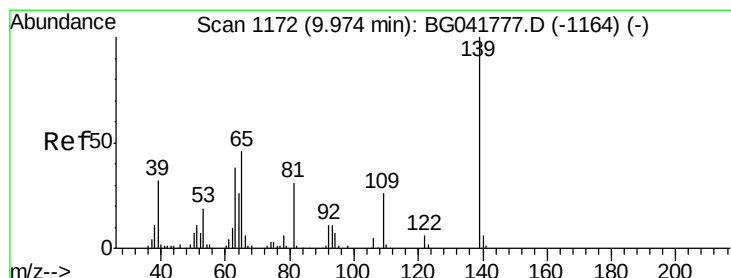
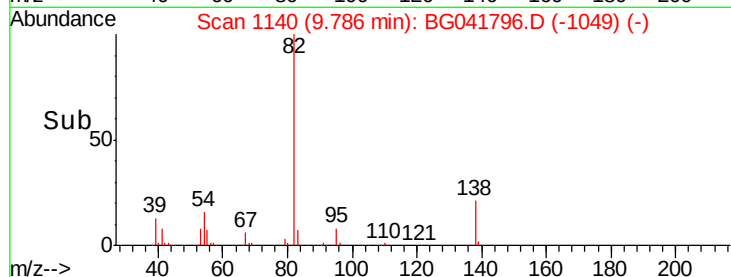
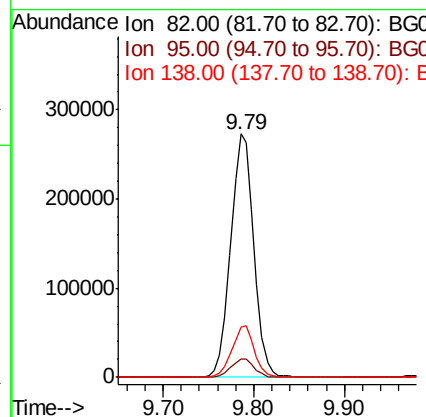
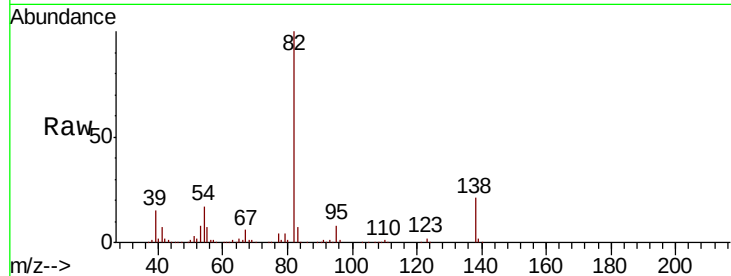
ClientSampleId :

PB121767BS

Tot Ion:	82	Resp:	481680
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.9	8.9
138	20.8	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.857 ng

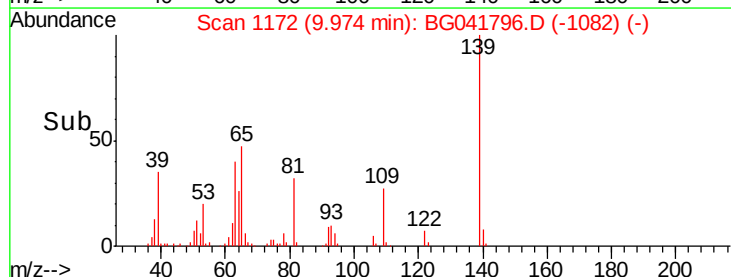
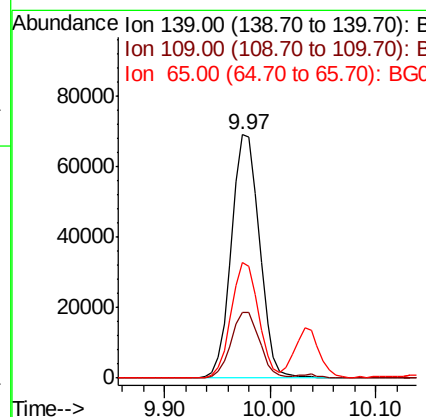
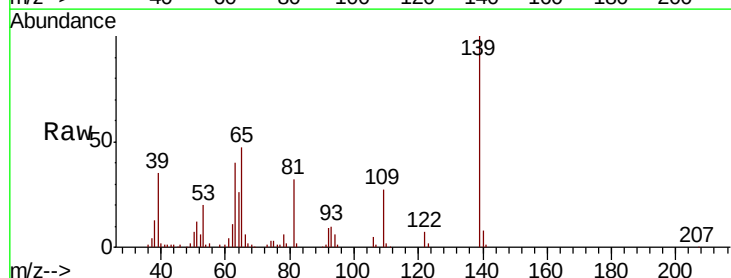
RT: 9.97 min Scan# 1172

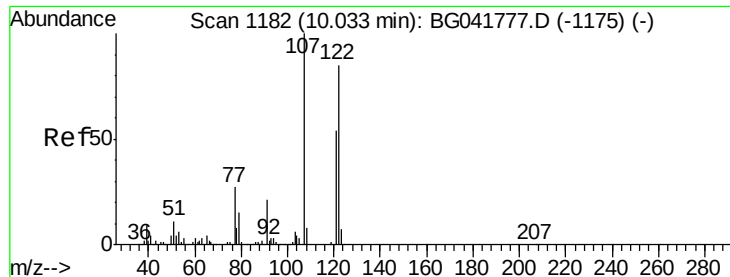
Delta R.T. -0.00 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Tgt Ion:	139	Resp:	127605
Ion Ratio	Lower	Upper	
139	100		
109	27.1	22.7	34.1
65	47.4	41.1	61.7





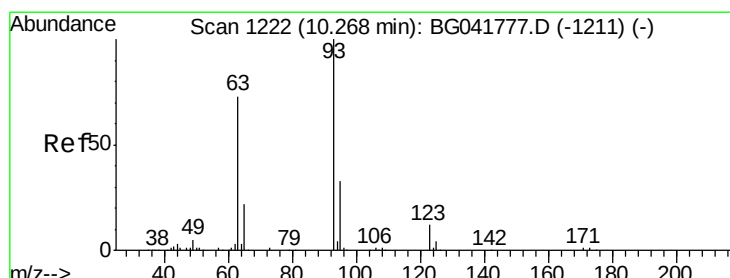
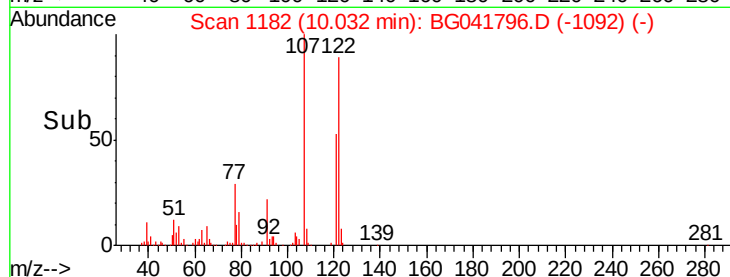
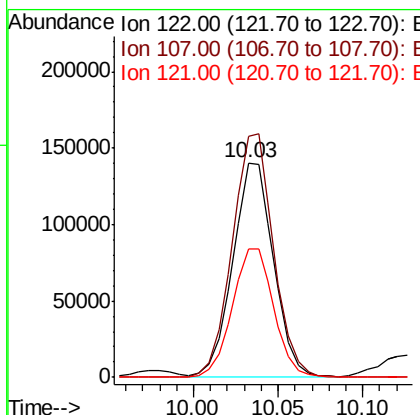
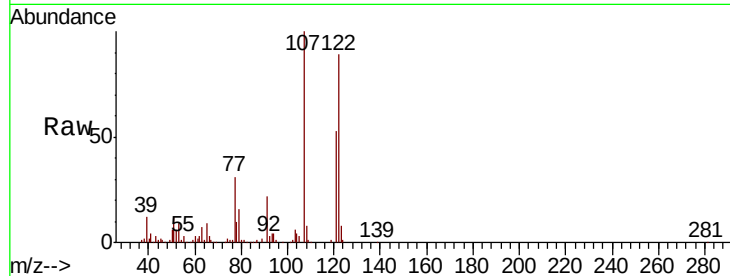
#27
2,4-Dimethylphenol
Concen: 49.639 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.5	91.3	136.9
121	60.1	49.2	73.8

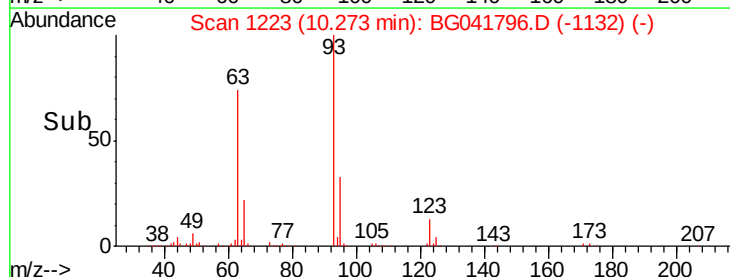
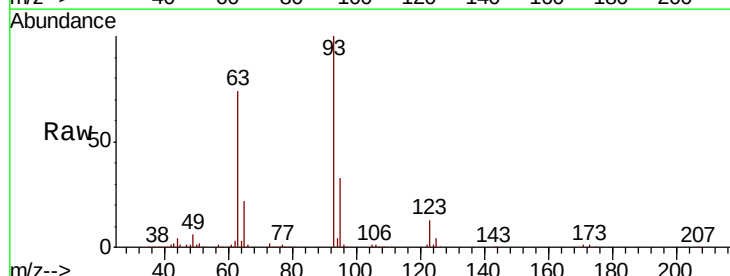
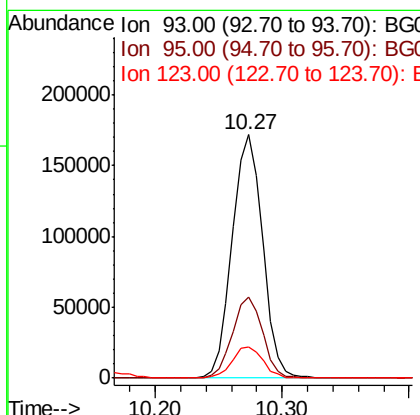
Manual Integrations
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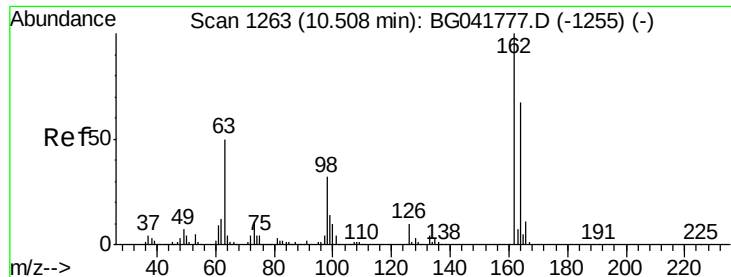
mohammad
8/1/2019 5:04:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.553 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	12.5	9.9	14.9





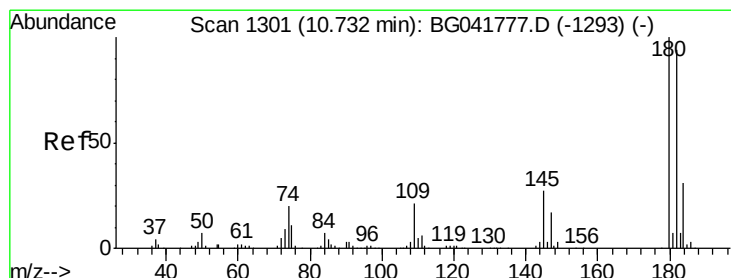
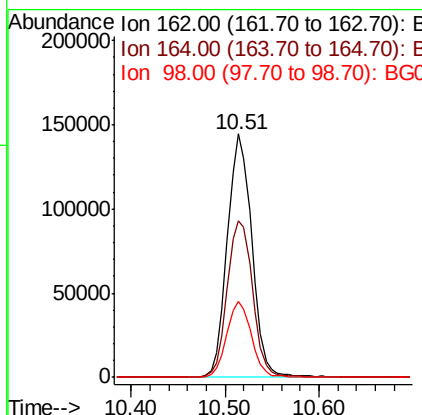
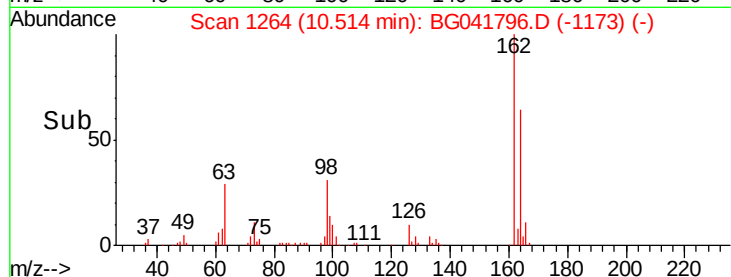
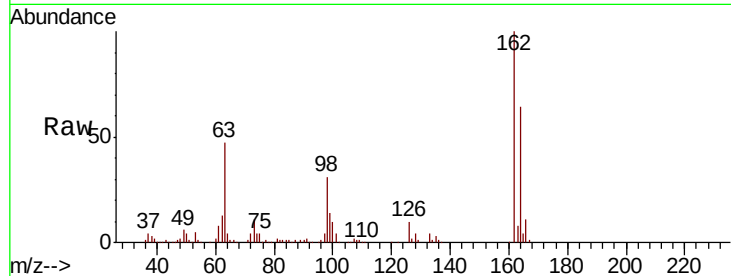
#29
2,4-Dichlorophenol
Concen: 45.804 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	46.1	86.1
98	30.9	14.7	54.7

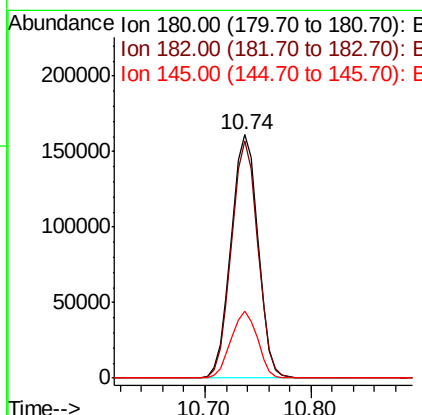
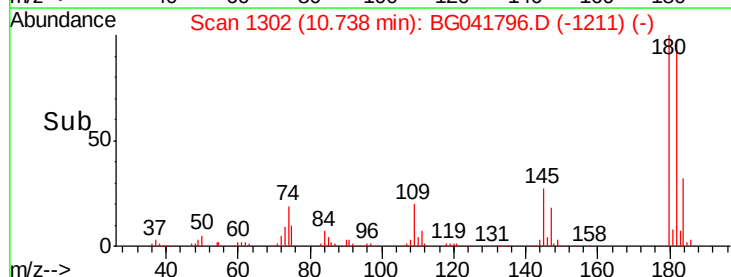
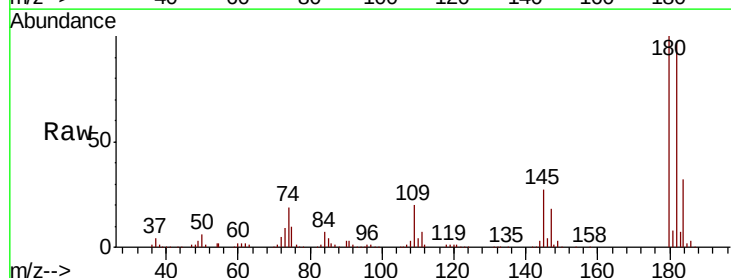
Manual Integrations
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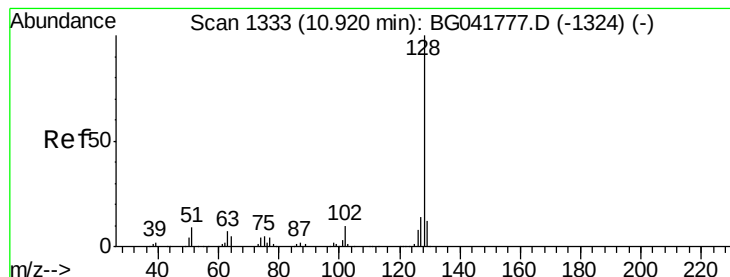
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.936 ng
RT: 10.74 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.2	76.2	114.2
145	27.4	23.8	35.8





#31

Naphthalene

Concen: 40.957 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

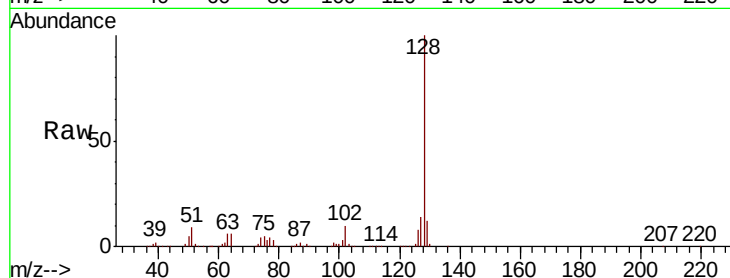
ClientSampleId :

PB121767BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.0	15.0
127	13.9	12.3	18.5

Manual Integrations
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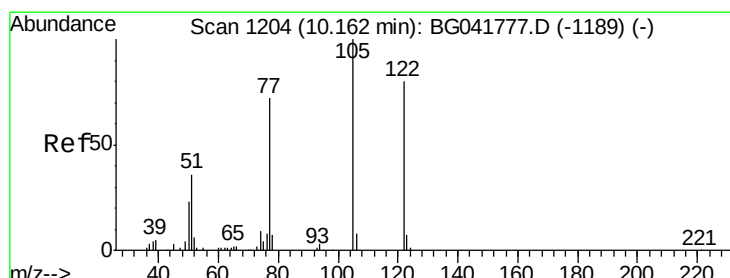
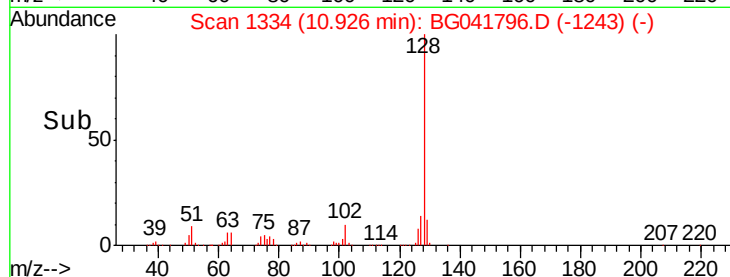
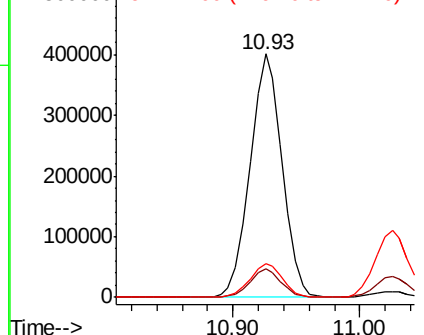


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.905 ng

RT: 10.17 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

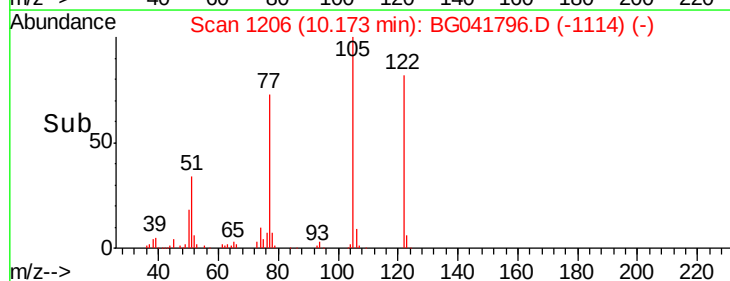
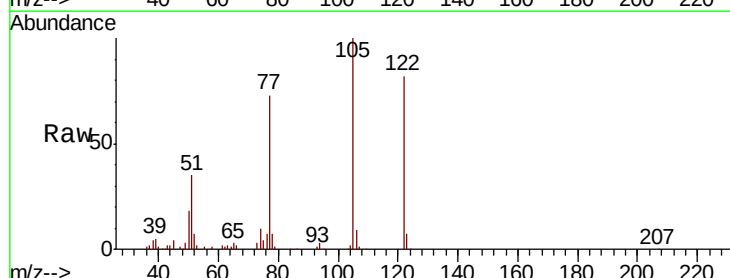
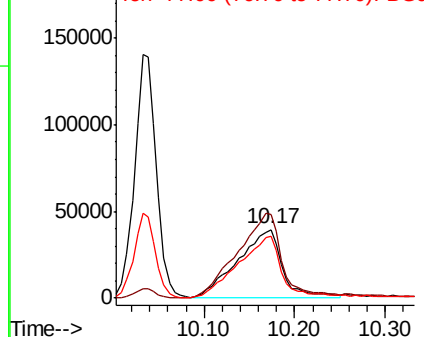
Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	101.5	141.5
77	89.4	73.0	113.0

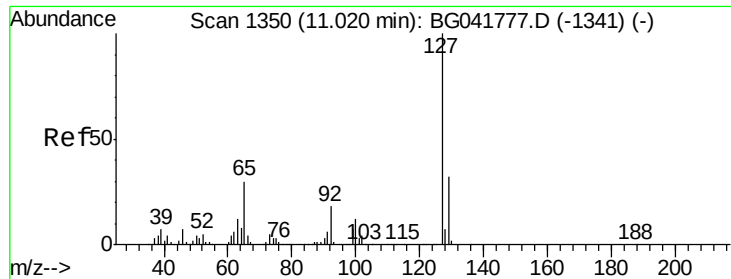
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





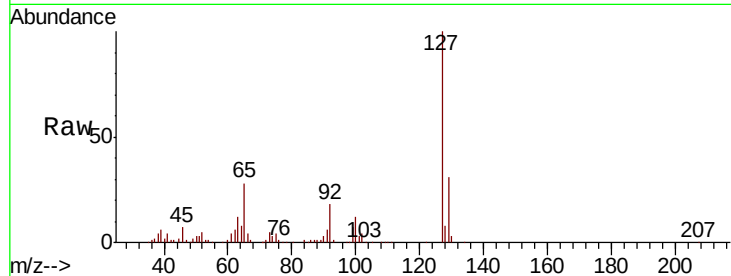
#33
4-Chloroaniline
Concen: 24.810 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

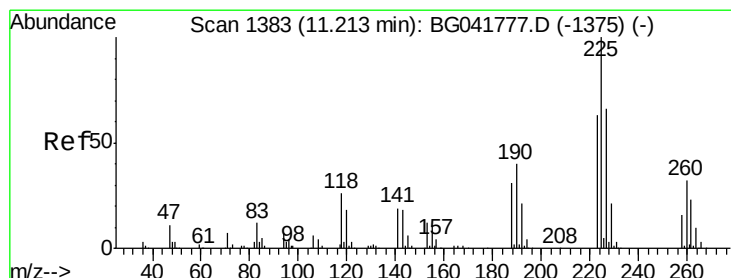
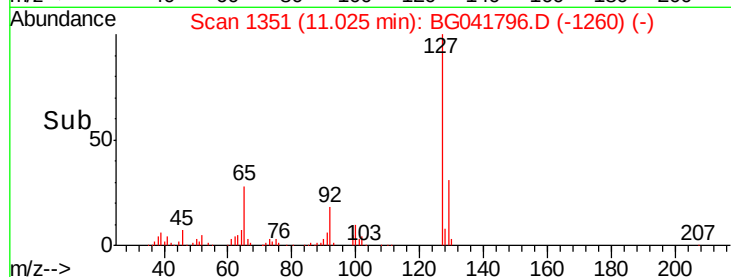
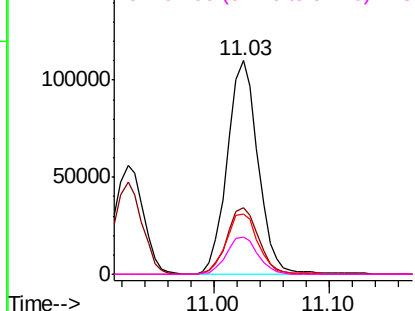
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		202084		
129	31.4	25.8	38.8		
65	28.1	26.7	40.1		
92	17.6	15.4	23.0		

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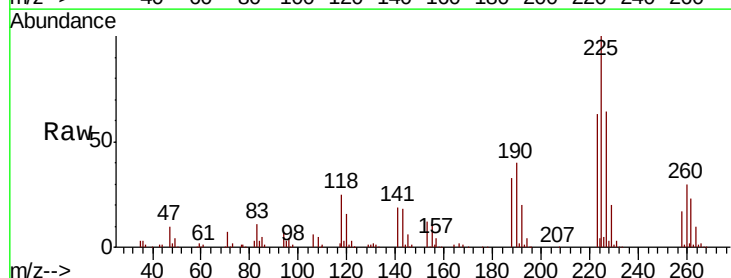


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

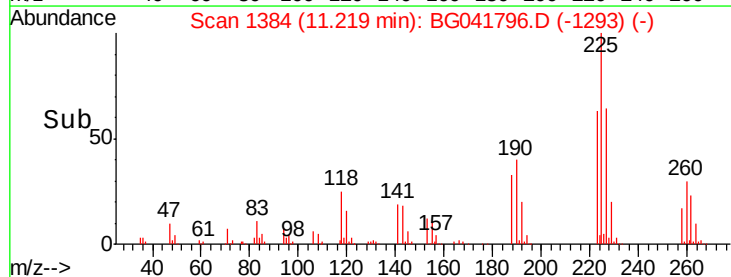
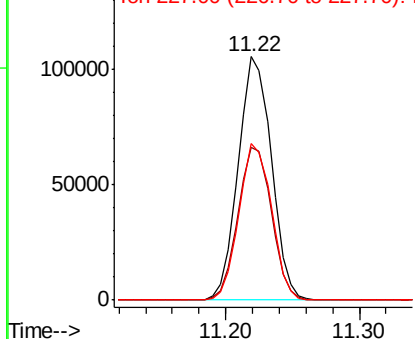


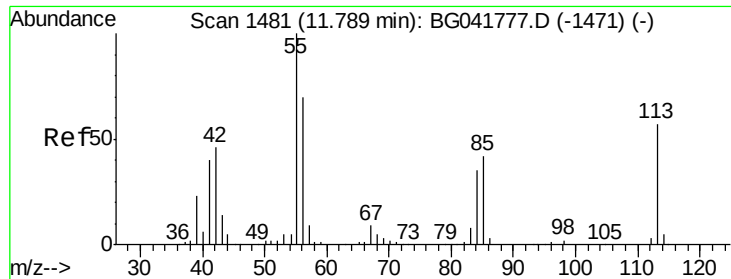
#34
Hexachlorobutadiene
Concen: 37.034 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		181644		
223	62.7	51.1	76.7		
227	64.5	50.9	76.3		



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





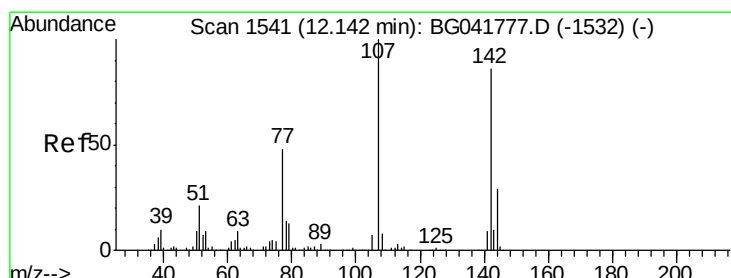
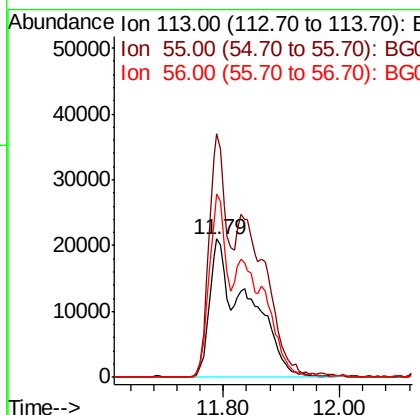
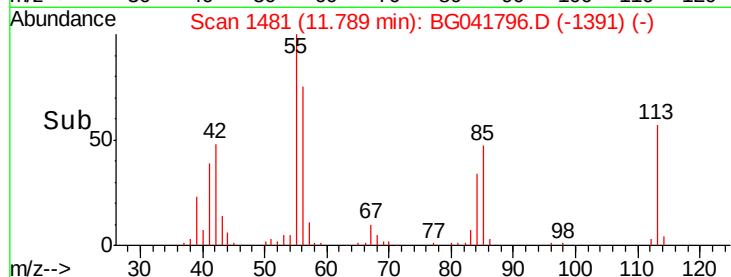
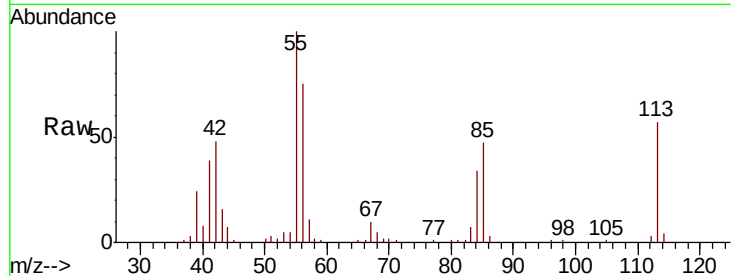
#35
Caprolactam
Concen: 48.472 ng/ml
RT: 11.79 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampled :
PB121767BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.8	199.4	239.4#
56	132.3	133.6	173.6#

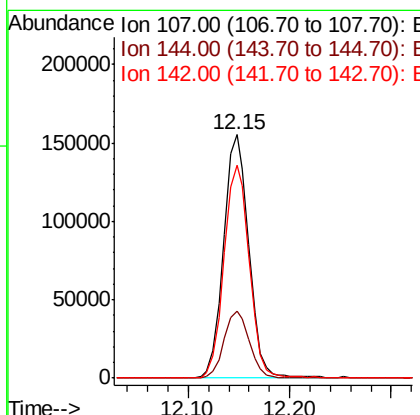
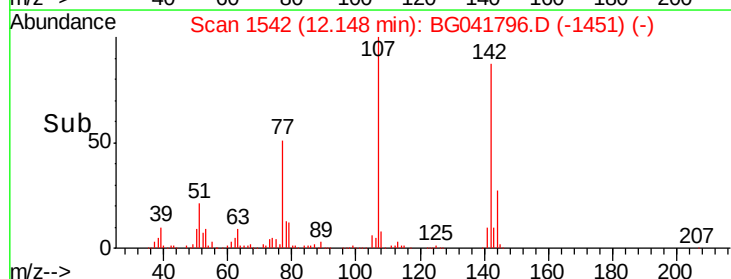
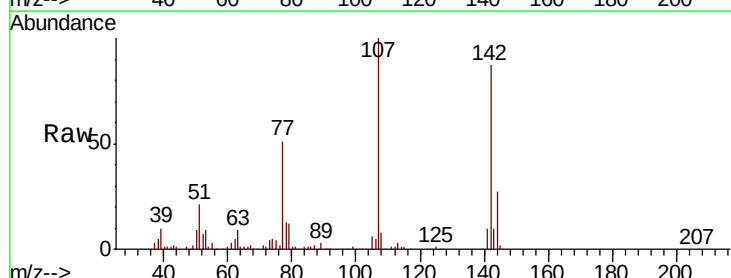
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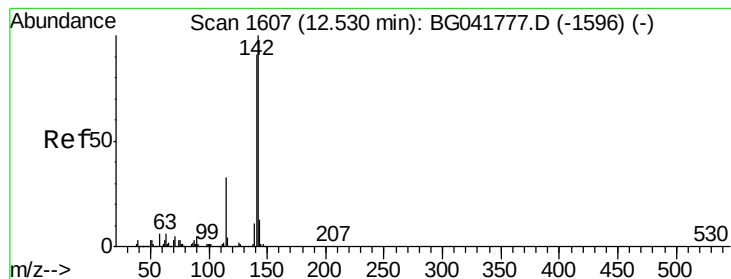
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.028 ng/ml
RT: 12.15 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	22.2	33.2
142	87.2	67.3	100.9





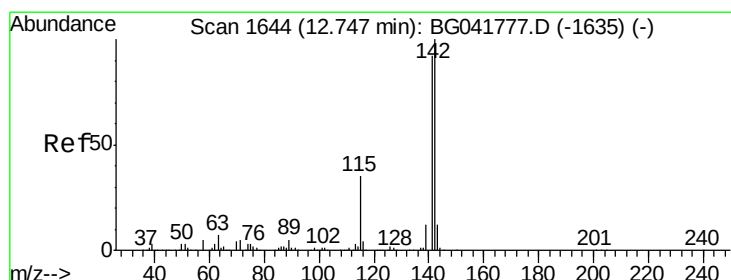
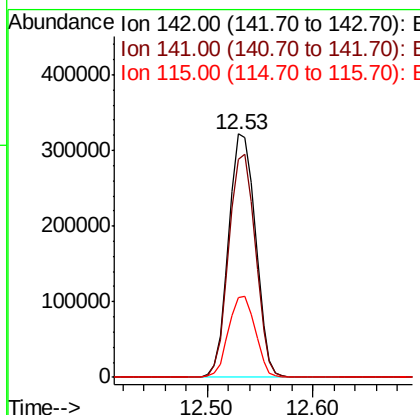
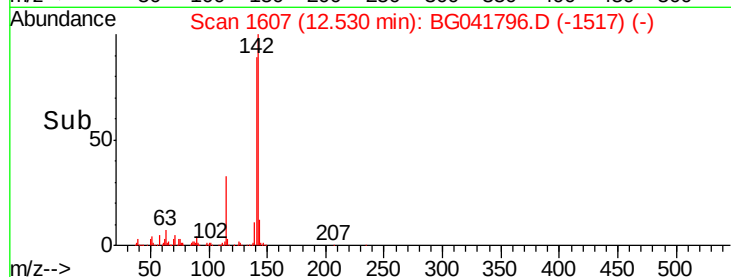
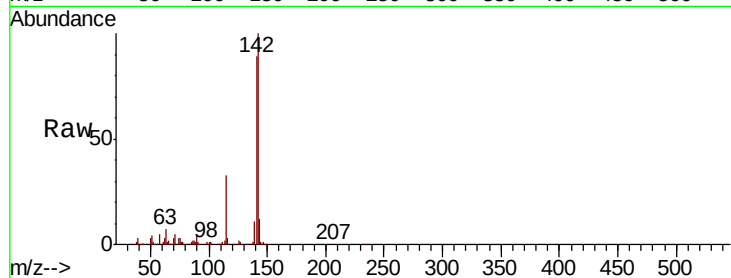
#37
2-Methylnaphthalene
Concen: 41.816 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.7	109.1
115	32.9	27.0	40.4

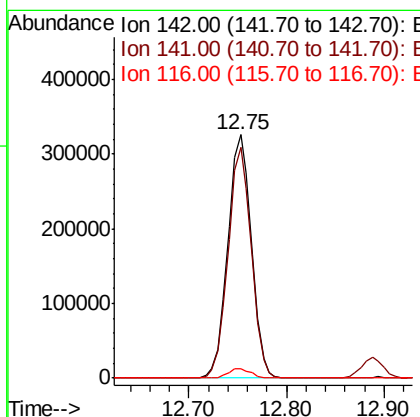
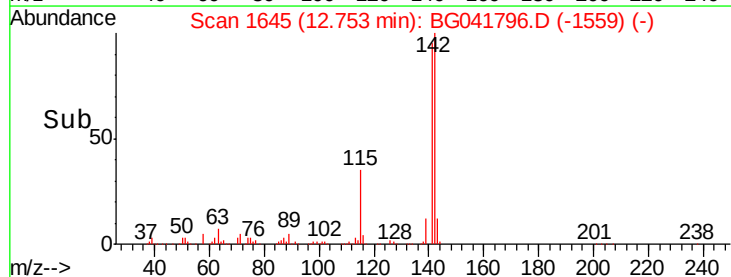
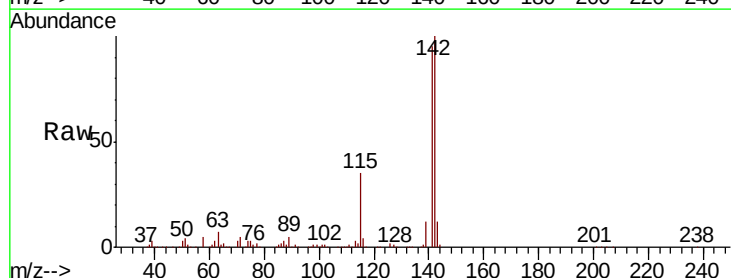
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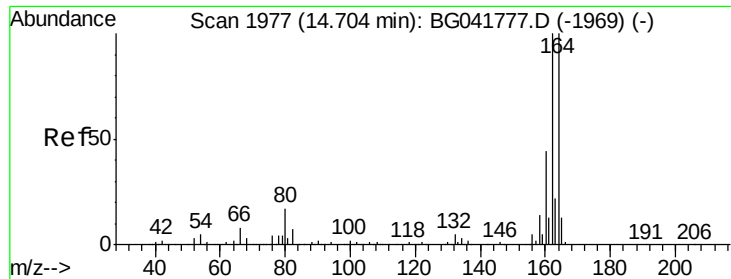
mohammad
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#38
1-Methylnaphthalene
Concen: 42.265 ng
RT: 12.75 min Scan# 1645
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.4	113.2
116	4.0	3.2	4.8





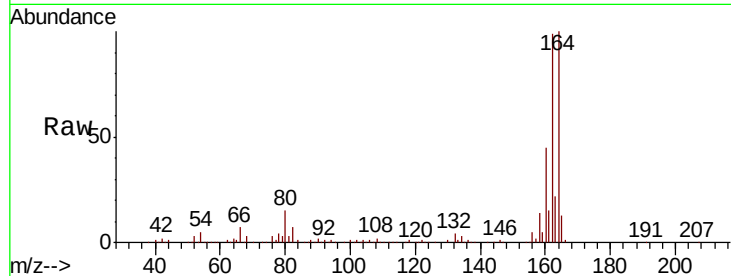
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.6	119.4
160	44.6	35.4	53.0

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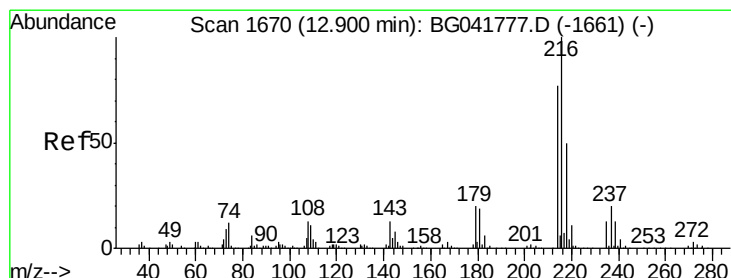
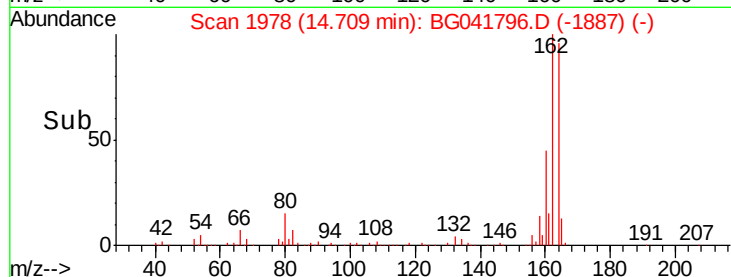
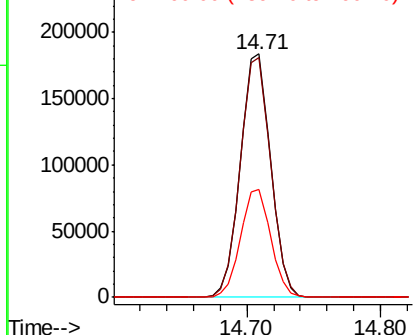


Abundance

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: 38.794 ng
RT: 12.90 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	61.5	92.3
179	19.2	16.2	24.2
108	15.2	13.2	19.8

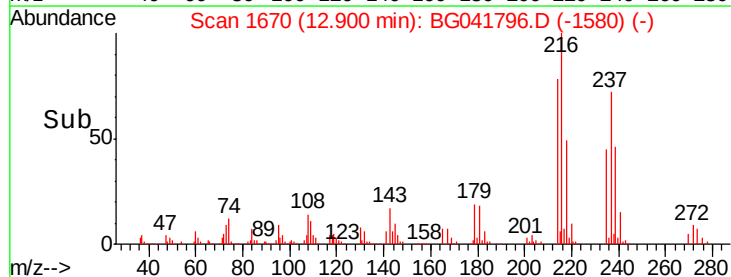
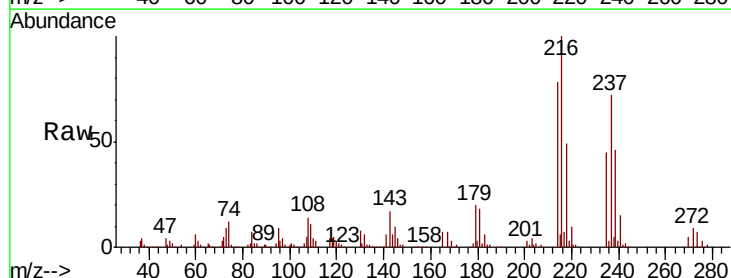
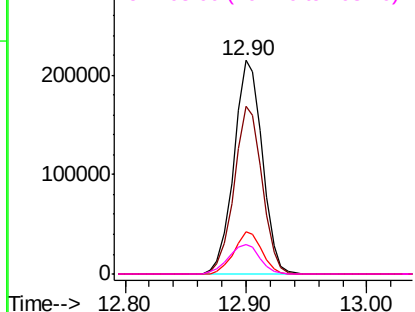
Abundance

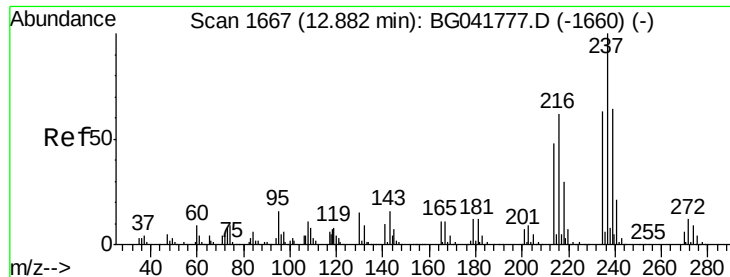
Ion 216.00 (215.70 to 216.70): E

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: 85.342 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

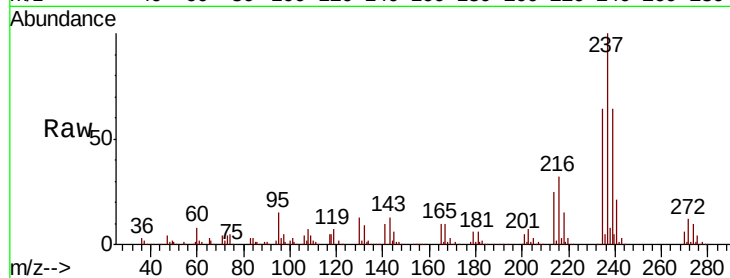
ClientSampleId :

PB121767BS

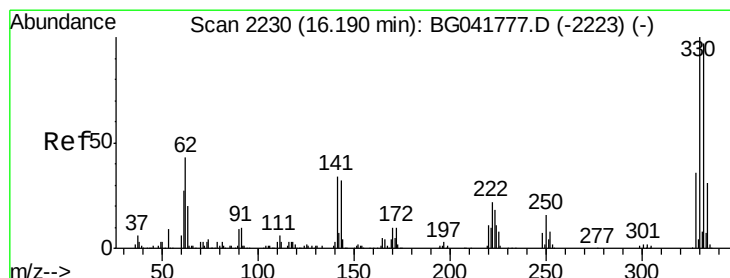
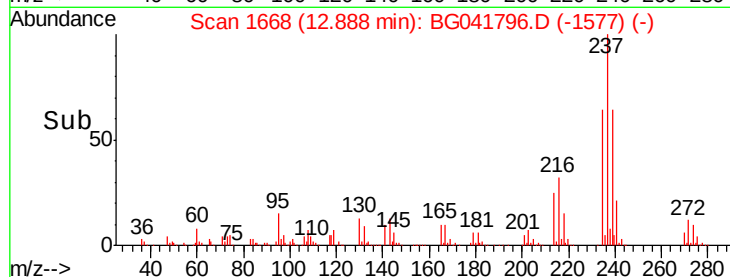
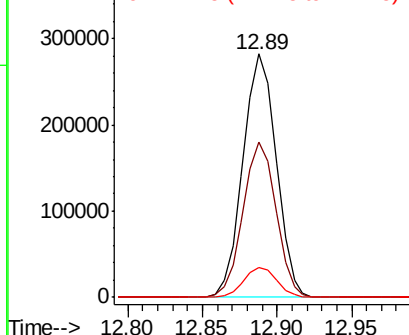
Tot Ion:	237	Resp:	435609
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.5	83.5
272	12.4	0.0	31.2

Manual Integrations
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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: 138.435 ng

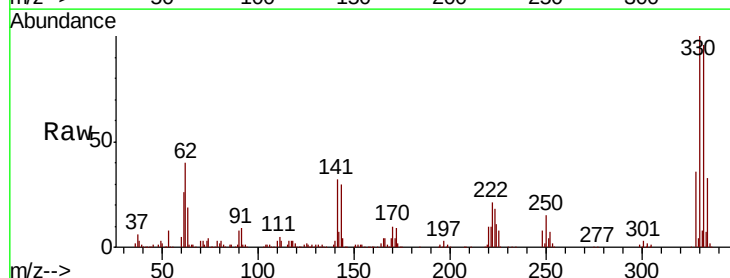
RT: 16.20 min Scan# 2231

Delta R.T. 0.01 min

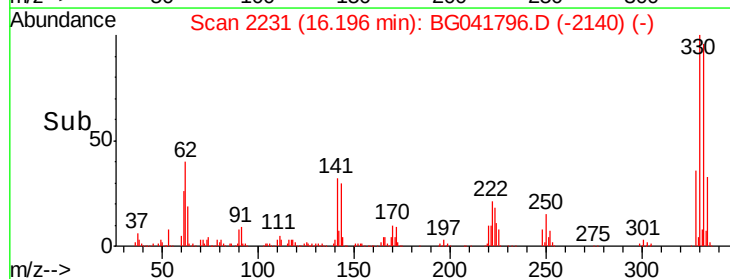
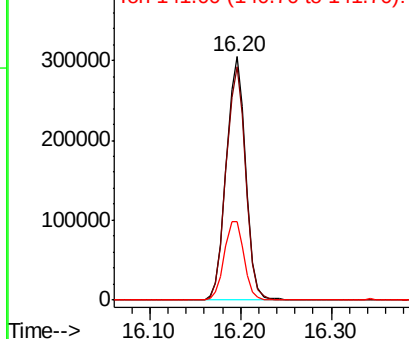
Lab File: BG041796.D

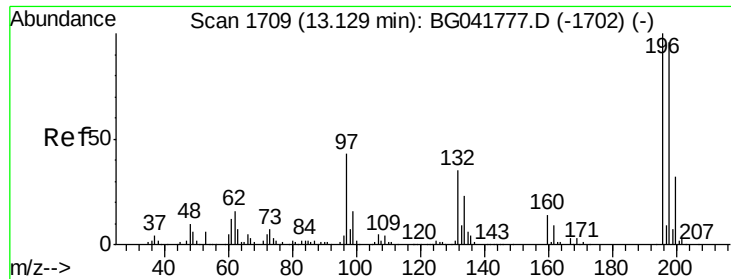
Acq: 30 Jul 2019 10:11

Tgt Ion:	330	Resp:	450985
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.4	116.0
141	33.1	31.9	47.9



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





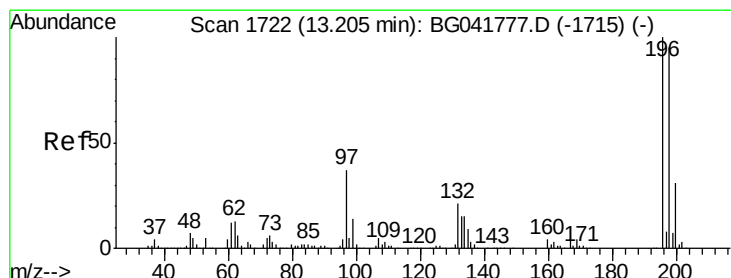
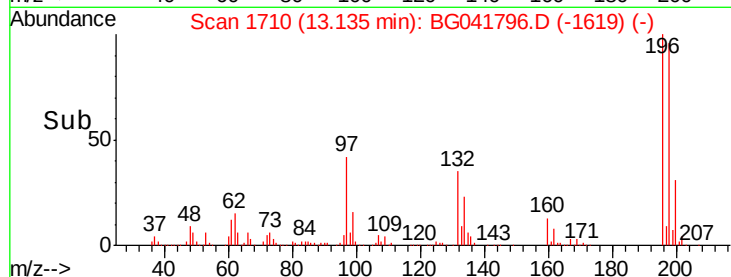
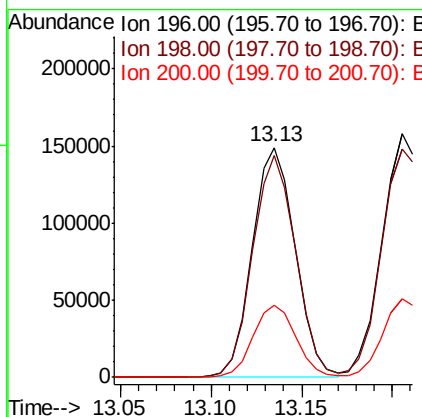
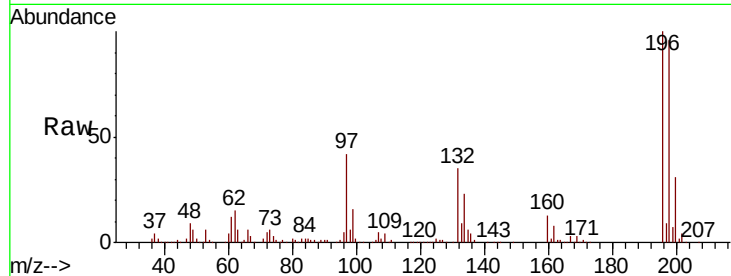
#43
 2,4,6-Trichlorophenol
 Concen: 42.750 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	245304		
198	96.2	79.6	119.4	
200	31.1	25.2	37.8	

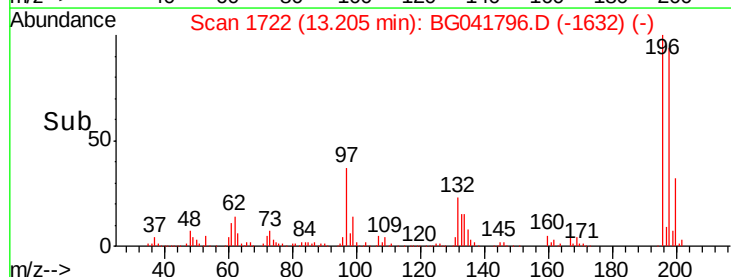
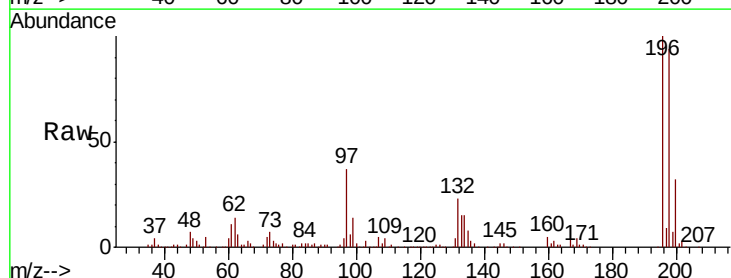
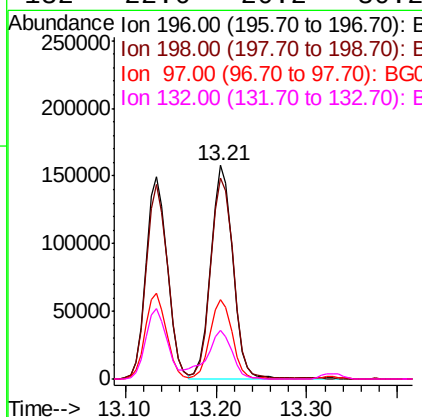
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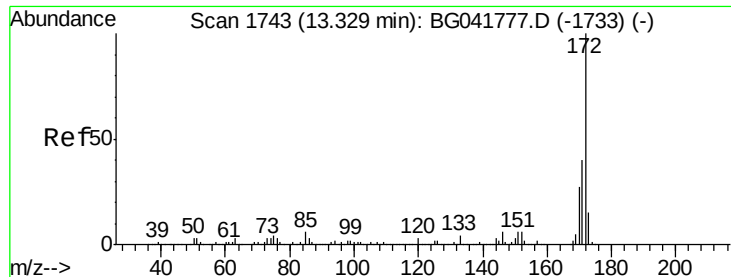
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.765 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266933		
198	94.0	80.6	121.0	
97	37.2	33.9	50.9	
132	22.6	20.2	30.2	





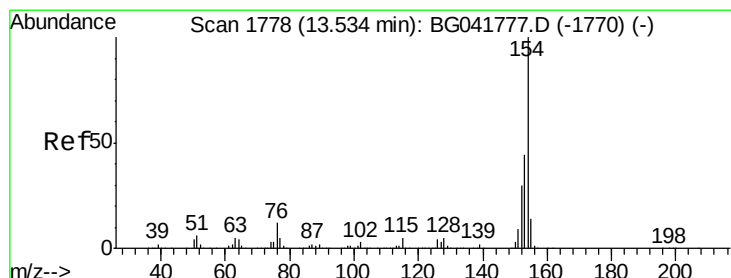
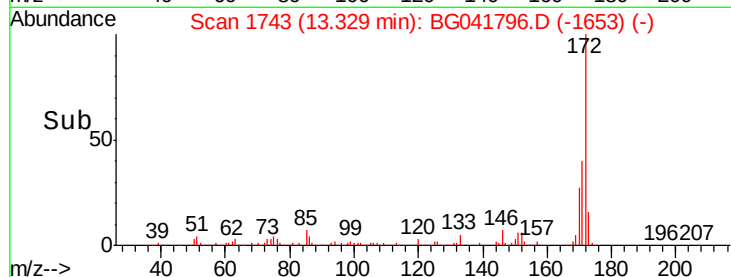
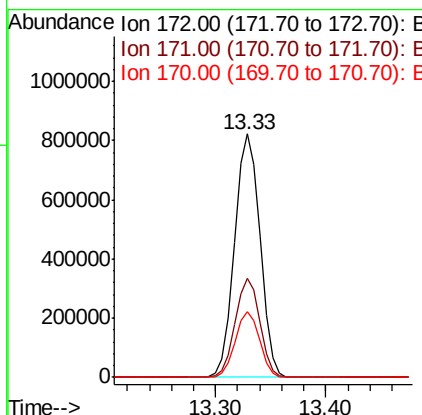
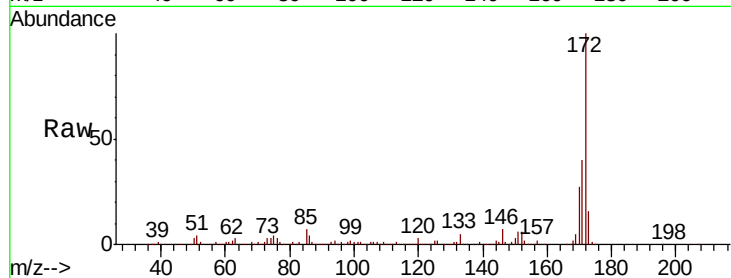
#45
2-Fluorobiphenyl
Concen: 81.930 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.0	52.4
170	27.1	23.5	35.3

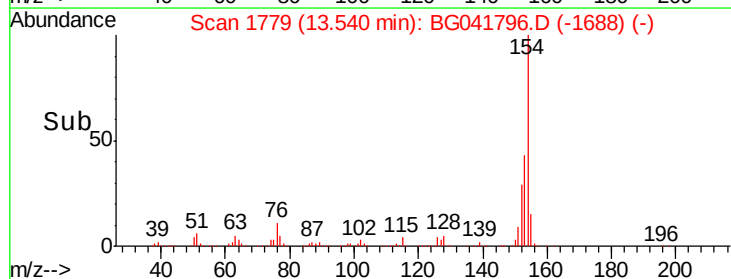
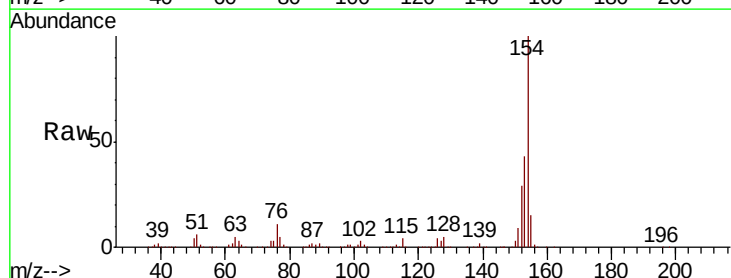
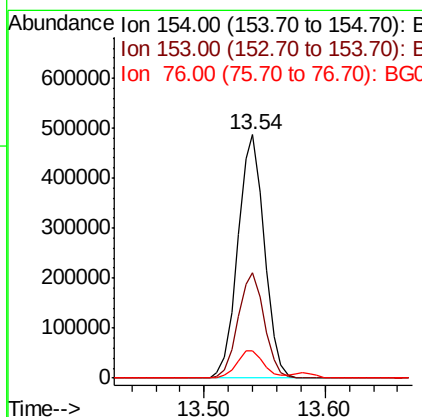
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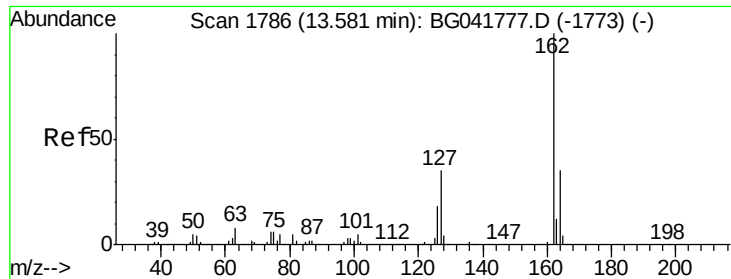
mohammad
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#46
1,1'-Biphenyl
Concen: 40.288 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	25.0	65.0
76	11.4	0.0	34.5





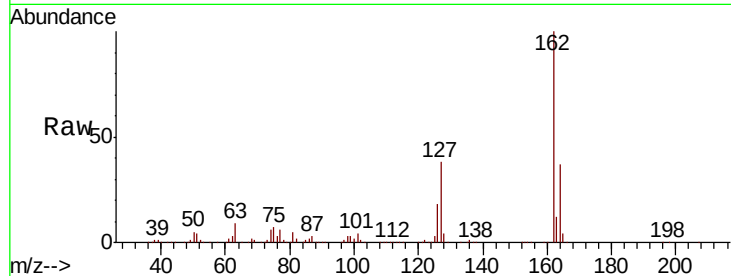
#47
2-Chloronaphthalene
Concen: 38.171 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

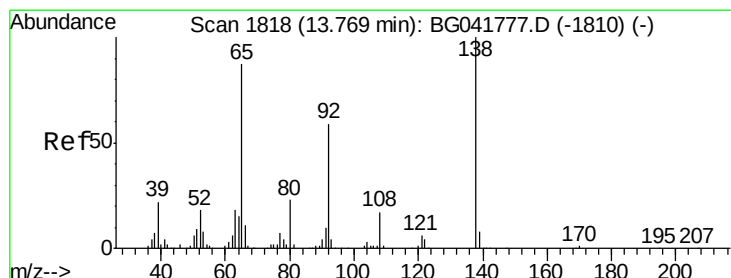
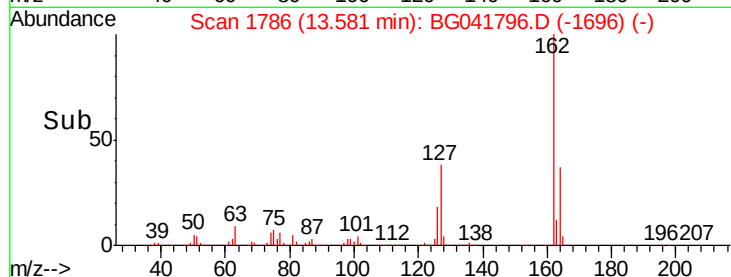
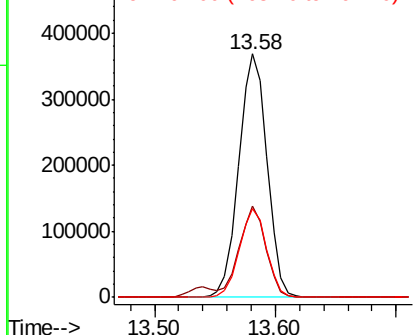
Tot Ion	Ratio	Resp	Lower	Upper
162	100	599166		
127	37.5		30.4	45.6
164	36.6		28.6	42.8

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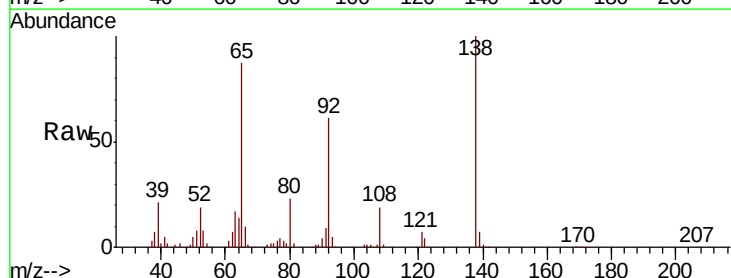


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

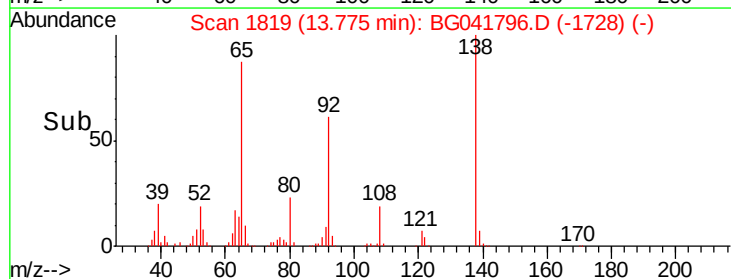
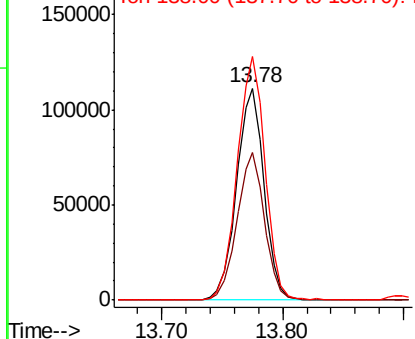


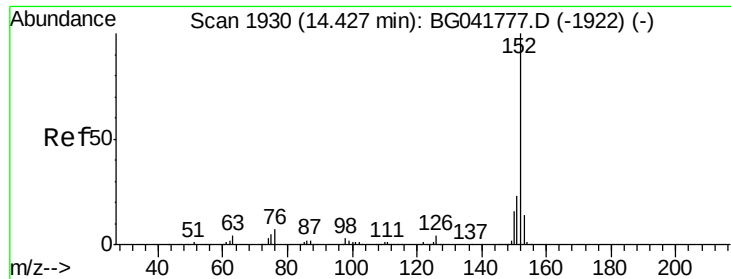
#48
2-Nitroaniline
Concen: 44.400 ng
RT: 13.78 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	176759		
92	69.5		53.9	80.9
138	114.9		83.5	125.3



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: 41.173 ng

RT: 14.43 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

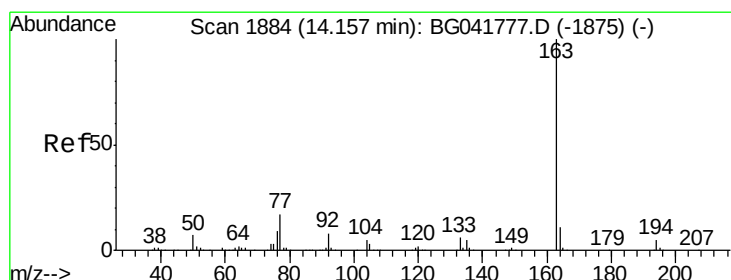
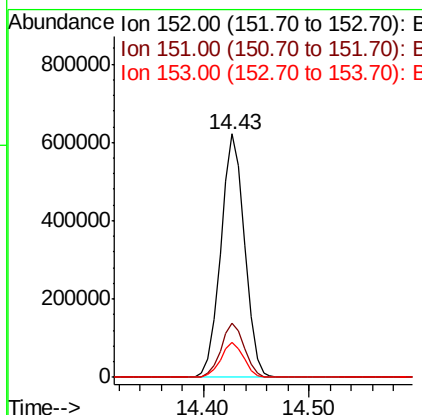
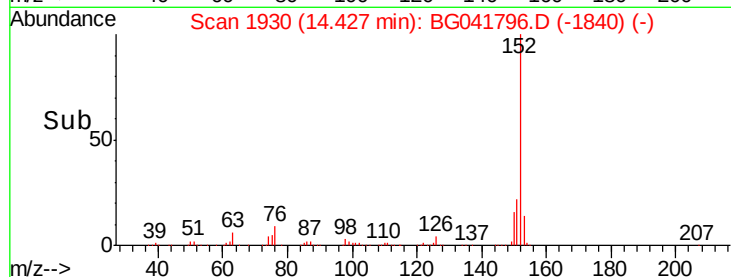
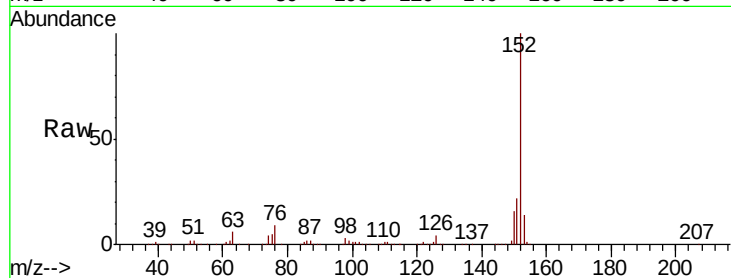
ClientSampleId :

PB121767BS

Tot Ion:	152	Resp:	966747
Ion Ratio	Lower	Upper	
152	100		
151	22.0	18.7	28.1
153	14.2	12.4	18.6

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#50

Dimethylphthalate

Concen: 41.925 ng

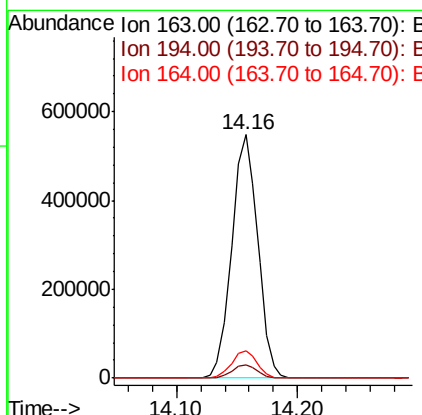
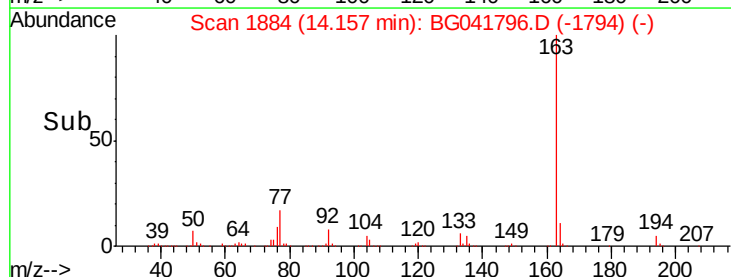
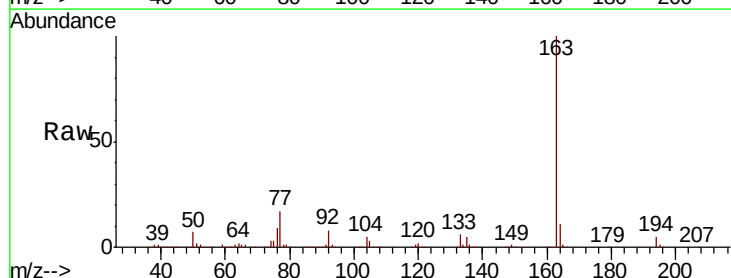
RT: 14.16 min Scan# 1884

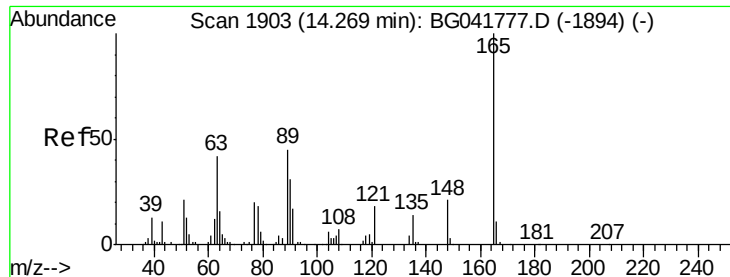
Delta R.T. -0.00 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Tgt Ion:	163	Resp:	821208
Ion Ratio	Lower	Upper	
163	100		
194	5.3	4.2	6.2
164	11.1	9.4	14.2





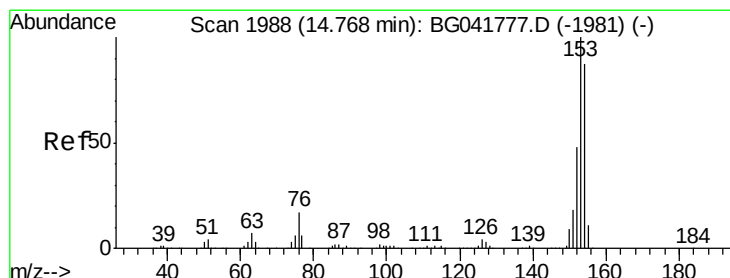
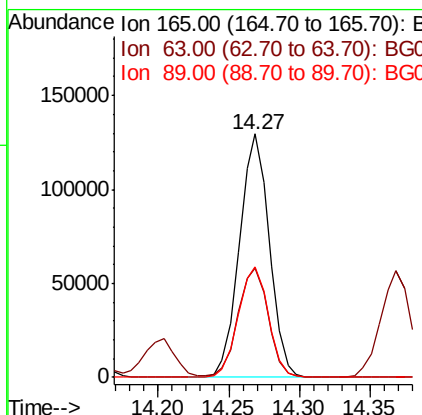
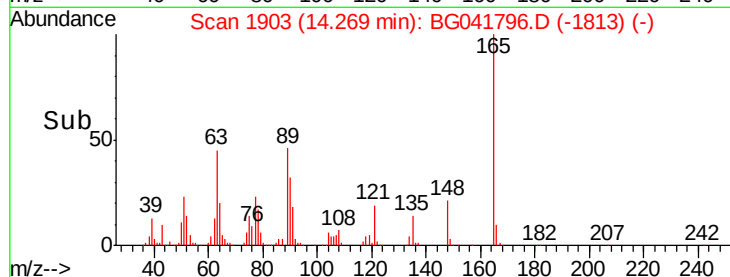
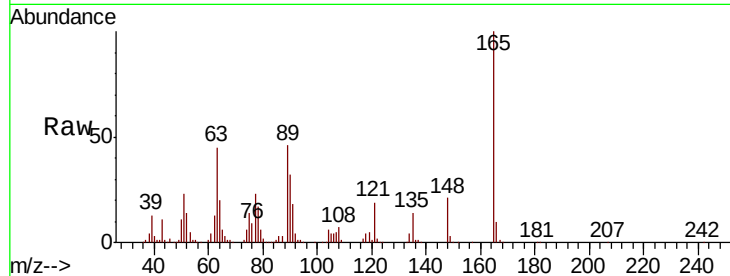
#51
 2,6-Dinitrotoluene
 Concen: 46.795 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	191663		
63	45.1		42.4	63.6
89	45.6		42.1	63.1

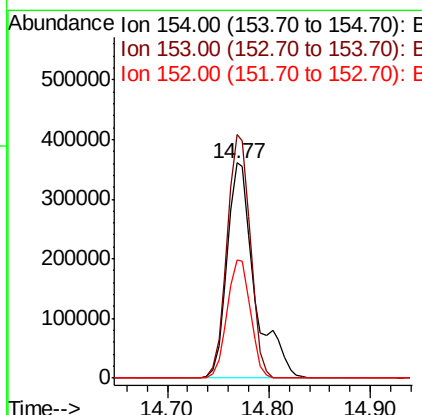
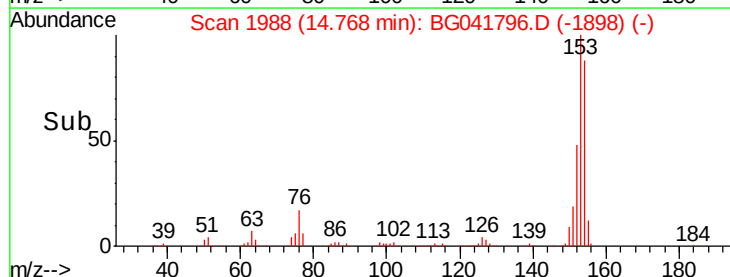
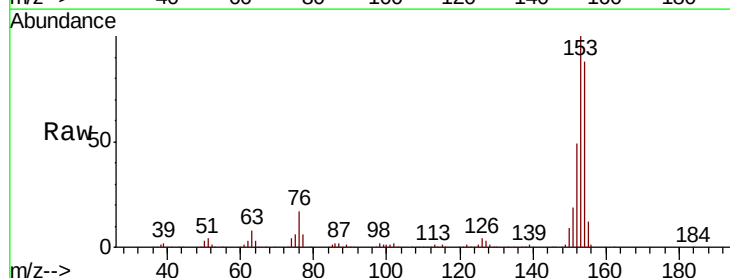
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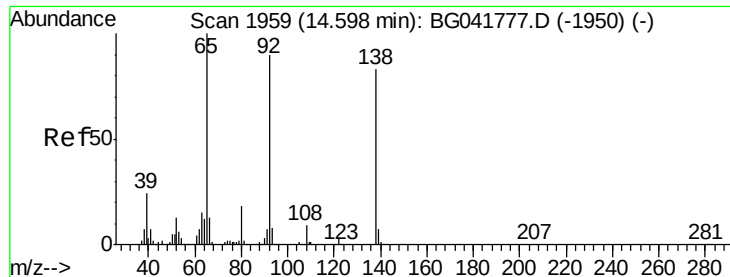
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#52
 Acenaphthene
 Concen: 44.746 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	683335		
153	113.2		89.8	134.6
152	54.9		44.9	67.3





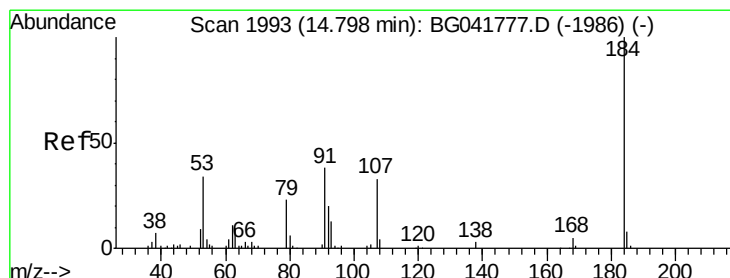
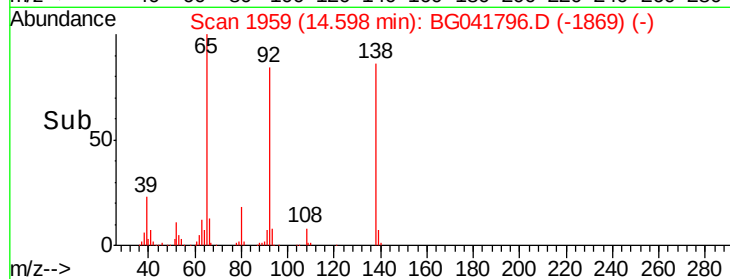
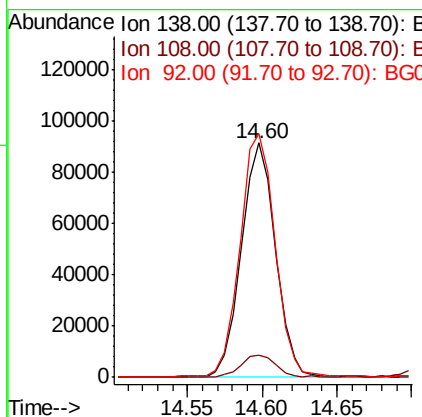
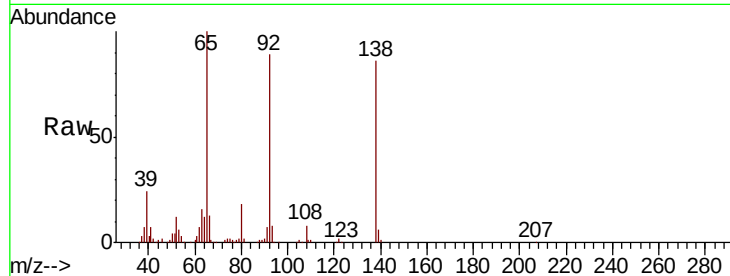
#53
3-Nitroaniline
Concen: 32.957 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	10.3	15.5#
92	104.0	93.0	139.4

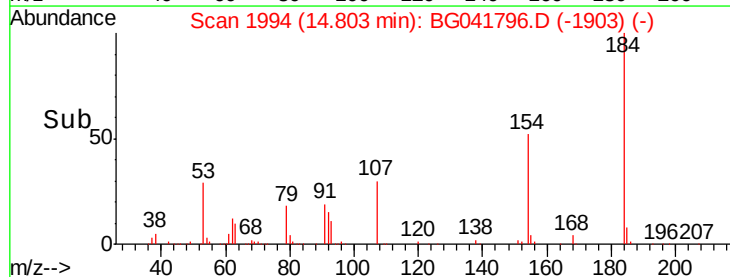
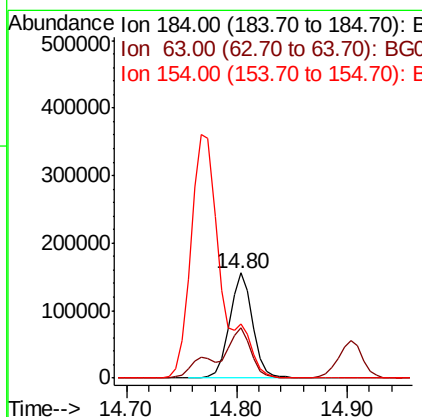
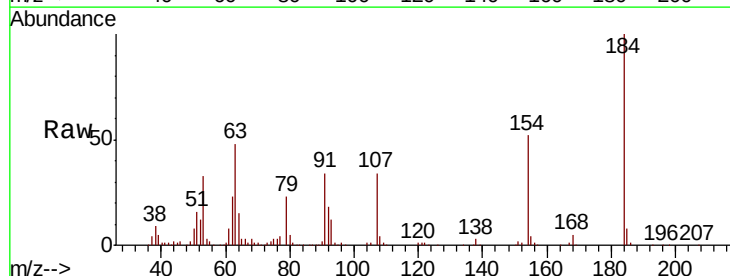
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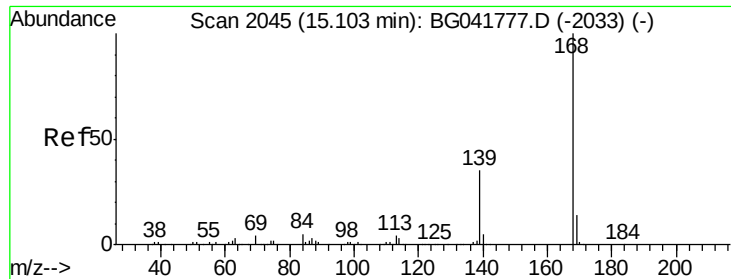
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#54
2,4-Dinitrophenol
Concen: 88.735 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.5	43.2	64.8
154	52.1	51.4	77.2





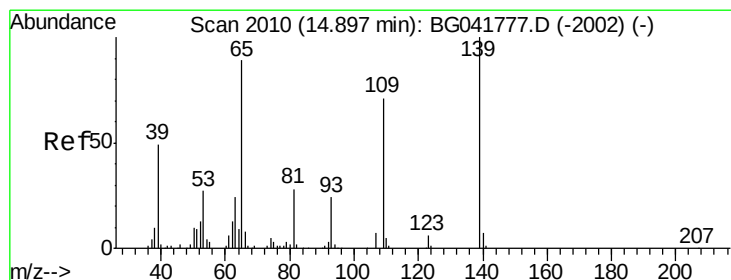
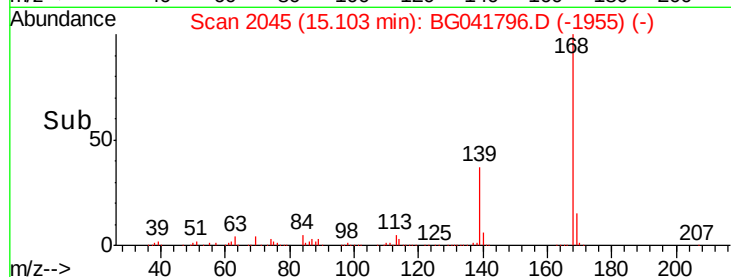
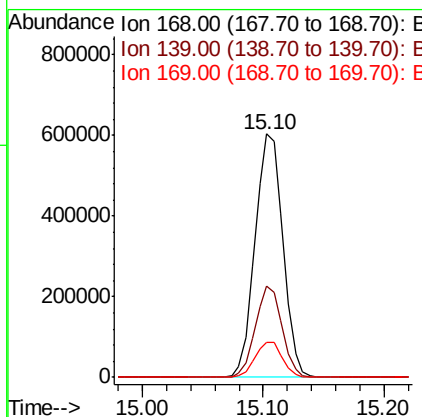
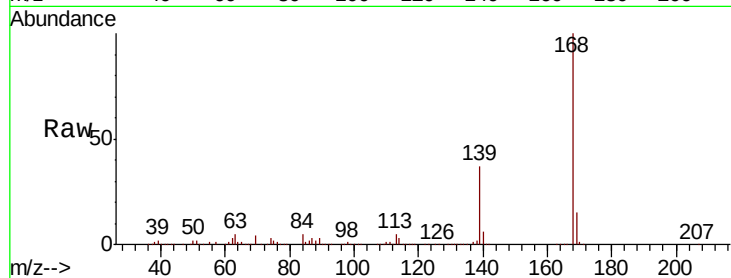
#55
Dibenzofuran
Concen: 41.490 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.9	47.9
169	14.5	12.5	18.7

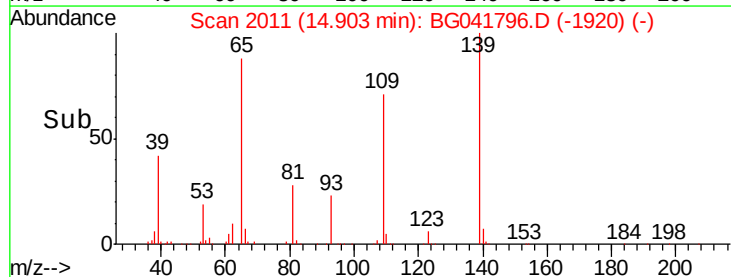
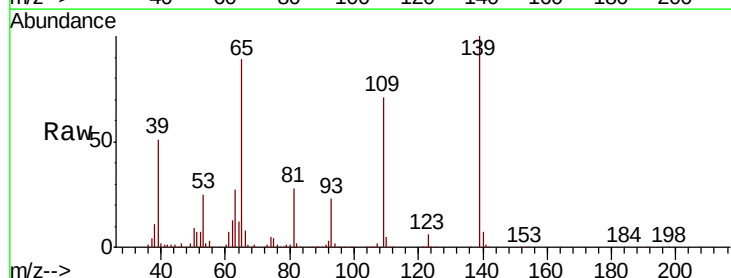
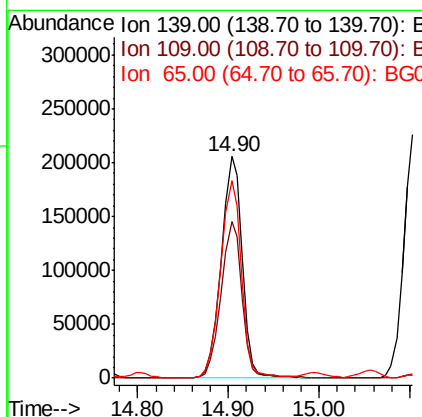
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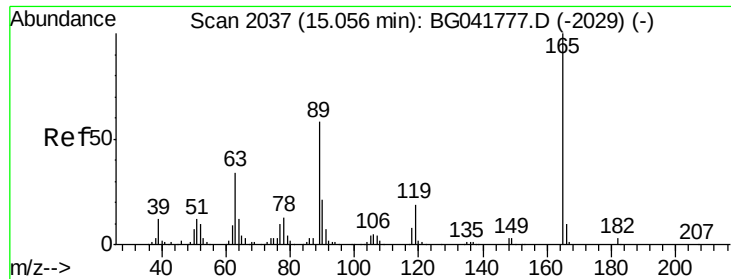
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#56
4-Nitrophenol
Concen: 99.382 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.6	51.3	91.3
65	89.4	77.6	117.6





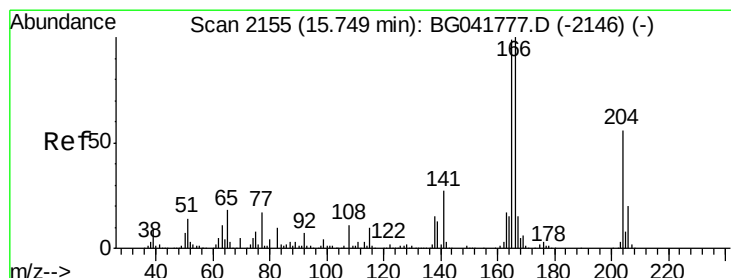
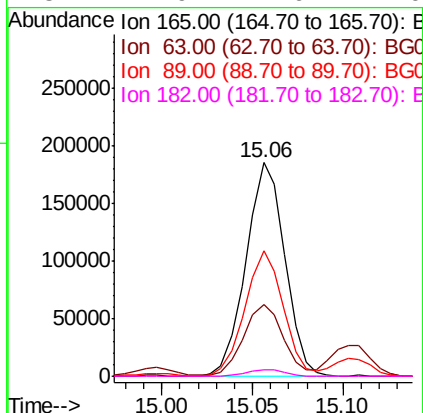
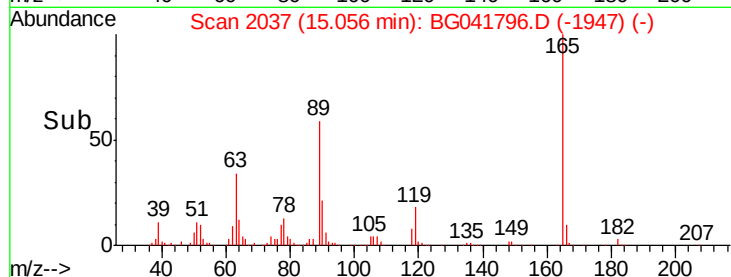
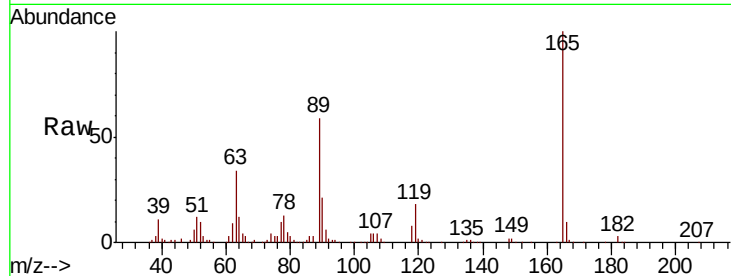
#57
2,4-Dinitrotoluene
Concen: 48.722 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		274435		
63	33.9	31.7	47.5		
89	58.5	50.2	75.4		
182	2.9	2.6	4.0		

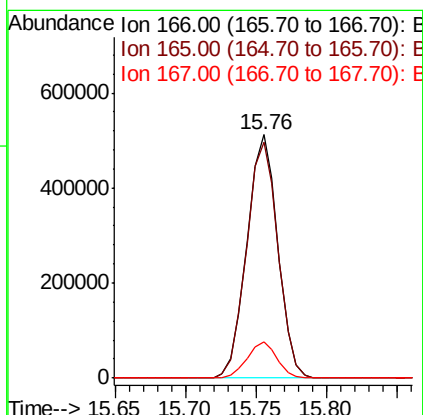
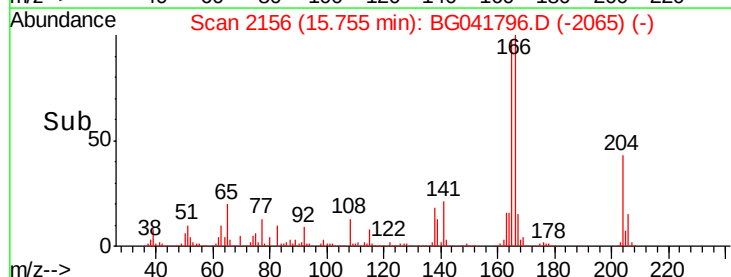
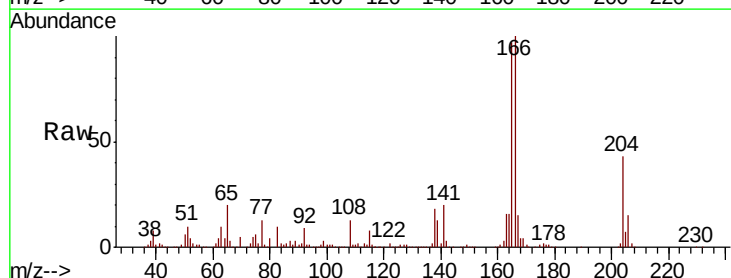
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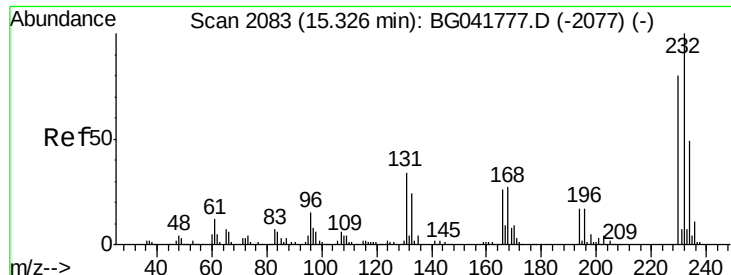
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#58
Fluorene
Concen: 41.926 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		785912		
165	96.8	80.5	120.7		
167	14.7	12.4	18.6		





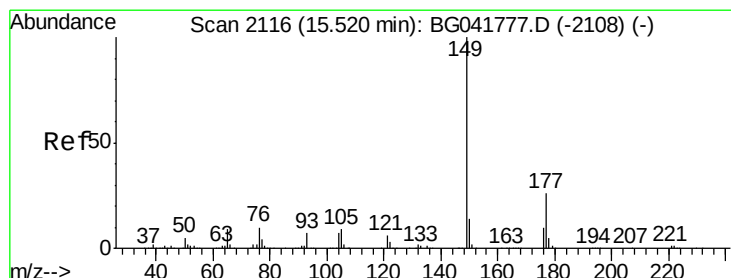
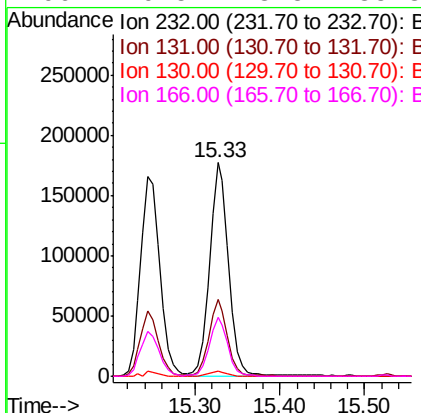
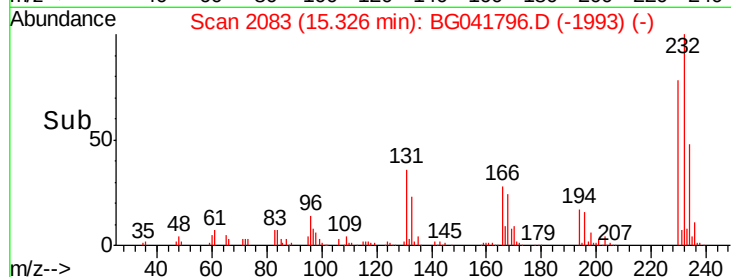
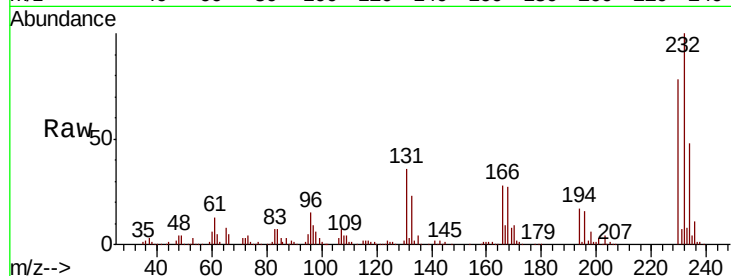
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.323 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	279481		
131	34.9		31.8	47.6
130	2.1		1.8	2.8
166	26.5		23.5	35.3

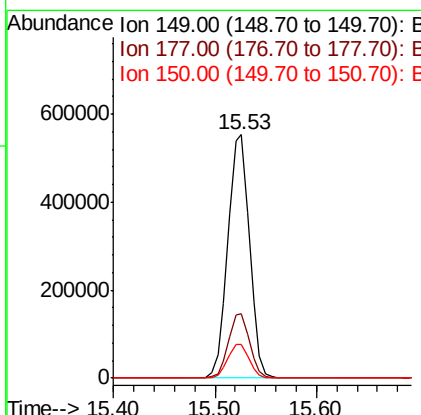
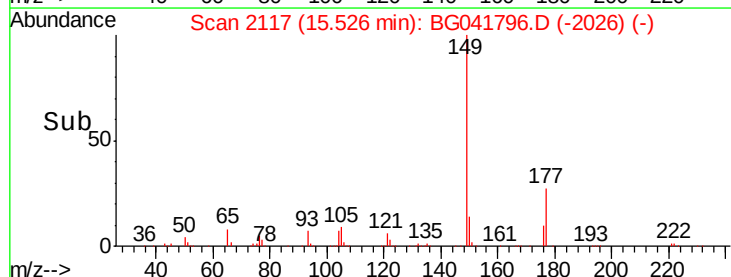
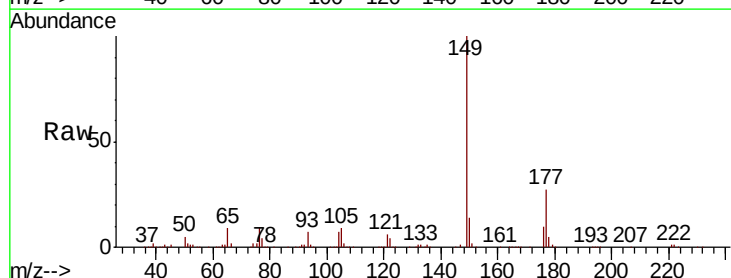
Manual Integrations
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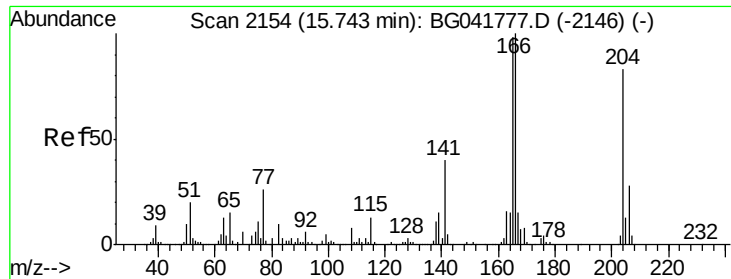
mohammad
 8/1/2019 5:04:45 PM



#60
 Diethylphthalate
 Concen: 42.441 ng
 RT: 15.53 min Scan# 2117
 Delta R.T. 0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	816157		
177	26.5		20.7	31.1
150	13.8		11.5	17.3





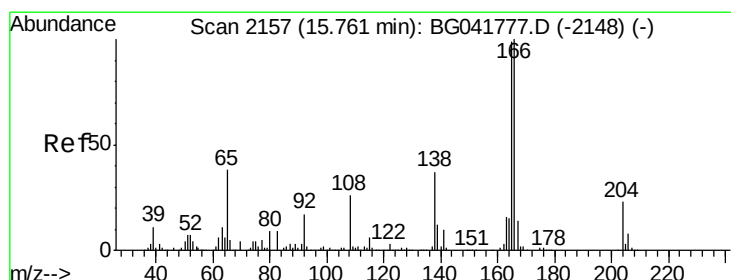
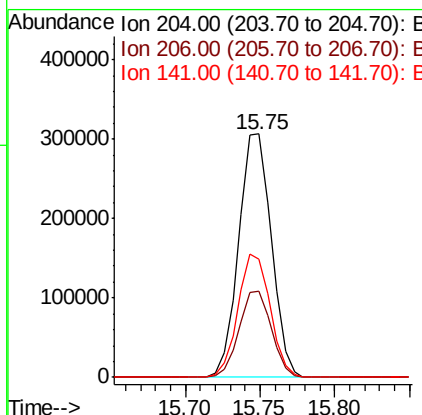
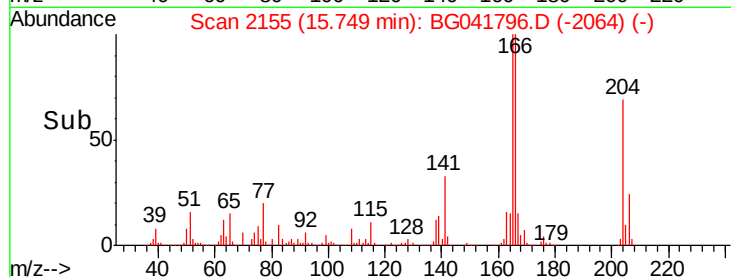
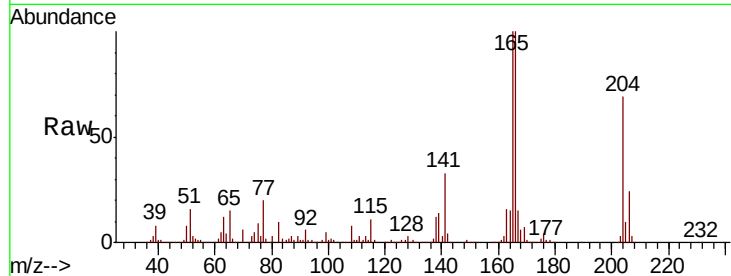
#61
 4-Chlorophenyl-phenylether
 Concen: 40.631 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Instrument :
 BNA_G
 ClientSampled :
 PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	464971		
206	35.5	28.6	42.8	
141	48.4	42.9	64.3	

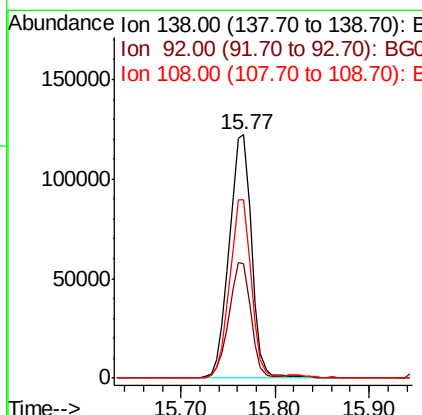
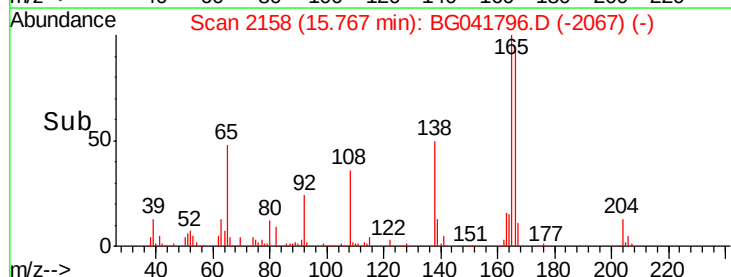
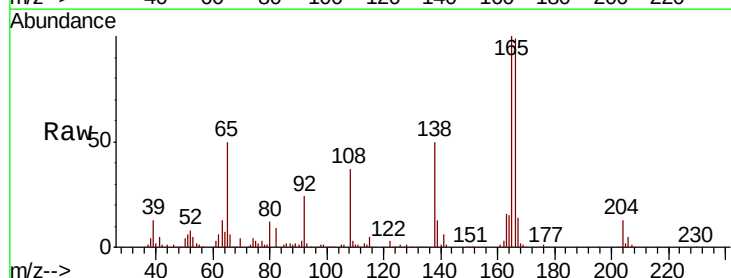
Manual Integrations
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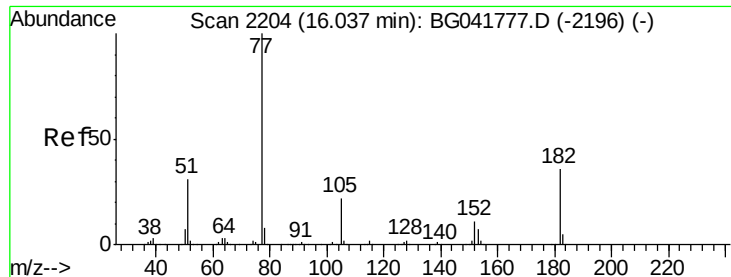
mohammad
 8/1/2019 5:04:45 PM



#62
 4-Nitroaniline
 Concen: 42.758 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	202933		
92	46.9	29.8	69.8	
108	73.2	52.2	92.2	





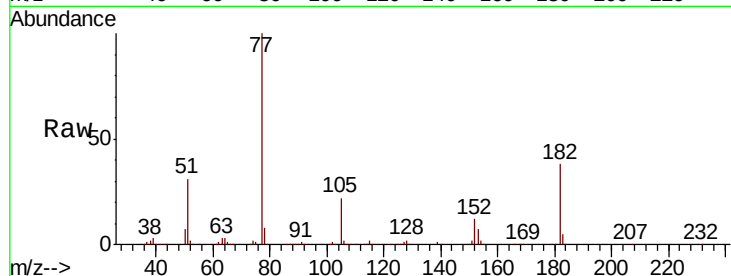
#63
Azobenzene
Concen: 41.770 ng
RT: 16.04 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	37.8	13.2	53.2
105	22.3	2.2	42.2
51	31.1	14.6	54.6

Manual Integrations
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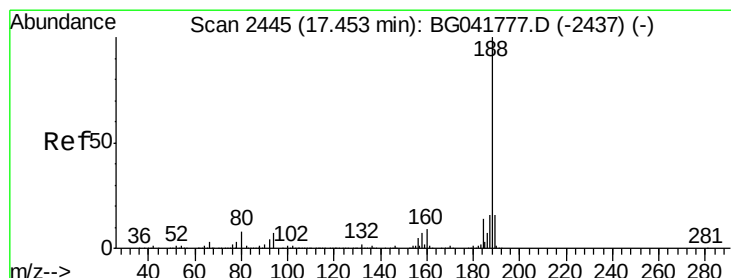
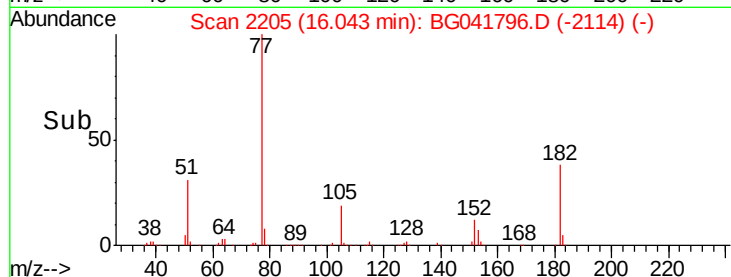
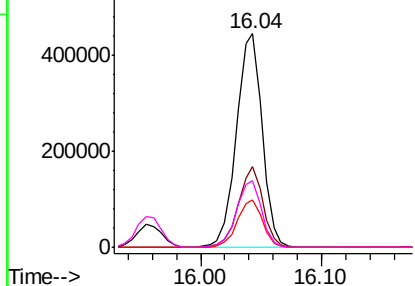
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

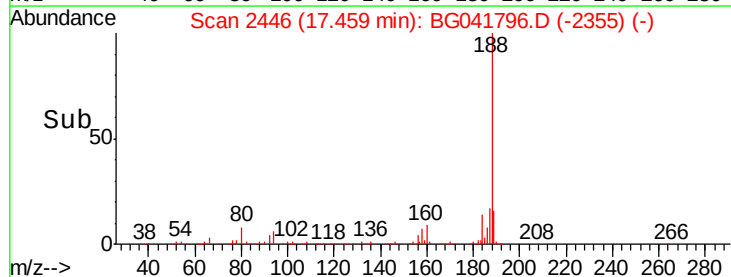
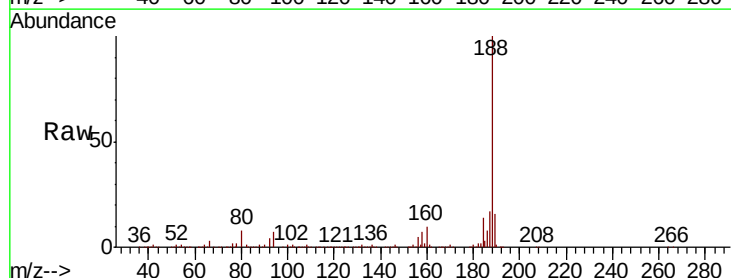
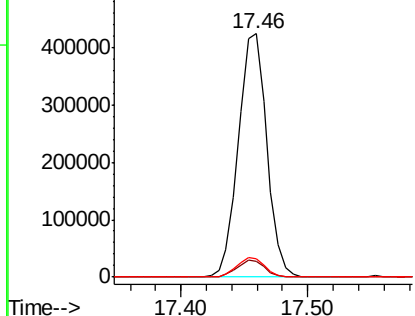
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.6	8.0	12.0#

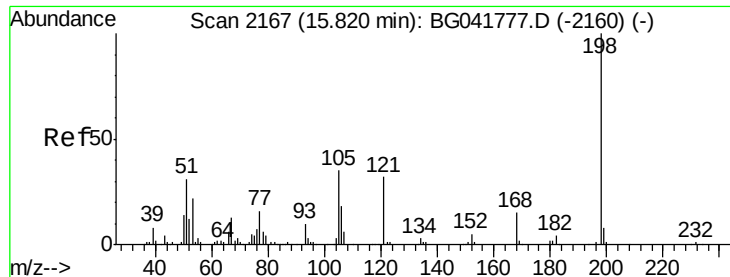
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





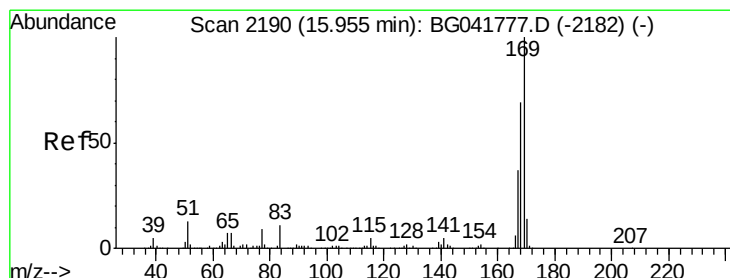
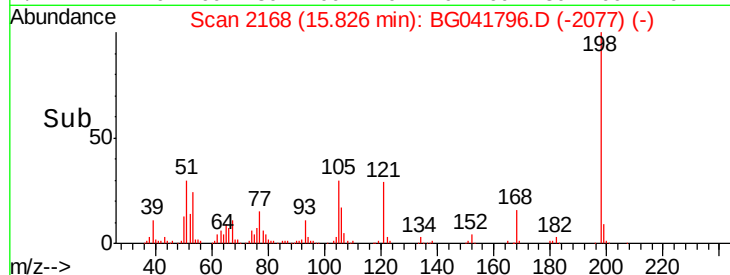
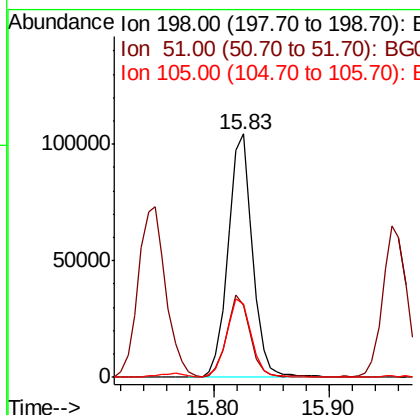
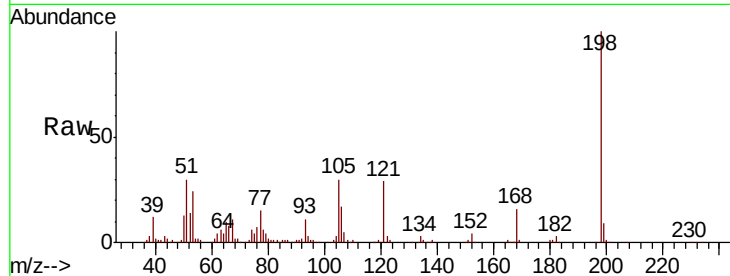
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.225 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	151859		
51	29.7		22.3	62.3
105	30.4		18.0	58.0

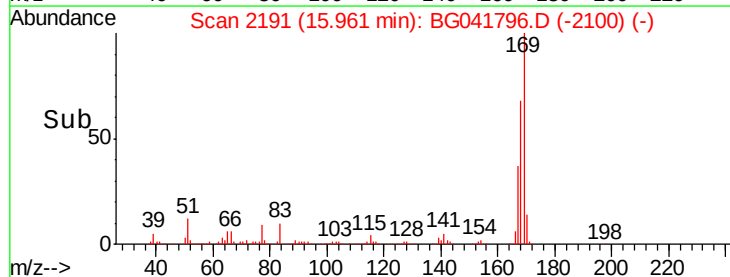
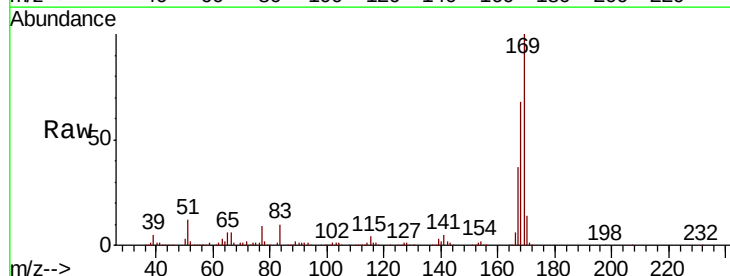
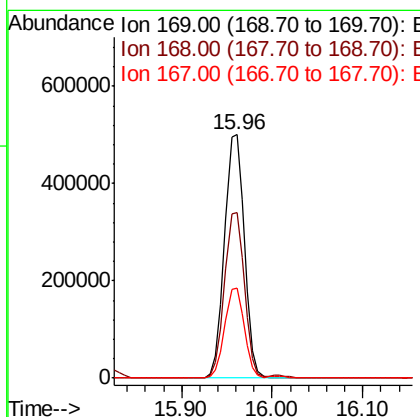
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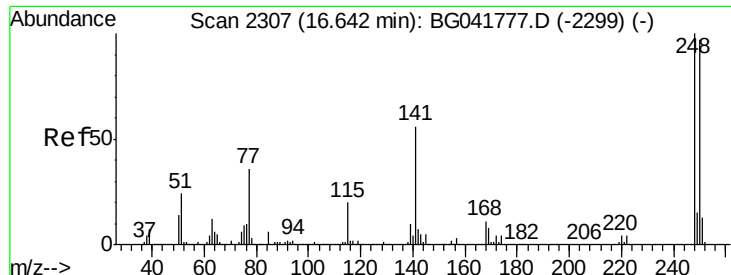
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 42.402 ng
 RT: 15.96 min Scan# 2191
 Delta R.T. 0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	760942		
168	68.2		56.9	85.3
167	36.8		31.5	47.3





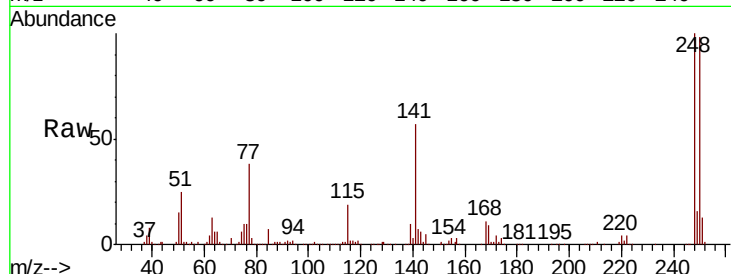
#67
 4-Bromophenyl-phenylether
 Concen: 39.988 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.1	117.1
141	56.7	49.6	74.4

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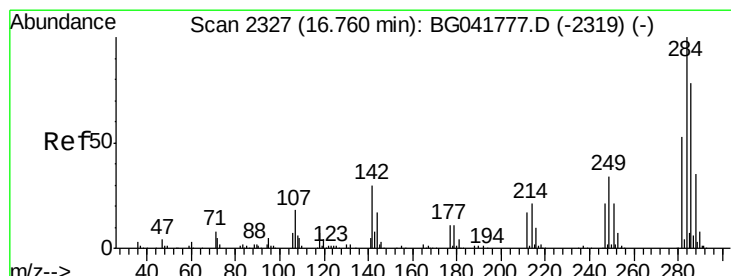
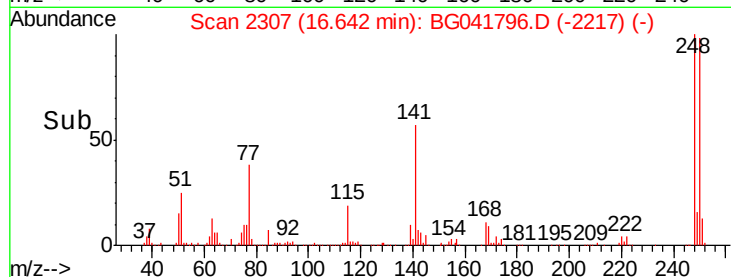
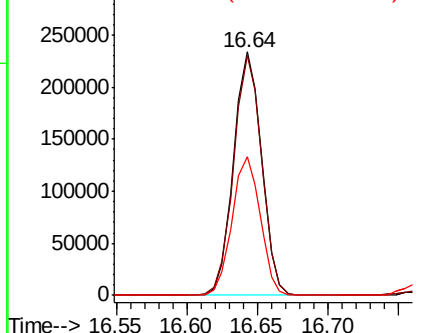


Abundance

Ion 248.00 (247.70 to 248.70): E

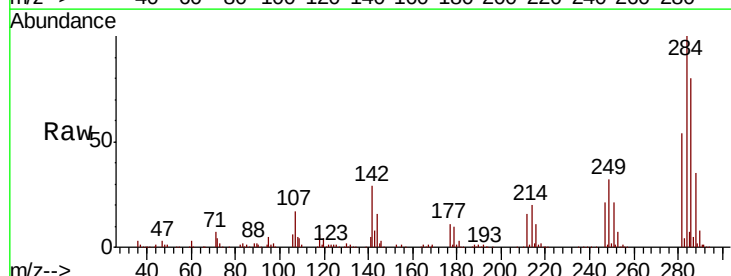
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.056 ng
 RT: 16.77 min Scan# 2328
 Delta R.T. 0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	27.0	40.6
249	32.3	28.4	42.6

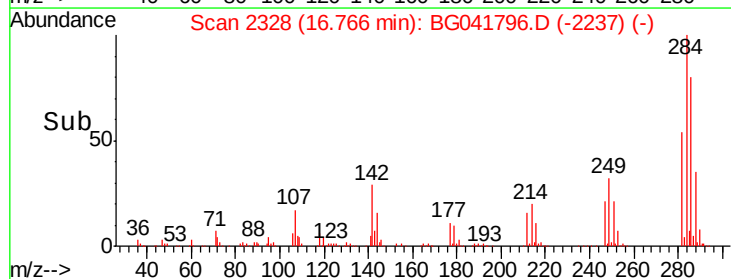
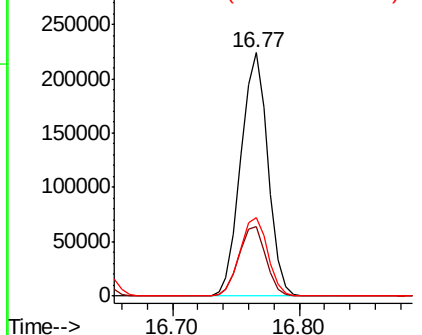


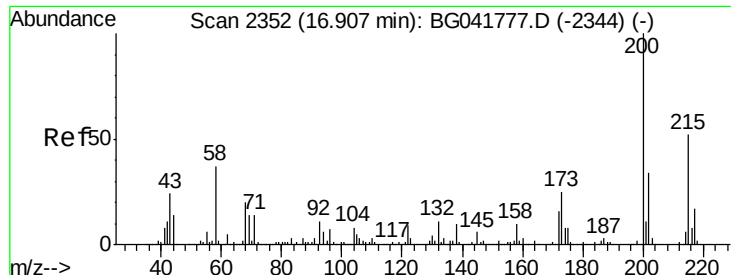
Abundance

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





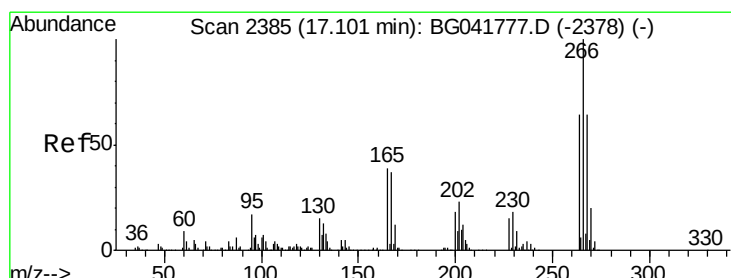
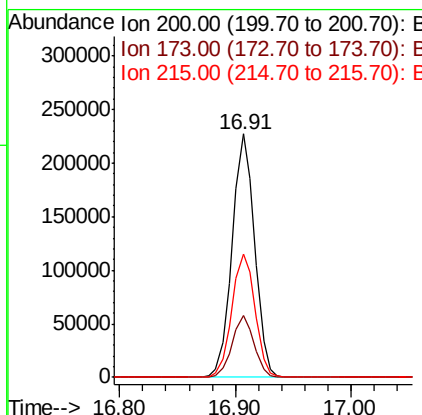
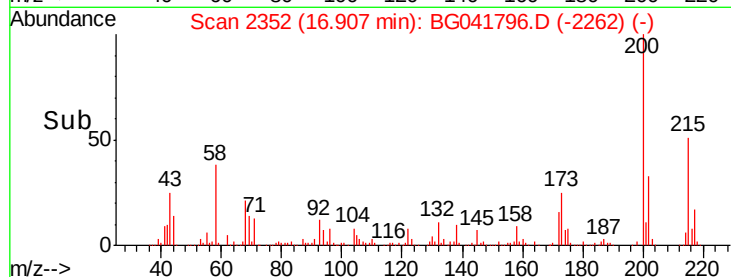
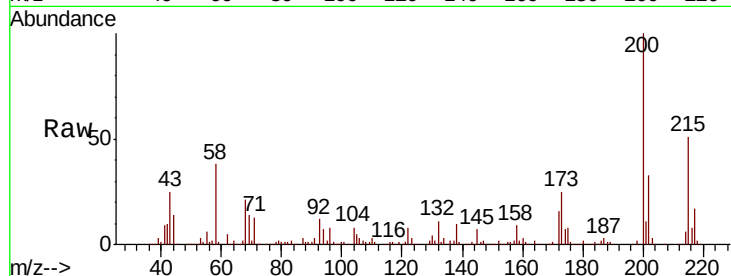
#69
Atrazine
Concen: 43.484 ng
RT: 16.91 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	306601		
173	25.5	5.3	45.3	
215	50.9	31.8	71.8	

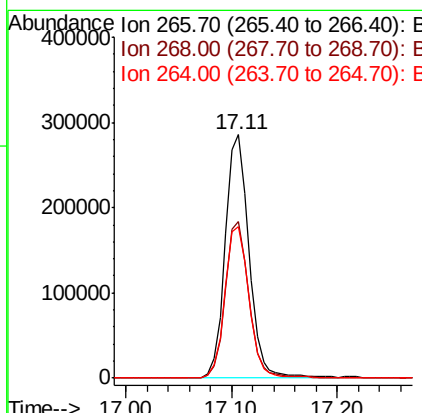
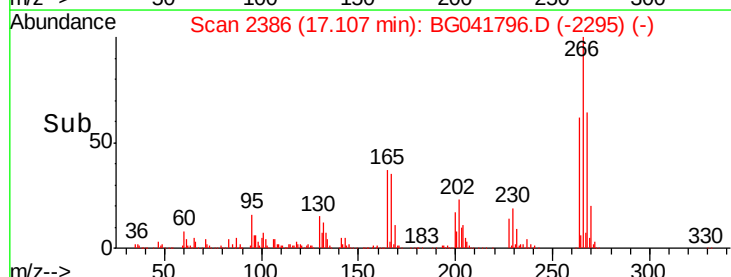
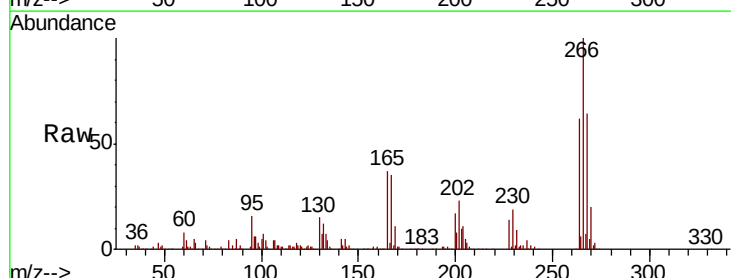
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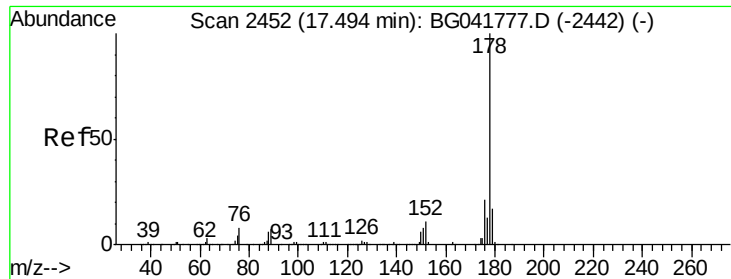
mohammad
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#70
Pentachlorophenol
Concen: 92.473 ng
RT: 17.11 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	446003		
268	64.2	52.9	79.3	
264	62.3	51.4	77.2	





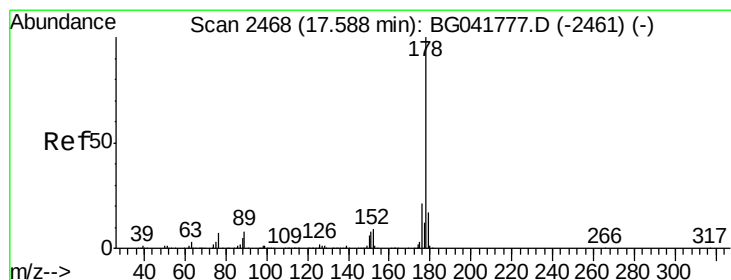
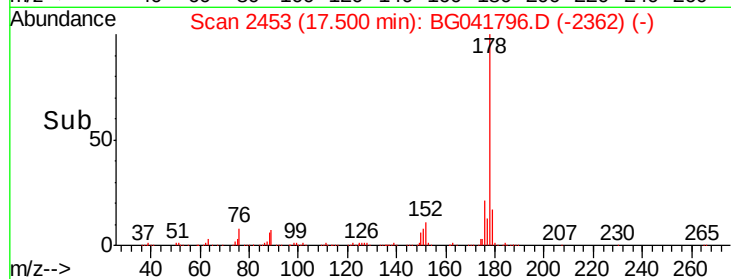
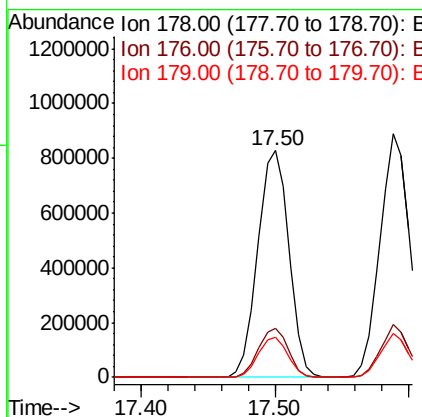
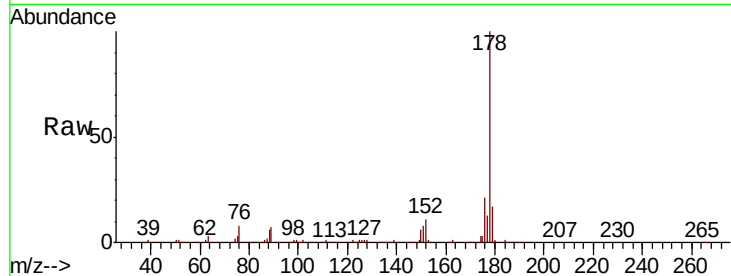
#71
Phenanthrene
Concen: 42.198 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion:178 Resp: 1332554
Ion Ratio Lower Upper
178 100
176 21.5 18.6 28.0
179 17.5 15.4 23.0

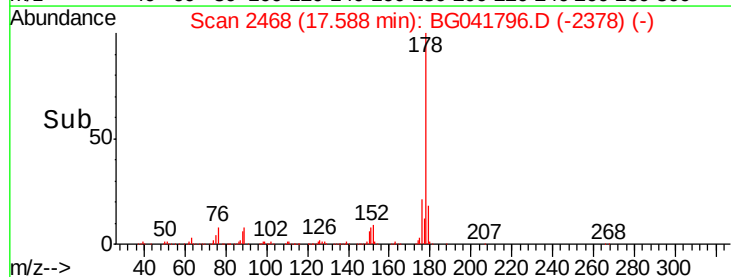
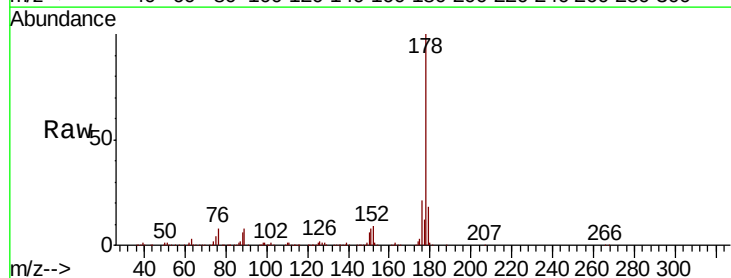
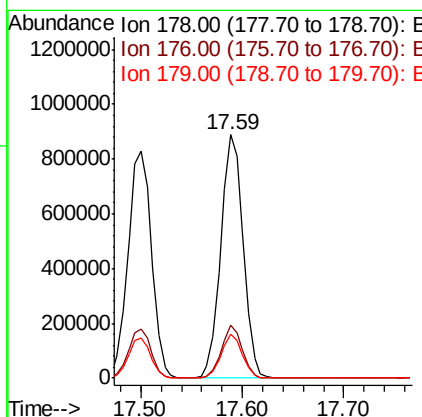
Manual Integrations
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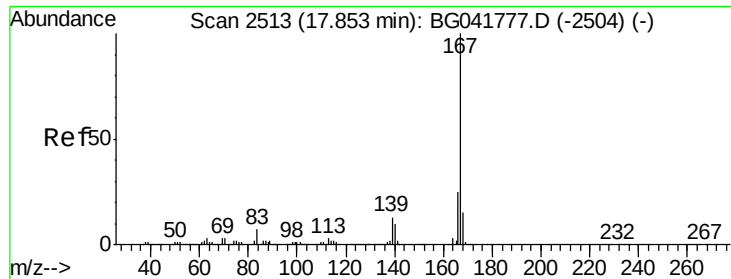
mohammad
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#72
Anthracene
Concen: 43.155 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion:178 Resp: 1359150
Ion Ratio Lower Upper
178 100
176 21.5 18.6 28.0
179 18.2 15.1 22.7





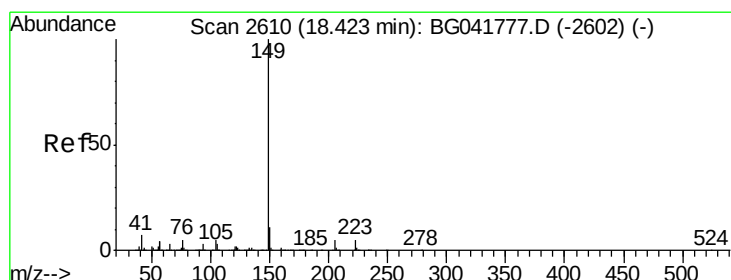
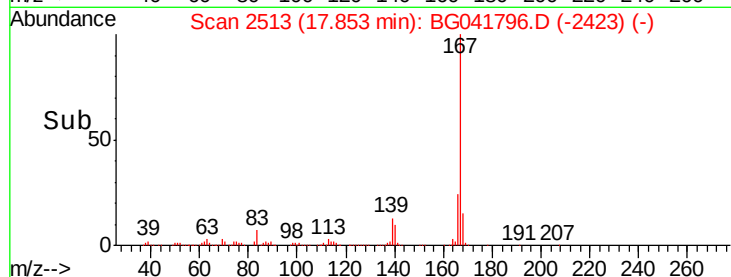
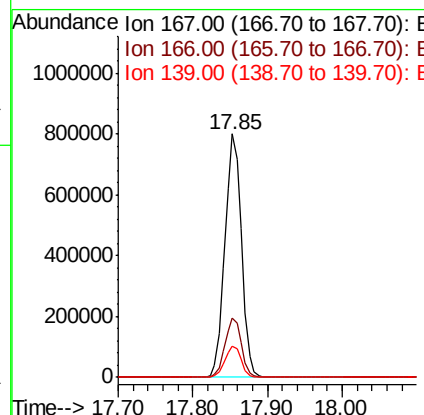
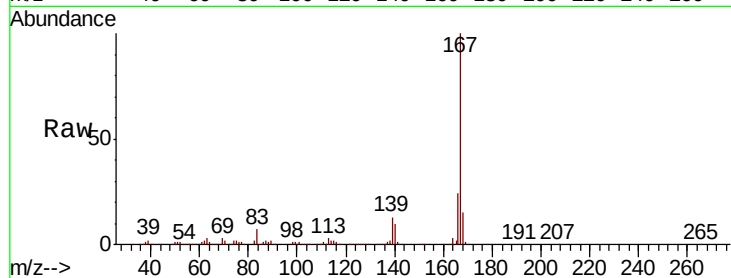
#73
 Carbazole
 Concen: 43.746 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	21.4	32.2
139	12.9	12.1	18.1

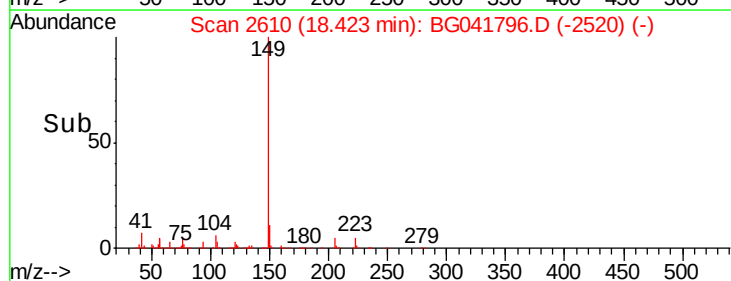
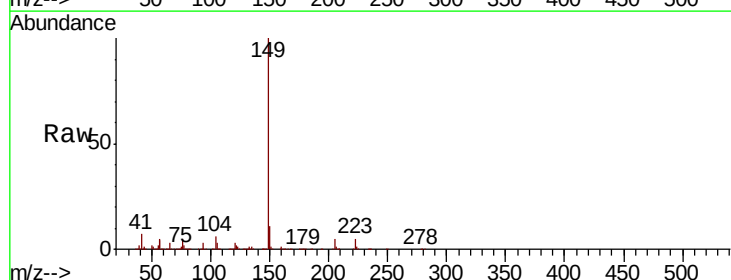
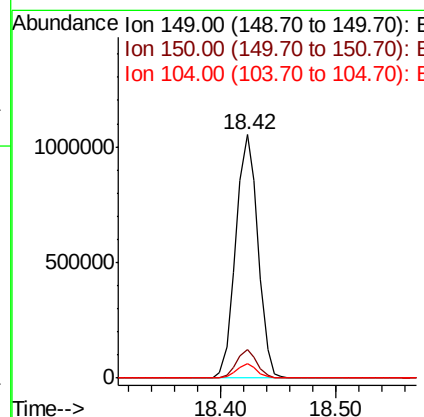
Manual Integrations
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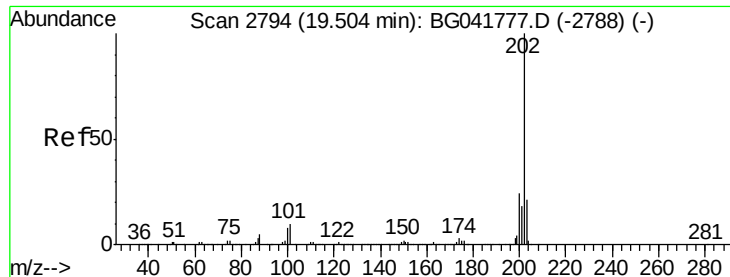
mohammad
 8/1/2019 5:04:45 PM



#74
 Di-n-butylphthalate
 Concen: 43.637 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. -0.00 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.5	10.2	15.2
104	5.8	5.3	7.9





#75

Fluoranthene

Concen: 43.556 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

ClientSampleId :

PB121767BS

Tot Ion:202 Resp: 1671899

Ion Ratio Lower Upper

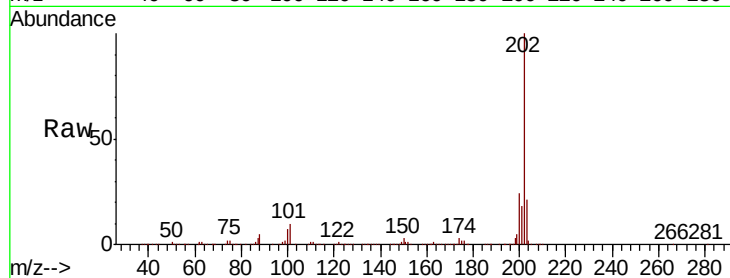
202 100

101 9.8 0.0 32.8

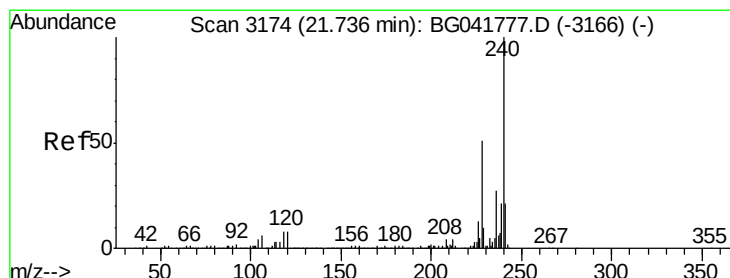
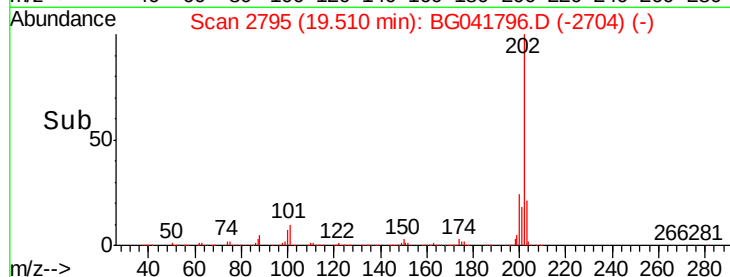
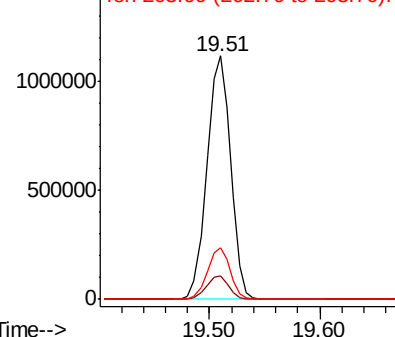
203 21.3 3.7 43.7

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

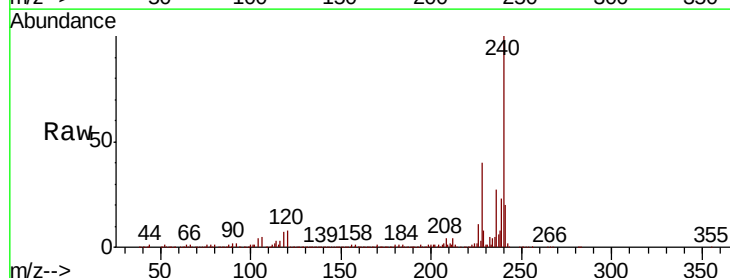
Tgt Ion:240 Resp: 655831

Ion Ratio Lower Upper

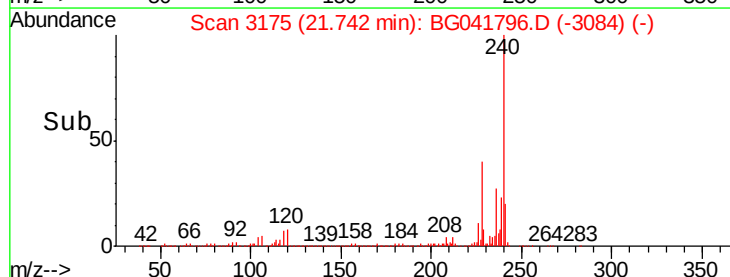
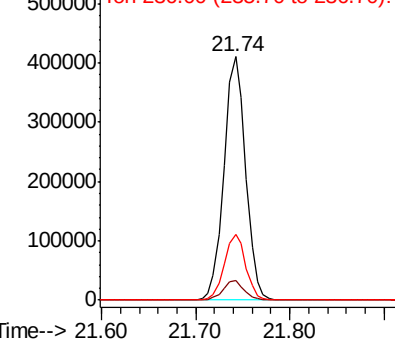
240 100

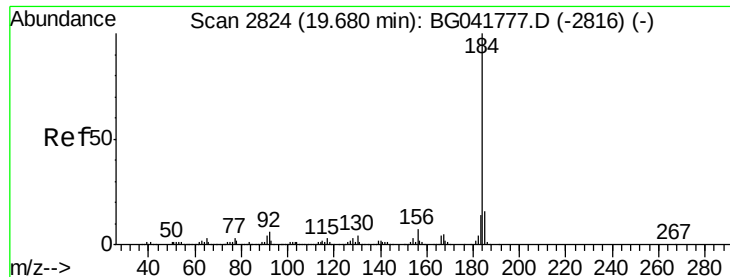
120 7.8 8.0 12.0#

236 27.0 22.6 33.8



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





#77

Benzidine

Concen: 33.630 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

ClientSampleId :

PB121767BS

Tot Ion:184 Resp: 719900

Ion Ratio Lower Upper

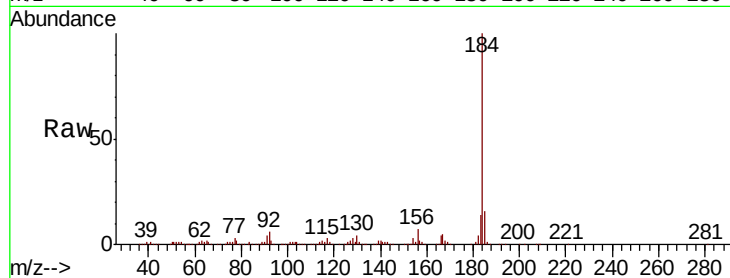
184 100

185 15.9 13.0 19.4

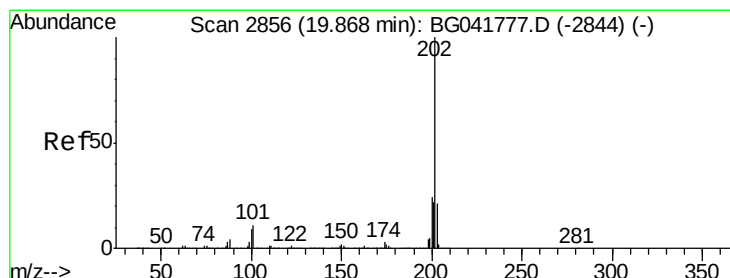
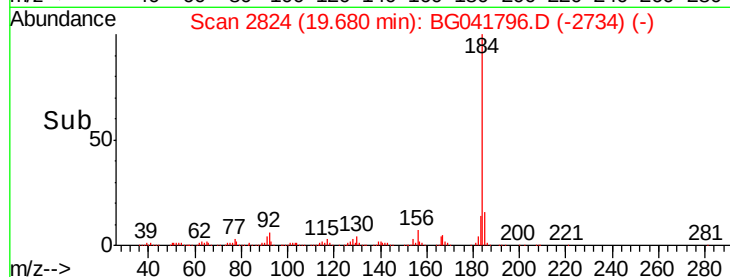
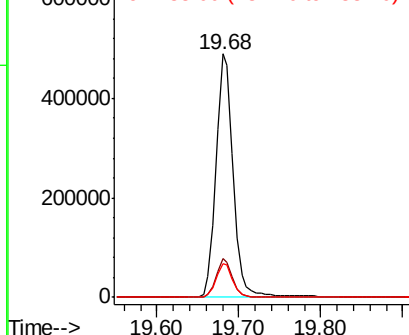
183 13.6 11.8 17.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.691 ng

RT: 19.87 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

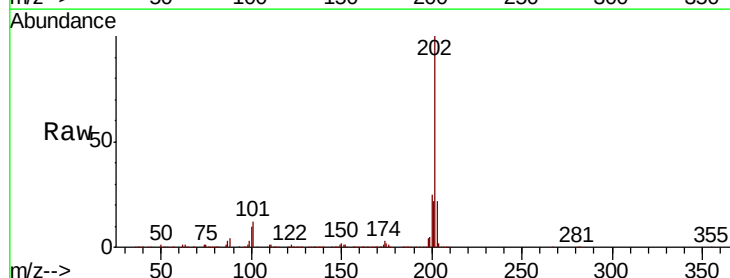
Tgt Ion:202 Resp: 1658825

Ion Ratio Lower Upper

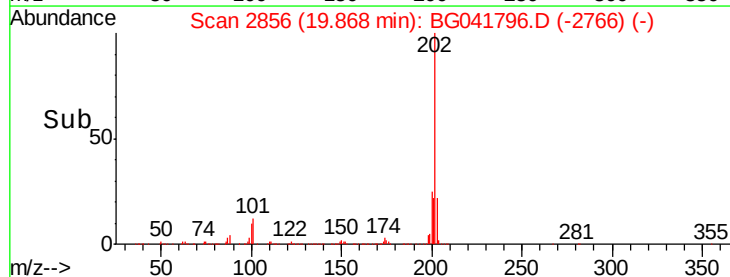
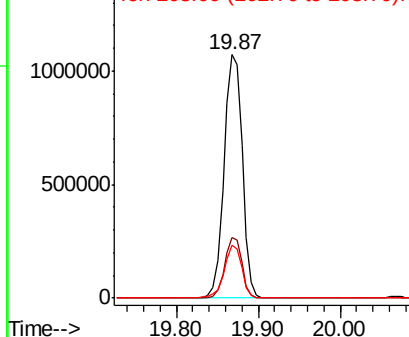
202 100

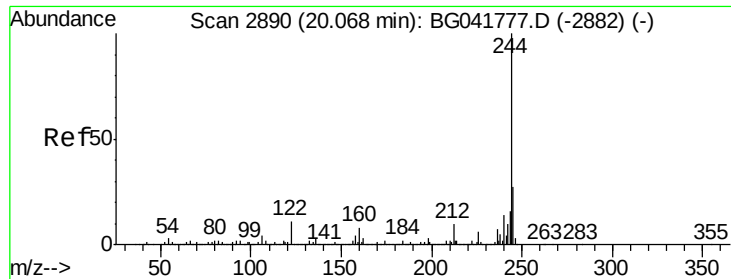
200 25.0 22.2 33.2

203 21.6 18.9 28.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





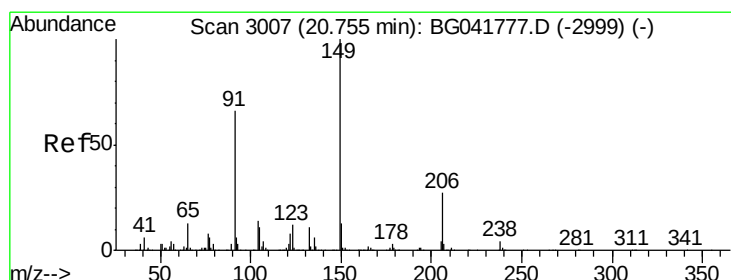
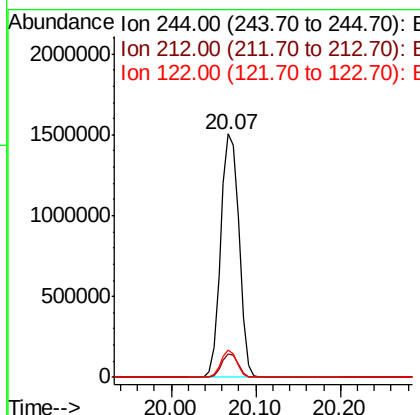
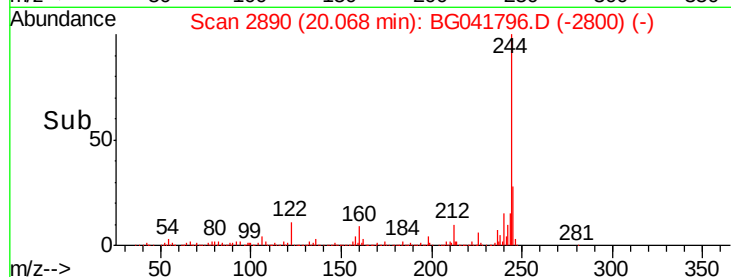
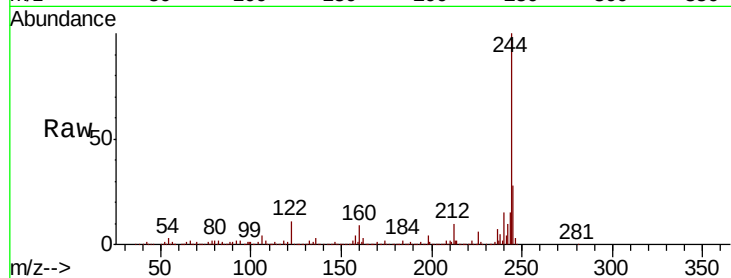
#79
 Terphenyl-d14
 Concen: 79.429 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.8	9.7	14.5
122	11.2	12.5	18.7#

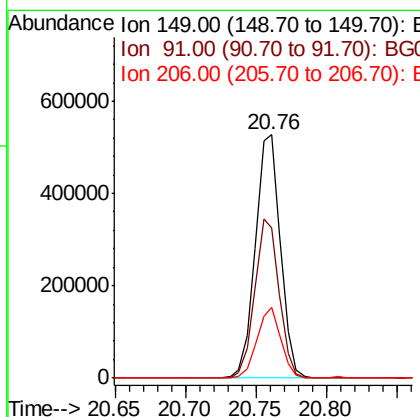
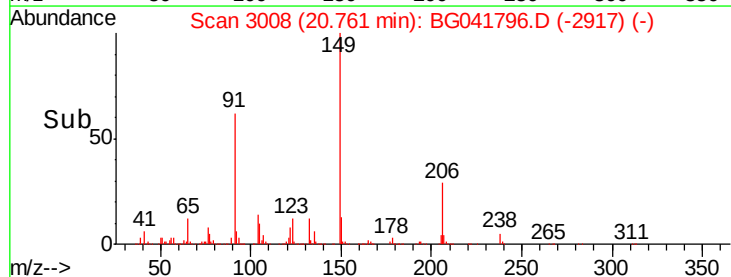
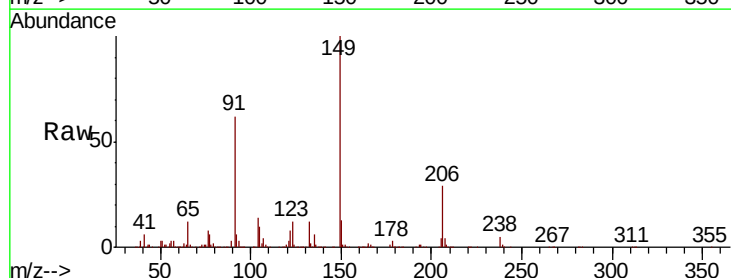
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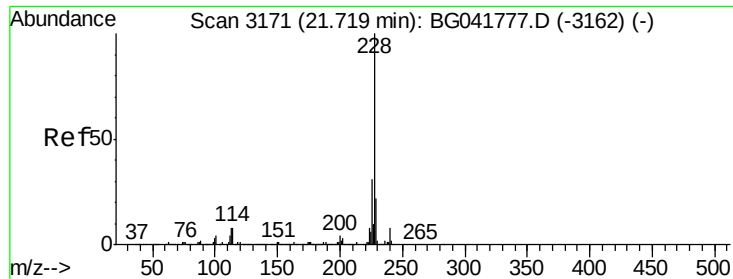
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.362 ng
 RT: 20.76 min Scan# 3008
 Delta R.T. 0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.8	58.9	88.3
206	29.1	20.8	31.2





#81

Benzo(a)anthracene

Concen: 41.071 ng

RT: 21.72 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

ClientSampleId :

PB121767BS

Tot Ion:228 Resp: 1593628

Ion Ratio Lower Upper

228 100

226 30.8 27.3 40.9

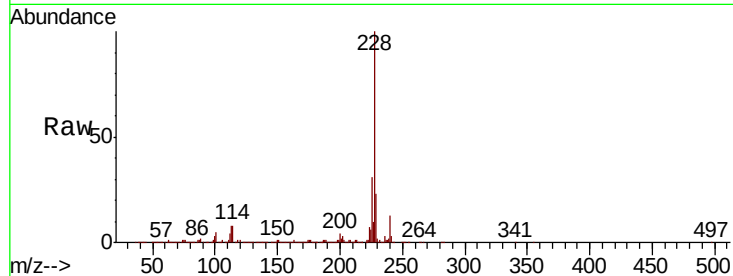
229 22.9 19.7 29.5

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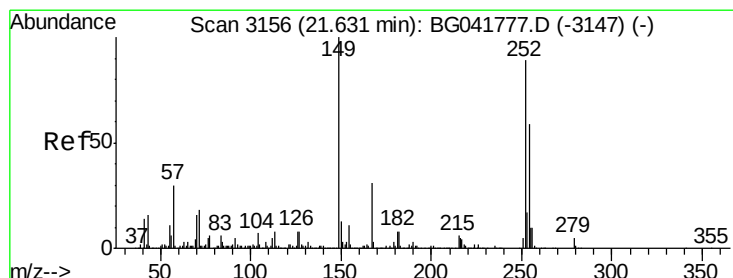
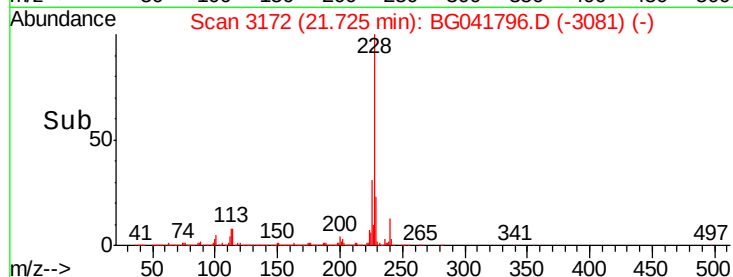
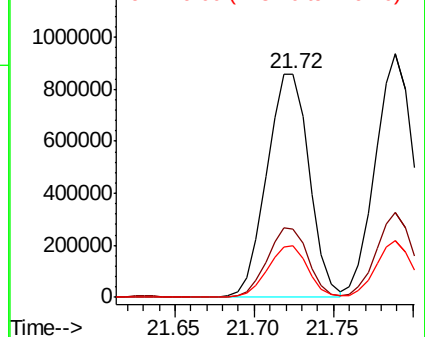


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.894 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

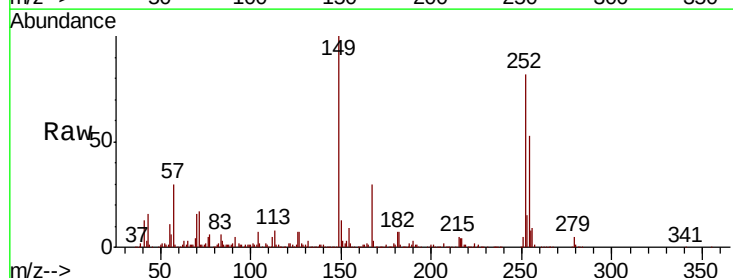
Tgt Ion:252 Resp: 528035

Ion Ratio Lower Upper

252 100

254 64.7 53.8 80.6

126 8.3 7.8 11.8

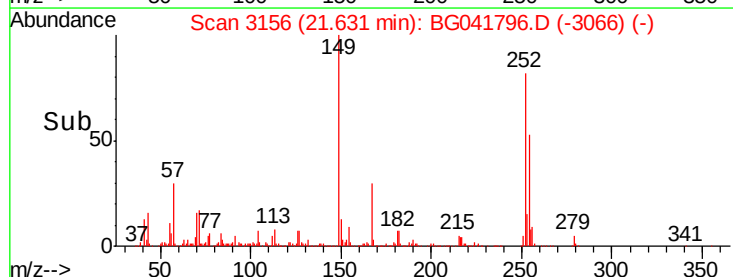
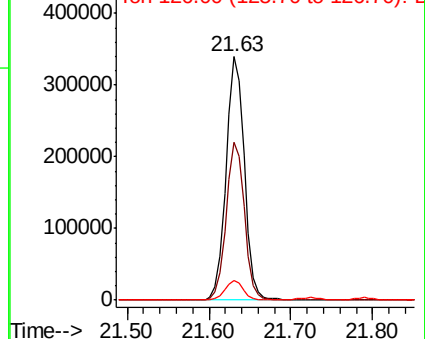


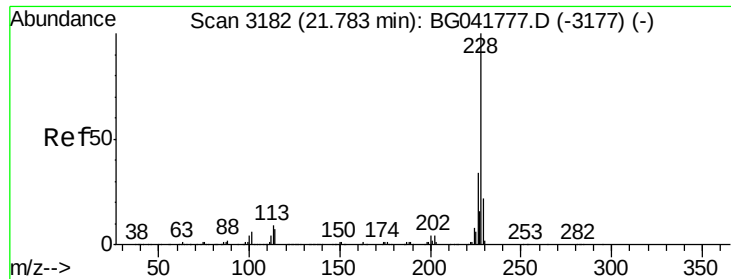
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





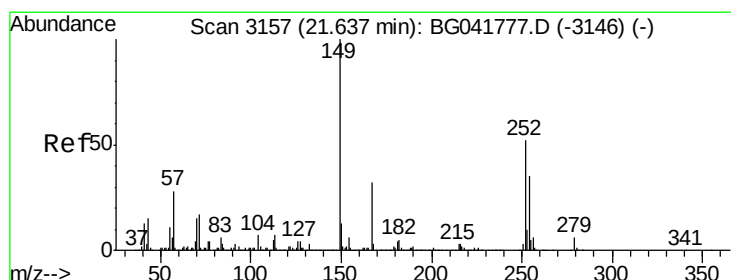
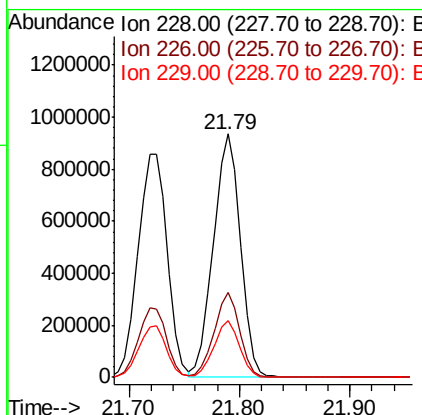
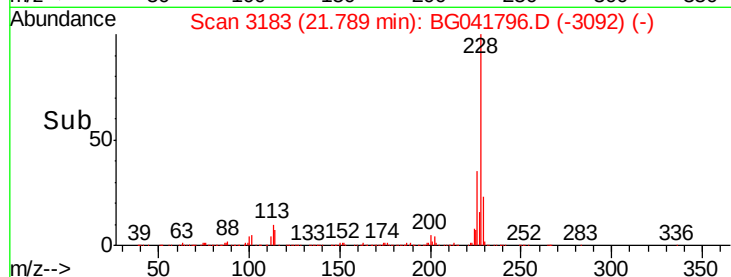
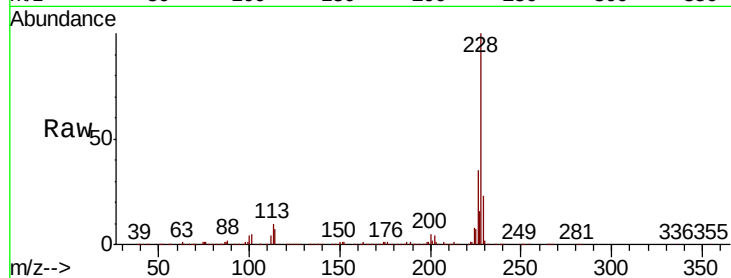
#83
 Chrysene
 Concen: 42.457 ng
 RT: 21.79 min Scan# 3183
 Delta R.T. 0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.1	30.1	45.1
229	23.2	19.8	29.6

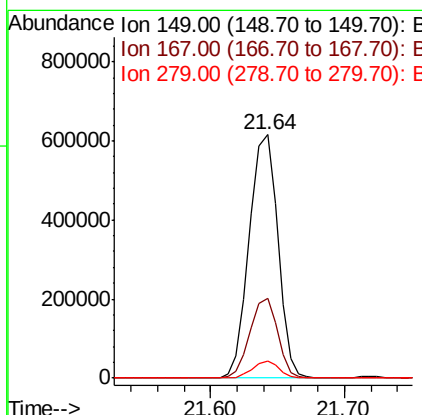
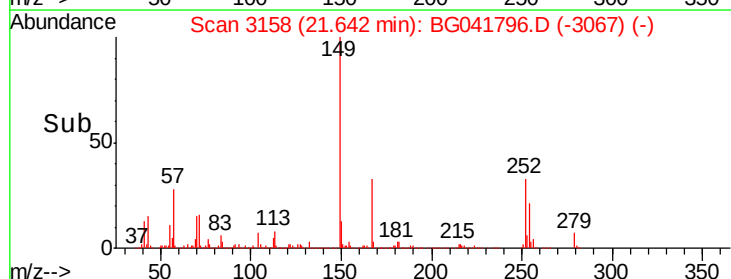
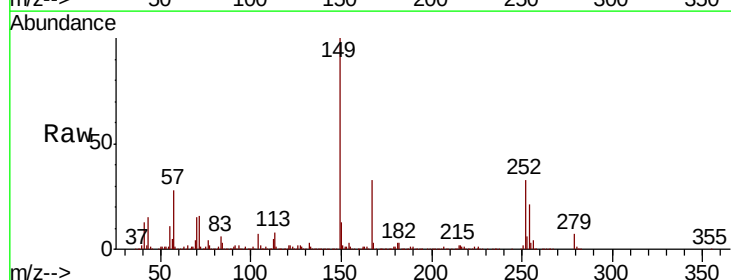
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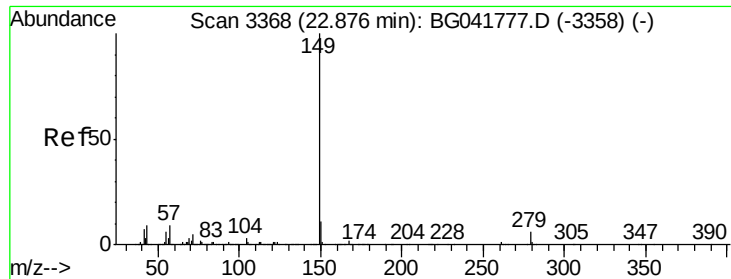
mohammad
 8/1/2019 5:04:45 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.266 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. 0.01 min
 Lab File: BG041796.D
 Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.8	27.0	40.4
279	7.1	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 45.032 ng

RT: 22.88 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

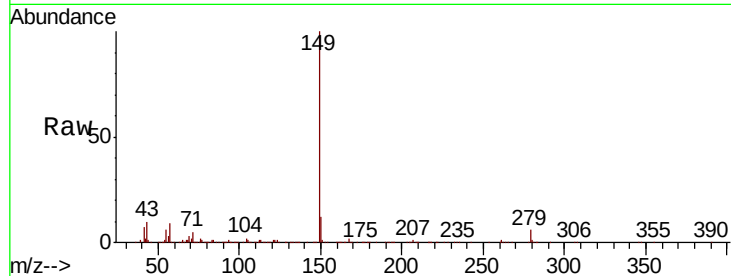
ClientSampleId :

PB121767BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	9.3	10.6	16.0

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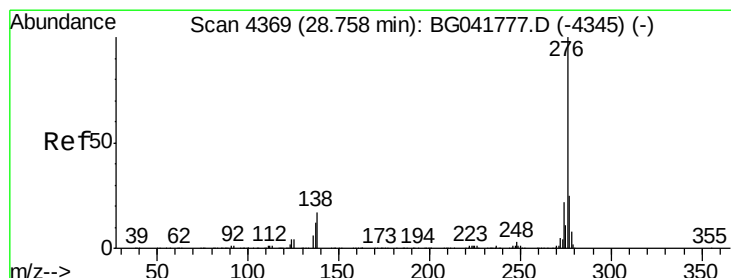
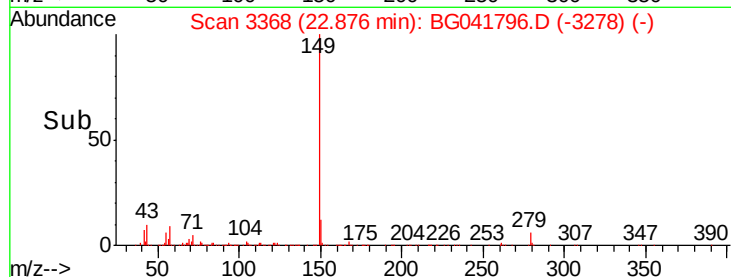
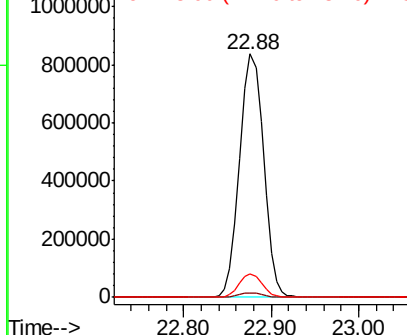


Abundance

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: 42.537 ng

RT: 28.76 min Scan# 4370

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

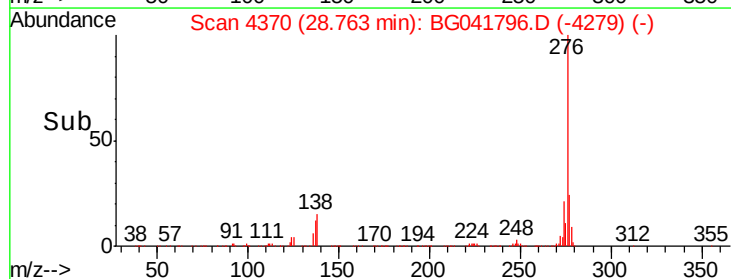
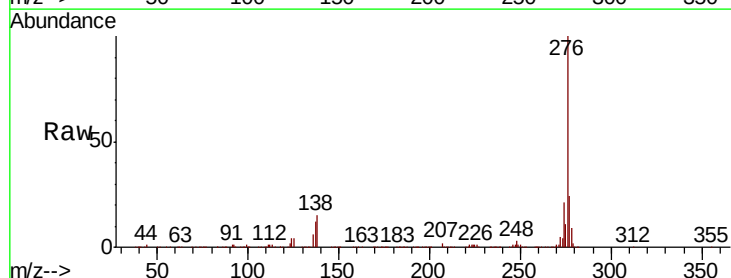
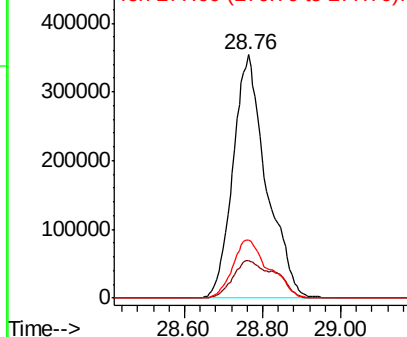
Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	19.4	29.0
277	26.2	21.2	31.8

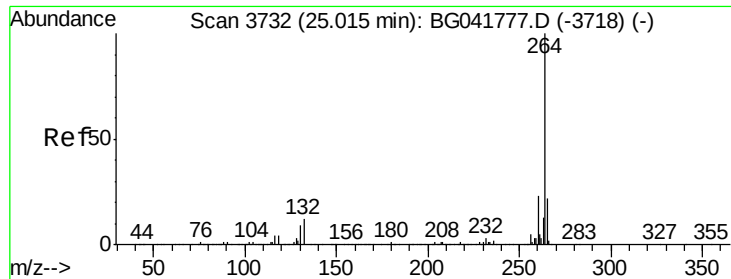
Abundance

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: 25.02 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

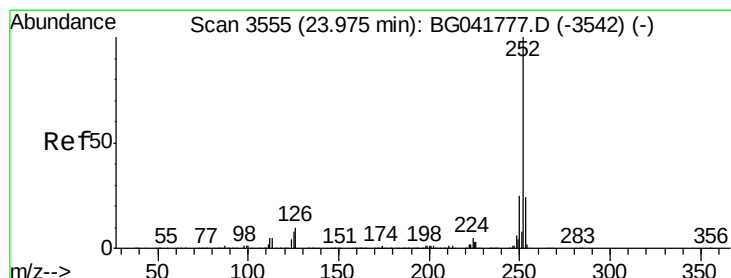
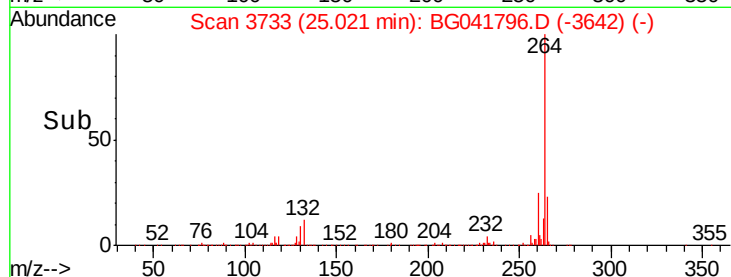
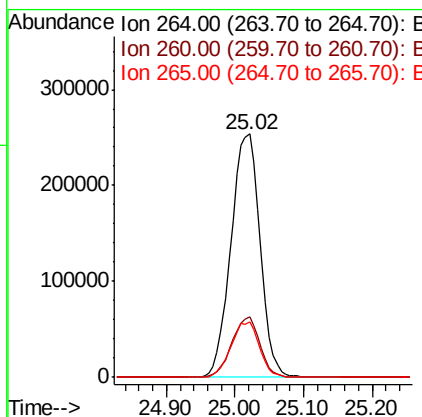
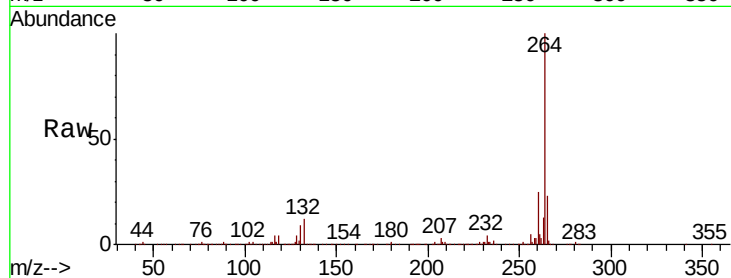
ClientSampleId :

PB121767BS

Tot Ion:	264	Resp:	747757
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.5	29.3
265	22.8	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 43.862 ng

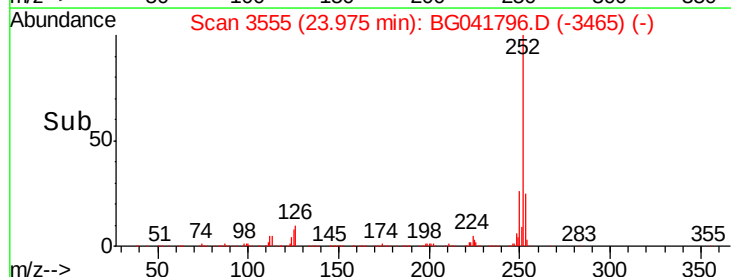
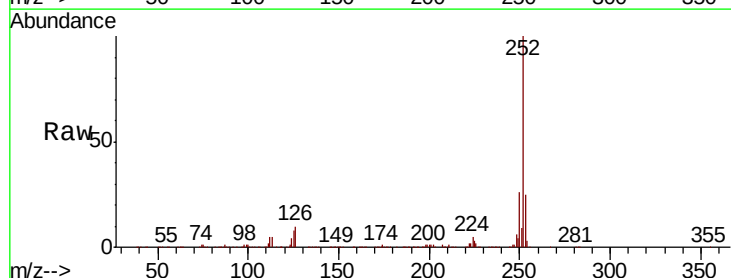
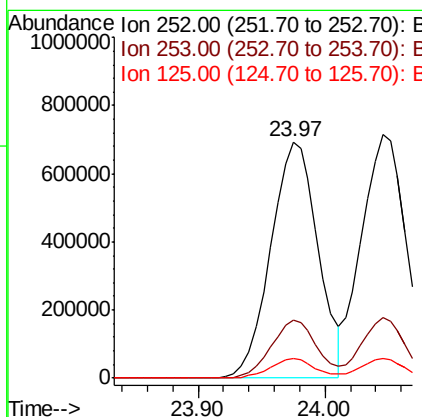
RT: 23.97 min Scan# 3555

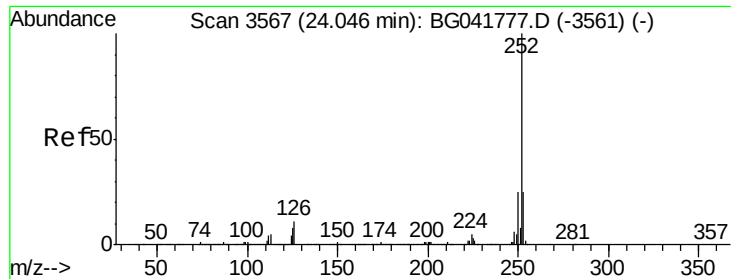
Delta R.T. -0.00 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Tgt Ion:	252	Resp:	1794198
Ion Ratio	Lower	Upper	
252	100		
253	24.5	20.6	30.8
125	8.2	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 43.764 ng

RT: 24.05 min Scan# 3567

Delta R.T. -0.00 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Instrument :

BNA_G

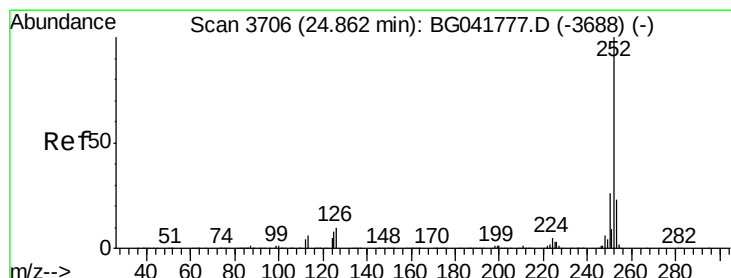
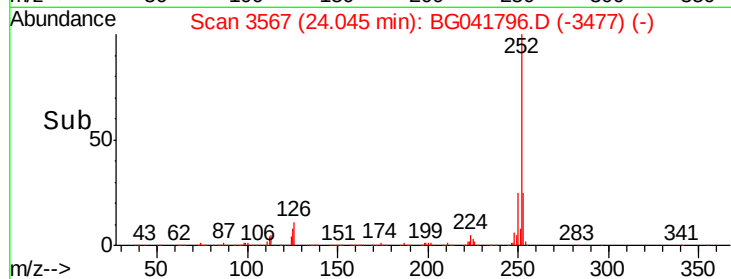
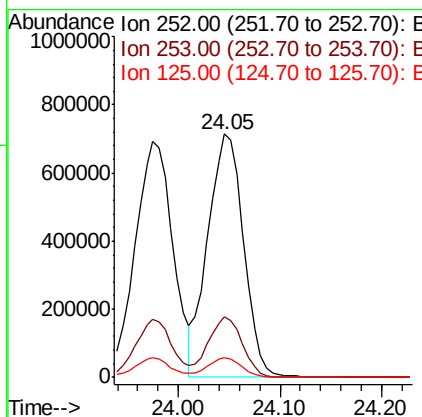
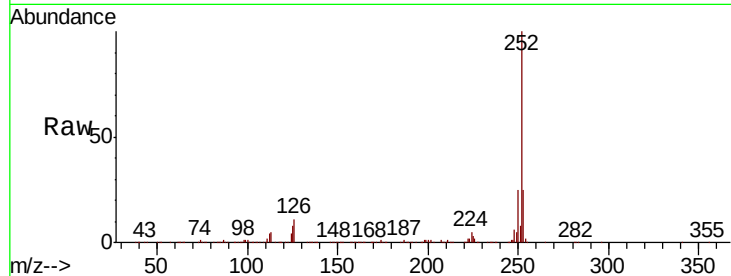
ClientSampleId :

PB121767BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.5	30.7
125	8.3	8.4	12.6

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#90

Benzo(a)pyrene

Concen: 45.158 ng

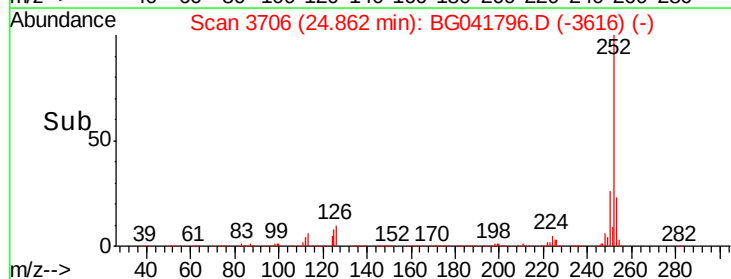
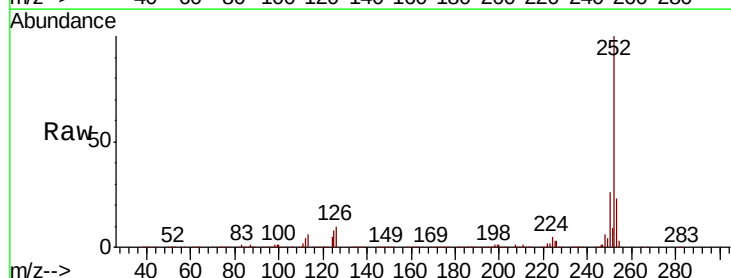
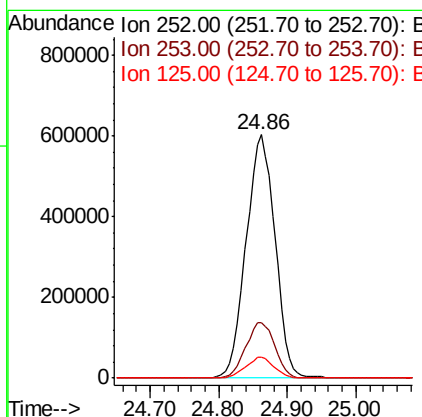
RT: 24.86 min Scan# 3706

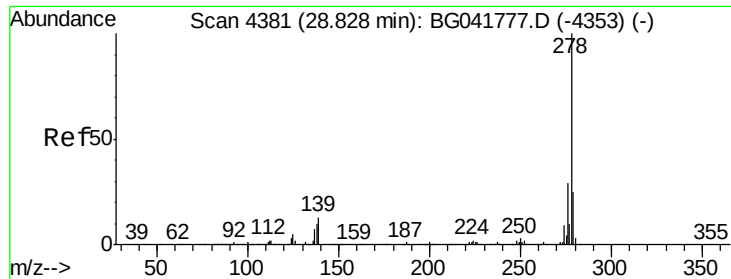
Delta R.T. -0.00 min

Lab File: BG041796.D

Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.8	29.8
125	8.4	8.8	13.2





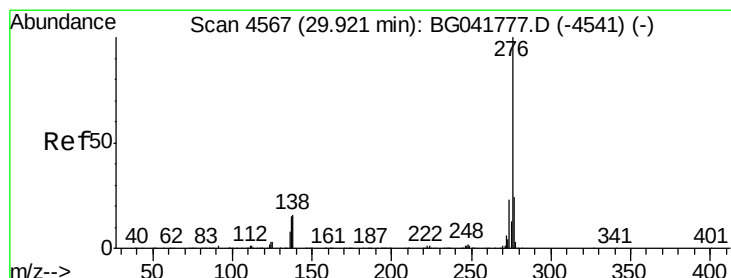
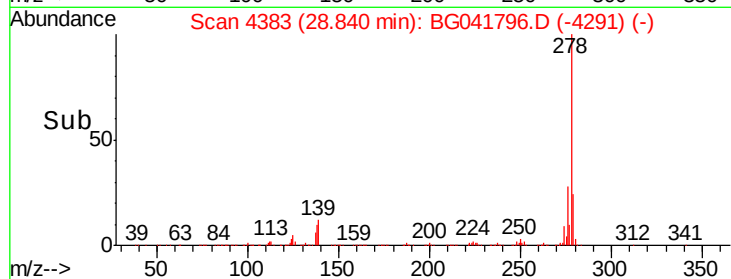
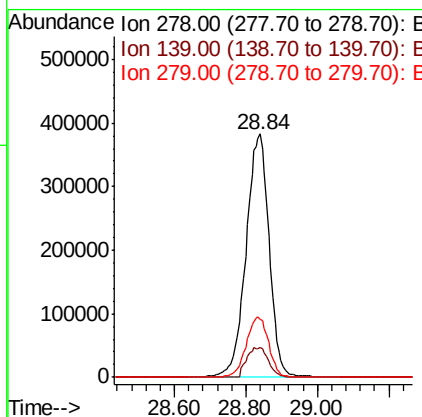
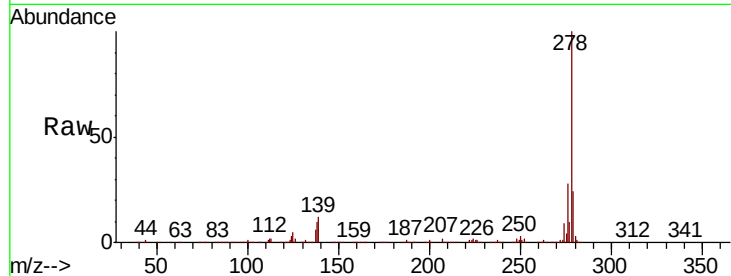
#91
Dibenzo(a,h)anthracene
Concen: 44.680 ng
RT: 28.84 min Scan# 4383
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Instrument :
BNA_G
ClientSampleId :
PB121767BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	12.6	19.0#
279	23.9	20.5	30.7

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#92
Benzo(g,h,i)perylene
Concen: 45.146 ng
RT: 29.93 min Scan# 4569
Delta R.T. 0.01 min
Lab File: BG041796.D
Acq: 30 Jul 2019 10:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	15.9	16.6	25.0#

