

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041686.D
 Acq On : 17 Jul 2019 12:49
 Operator : HP/JU
 Sample : PB121423BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Manual Integrations
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mohammad
 7/19/2019 2:24:42 PM

Quant Time: Jul 18 07:18:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91813	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	360244	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	232365	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	559482	20.00	ng	0.00
76) Chrysene-d12	21.66	240	539693	20.00	ng	0.00
87) Perylene-d12	24.85	264	560033	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	743978	132.47	ng	0.00
7) Phenol-d6	7.20	99	968383	128.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	570502	96.31	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	392894	150.03	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1378744	91.88	ng	0.00
79) Terphenyl-d14	20.00	244	2101961	91.02	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	106712	40.005 ng	98
3) Pyridine	3.89	79	264461	37.142 ng	97
4) n-Nitrosodimethylamine	3.80	42	132529	40.304 ng	94
6) Aniline	7.37	93	327046	32.212 ng	98
8) 2-Chlorophenol	7.61	128	283505	44.589 ng	98
9) Benzaldehyde	7.18	77	205876	46.027 ng	93
10) Phenol	7.23	94	350987	44.100 ng	99
11) bis(2-Chloroethyl)ether	7.47	93	262353	40.815 ng	98
12) 1,3-Dichlorobenzene	7.94	146	313362	41.304 ng	99
13) 1,4-Dichlorobenzene	8.08	146	318694	41.946 ng	97
14) 1,2-Dichlorobenzene	8.41	146	297579	41.542 ng	96
15) Benzyl Alcohol	8.28	79	248732	41.358 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	517384	38.844 ng	98
17) 2-Methylphenol	8.48	107	246609	44.805 ng	99
18) Hexachloroethane	9.14	117	114096	41.000 ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	220496	39.934 ng	98
20) 3+4-Methylphenols	8.81	107	339036	44.949 ng	98
22) Acetophenone	8.86	105	400706	45.670 ng	# 97
24) Nitrobenzene	9.25	77	303053	46.898 ng	99
25) Isophorone	9.78	82	574914	44.323 ng	99
26) 2-Nitrophenol	9.96	139	148813	49.987 ng	98
27) 2,4-Dimethylphenol	10.02	122	276751	53.925 ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	358117	44.796 ng	100
29) 2,4-Dichlorophenol	10.50	162	291383	49.798 ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	311231	45.300 ng	99
31) Naphthalene	10.90	128	821541	46.322 ng	98
32) Benzoic acid	10.14	122	192902	49.322 ng	98
33) 4-Chloroaniline	11.00	127	229260	28.024 ng	98
34) Hexachlorobutadiene	11.20	225	193947	43.921 ng	98
35) Caprolactam	11.76	113	104813m	48.734 ng	
36) 4-Chloro-3-methylphenol	12.11	107	299752	48.900 ng	99
37) 2-Methylnaphthalene	12.51	142	630639	46.542 ng	100
38) 1-Methylnaphthalene	12.72	142	600036	46.450 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	356169	44.748 ng	99

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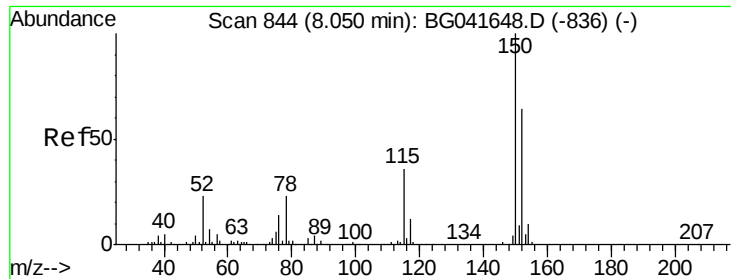
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	398645	88.540	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	252785	48.879	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	267780	49.144	nq	98
46) 1,1'-Biphenyl	13.51	154	793665	45.591	nq	98
47) 2-Chloronaphthalene	13.55	162	639225	44.059	nq	97
48) 2-Nitroaniline	13.74	65	203129	48.087	nq	99
49) Acenaphthylene	14.39	152	1022406	45.141	nq	98
50) Dimethylphthalate	14.12	163	832015	45.591	nq	99
51) 2,6-Dinitrotoluene	14.23	165	195208	50.429	nq	95
52) Acenaphthene	14.73	154	704098	49.330	nq	99
53) 3-Nitroaniline	14.55	138	139772	33.077	nq #	93
54) 2,4-Dinitrophenol	14.76	184	203118	101.523	nq	96
55) Dibenzofuran	15.06	168	984171	45.950	nq	98
56) 4-Nitrophenol	14.86	139	380936	111.347	nq	97
57) 2,4-Dinitrotoluene	15.02	165	267750	52.326	nq	97
58) Fluorene	15.71	166	794862	45.609	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	254648	50.622	nq	99
60) Diethylphthalate	15.48	149	835980	45.471	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	448173	45.494	nq	98
62) 4-Nitroaniline	15.72	138	209283	46.698	nq	99
63) Azobenzene	16.00	77	746272	44.898	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	141758	52.626	nq	97
66) n-Nitrosodiphenylamine	15.92	169	749786	45.635	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	298966	44.909	nq	99
68) Hexachlorobenzene	16.71	284	300144	44.773	nq	96
69) Atrazine	16.86	200	281797	47.262	nq	99
70) Pentachlorophenol	17.05	266	418166	99.764	nq	98
71) Phenanthrene	17.44	178	1294655	45.949	nq	97
72) Anthracene	17.54	178	1321511	47.053	nq	97
73) Carbazole	17.80	167	1219971	46.837	nq	97
74) Di-n-butylphthalate	18.37	149	1426825	44.913	nq	96
75) Fluoranthene	19.45	202	1596702	46.151	nq	95
77) Benzidine	19.62	184	810722	43.630	nq	99
78) Pyrene	19.80	202	1604461	43.957	nq	95
80) Butylbenzylphthalate	20.69	149	681832	44.953	nq	97
81) Benzo(a)anthracene	21.63	228	1545774	44.330	nq	97
82) 3,3'-Dichlorobenzidine	21.54	252	511122	37.249	nq	96
83) Chrysene	21.70	228	1515280	45.477	nq	96
84) Bis(2-ethylhexyl)phthalate	21.56	149	956206	44.650	nq	98
85) Di-n-octyl phthalate	22.77	149	1645144	45.109	nq	97
86) Indeno(1,2,3-cd)pyrene	28.49	276	1957254	44.519	nq #	92
88) Benzo(b)fluoranthene	23.84	252	1706442	50.234	nq	98
89) Benzo(k)fluoranthene	23.91	252	1637540	52.023	nq	98
90) Benzo(a)pyrene	24.70	252	1674560	52.101	nq	99
91) Dibenzo(a,h)anthracene	28.57	278	1598166	51.284	nq	100
92) Benzo(g,h,i)perylene	29.63	276	1612602	51.637	nq	98

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



#1

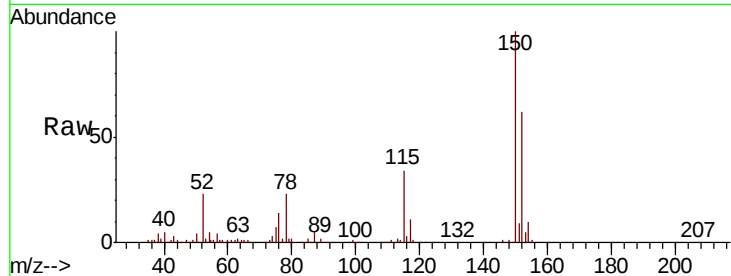
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.9	190.3
115	54.8	45.0	67.6

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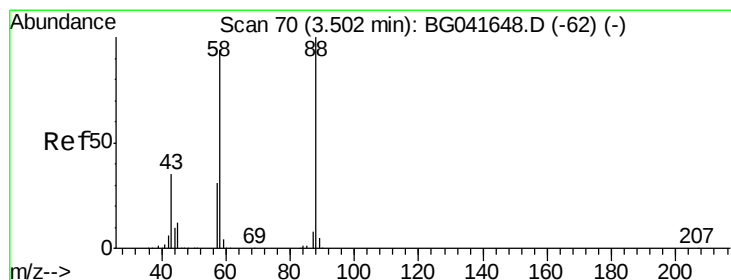
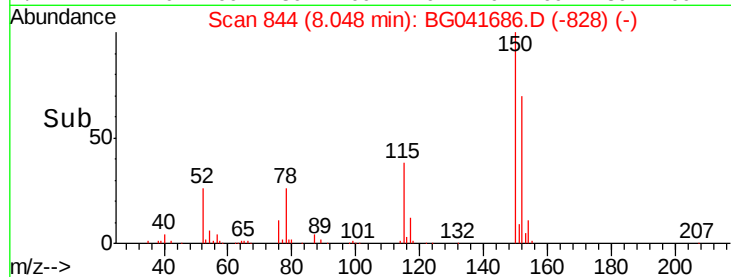
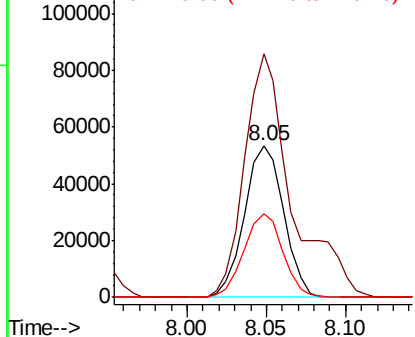


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

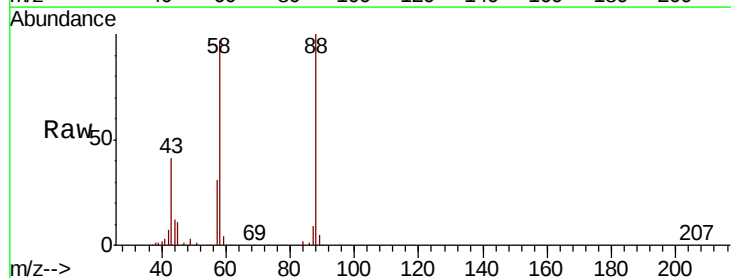
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.005 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.5	76.2	114.2
43	35.7	27.2	40.8

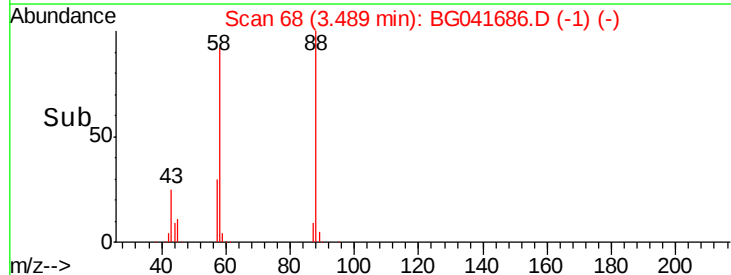
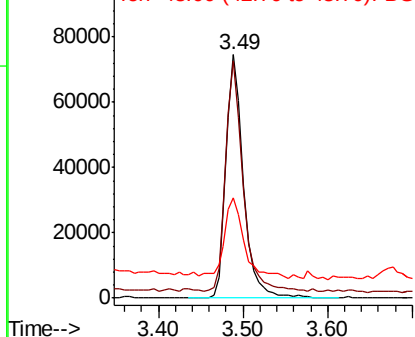


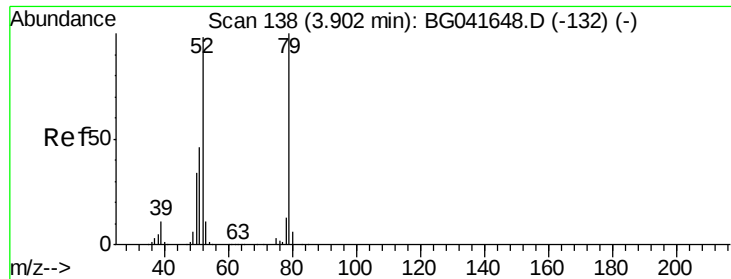
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.142 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

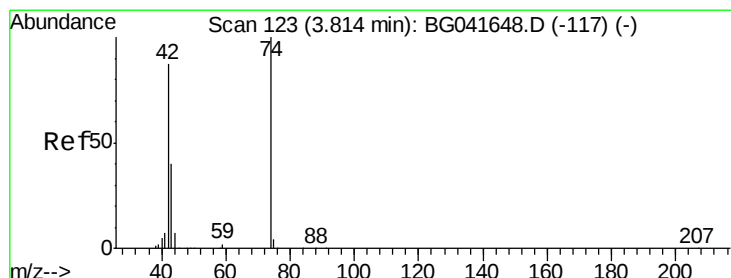
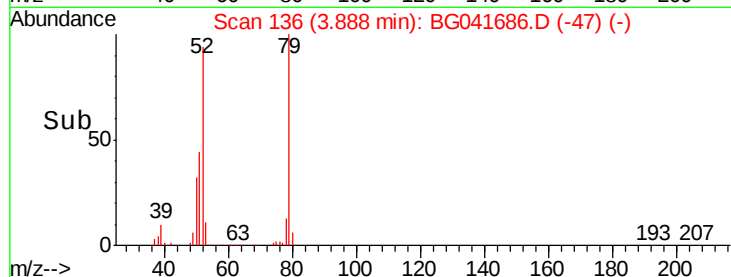
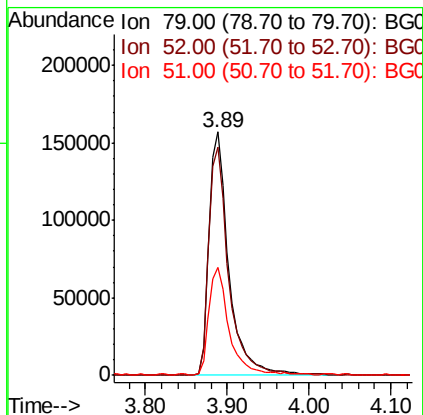
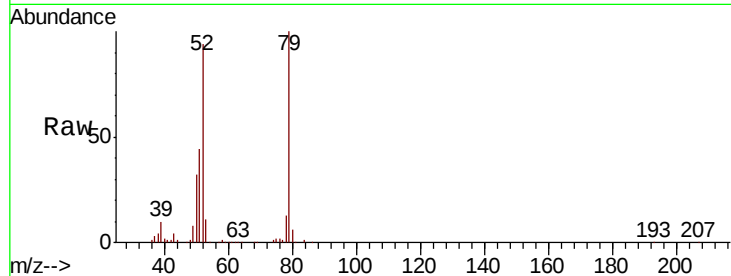
ClientSampleId :

PB121423BS

Tot Ion:	79	Resp:	264461
Ion	Ratio	Lower	Upper
79	100		
52	93.9	77.1	115.7
51	44.5	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 40.304 ng

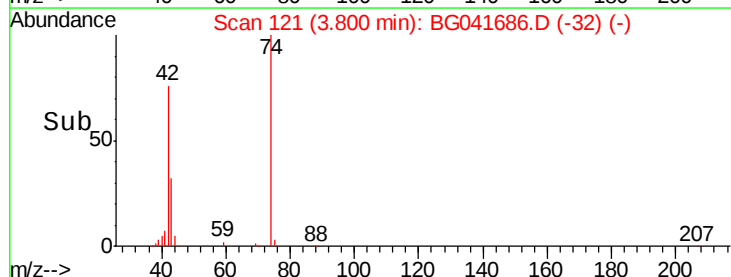
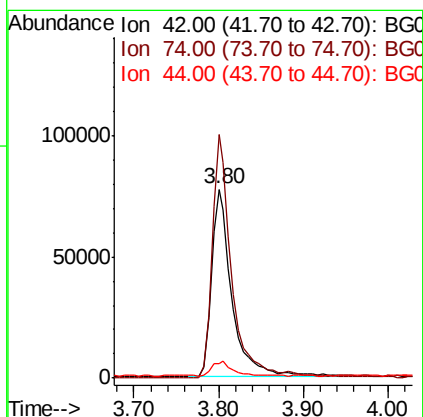
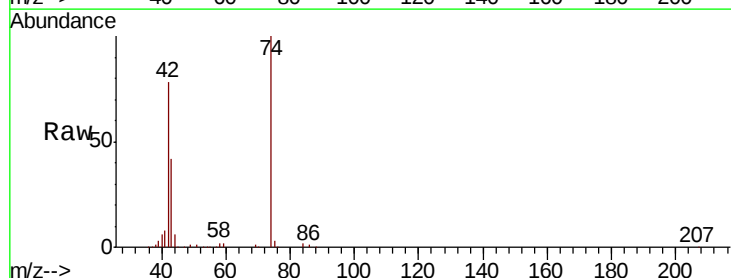
RT: 3.80 min Scan# 121

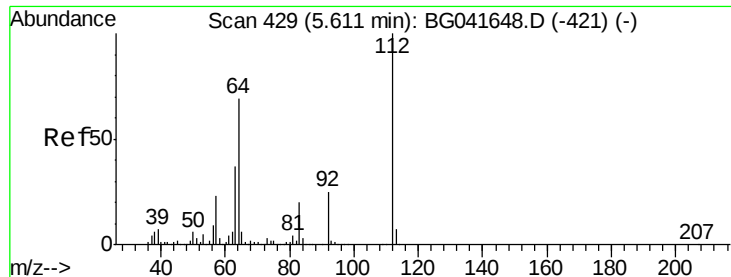
Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion:	42	Resp:	132529
Ion	Ratio	Lower	Upper
42	100		
74	129.0	97.4	146.2
44	7.6	6.6	9.8





#5

2-Fluorophenol

Concen: 132.467 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

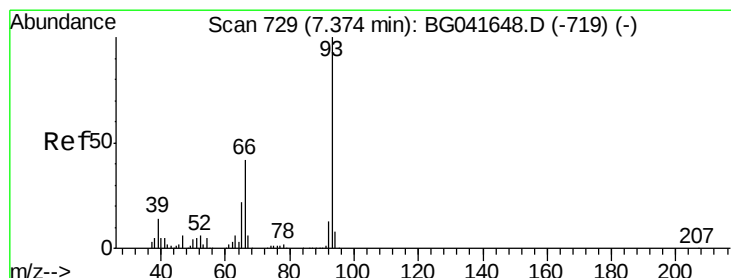
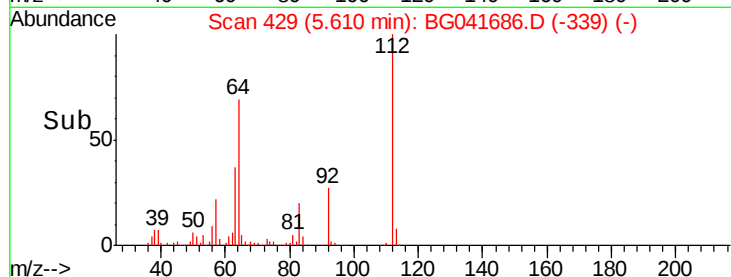
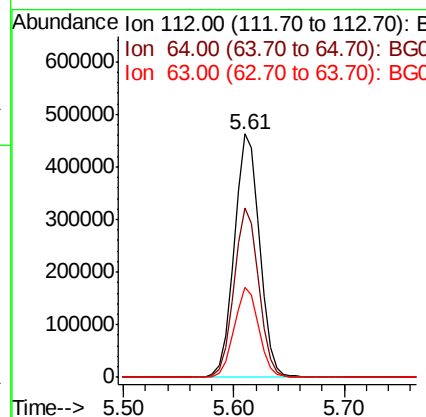
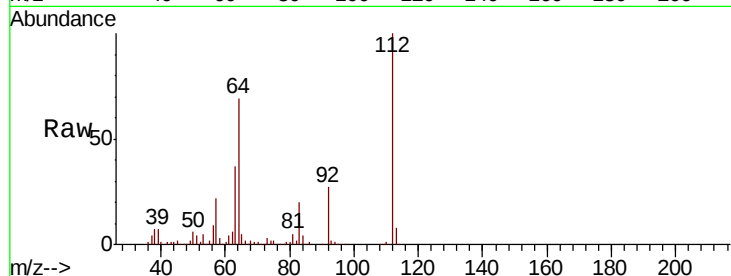
ClientSampleId :

PB121423BS

Tot Ion:	112	Resp:	743978
Ion Ratio	Lower	Upper	
112	100		
64	69.3	55.4	83.2
63	36.8	29.1	43.7

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#6

Aniline

Concen: 32.212 ng

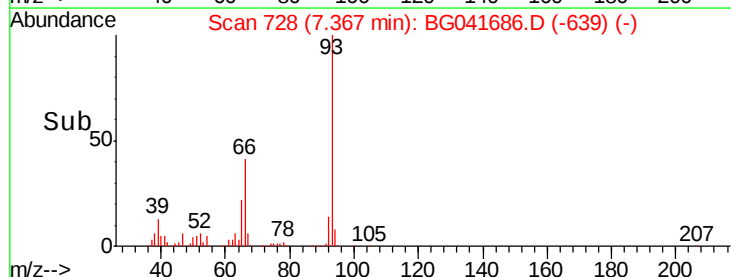
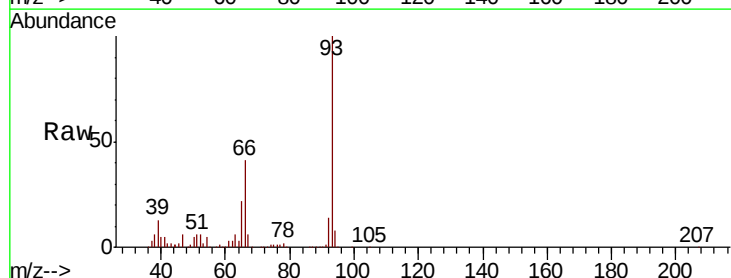
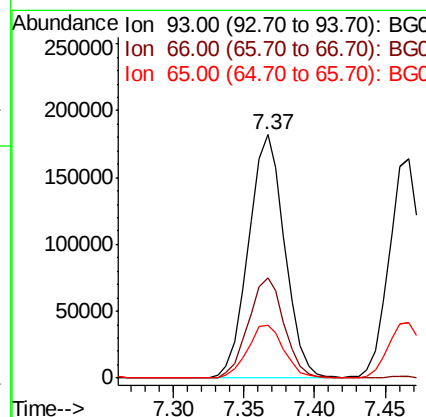
RT: 7.37 min Scan# 728

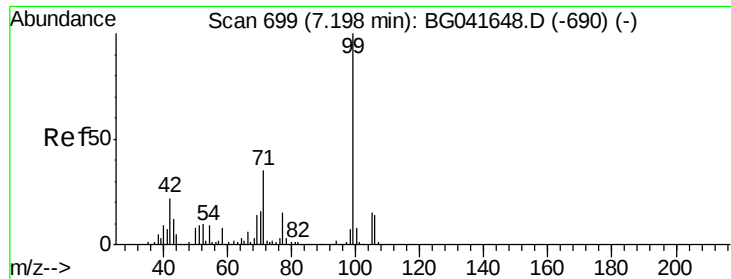
Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion:	93	Resp:	327046
Ion Ratio	Lower	Upper	
93	100		
66	41.1	34.2	51.2
65	21.7	18.2	27.2





#7

Phenol-d6

Concen: 128.191 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

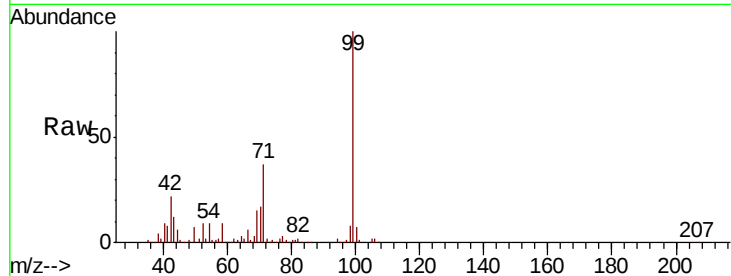
ClientSampleId :

PB121423BS

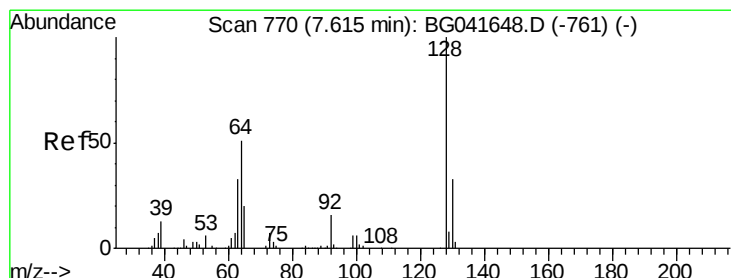
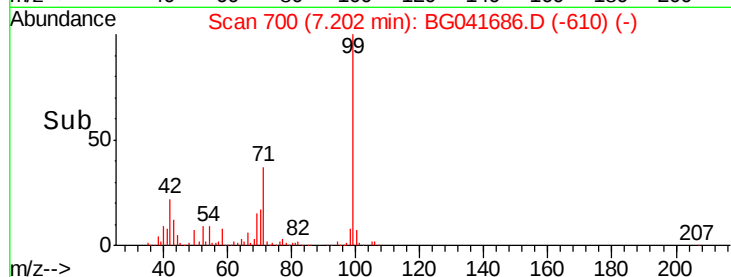
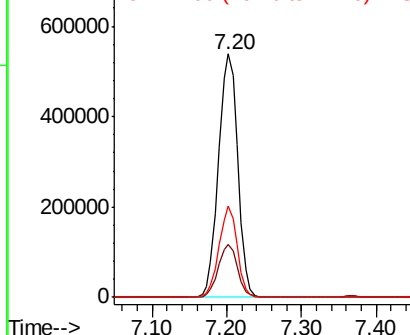
Tot Ion:	99	Resp:	968383
Ion Ratio	Lower	Upper	
99	100		
42	21.9	17.6	26.4
71	37.4	27.8	41.6

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.589 ng

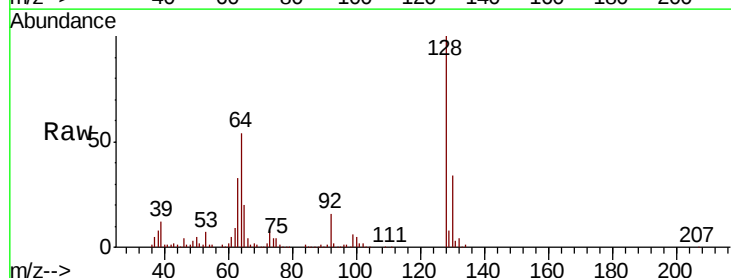
RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

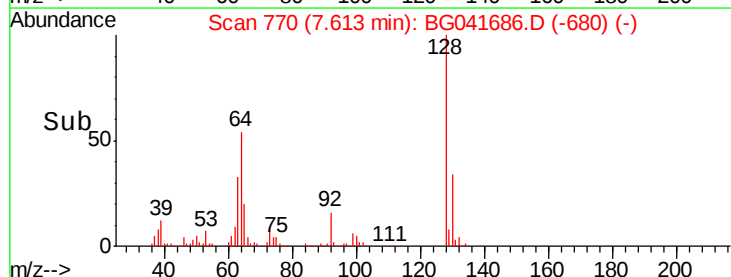
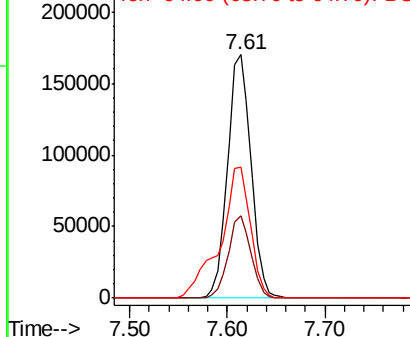
Lab File: BG041686.D

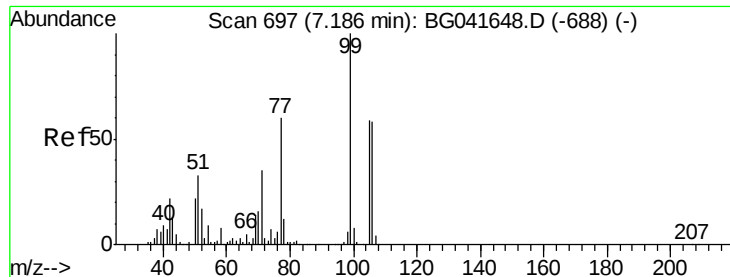
Acq: 17 Jul 2019 12:49

Tgt Ion:	128	Resp:	283505
Ion Ratio	Lower	Upper	
128	100		
130	33.8	12.4	52.4
64	53.8	34.9	74.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 46.027 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

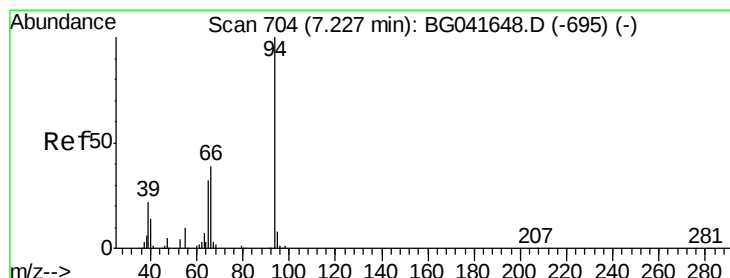
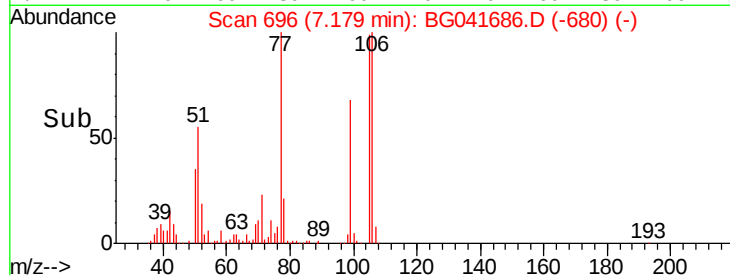
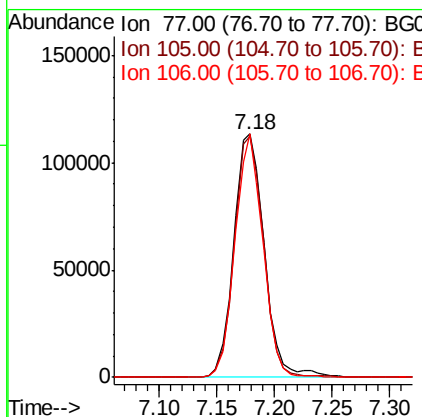
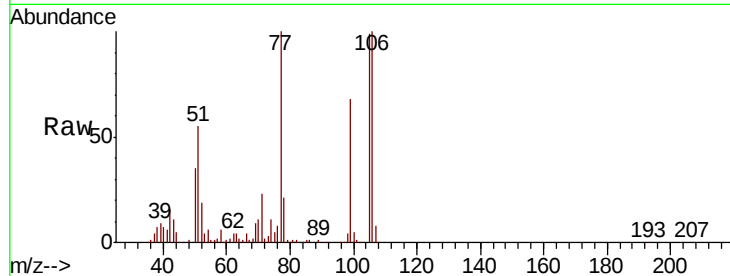
ClientSampleId :

PB121423BS

Tot Ion	77	Resp	205876
Ion	Ratio	Lower	Upper
77	100		
105	99.4	74.6	114.6
106	100.1	71.1	111.1

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#10

Phenol

Concen: 44.100 ng

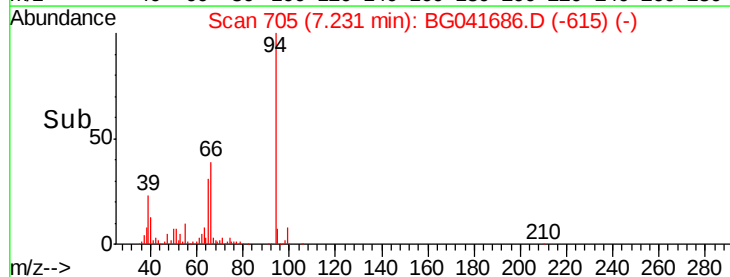
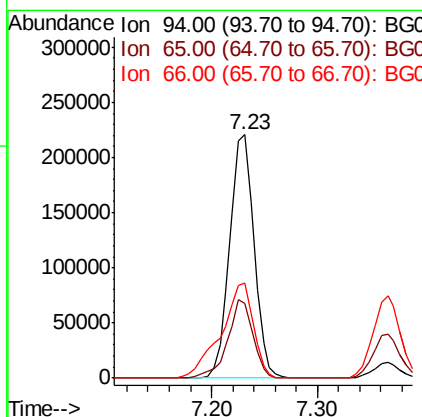
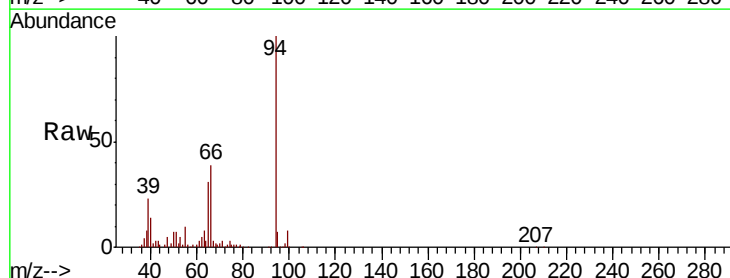
RT: 7.23 min Scan# 705

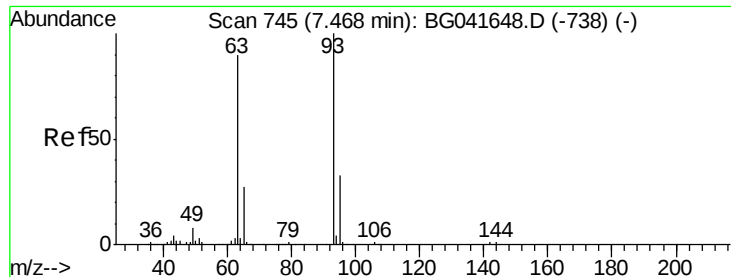
Delta R.T. -0.00 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion	94	Resp	350987
Ion	Ratio	Lower	Upper
94	100		
65	30.6	10.6	50.6
66	39.0	18.2	58.2





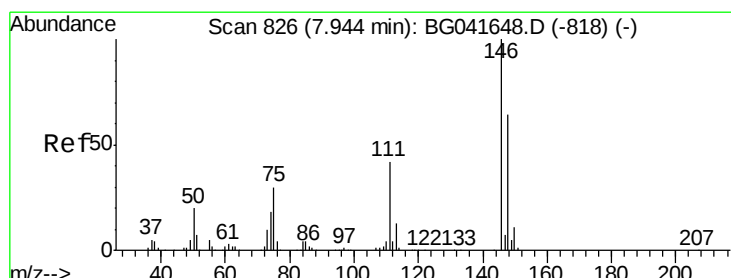
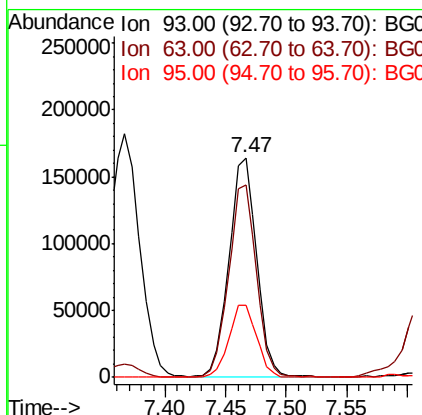
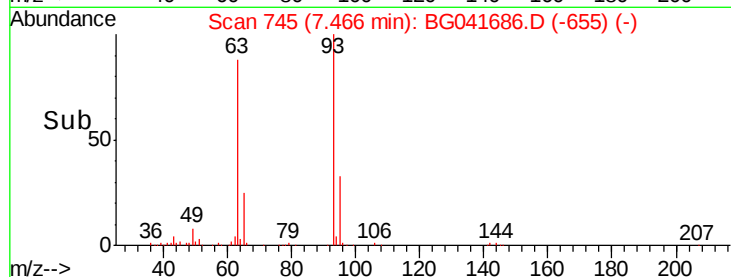
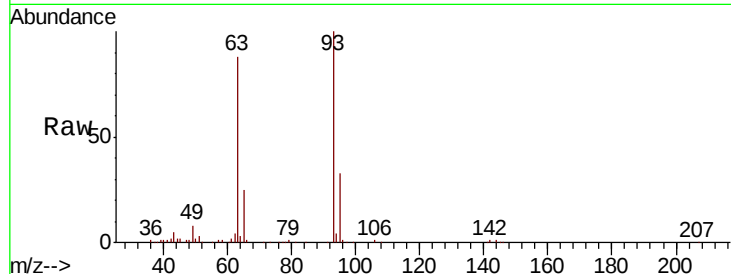
#11
bis(2-Chloroethyl)ether
Concen: 40.815 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	70.4	110.4
95	32.6	12.8	52.8

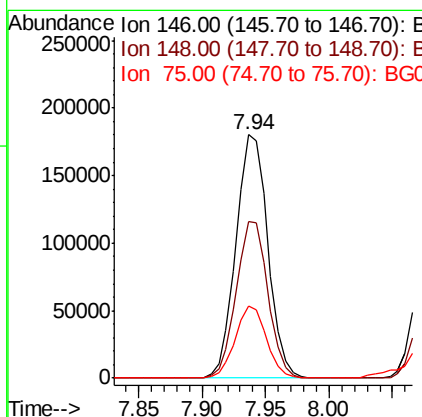
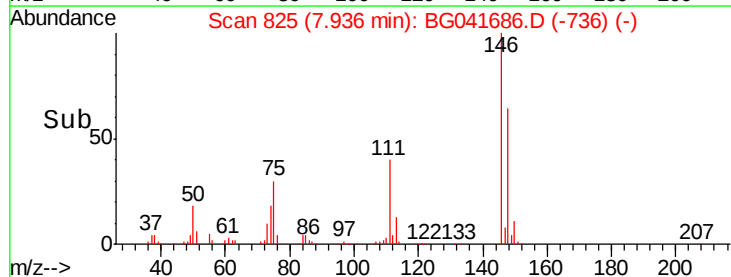
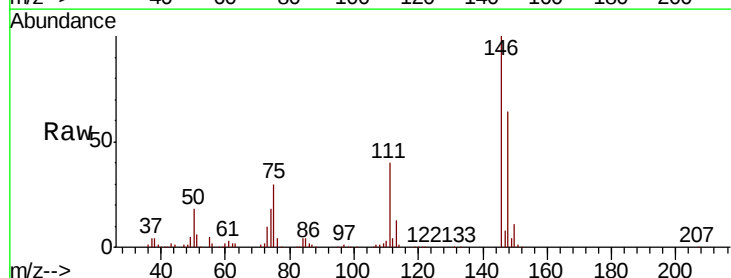
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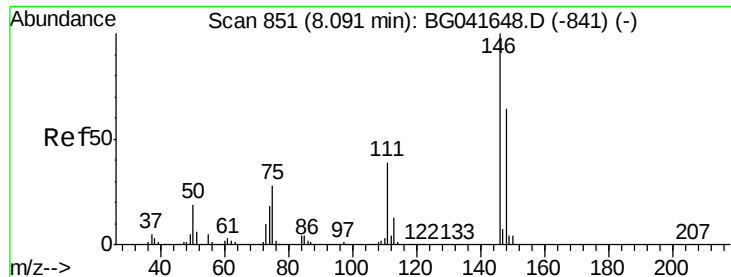
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.304 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.5	77.3
75	29.9	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 41.946 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

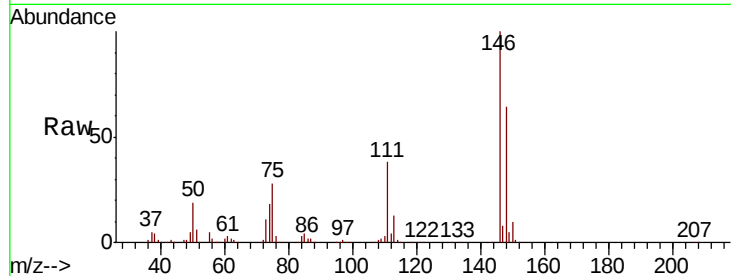
ClientSampled :

PB121423BS

Tot Ion:	146	Resp:	318694
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.6	79.0
111	38.1	32.5	48.7

Manual Integrations
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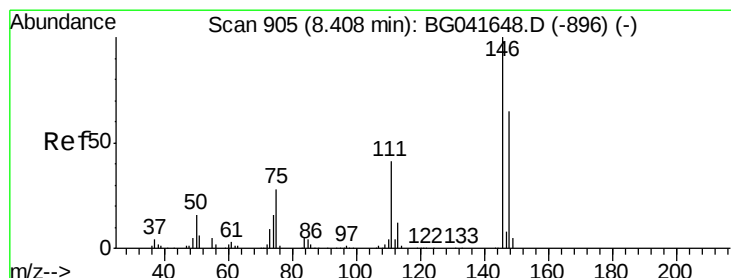
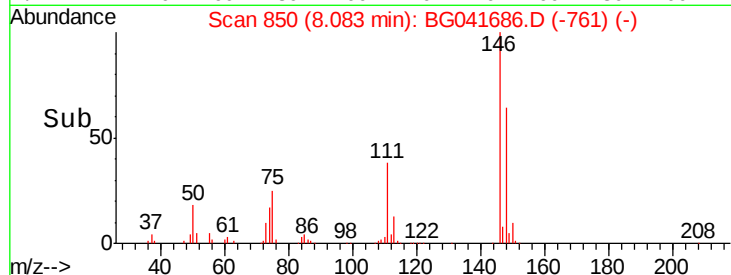
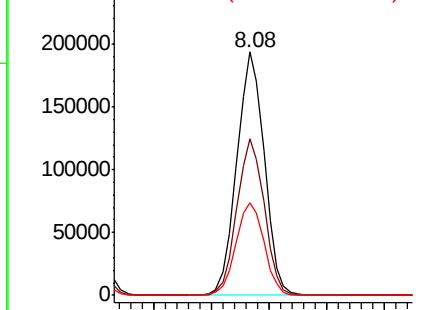


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.542 ng

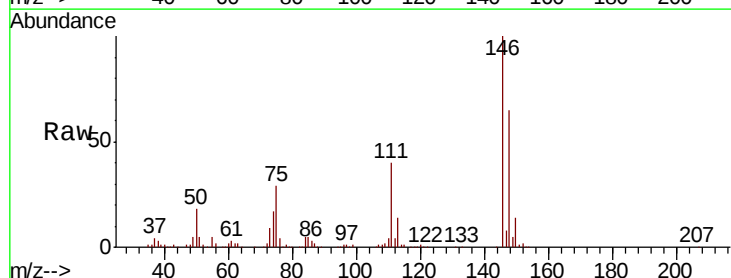
RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion:	146	Resp:	297579
Ion Ratio	Lower	Upper	
146	100		
148	64.9	53.5	80.3
111	40.5	35.4	53.0

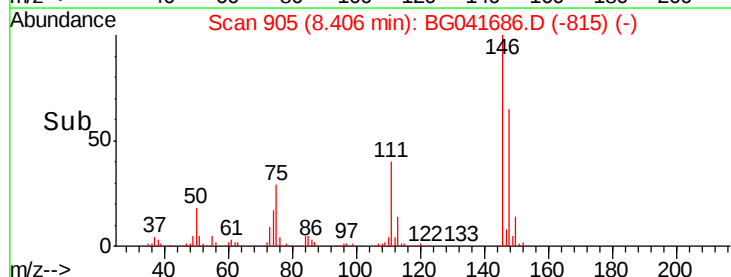
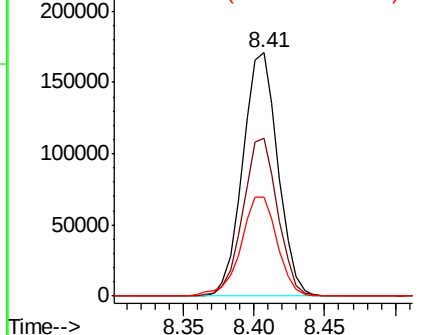


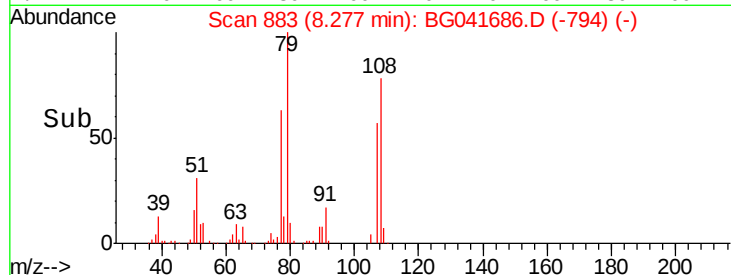
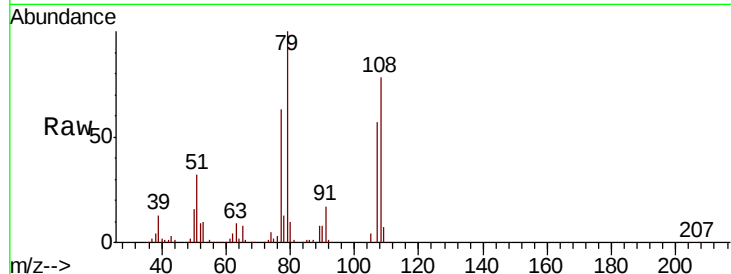
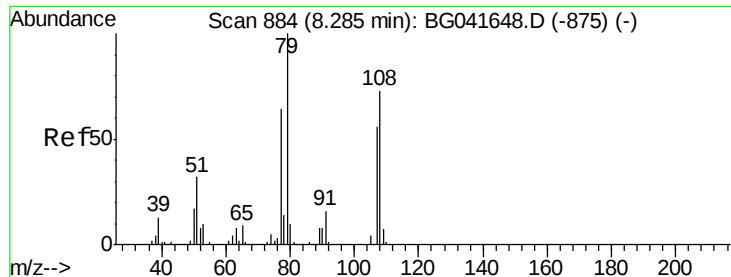
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





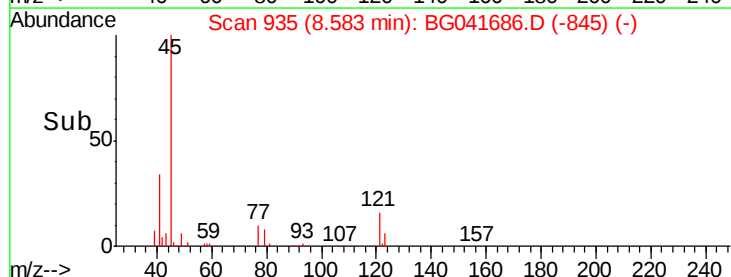
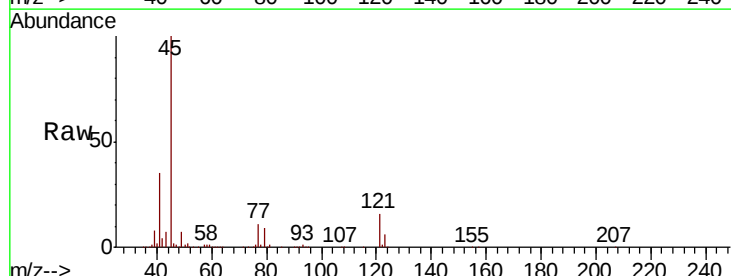
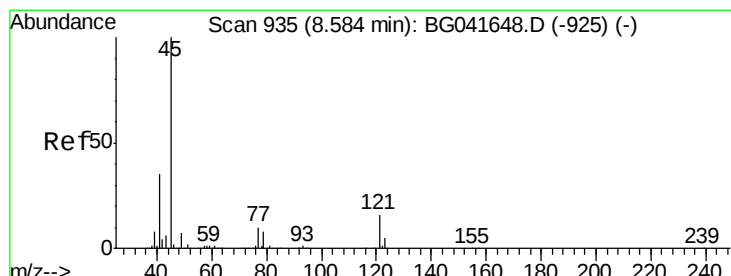
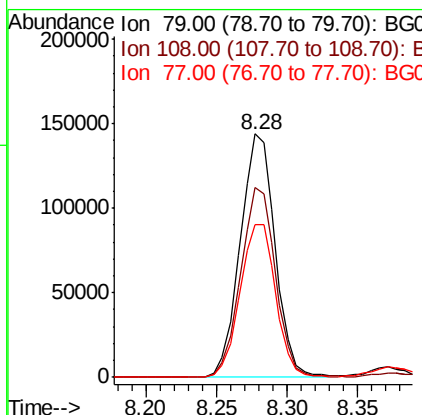
#15
Benzyl Alcohol
Concen: 41.358 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tot Ion	Ratio	Resp	Lower	Upper
79	100	248732		
108	78.0	60.5	90.7	
77	62.7	50.6	75.8	

Instrument :
BNA_G
ClientSampleId :
PB121423BS

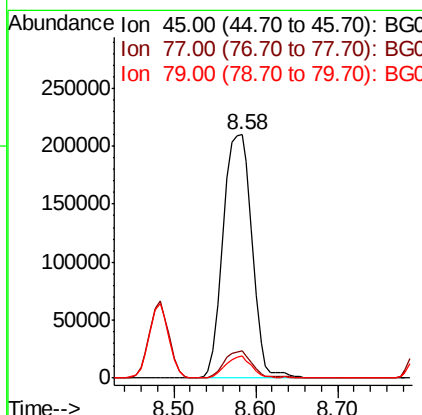
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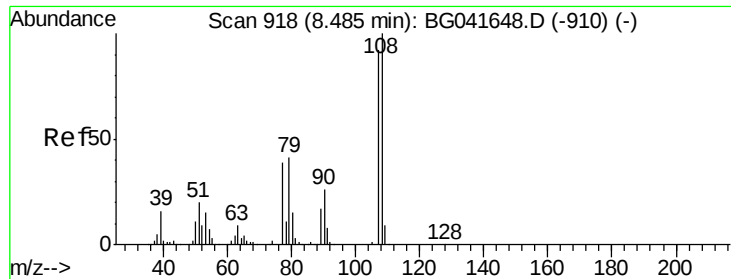
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.844 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	517384		
77	11.1	0.0	30.4	
79	9.1	0.0	27.9	





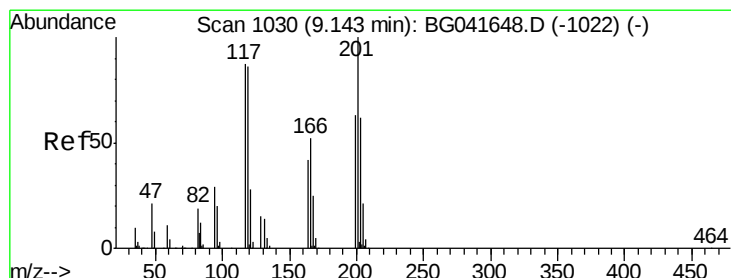
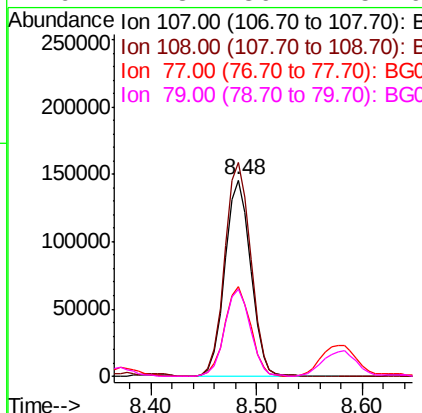
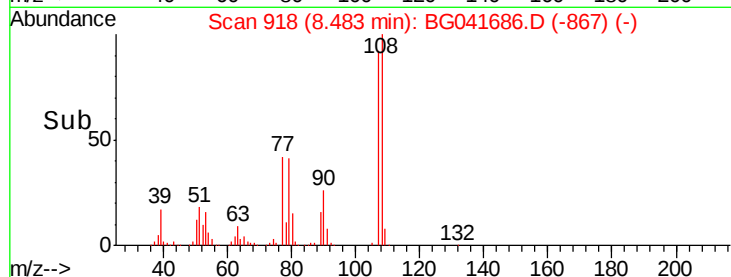
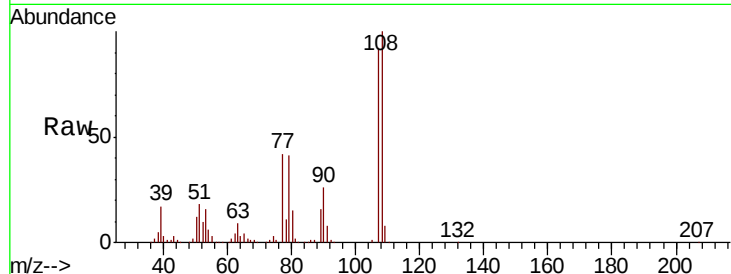
#17
2-Methylphenol
Concen: 44.805 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	109.1	87.6	131.4	
77	77	45.8	36.1	54.1	
79	79	44.3	36.4	54.6	

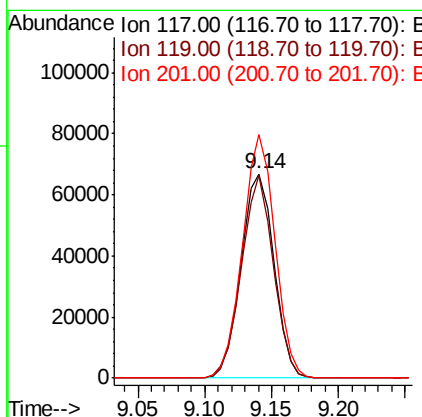
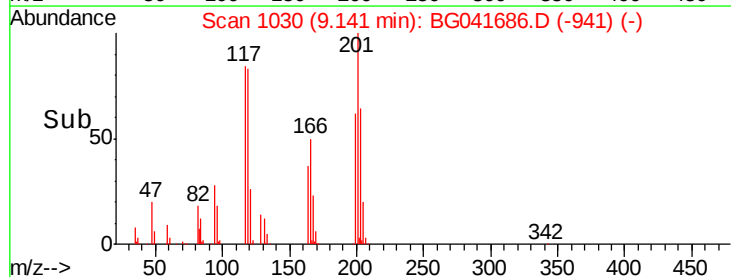
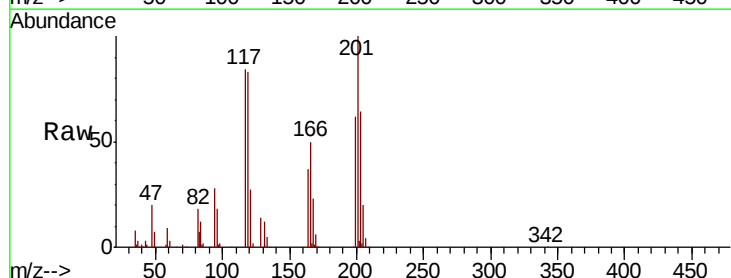
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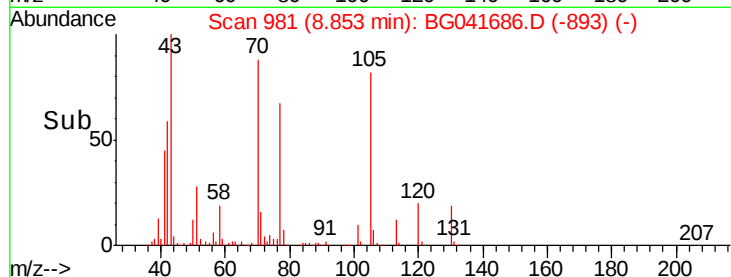
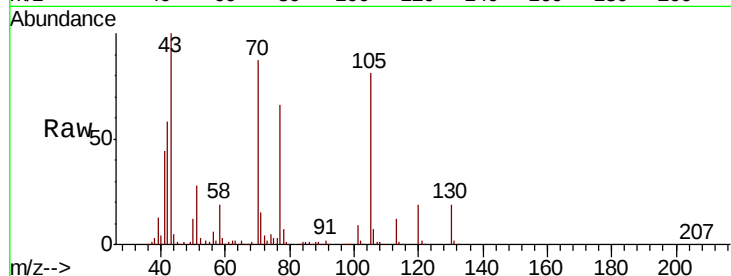
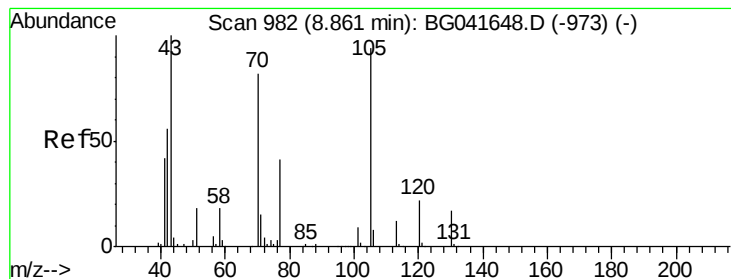
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#18
Hexachloroethane
Concen: 41.000 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	99.3	76.2	114.2	
201	201	119.3	94.1	141.1	





#19

n-Nitroso-di-n-propylamine

Concen: 39.934 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

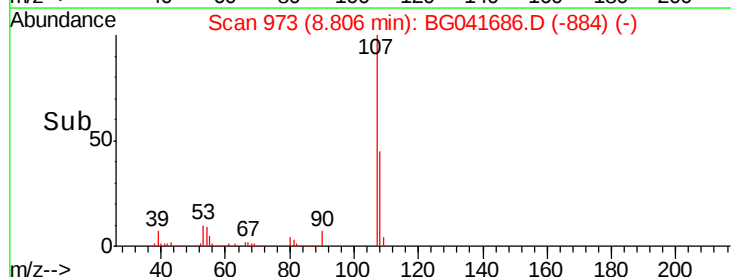
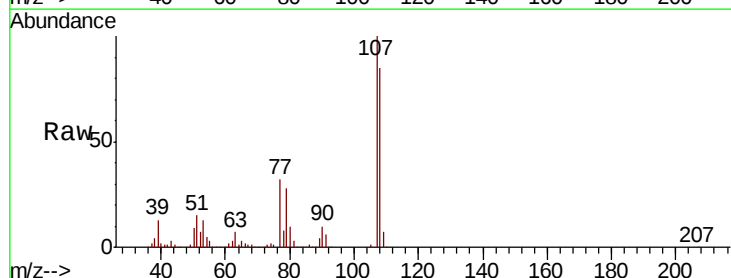
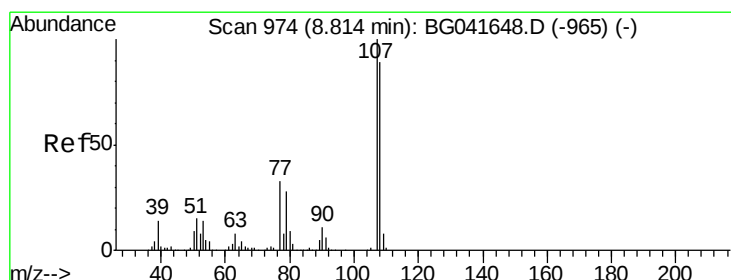
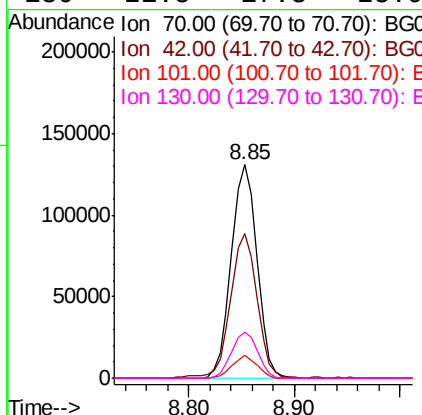
ClientSampleId :

PB121423BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	55.8	83.6
101	10.8	8.1	12.1
130	21.5	17.3	25.9

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#20

3+4-Methylphenols

Concen: 44.949 ng

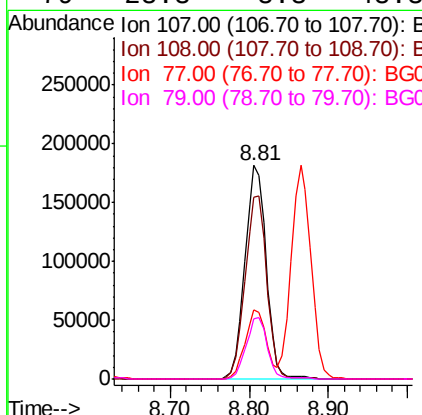
RT: 8.81 min Scan# 973

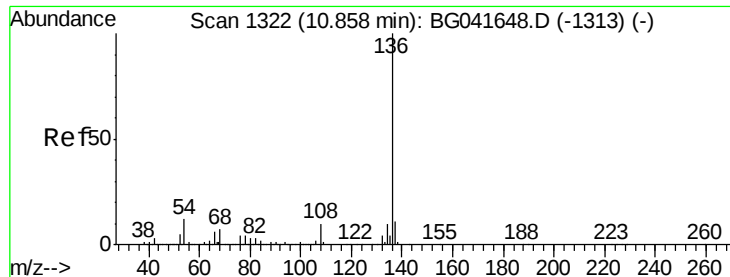
Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	67.5	107.5
77	32.3	12.3	52.3
79	28.3	8.3	48.3





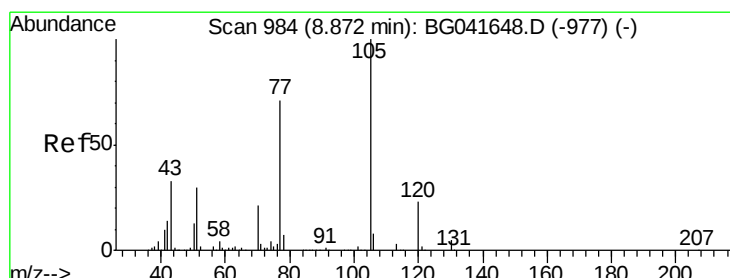
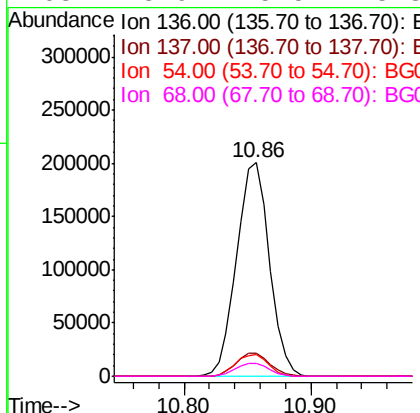
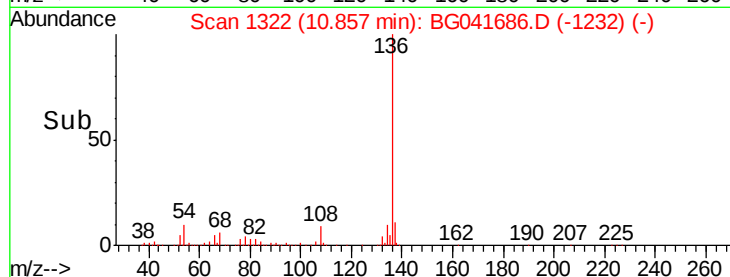
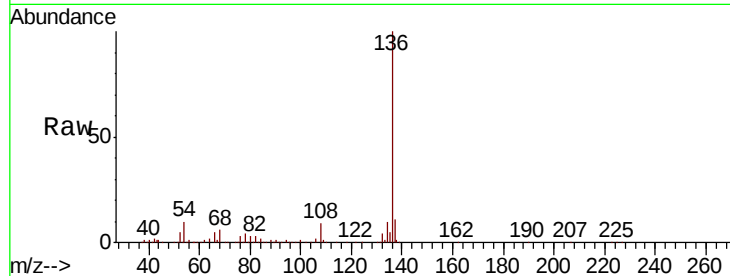
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	360244		
137	10.8		9.2	13.8
54	9.9		8.7	13.1
68	5.9		5.5	8.3

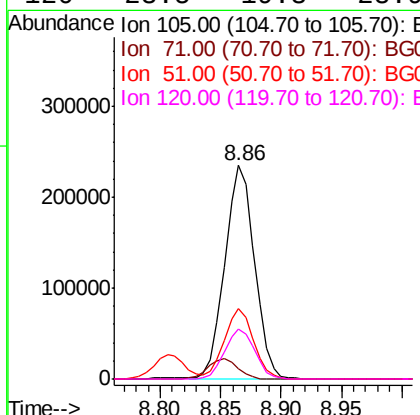
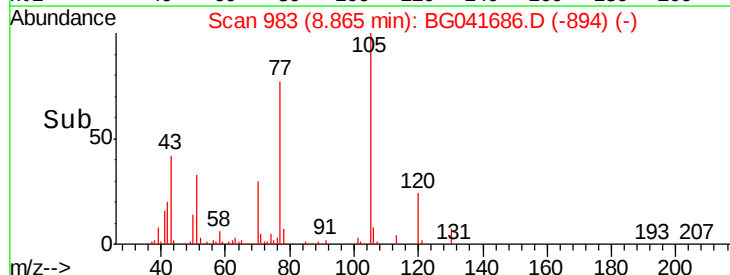
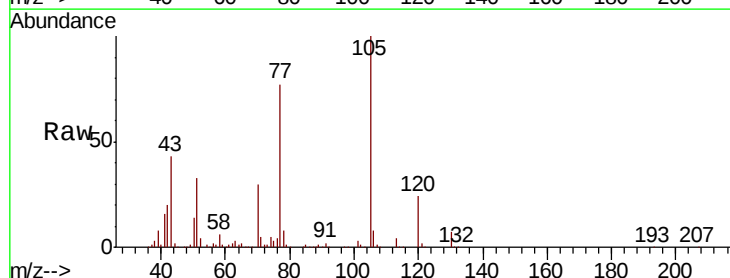
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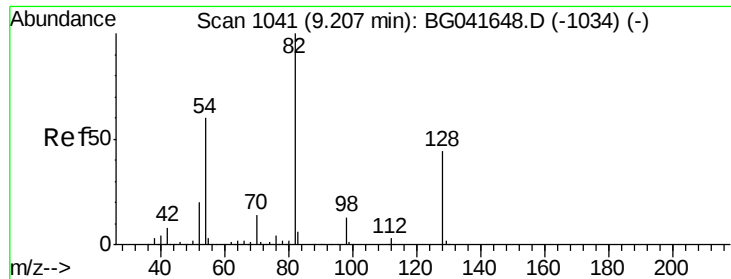
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#22
Acetophenone
Concen: 45.670 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	400706		
71	4.8		5.9	8.9#
51	32.9		27.7	41.5
120	23.5		19.3	28.9





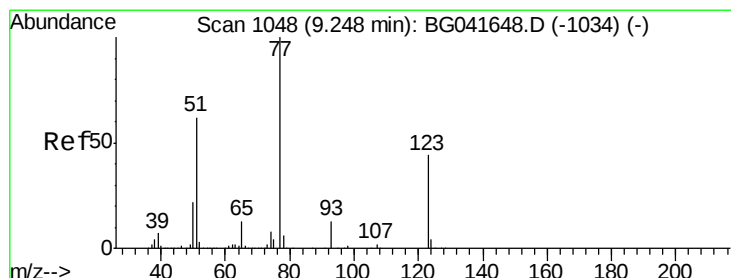
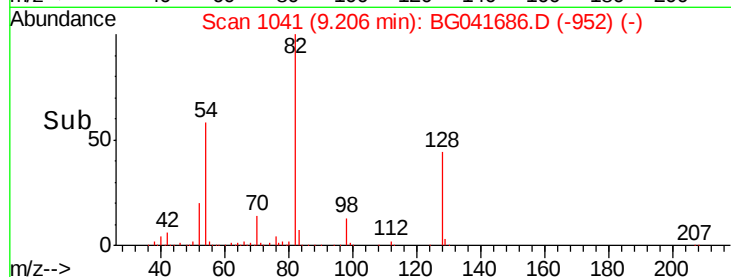
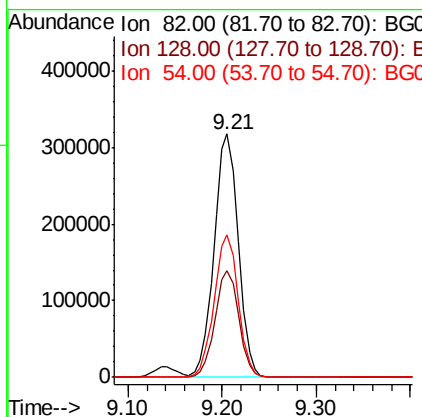
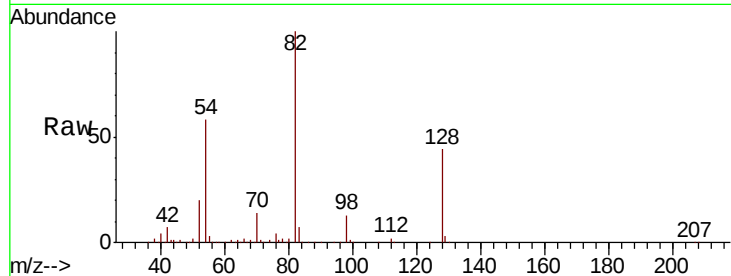
#23
Nitrobenzene-d5
Concen: 96.310 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.1	52.7
54	58.5	48.7	73.1

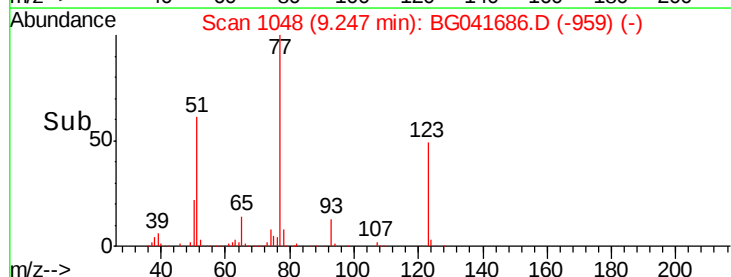
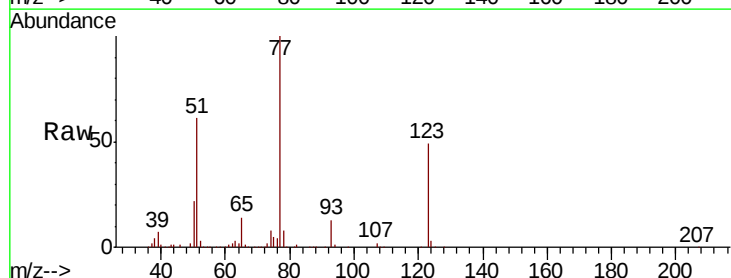
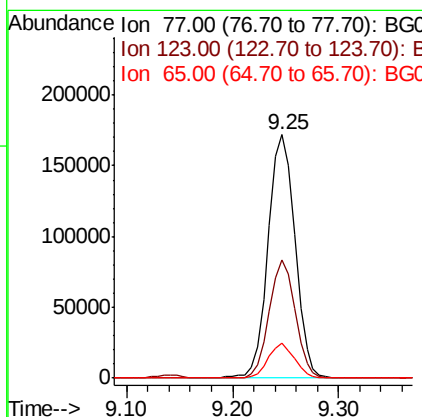
Manual Integrations
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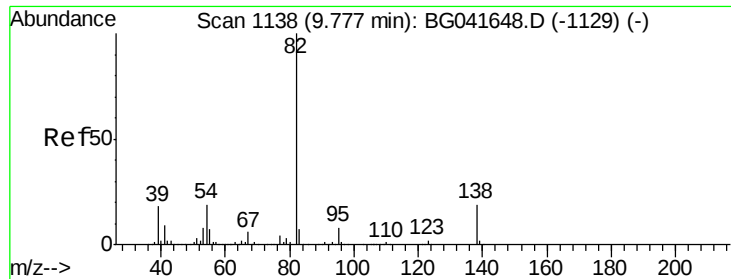
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#24
Nitrobenzene
Concen: 46.898 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	38.1	57.1
65	14.4	11.0	16.6





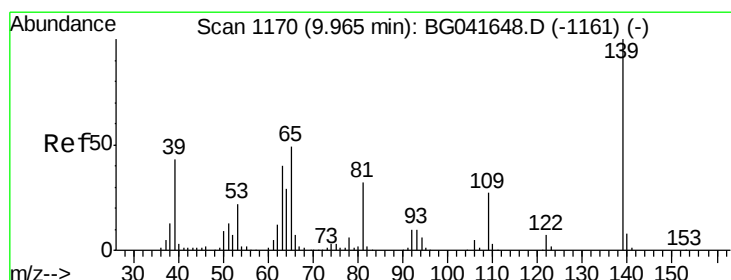
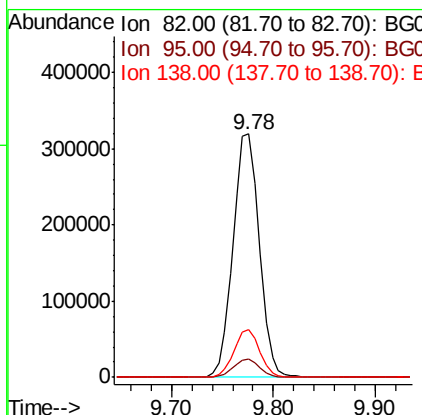
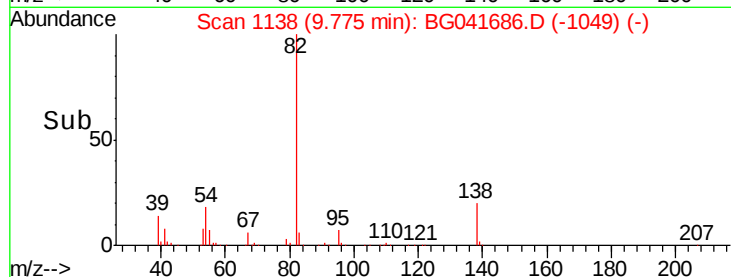
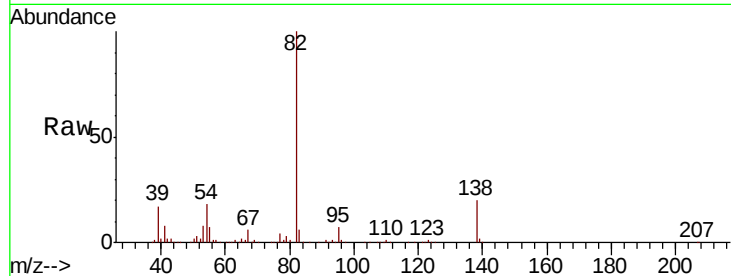
#25
Isophorone
Concen: 44.323 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.9	8.9
138	19.6	16.3	24.5

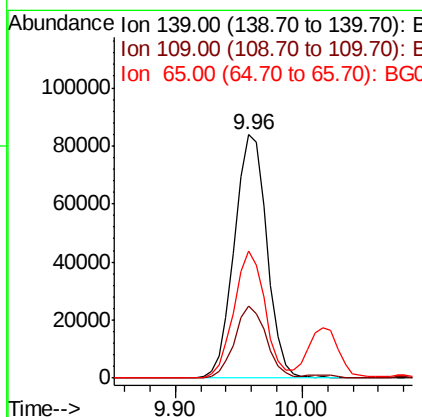
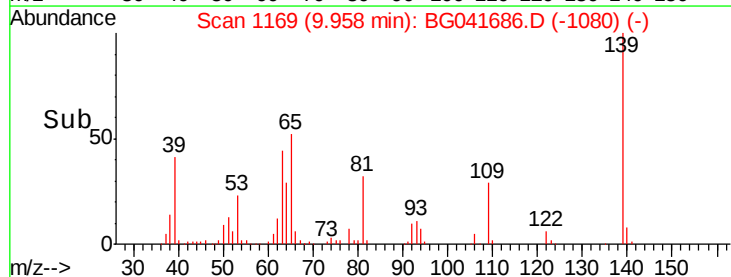
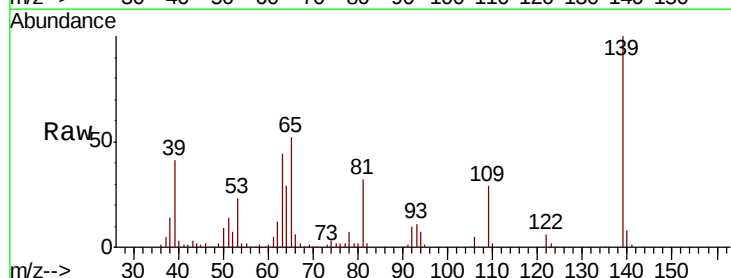
Manual Integrations
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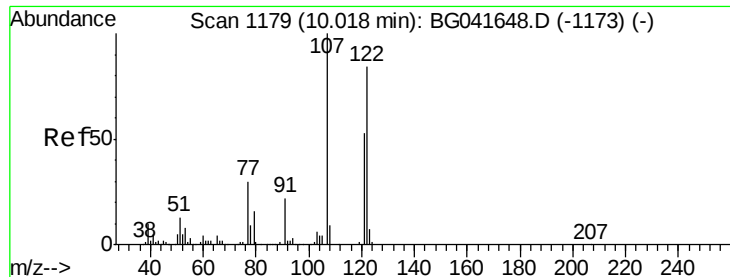
mohammad
7/19/2019 2:24:42 PM



#26
2-Nitrophenol
Concen: 49.987 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.5	22.7	34.1
65	52.4	41.1	61.7





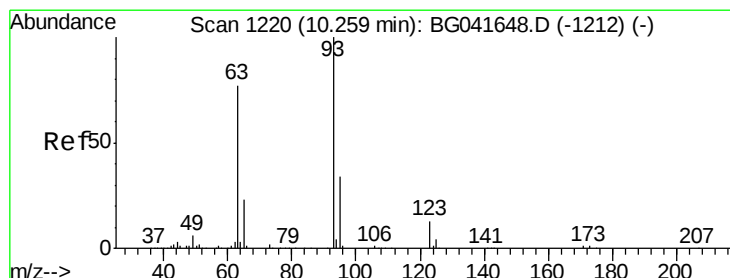
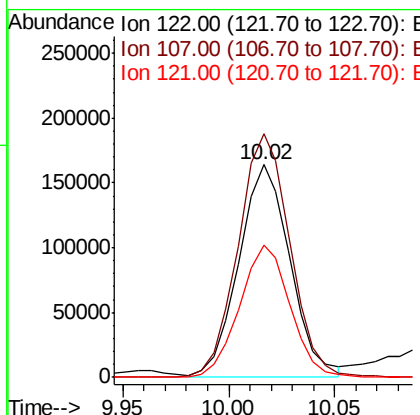
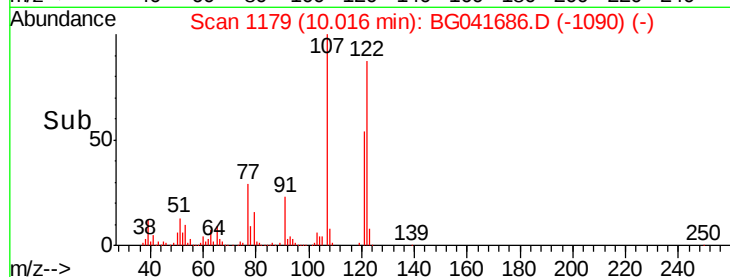
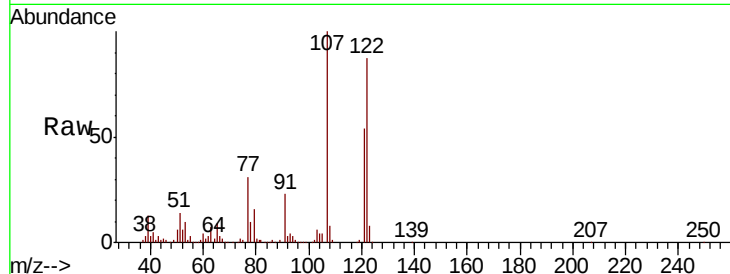
#27
 2,4-Dimethylphenol
 Concen: 53.925 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Instrument :
 BNA_G
 ClientSampleID :
 PB121423BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.3	136.9
121	62.4	49.2	73.8

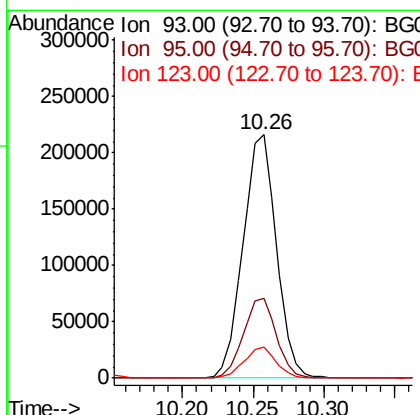
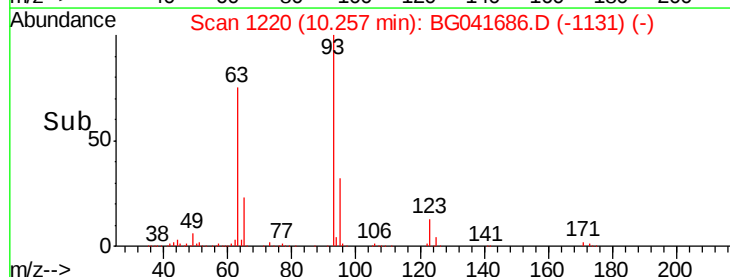
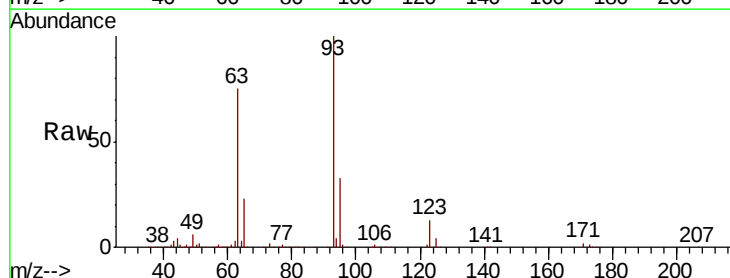
Manual Integrations
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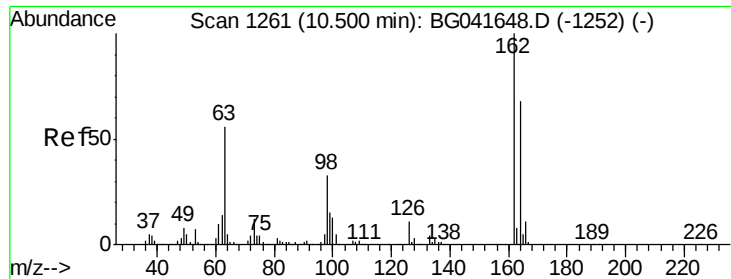
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.796 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	12.6	9.9	14.9





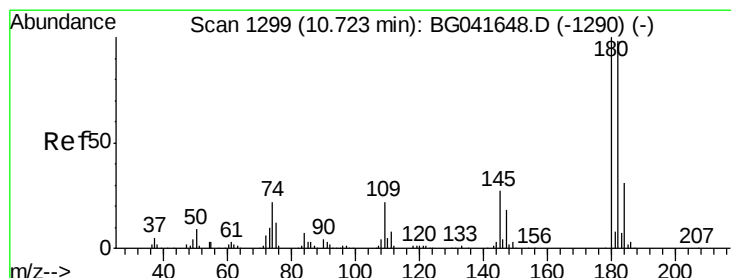
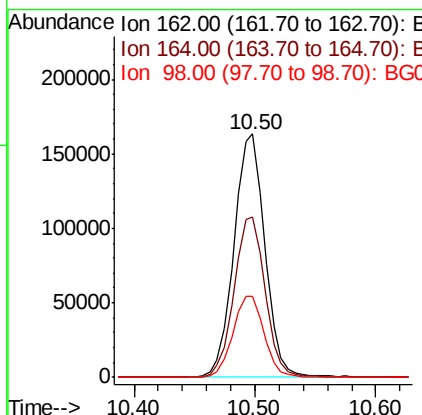
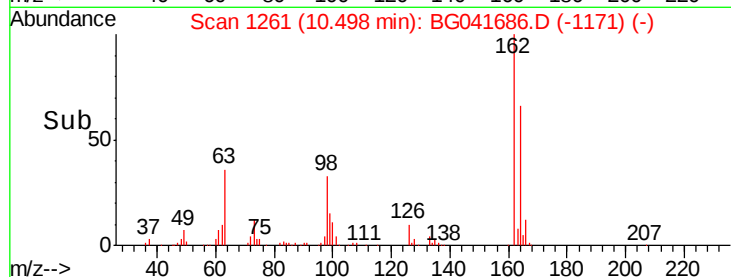
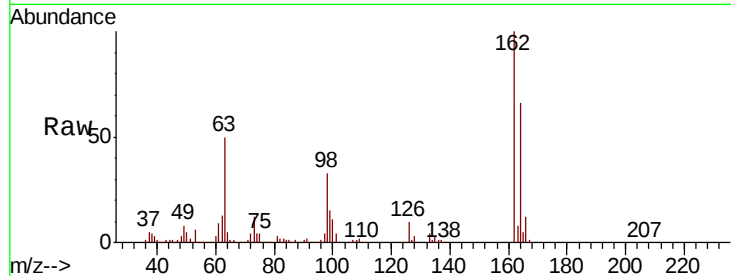
#29
2,4-Dichlorophenol
Concen: 49.798 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	291383		
164	65.9	46.1	86.1	
98	33.2	14.7	54.7	

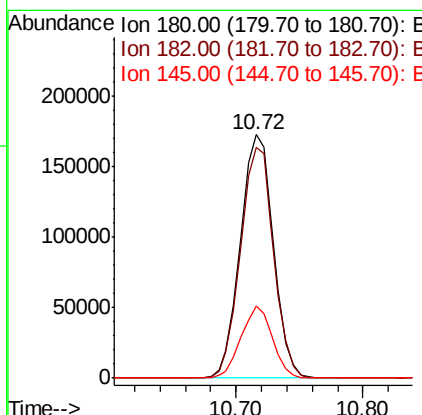
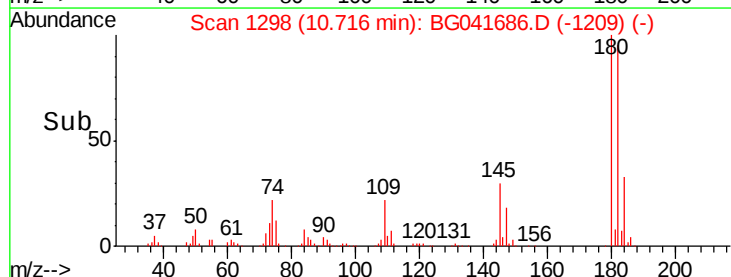
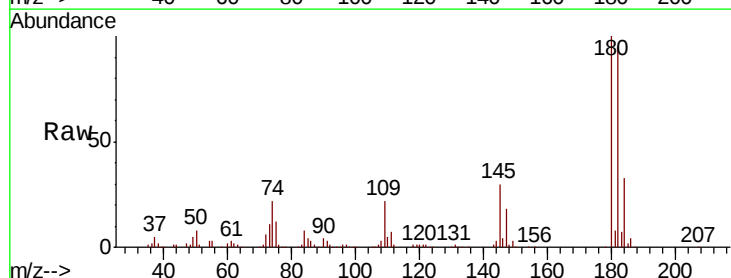
Manual Integrations
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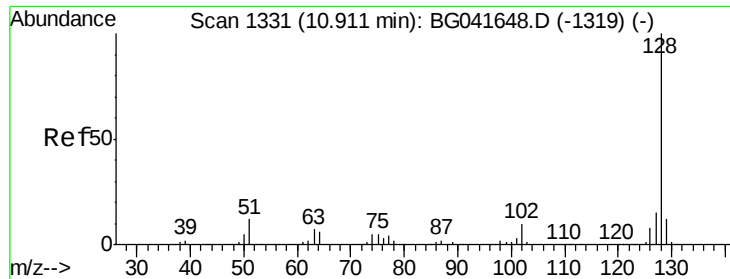
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#30
1,2,4-Trichlorobenzene
Concen: 45.300 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	311231		
182	94.6	76.2	114.2	
145	29.6	23.8	35.8	





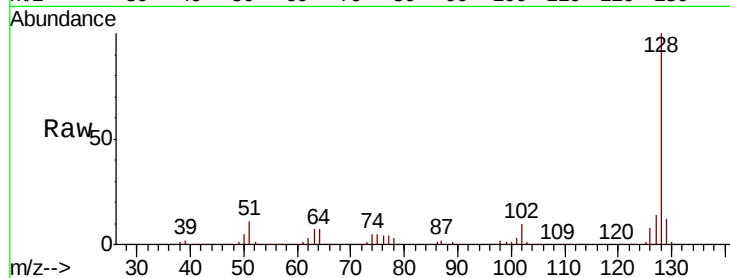
#31
Naphthalene
Concen: 46.322 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.0	15.0
127	14.4	12.3	18.5

Manual Integrations
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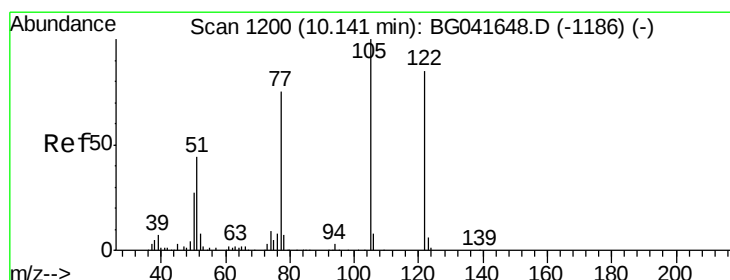
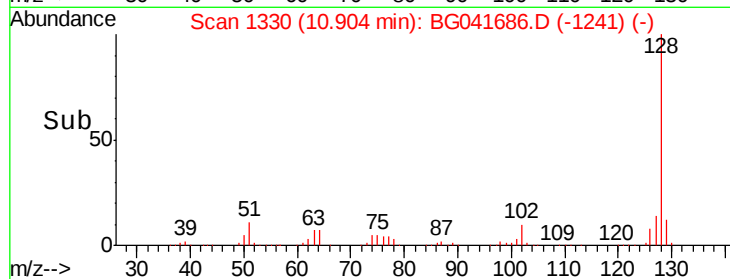
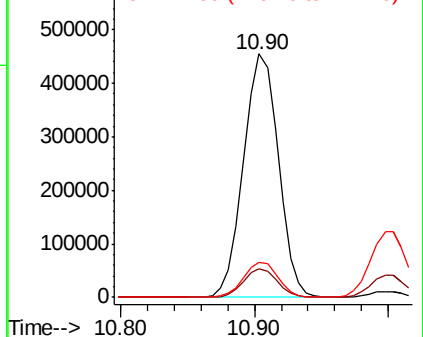


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 49.322 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

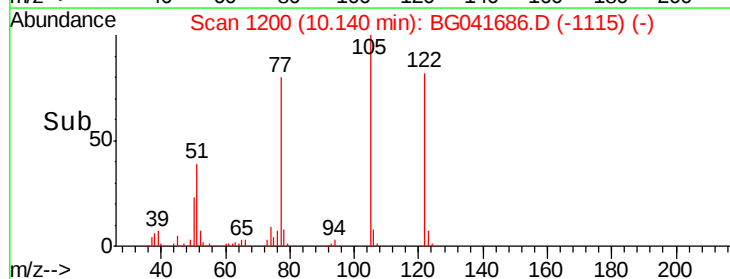
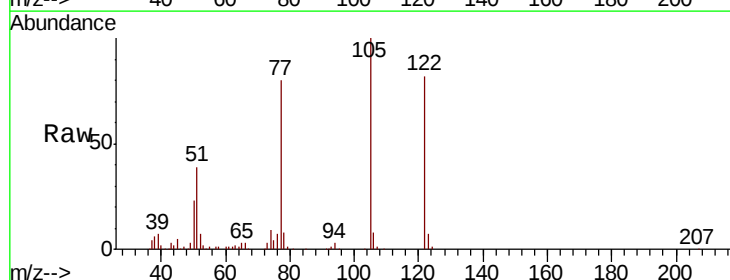
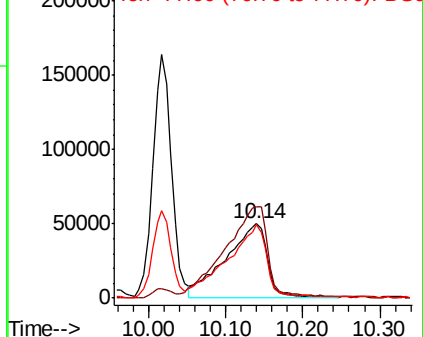
Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	101.5	141.5
77	97.8	73.0	113.0

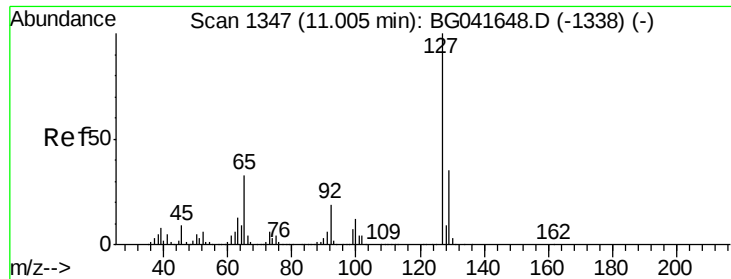
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





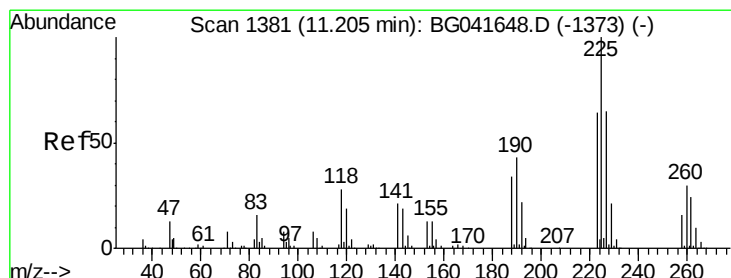
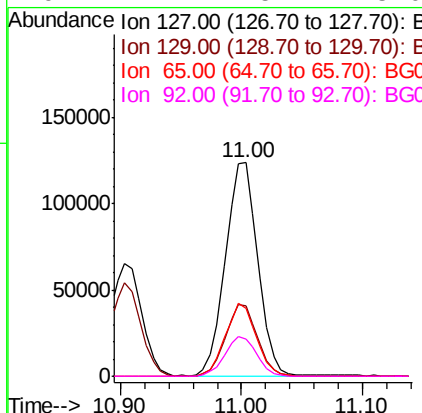
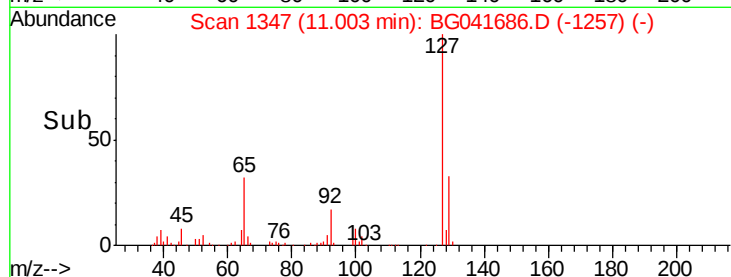
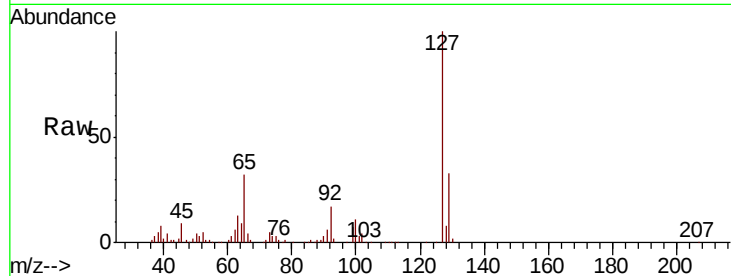
#33
4-Chloroaniline
Concen: 28.024 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.8	38.8	
65	31.9	26.7	40.1	
92	17.2	15.4	23.0	

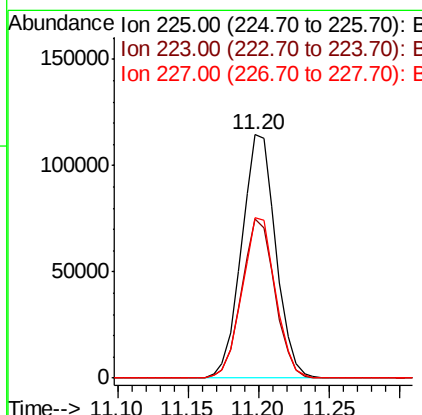
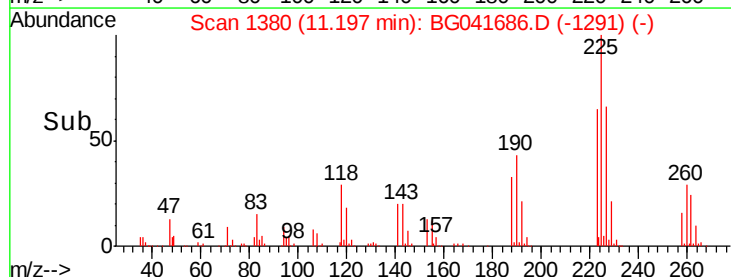
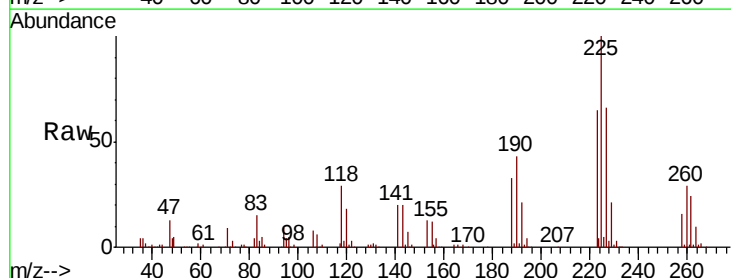
Manual Integrations
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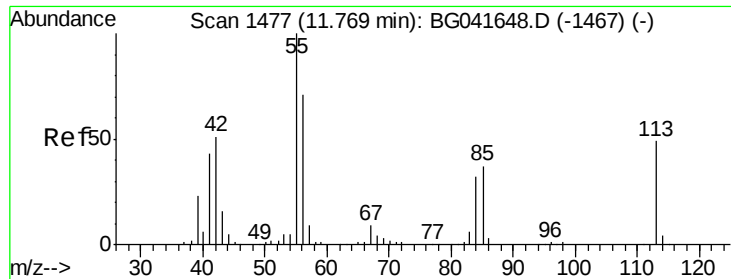
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#34
Hexachlorobutadiene
Concen: 43.921 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.1	51.1	76.7	
227	66.0	50.9	76.3	





#35

Caprolactam

Concen: 48.734 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

Tot Ion:113 Resp: 104813

Ion Ratio Lower Upper

113 100

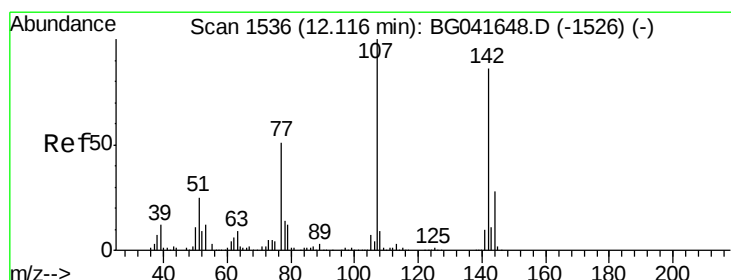
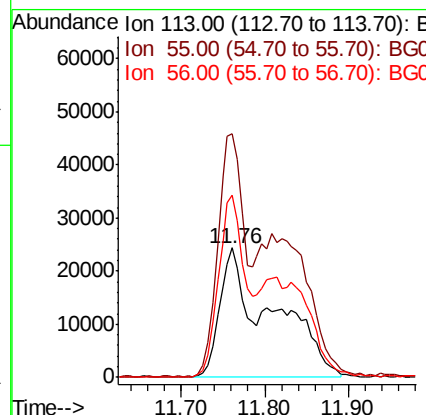
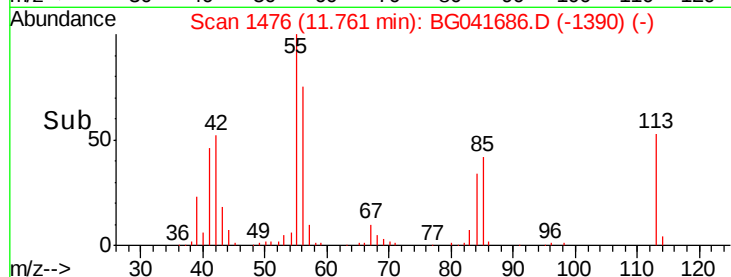
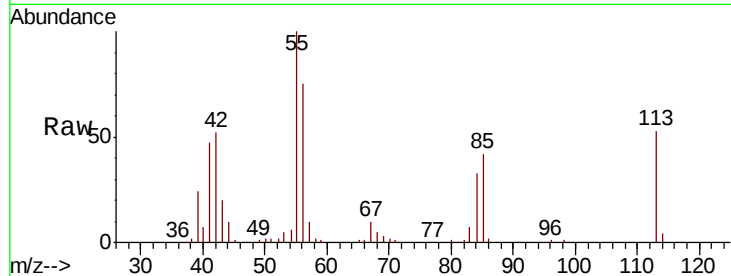
55 187.9 199.4 239.4#

56 141.0 133.6 173.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 48.900 ng/mL

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

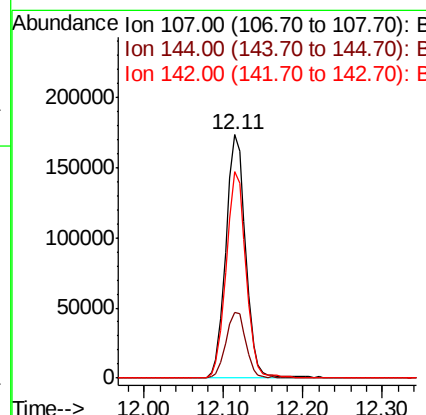
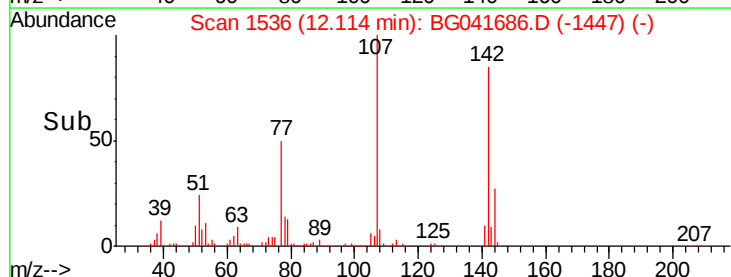
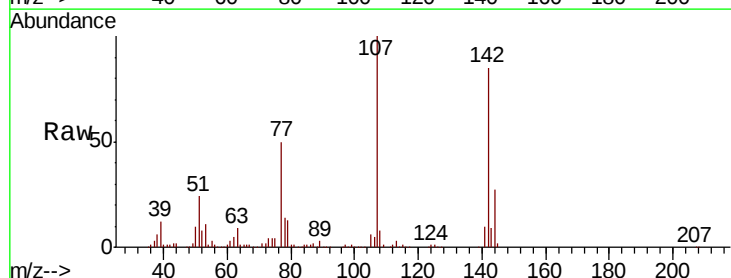
Tgt Ion:107 Resp: 299752

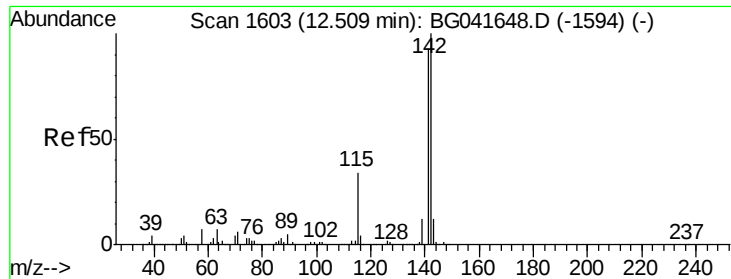
Ion Ratio Lower Upper

107 100

144 27.1 22.2 33.2

142 84.8 67.3 100.9





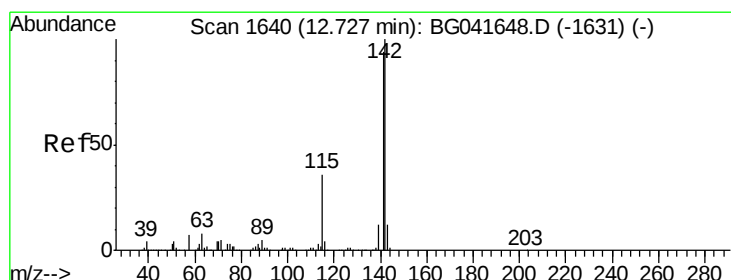
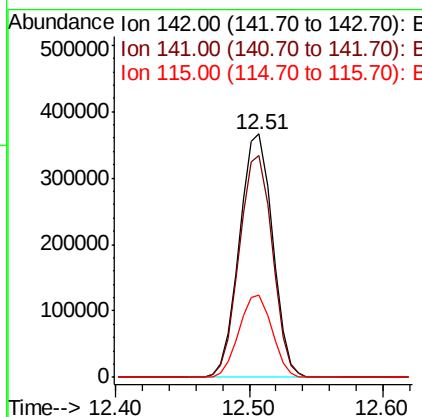
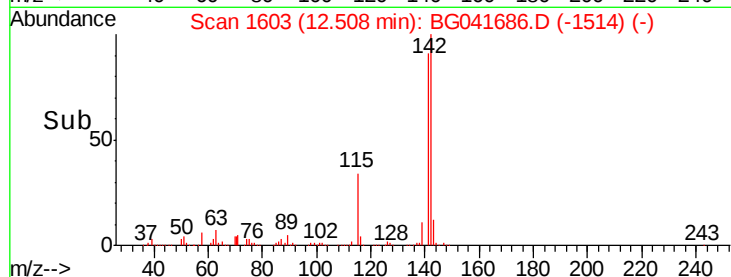
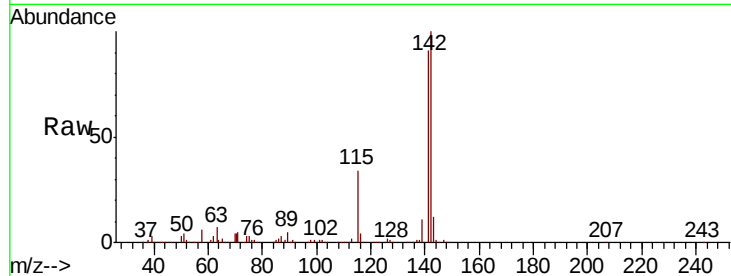
#37
 2-Methylnaphthalene
 Concen: 46.542 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.7	109.1
115	33.9	27.0	40.4

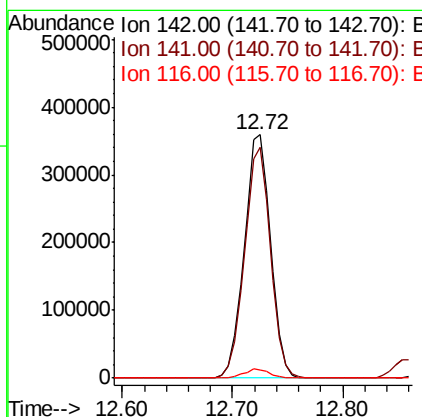
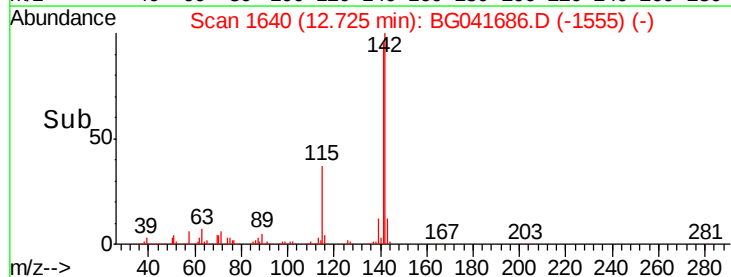
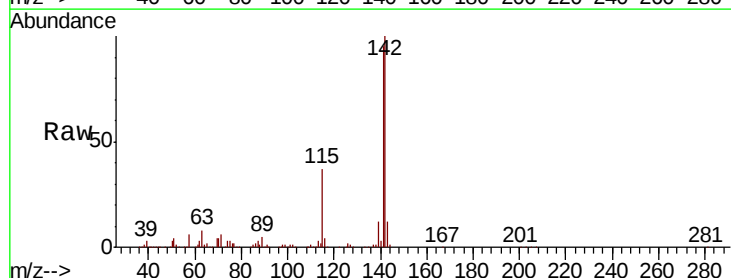
Manual Integrations
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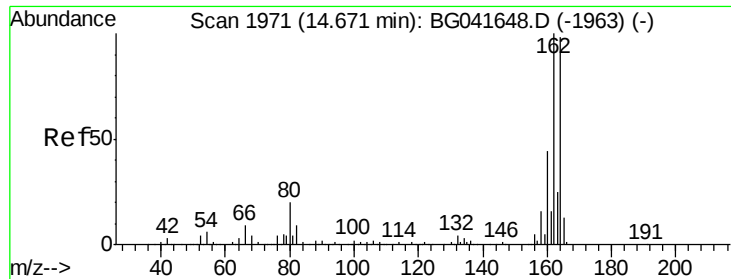
mohammad
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#38
 1-Methylnaphthalene
 Concen: 46.450 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.4	113.2
116	3.6	3.2	4.8





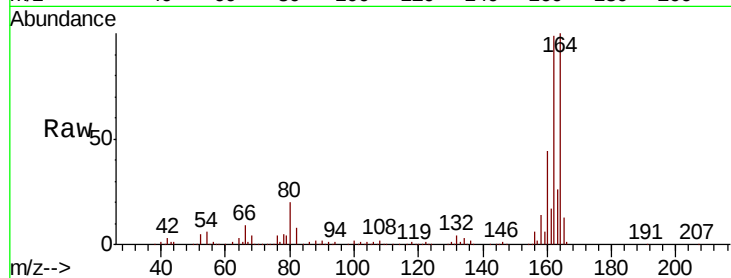
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.3	79.6	119.4	
160	43.9	35.4	53.0	

Manual Integrations
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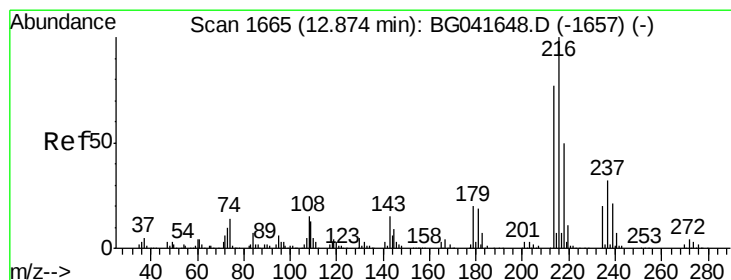
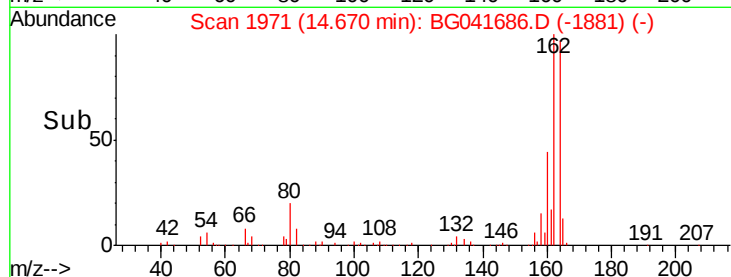
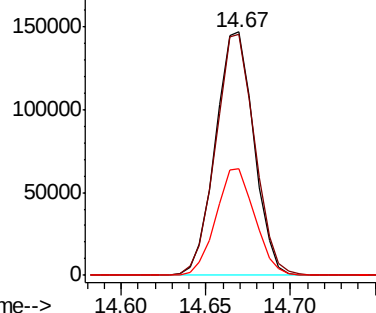


Abundance

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: 44.748 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.5	61.5	92.3	
179	20.2	16.2	24.2	
108	16.7	13.2	19.8	

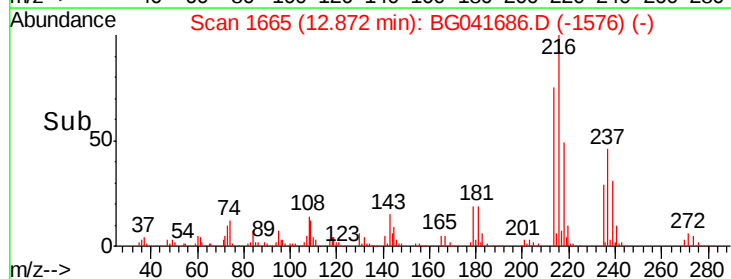
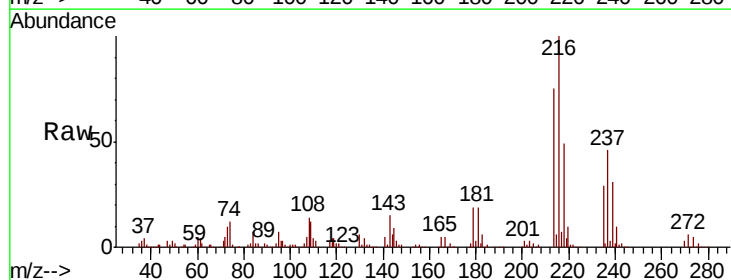
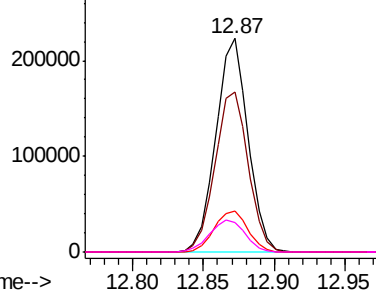
Abundance

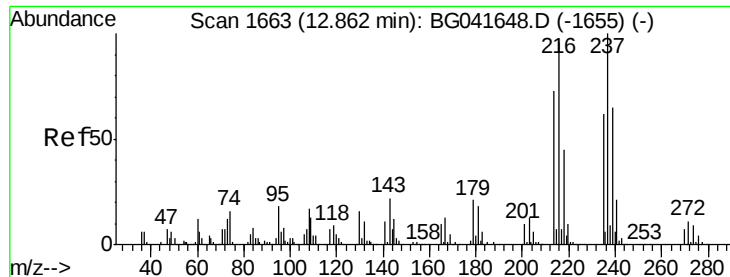
Ion 216.00 (215.70 to 216.70): E

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: 88.540 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

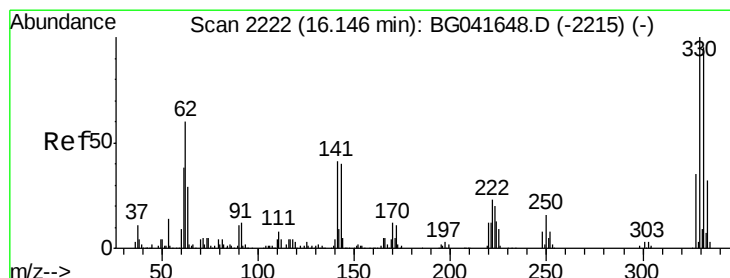
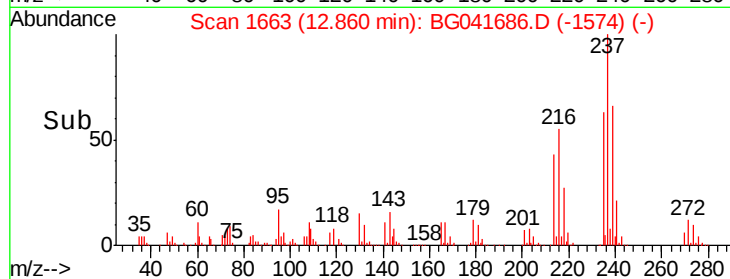
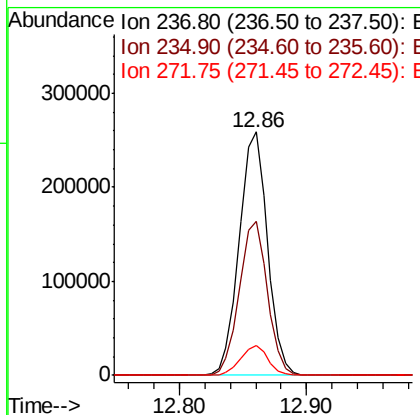
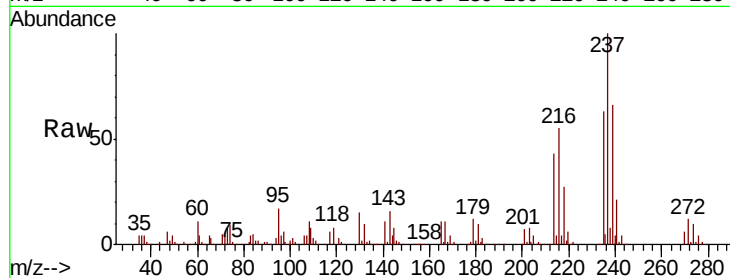
ClientSampleId :

PB121423BS

Tot Ion:	237	Resp:	398645
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.5	83.5
272	12.5	0.0	31.2

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#42

2,4,6-Tribromophenol

Concen: 150.033 ng

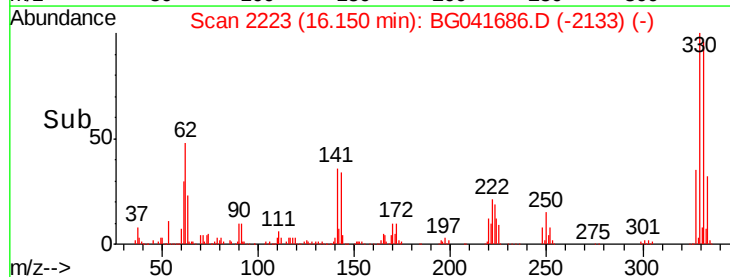
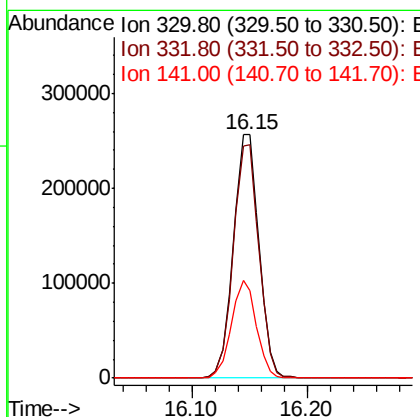
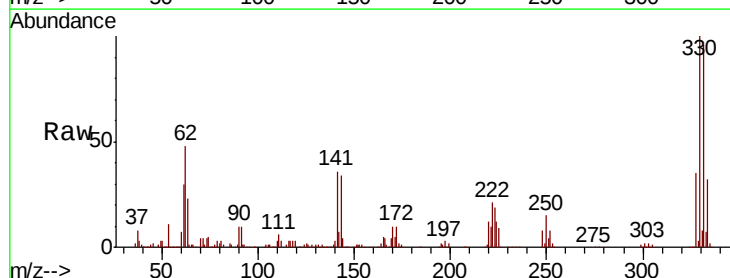
RT: 16.15 min Scan# 2223

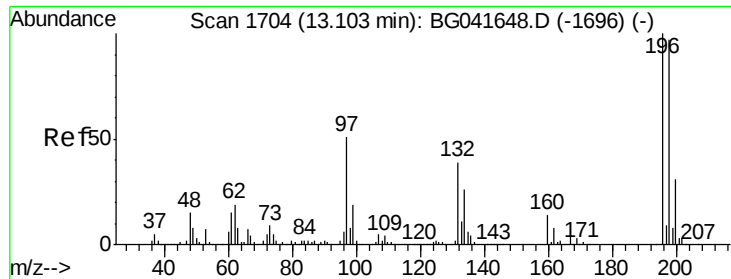
Delta R.T. -0.00 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion:	330	Resp:	392894
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.4	116.0
141	39.1	31.9	47.9





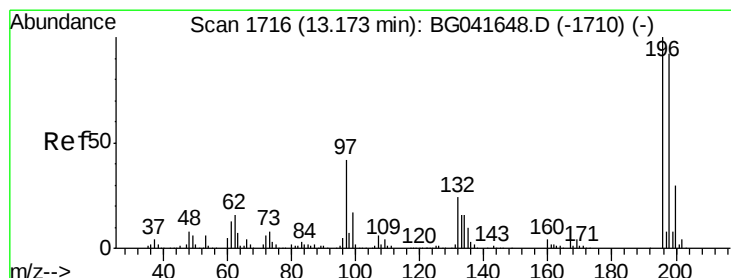
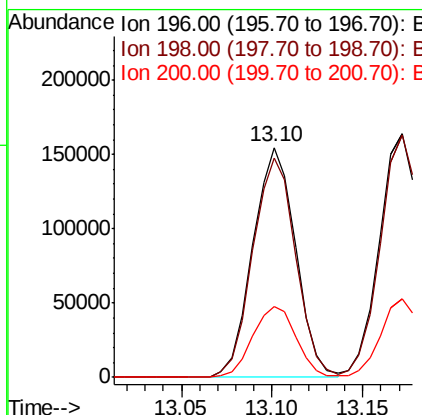
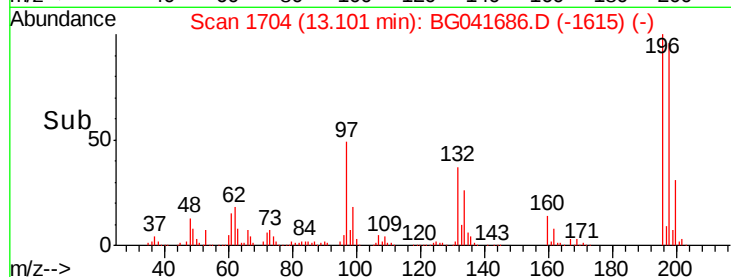
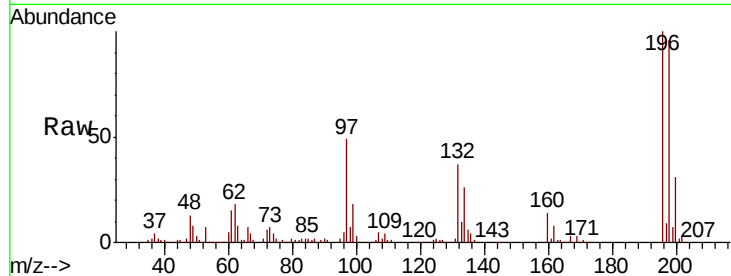
#43
 2,4,6-Trichlorophenol
 Concen: 48.879 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Instrument :
 BNA_G
 ClientSampled :
 PB121423BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252785		
198	95.6	79.6	119.4	
200	30.6	25.2	37.8	

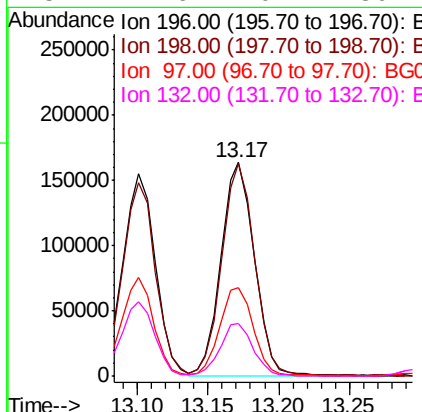
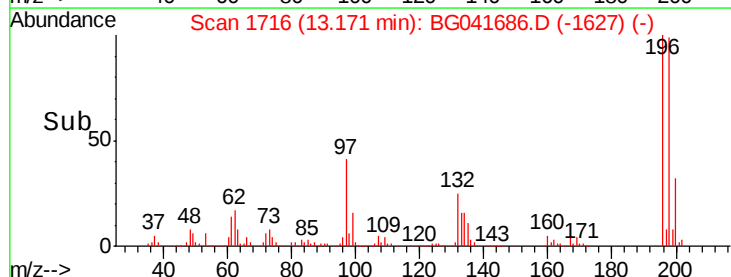
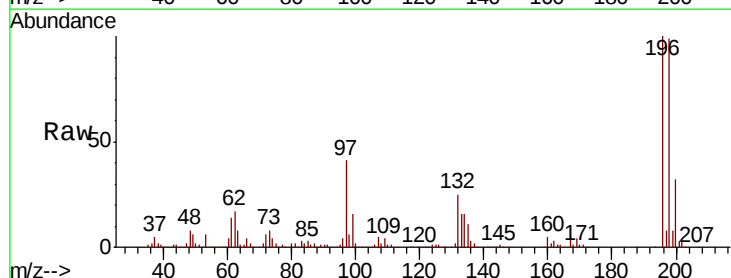
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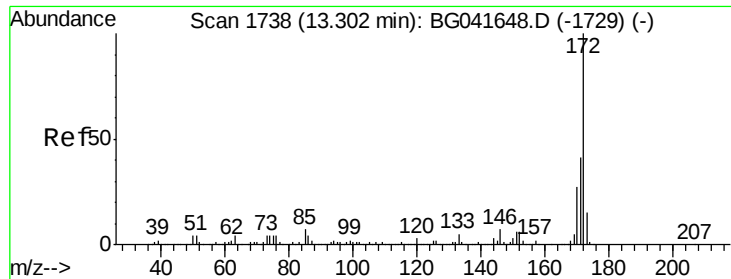
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#44
 2,4,5-Trichlorophenol
 Concen: 49.144 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267780		
198	99.3	80.6	121.0	
97	41.1	33.9	50.9	
132	24.6	20.2	30.2	





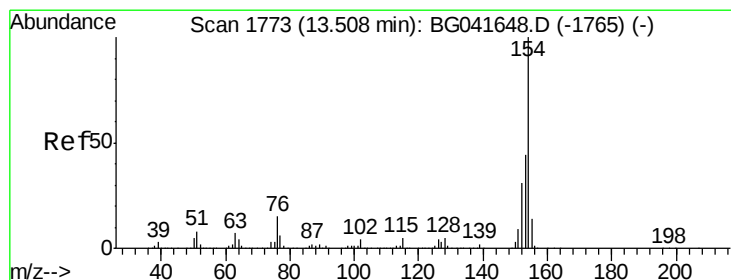
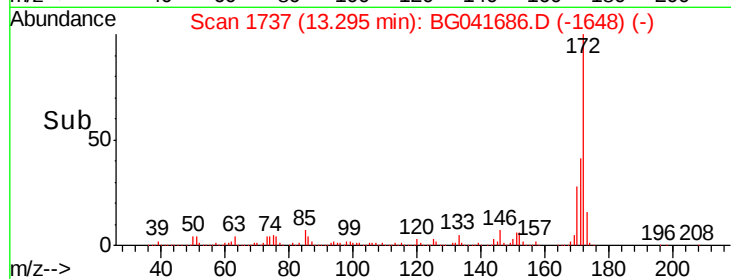
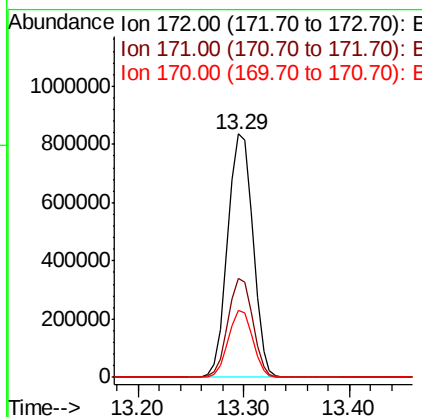
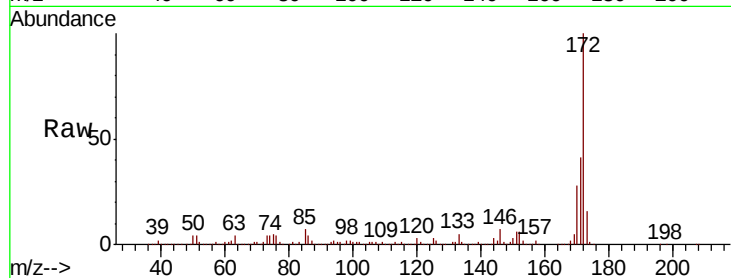
#45
2-Fluorobiphenyl
Concen: 91.881 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampled :
PB121423BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.8	35.0	52.4
170	27.6	23.5	35.3

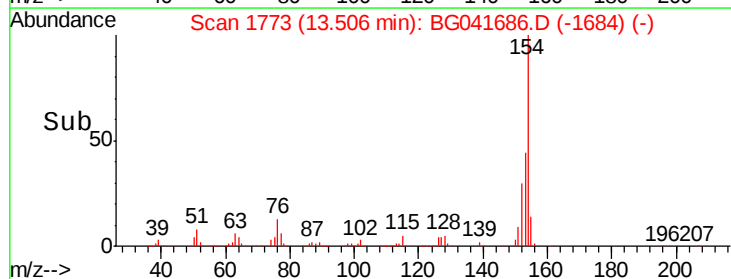
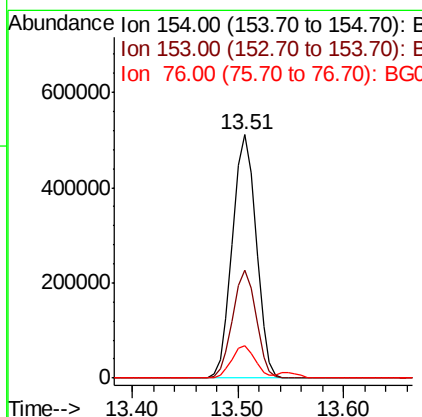
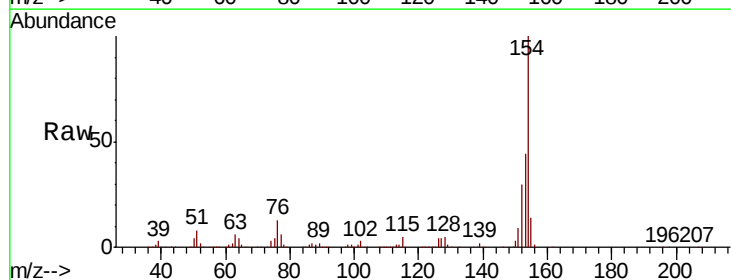
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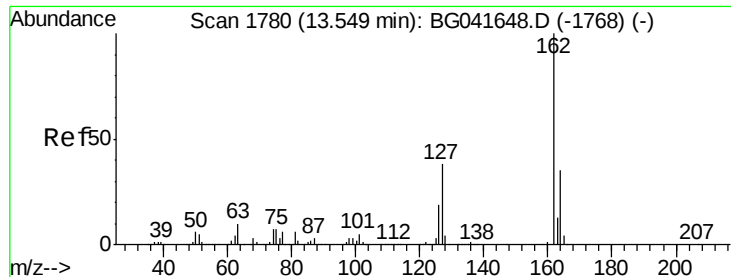
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#46
1,1'-Biphenyl
Concen: 45.591 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	25.0	65.0
76	13.5	0.0	34.5





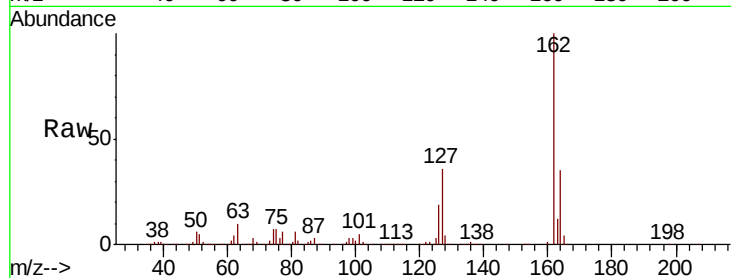
#47
2-Chloronaphthalene
Concen: 44.059 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

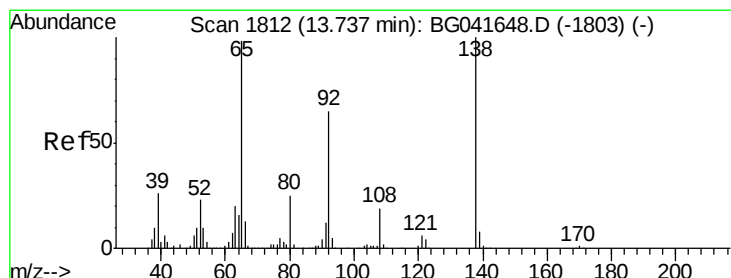
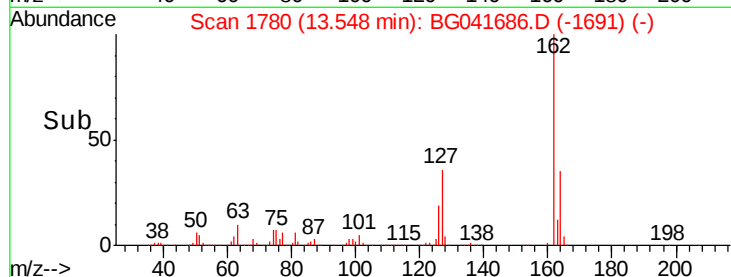
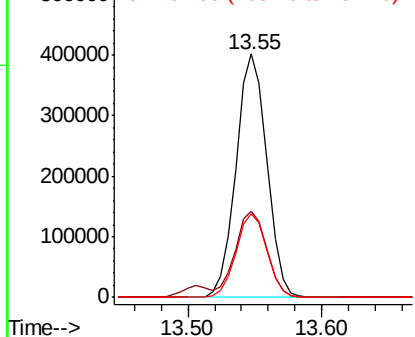
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.4	45.6
164	34.5	28.6	42.8

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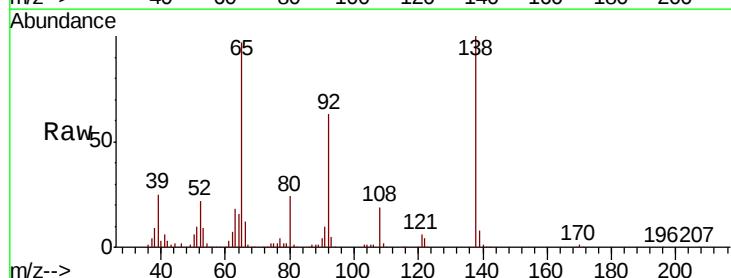


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

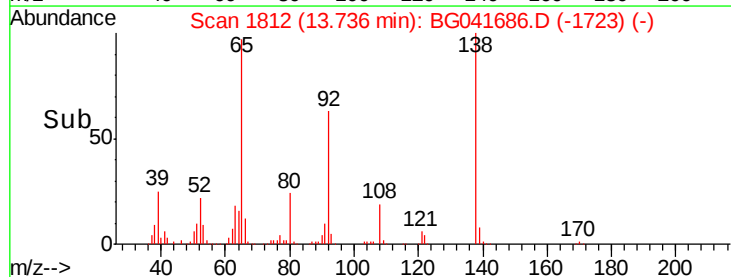
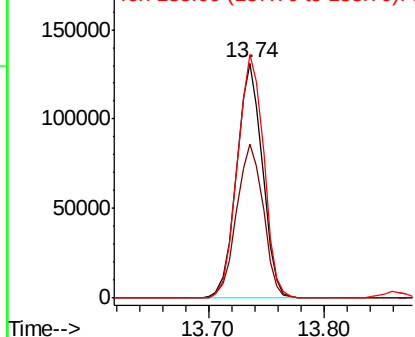


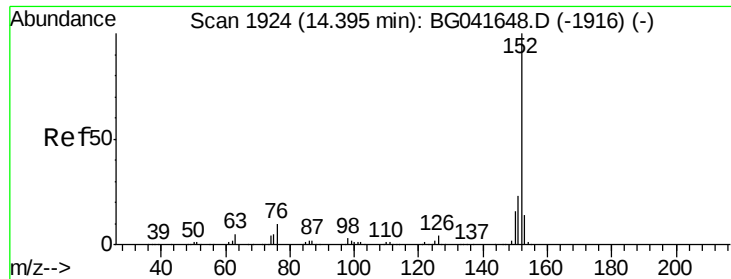
#48
2-Nitroaniline
Concen: 48.087 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.9	80.9
138	103.6	83.5	125.3



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





#49

Acenaphthylene

Concen: 45.141 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

Tot Ion:152 Resp: 1022406

Ion Ratio Lower Upper

152 100

151 22.6 18.7 28.1

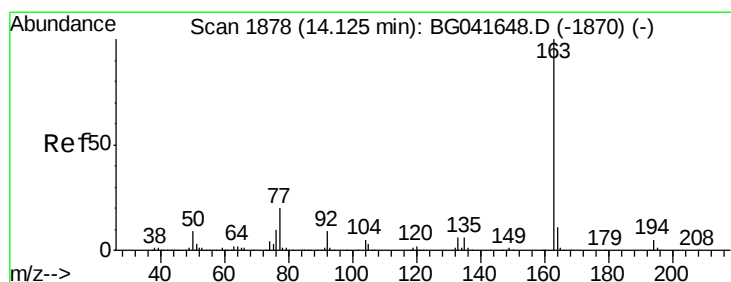
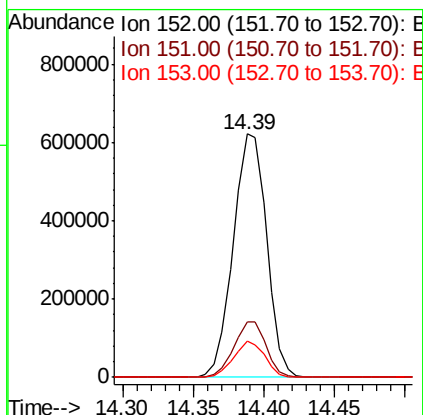
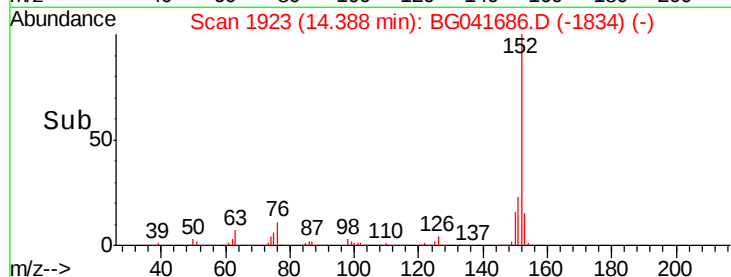
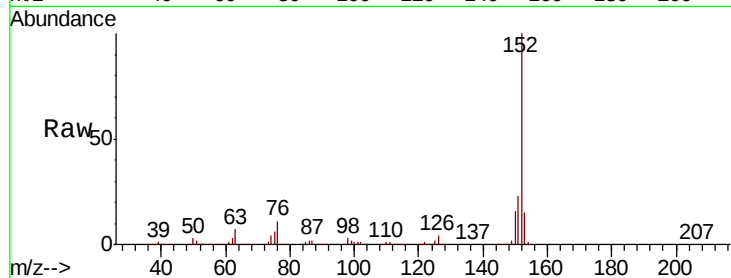
153 14.8 12.4 18.6

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#50

Dimethylphthalate

Concen: 45.591 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

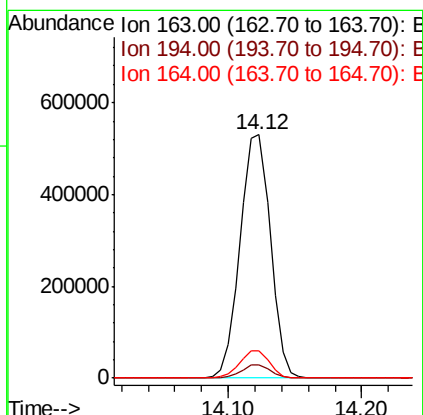
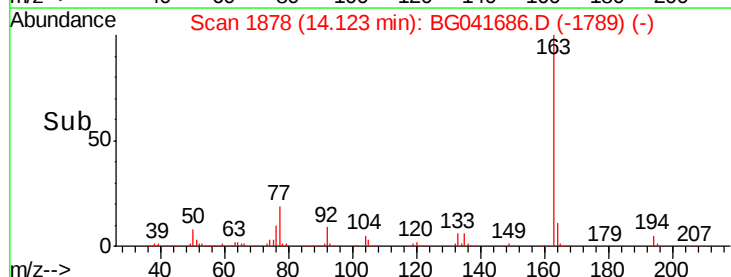
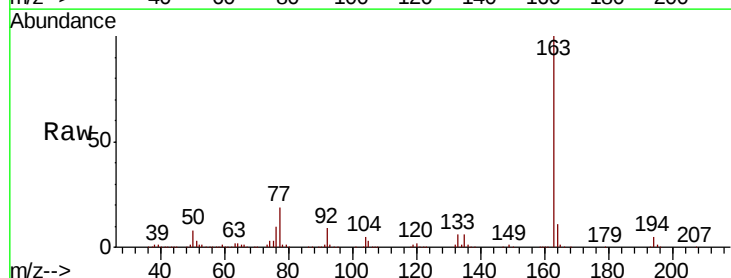
Tgt Ion:163 Resp: 832015

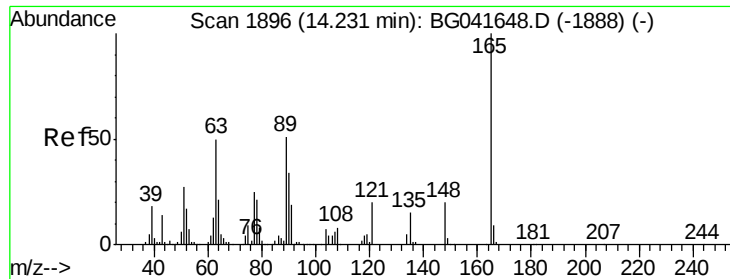
Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

164 11.1 9.4 14.2





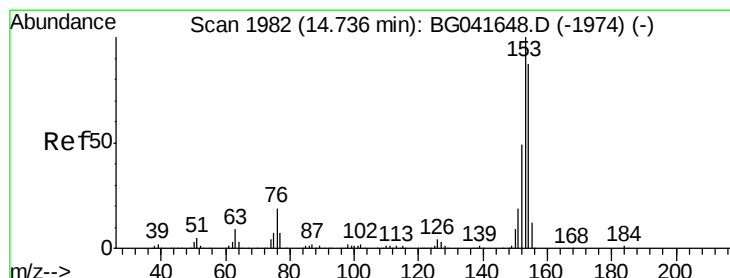
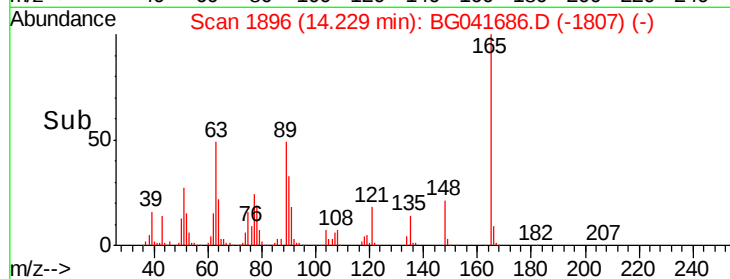
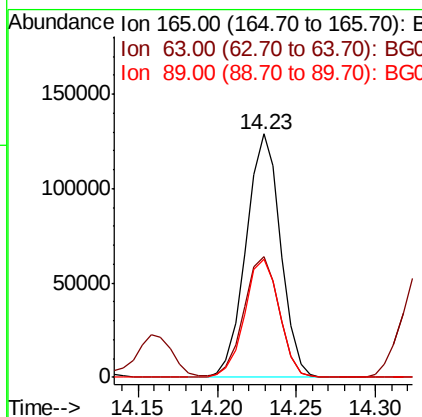
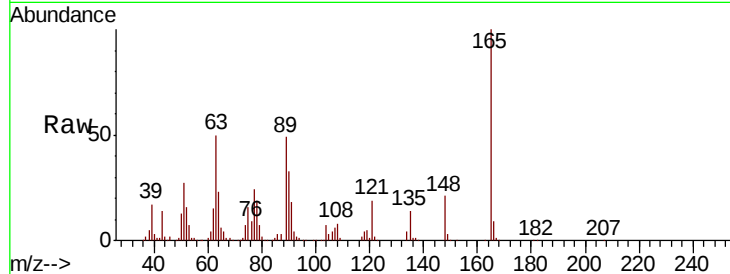
#51
2,6-Dinitrotoluene
Concen: 50.429 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	195208		
63	49.7		42.4	63.6
89	48.7		42.1	63.1

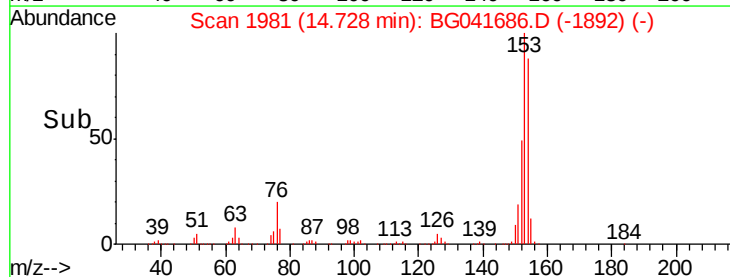
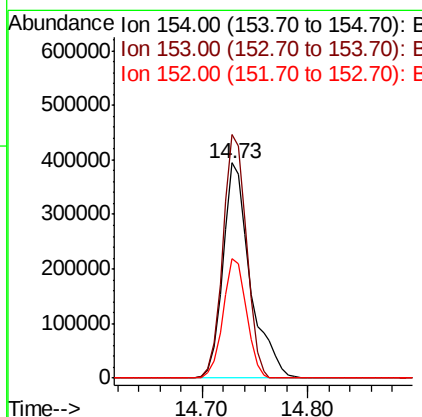
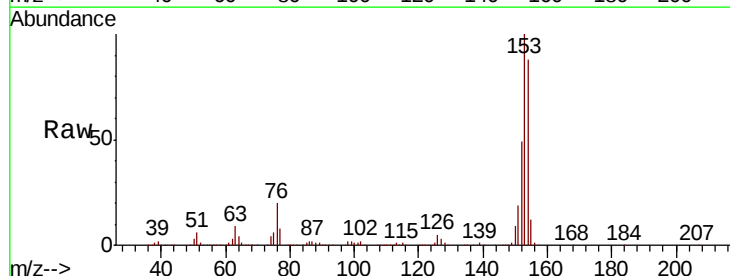
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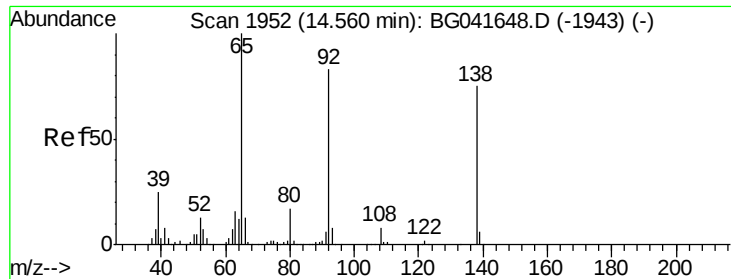
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#52
Acenaphthene
Concen: 49.330 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	704098		
153	113.1		89.8	134.6
152	55.8		44.9	67.3





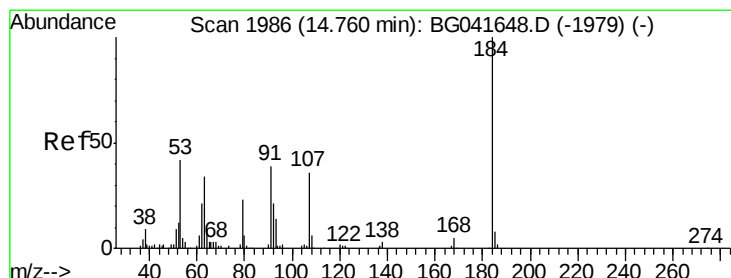
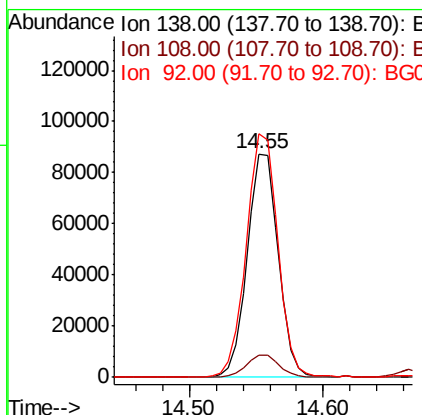
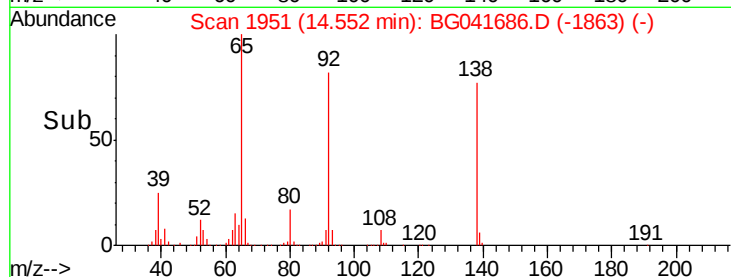
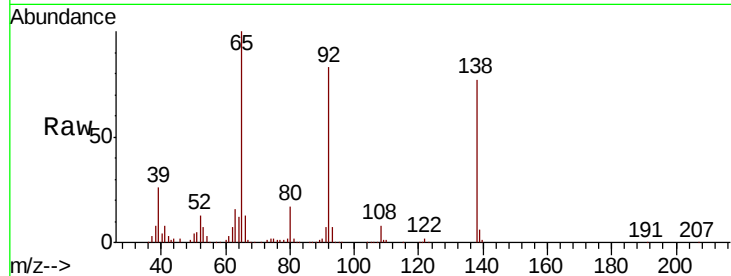
#53
3-Nitroaniline
Concen: 33.077 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	10.3	15.5#
92	109.0	93.0	139.4

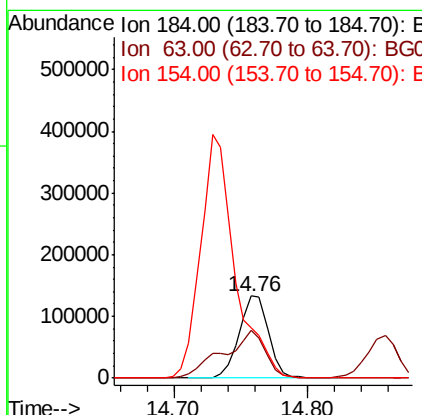
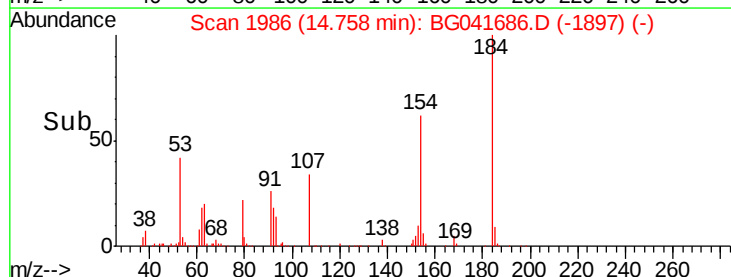
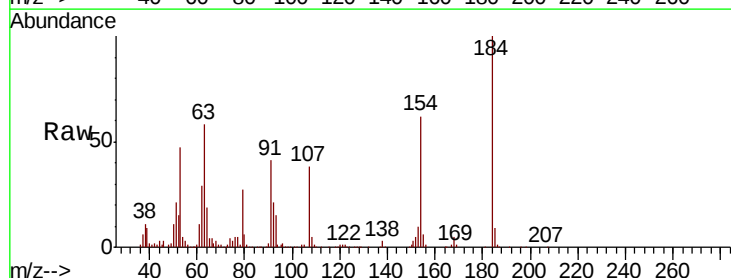
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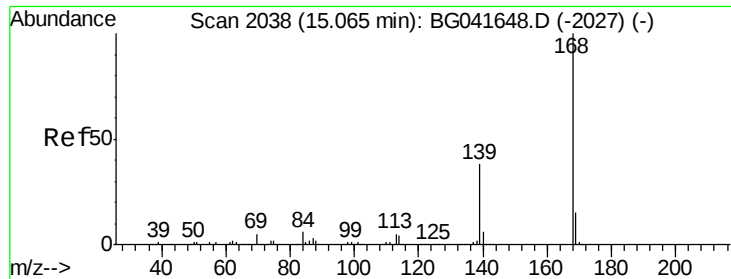
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#54
2,4-Dinitrophenol
Concen: 101.523 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	43.2	64.8
154	62.0	51.4	77.2





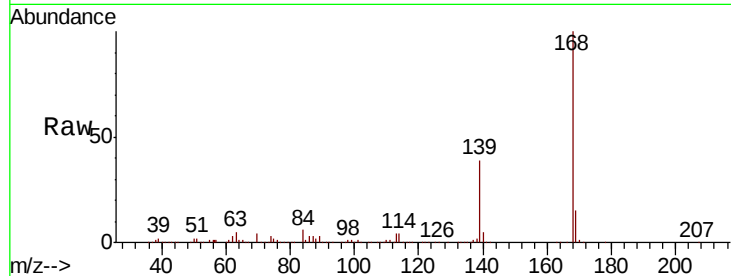
#55
Dibenzenofuran
Concen: 45.950 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.9	47.9
169	14.7	12.5	18.7

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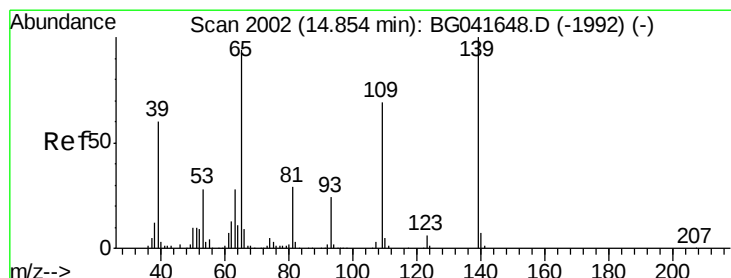
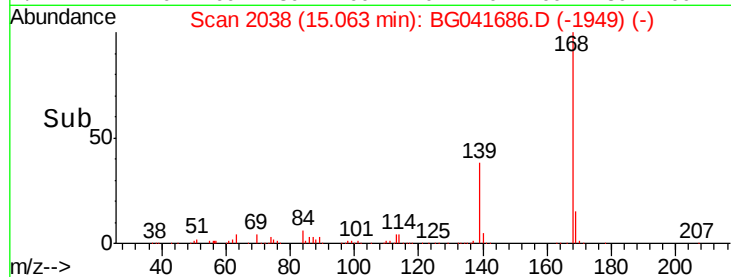
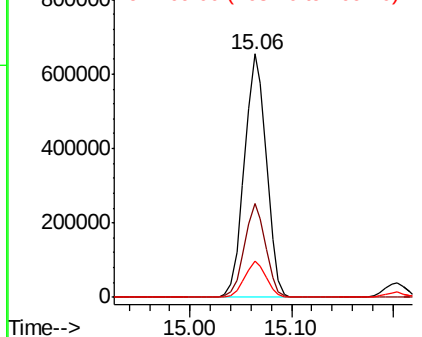


Abundance

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: 111.347 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

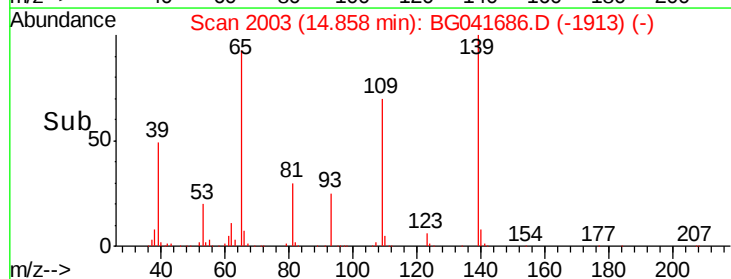
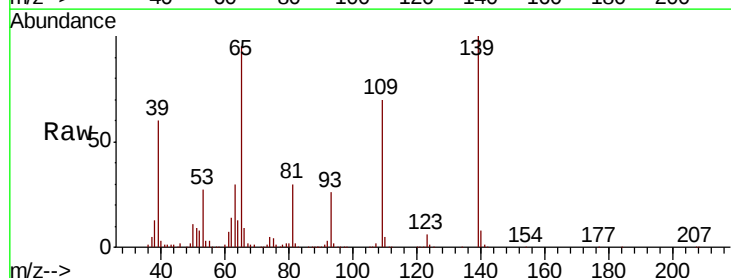
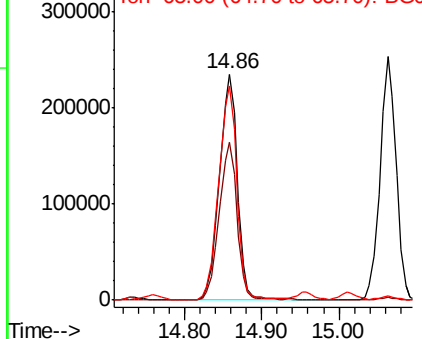
Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.6	51.3	91.3
65	94.8	77.6	117.6

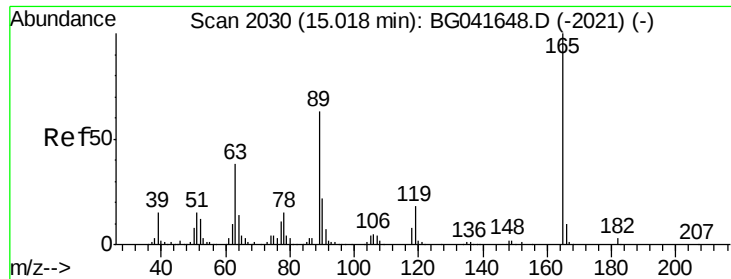
Abundance

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





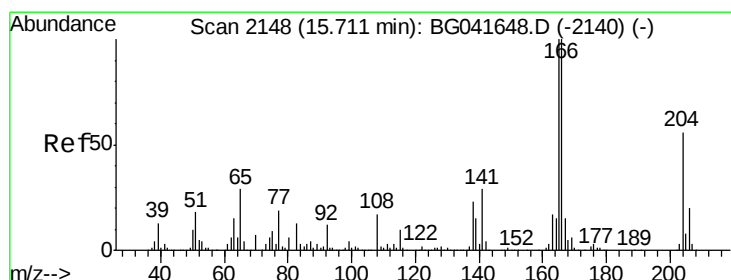
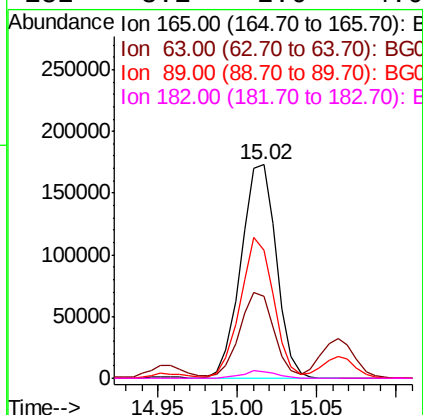
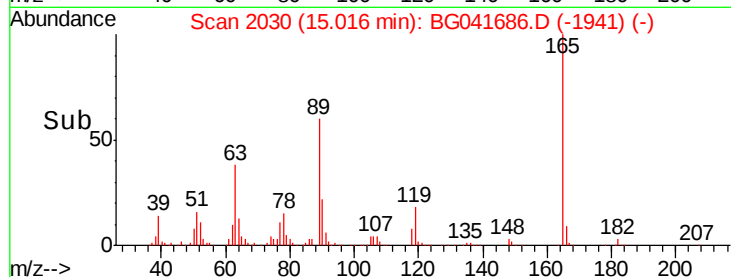
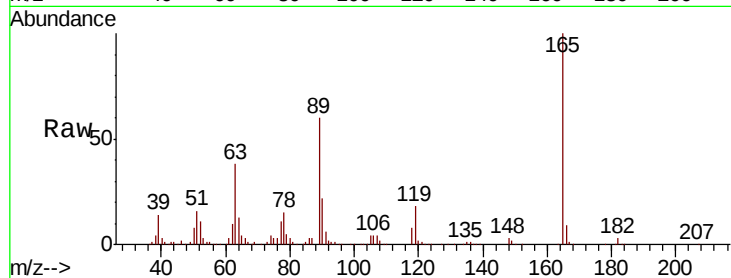
#57
 2,4-Dinitrotoluene
 Concen: 52.326 ng
 RT: 15.02 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Instrument :
 BNA_G
 ClientSampled :
 PB121423BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	267750		
63	38.3		31.7	47.5
89	60.1		50.2	75.4
182	3.1		2.6	4.0

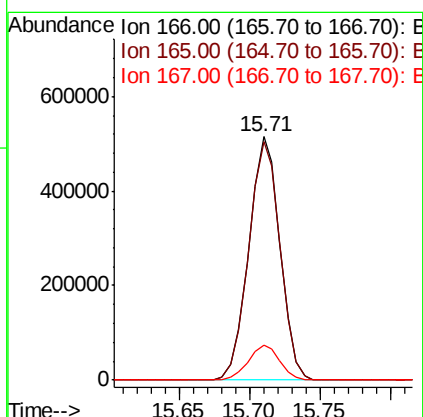
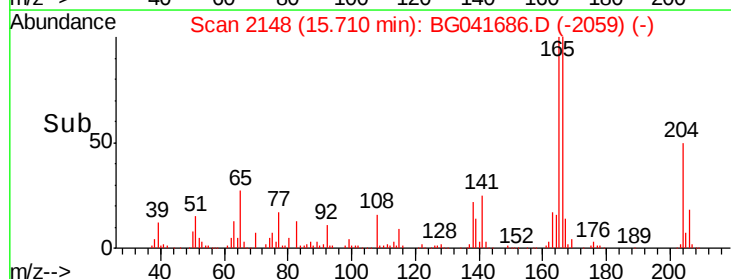
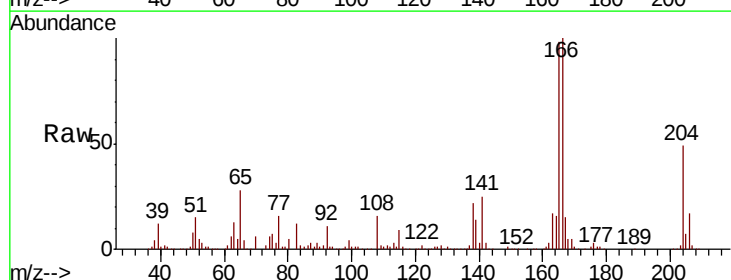
Manual Integrations
 APPROVED

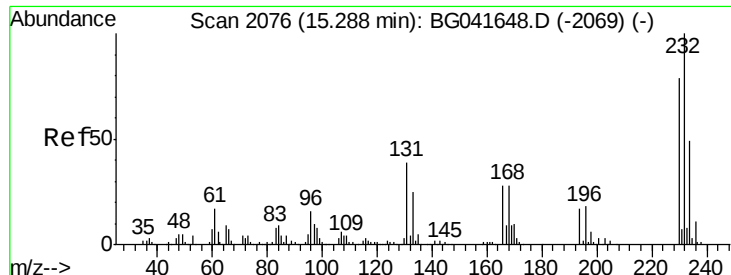
mohammad
 7/19/2019 2:24:42 PM



#58
 Fluorene
 Concen: 45.609 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	794862		
165	98.0		80.5	120.7
167	14.6		12.4	18.6





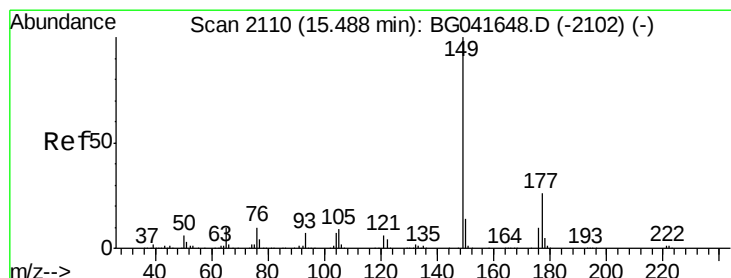
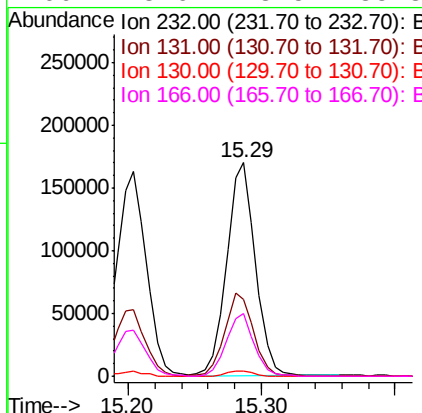
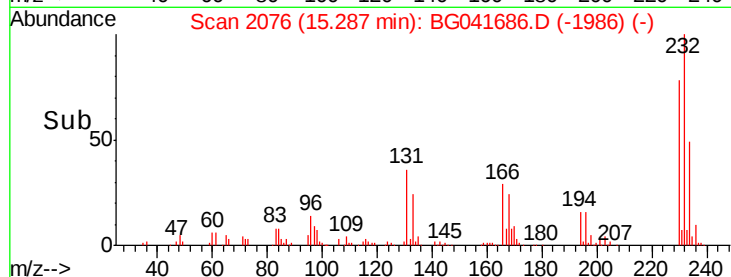
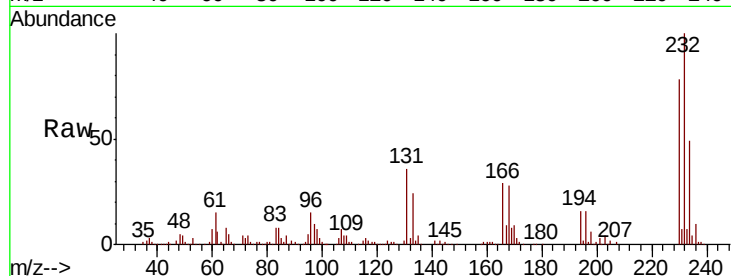
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.622 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	254648		
131	39.7		31.8	47.6
130	2.3		1.8	2.8
166	28.6		23.5	35.3

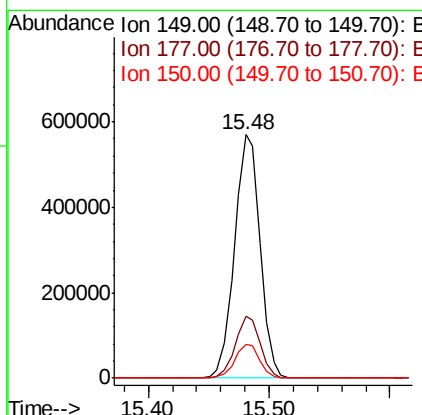
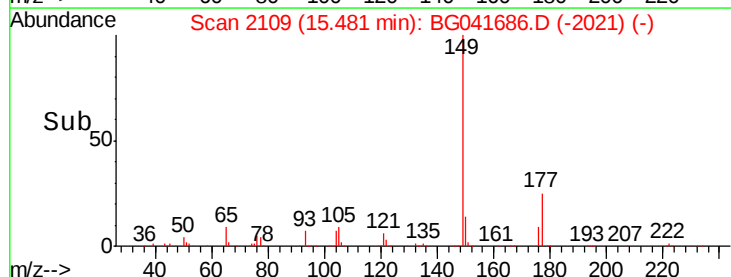
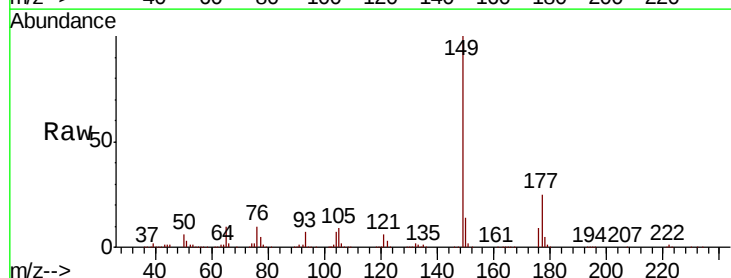
Manual Integrations
 APPROVED

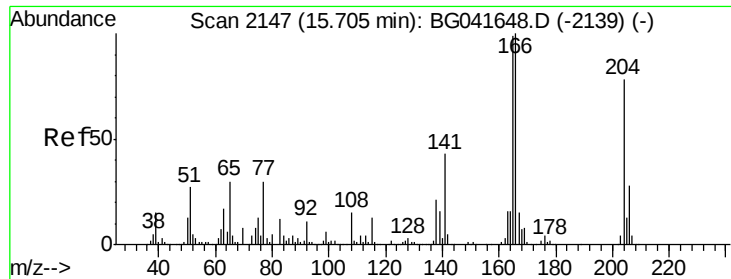
mohammad
 7/19/2019 2:24:42 PM



#60
 Diethylphthalate
 Concen: 45.471 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	835980		
177	25.4		20.7	31.1
150	13.8		11.5	17.3





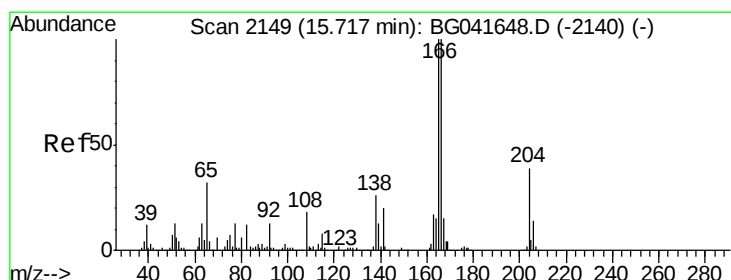
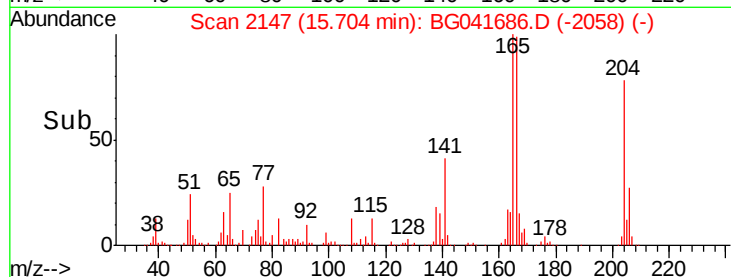
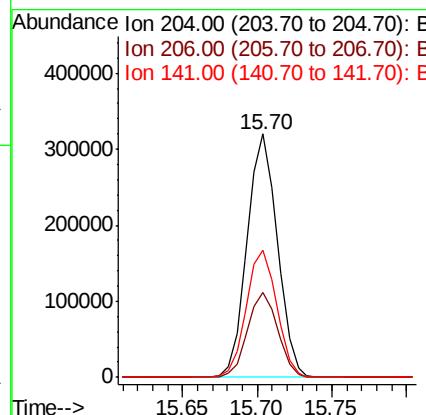
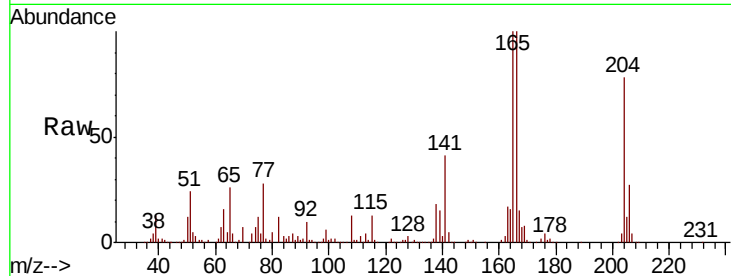
#61
 4-Chlorophenyl-phenylether
 Concen: 45.494 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	28.6	42.8
141	52.1	42.9	64.3

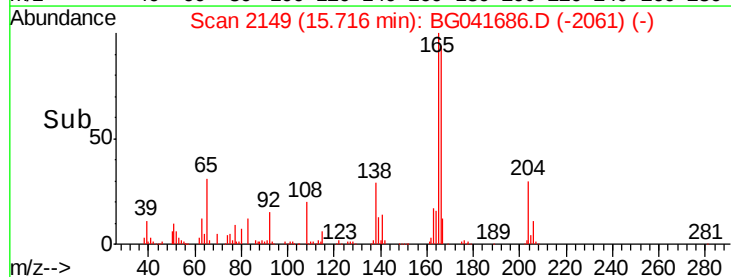
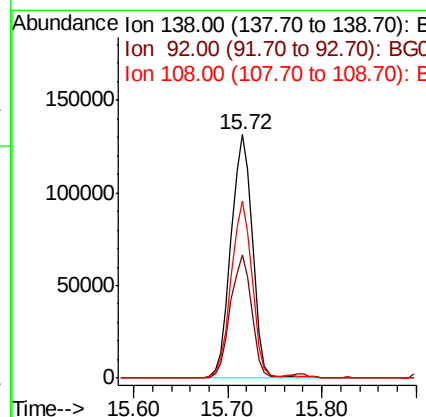
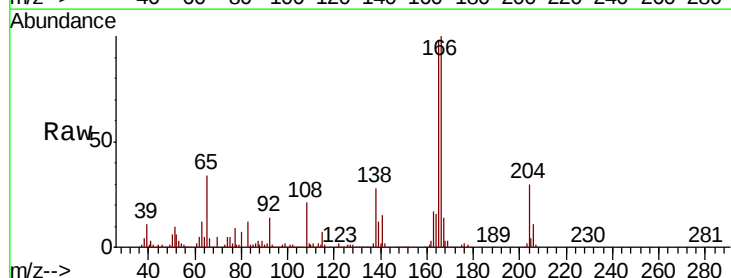
Manual Integrations
 APPROVED

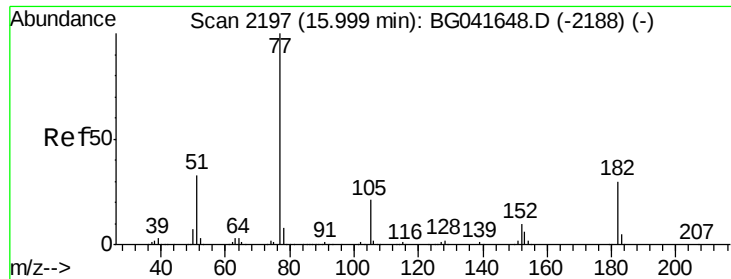
mohammad
 7/19/2019 2:24:42 PM



#62
 4-Nitroaniline
 Concen: 46.698 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.8	69.8
108	72.7	52.2	92.2





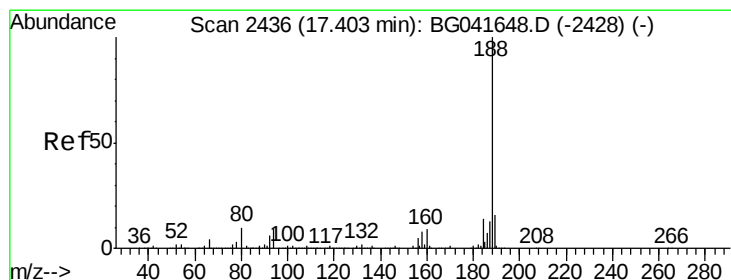
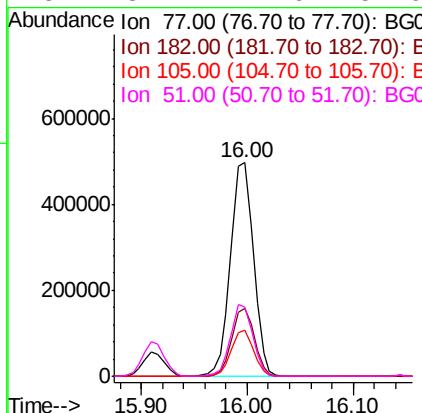
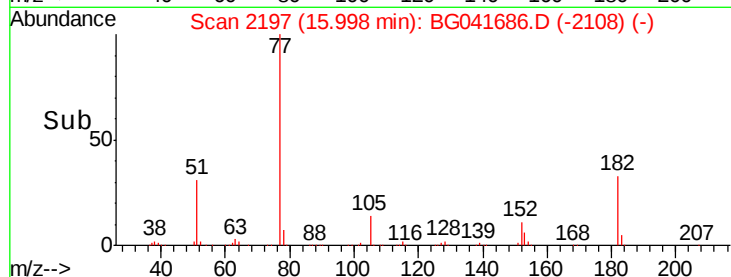
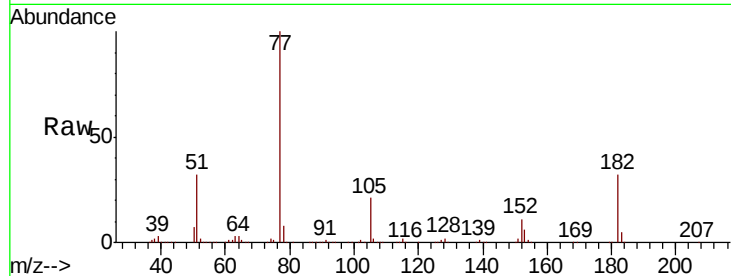
#63
Azobenzene
Concen: 44.898 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.7	13.2	53.2
105	21.3	2.2	42.2
51	32.4	14.6	54.6

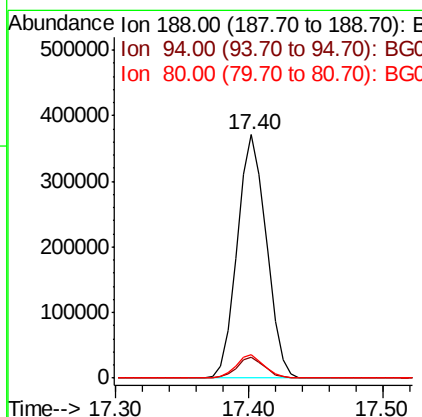
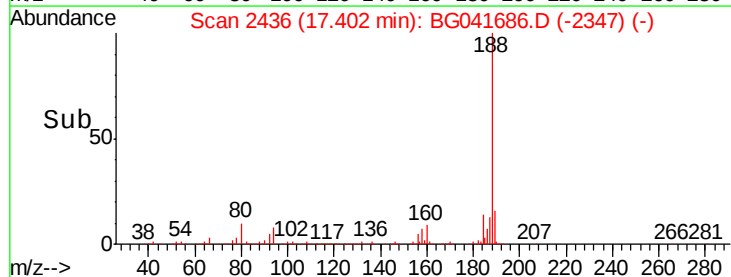
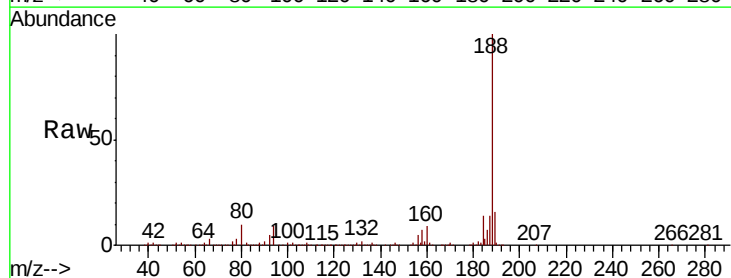
Manual Integrations
APPROVED

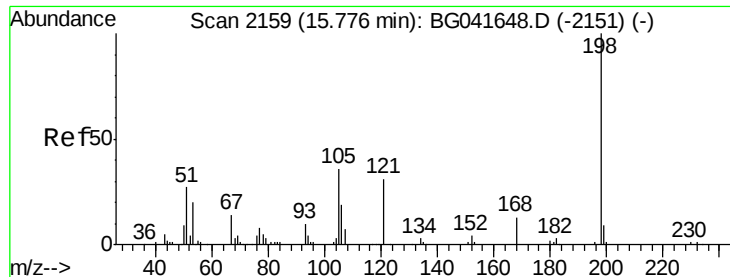
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.7	8.0	12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 52.626 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

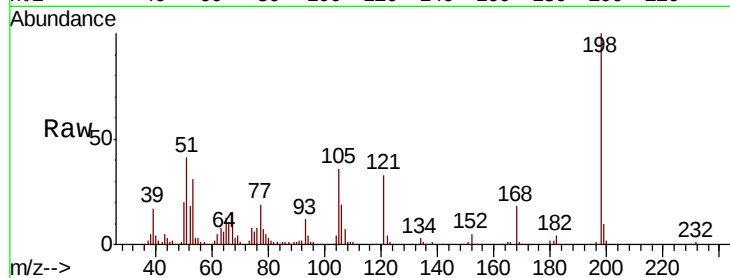
ClientSampled :

PB121423BS

Tot Ion:	198	Resp:	141758
Ion Ratio	Lower	Upper	
198	100		
51	40.9	22.3	62.3
105	36.3	18.0	58.0

Manual Integrations
APPROVED

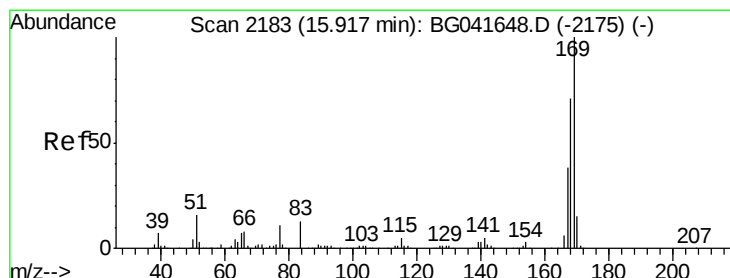
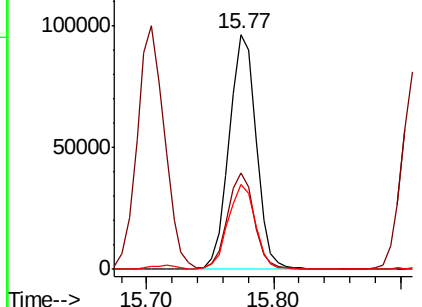
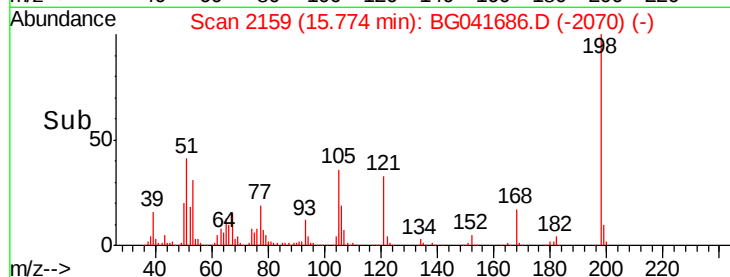
mohammad
7/19/2019 2:24:42 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041686.D (-2094) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.635 ng

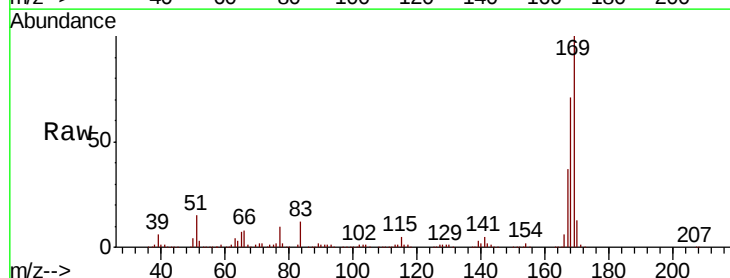
RT: 15.92 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

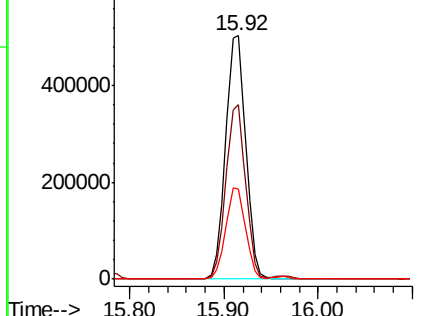
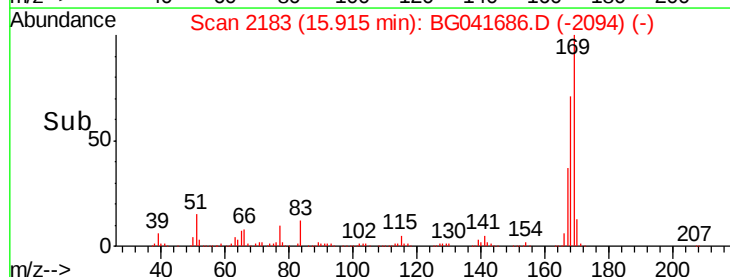
Tgt Ion:	169	Resp:	749786
Ion Ratio	Lower	Upper	
169	100		
168	71.5	56.9	85.3
167	37.1	31.5	47.3

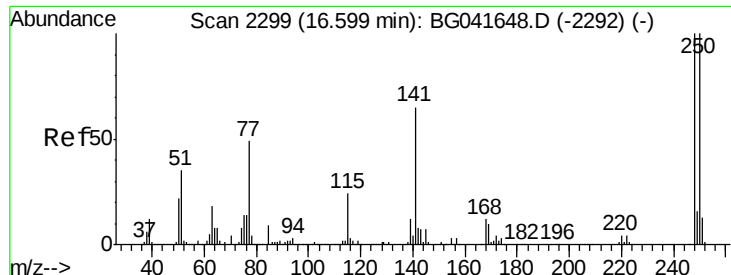


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





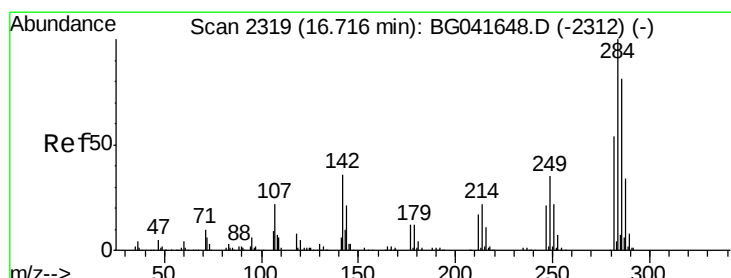
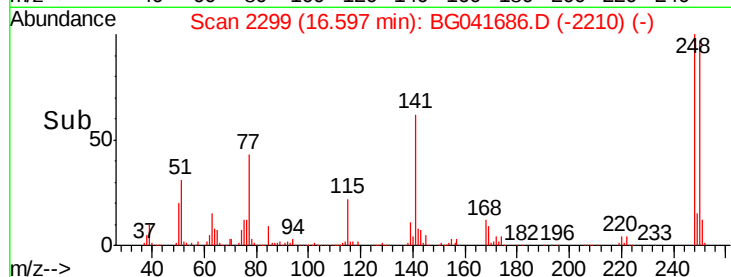
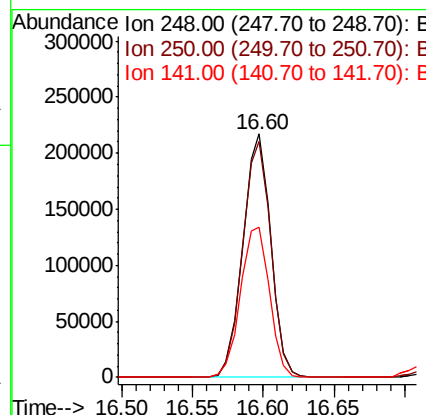
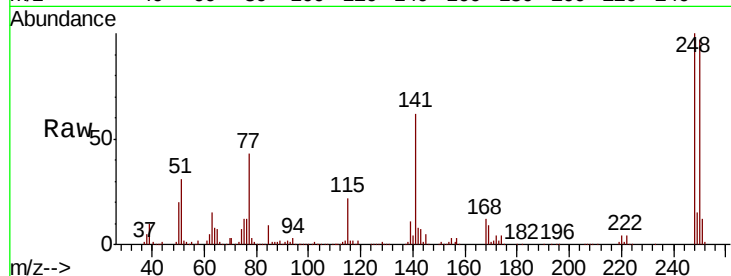
#67
 4-Bromophenyl-phenylether
 Concen: 44.909 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	298966		
250	96.7		78.1	117.1
141	61.8		49.6	74.4

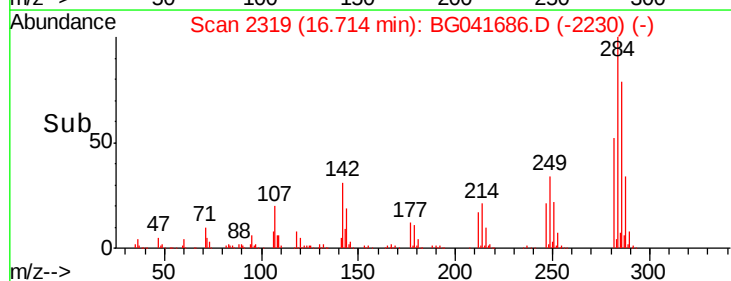
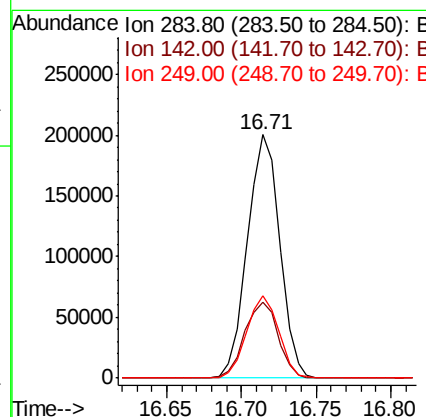
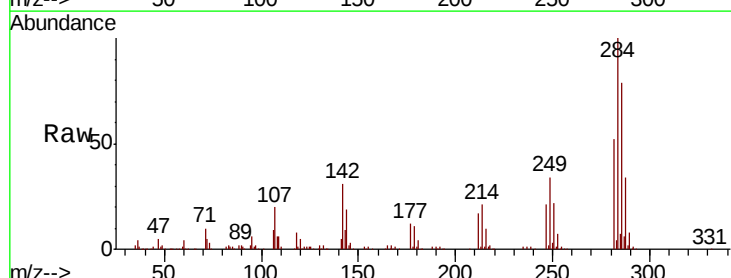
Manual Integrations
 APPROVED

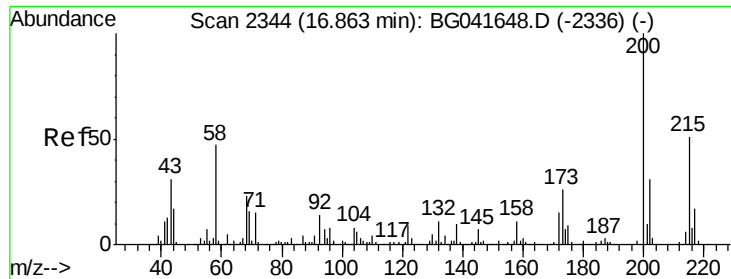
mohammad
 7/19/2019 2:24:42 PM



#68
 Hexachlorobenzene
 Concen: 44.773 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	300144		
142	31.1		27.0	40.6
249	33.8		28.4	42.6





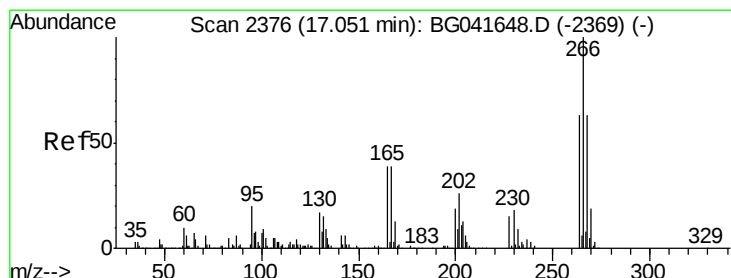
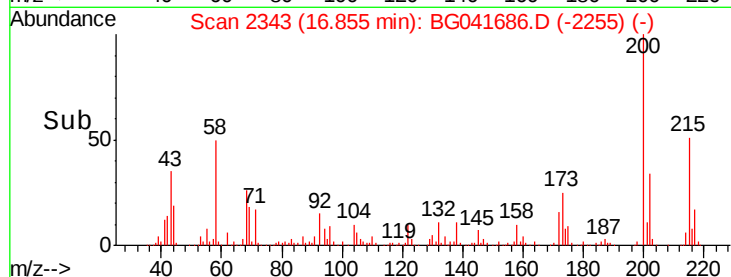
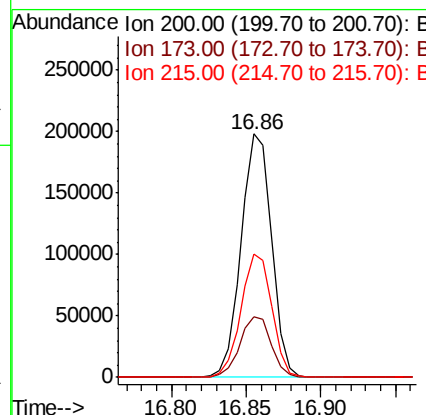
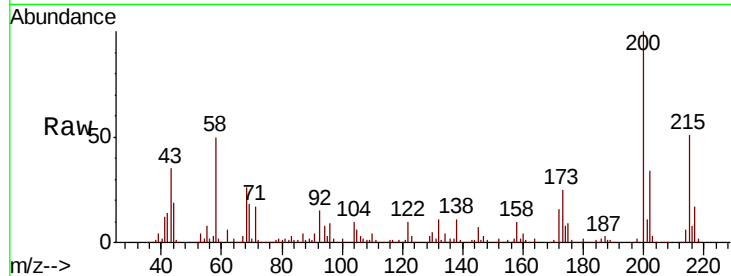
#69
Atrazine
Concen: 47.262 ng
RT: 16.86 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampled :
PB121423BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	5.3	45.3
215	50.9	31.8	71.8

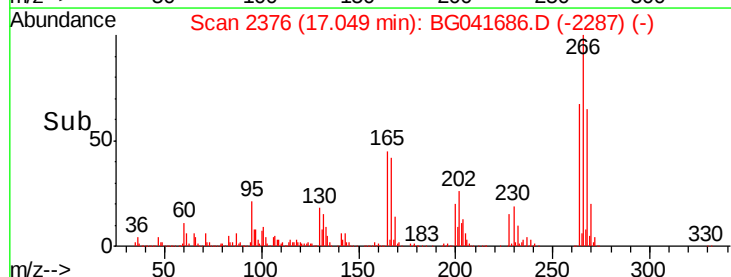
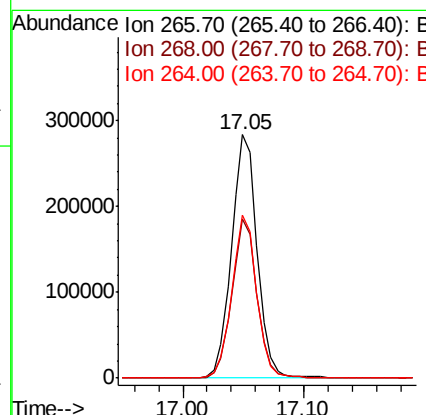
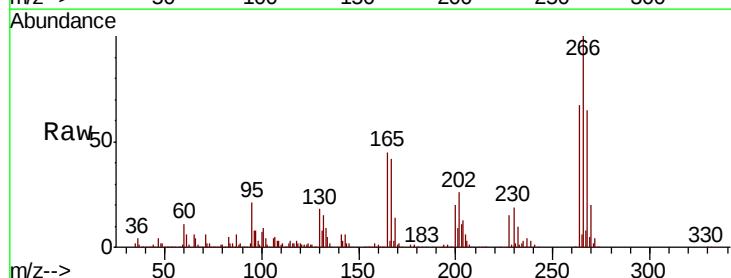
Manual Integrations
APPROVED

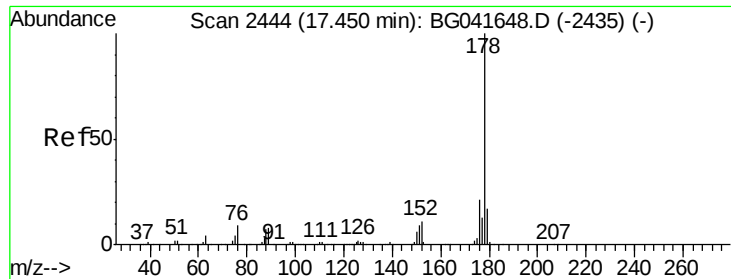
mohammad
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#70
Pentachlorophenol
Concen: 99.764 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.9	79.3
264	66.9	51.4	77.2





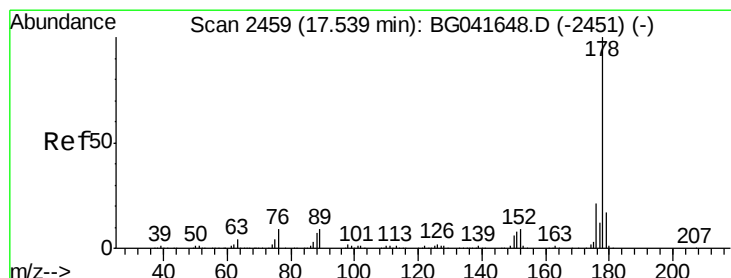
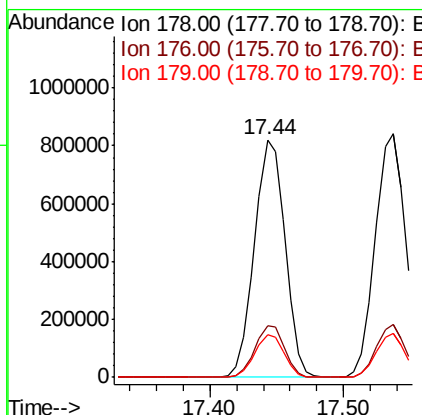
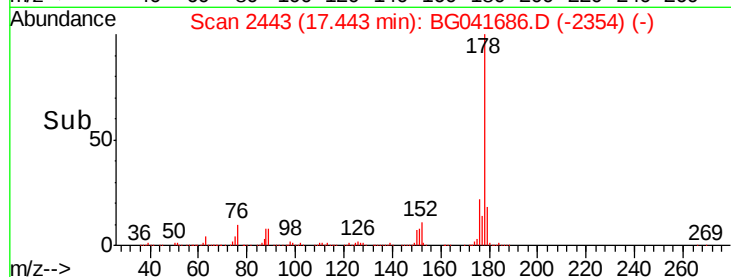
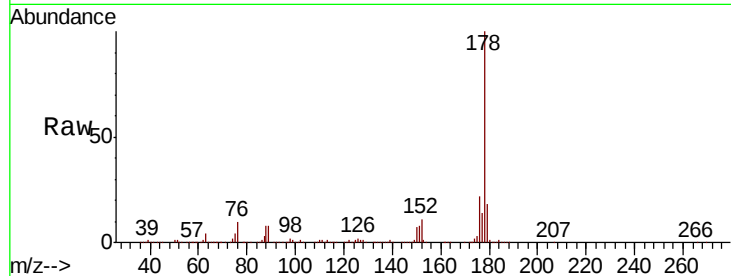
#71
Phenanthrene
Concen: 45.949 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:178 Resp: 1294655
Ion Ratio Lower Upper
178 100
176 21.6 18.6 28.0
179 17.8 15.4 23.0

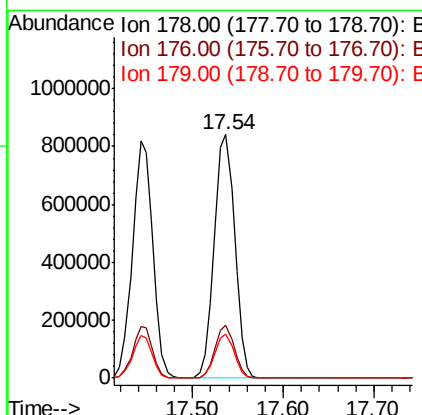
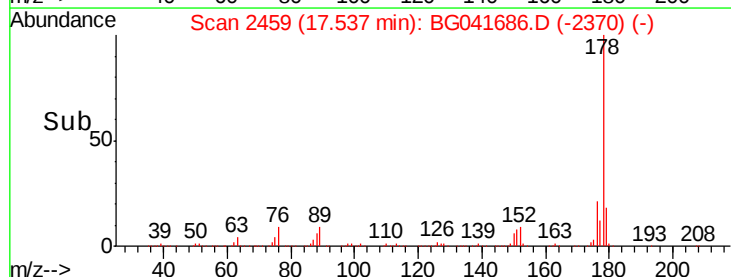
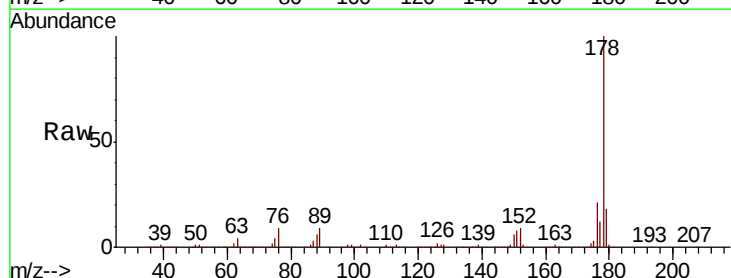
Manual Integrations
APPROVED

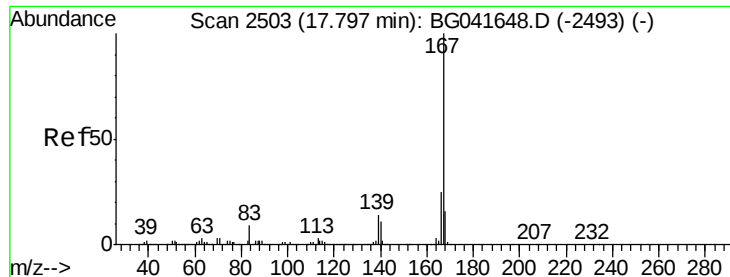
mohammad
7/19/2019 2:24:42 PM



#72
Anthracene
Concen: 47.053 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:178 Resp: 1321511
Ion Ratio Lower Upper
178 100
176 21.5 18.6 28.0
179 17.8 15.1 22.7





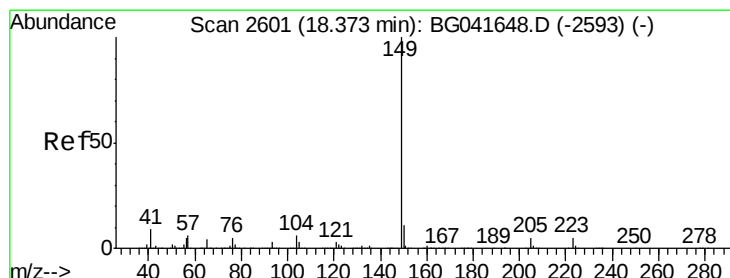
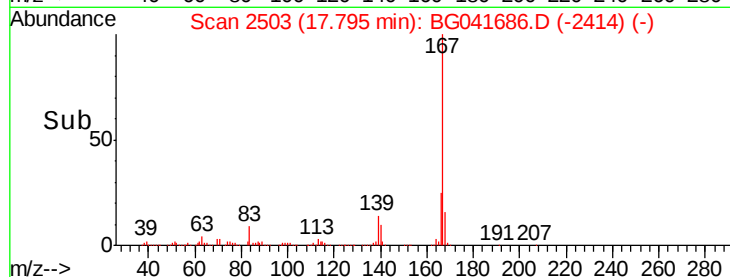
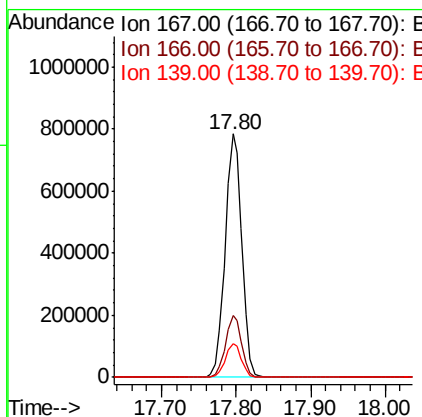
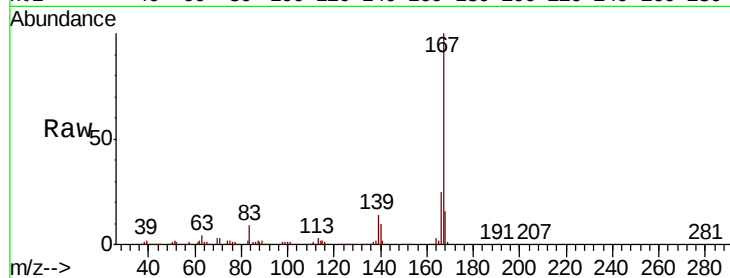
#73
 Carbazole
 Concen: 46.837 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121423BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.4	21.4	32.2
139	13.8	12.1	18.1

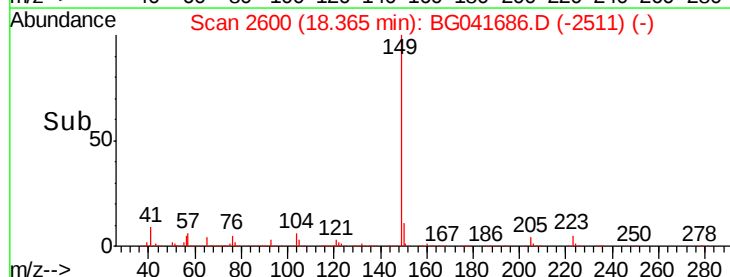
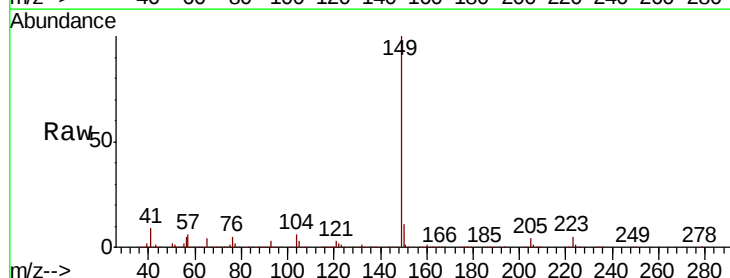
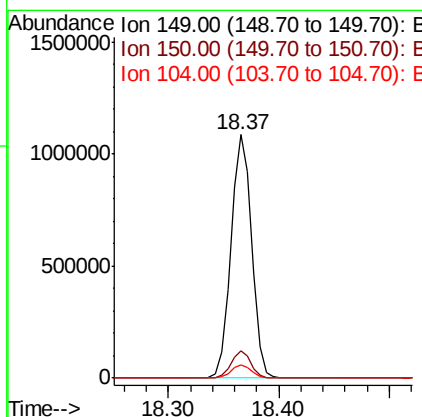
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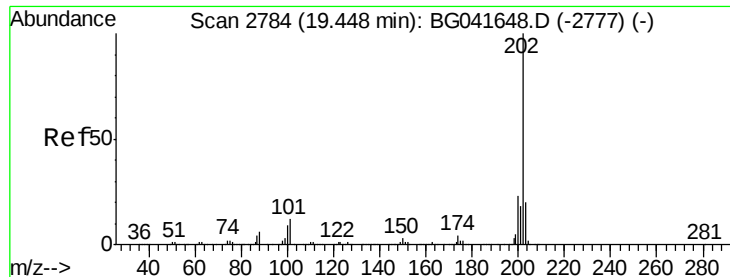
mohammad
 7/19/2019 2:24:42 PM



#74
 Di-n-butylphthalate
 Concen: 44.913 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG041686.D
 Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.1	10.2	15.2
104	5.7	5.3	7.9





#75

Fluoranthene

Concen: 46.151 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

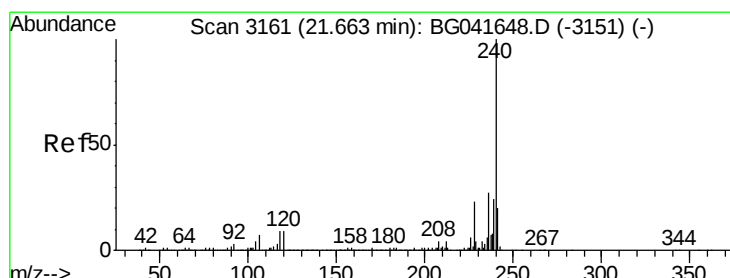
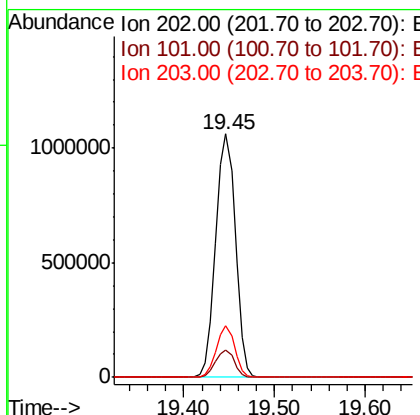
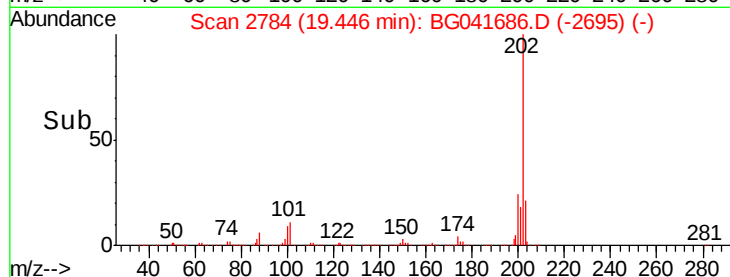
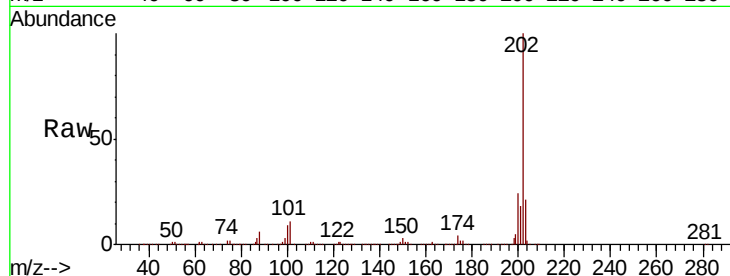
ClientSampled :

PB121423BS

Tot Ion:	202	Resp:	1596702
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	32.8
203	21.2	3.7	43.7

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#76

Chrysene-d12

Concen: 20.000 ng

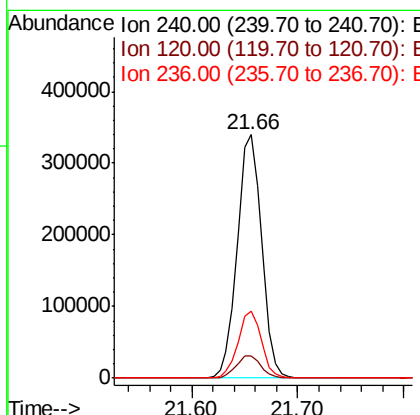
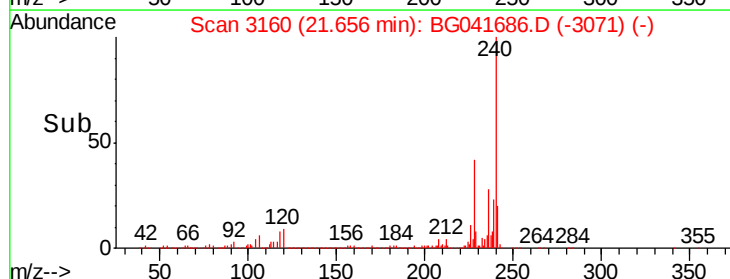
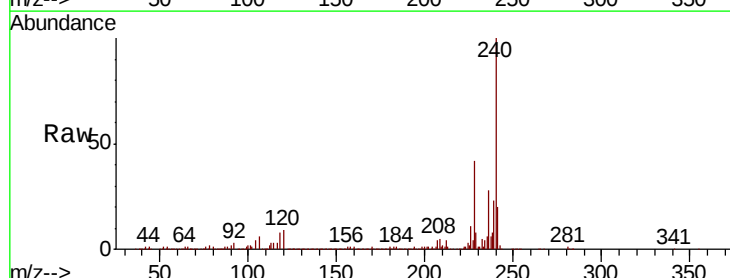
RT: 21.66 min Scan# 3160

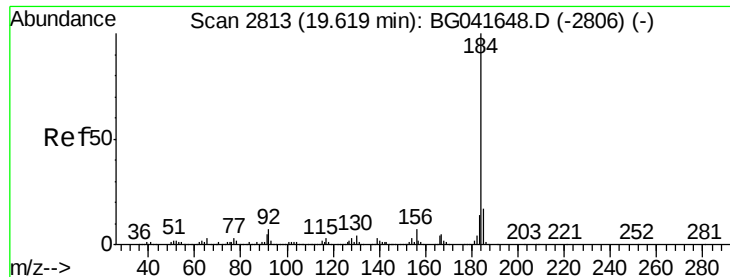
Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion:	240	Resp:	539693
Ion Ratio	Lower	Upper	
240	100		
120	8.9	8.0	12.0
236	27.7	22.6	33.8





#77

Benzidine

Concen: 43.630 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

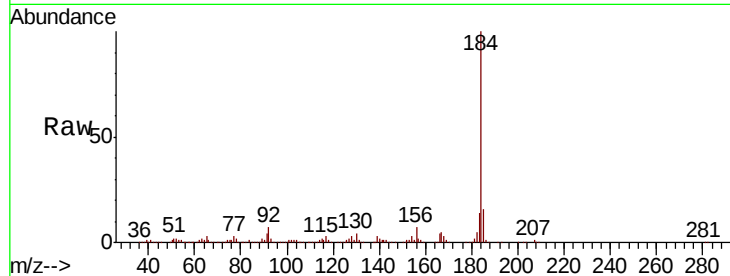
ClientSampleId :

PB121423BS

Tot Ion:	184	Resp:	810722
Ion Ratio	Lower	Upper	
184	100		
185	16.2	13.0	19.4
183	13.8	11.8	17.6

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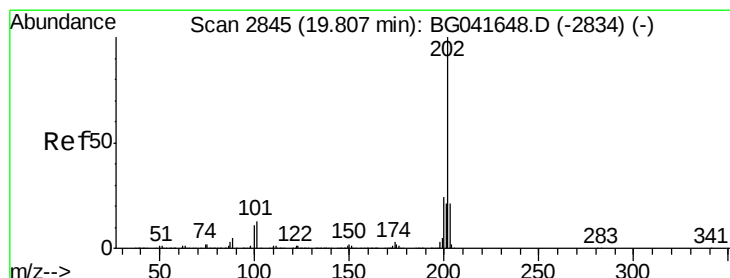
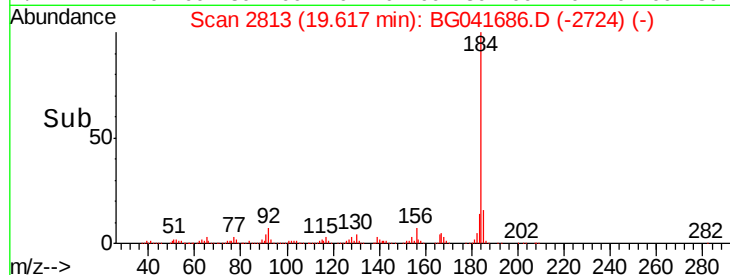
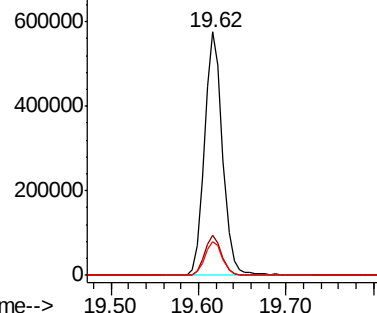


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.957 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

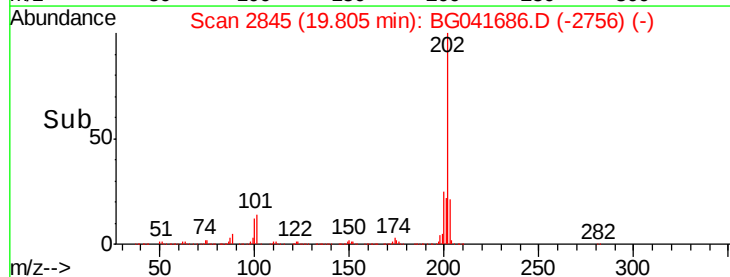
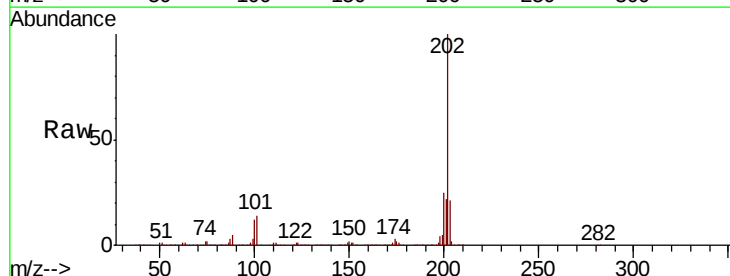
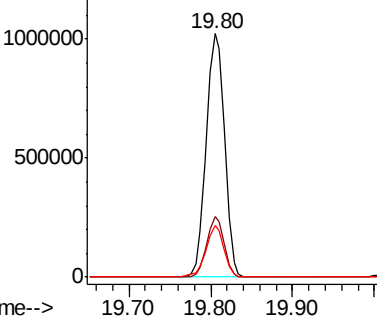
Tgt Ion:	202	Resp:	1604461
Ion Ratio	Lower	Upper	
202	100		
200	25.1	22.2	33.2
203	21.1	18.9	28.3

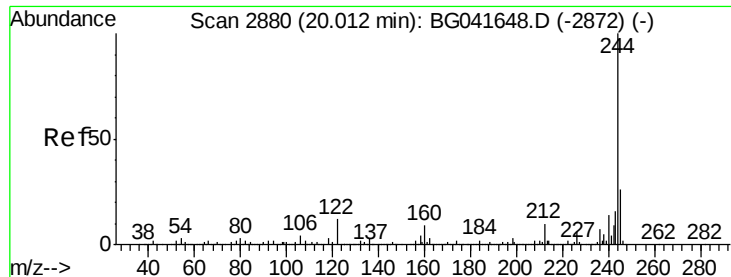
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.015 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

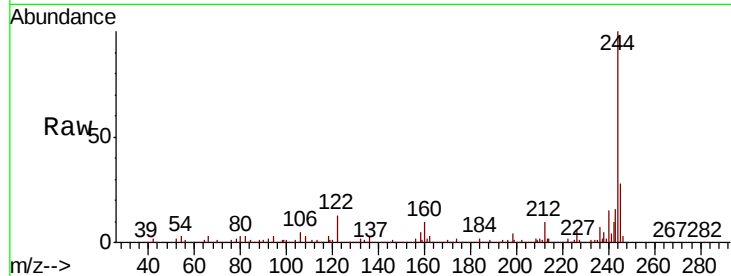
ClientSampleId :

PB121423BS

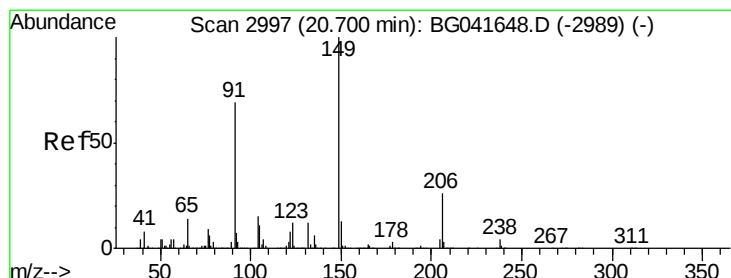
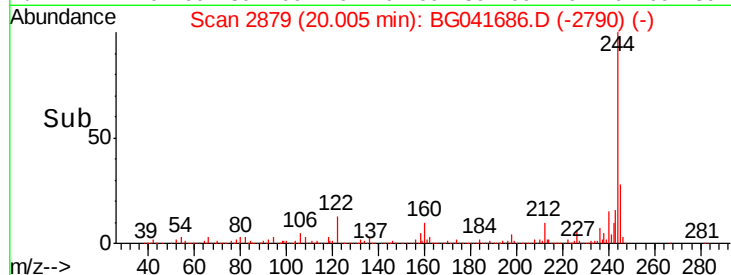
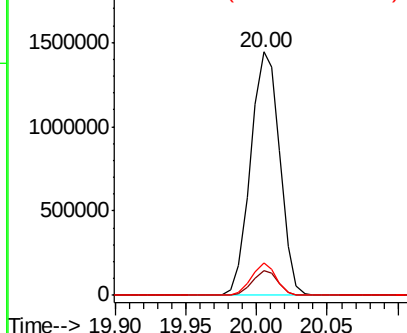
Tot Ion:	244	Resp:	2101961
Ion	Ratio	Lower	Upper
244	100		
212	10.2	9.7	14.5
122	13.2	12.5	18.7

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.953 ng

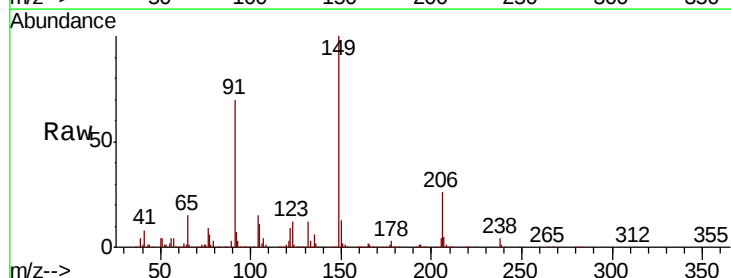
RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

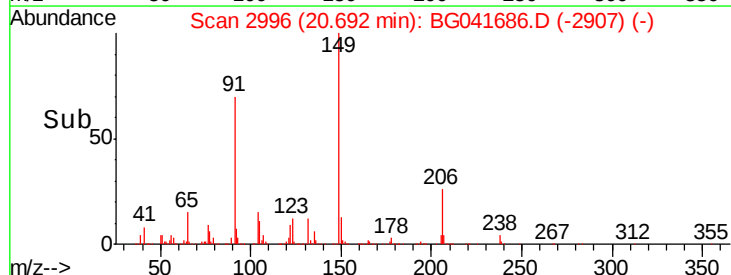
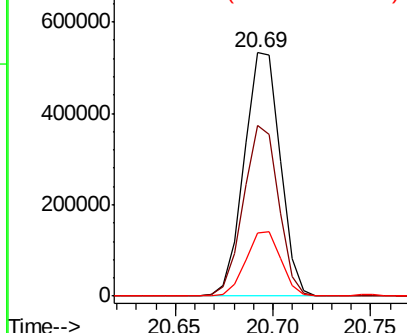
Lab File: BG041686.D

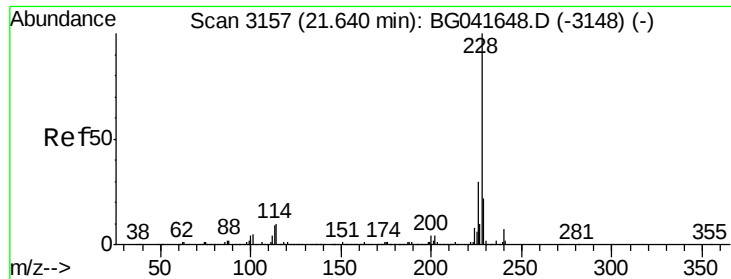
Acq: 17 Jul 2019 12:49

Tgt Ion:	149	Resp:	681832
Ion	Ratio	Lower	Upper
149	100		
91	70.0	58.9	88.3
206	25.9	20.8	31.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.330 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

Tot Ion:228 Resp: 1545774

Ion Ratio Lower Upper

228 100

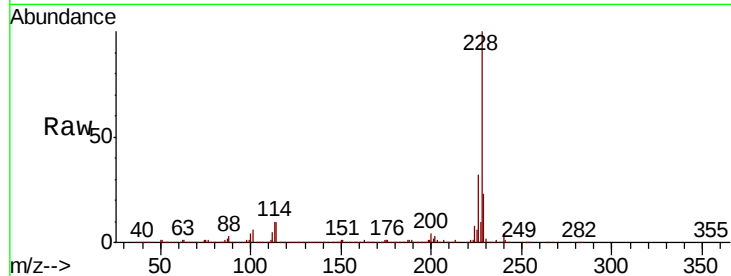
226 31.9 27.3 40.9

229 23.4 19.7 29.5

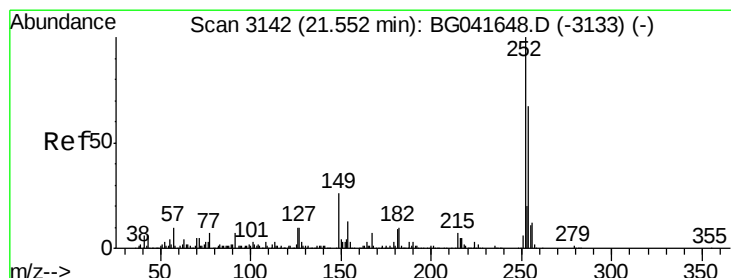
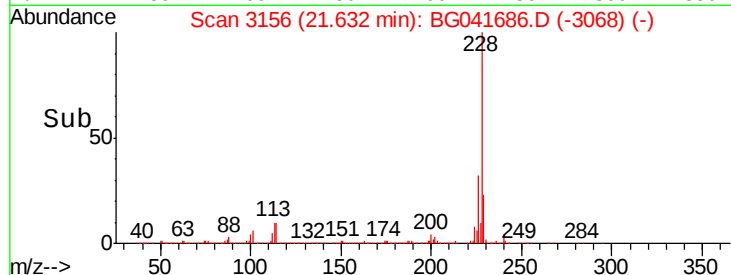
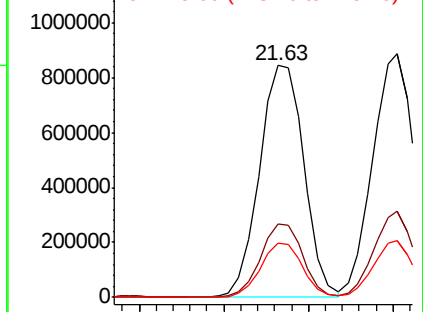
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.249 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

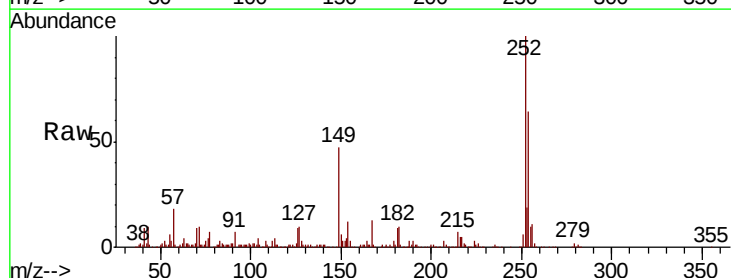
Tgt Ion:252 Resp: 511122

Ion Ratio Lower Upper

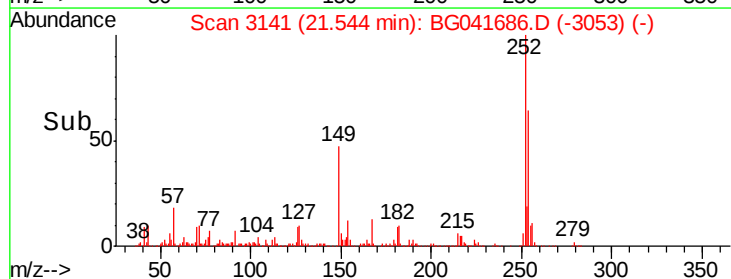
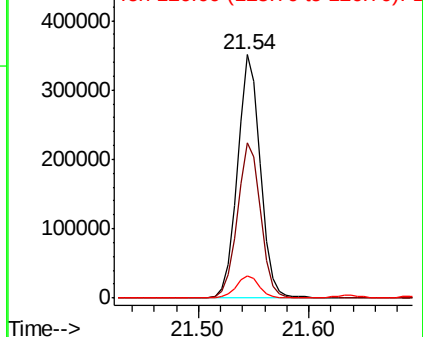
252 100

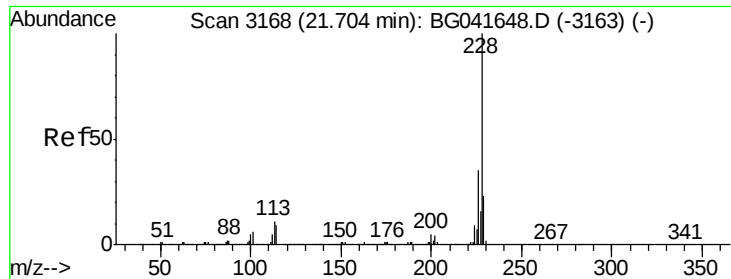
254 64.0 53.8 80.6

126 9.1 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





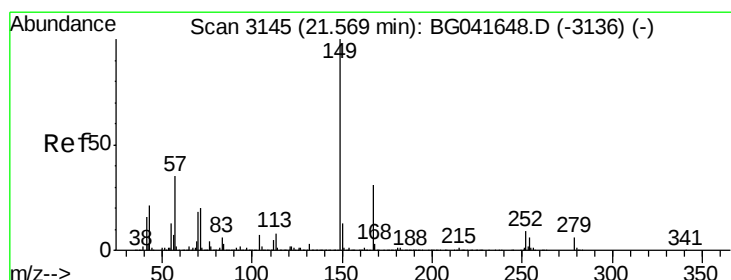
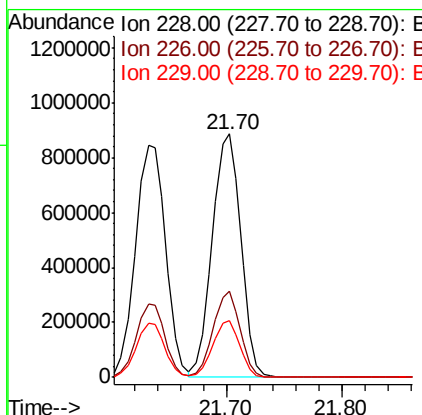
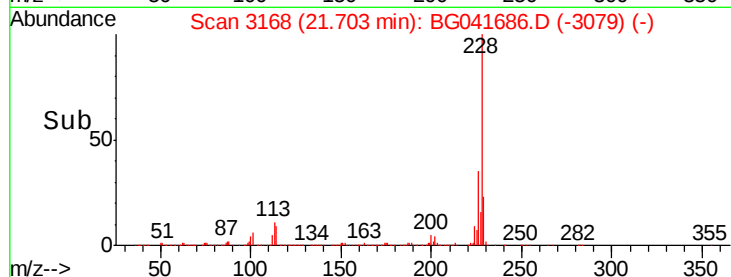
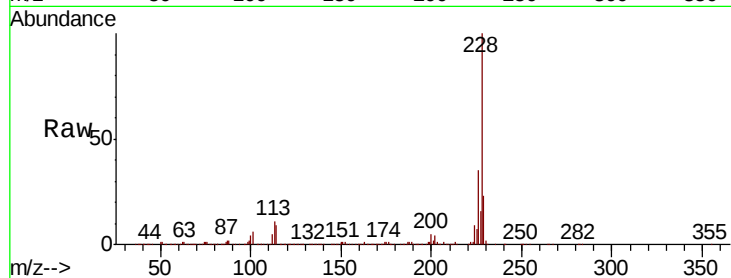
#83
Chrysene
Concen: 45.477 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:228 Resp: 1515280
Ion Ratio Lower Upper
228 100
226 35.2 30.1 45.1
229 23.3 19.8 29.6

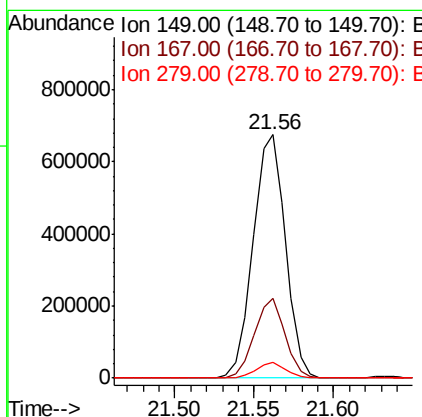
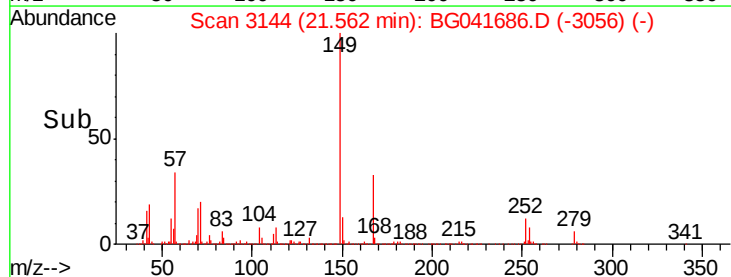
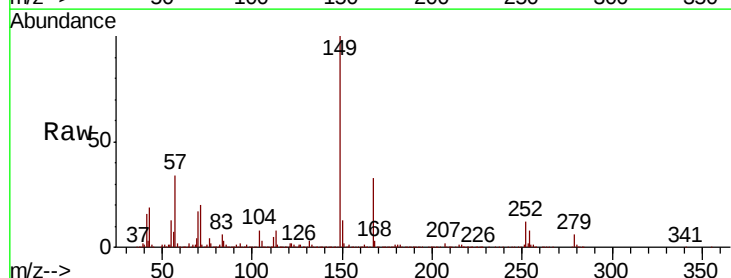
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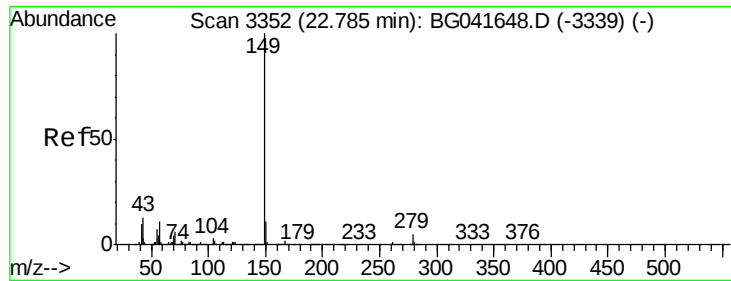
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.650 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:149 Resp: 956206
Ion Ratio Lower Upper
149 100
167 32.6 27.0 40.4
279 6.3 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 45.109 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

ClientSampleId :

PB121423BS

Tot Ion:149 Resp: 1645144

Ion Ratio Lower Upper

149 100

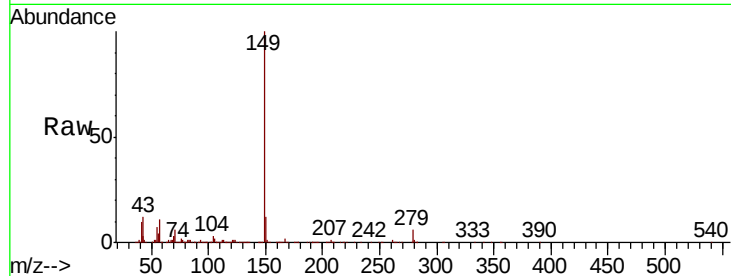
167 1.9 1.6 2.4

43 11.8 10.6 16.0

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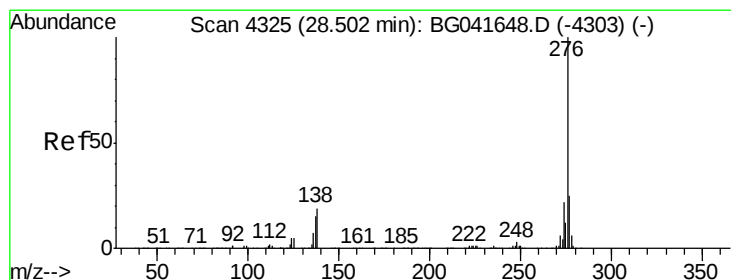
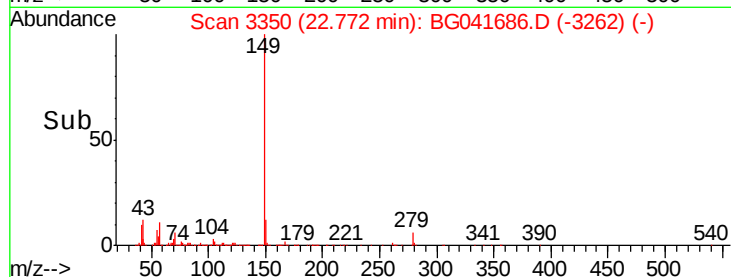
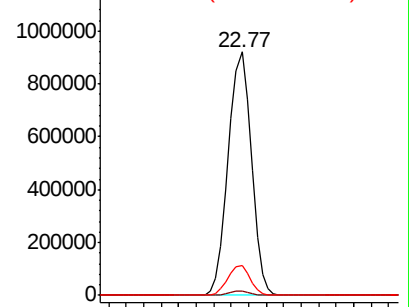
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.519 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.03 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

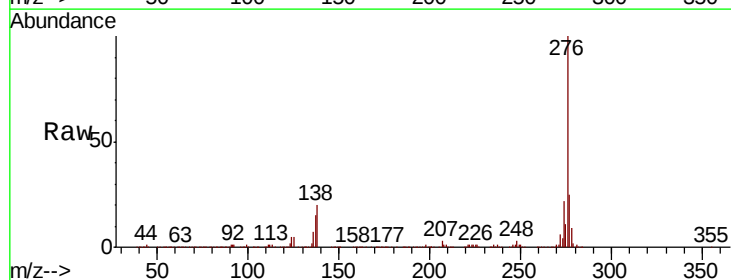
Tgt Ion:276 Resp: 1957254

Ion Ratio Lower Upper

276 100

138 16.3 19.4 29.0#

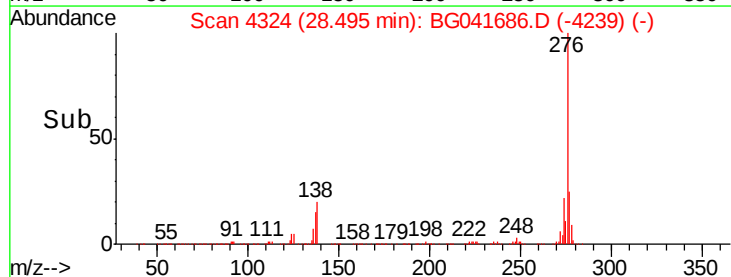
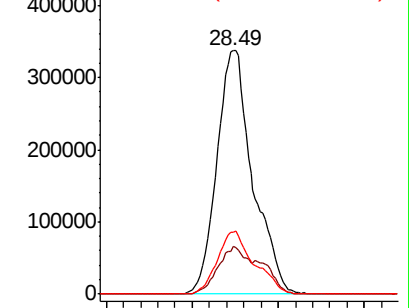
277 26.5 21.2 31.8

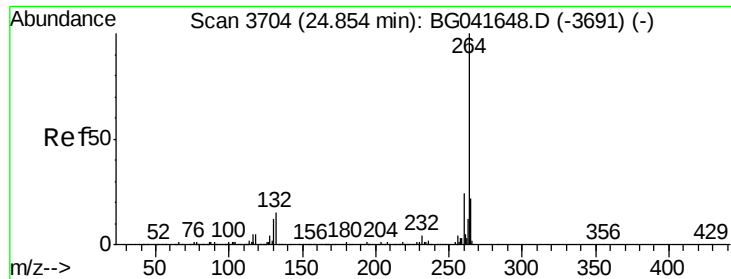


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.85 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Instrument :

BNA_G

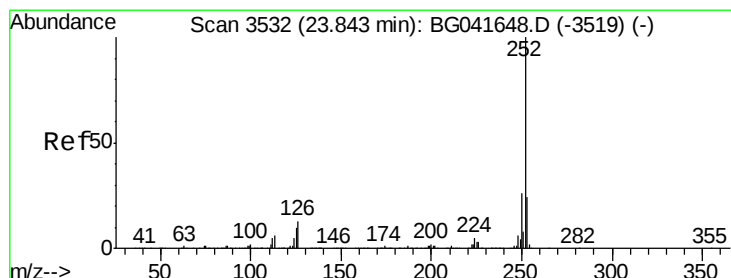
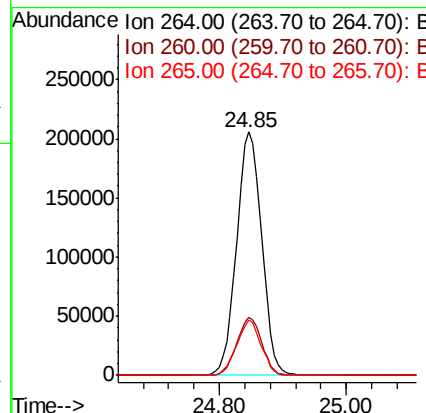
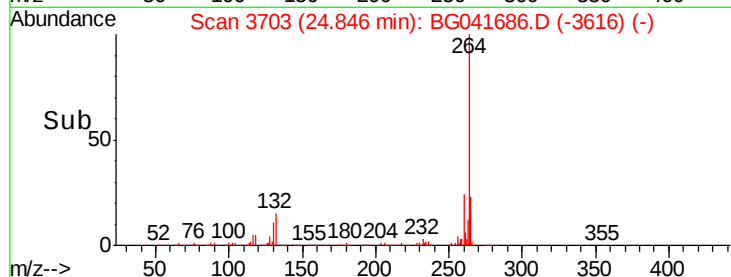
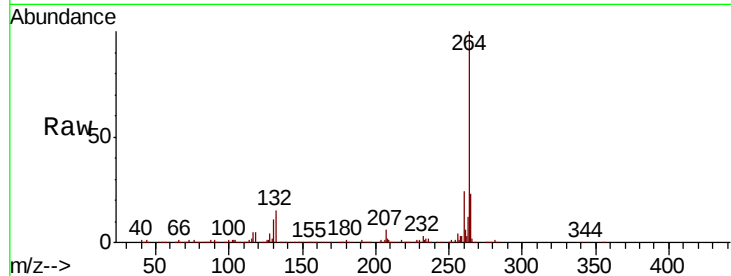
ClientSampled :

PB121423BS

Tot Ion:	264	Resp:	560033
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	22.9	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 50.234 ng

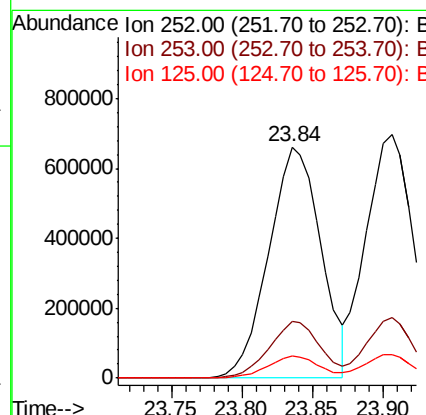
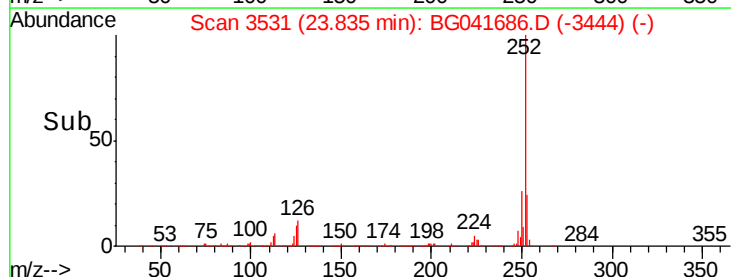
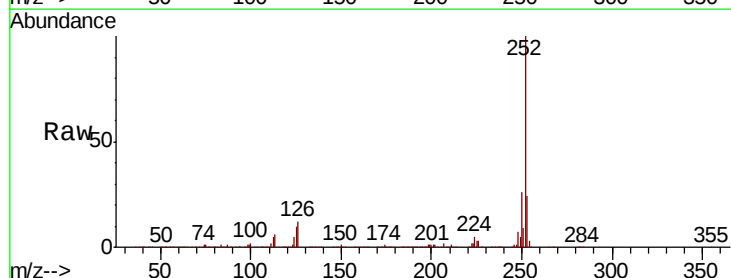
RT: 23.84 min Scan# 3531

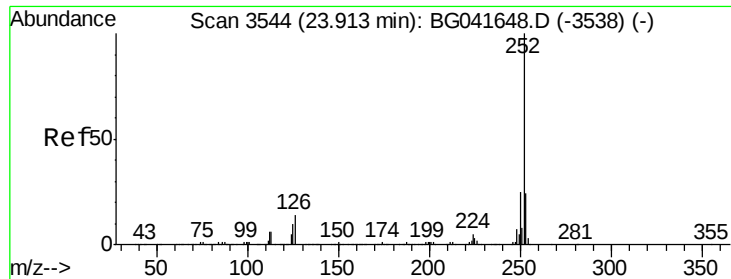
Delta R.T. -0.02 min

Lab File: BG041686.D

Acq: 17 Jul 2019 12:49

Tgt Ion:	252	Resp:	1706442
Ion Ratio	Lower	Upper	
252	100		
253	24.3	20.6	30.8
125	9.9	8.0	12.0





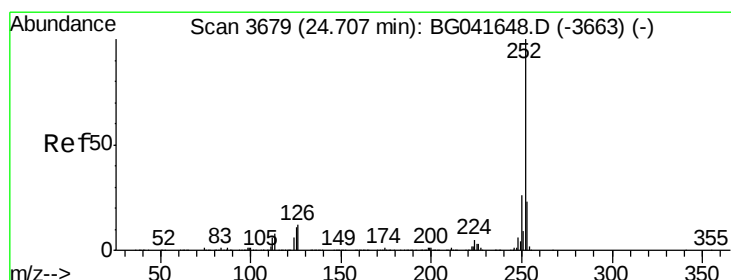
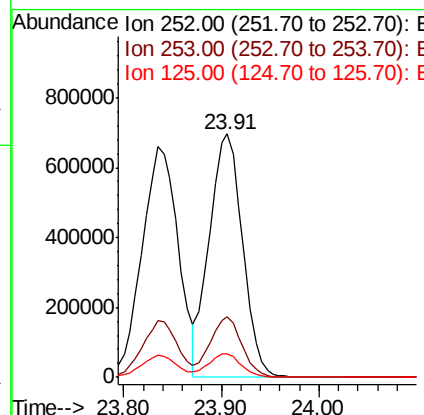
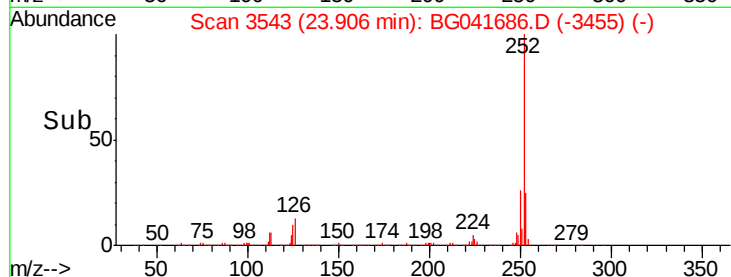
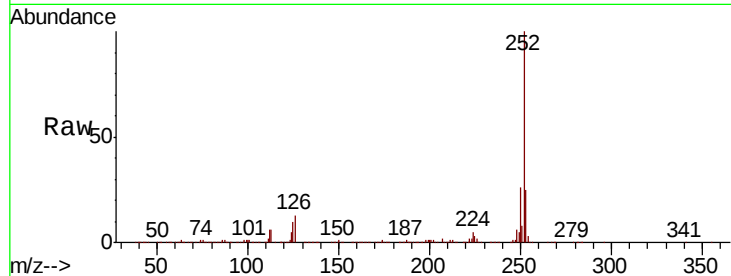
#89
Benzo(k)fluoranthene
Concen: 52.023 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion:252 Resp: 1637540
Ion Ratio Lower Upper
252 100
253 24.9 20.5 30.7
125 9.7 8.4 12.6

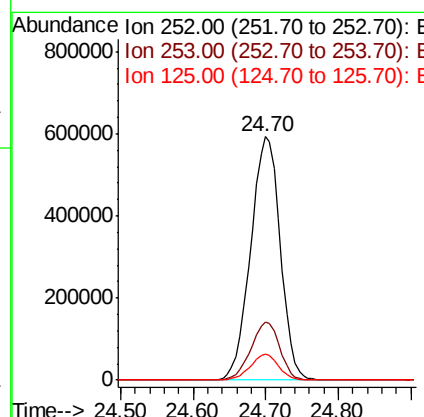
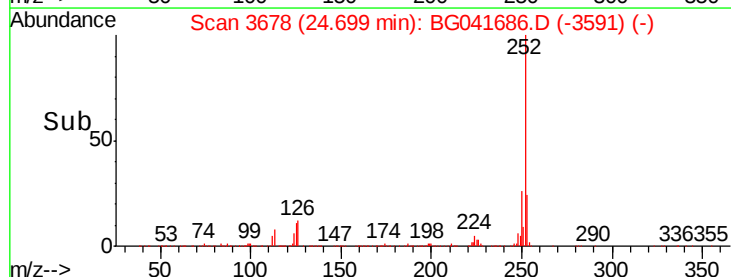
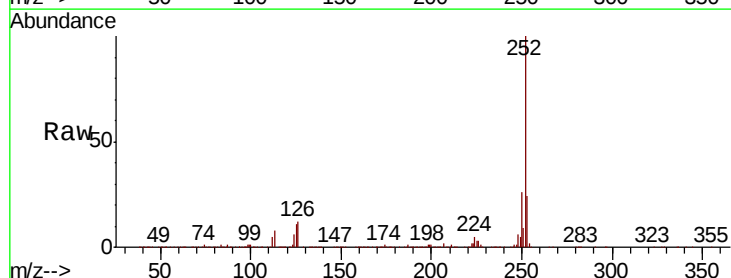
Manual Integrations
APPROVED

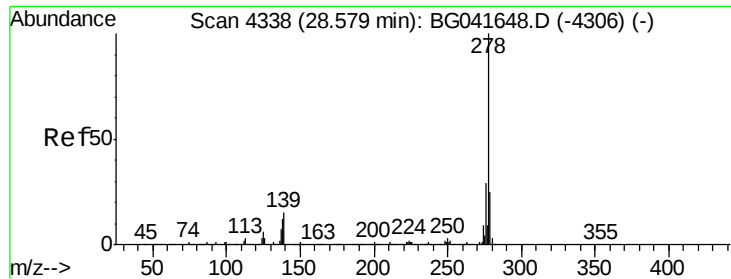
mohammad
7/19/2019 2:24:42 PM



#90
Benzo(a)pyrene
Concen: 52.101 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion:252 Resp: 1674560
Ion Ratio Lower Upper
252 100
253 23.9 19.8 29.8
125 10.7 8.8 13.2





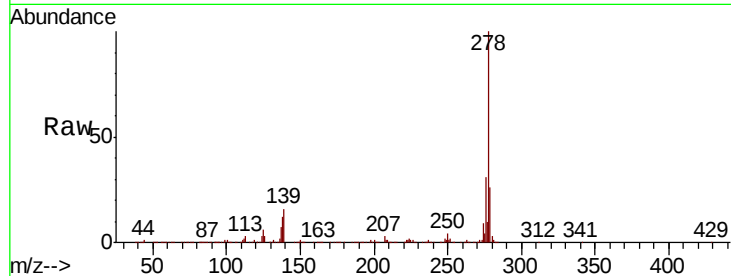
#91
Dibenzo(a,h)anthracene
Concen: 51.284 ng
RT: 28.57 min Scan# 4336
Delta R.T. -0.03 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Instrument :
BNA_G
ClientSampleId :
PB121423BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	19.0
279	25.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:42 PM

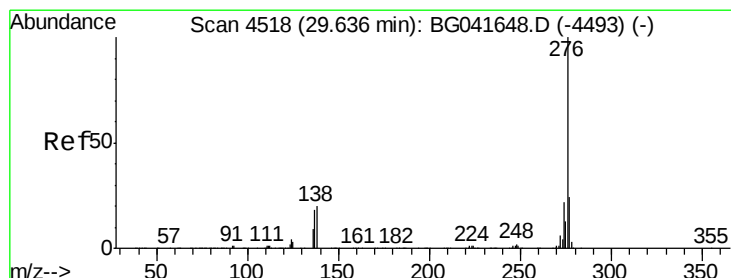
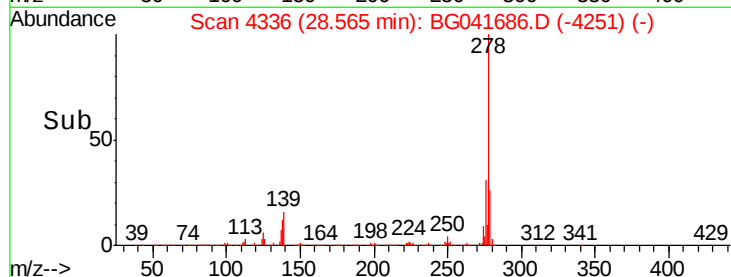
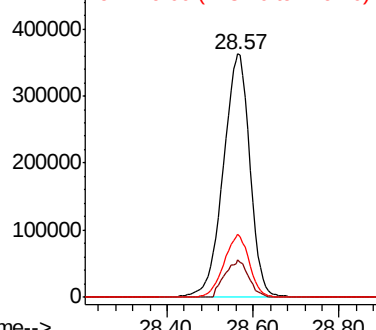


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.637 ng
RT: 29.63 min Scan# 4517
Delta R.T. -0.04 min
Lab File: BG041686.D
Acq: 17 Jul 2019 12:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.8
138	19.8	16.6	25.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

