

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041797.D
 Acq On : 30 Jul 2019 10:49
 Operator : HP/JU
 Sample : PB121767BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:04:47 PM

Quant Time: Jul 31 01:41:27 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	102527	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	407923	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	296337	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	661755	20.00	ng	0.00
76) Chrysene-d12	21.74	240	654656	20.00	ng	0.00
87) Perylene-d12	25.02	264	750802	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	656727	124.62	ng	0.00
7) Phenol-d6	7.20	99	899296	126.58	ng	0.00
23) Nitrobenzene-d5	9.21	82	524816	88.54	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	460004	136.66	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1400125	83.33	ng	0.00
79) Terphenyl-d14	20.07	244	2273579	79.47	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.46	88	86532	34.888 ng	91
3) Pyridine	3.86	79	184342	27.103 ng	93
4) n-Nitrosodimethylamine	3.78	42	94854	35.180 ng	88
6) Aniline	7.36	93	292845	29.274 ng	94
8) 2-Chlorophenol	7.61	128	252079	41.775 ng	94
9) Benzaldehyde	7.17	77	39330	7.868 ng	87
10) Phenol	7.22	94	305469	41.330 ng	99
11) bis(2-Chloroethyl)ether	7.46	93	221412	36.440 ng	91
12) 1,3-Dichlorobenzene	7.94	146	273654	34.747 ng	97
13) 1,4-Dichlorobenzene	8.08	146	276945	35.144 ng	95
14) 1,2-Dichlorobenzene	8.41	146	264978	35.239 ng	95
15) Benzyl Alcohol	8.28	79	219601	39.291 ng	100
16) 2,2'-oxybis(1-Chloropropan	8.58	45	379691	35.124 ng	97
17) 2-Methylphenol	8.49	107	218379	40.628 ng	97
18) Hexachloroethane	9.14	117	96005	35.576 ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	189178	36.678 ng	91
20) 3+4-Methylphenols	8.81	107	303104	41.207 ng	97
22) Acetophenone	8.87	105	366353	40.152 ng	# 92
24) Nitrobenzene	9.25	77	262992	42.113 ng	98
25) Isophorone	9.78	82	511211	39.645 ng	99
26) 2-Nitrophenol	9.97	139	139313	48.067 ng	96
27) 2,4-Dimethylphenol	10.03	122	252007	49.265 ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	310133	38.487 ng	99
29) 2,4-Dichlorophenol	10.51	162	280403	45.013 ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	307019	38.866 ng	98
31) Naphthalene	10.92	128	747840	40.057 ng	98
32) Benzoic acid	10.16	122	146921	41.622 ng	95
33) 4-Chloroaniline	11.02	127	217283	24.542 ng	96
34) Hexachlorobutadiene	11.21	225	202869	38.052 ng	99
35) Caprolactam	11.79	113	96702m	44.669 ng	
36) 4-Chloro-3-methylphenol	12.14	107	278418	45.082 ng	98
37) 2-Methylnaphthalene	12.53	142	610164	41.290 ng	100
38) 1-Methylnaphthalene	12.75	142	581275	41.507 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	378259	40.325 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	462600	87.715	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	256712	43.300	nq	97
44) 2,4,5-Trichlorophenol	13.20	196	278202	45.155	nq	95
46) 1,1'-Biphenyl	13.54	154	783277	41.118	nq	97
47) 2-Chloronaphthalene	13.58	162	631933	38.964	nq	97
48) 2-Nitroaniline	13.77	65	180114	43.787	nq	87
49) Acenaphthylene	14.42	152	1002441	41.320	nq	98
50) Dimethylphthalate	14.15	163	848759	41.938	nq	99
51) 2,6-Dinitrotoluene	14.26	165	197518	46.673	nq	90
52) Acenaphthene	14.77	154	708023	44.872	nq	99
53) 3-Nitroaniline	14.59	138	146292	32.313	nq #	92
54) 2,4-Dinitrophenol	14.80	184	234185	87.940	nq	90
55) Dibenzofuran	15.10	168	999529	41.415	nq	95
56) 4-Nitrophenol	14.90	139	333938	97.171	nq	93
57) 2,4-Dinitrotoluene	15.06	165	281651	48.395	nq	91
58) Fluorene	15.75	166	808512	41.744	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	286072	46.881	nq	94
60) Diethylphthalate	15.52	149	832025	41.874	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	482998	40.849	nq	97
62) 4-Nitroaniline	15.76	138	205585	41.924	nq	97
63) Azobenzene	16.04	77	665586	41.007	nq	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	155329	47.964	nq	88
66) n-Nitrosodiphenylamine	15.96	169	769929	42.713	nq	97
67) 4-Bromophenyl-phenylether	16.64	248	330110	40.497	nq	97
68) Hexachlorobenzene	16.76	284	338853	39.734	nq	97
69) Atrazine	16.91	200	311643	44.002	nq	99
70) Pentachlorophenol	17.10	266	454019	93.717	nq	97
71) Phenanthrene	17.50	178	1342523	42.324	nq	96
72) Anthracene	17.59	178	1381687	43.675	nq	95
73) Carbazole	17.85	167	1239149	43.641	nq	96
74) Di-n-butylphthalate	18.42	149	1419890	44.110	nq	96
75) Fluoranthene	19.50	202	1677358	43.504	nq	94
77) Benzidine	19.68	184	716382	33.526	nq	98
78) Pyrene	19.87	202	1674262	43.165	nq	95
80) Butylbenzylphthalate	20.76	149	667790	44.905	nq	92
81) Benzo(a)anthracene	21.72	228	1607369	41.499	nq	96
82) 3,3'-Dichlorobenzidine	21.63	252	534567	34.375	nq	97
83) Chrysene	21.78	228	1582359	42.619	nq	95
84) Bis(2-ethylhexyl)phthalate	21.64	149	910559	44.388	nq	100
85) Di-n-octyl phthalate	22.88	149	1564694	45.323	nq #	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	2100032	42.728	nq #	91
88) Benzo(b)fluoranthene	23.98	252	1833738m	44.647	nq	
89) Benzo(k)fluoranthene	24.05	252	1733474	43.328	nq #	97
90) Benzo(a)pyrene	24.86	252	1777434	45.123	nq #	96
91) Dibenzo(a,h)anthracene	28.83	278	1724321	44.581	nq #	96
92) Benzo(g,h,i)perylene	29.92	276	1755754	45.435	nq	97

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



#1

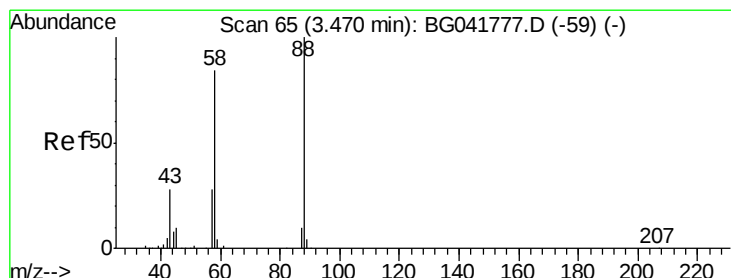
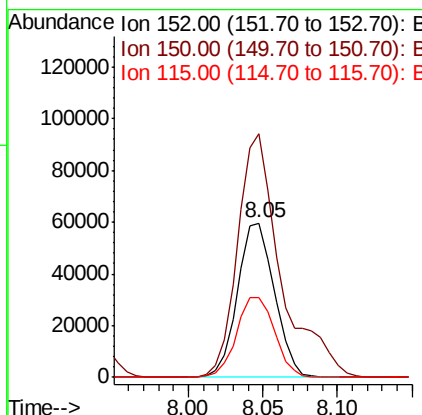
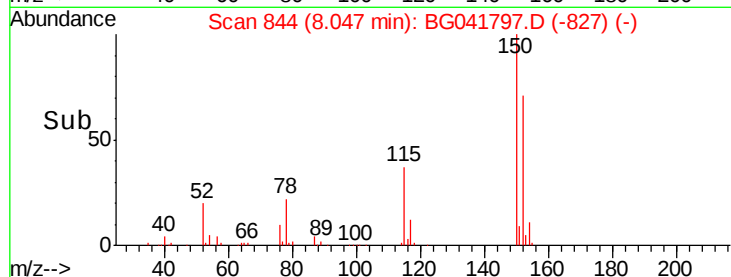
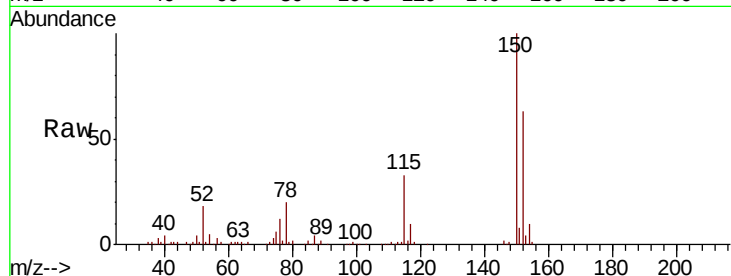
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.9	190.3
115	51.5	45.0	67.6

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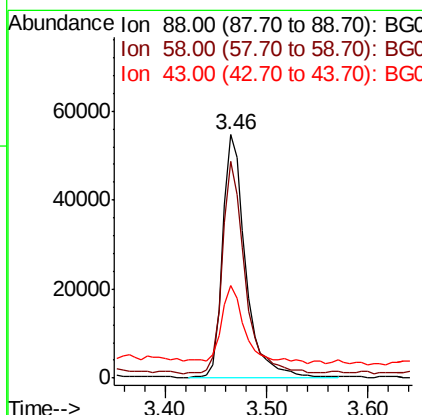
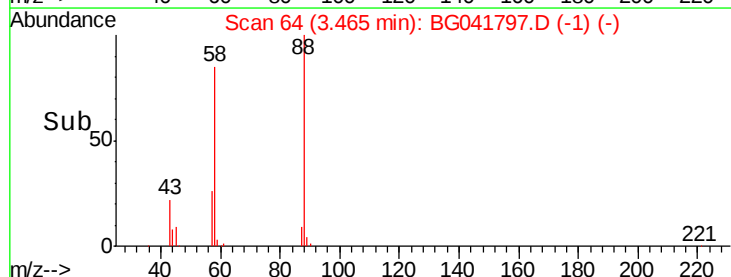
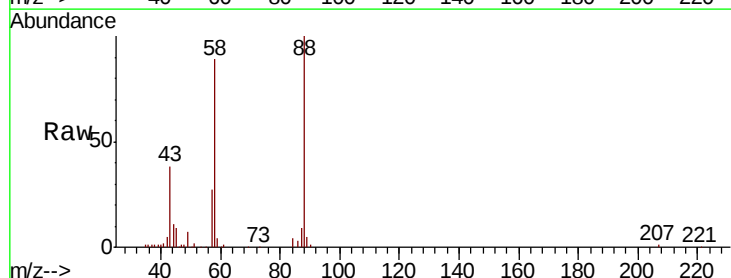
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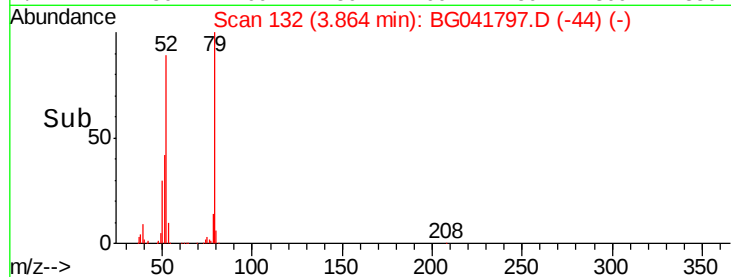
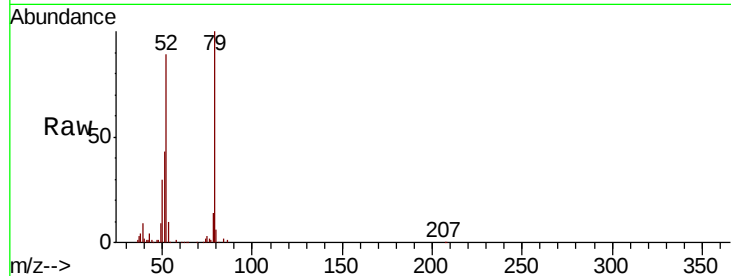


#2

1,4-Dioxane
Concen: 34.888 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	76.2	114.2
43	31.7	27.2	40.8





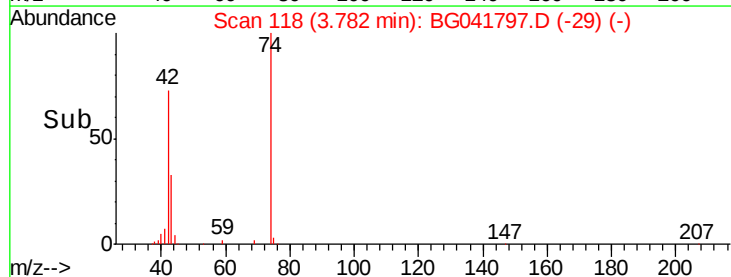
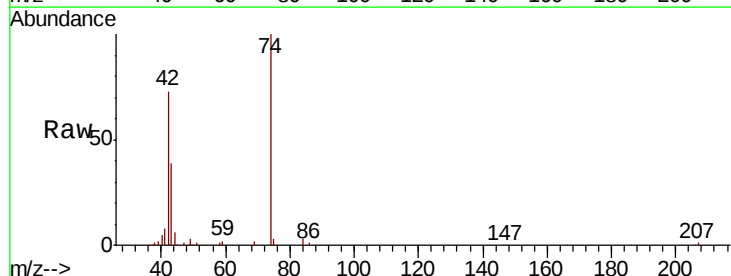
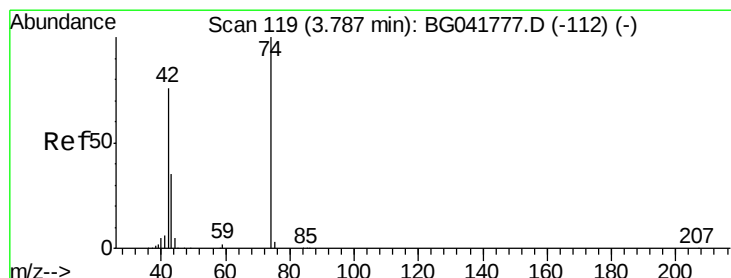
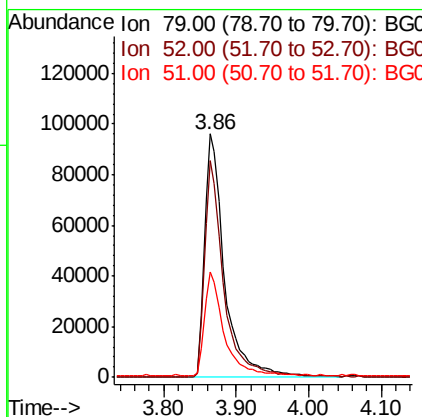
#3
 Pvridine
 Concen: 27.103 ng
 RT: 3.86 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.9	77.1	115.7
51	43.3	37.8	56.8

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

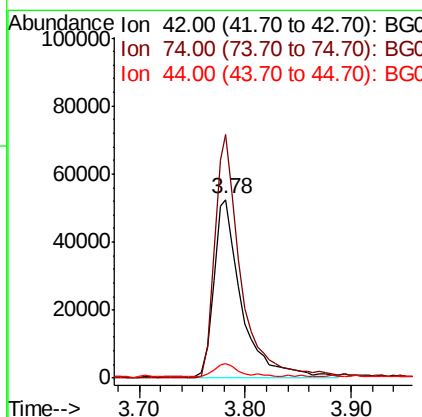
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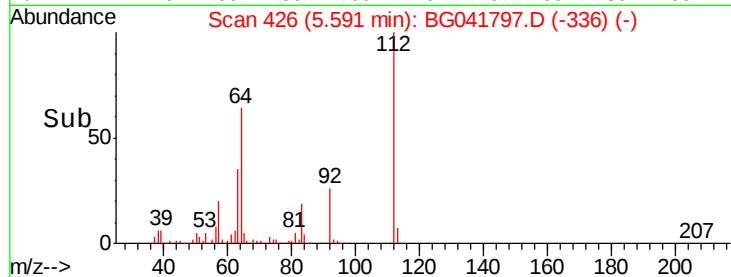
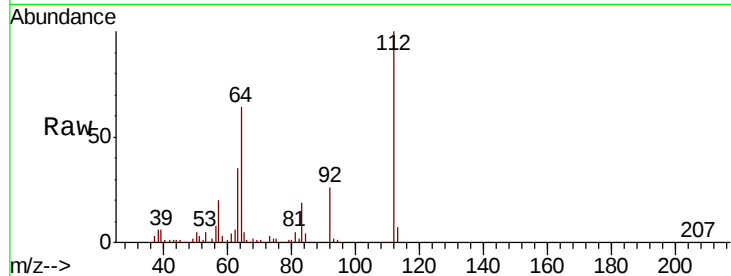
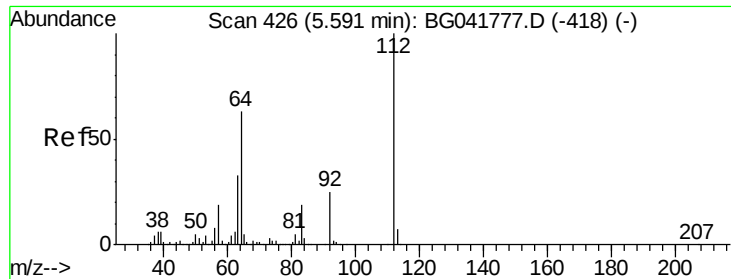
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#4
 n-Nitrosodimethylamine
 Concen: 35.180 ng
 RT: 3.78 min Scan# 118
 Delta R.T. -0.01 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.4	97.4	146.2
44	7.8	6.6	9.8





#5

2-Fluorophenol

Concen: 124.625 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

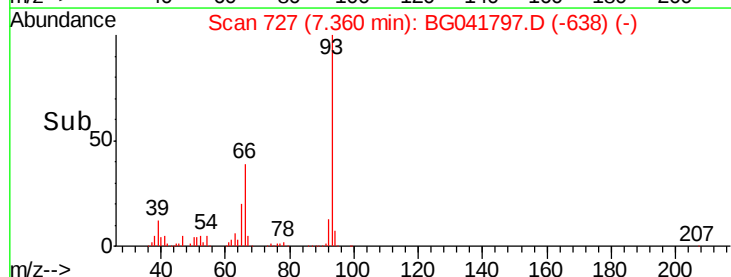
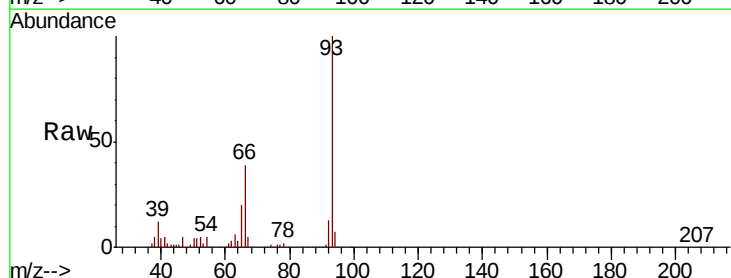
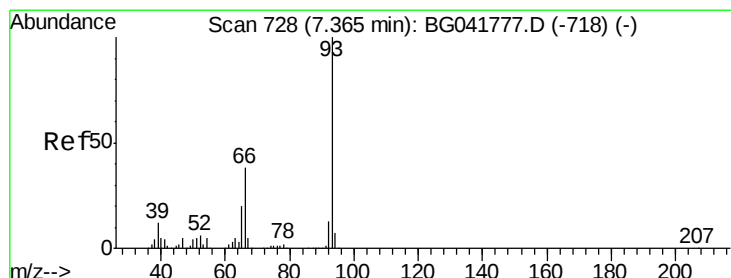
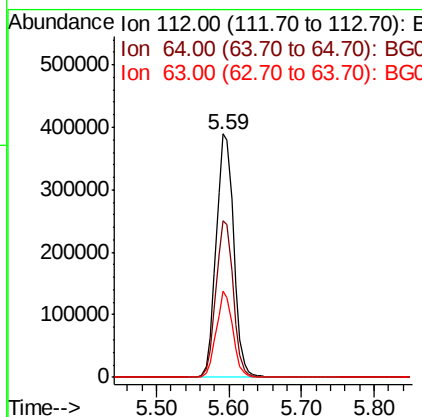
ClientSampleId :

PB121767BSD

Tot Ion:	112	Resp:	656727
Ion Ratio	Lower	Upper	
112	100		
64	64.2	55.4	83.2
63	35.3	29.1	43.7

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#6

Aniline

Concen: 29.274 ng

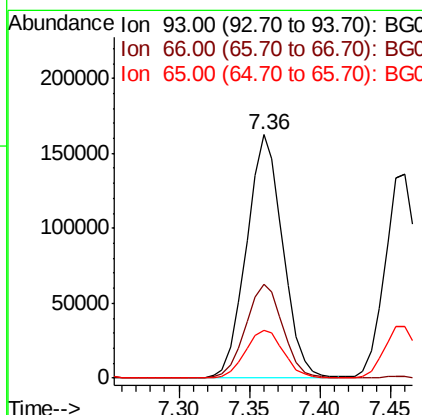
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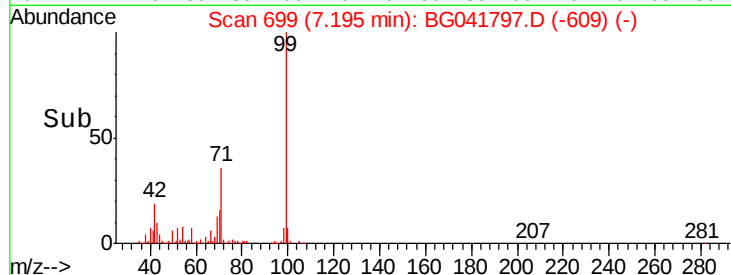
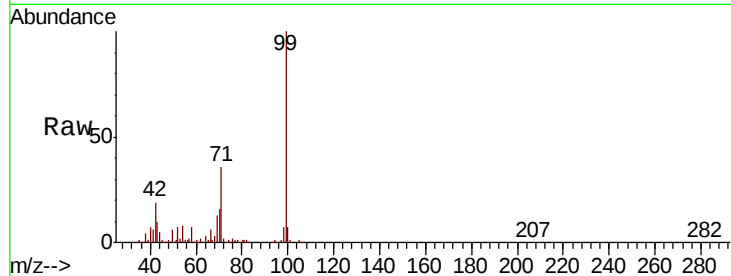
Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tgt Ion:	93	Resp:	292845
Ion Ratio	Lower	Upper	
93	100		
66	38.7	34.2	51.2
65	19.6	18.2	27.2





#7

Phenol-d6

Concen: 126.585 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tot Ion:	99	Resp:	899296
Ion Ratio	Lower	Upper	
99	100		
42	18.7	17.6	26.4
71	35.8	27.8	41.6

Instrument :

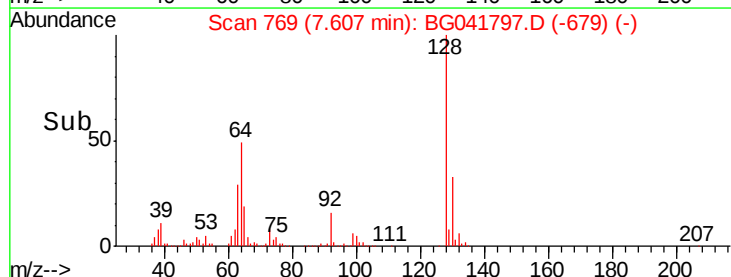
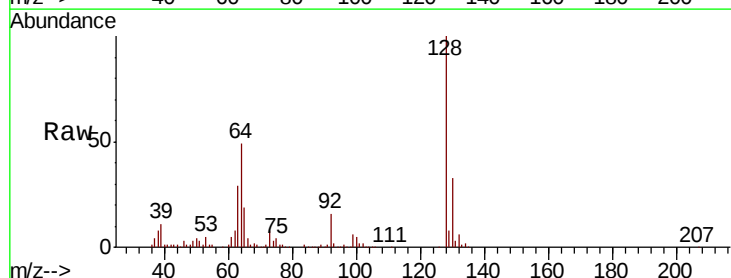
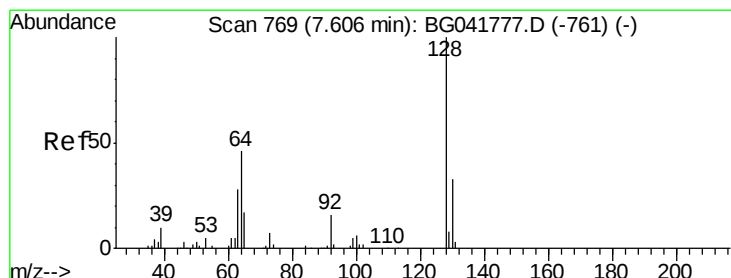
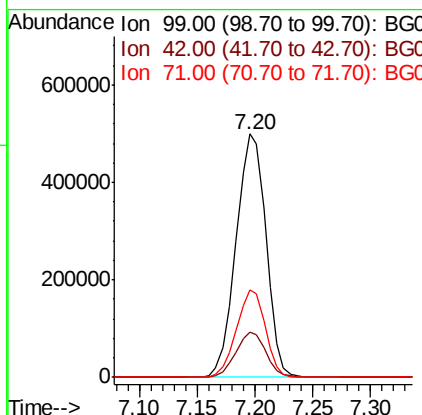
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#8

2-Chlorophenol

Concen: 41.775 ng

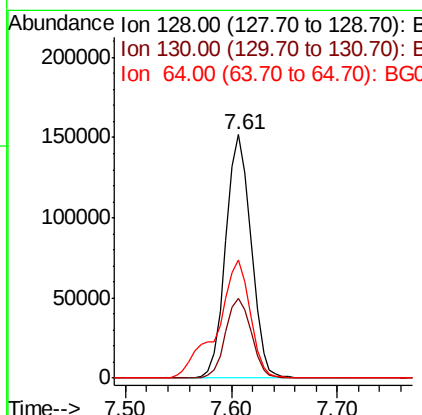
RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tgt Ion:	128	Resp:	252079
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.4	52.4
64	48.8	34.9	74.9





#9

Benzaldehyde

Concen: 7.868 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

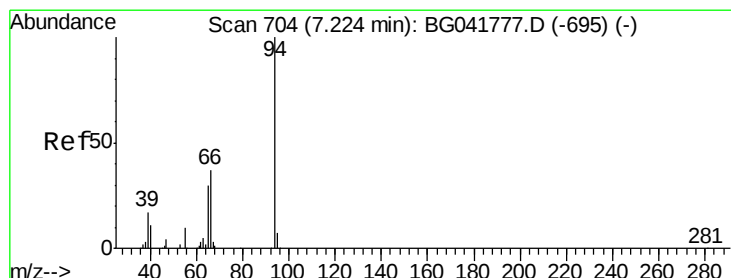
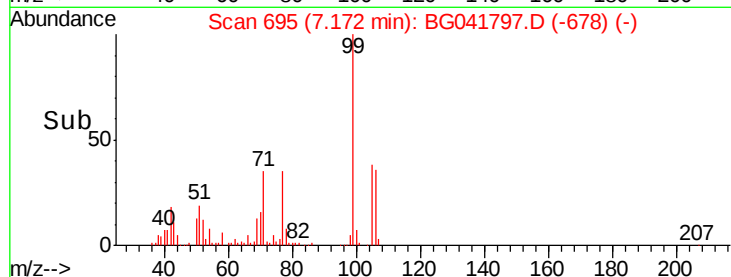
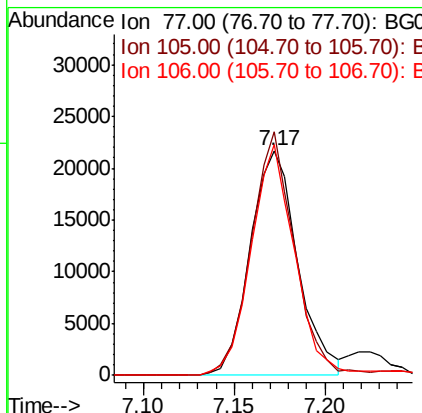
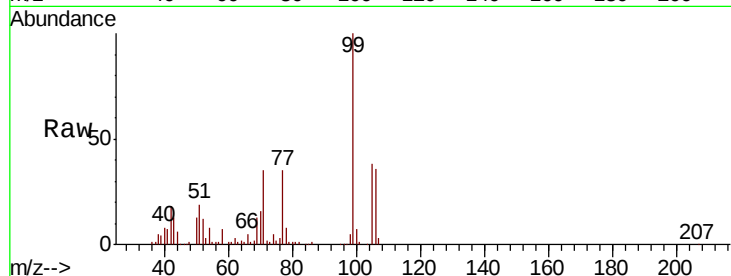
ClientSampleId :

PB121767BSD

Tot Ion:	77	Resp:	39330
Ion	Ratio	Lower	Upper
77	100		
105	108.4	74.6	114.6
106	102.8	71.1	111.1

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#10

Phenol

Concen: 41.330 ng

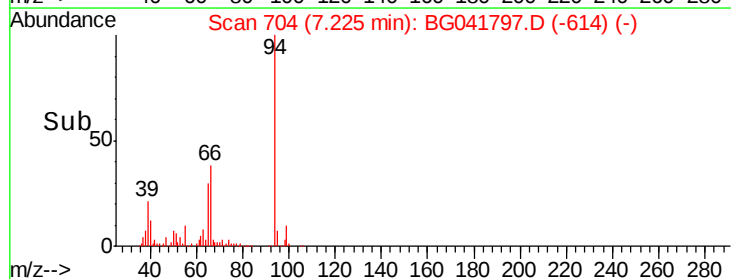
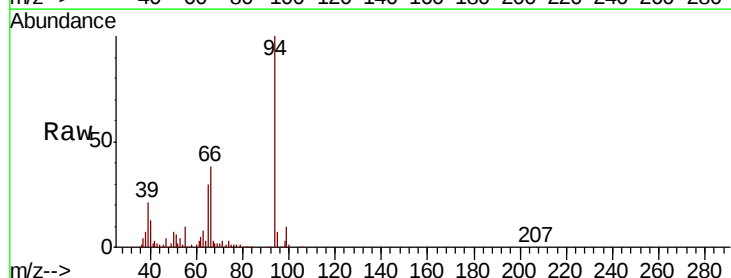
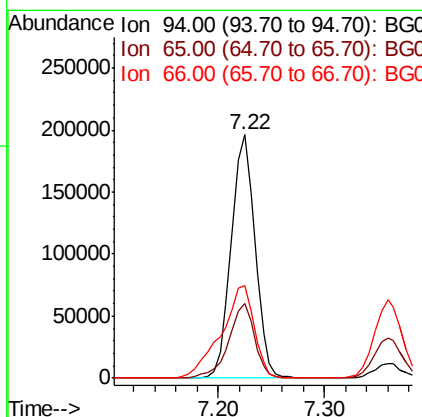
RT: 7.22 min Scan# 704

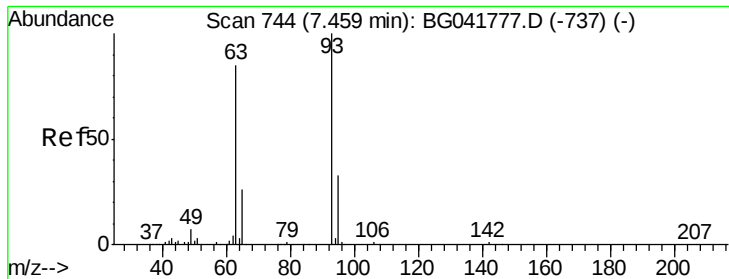
Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tgt Ion:	94	Resp:	305469
Ion	Ratio	Lower	Upper
94	100		
65	30.4	10.6	50.6
66	37.8	18.2	58.2





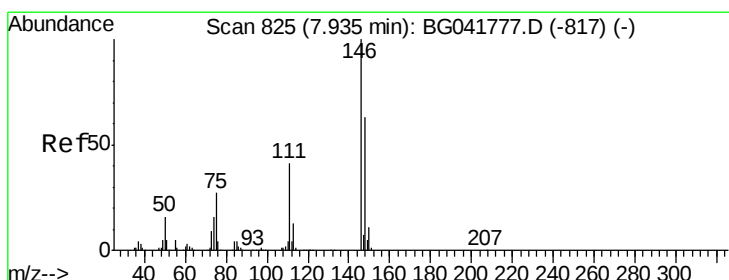
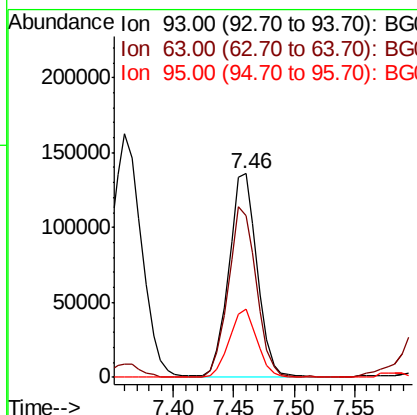
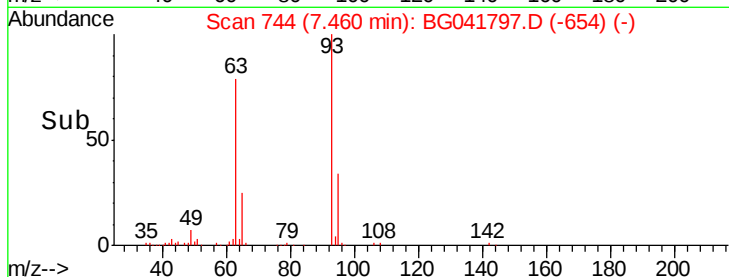
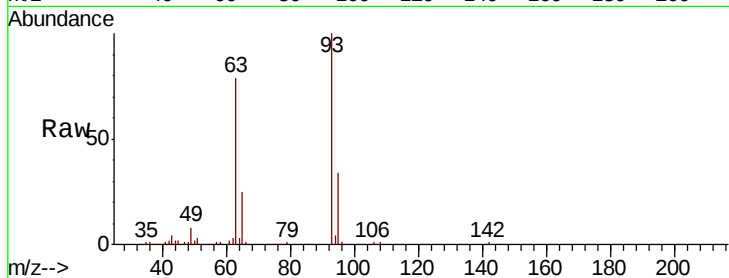
#11
bis(2-Chloroethyl)ether
Concen: 36.440 ng
RT: 7.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion:	93	Resp:	221412
Ion	Ratio	Lower	Upper
93	100		
63	79.5	70.4	110.4
95	33.6	12.8	52.8

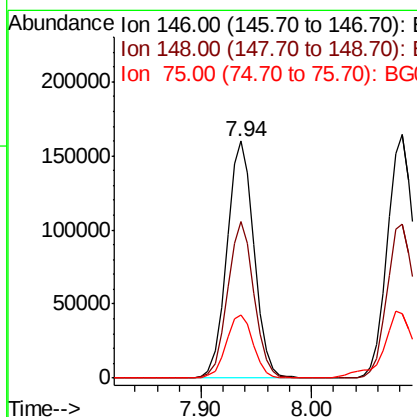
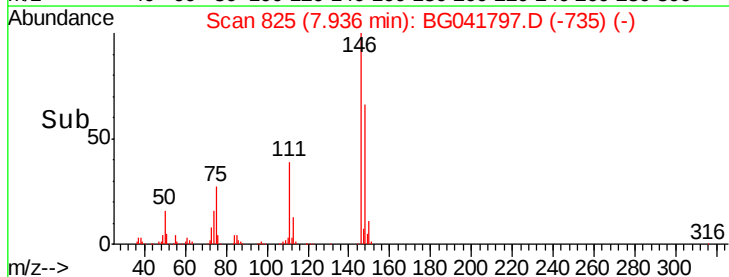
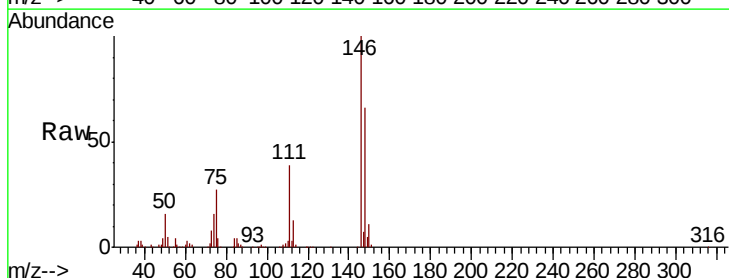
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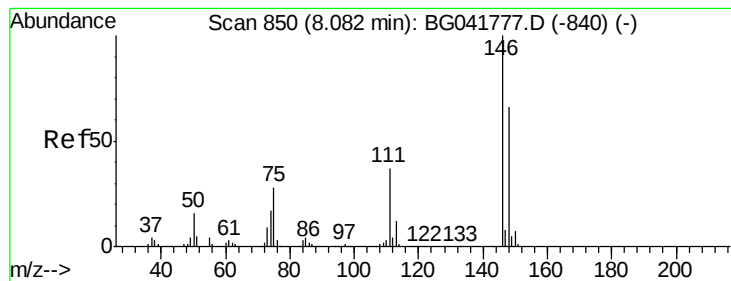
mohammad
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#12
1,3-Dichlorobenzene
Concen: 34.747 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion:	146	Resp:	273654
Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.5	77.3
75	26.5	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 35.144 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

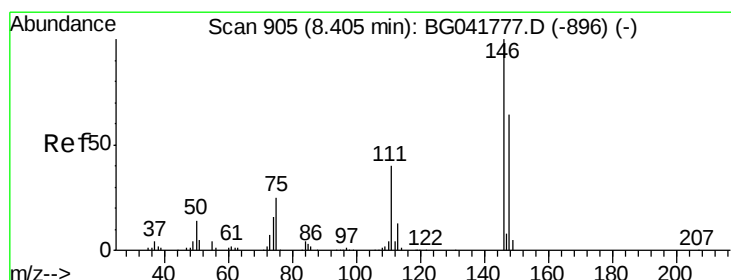
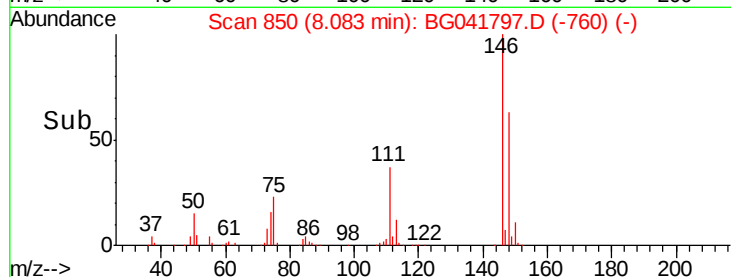
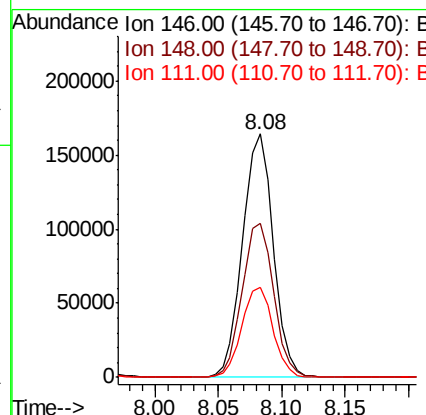
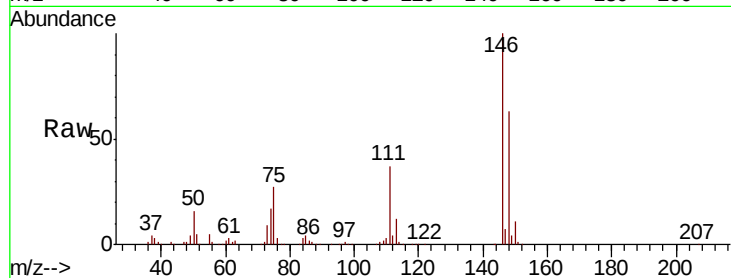
ClientSampleId :

PB121767BSD

Tot Ion:	146	Resp:	276945
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.6	79.0
111	36.7	32.5	48.7

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#14

1,2-Dichlorobenzene

Concen: 35.239 ng

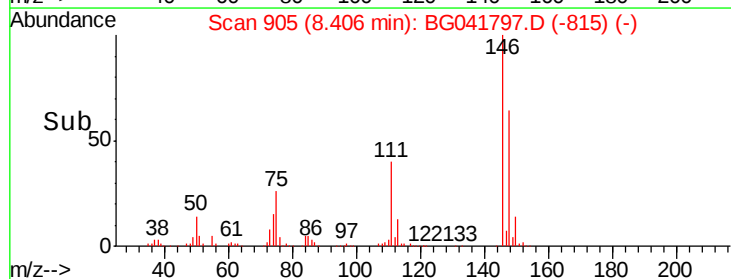
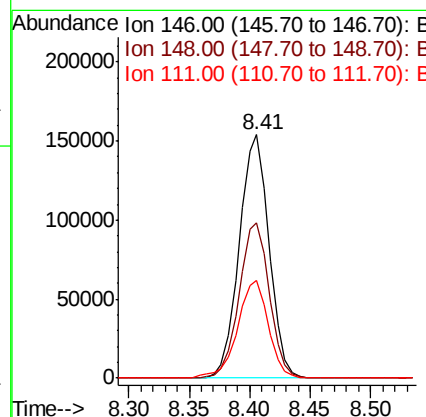
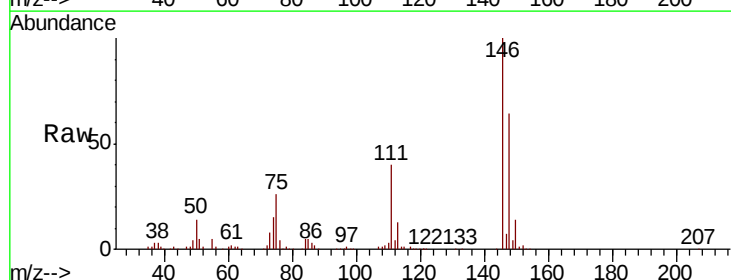
RT: 8.41 min Scan# 905

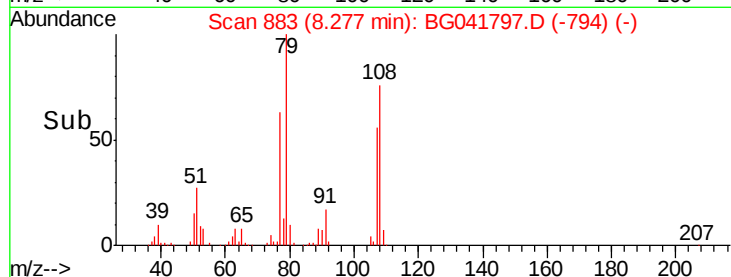
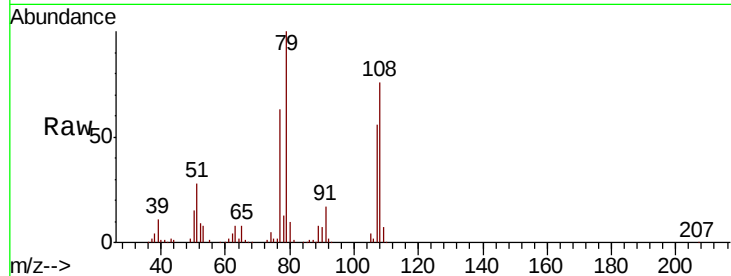
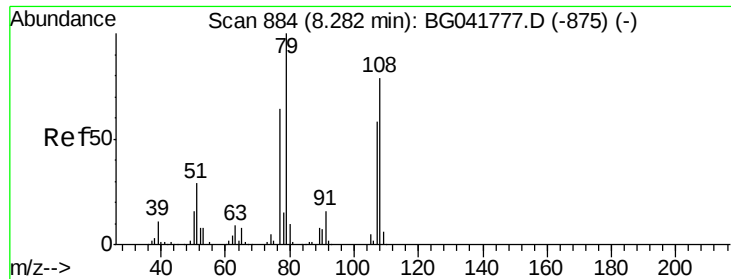
Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tgt Ion:	146	Resp:	264978
Ion Ratio	Lower	Upper	
146	100		
148	63.9	53.5	80.3
111	40.0	35.4	53.0





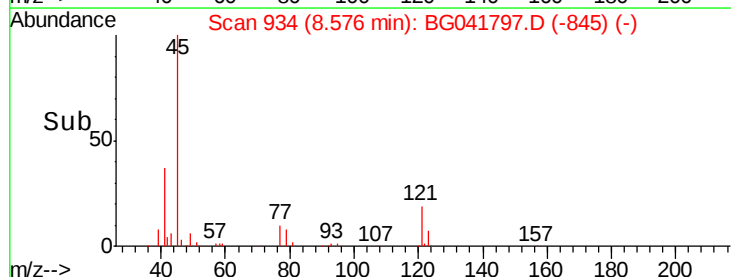
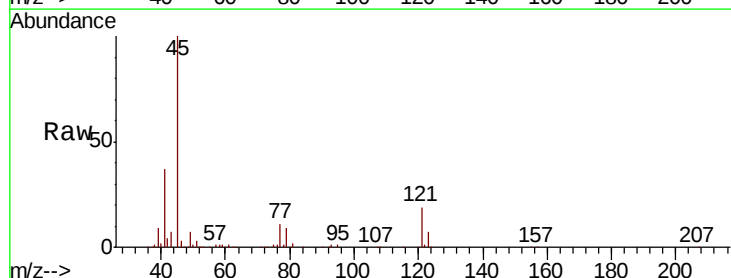
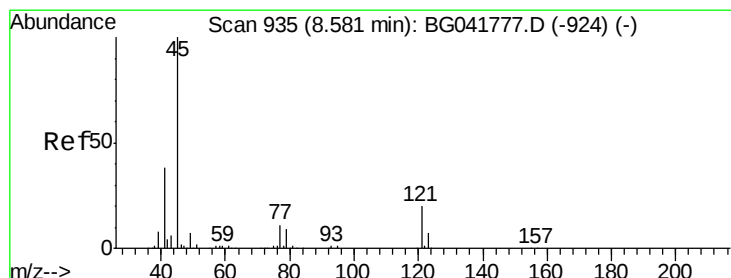
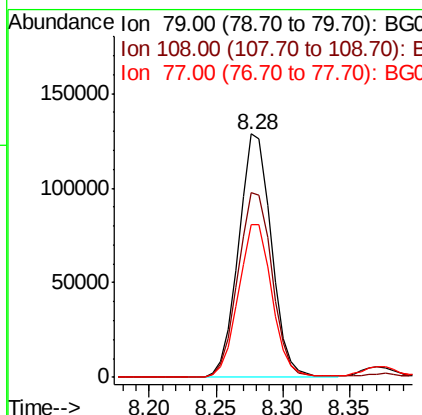
#15
Benzyl Alcohol
Concen: 39.291 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tot Ion	Ratio	Resp	Lower	Upper
79	100	219601		
108	75.9	60.5	90.7	
77	62.7	50.6	75.8	

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

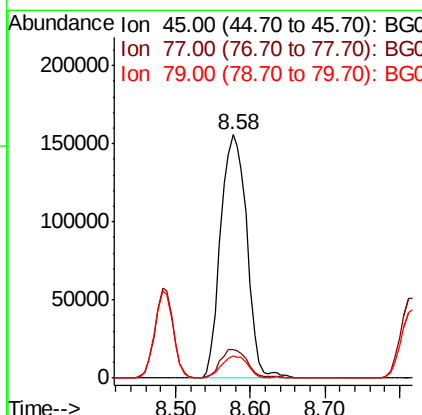
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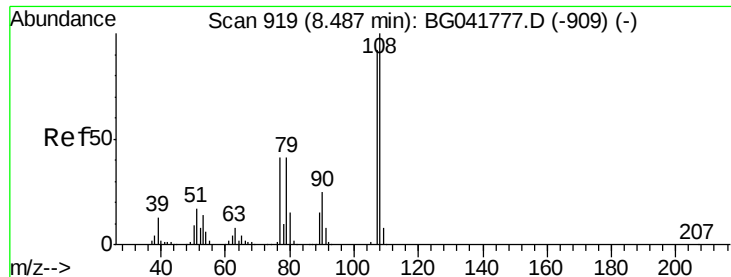
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.124 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	379691		
77	11.5	0.0	30.4	
79	9.0	0.0	27.9	





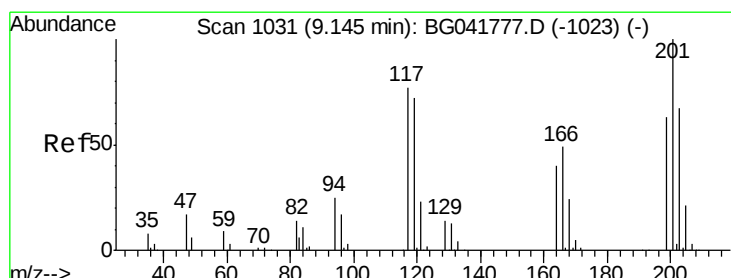
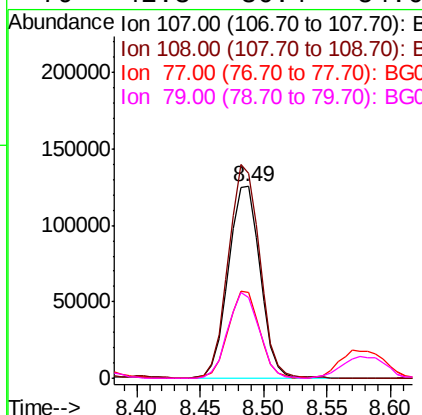
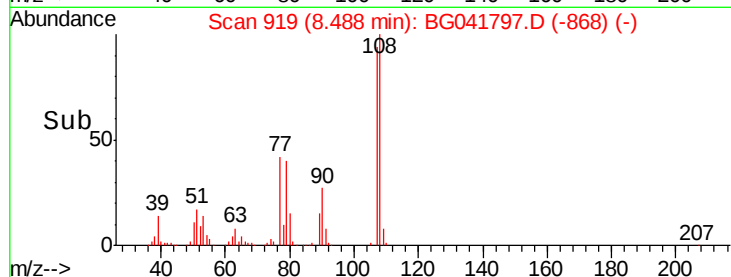
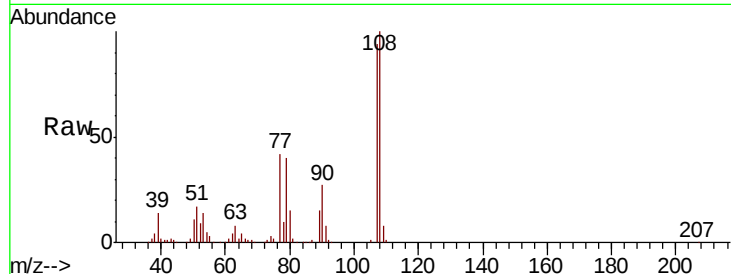
#17
2-Methylphenol
Concen: 40.628 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.9	87.6	131.4	
77	44.8	36.1	54.1	
79	42.3	36.4	54.6	

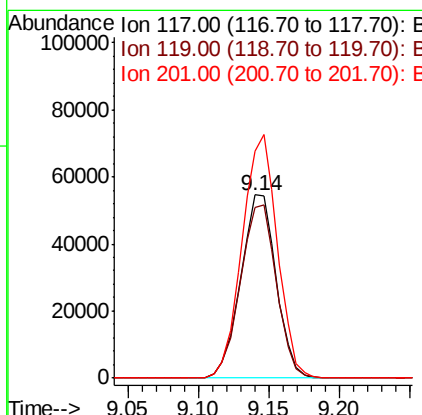
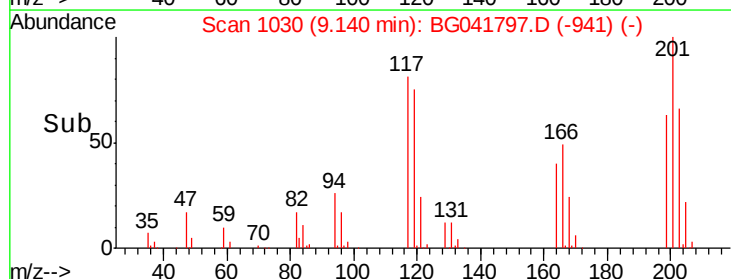
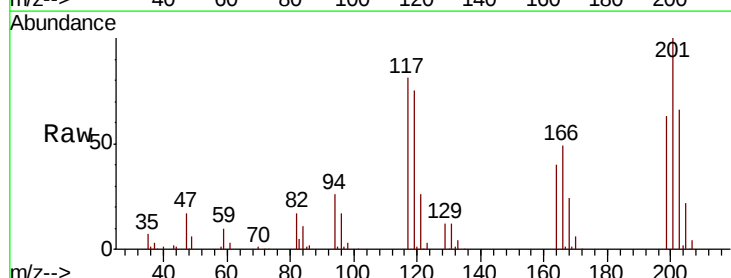
Manual Integrations
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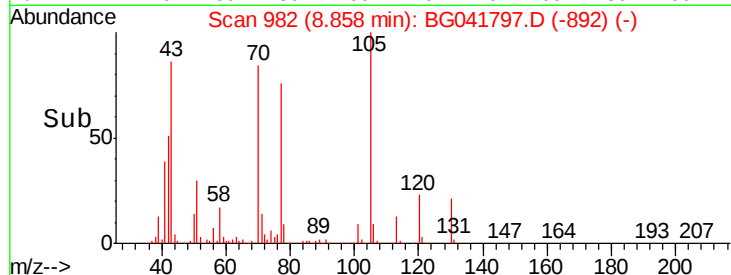
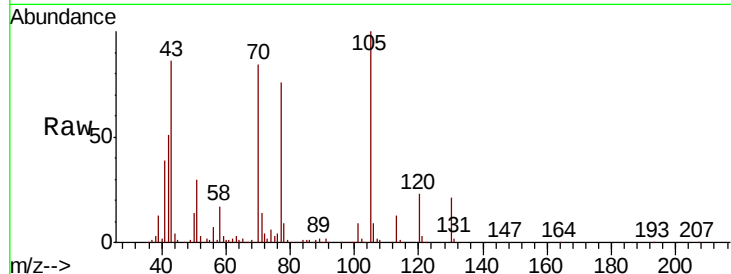
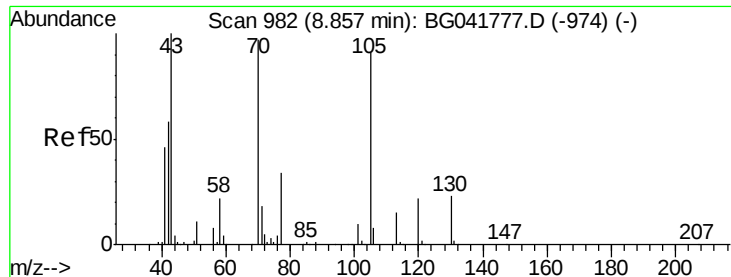
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#18
Hexachloroethane
Concen: 35.576 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.1	76.2	114.2	
201	123.7	94.1	141.1	





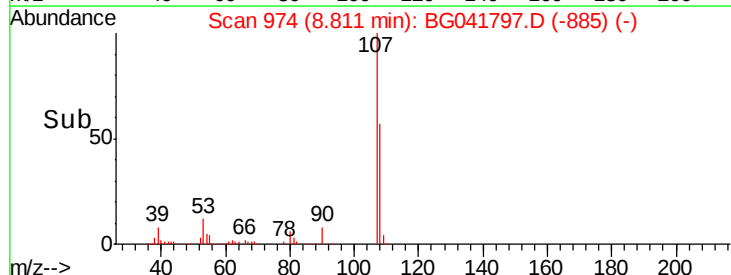
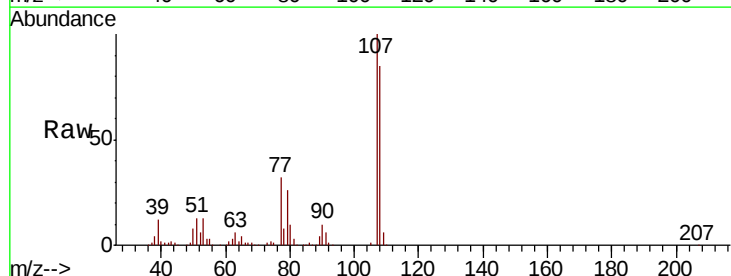
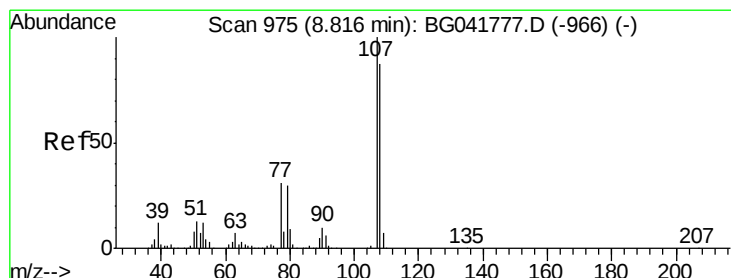
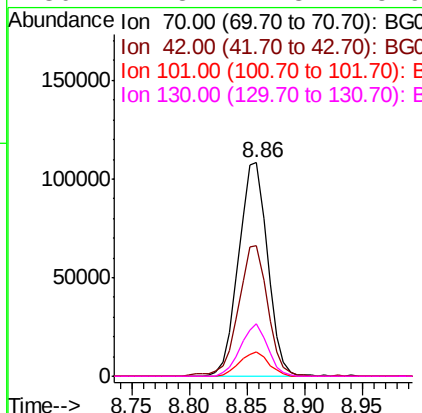
#19
n-Nitroso-di-n-propylamine
Concen: 36.678 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.1	55.8	83.6		
101	11.3	8.1	12.1		
130	24.8	17.3	25.9		

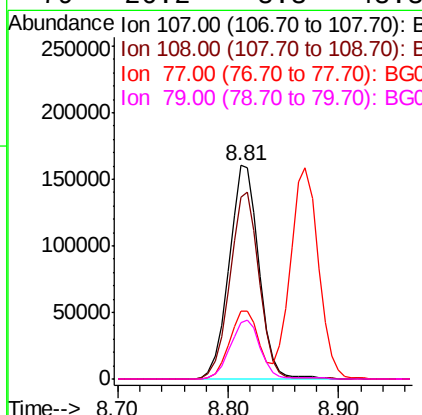
Manual Integrations
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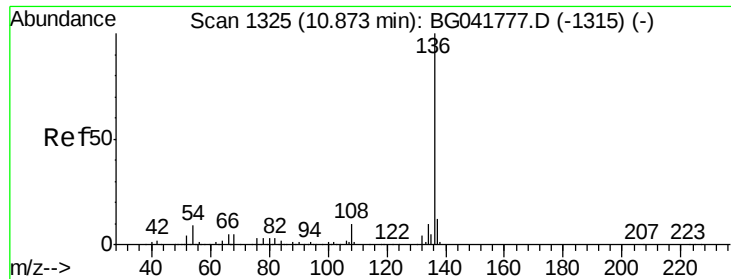
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#20
3+4-Methylphenols
Concen: 41.207 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.9	67.5	107.5		
77	32.1	12.3	52.3		
79	26.2	8.3	48.3		





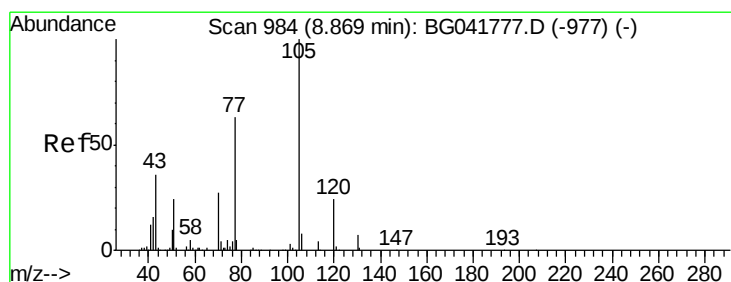
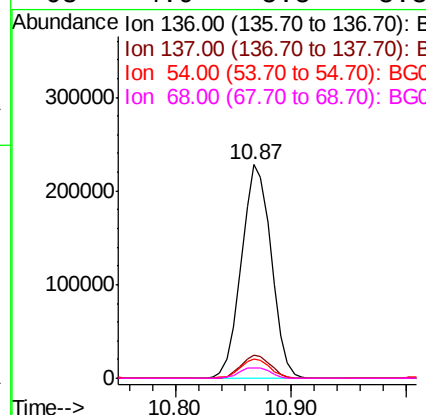
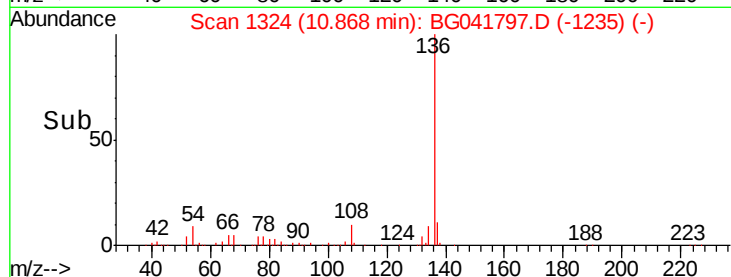
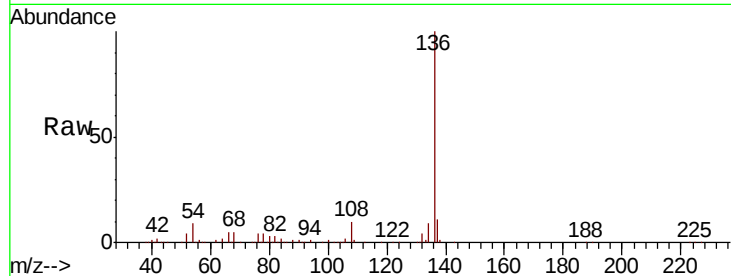
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	407923		
137	10.7	9.2	13.8	
54	8.8	8.7	13.1	
68	4.9	5.5	8.3#	

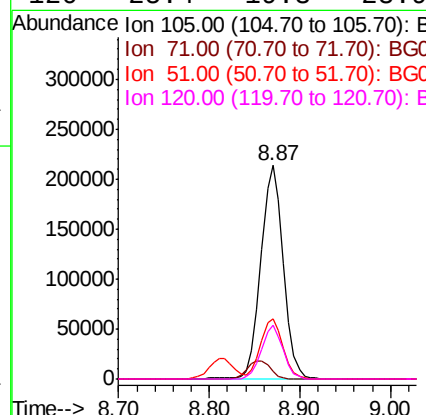
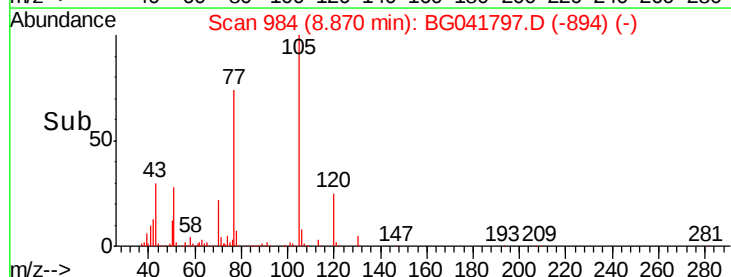
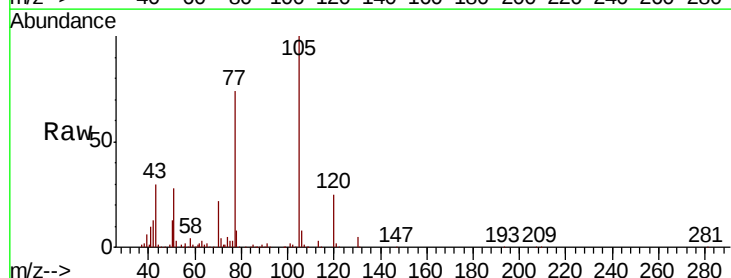
Manual Integrations
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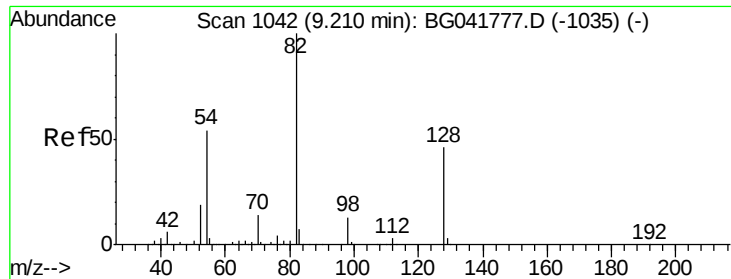
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#22
Acetophenone
Concen: 40.152 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	366353		
71	3.7	5.9	8.9#	
51	28.3	27.7	41.5	
120	25.4	19.3	28.9	





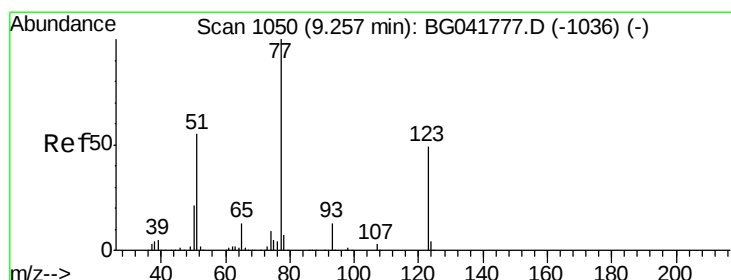
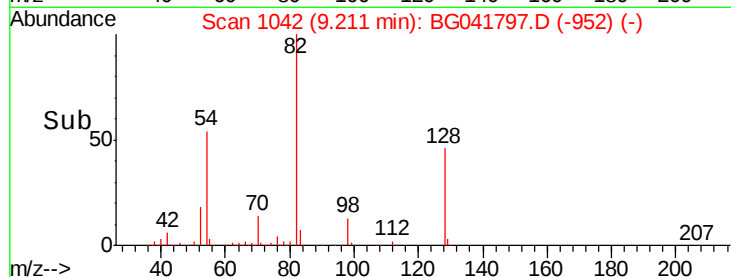
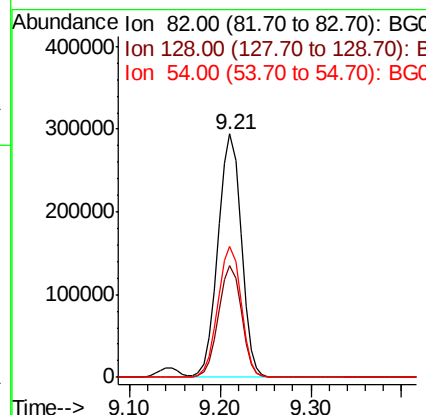
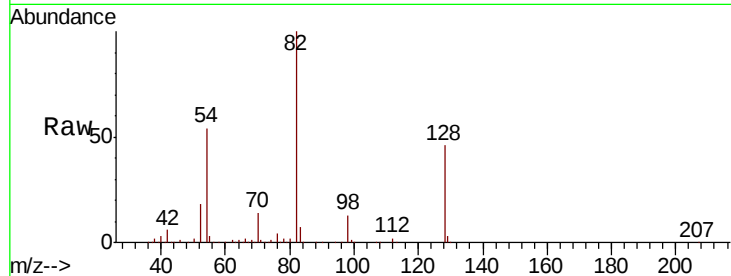
#23
Nitrobenzene-d5
Concen: 88.536 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.1	52.7
54	53.7	48.7	73.1

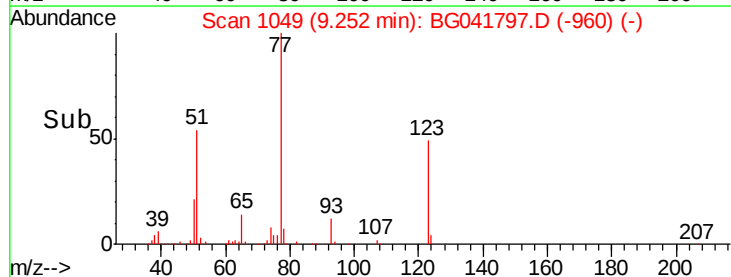
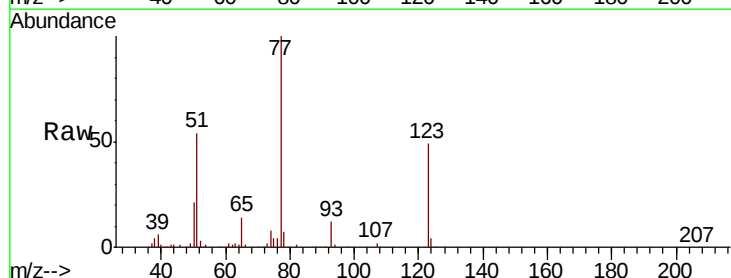
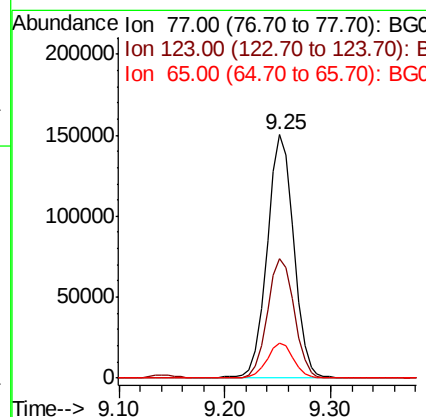
Manual Integrations
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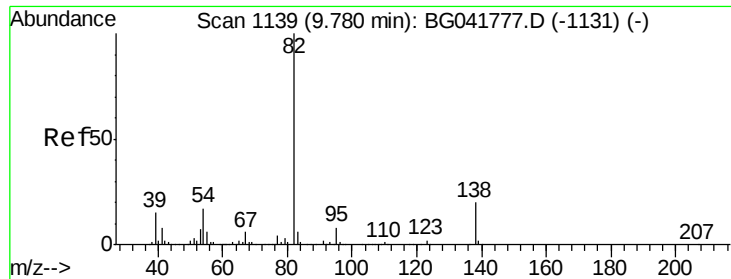
mohammad
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#24
Nitrobenzene
Concen: 42.113 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	38.1	57.1
65	14.4	11.0	16.6





#25

Isophorone

Concen: 39.645 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

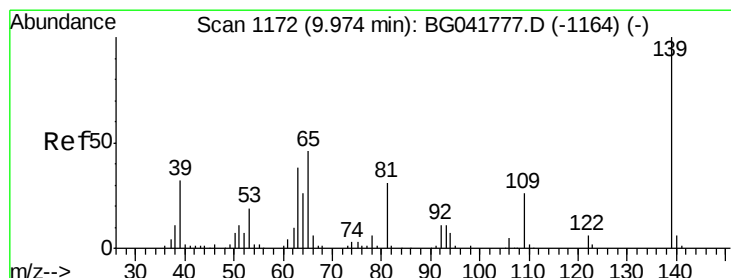
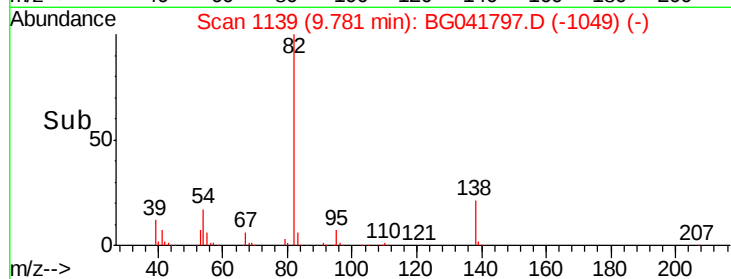
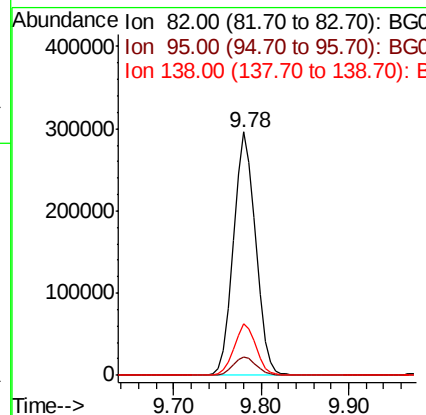
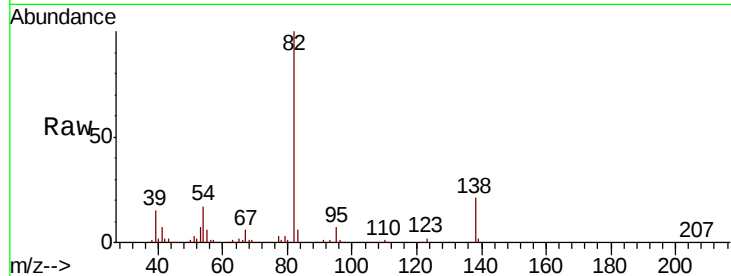
ClientSampleId :

PB121767BSD

Tot Ion:	82	Resp:	511211
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.9	8.9
138	21.1	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.067 ng

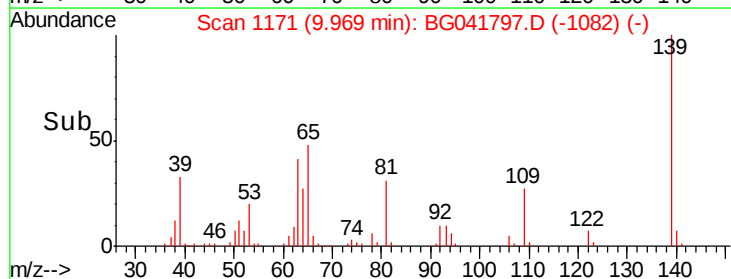
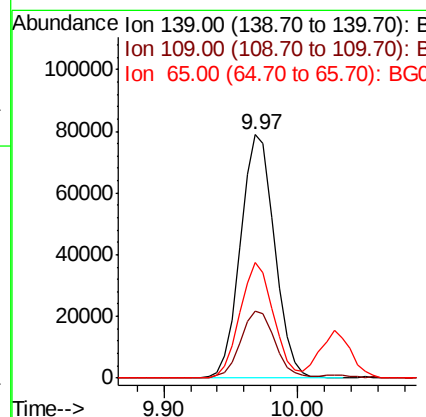
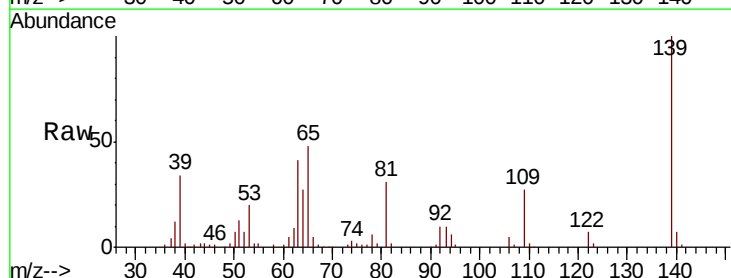
RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tgt Ion:	139	Resp:	139313
Ion Ratio		Lower	Upper
139	100		
109	27.4	22.7	34.1
65	47.7	41.1	61.7





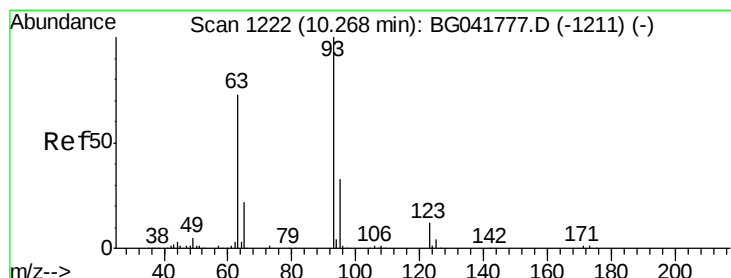
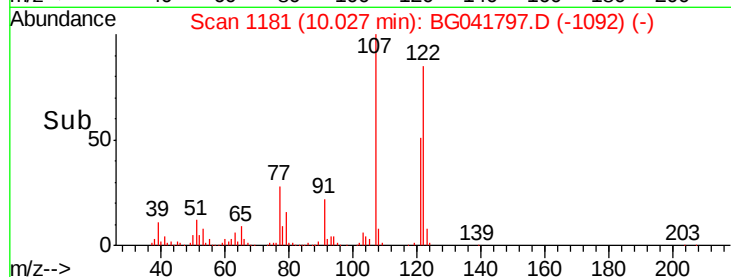
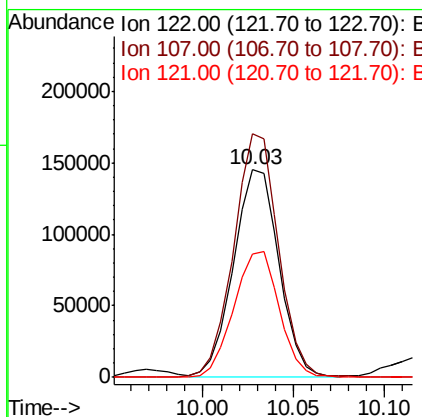
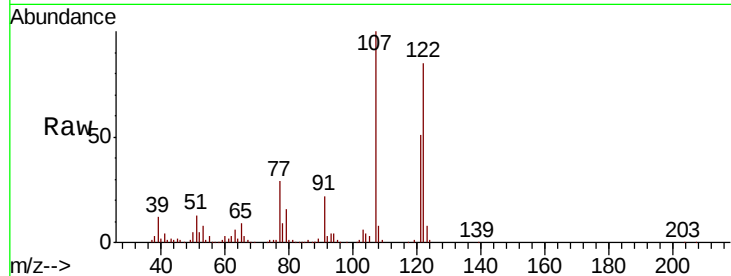
#27
2,4-Dimethylphenol
Concen: 49.265 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.4	91.3	136.9
121	59.6	49.2	73.8

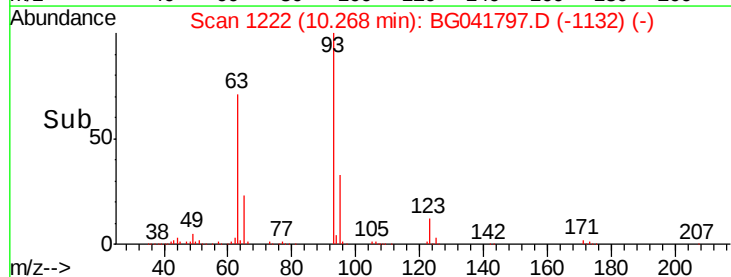
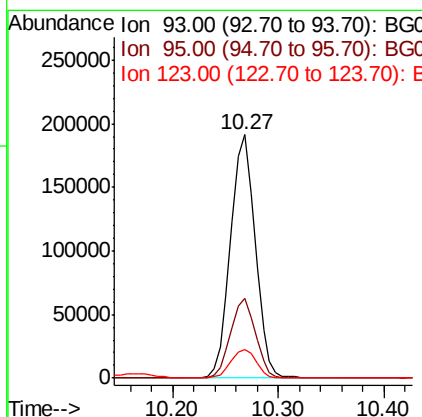
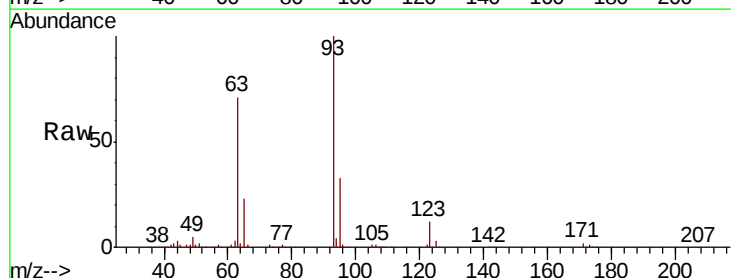
Manual Integrations
APPROVED

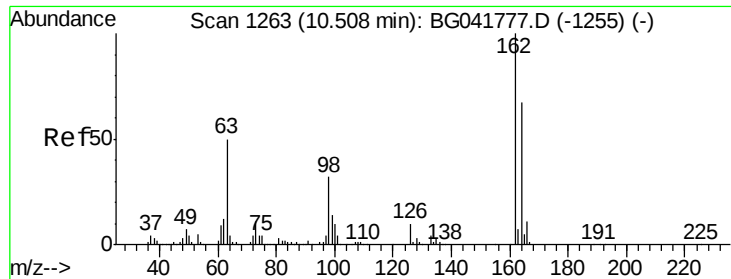
mohammad
8/1/2019 5:04:47 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.487 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.9	9.9	14.9





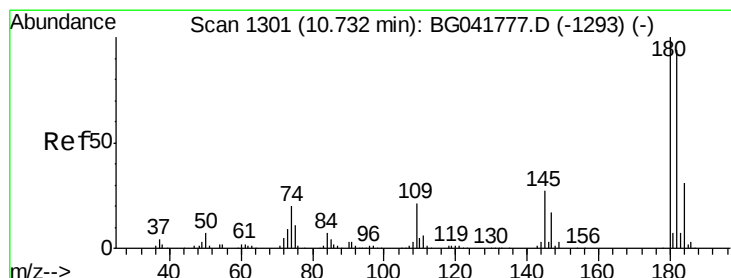
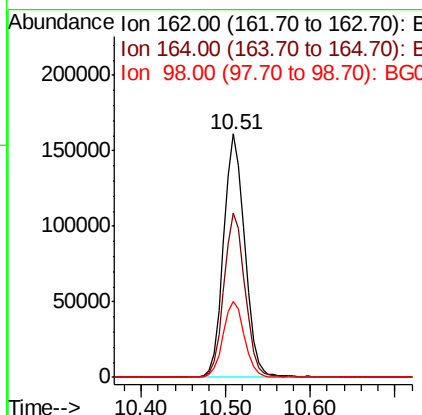
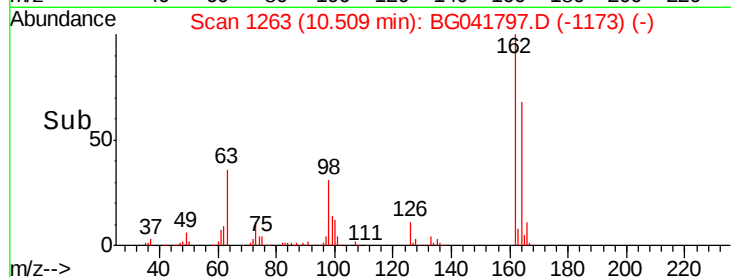
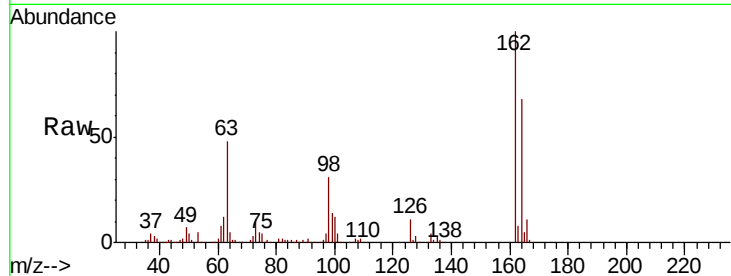
#29
2,4-Dichlorophenol
Concen: 45.013 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.5	46.1	86.1
98	31.2	14.7	54.7

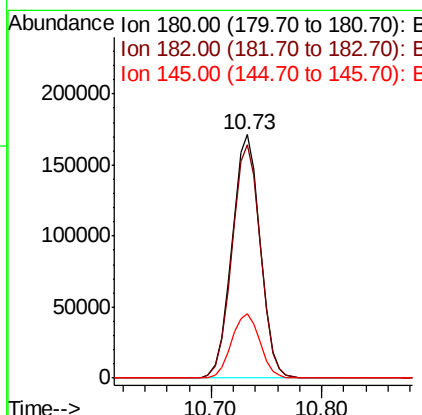
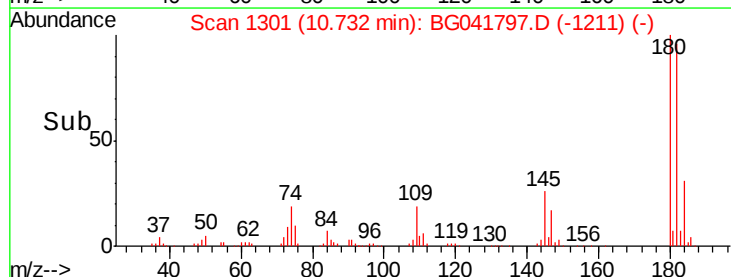
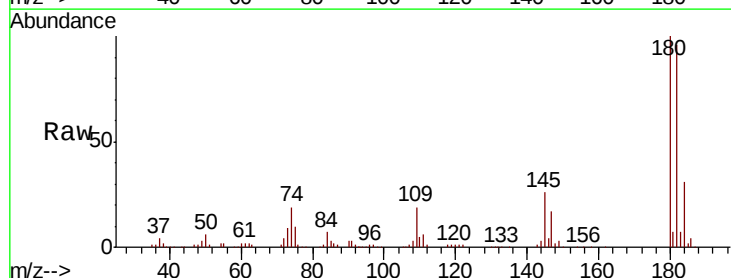
Manual Integrations
APPROVED

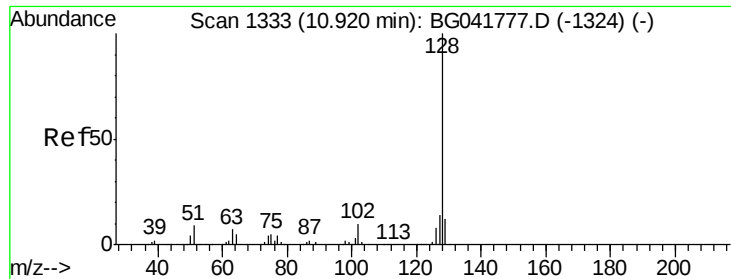
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.866 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.9	76.2	114.2
145	26.3	23.8	35.8





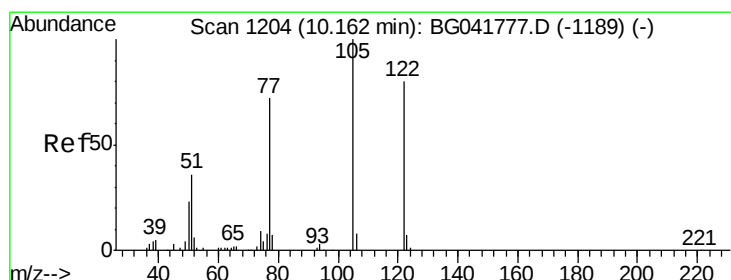
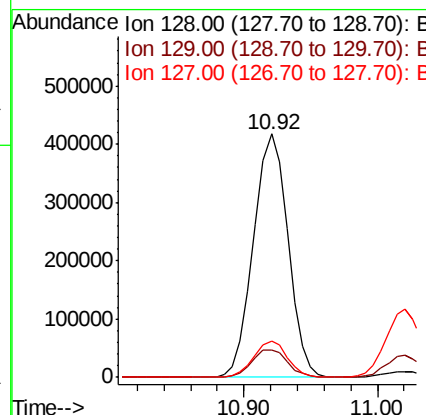
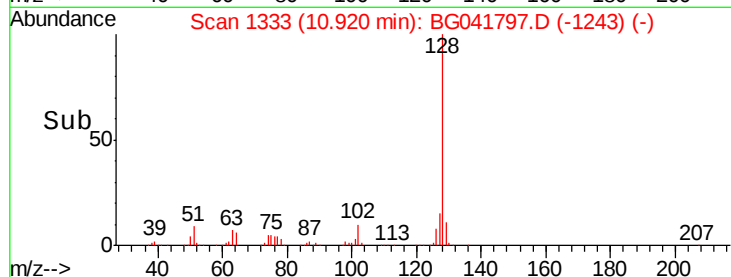
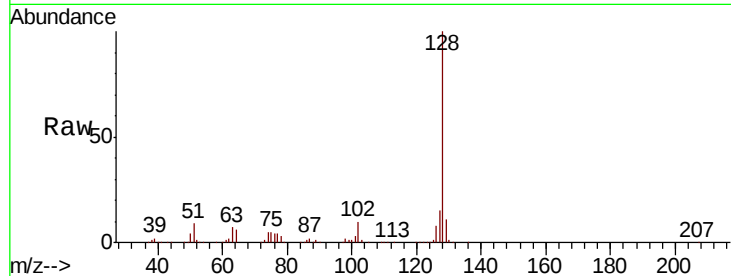
#31
Naphthalene
Concen: 40.057 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.0	15.0
127	15.1	12.3	18.5

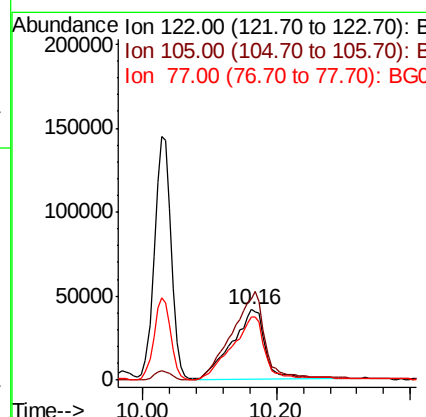
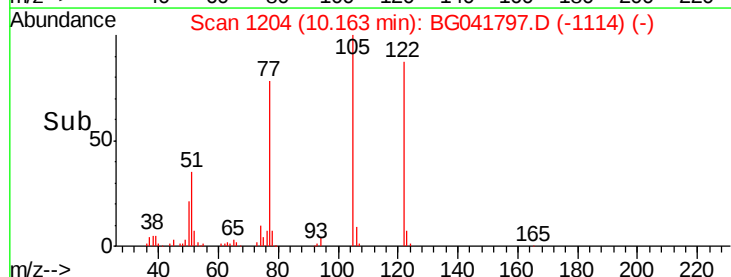
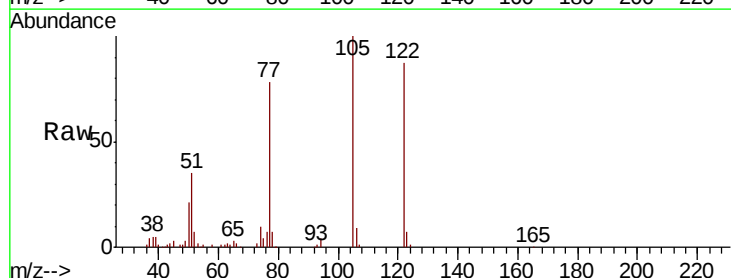
Manual Integrations
APPROVED

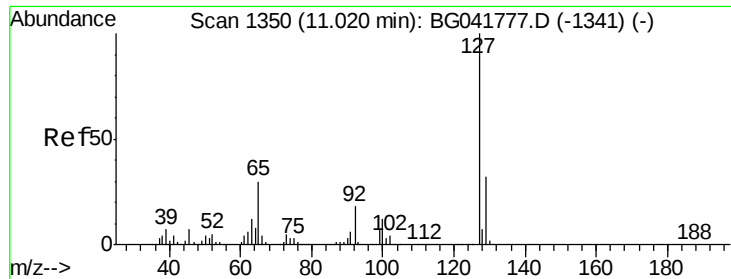
mohammad
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#32
Benzoic acid
Concen: 41.622 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.3	101.5	141.5
77	89.6	73.0	113.0





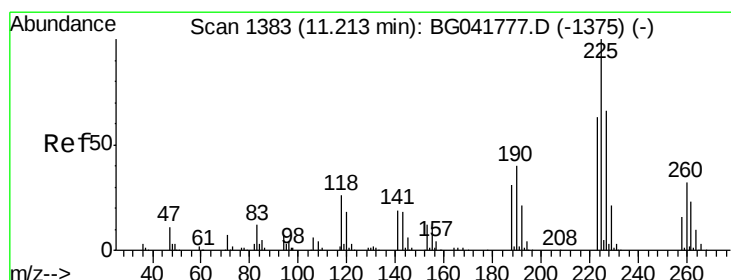
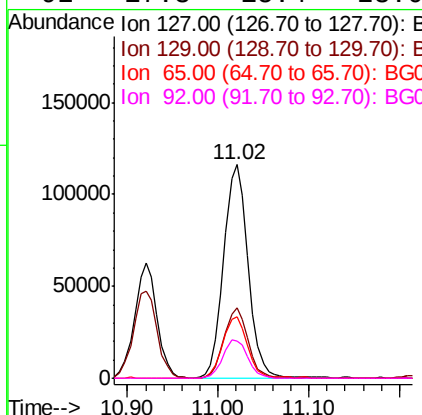
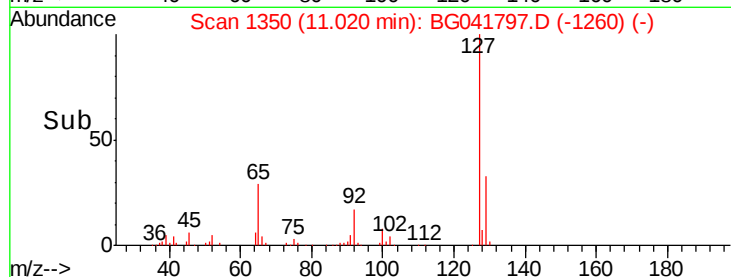
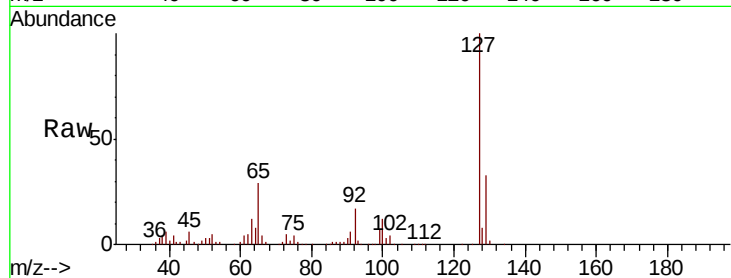
#33
4-Chloroaniline
Concen: 24.542 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.8	38.8		
65	29.1	26.7	40.1		
92	17.3	15.4	23.0		

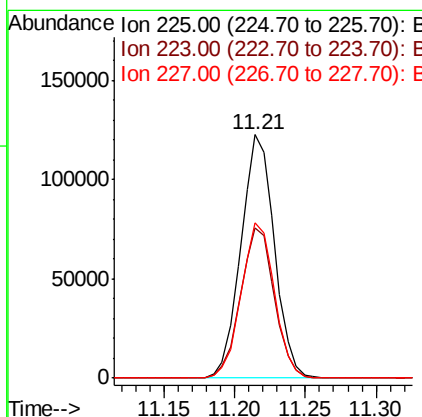
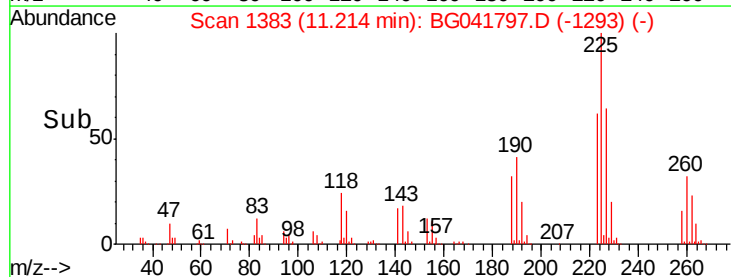
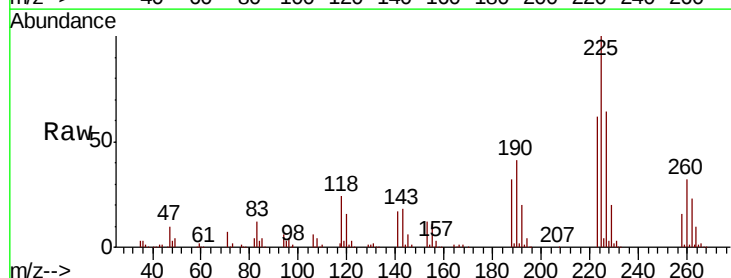
Manual Integrations
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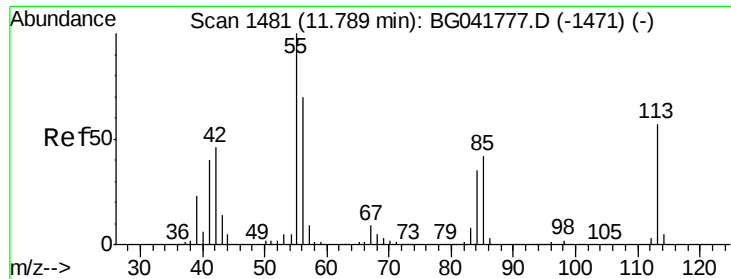
mohammad
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#34
Hexachlorobutadiene
Concen: 38.052 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	51.1	76.7		
227	63.7	50.9	76.3		





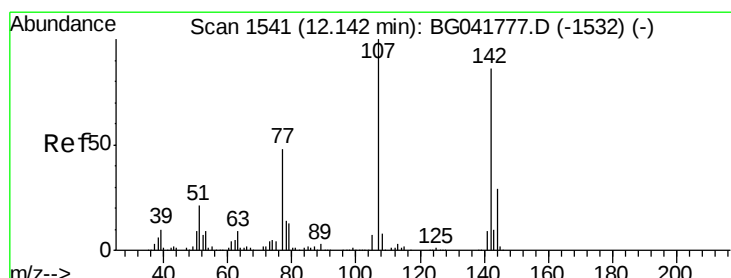
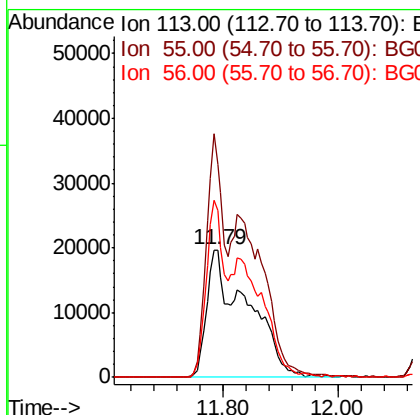
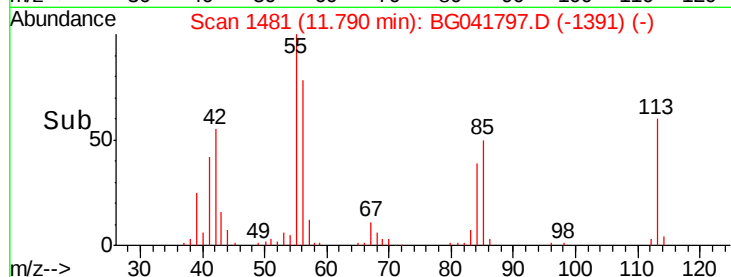
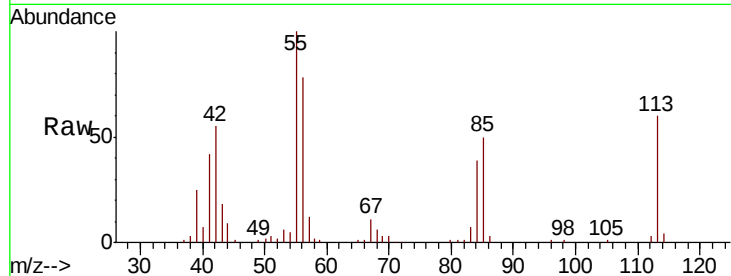
#35
Caprolactam
Concen: 44.669 ng/ml
RT: 11.79 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleID :
PB121767BSD

Tot Ion: 113 Resp: 96702
Ion Ratio Lower Upper
113 100
55 166.8 199.4 239.4#
56 130.7 133.6 173.6#

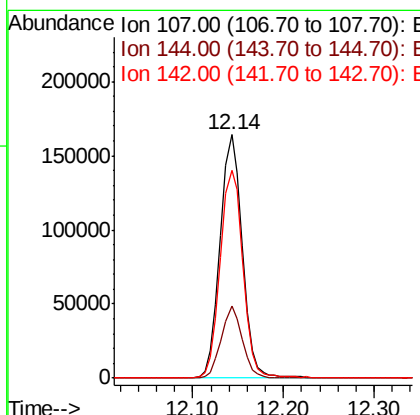
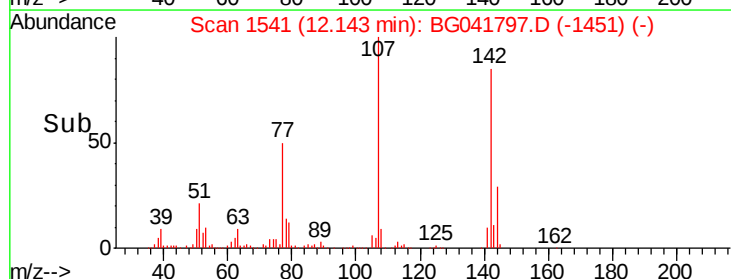
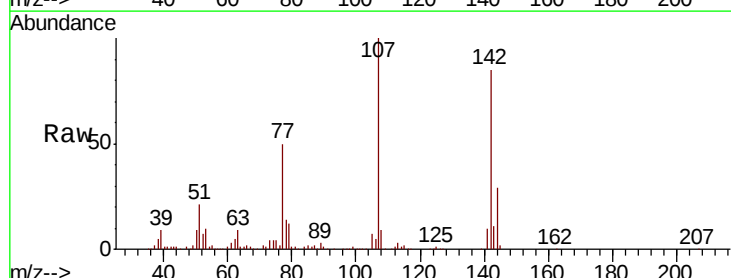
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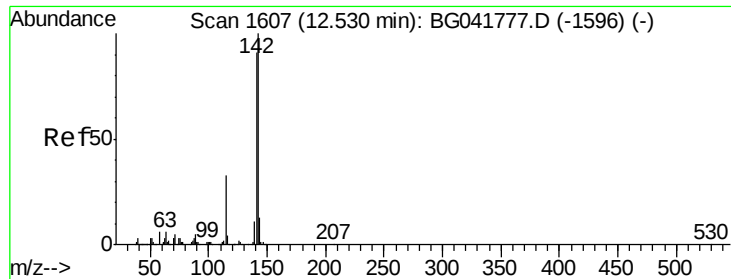
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.082 ng/ml
RT: 12.14 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion: 107 Resp: 278418
Ion Ratio Lower Upper
107 100
144 29.4 22.2 33.2
142 85.4 67.3 100.9





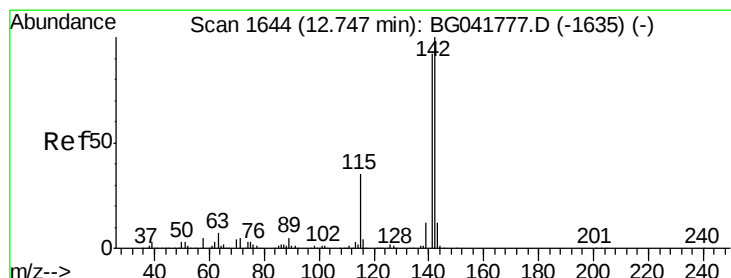
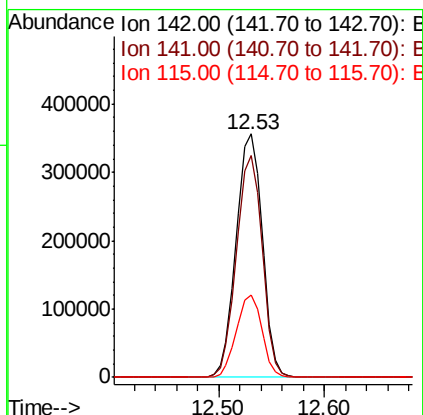
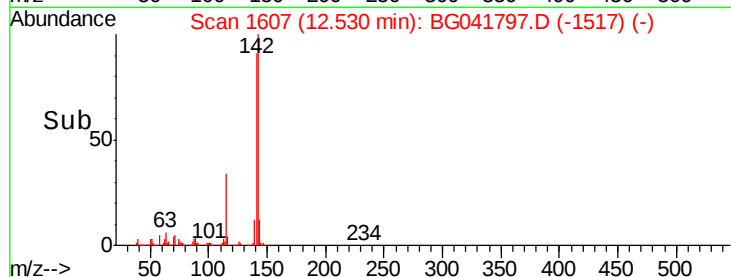
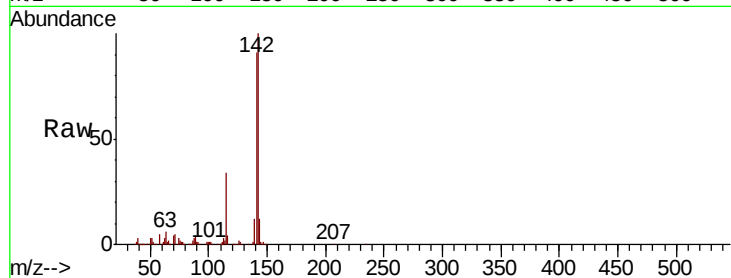
#37
2-Methylnaphthalene
Concen: 41.290 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
115	33.9	27.0	40.4

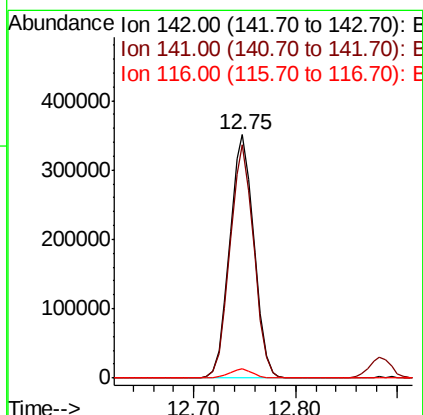
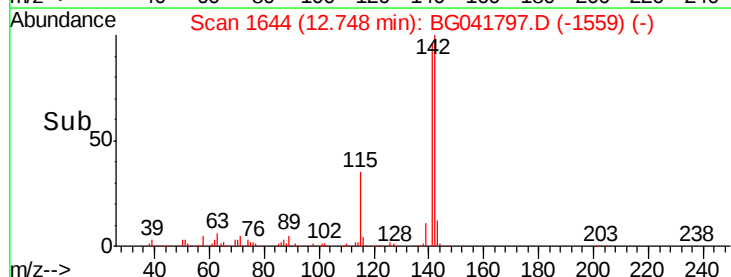
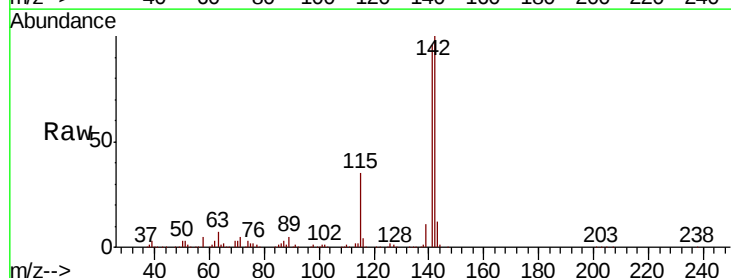
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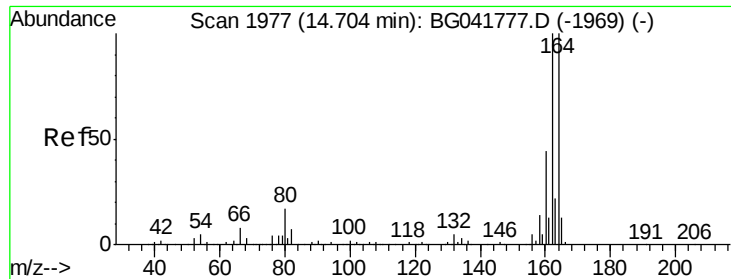
mohammad
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#38
1-Methylnaphthalene
Concen: 41.507 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.4	113.2
116	3.9	3.2	4.8





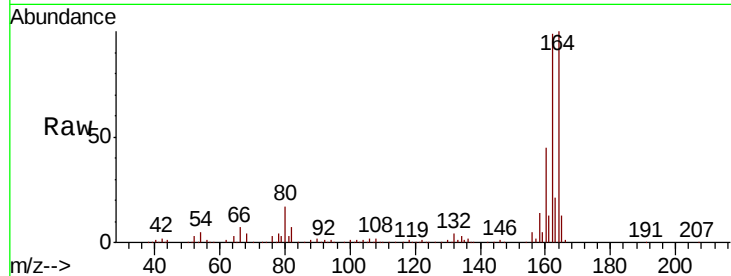
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleID :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.6	119.4
160	44.9	35.4	53.0

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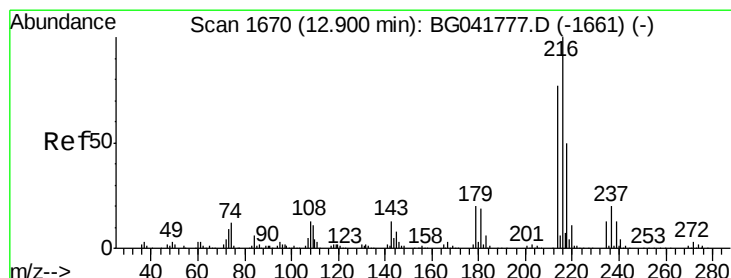
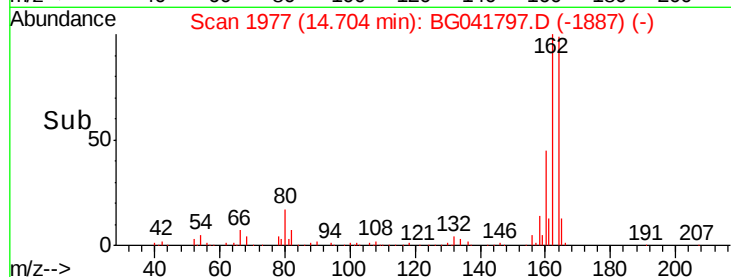
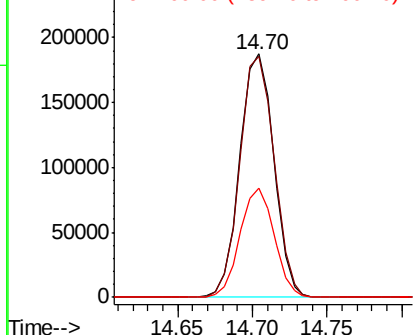


Abundance

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: 40.325 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.7	61.5	92.3
179	19.0	16.2	24.2
108	15.3	13.2	19.8

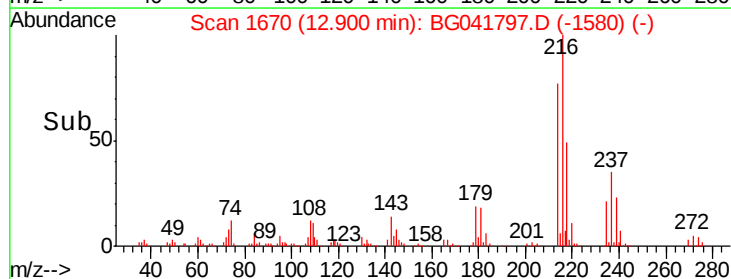
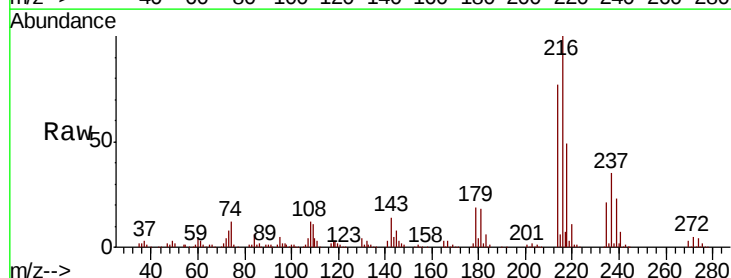
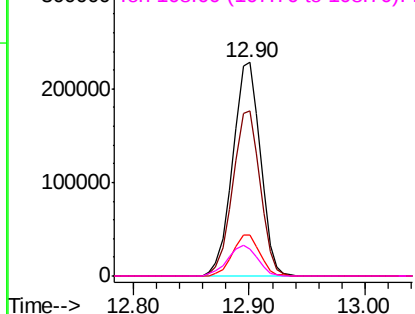
Abundance

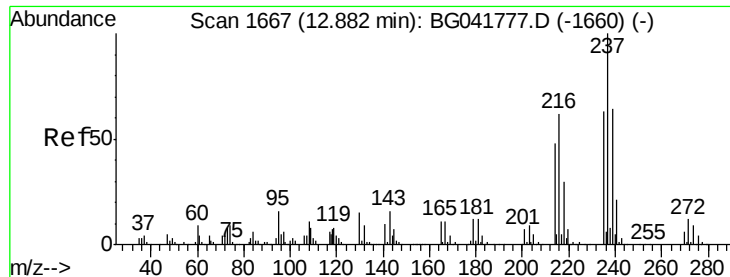
Ion 216.00 (215.70 to 216.70): E

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: 87.715 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

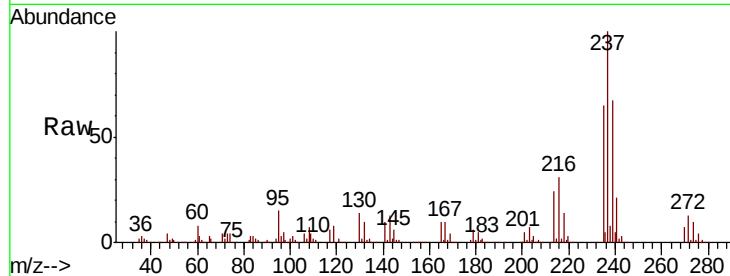
ClientSampleId :

PB121767BSD

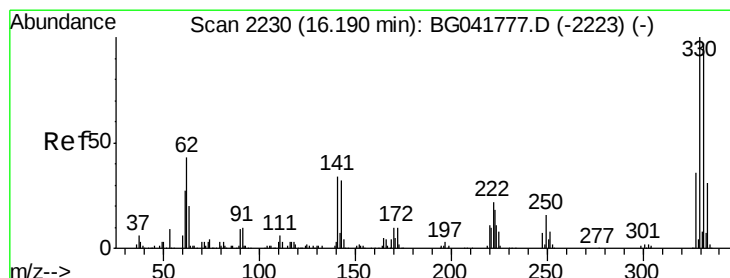
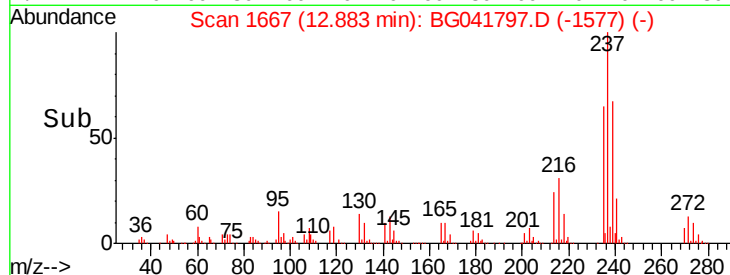
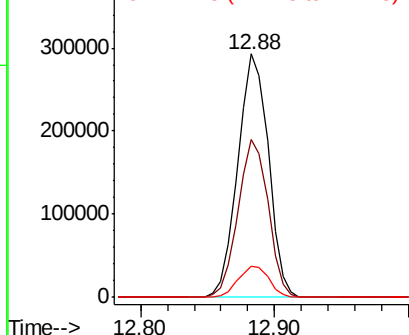
Tot Ion:	237	Resp:	462600
Ion Ratio		Lower	Upper
237	100		
235	64.6	43.5	83.5
272	12.6	0.0	31.2

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: 136.663 ng

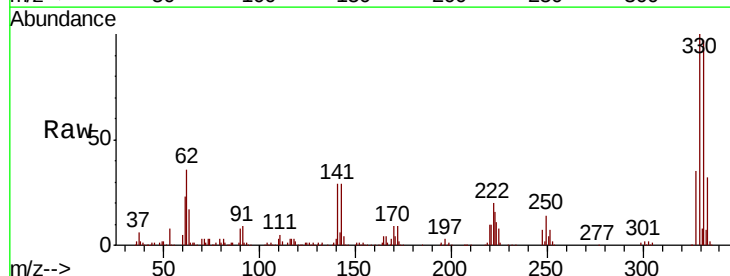
RT: 16.20 min Scan# 2231

Delta R.T. 0.01 min

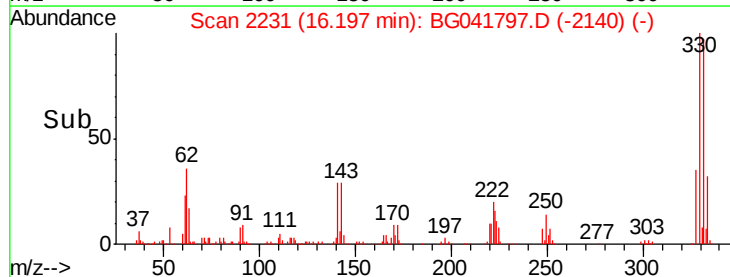
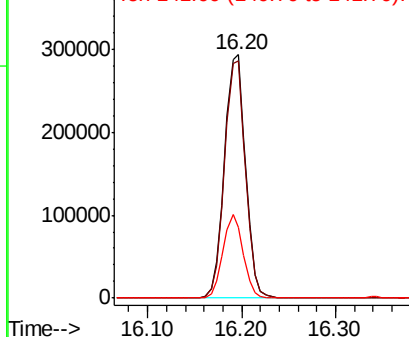
Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tgt Ion:	330	Resp:	460004
Ion Ratio		Lower	Upper
330	100		
332	96.5	77.4	116.0
141	33.0	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





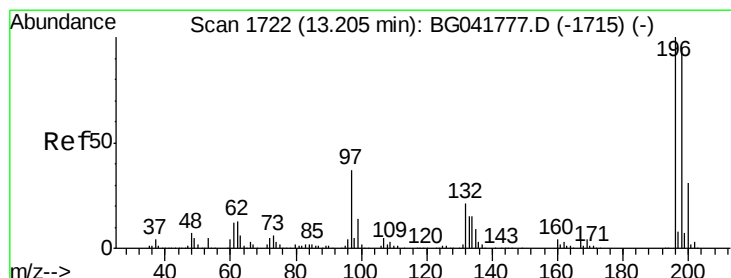
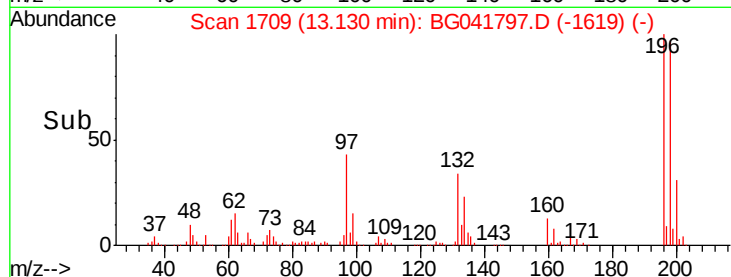
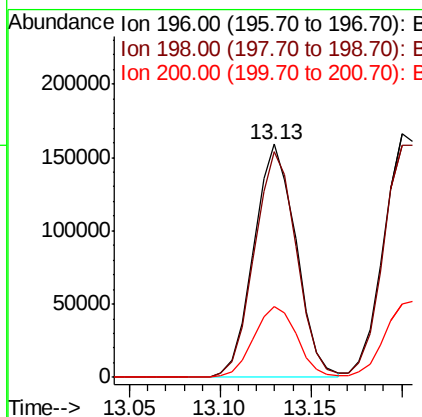
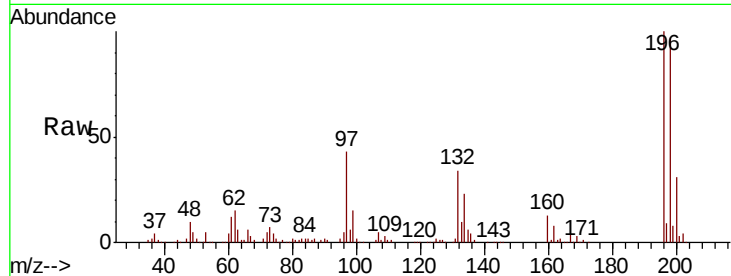
#43
 2,4,6-Trichlorophenol
 Concen: 43.300 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	256712		
198	96.6	79.6	119.4	
200	30.6	25.2	37.8	

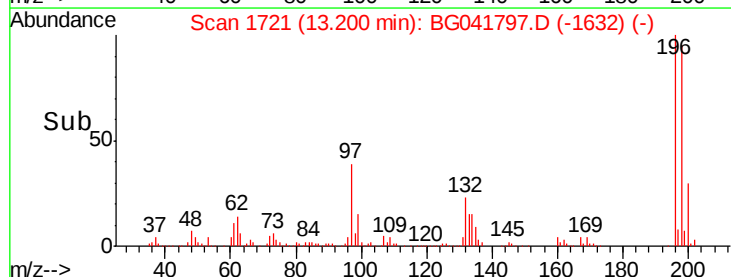
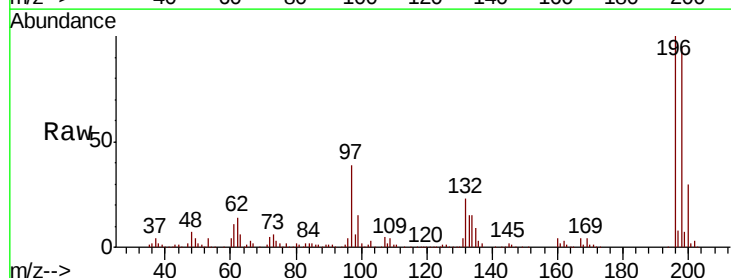
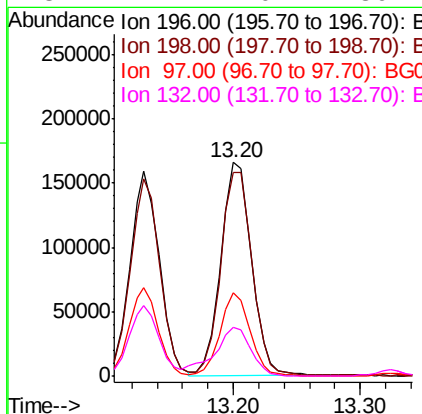
Manual Integrations
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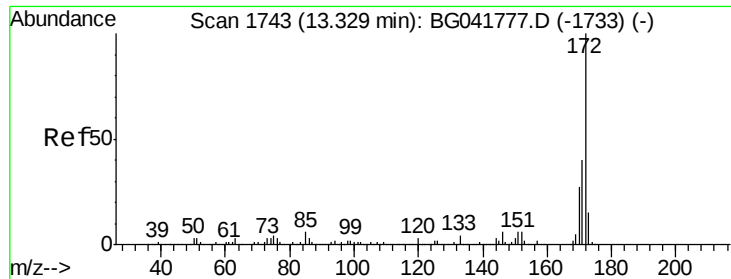
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.155 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278202		
198	95.5	80.6	121.0	
97	39.0	33.9	50.9	
132	22.7	20.2	30.2	





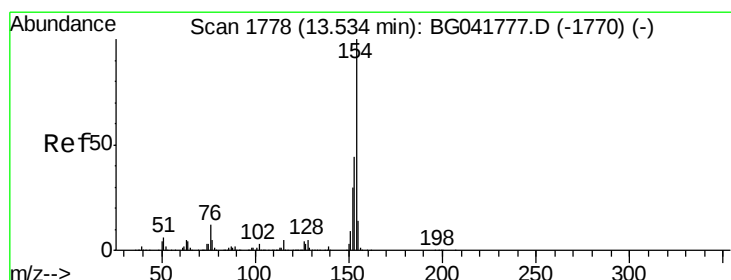
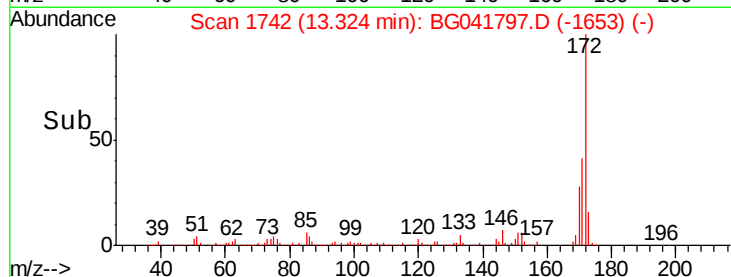
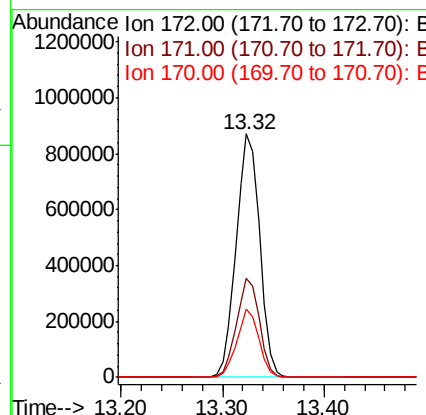
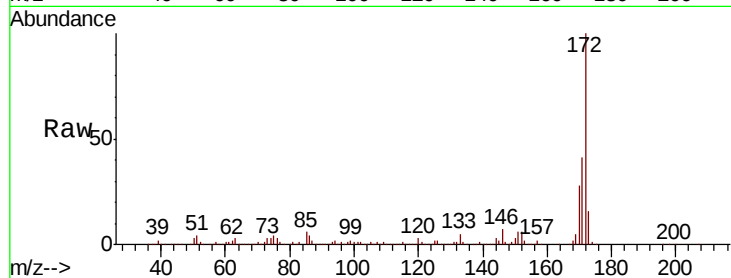
#45
2-Fluorobiphenyl
Concen: 83.332 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.9	35.0	52.4
170	27.8	23.5	35.3

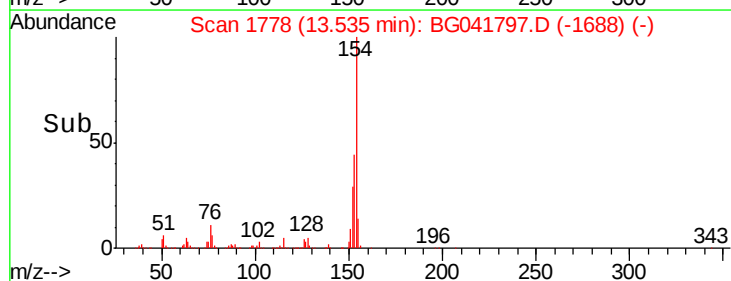
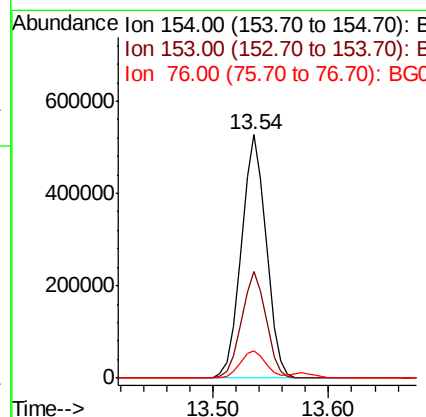
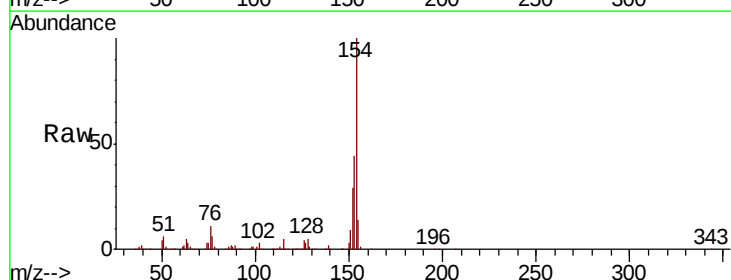
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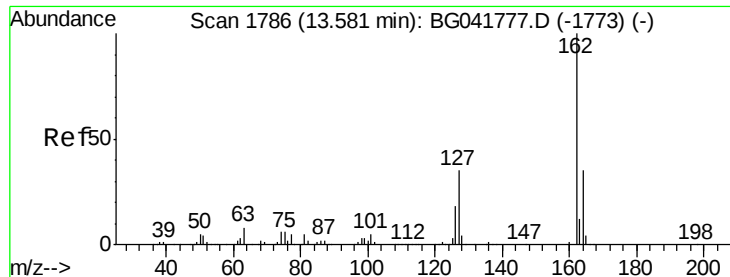
mohammad
8/1/2019 5:04:47 PM



#46
1,1'-Biphenyl
Concen: 41.118 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	25.0	65.0
76	11.4	0.0	34.5





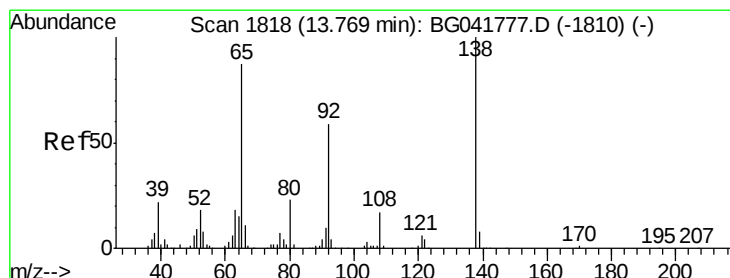
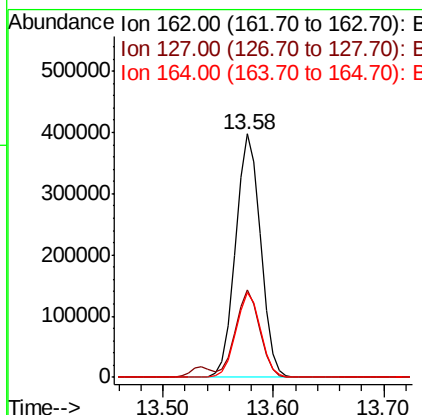
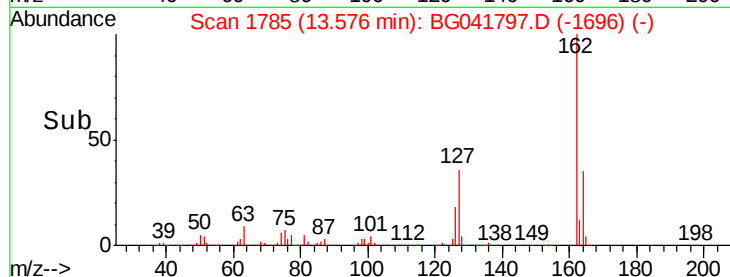
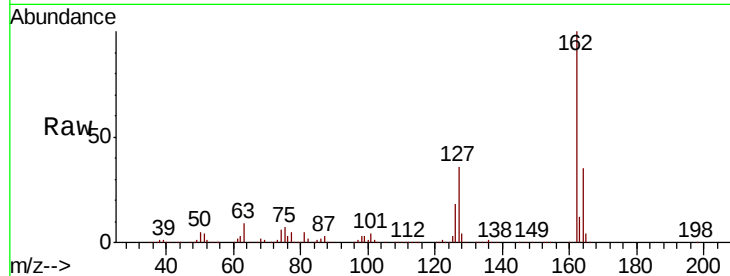
#47
2-Chloronaphthalene
Concen: 38.964 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	631933		
127	35.9	30.4	45.6	
164	34.6	28.6	42.8	

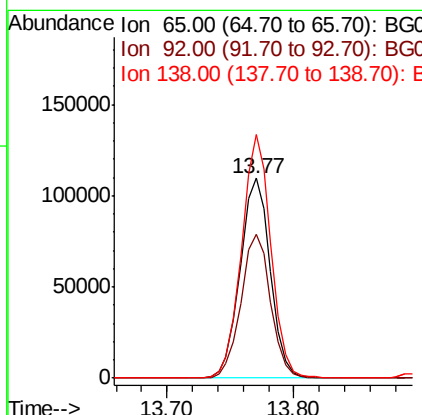
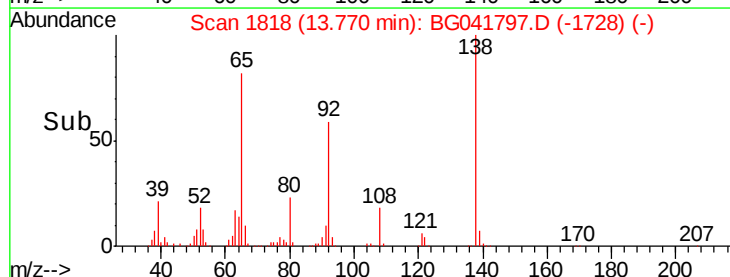
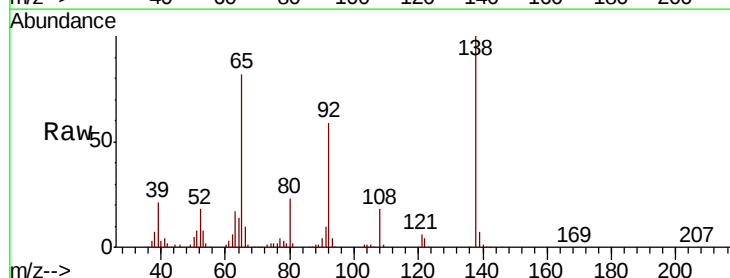
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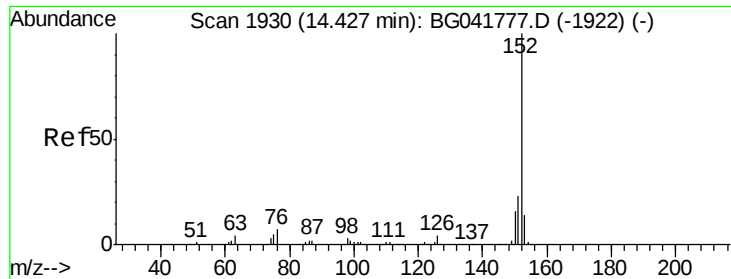
mohammad
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#48
2-Nitroaniline
Concen: 43.787 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	180114		
92	72.1	53.9	80.9	
138	122.0	83.5	125.3	





#49

Acenaphthylene

Concen: 41.320 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

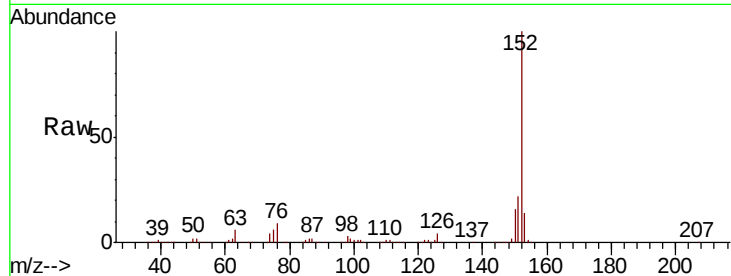
ClientSampleId :

PB121767BSD

Tot Ion:	152	Resp:	1002441
Ion	Ratio	Lower	Upper
152	100		
151	22.5	18.7	28.1
153	14.5	12.4	18.6

Manual Integrations
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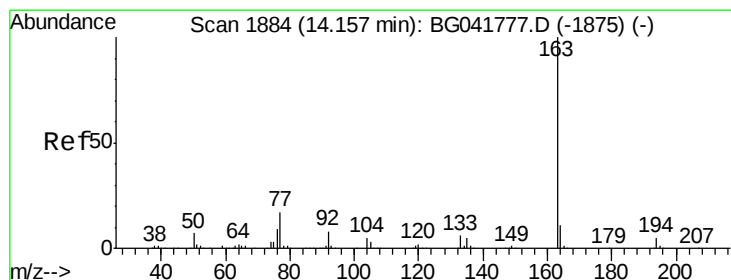
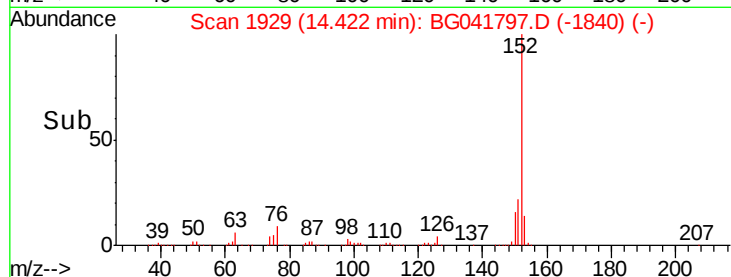
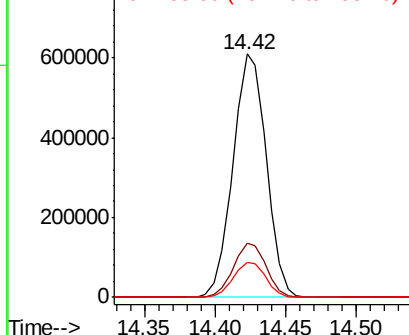


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.938 ng

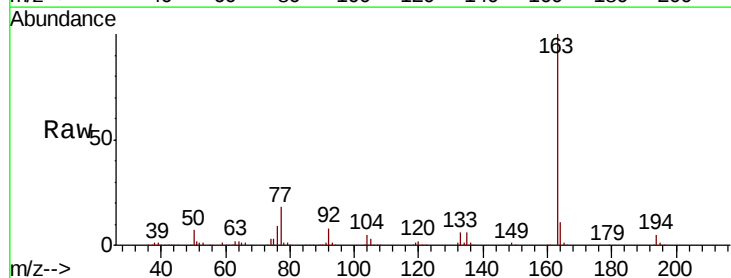
RT: 14.15 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tgt Ion:	163	Resp:	848759
Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	11.4	9.4	14.2

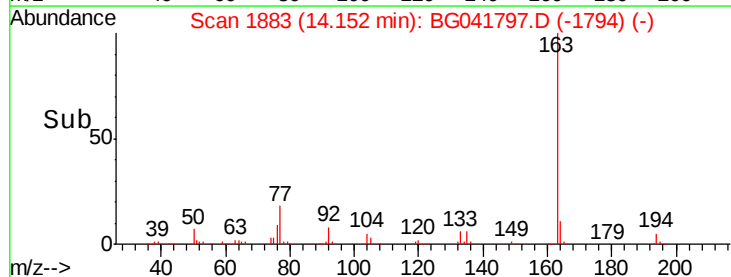
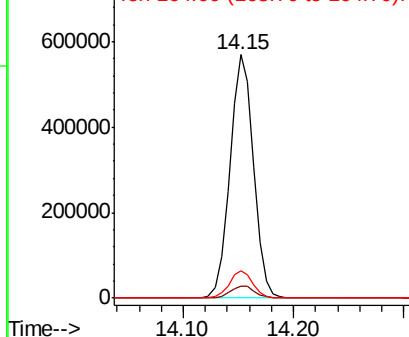


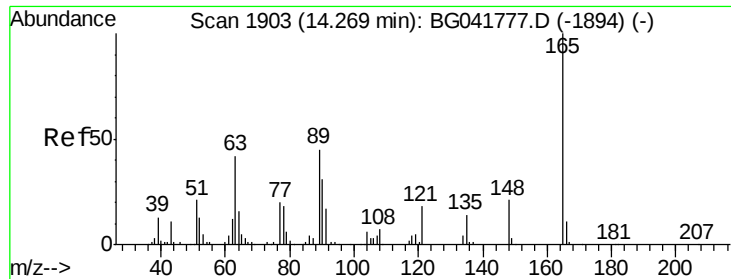
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.673 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

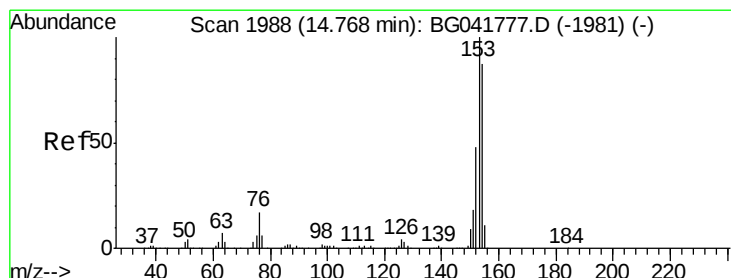
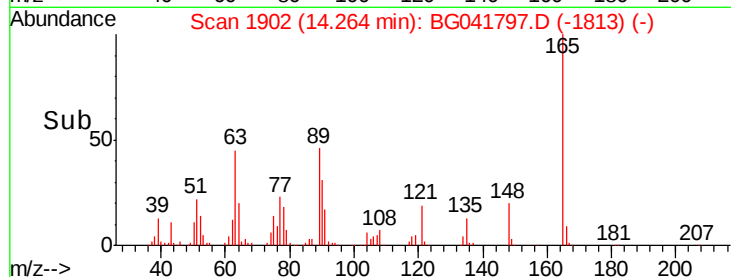
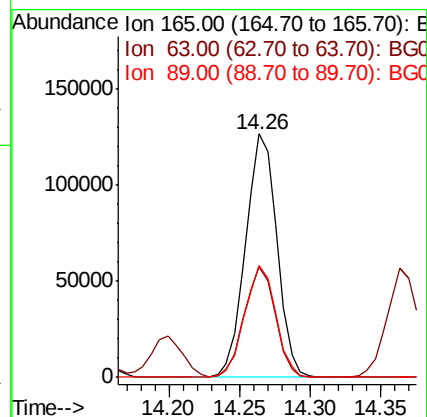
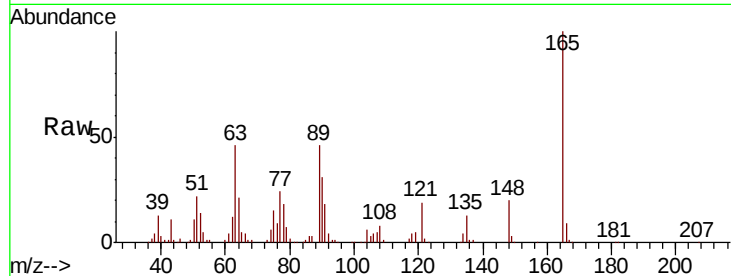
ClientSampleId :

PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197518		
63	45.6		42.4	63.6
89	45.7		42.1	63.1

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#52

Acenaphthene

Concen: 44.872 ng

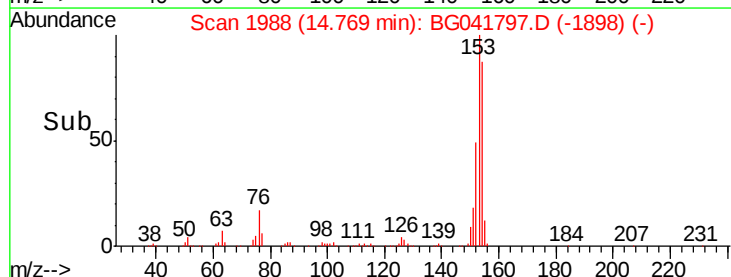
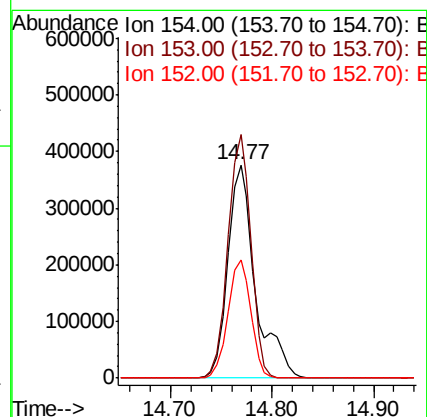
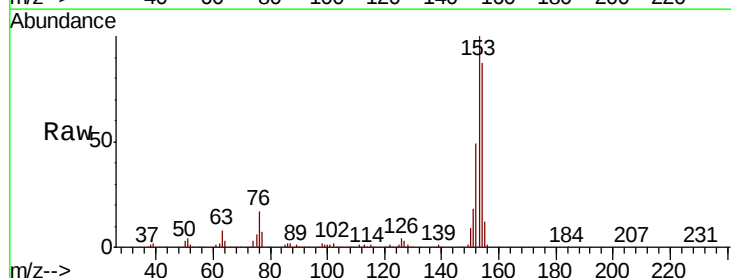
RT: 14.77 min Scan# 1988

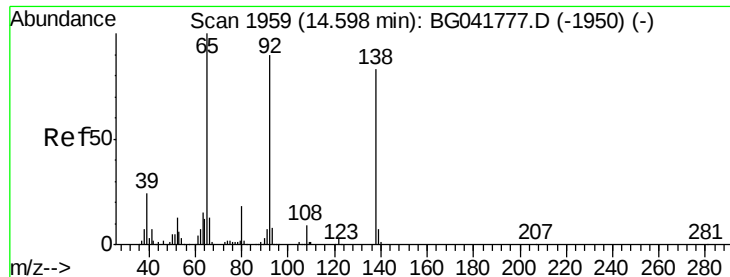
Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	708023		
153	114.3		89.8	134.6
152	55.8		44.9	67.3





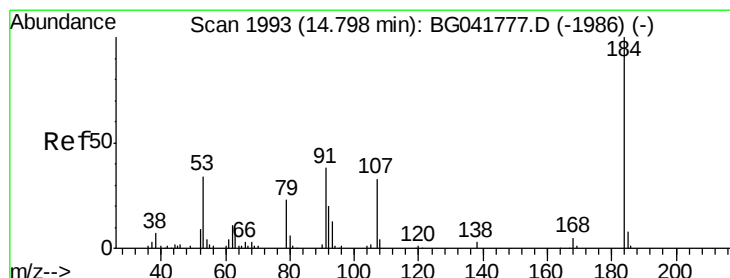
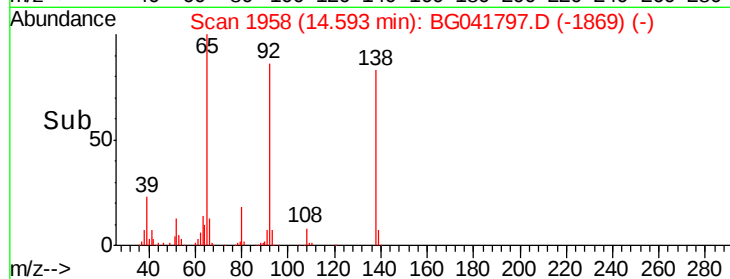
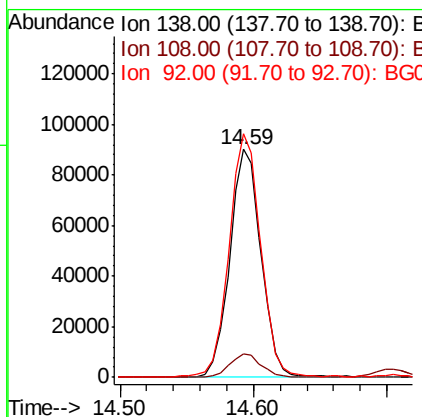
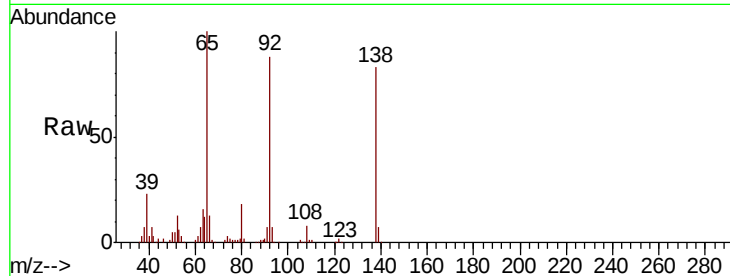
#53
3-Nitroaniline
Concen: 32.313 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	10.3	15.5#
92	106.9	93.0	139.4

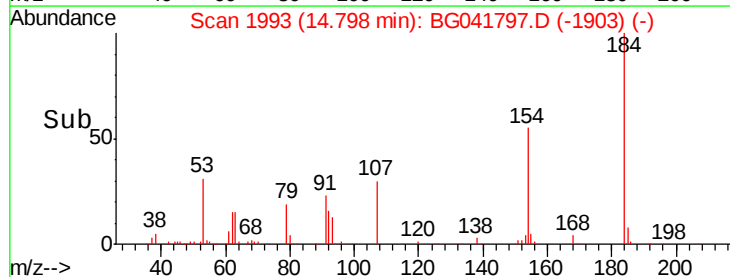
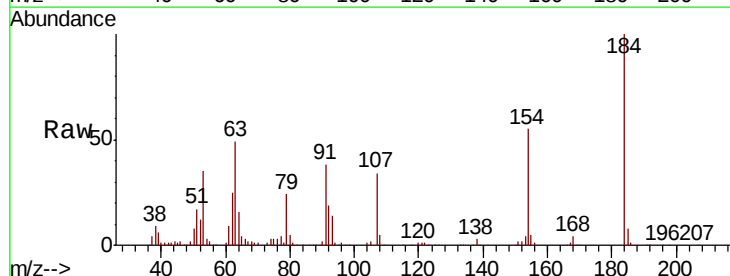
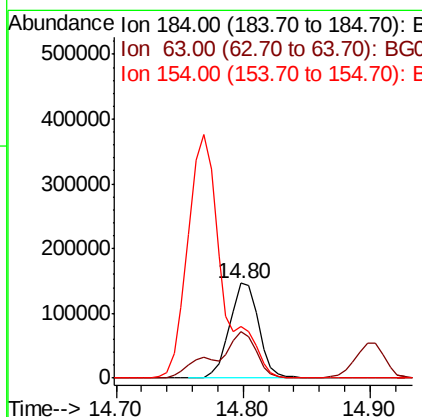
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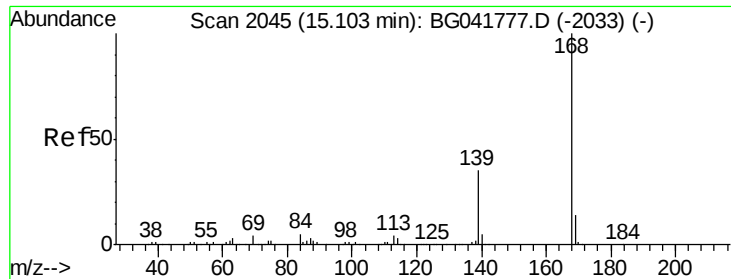
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#54
2,4-Dinitrophenol
Concen: 87.940 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.2	43.2	64.8
154	54.5	51.4	77.2





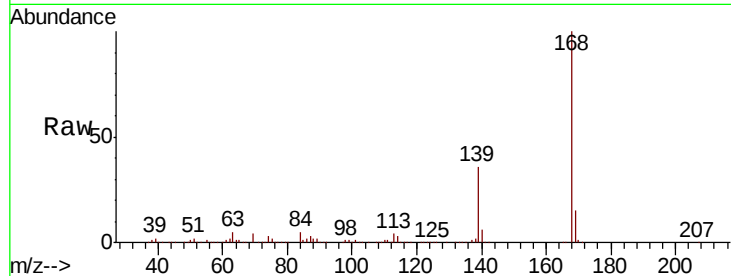
#55
Dibenzenofuran
Concen: 41.415 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	31.9	47.9
169	15.0	12.5	18.7

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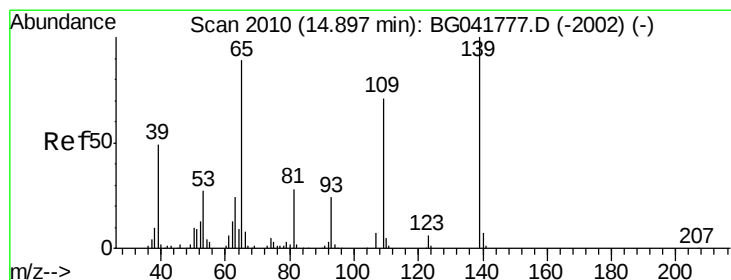
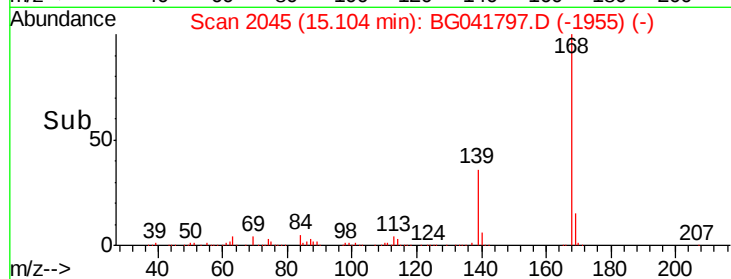
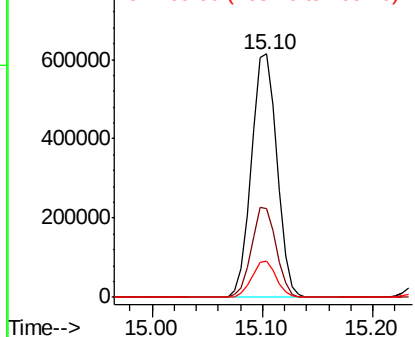


Abundance

Ion 168.00 (167.70 to 168.70): E

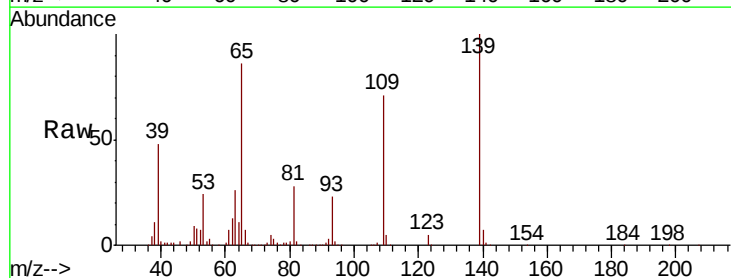
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 97.171 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.7	51.3	91.3
65	86.0	77.6	117.6

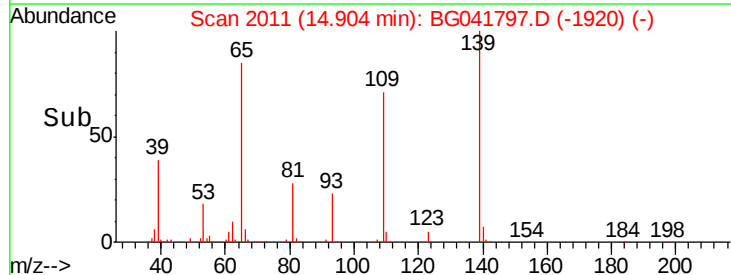
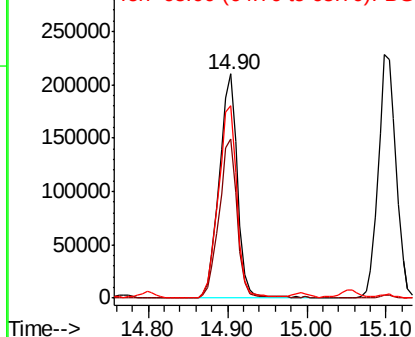


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





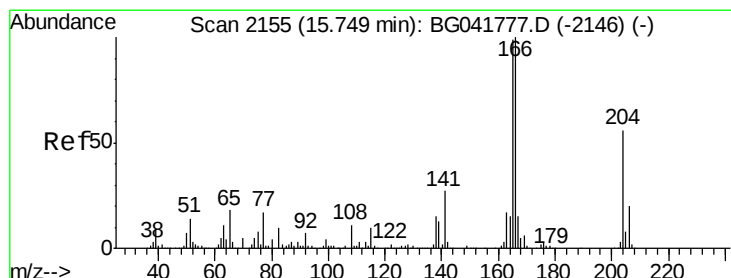
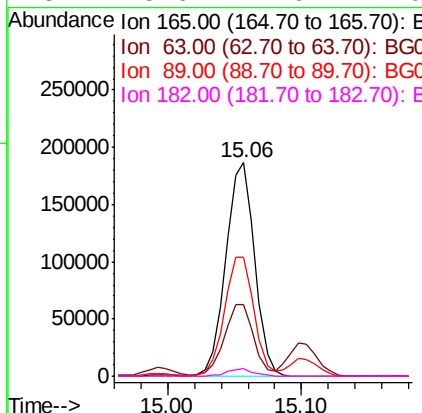
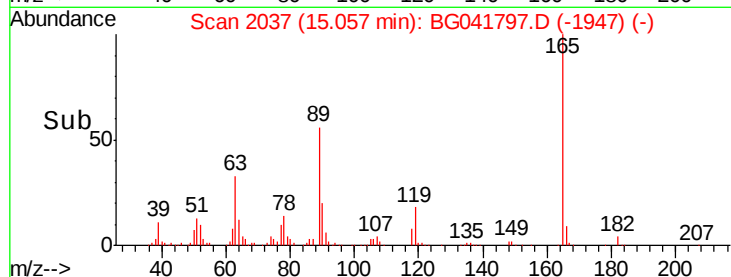
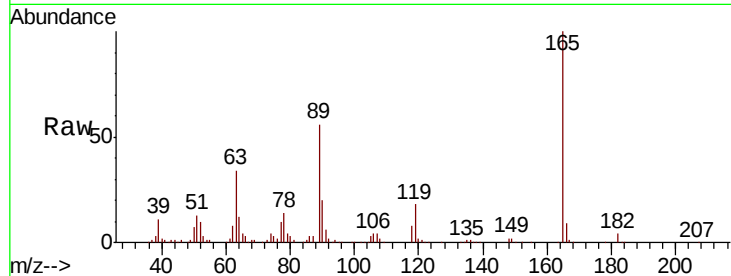
#57
 2,4-Dinitrotoluene
 Concen: 48.395 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		281651		
63	33.6	31.7	47.5		
89	55.7	50.2	75.4		
182	3.6	2.6	4.0		

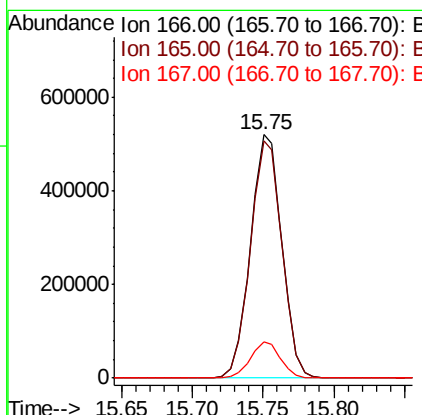
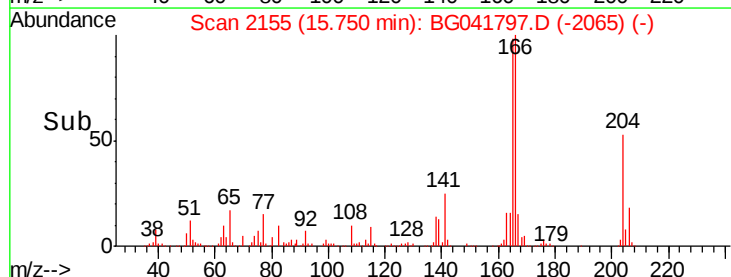
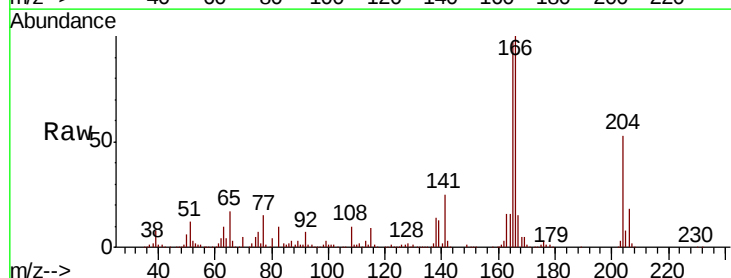
Manual Integrations
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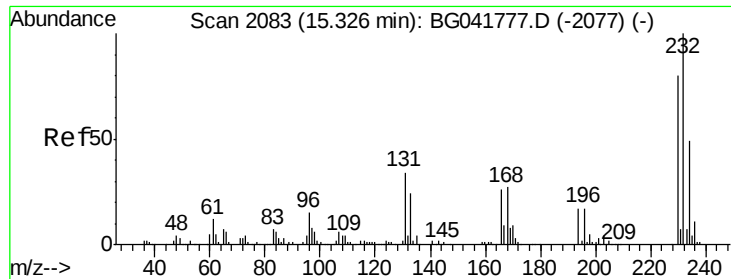
mohammad
 8/1/2019 5:04:47 PM



#58
 Fluorene
 Concen: 41.744 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		808512		
165	97.4	80.5	120.7		
167	14.8	12.4	18.6		





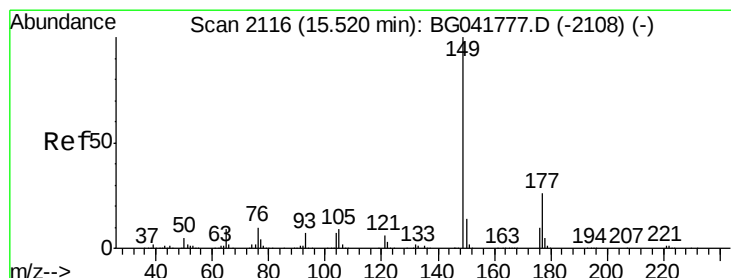
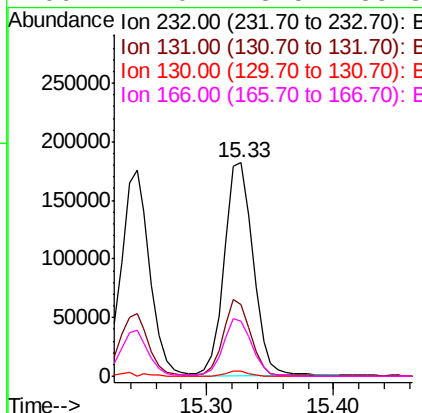
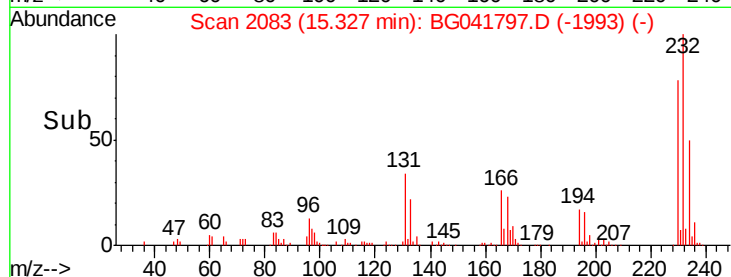
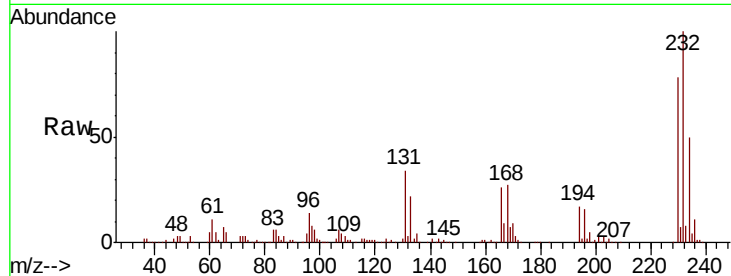
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.881 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	286072		
131	34.9		31.8	47.6
130	2.0		1.8	2.8
166	27.0		23.5	35.3

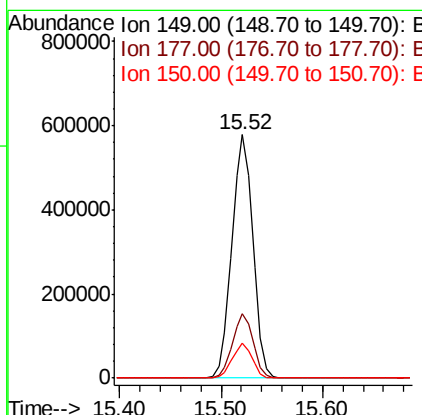
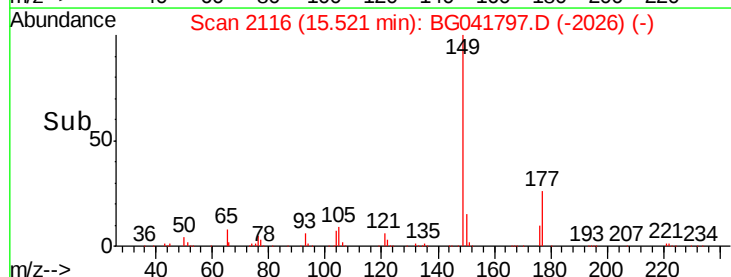
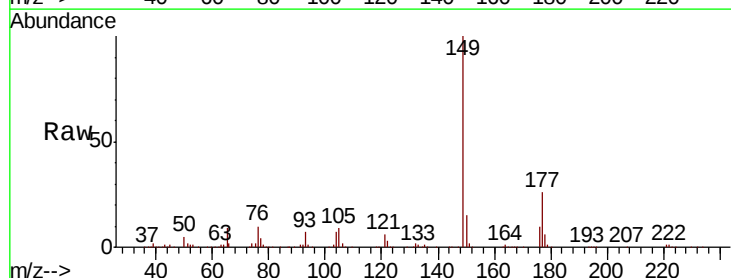
Manual Integrations
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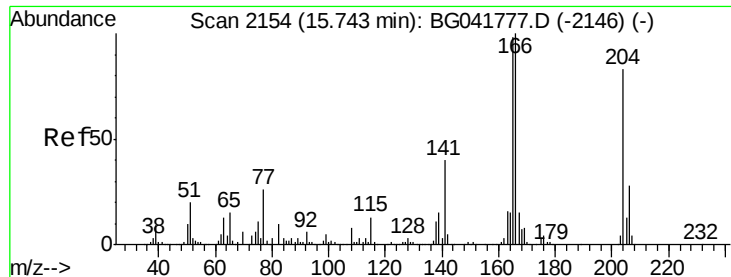
mohammad
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#60
 Diethylphthalate
 Concen: 41.874 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	832025		
177	26.3		20.7	31.1
150	14.5		11.5	17.3





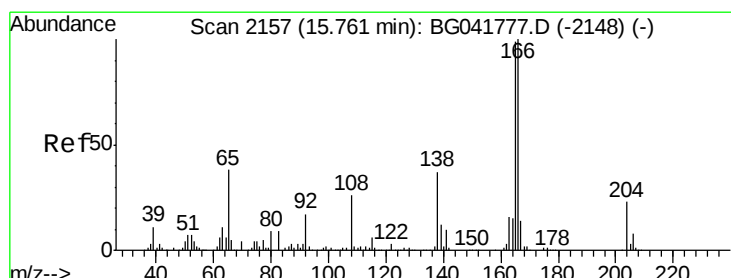
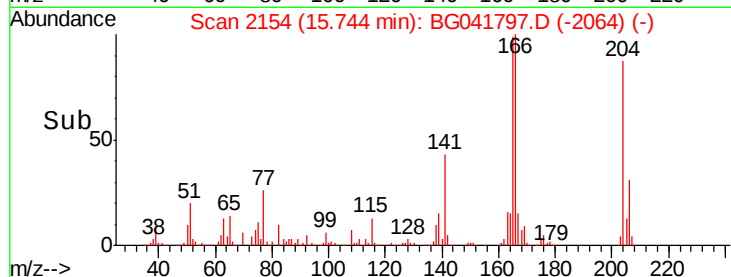
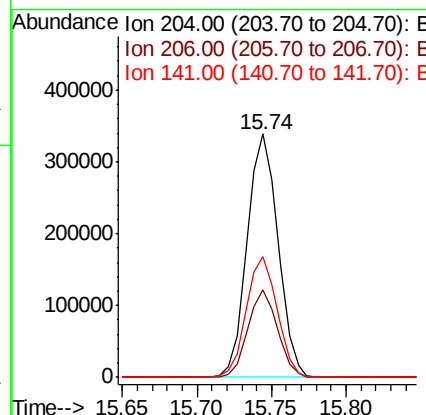
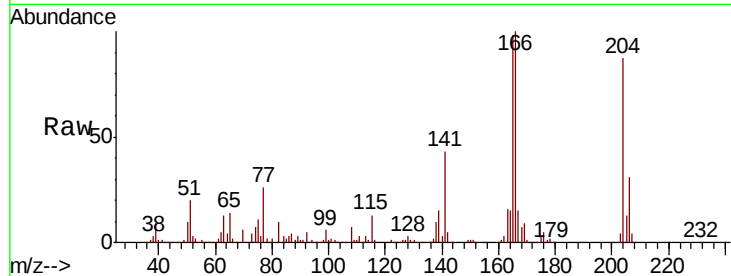
#61
4-Chlorophenyl-phenylether
Concen: 40.849 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	482998		
206	35.7	28.6	42.8	
141	49.6	42.9	64.3	

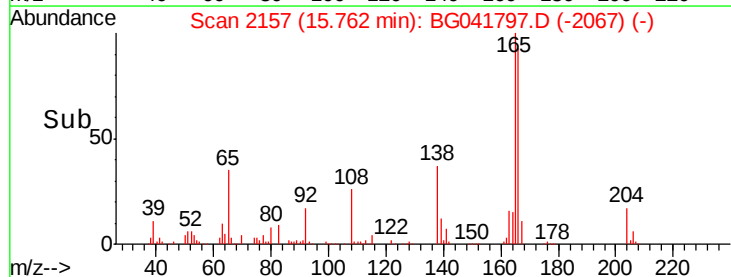
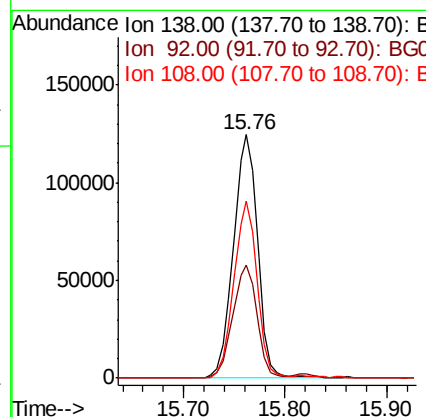
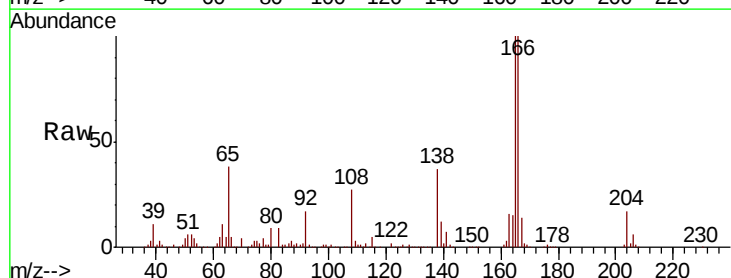
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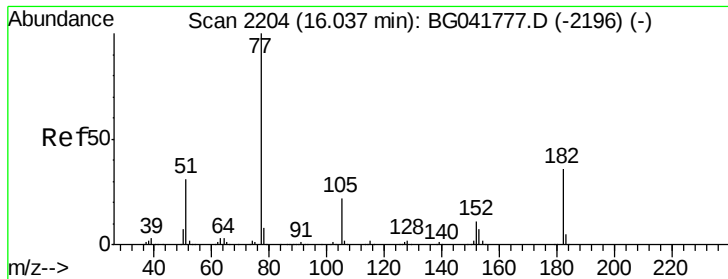
mohammad
8/1/2019 5:04:47 PM



#62
4-Nitroaniline
Concen: 41.924 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	205585		
92	46.3	29.8	69.8	
108	72.9	52.2	92.2	





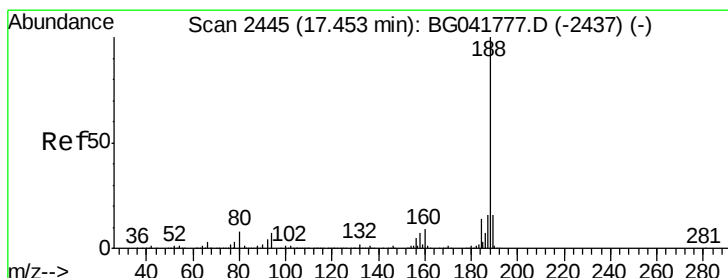
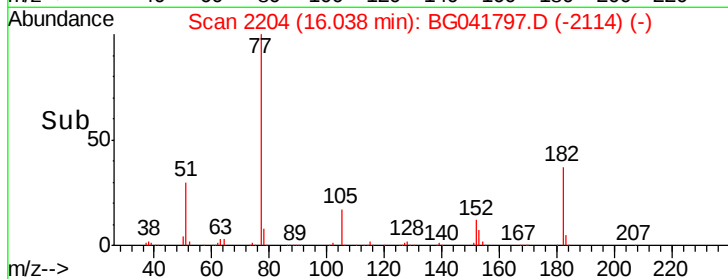
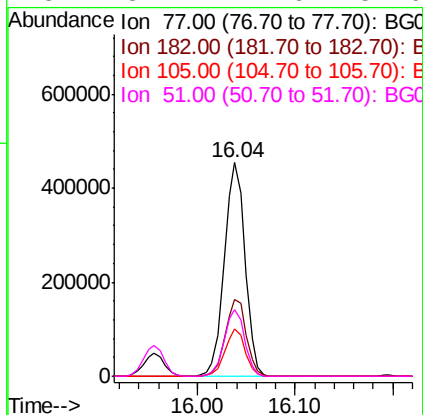
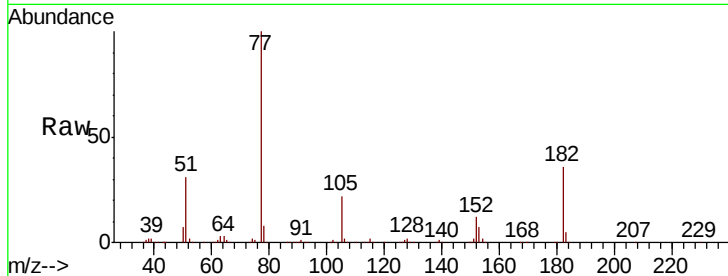
#63
Azobenzene
Concen: 41.007 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	36.2	13.2	53.2
105	22.0	2.2	42.2
51	31.4	14.6	54.6

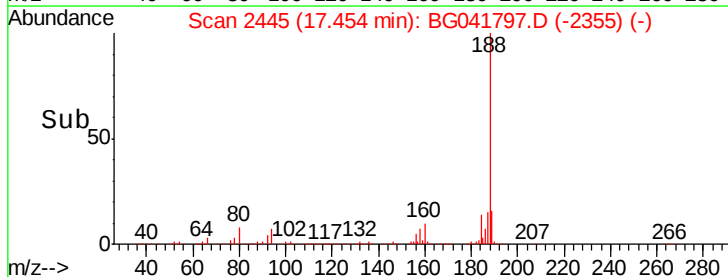
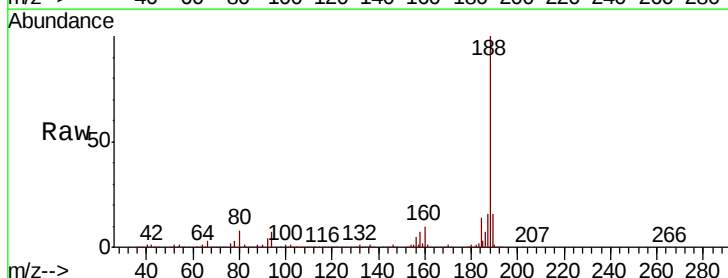
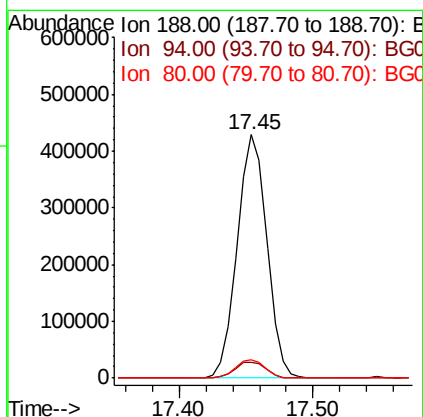
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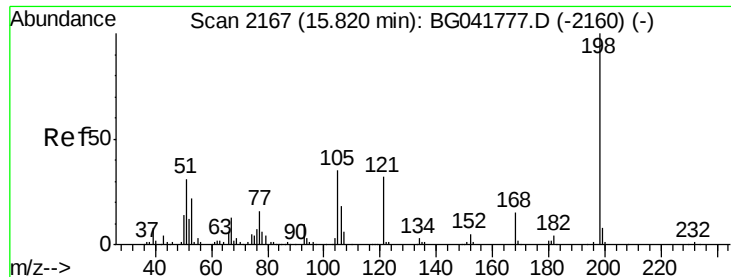
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.8	8.0	12.0#





#65

4,6-Dinitro-2-methylphenol

Concen: 47.964 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

Tot Ion:198 Resp: 155329

Ion Ratio Lower Upper

198 100

51 31.9 22.3 62.3

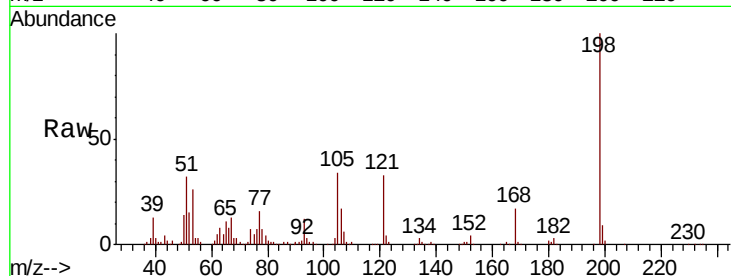
105 33.8 18.0 58.0

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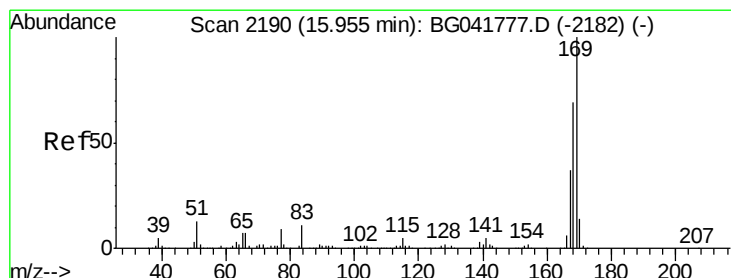
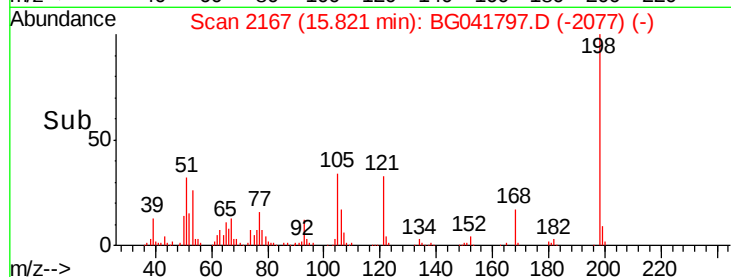
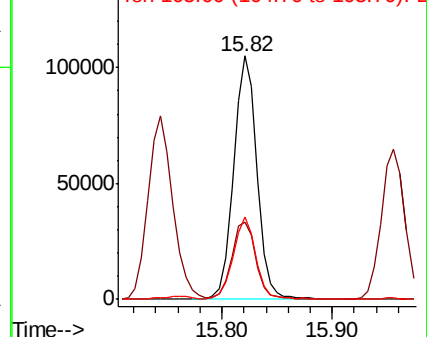
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.713 ng

RT: 15.96 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

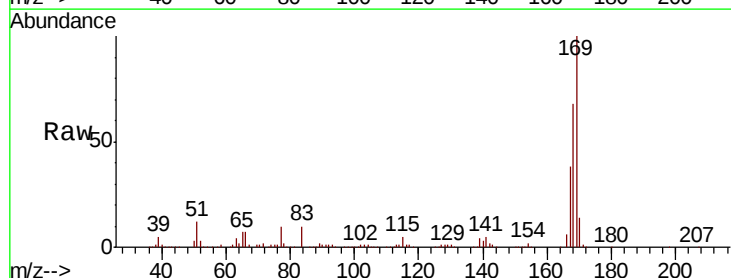
Tgt Ion:169 Resp: 769929

Ion Ratio Lower Upper

169 100

168 68.2 56.9 85.3

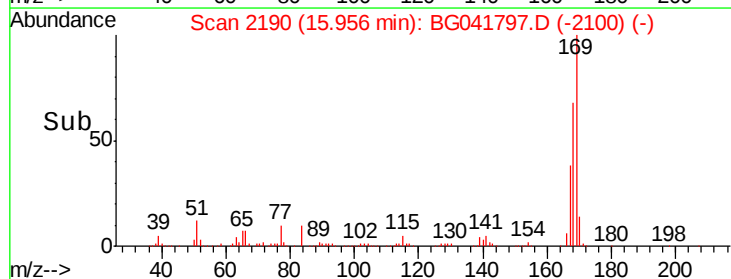
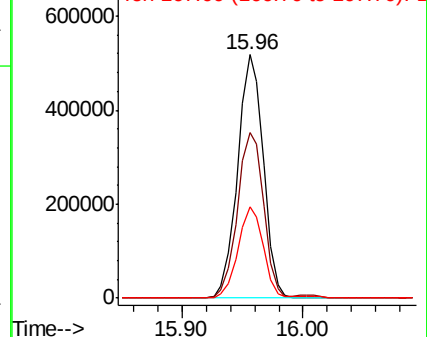
167 37.6 31.5 47.3

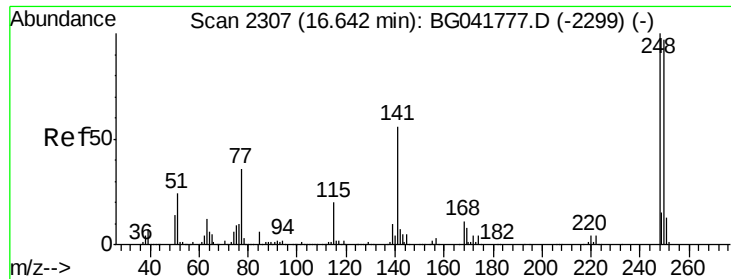


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





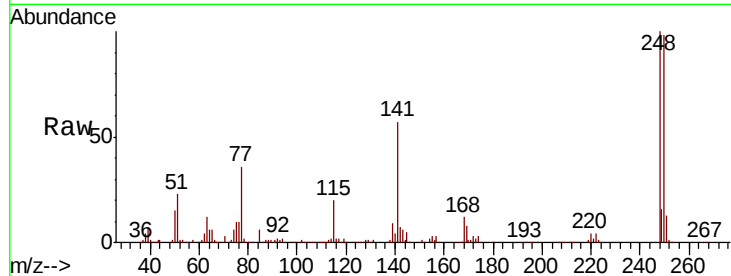
#67
4-Bromophenyl-phenylether
Concen: 40.497 ng
RT: 16.64 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.1	117.1
141	56.5	49.6	74.4

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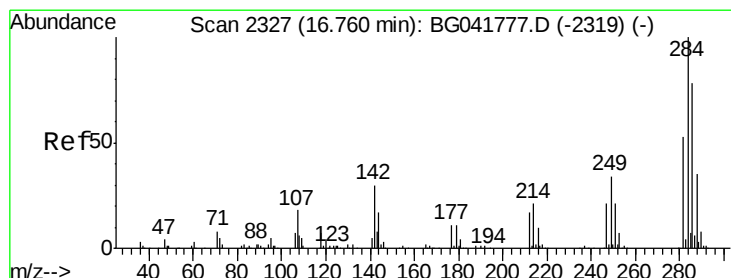
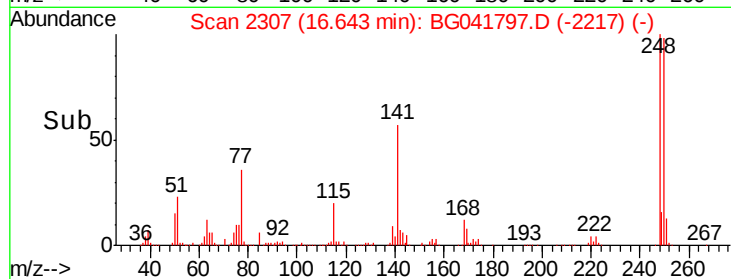
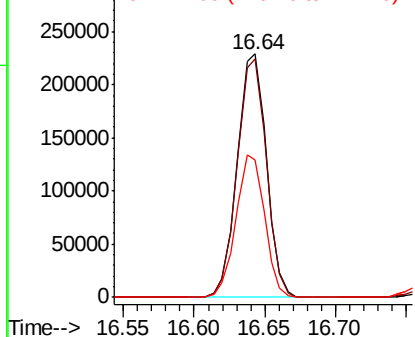


Abundance

Ion 248.00 (247.70 to 248.70): E

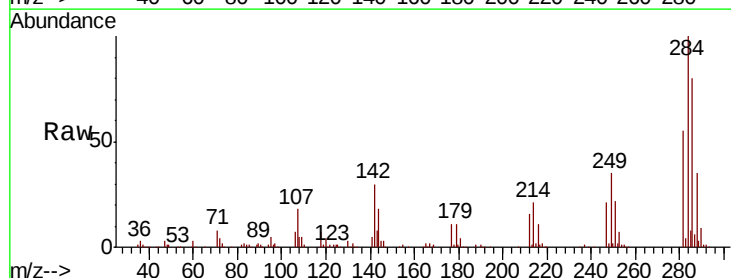
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.734 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	27.0	40.6
249	34.9	28.4	42.6

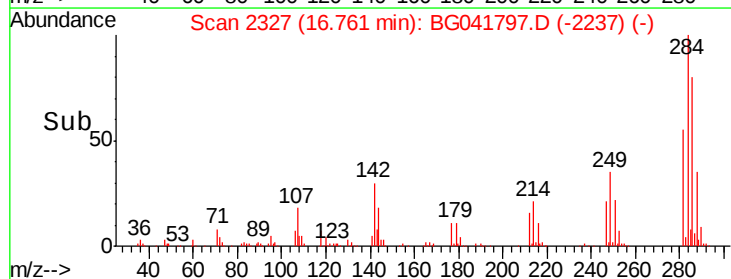
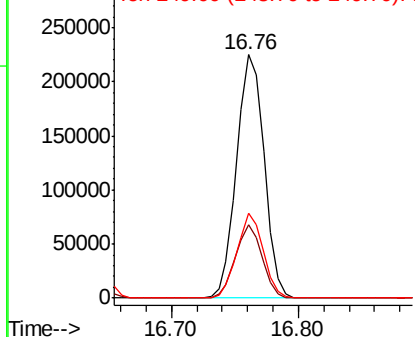


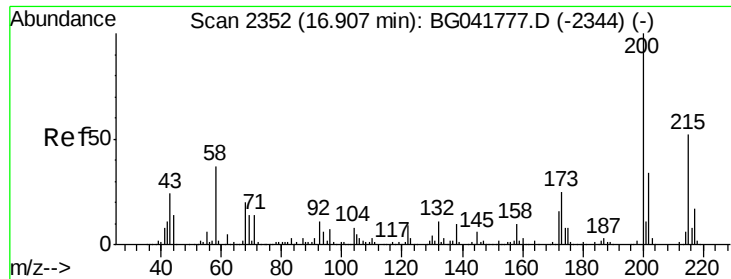
Abundance

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





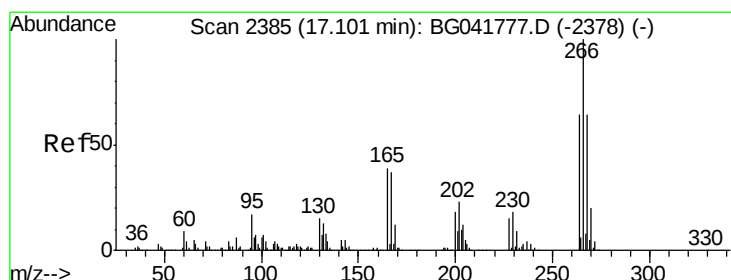
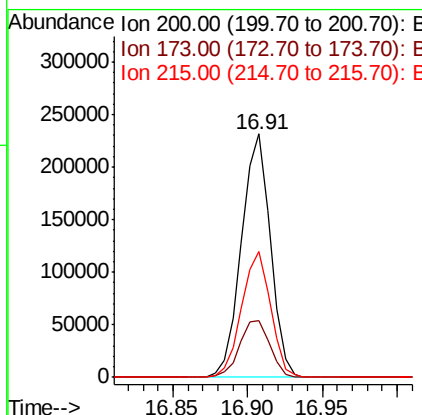
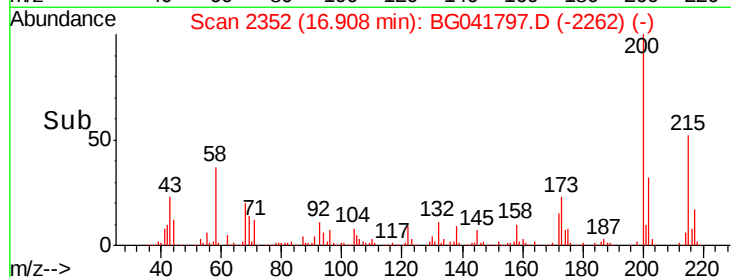
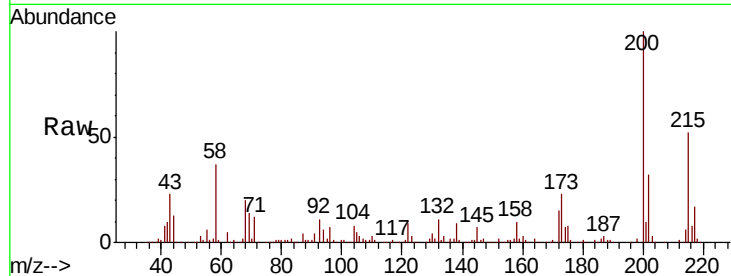
#69
Atrazine
Concen: 44.002 ng
RT: 16.91 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	311643		
173	23.3	5.3	45.3	
215	51.8	31.8	71.8	

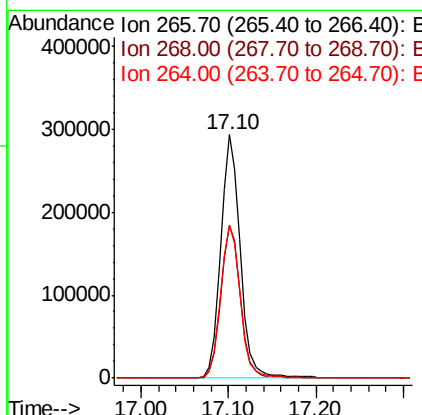
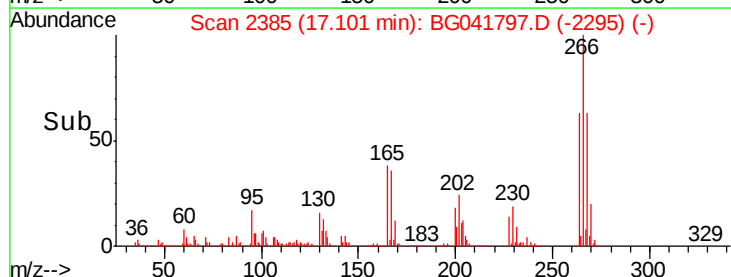
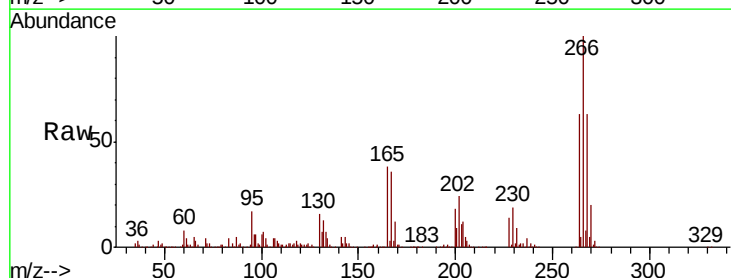
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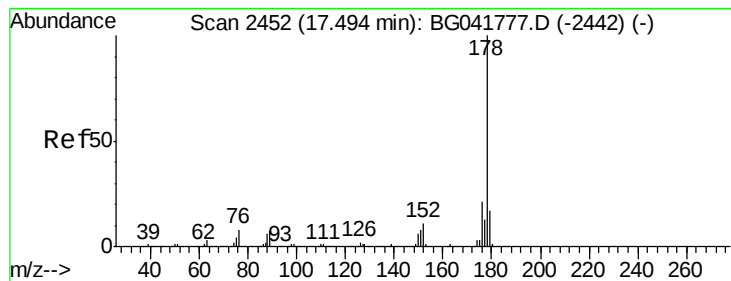
mohammad
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#70
Pentachlorophenol
Concen: 93.717 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	454019		
268	62.9	52.9	79.3	
264	62.5	51.4	77.2	





#71

Phenanthrene

Concen: 42.324 ng

RT: 17.50 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

Tot Ion:178 Resp: 1342523

Ion Ratio Lower Upper

178 100

176 21.5 18.6 28.0

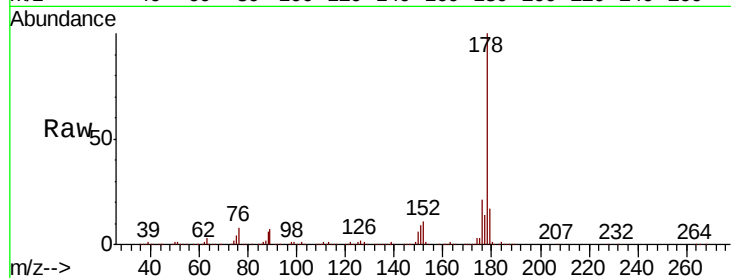
179 17.5 15.4 23.0

Manual Integrations

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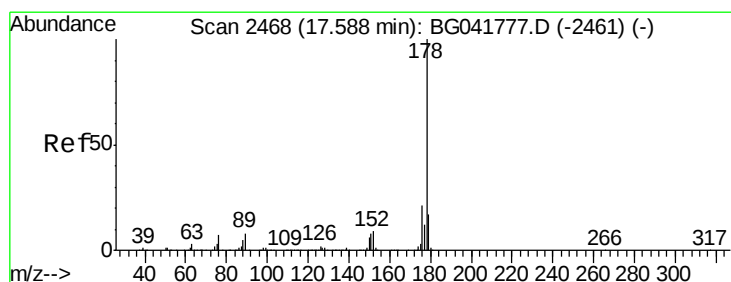
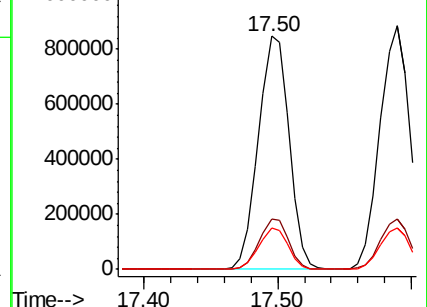
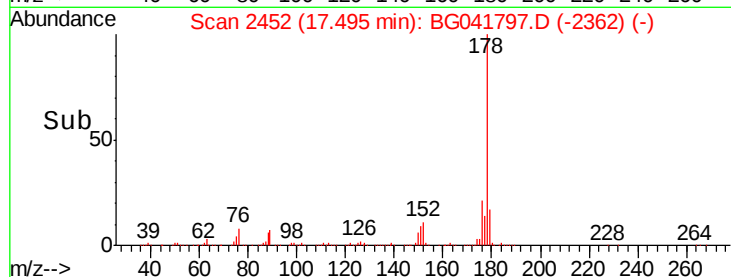
8/1/2019 5:04:47 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.675 ng

RT: 17.59 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

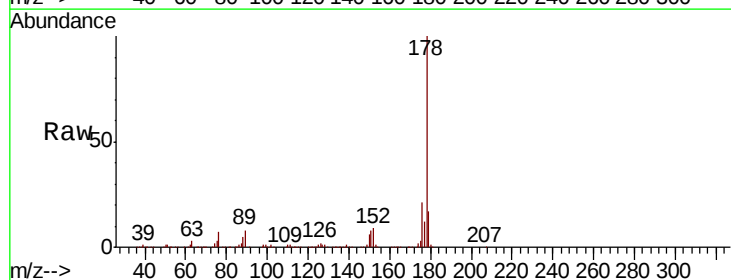
Tgt Ion:178 Resp: 1381687

Ion Ratio Lower Upper

178 100

176 20.5 18.6 28.0

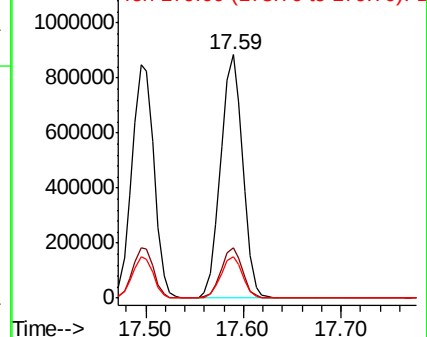
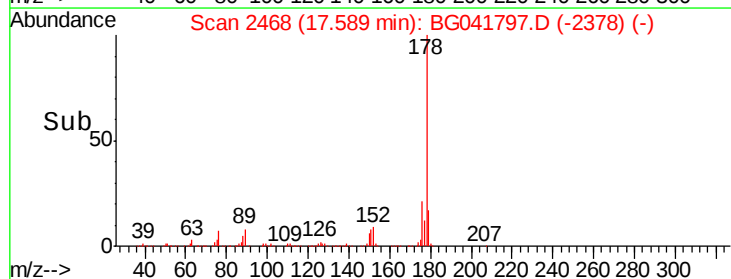
179 17.2 15.1 22.7

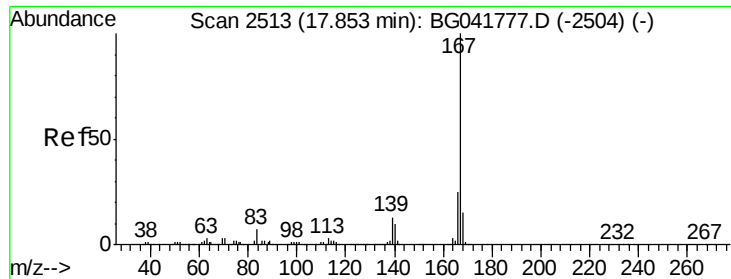


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





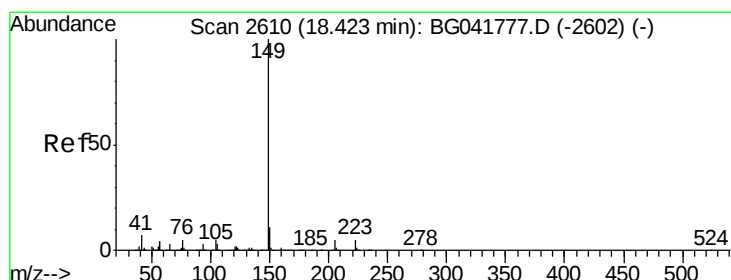
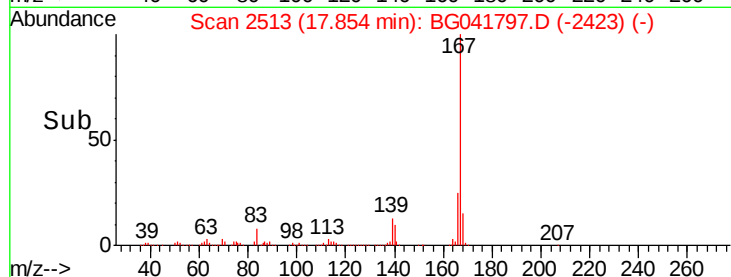
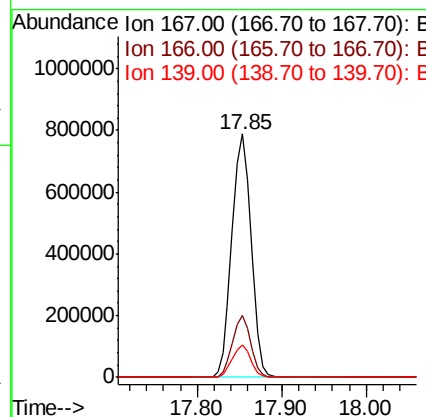
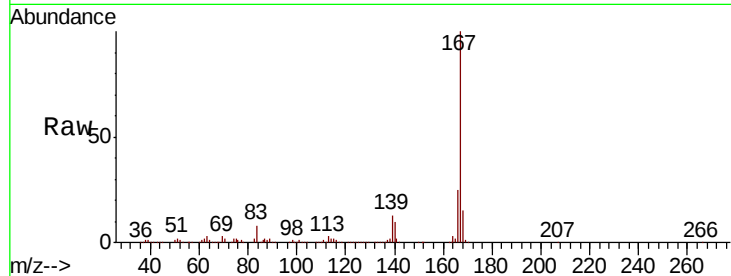
#73
 Carbazole
 Concen: 43.641 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.2	21.4	32.2
139	13.2	12.1	18.1

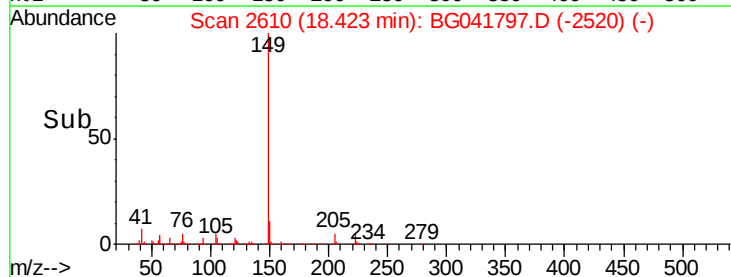
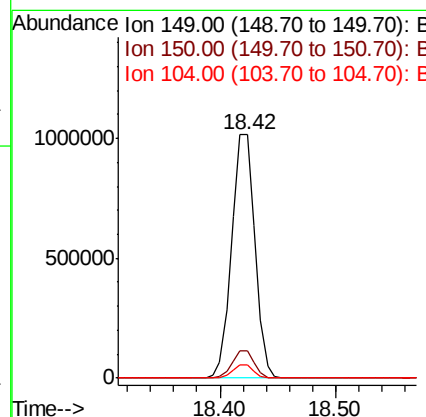
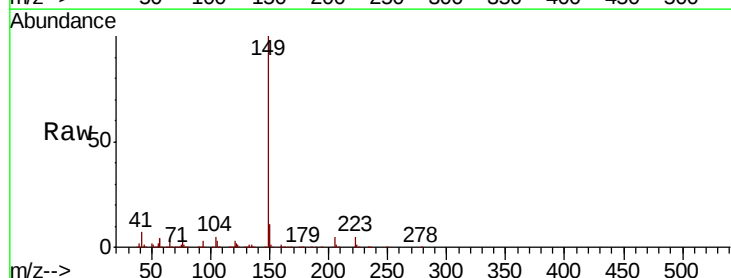
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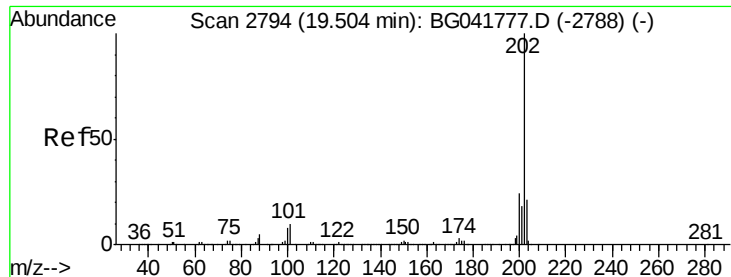
mohammad
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#74
 Di-n-butylphthalate
 Concen: 44.110 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	10.2	15.2
104	5.3	5.3	7.9





#75

Fluoranthene

Concen: 43.504 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

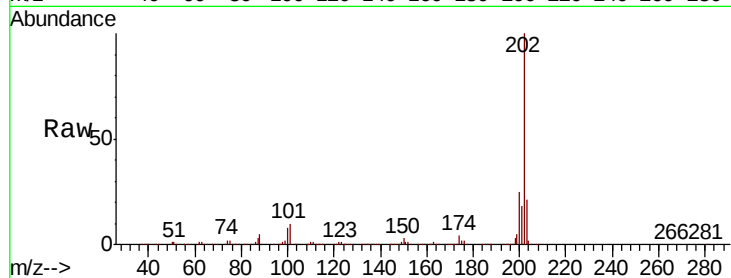
ClientSampleId :

PB121767BSD

Tot Ion:	202	Resp:	1677358
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	32.8
203	21.3	3.7	43.7

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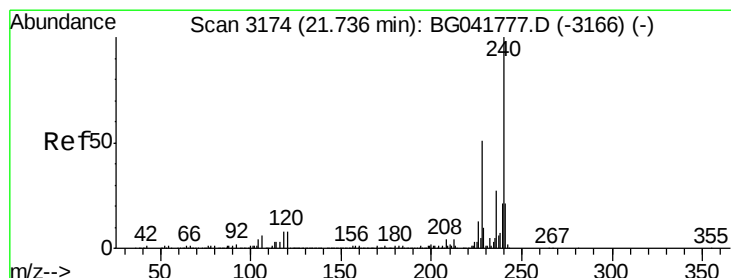
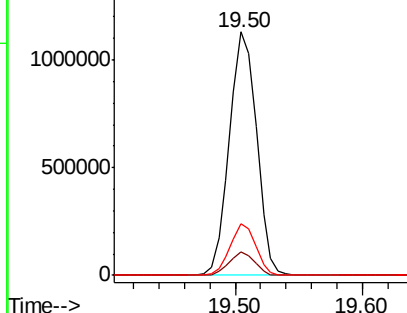
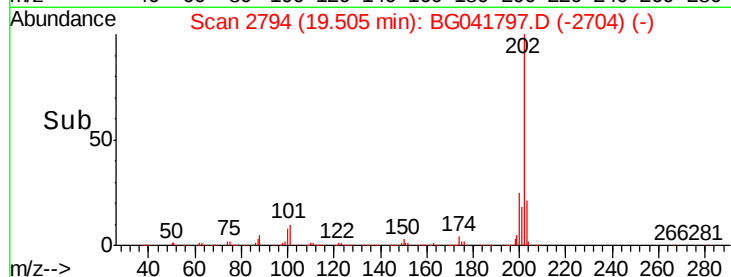


Abundance

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

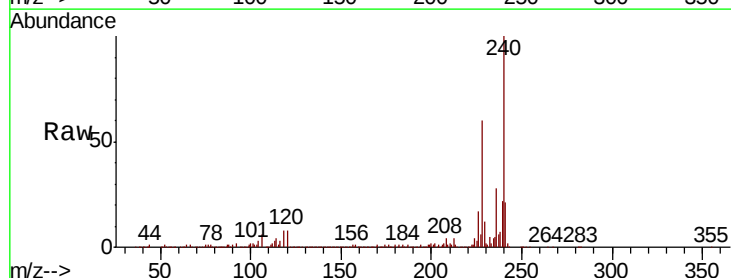
RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tgt Ion:	240	Resp:	654656
Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.0	12.0#
236	27.7	22.6	33.8

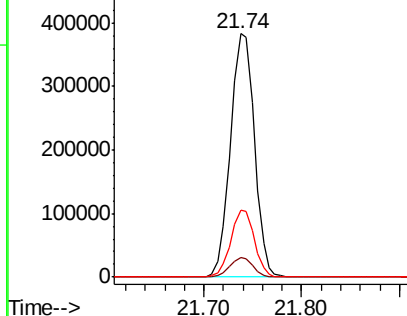
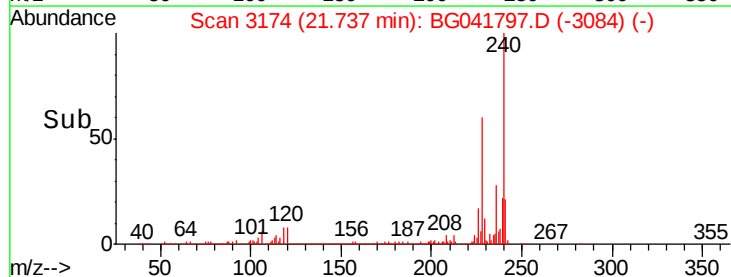


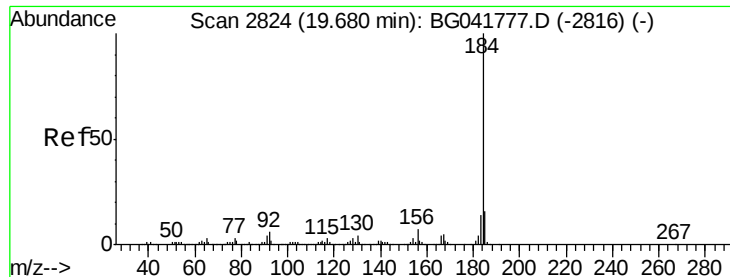
Abundance

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





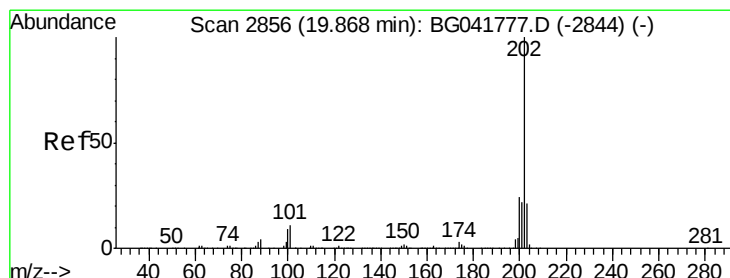
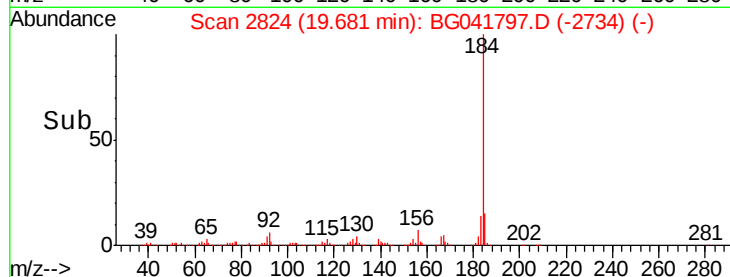
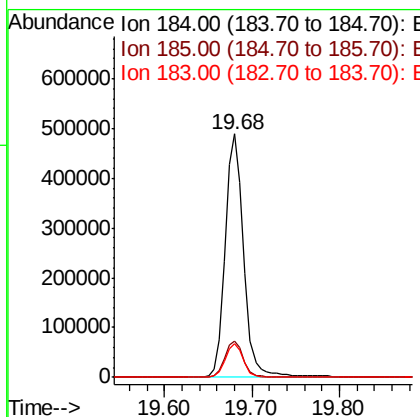
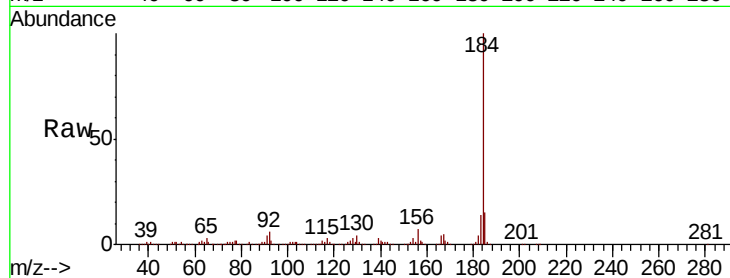
#77
Benzidine
Concen: 33.526 ng
RT: 19.68 min Scan# 2824
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.0	19.4
183	14.0	11.8	17.6

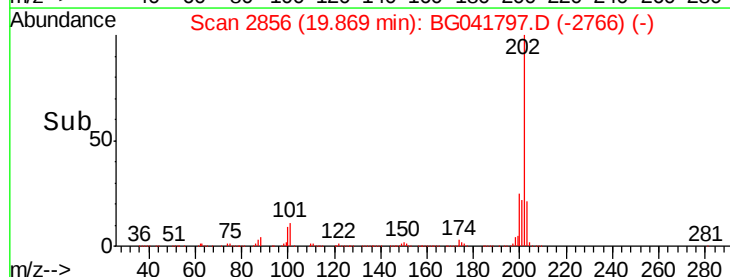
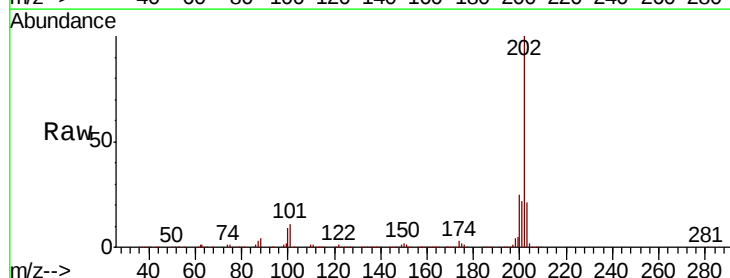
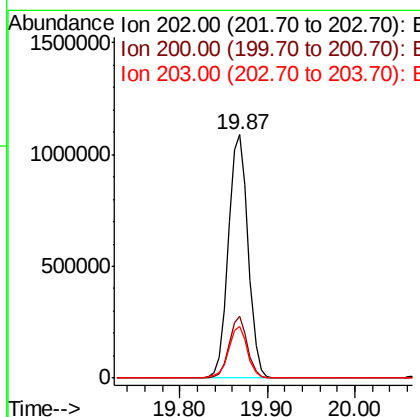
Manual Integrations
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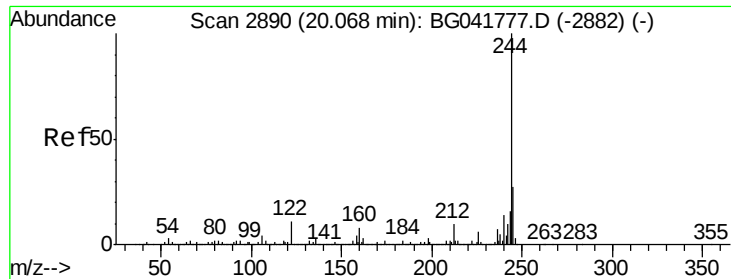
mohammad
8/1/2019 5:04:47 PM



#78
Pyrene
Concen: 43.165 ng
RT: 19.87 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.3	22.2	33.2
203	21.2	18.9	28.3





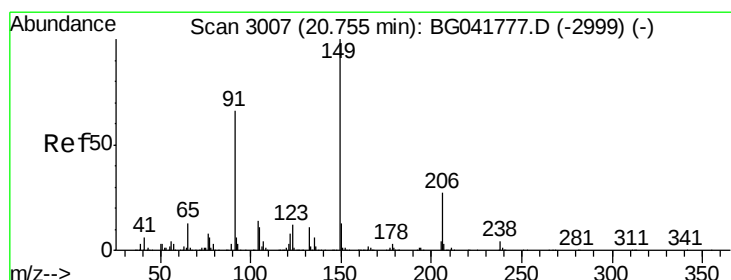
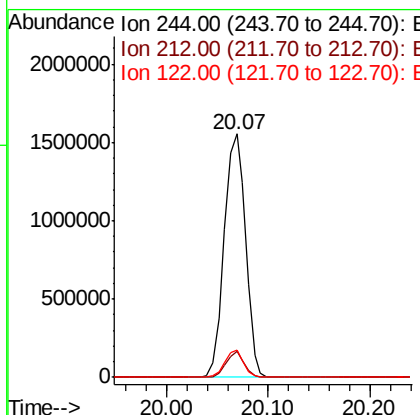
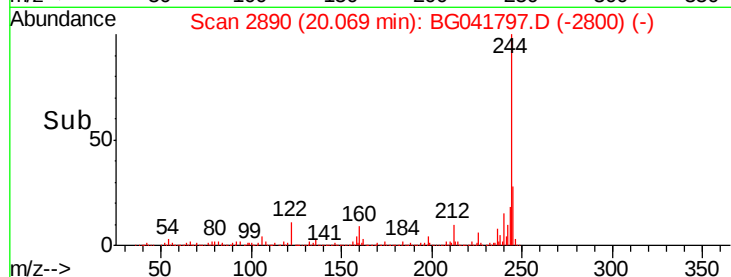
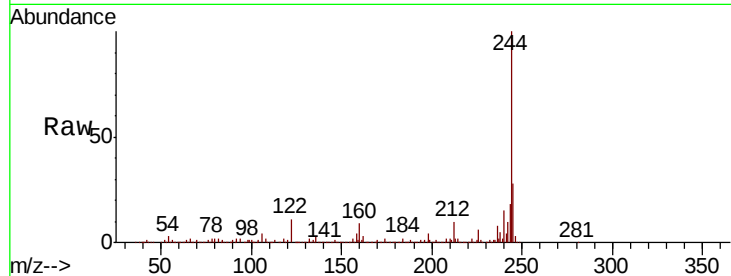
#79
 Terphenyl-d14
 Concen: 79.470 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.4	9.7	14.5
122	11.2	12.5	18.7

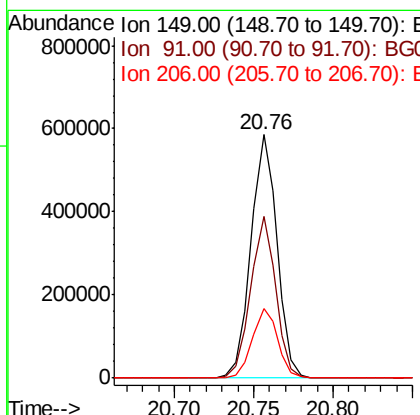
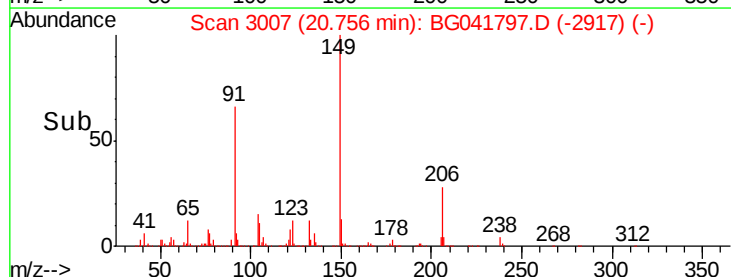
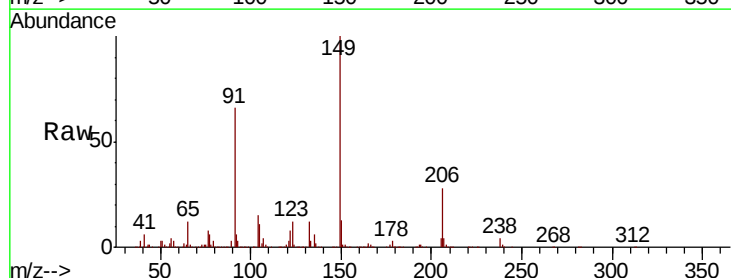
Manual Integrations
 APPROVED

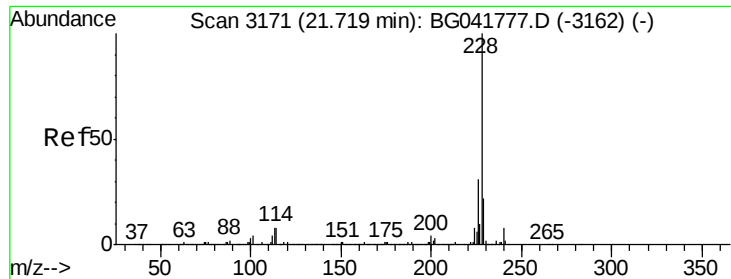
mohammad
 8/1/2019 5:04:47 PM



#80
 Butylbenzylphthalate
 Concen: 44.905 ng
 RT: 20.76 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.3	58.9	88.3
206	28.4	20.8	31.2





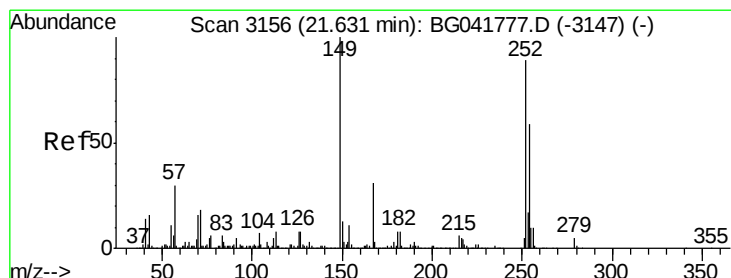
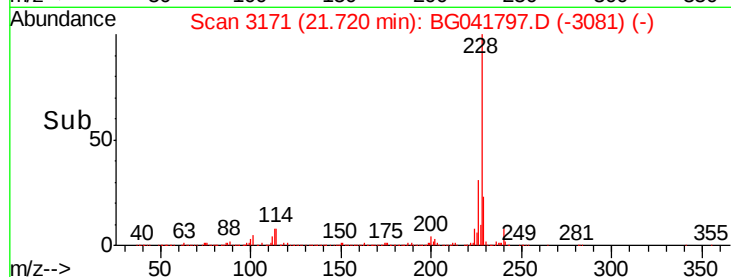
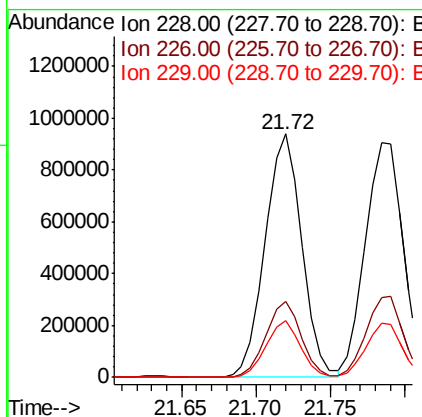
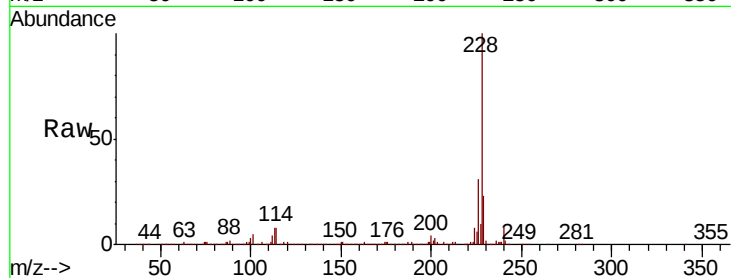
#81
Benzo(a)anthracene
Concen: 41.499 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion:228 Resp: 1607369
Ion Ratio Lower Upper
228 100
226 31.4 27.3 40.9
229 23.3 19.7 29.5

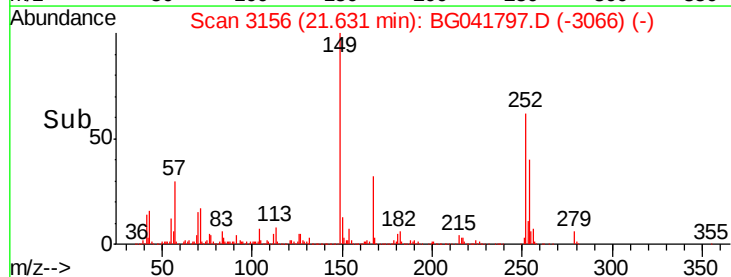
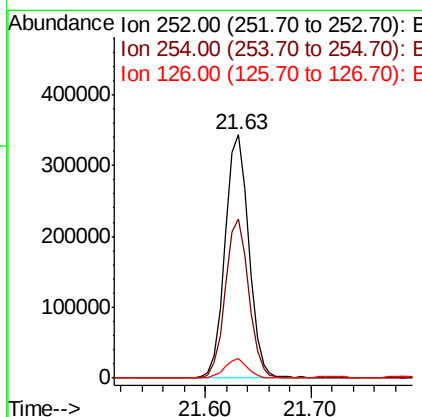
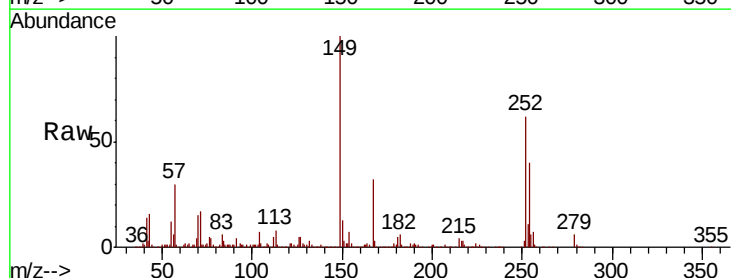
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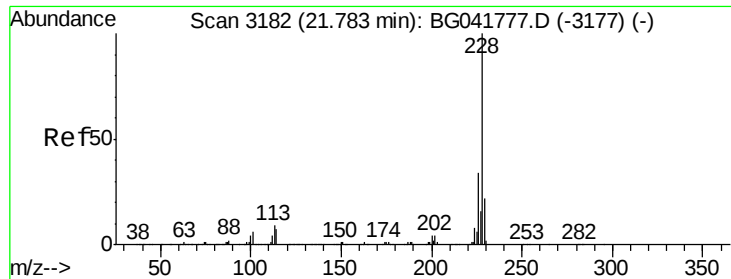
mohammad
8/1/2019 5:04:47 PM



#82
3,3'-Dichlorobenzidine
Concen: 34.375 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion:252 Resp: 534567
Ion Ratio Lower Upper
252 100
254 65.3 53.8 80.6
126 7.8 7.8 11.8





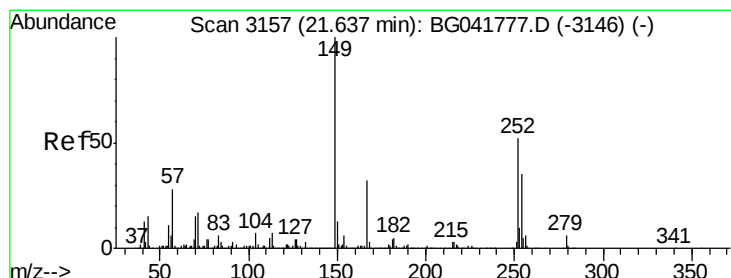
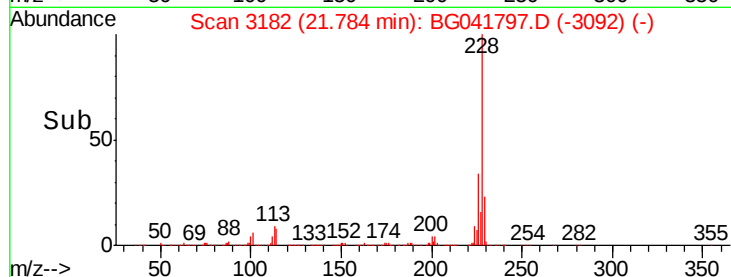
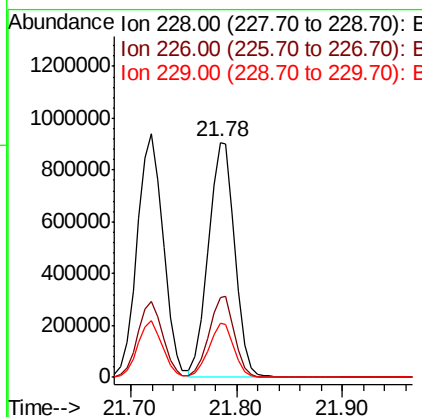
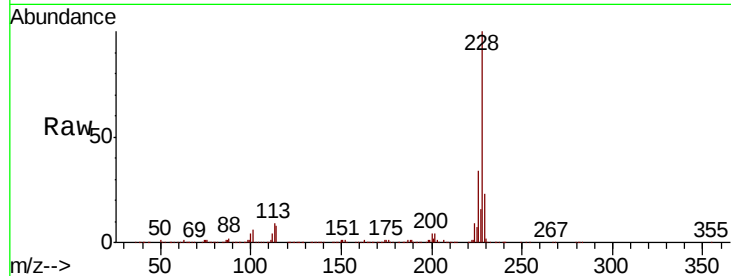
#83
Chrysene
Concen: 42.619 ng
RT: 21.78 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	30.1	45.1
229	23.1	19.8	29.6

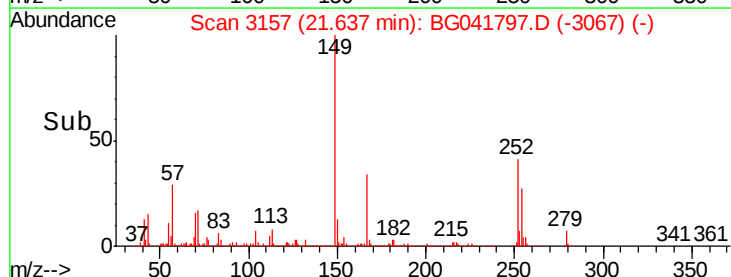
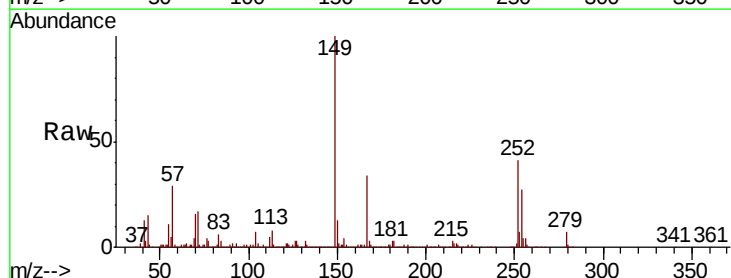
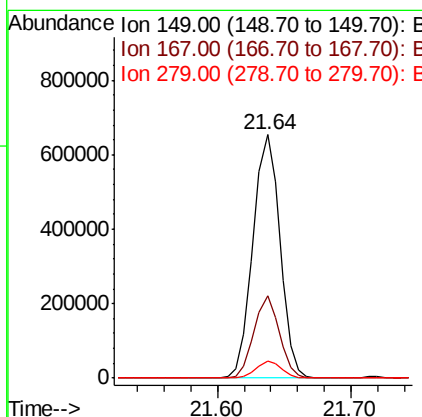
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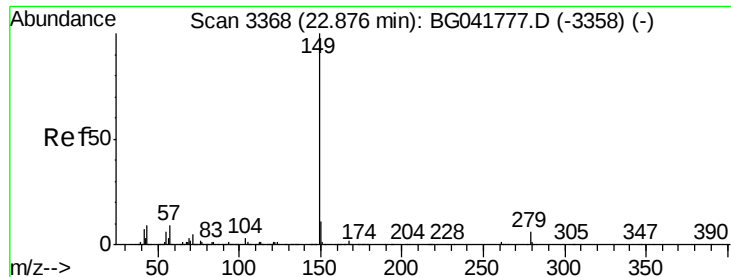
mohammad
8/1/2019 5:04:47 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.388 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.6	27.0	40.4
279	6.9	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 45.323 ng

RT: 22.88 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

Tot Ion:149 Resp: 1564694

Ion Ratio Lower Upper

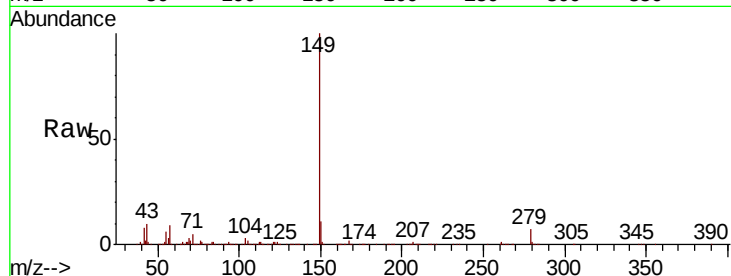
149 100

167 1.9 1.6 2.4

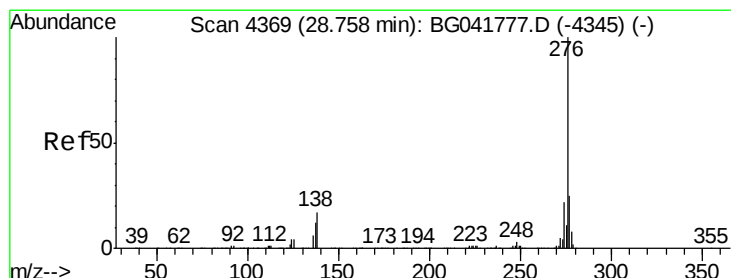
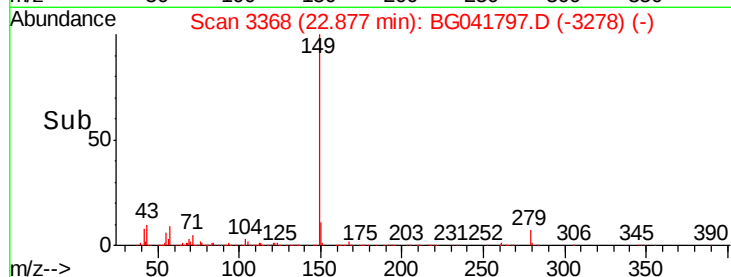
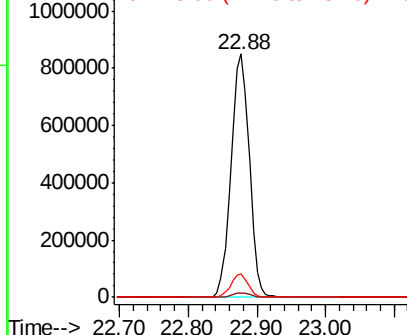
43 9.2 10.6 16.0#

Manual Integrations
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mohammad
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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: 42.728 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

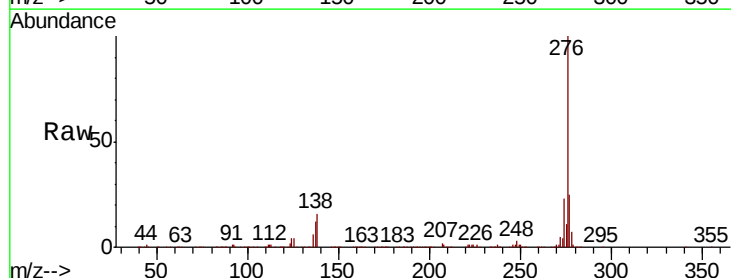
Tgt Ion:276 Resp: 2100032

Ion Ratio Lower Upper

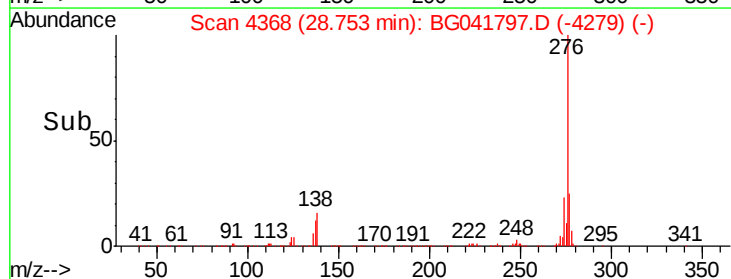
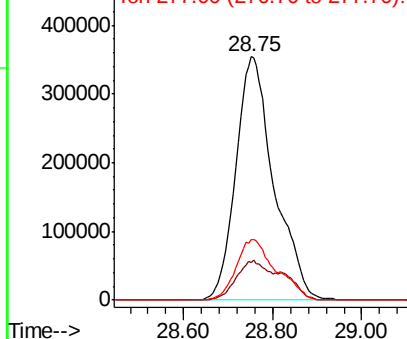
276 100

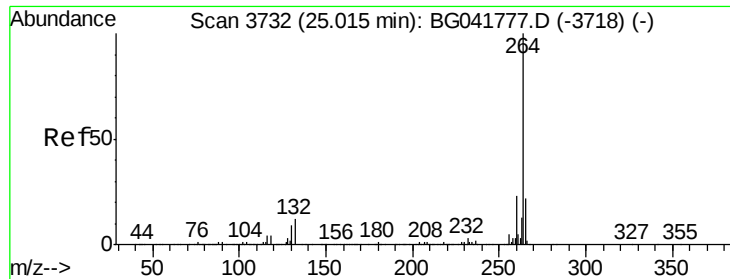
138 14.6 19.4 29.0#

277 26.3 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





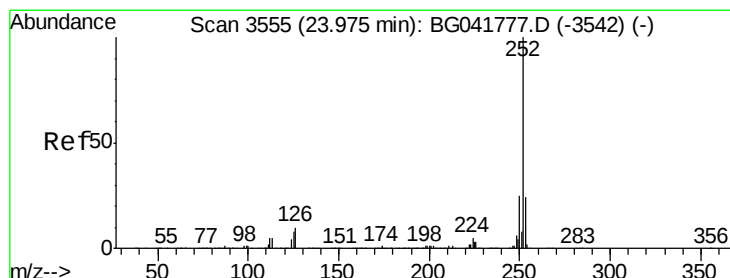
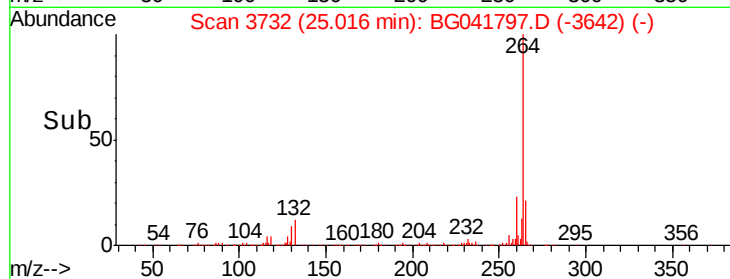
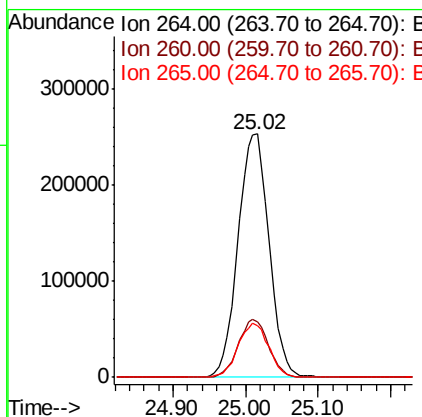
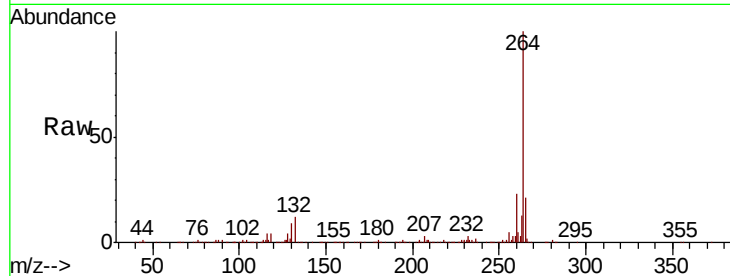
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.3	18.0	27.0

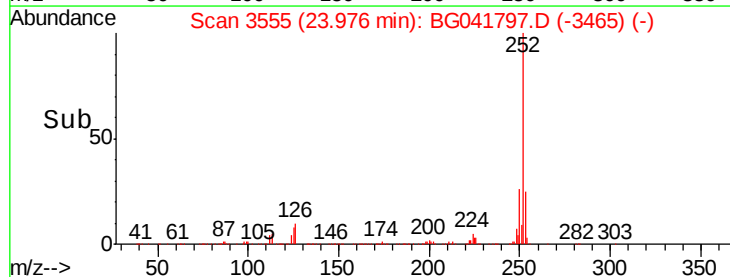
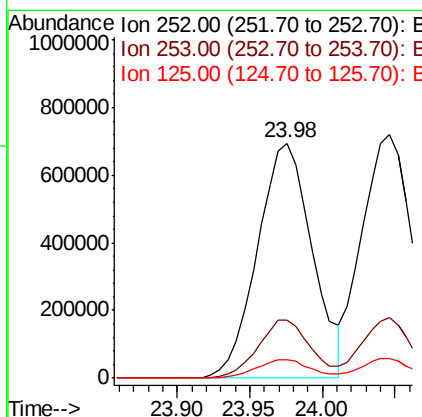
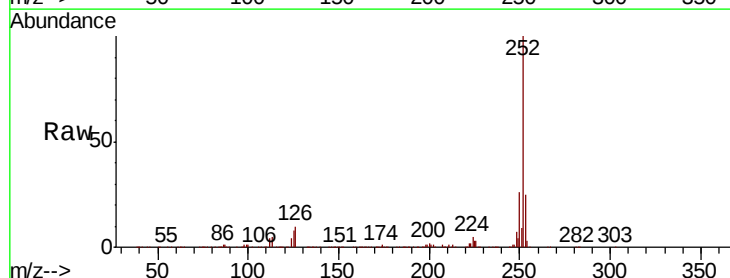
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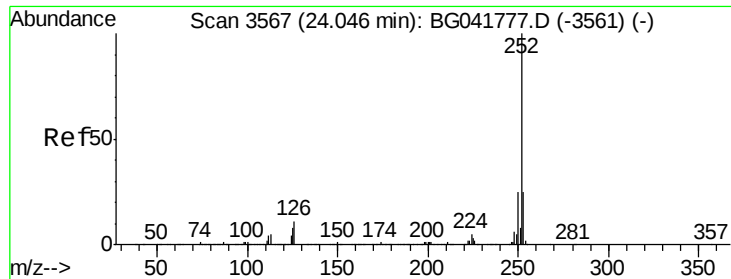
mohammad
8/1/2019 5:04:47 PM



#88
Benzo(b)fluoranthene
Concen: 44.647 ng m
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.6	30.8
125	7.6	8.0	12.0#





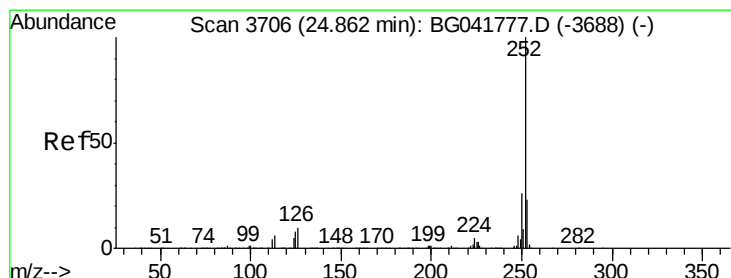
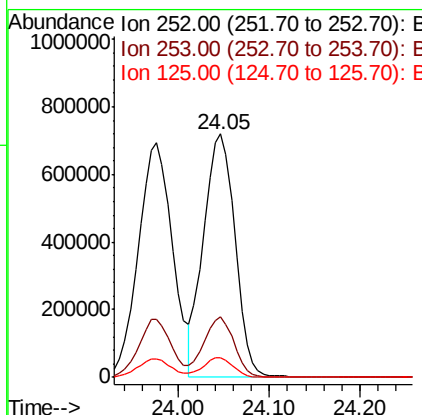
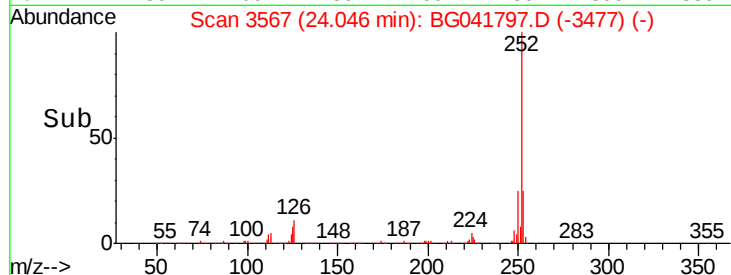
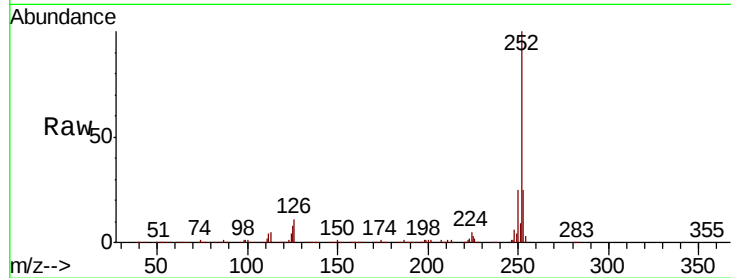
#89
Benzo(k)fluoranthene
Concen: 43.328 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.5	30.7
125	8.1	8.4	12.6

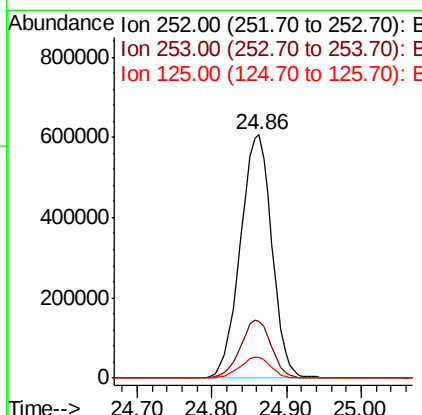
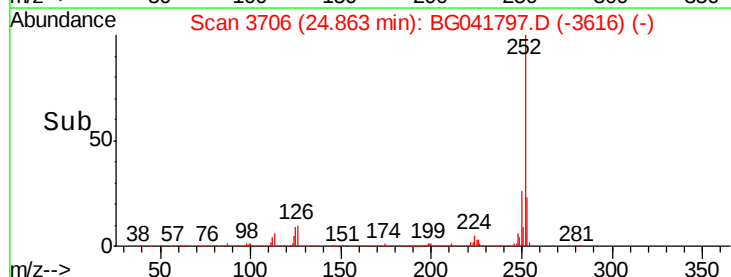
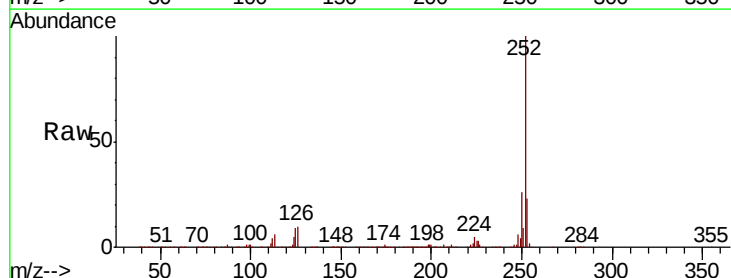
Manual Integrations
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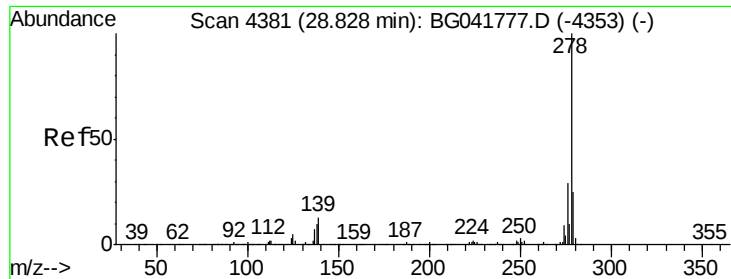
mohammad
8/1/2019 5:04:47 PM



#90
Benzo(a)pyrene
Concen: 45.123 ng
RT: 24.86 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.8	29.8
125	8.6	8.8	13.2





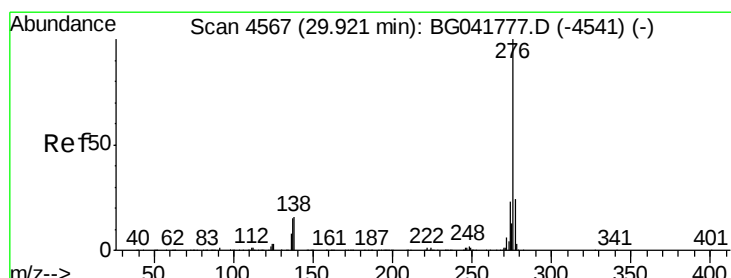
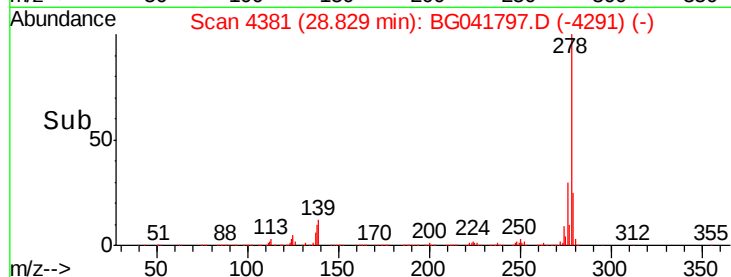
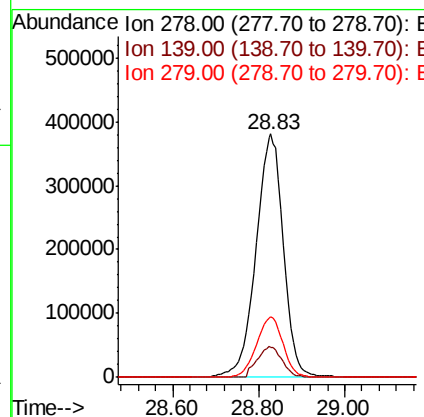
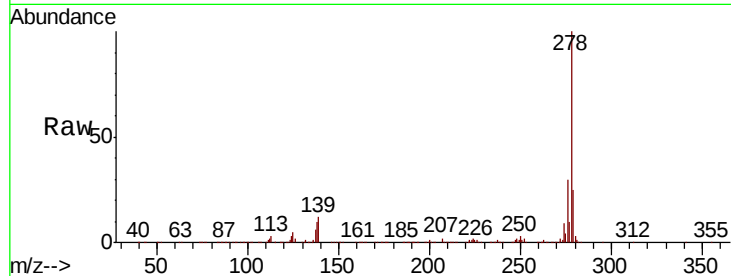
#91
Dibenzo(a,h)anthracene
Concen: 44.581 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	12.6	19.0#
279	24.8	20.5	30.7

Manual Integrations
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mohammad
8/1/2019 5:04:47 PM



#92
Benzo(g,h,i)perylene
Concen: 45.435 ng
RT: 29.92 min Scan# 4567
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	17.4	16.6	25.0

