

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041376.D
 Acq On : 21 Jun 2019 13:25
 Operator : HP/JU
 Sample : PB120652BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Manual Integrations
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mohammad
 6/25/2019 3:20:19 PM

Quant Time: Jun 21 16:12:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	30299	20.00	ng	-0.01
21) Naphthalene-d8	10.89	136	112104	20.00	ng	-0.02
39) Acenaphthene-d10	14.71	164	80098	20.00	ng	-0.01
64) Phenanthrene-d10	17.45	188	202792	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	217681	20.00	ng	-0.01
87) Perylene-d12	25.04	264	205093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	246724	149.62	ng	-0.01
7) Phenol-d6	7.23	99	353241	147.78	ng	0.00
23) Nitrobenzene-d5	9.25	82	244475	91.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	177274	144.16	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	545261	92.52	ng	-0.01
79) Terphenyl-d14	20.05	244	1071541	97.55	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	25537	30.884	ng	95
3) Pyridine	3.87	79	70279	32.038	ng	94
4) n-Nitrosodimethylamine	3.79	42	47250	40.391	ng	# 93
6) Aniline	7.39	93	72379	21.785	ng	98
8) 2-Chlorophenol	7.63	128	87278	45.045	ng	98
9) Benzaldehyde	7.21	77	29465	19.273	ng	84
10) Phenol	7.25	94	116037	45.144	ng	98
11) bis(2-Chloroethyl)ether	7.49	93	77223	39.596	ng	96
12) 1,3-Dichlorobenzene	7.95	146	97013	39.988	ng	94
13) 1,4-Dichlorobenzene	8.11	146	101549	40.977	ng	98
14) 1,2-Dichlorobenzene	8.42	146	94308	39.843	ng	95
15) Benzyl Alcohol	8.32	79	83487	36.455	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	120192	37.647	ng	99
17) 2-Methylphenol	8.52	107	78958	42.968	ng	95
18) Hexachloroethane	9.15	117	39442	40.163	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	75541	39.075	ng	99
20) 3+4-Methylphenols	8.85	107	108967	44.544	ng	95
22) Acetophenone	8.90	105	139161	42.658	ng	# 96
24) Nitrobenzene	9.29	77	117619	43.874	ng	95
25) Isophorone	9.81	82	208866	42.710	ng	96
26) 2-Nitrophenol	10.00	139	52165	47.996	ng	96
27) 2,4-Dimethylphenol	10.05	122	88469	54.303	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	111204	43.642	ng	96
29) 2,4-Dichlorophenol	10.54	162	98887	48.953	ng	93
30) 1,2,4-Trichlorobenzene	10.75	180	111902	43.254	ng	96
31) Naphthalene	10.94	128	272816	44.778	ng	98
32) Benzoic acid	10.21	122	49684	46.848	ng	92
33) 4-Chloroaniline	11.07	127	32097	12.404	ng	# 93
34) Hexachlorobutadiene	11.20	225	83088	40.460	ng	97
35) Caprolactam	11.86	113	30027m	43.178	ng	
36) 4-Chloro-3-methylphenol	12.18	107	108531	46.514	ng	99
37) 2-Methylnaphthalene	12.54	142	199275	44.408	ng	97
38) 1-Methylnaphthalene	12.76	142	191687	44.647	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	146006	44.144	ng	99

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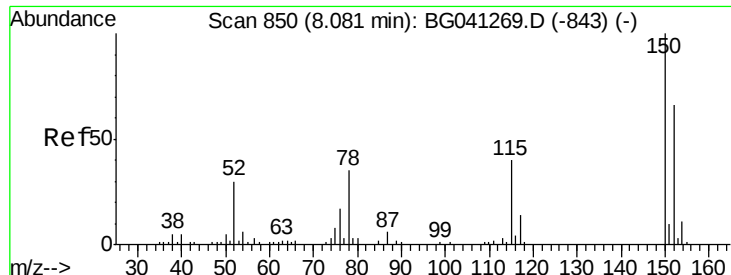
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	181123	81.298	ng	98
43) 2,4,6-Trichlorophenol	13.15	196	94319	46.098	ng	99
44) 2,4,5-Trichlorophenol	13.22	196	95488	45.357	ng	96
46) 1,1'-Biphenyl	13.54	154	272055	44.928	ng	99
47) 2-Chloronaphthalene	13.59	162	227953	43.725	ng	99
48) 2-Nitroaniline	13.80	65	78849	41.297	ng	93
49) Acenaphthylene	14.43	152	348037	43.994	ng	99
50) Dimethylphthalate	14.16	163	295149	41.414	ng	100
51) 2,6-Dinitrotoluene	14.29	165	66417	44.198	ng	93
52) Acenaphthene	14.77	154	199434	42.931	ng	99
53) 3-Nitroaniline	14.63	138	33012	22.297	ng	89
54) 2,4-Dinitrophenol	14.84	184	95761	88.103	ng	88
55) Dibenzofuran	15.11	168	354009	43.830	ng	96
56) 4-Nitrophenol	14.94	139	99915	88.479	ng	96
57) 2,4-Dinitrotoluene	15.08	165	93427	42.531	ng	# 96
58) Fluorene	15.76	166	277940	43.745	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	102884	47.258	ng	98
60) Diethylphthalate	15.51	149	303751	41.932	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	174701	42.261	ng	97
62) 4-Nitroaniline	15.80	138	60378	38.130	ng	92
63) Azobenzene	16.03	77	271626	42.032	ng	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	63146	47.973	ng	95
66) n-Nitrosodiphenylamine	15.96	169	252036	46.807	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	113656	43.344	ng	98
68) Hexachlorobenzene	16.75	284	119867	42.689	ng	98
69) Atrazine	16.90	200	113501	Below Cal		96
70) Pentachlorophenol	17.10	266	144353	100.398	ng	99
71) Phenanthrene	17.50	178	498564	46.096	ng	98
72) Anthracene	17.59	178	503838	47.252	ng	100
73) Carbazole	17.86	167	452394	48.501	ng	99
74) Di-n-butylphthalate	18.39	149	547000	46.999	ng	99
75) Fluoranthene	19.50	202	683009	47.534	ng	98
77) Benzidine	19.69	184	134050	25.460	ng	100
78) Pyrene	19.87	202	685951	46.725	ng	100
80) Butylbenzylphthalate	20.73	149	258352	46.526	ng	95
81) Benzo(a)anthracene	21.71	228	645562	43.800	ng	98
82) 3,3'-Dichlorobenzidine	21.62	252	141304	27.311	ng	99
83) Chrysene	21.78	228	646131	45.585	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	347382	45.905	ng	100
85) Di-n-octyl phthalate	22.81	149	595128	46.484	ng	99
86) Indeno(1,2,3-cd)pyrene	28.85	276	768091	45.674	ng	99
88) Benzo(b)fluoranthene	23.98	252	655277	51.555	ng	99
89) Benzo(k)fluoranthene	24.05	252	650927	51.696	ng	100
90) Benzo(a)pyrene	24.89	252	635575	52.948	ng	100
91) Dibenzo(a,h)anthracene	28.92	278	640513	53.001	ng	98
92) Benzo(g,h,i)perylene	30.06	276	635304	53.195	ng	98

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



#1

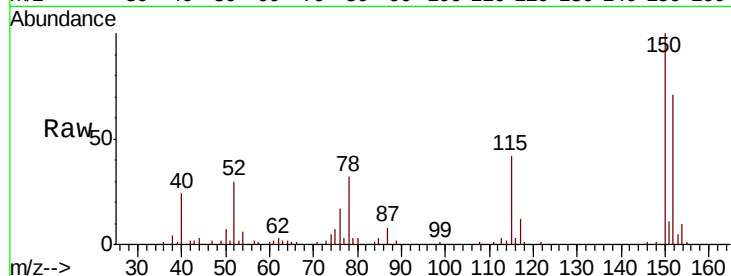
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.2	120.6	181.0
115	59.5	47.9	71.9

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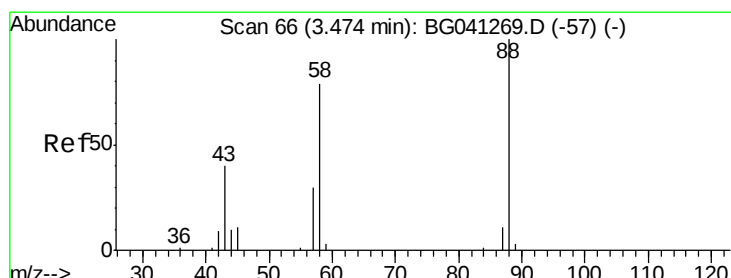
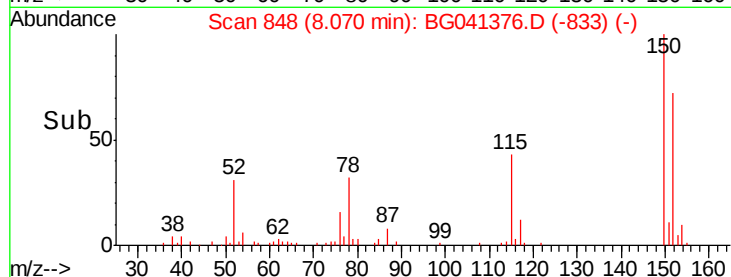
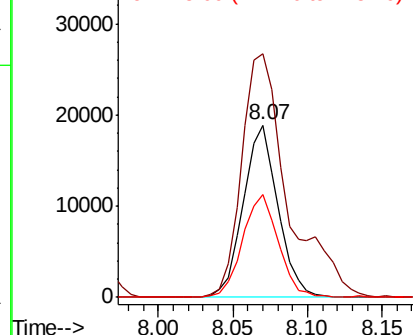


Abundance

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: 30.884 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.02 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

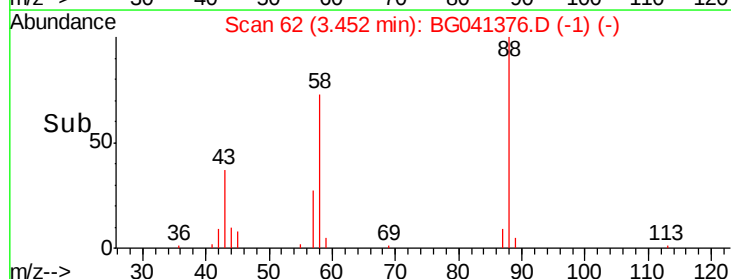
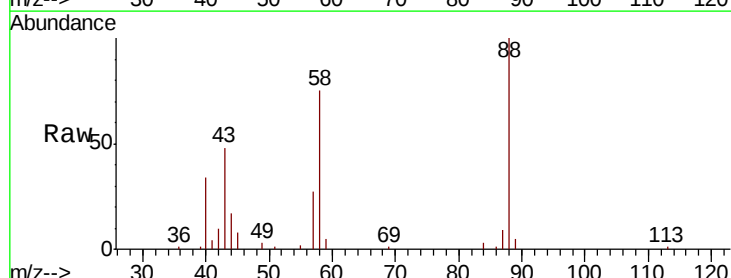
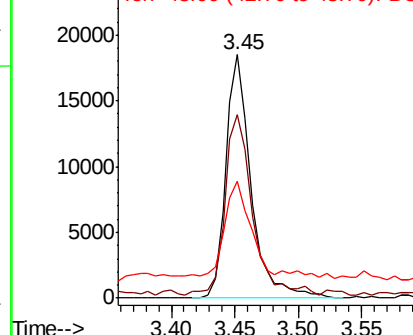
Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	59.7	89.5
43	38.9	31.9	47.9

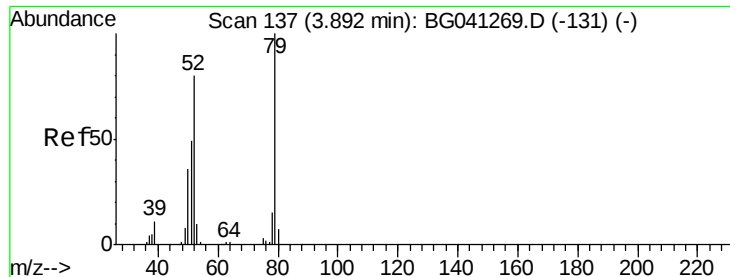
Abundance

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: 32.038 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.02 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

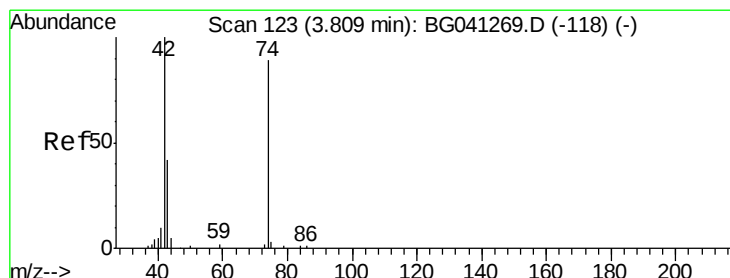
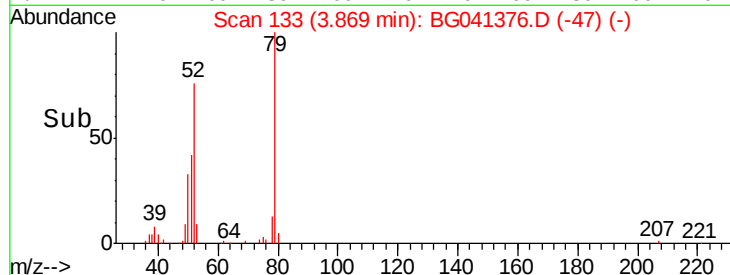
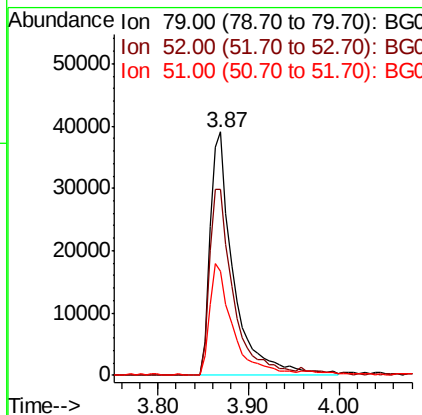
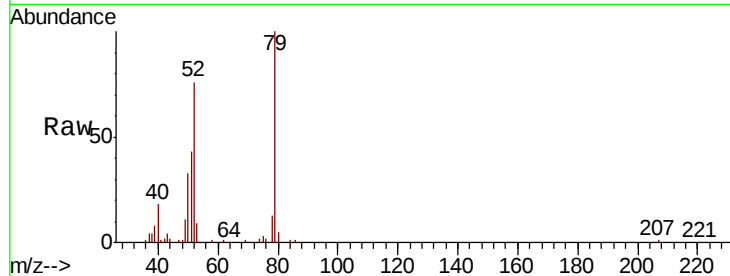
ClientSampled :

PB120652BS

Tot Ion:	79	Resp:	70279
Ion Ratio	Lower	Upper	
79	100		
52	76.3	63.6	95.4
51	42.7	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 40.391 ng

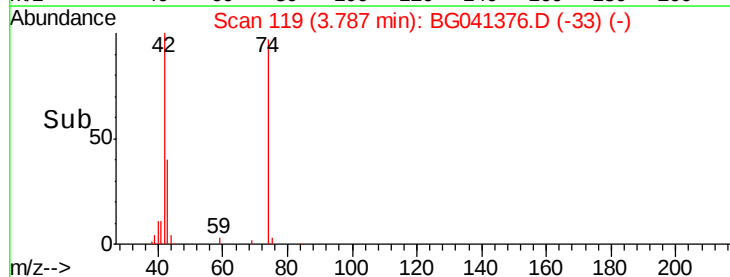
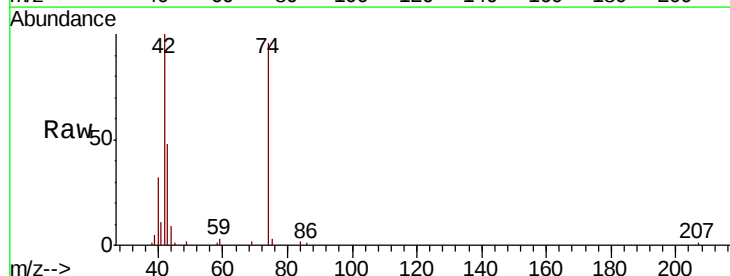
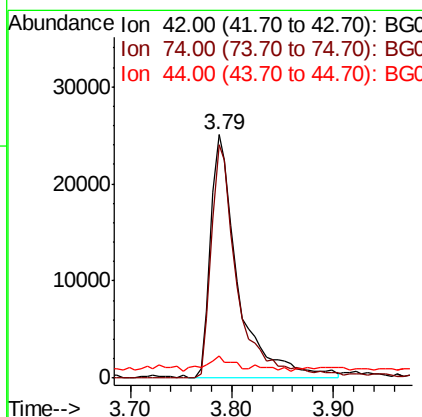
RT: 3.79 min Scan# 119

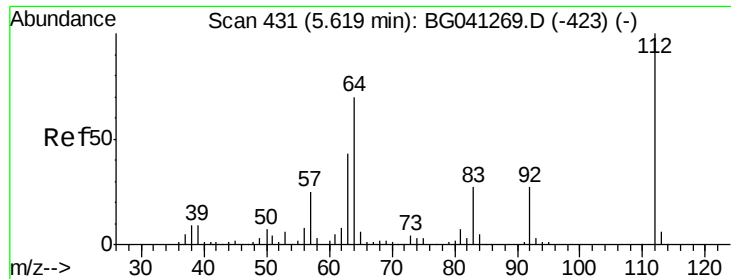
Delta R.T. -0.02 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion:	42	Resp:	47250
Ion Ratio	Lower	Upper	
42	100		
74	96.0	71.6	107.4
44	8.9	9.0	13.4#





#5

2-Fluorophenol

Concen: 149.620 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

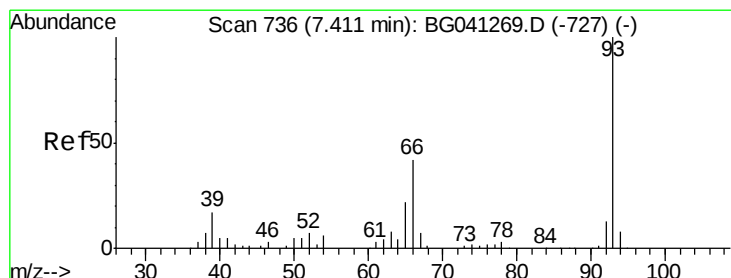
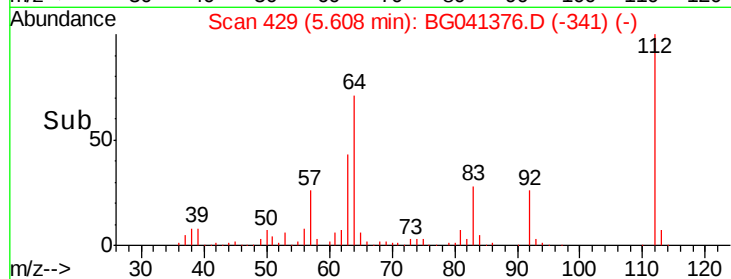
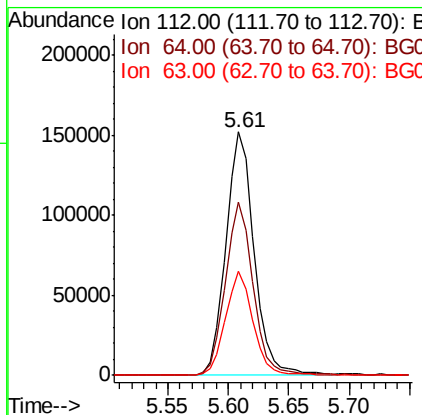
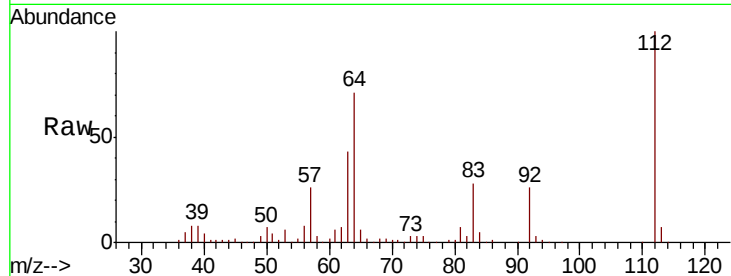
ClientSampleId :

PB120652BS

Tot Ion:	112	Resp:	246724
Ion Ratio	Lower	Upper	
112	100		
64	71.4	55.9	83.9
63	42.8	34.6	51.8

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#6

Aniline

Concen: 21.785 ng

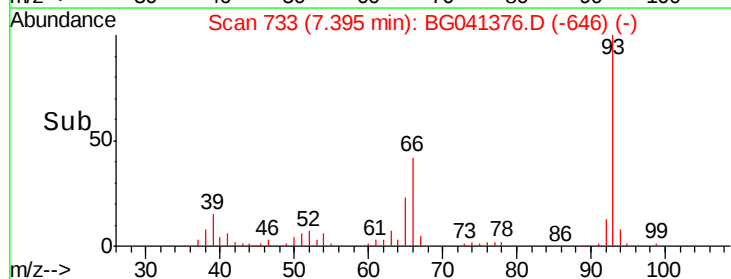
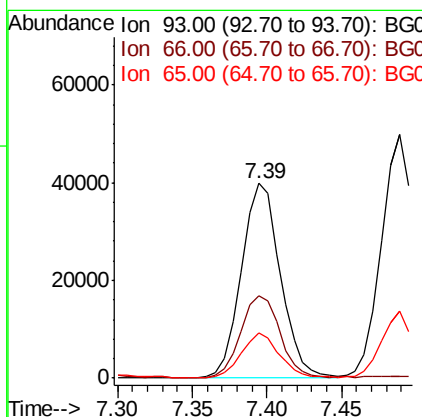
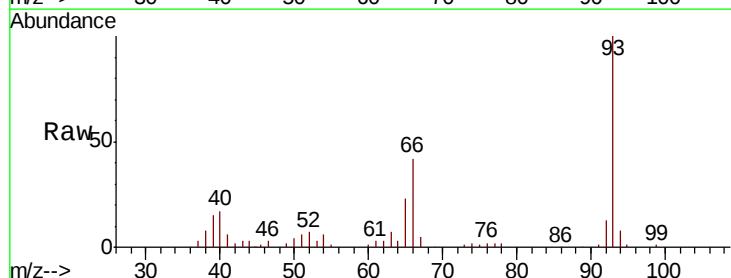
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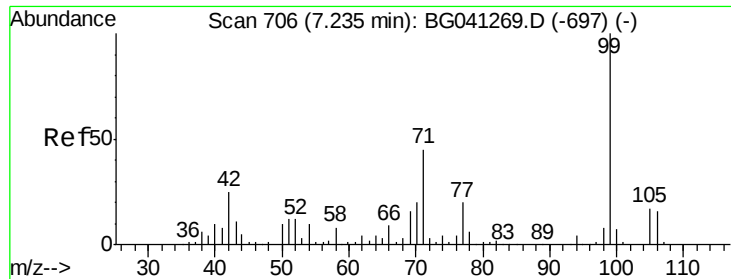
Delta R.T. -0.02 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion:	93	Resp:	72379
Ion Ratio	Lower	Upper	
93	100		
66	42.1	34.2	51.2
65	23.4	17.7	26.5





#7

Phenol-d6

Concen: 147.784 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

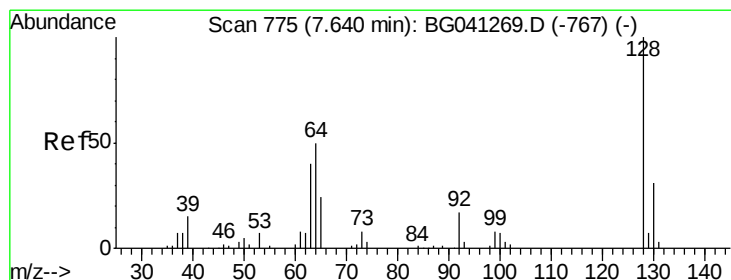
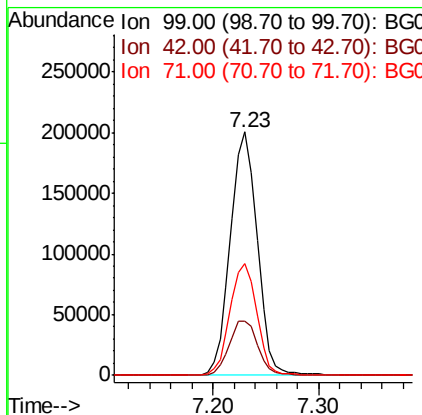
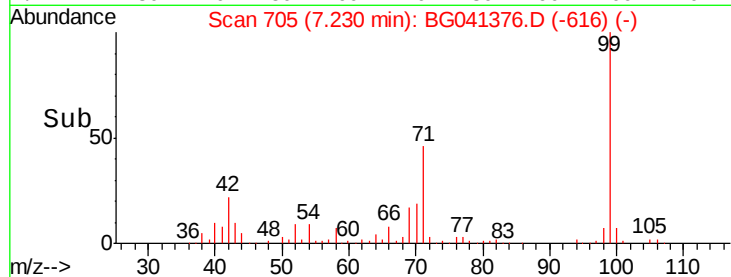
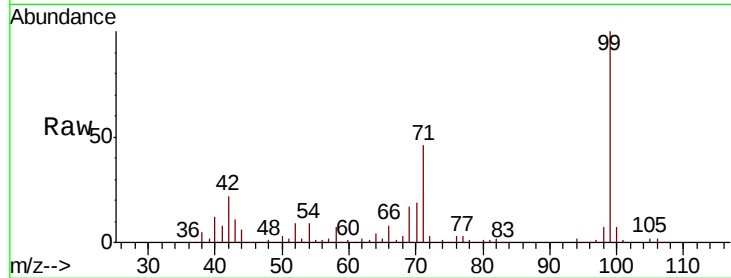
ClientSampled :

PB120652BS

Tot Ion:	99	Resp:	353241
Ion Ratio	Lower	Upper	
99	100		
42	22.5	19.9	29.9
71	45.9	36.4	54.6

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#8

2-Chlorophenol

Concen: 45.045 ng

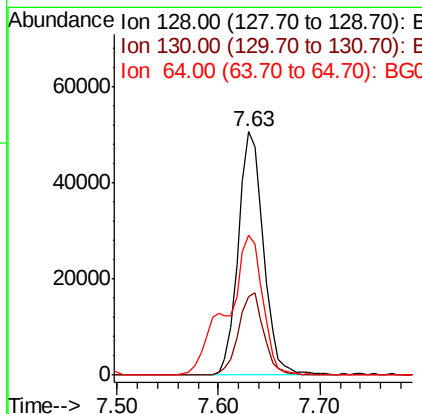
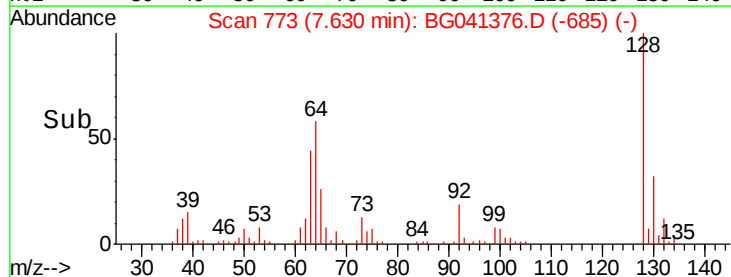
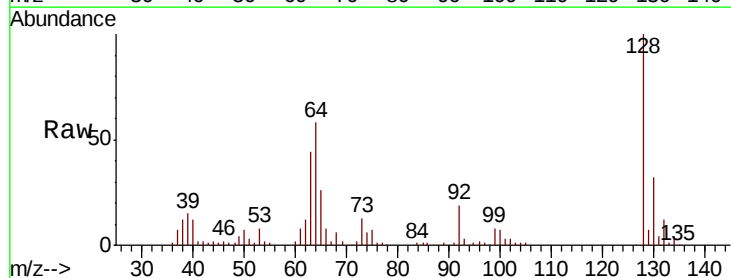
RT: 7.63 min Scan# 773

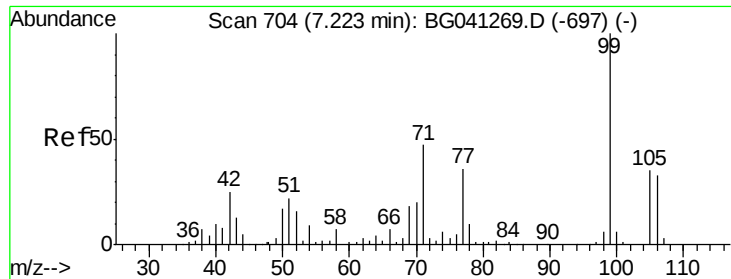
Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion:	128	Resp:	87278
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.1	51.1
64	57.7	36.6	76.6





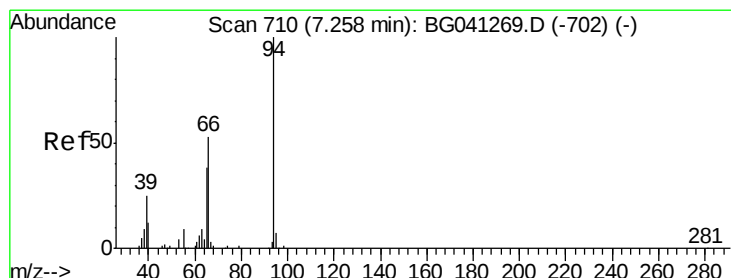
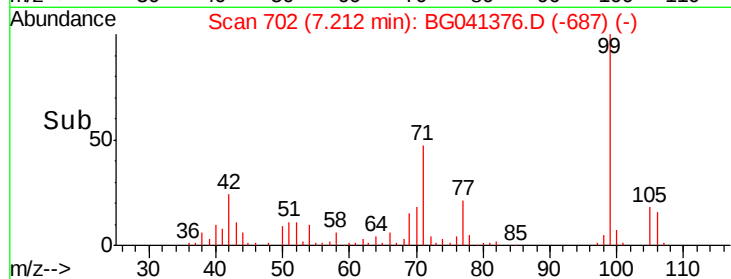
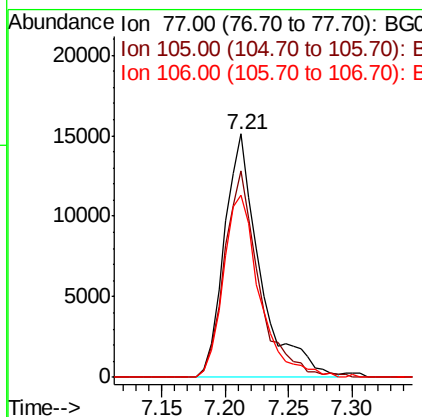
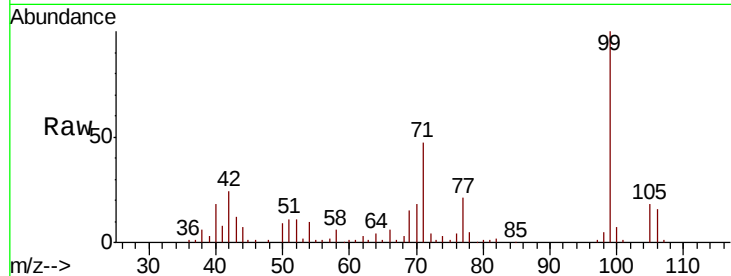
#9
Benzaldehyde
Concen: 19.273 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	84.9	78.7	118.7	
106	74.6	71.1	111.1	

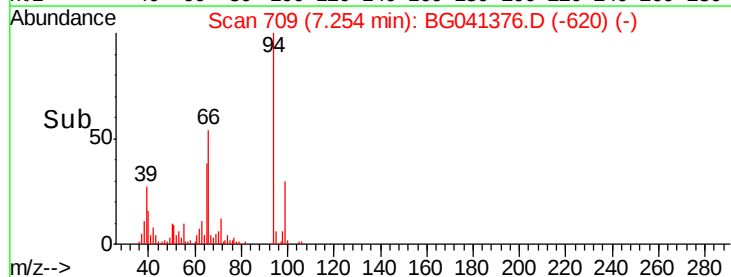
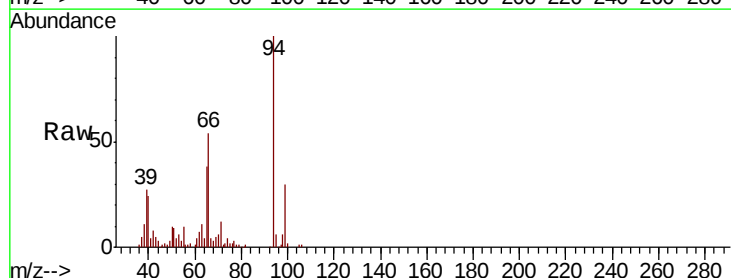
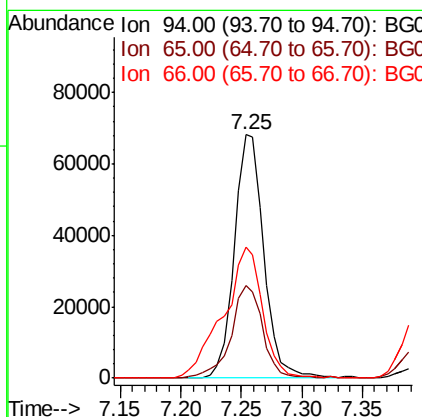
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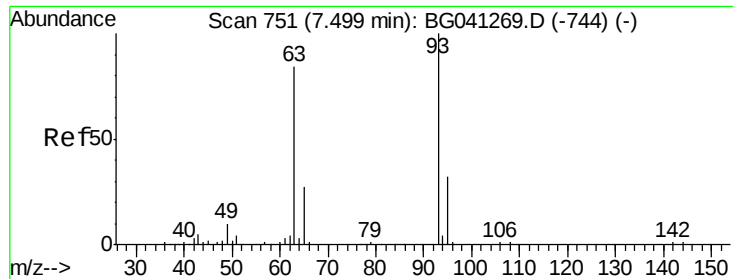
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#10
Phenol
Concen: 45.144 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	38.3	18.7	58.7	
66	54.0	35.5	75.5	





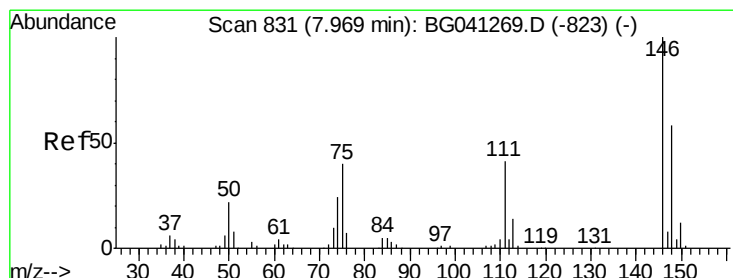
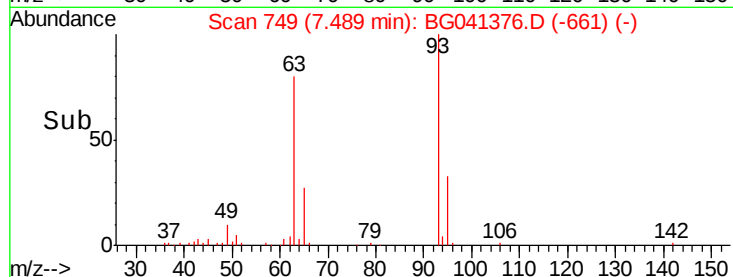
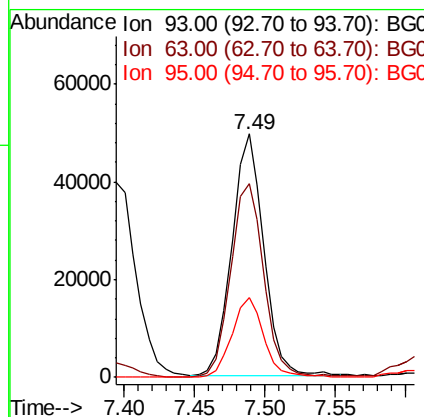
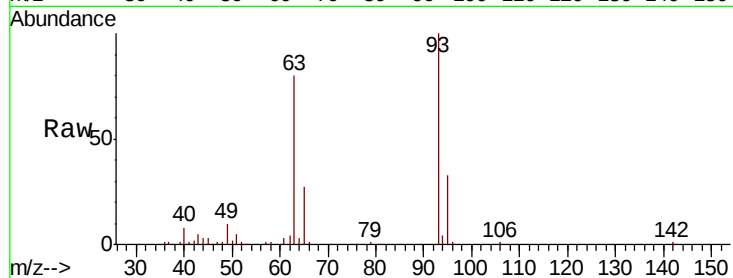
#11
bis(2-Chloroethyl)ether
Concen: 39.596 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	93	Resp	77223
Ion Ratio	100	Lower	Upper
93	100		
63	79.6	63.6	103.6
95	32.9	11.2	51.2

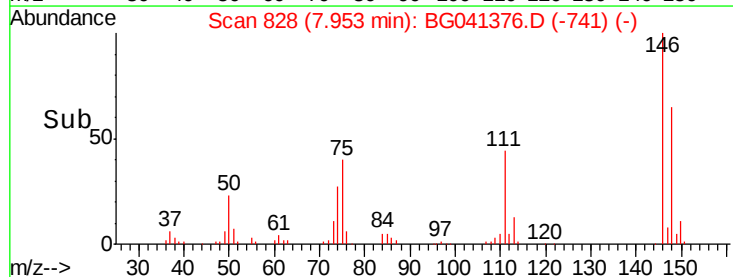
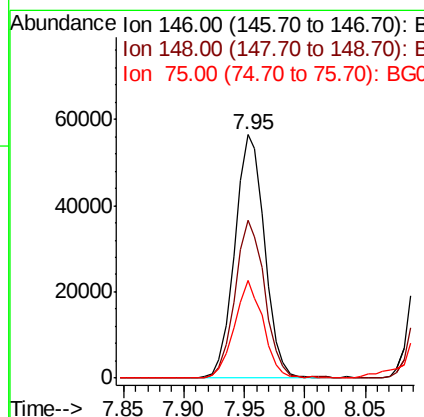
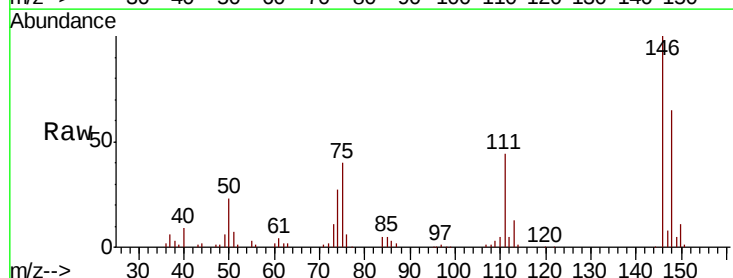
Manual Integrations
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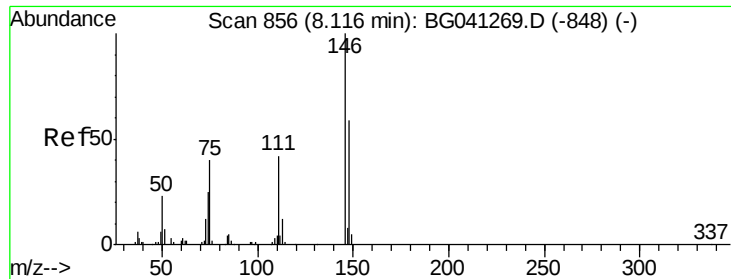
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.988 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	146	Resp	97013
Ion Ratio	100	Lower	Upper
146	100		
148	65.1	46.5	69.7
75	40.0	32.2	48.4





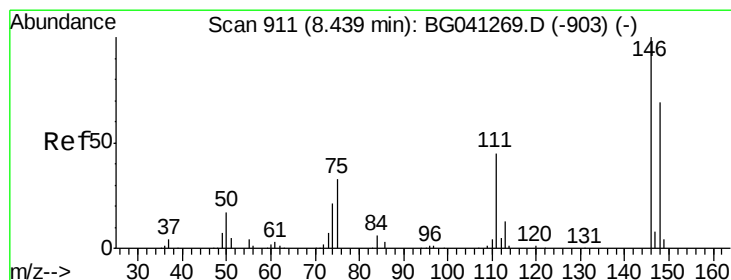
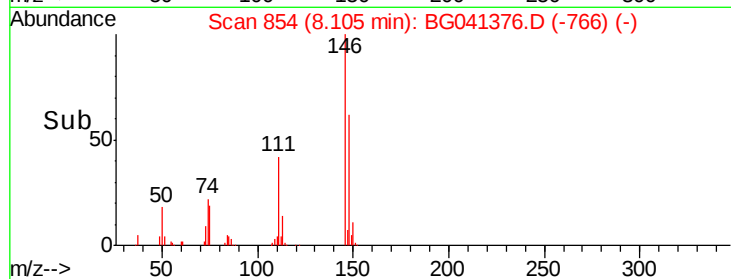
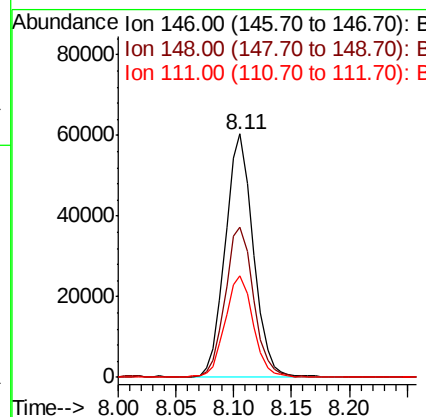
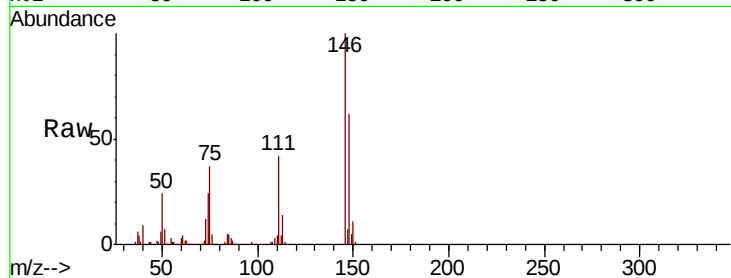
#13
 1,4-Dichlorobenzene
 Concen: 40.977 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	47.3	70.9
111	41.6	33.4	50.0

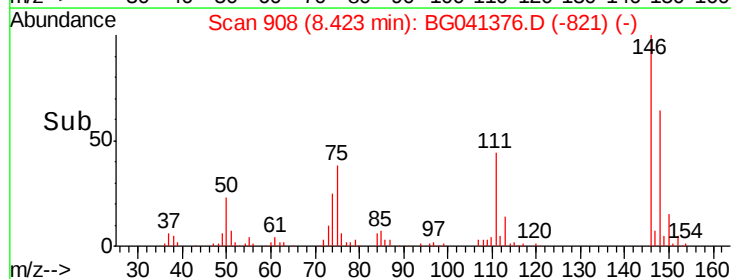
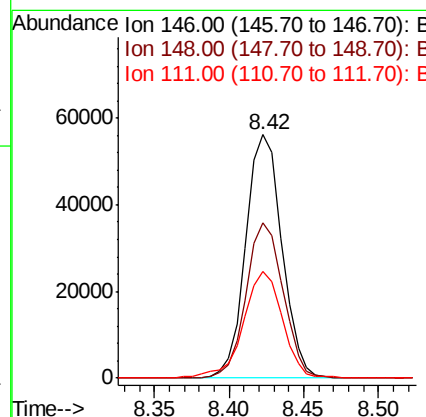
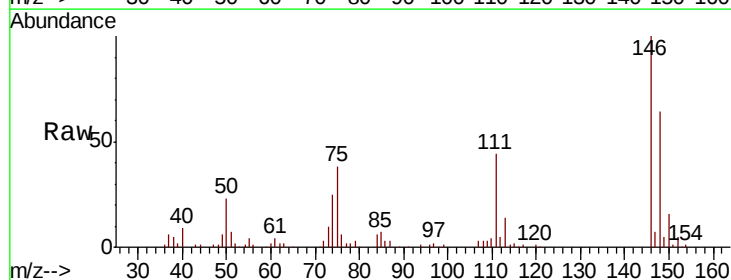
Manual Integrations
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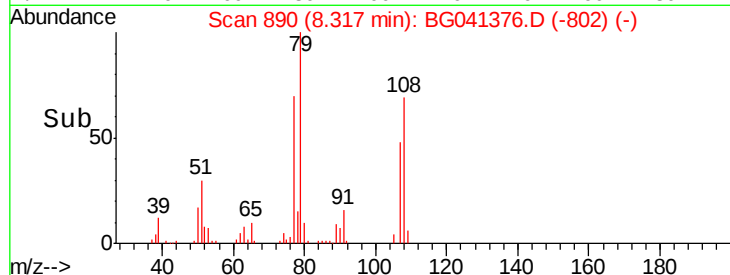
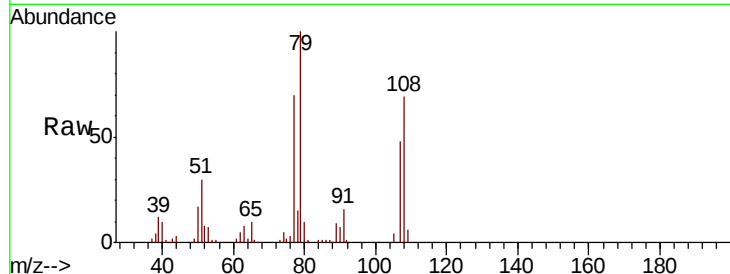
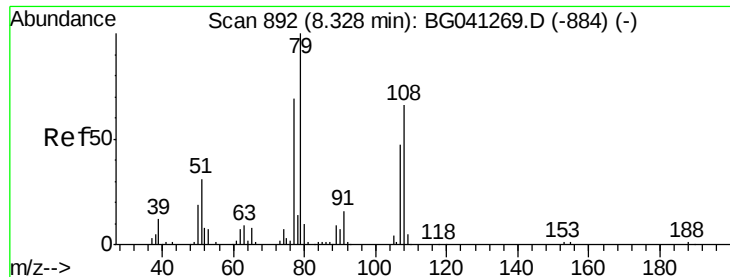
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#14
 1,2-Dichlorobenzene
 Concen: 39.843 ng
 RT: 8.42 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	54.9	82.3
111	43.7	37.0	55.6





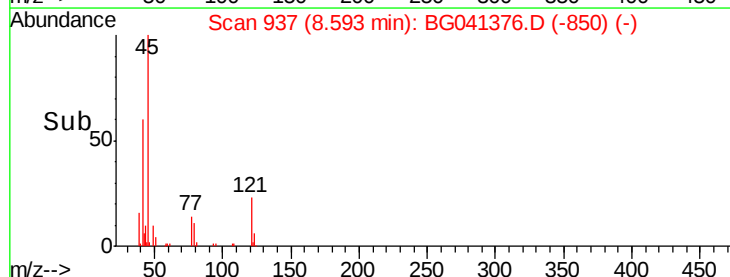
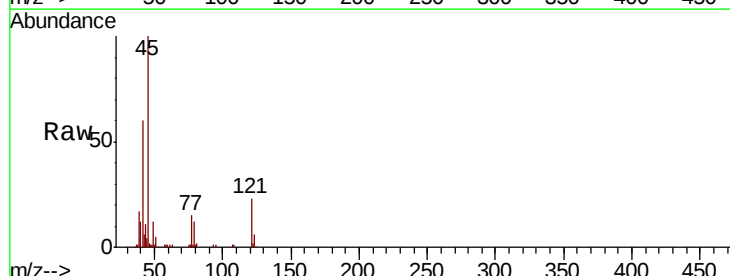
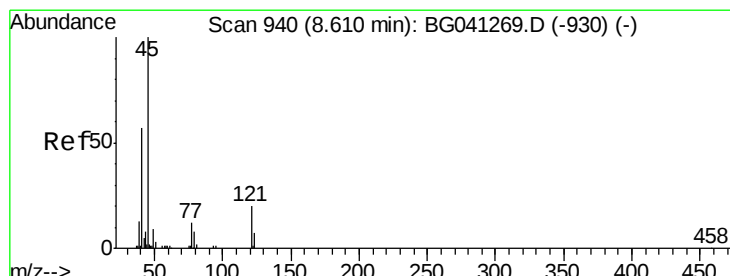
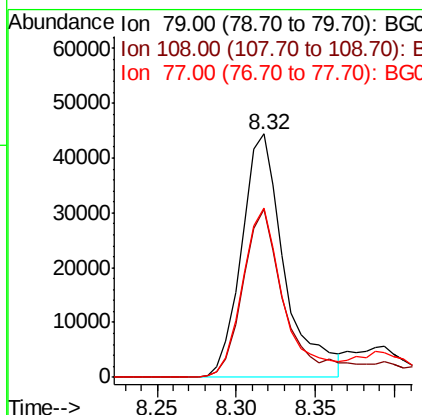
#15
Benzyl Alcohol
Concen: 36.455 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tot Ion:	79	Resp:	83487
Ion Ratio	Lower	Upper	
79	100		
108	68.8	52.7	79.1
77	69.6	55.2	82.8

Instrument :
BNA_G
ClientSampleId :
PB120652BS

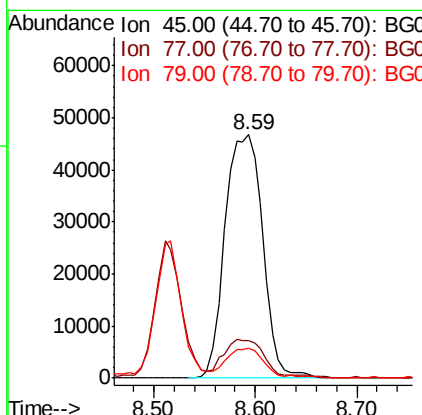
Manual Integrations
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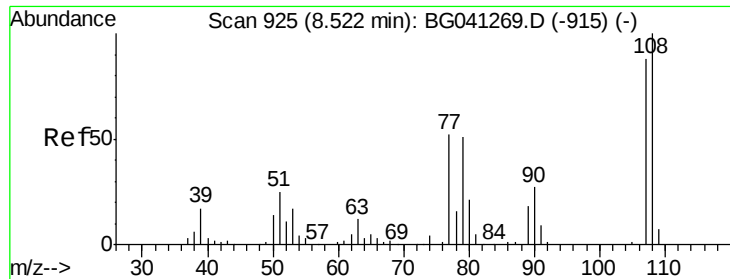
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.647 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.02 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion:	45	Resp:	120192
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	35.2
79	12.1	0.0	31.6





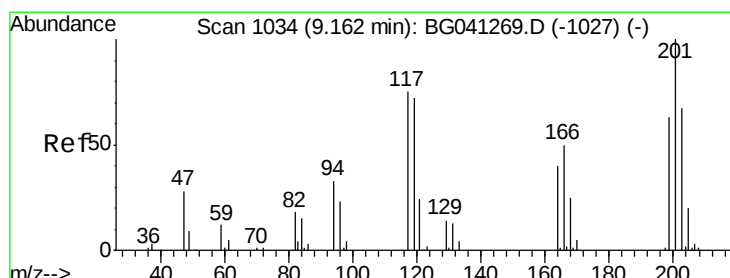
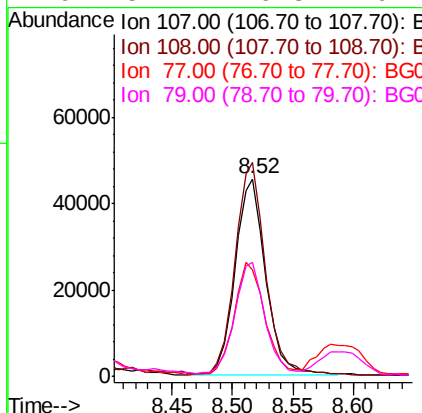
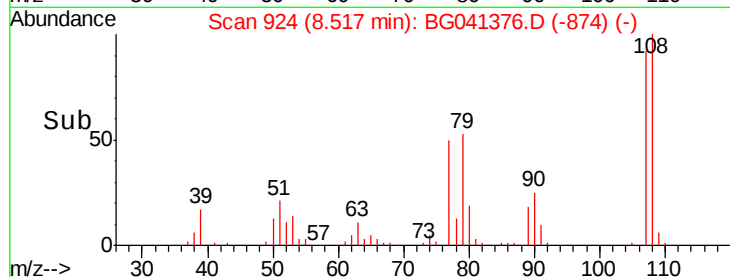
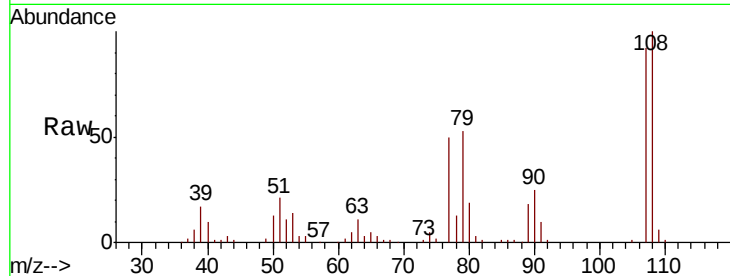
#17
2-Methylphenol
Concen: 42.968 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	107	Resp	78958
Ion	Ratio	Lower	Upper
107	100		
108	108.3	91.7	137.5
77	53.8	47.8	71.8
79	57.7	46.8	70.2

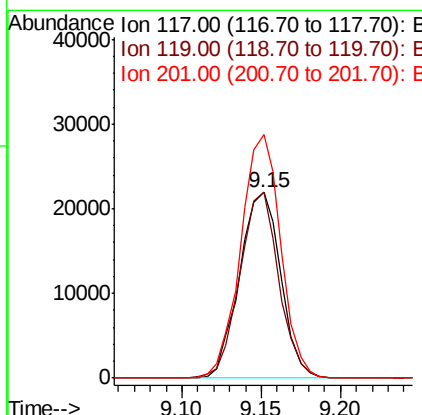
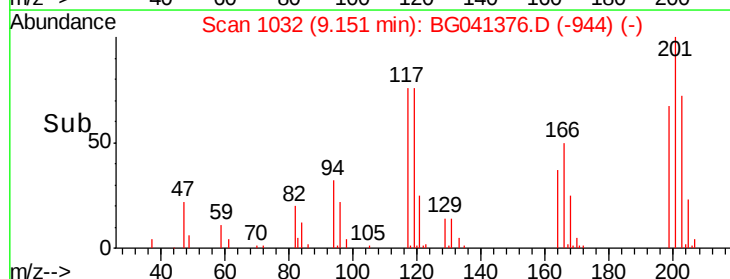
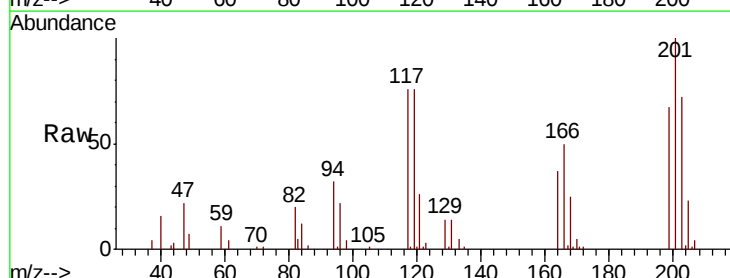
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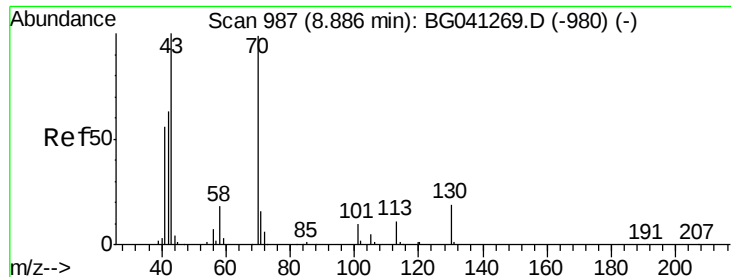
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#18
Hexachloroethane
Concen: 40.163 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	117	Resp	39442
Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.8	115.2
201	128.9	106.3	159.5





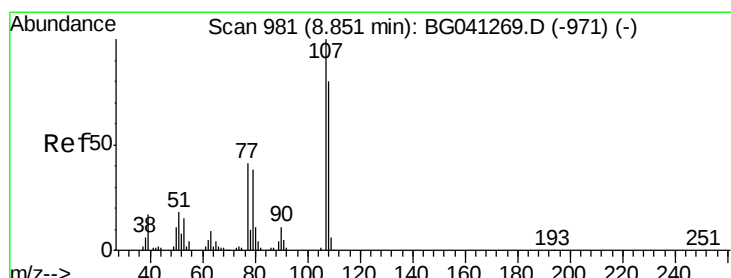
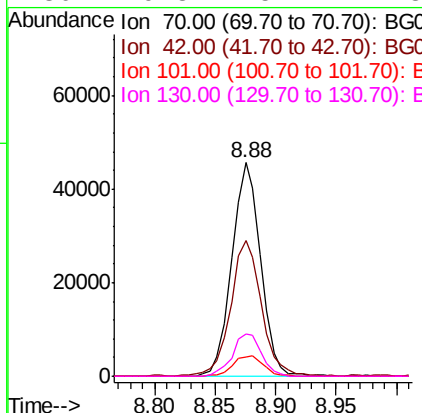
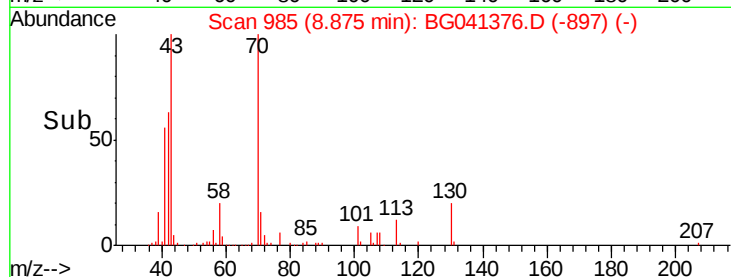
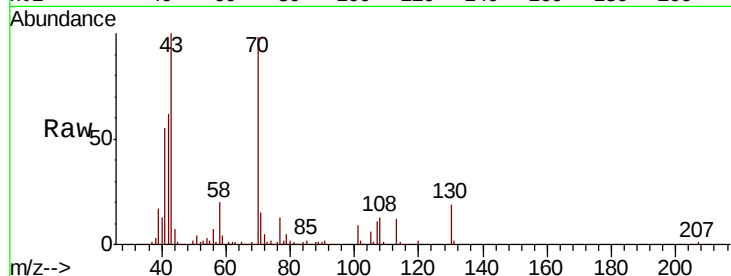
#19
n-Nitroso-di-n-propylamine
Concen: 39.075 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	63.5	51.4	77.2		
101	9.1	8.2	12.2		
130	19.8	15.2	22.8		

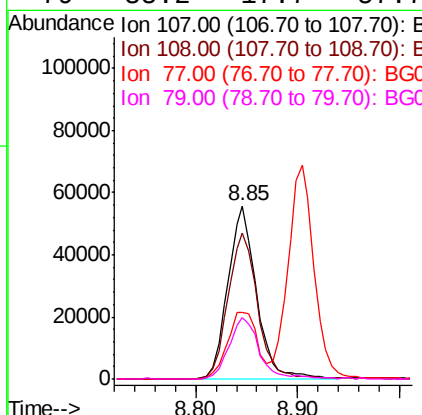
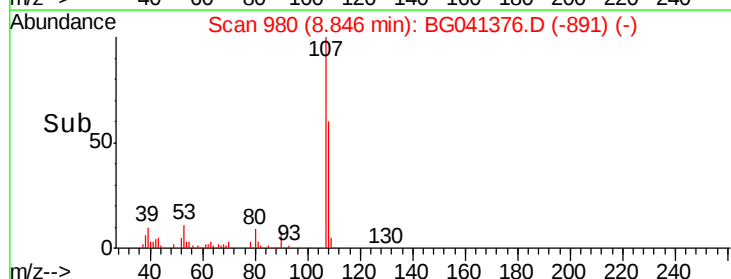
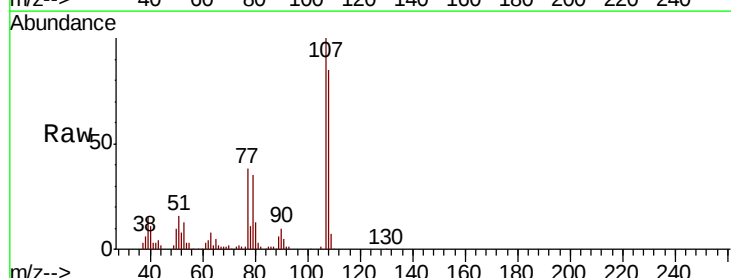
Manual Integrations
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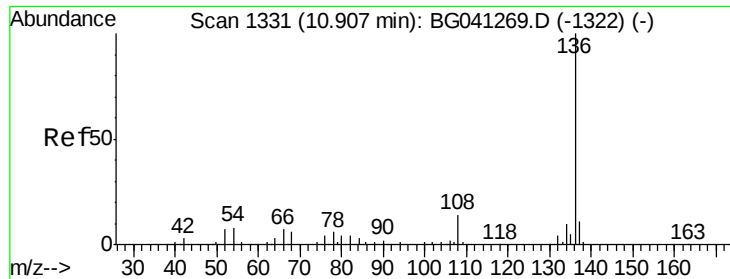
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#20
3+4-Methylphenols
Concen: 44.544 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.6	60.4	100.4		
77	38.3	21.2	61.2		
79	35.2	17.7	57.7		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

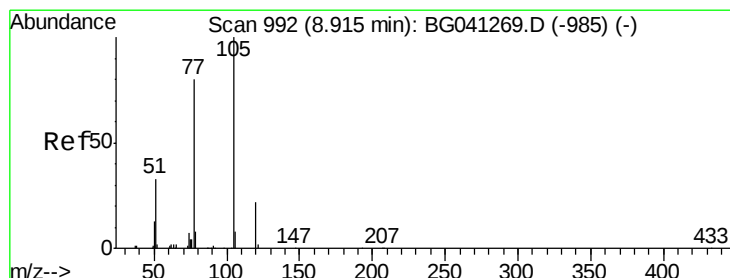
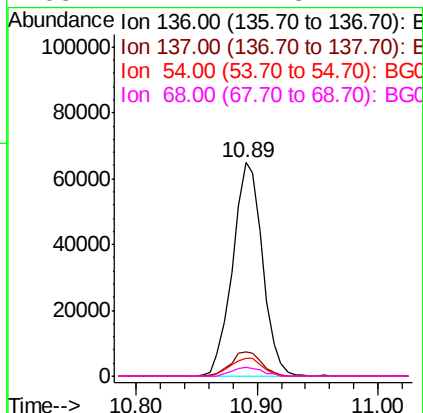
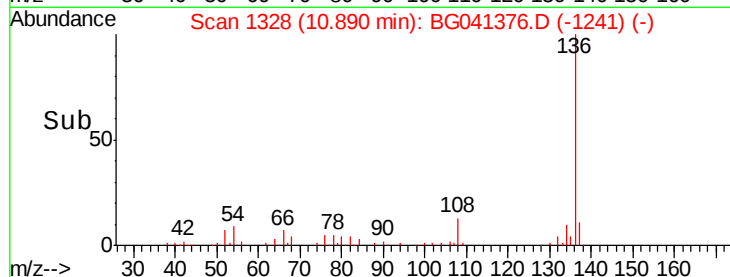
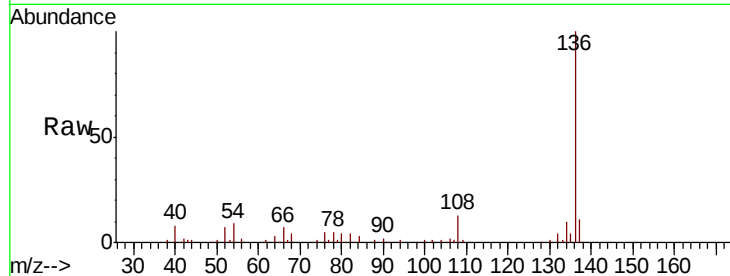
ClientSampleId :

PB120652BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	112104		
137	11.2	8.8	13.2	
54	8.5	6.4	9.6	
68	4.2	4.8	7.2	

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#22

Acetophenone

Concen: 42.658 ng

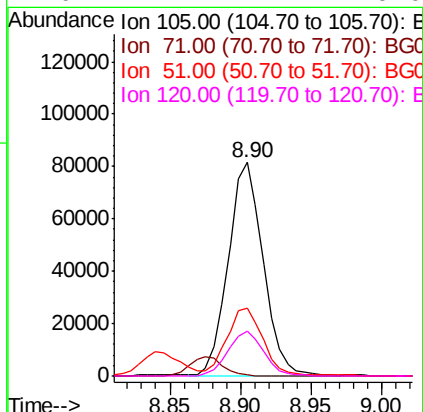
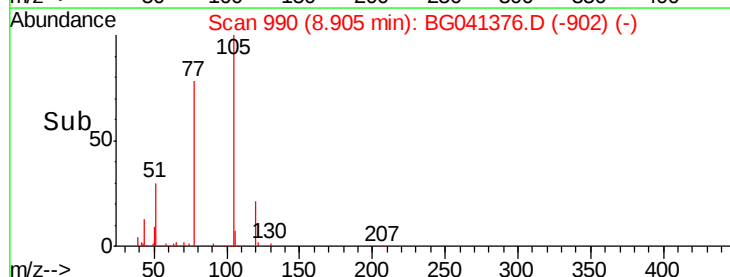
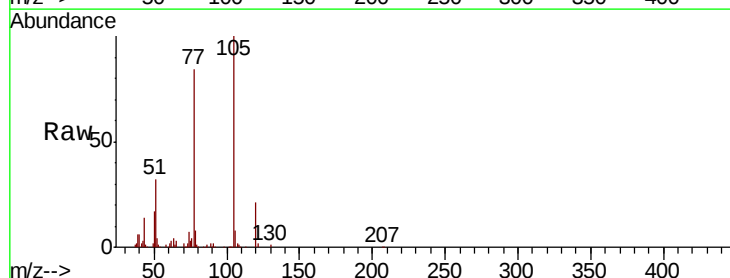
RT: 8.90 min Scan# 990

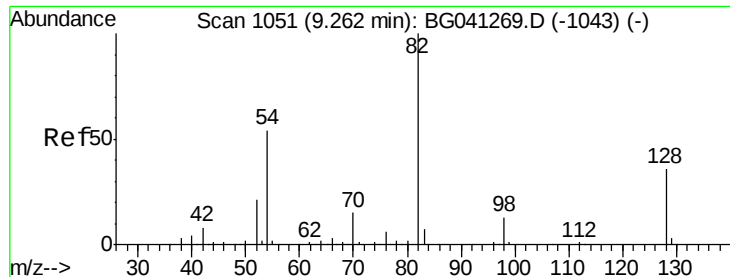
Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	139161		
71	0.4	0.4	0.6	
51	31.9	28.2	42.4	
120	21.1	17.4	26.0	





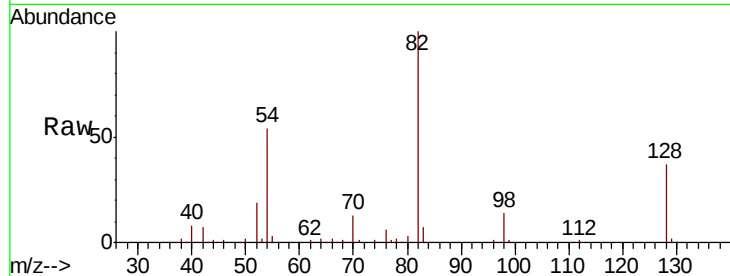
#23
Nitrobenzene-d5
Concen: 91.716 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	244475		
128	37.4	29.2	43.8	
54	54.2	43.4	65.0	

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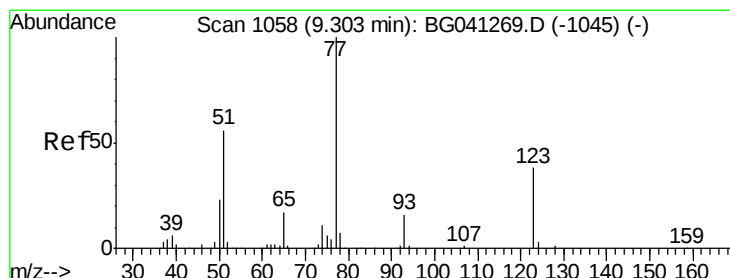
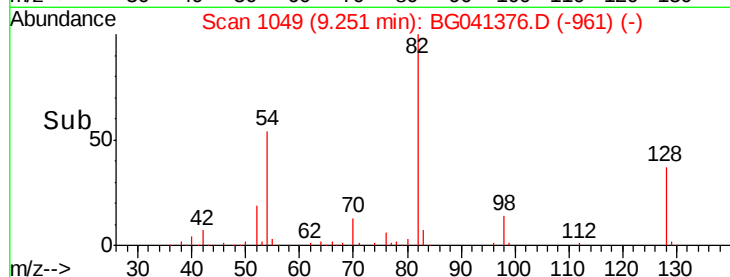
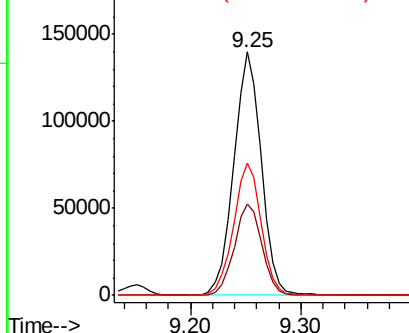


Abundance

Ion 82.00 (81.70 to 82.70): BGC

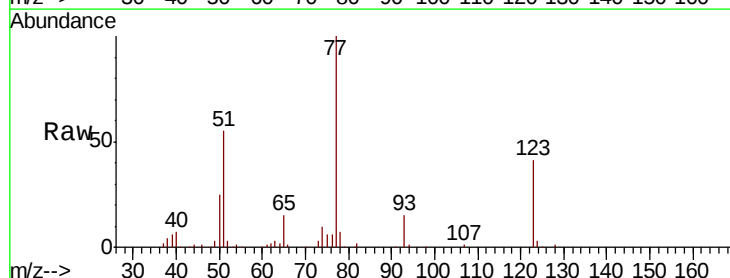
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 43.874 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	117619		
123	41.3	30.4	45.6	
65	14.8	13.3	19.9	

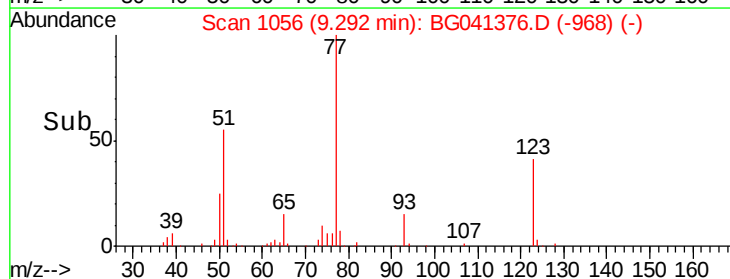
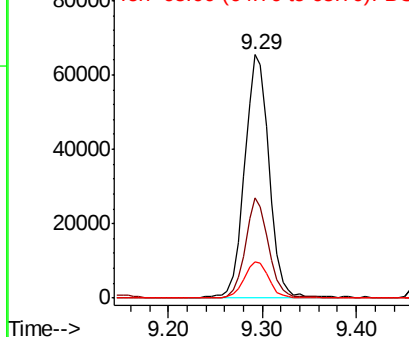


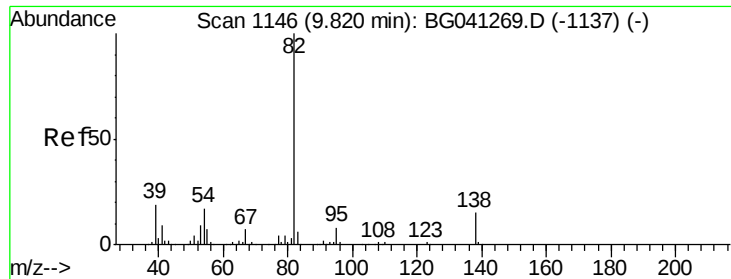
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





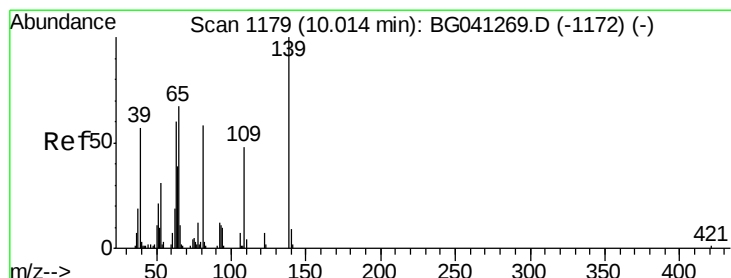
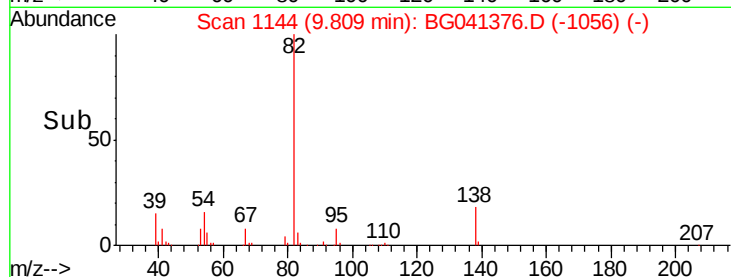
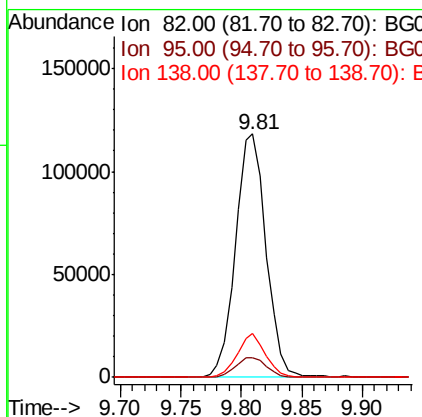
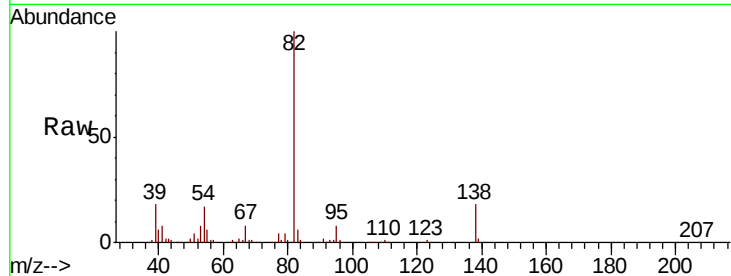
#25
Isophorone
Concen: 42.710 ng
RT: 9.81 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	82	Resp	208866
Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.6	10.0
138	18.1	12.3	18.5

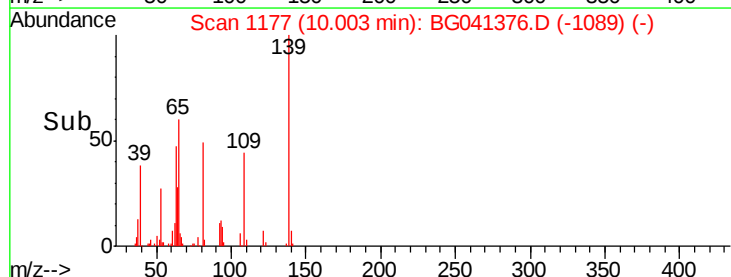
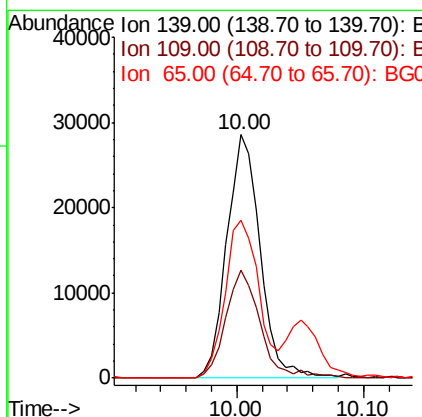
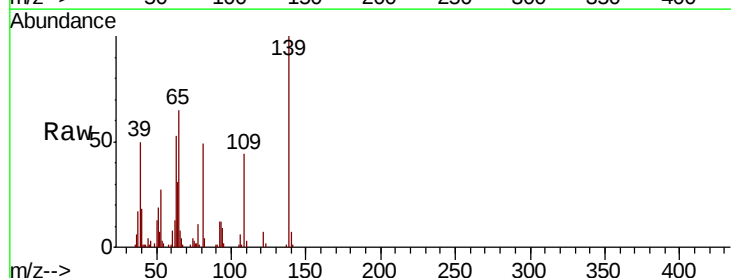
Manual Integrations
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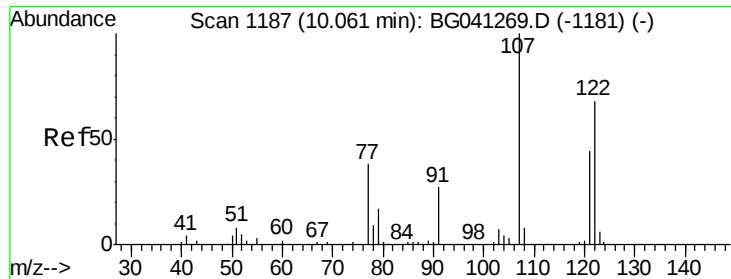
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#26
2-Nitrophenol
Concen: 47.996 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	139	Resp	52165
Ion	Ratio	Lower	Upper
139	100		
109	44.1	38.4	57.6
65	64.8	53.6	80.4





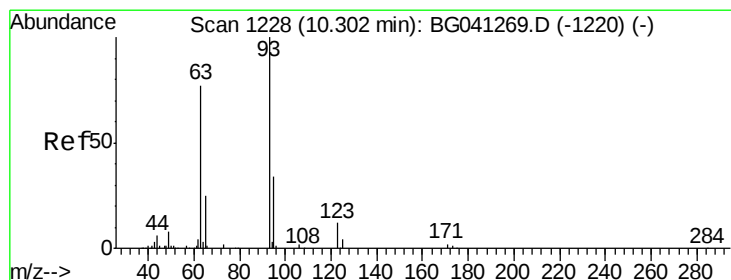
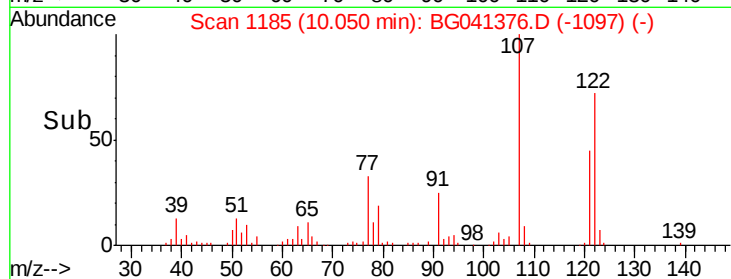
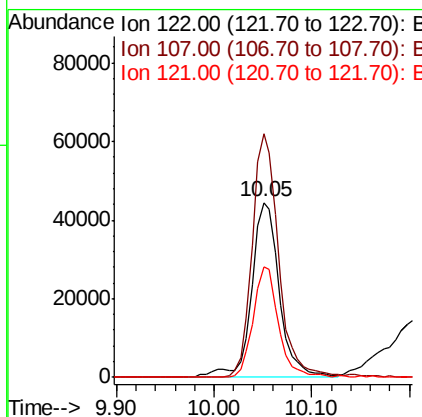
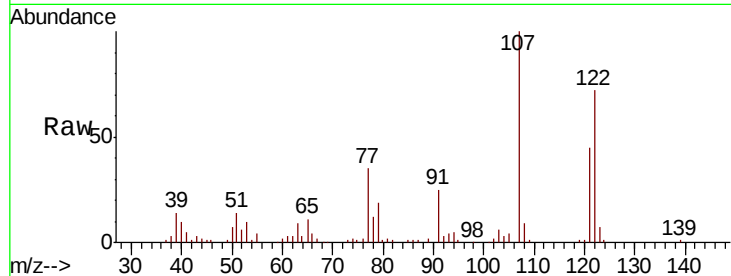
#27
2,4-Dimethylphenol
Concen: 54.303 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	139.3	115.1	172.7		
121	63.1	50.1	75.1		

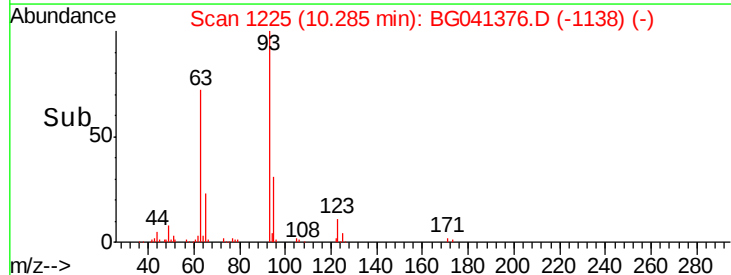
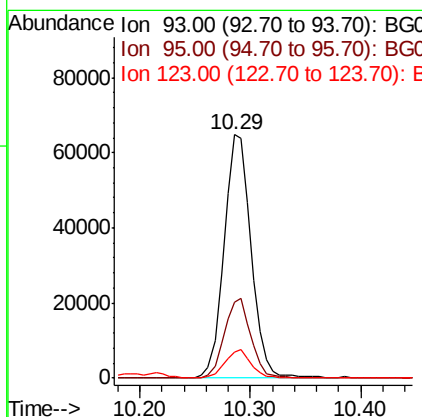
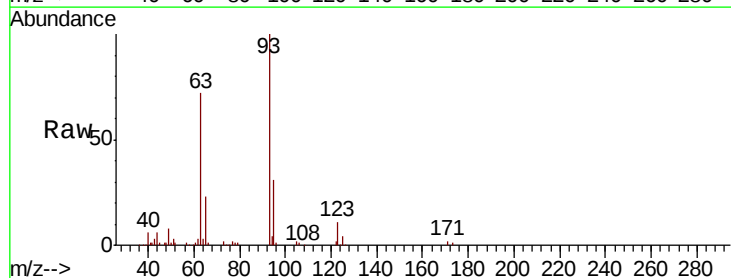
Manual Integrations
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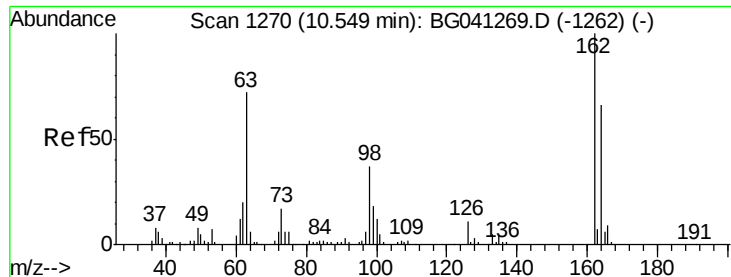
mohammad
6/25/2019 3:20:19 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.642 ng
RT: 10.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.3	27.3	40.9		
123	10.9	9.6	14.4		





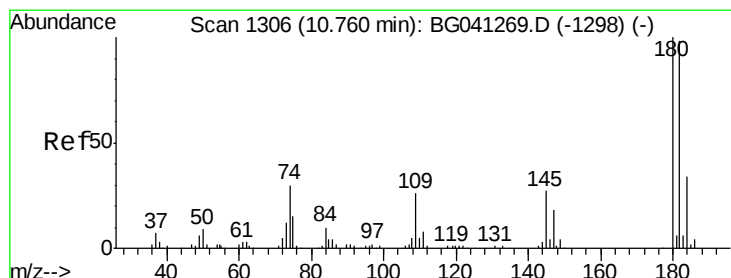
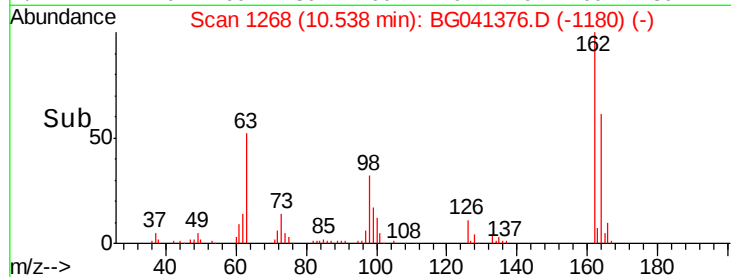
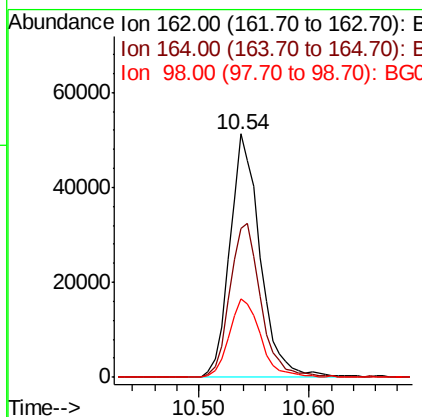
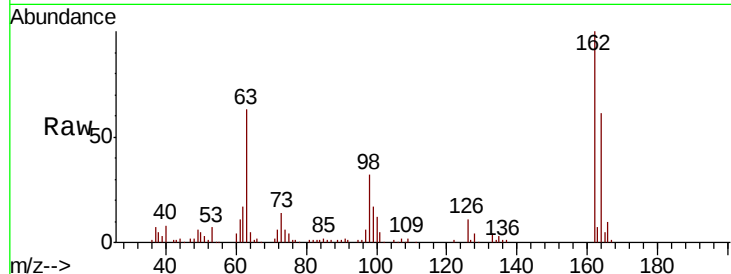
#29
 2,4-Dichlorophenol
 Concen: 48.953 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	46.0	86.0
98	32.2	17.4	57.4

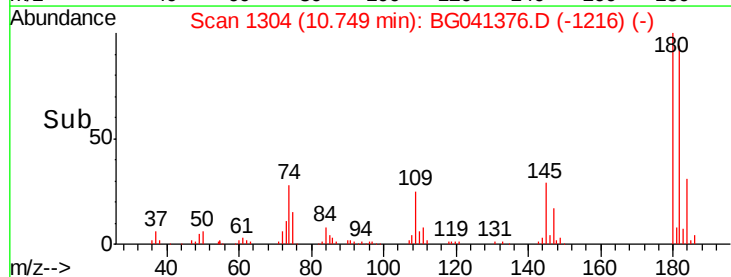
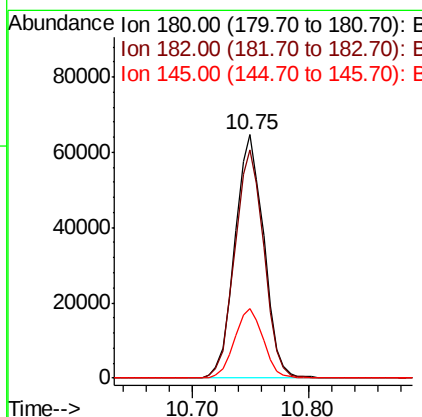
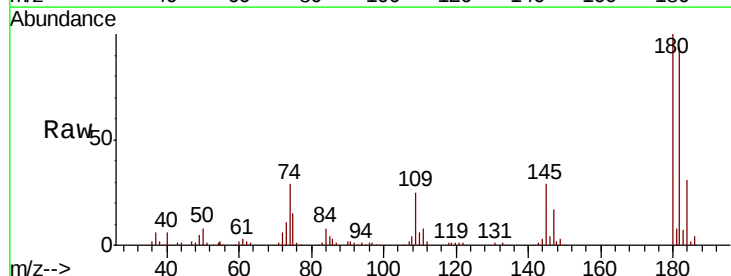
Manual Integrations
 APPROVED

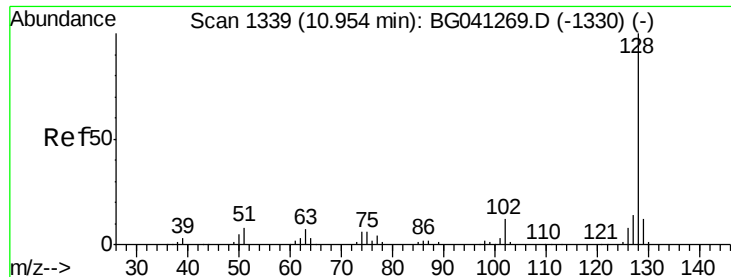
mohammad
 6/25/2019 3:20:19 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.254 ng
 RT: 10.75 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.6	117.8
145	28.5	21.7	32.5





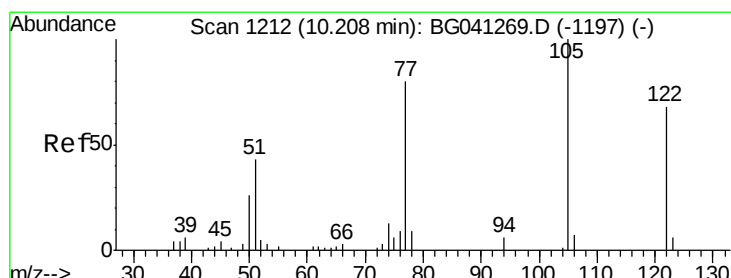
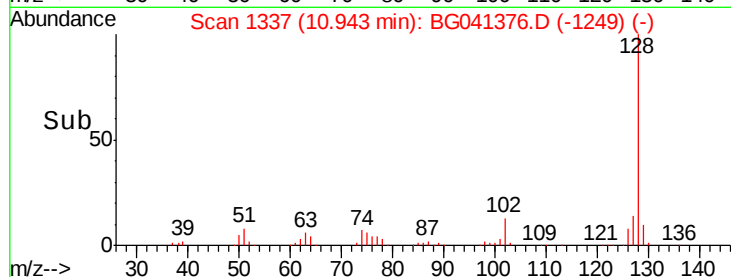
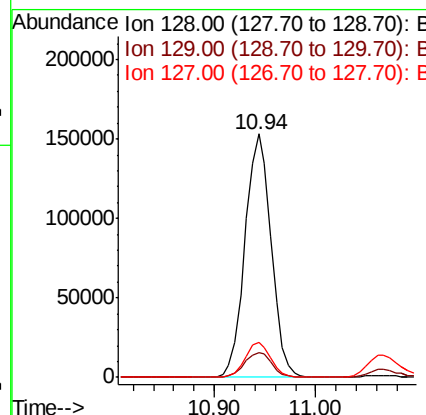
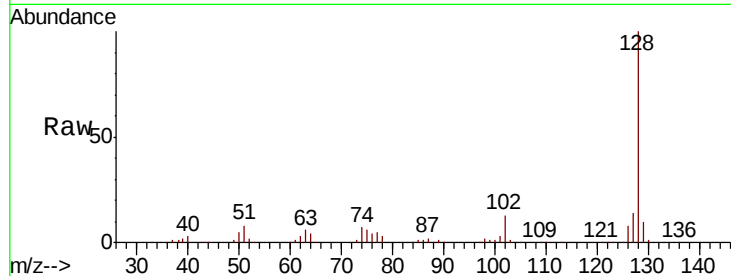
#31
Naphthalene
Concen: 44.778 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.4	14.0
127	14.4	11.2	16.8

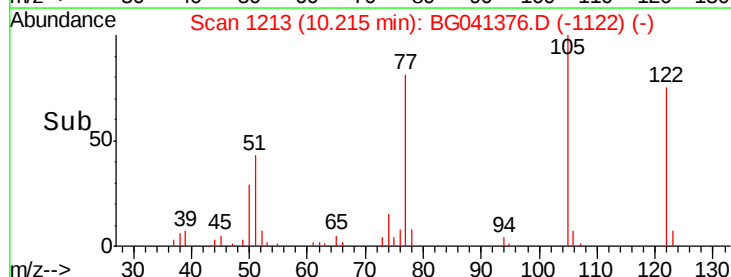
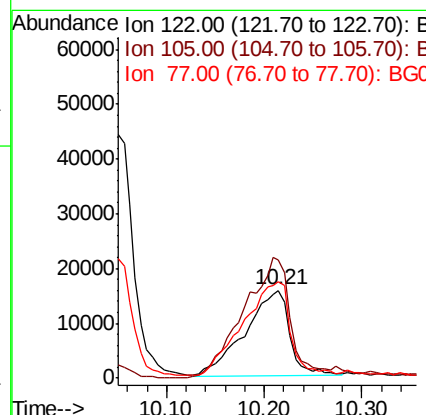
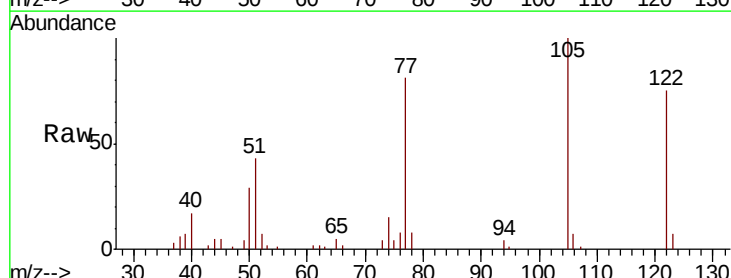
Manual Integrations
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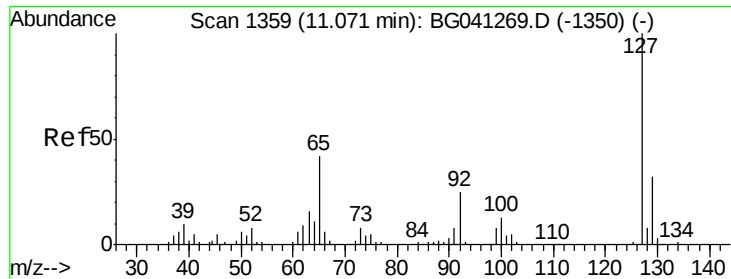
mohammad
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#32
Benzoic acid
Concen: 46.848 ng
RT: 10.21 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.2	124.2	164.2
77	109.1	97.2	137.2





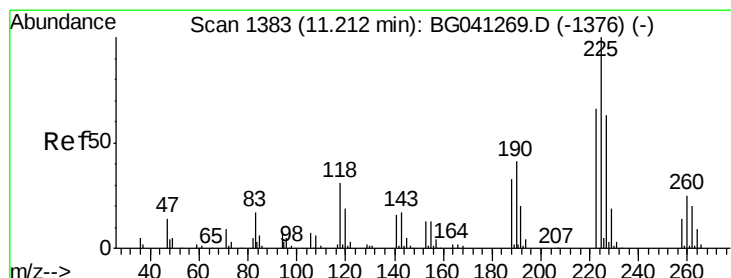
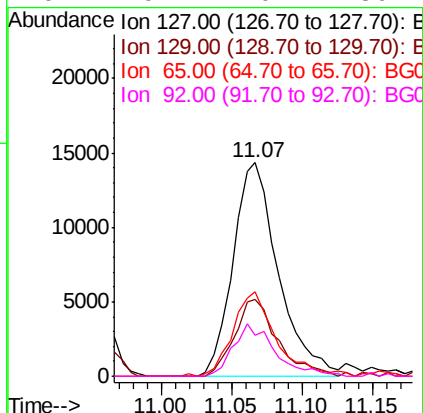
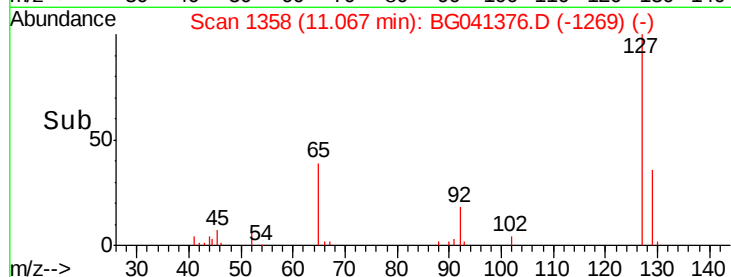
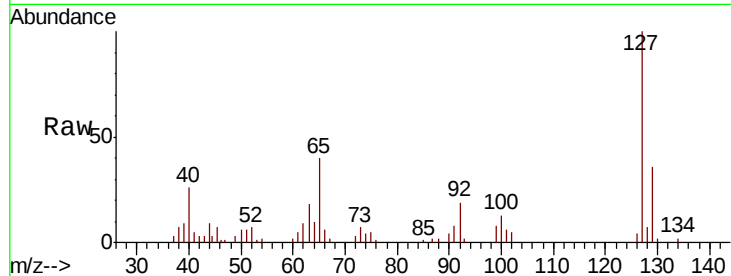
#33
4-Chloroaniline
Concen: 12.404 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.9	25.8	38.8
65	39.8	33.8	50.8
92	19.4	20.2	30.4

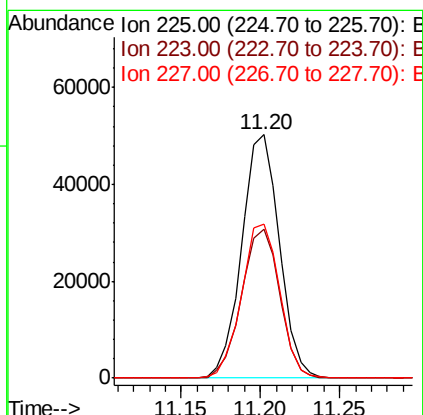
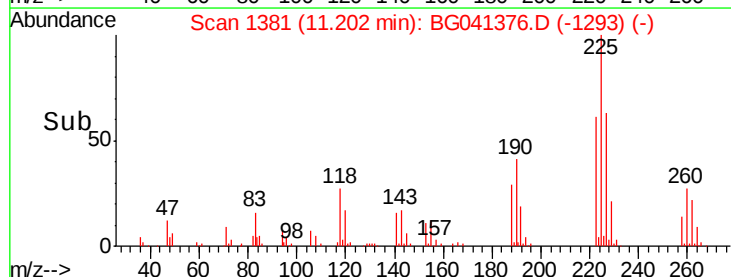
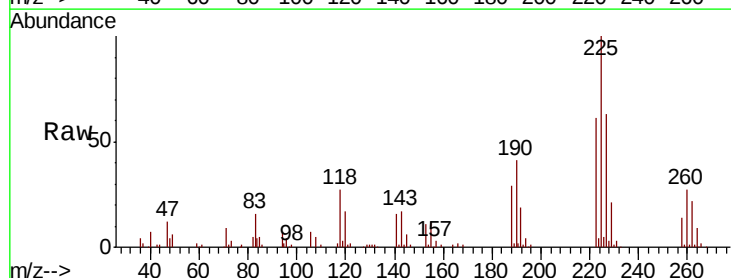
Manual Integrations
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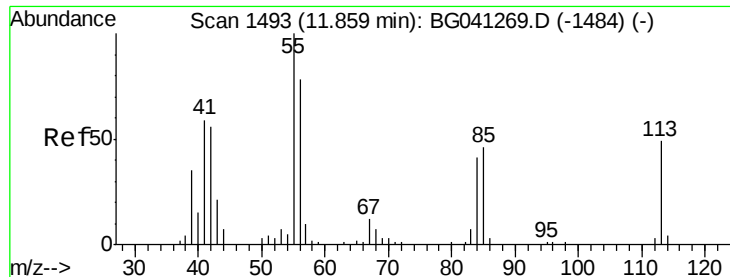
mohammad
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#34
Hexachlorobutadiene
Concen: 40.460 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	52.5	78.7
227	63.4	50.2	75.2





#35

Caprolactam

Concen: 43.178 ng/ml

RT: 11.86 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

ClientSampleId :

PB120652BS

Tot Ion:113 Resp: 30027

Ion Ratio Lower Upper

113 100

55 155.2 182.6 222.6#

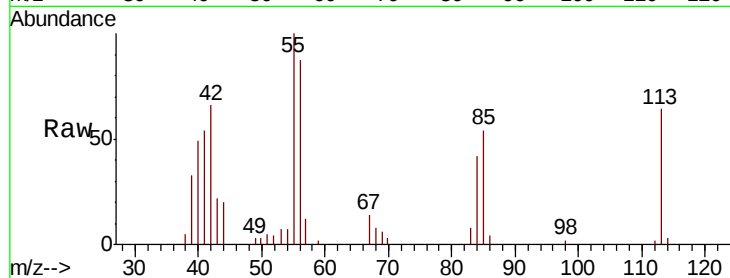
56 134.3 137.5 177.5#

Manual Integrations

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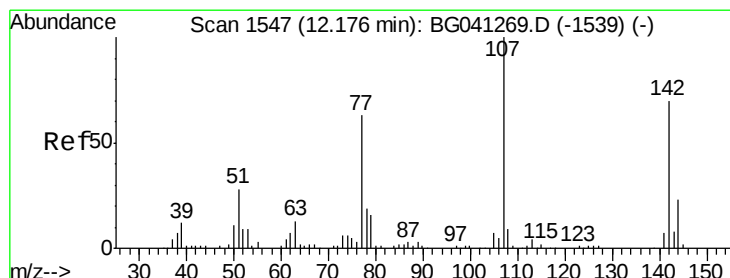
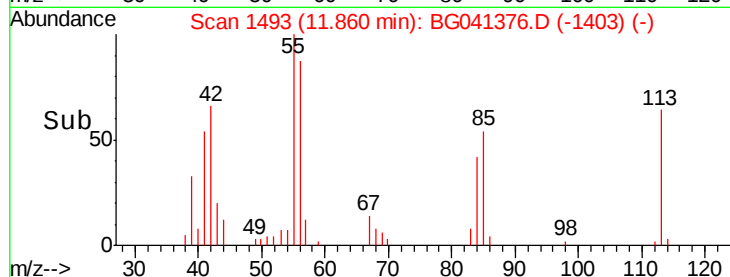
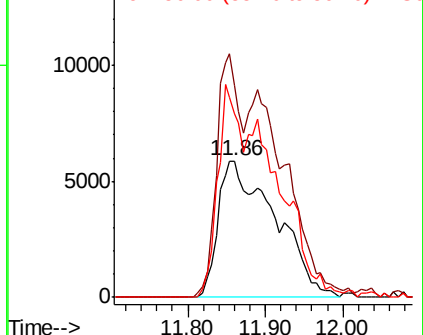
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041269.D (-1484) (-)

Ion 56.00 (55.70 to 56.70): BG041269.D (-1484) (-)



#36

4-Chloro-3-methylphenol

Concen: 46.514 ng/ml

RT: 12.18 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

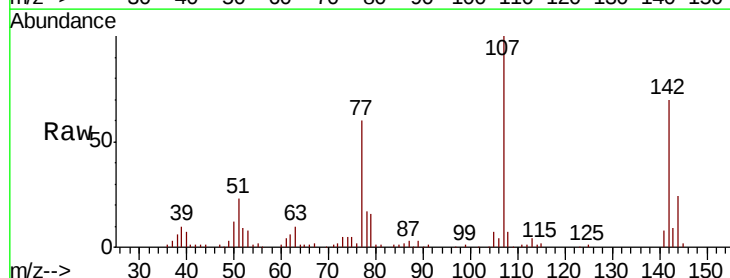
Tgt Ion:107 Resp: 108531

Ion Ratio Lower Upper

107 100

144 24.4 18.5 27.7

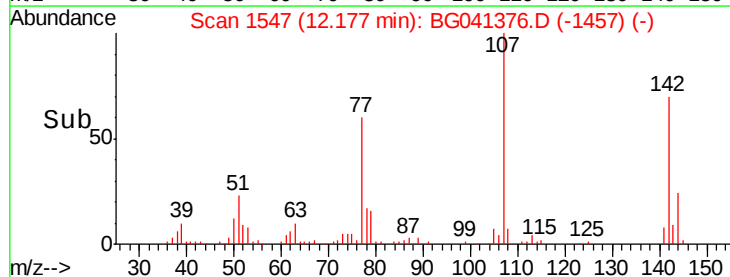
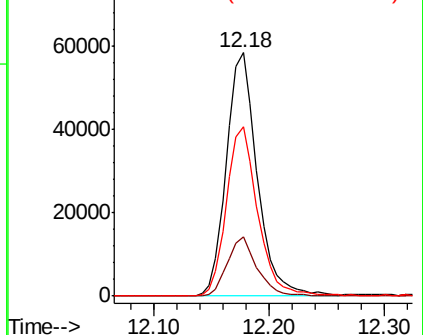
142 69.6 56.3 84.5

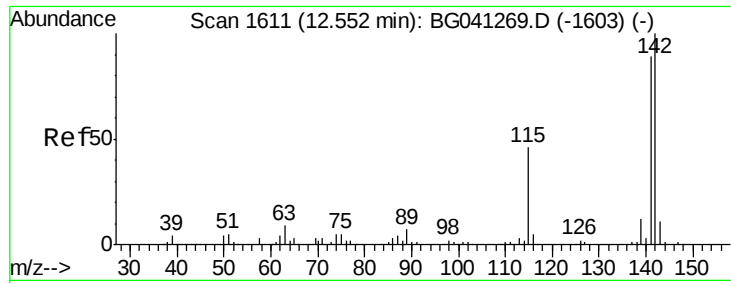


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





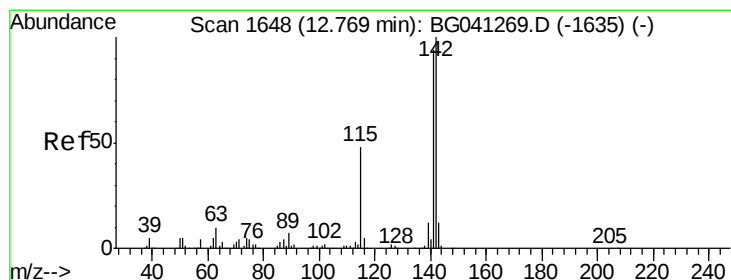
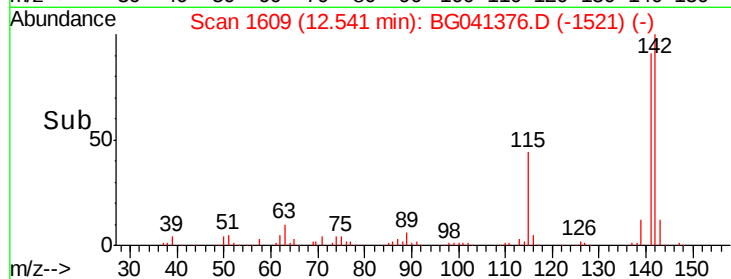
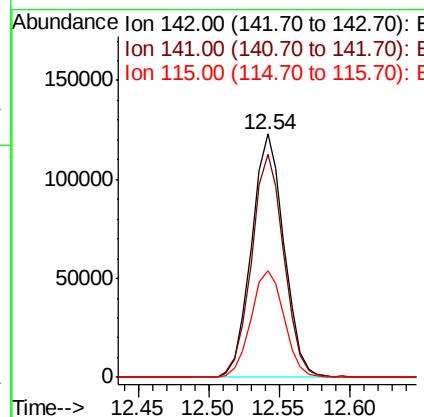
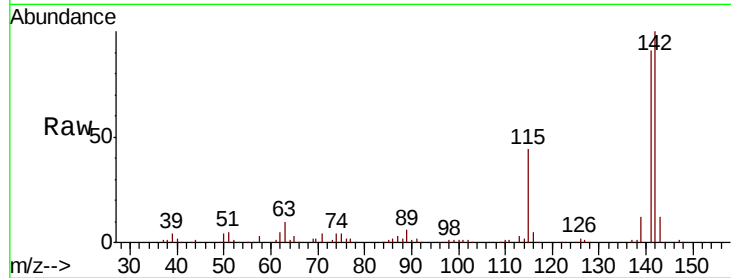
#37
2-Methylnaphthalene
Concen: 44.408 ng
RT: 12.54 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.5	107.3
115	43.8	37.0	55.6

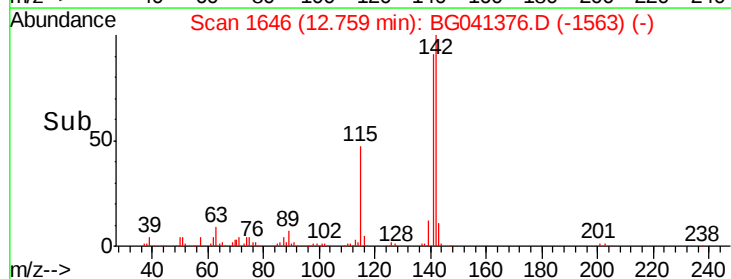
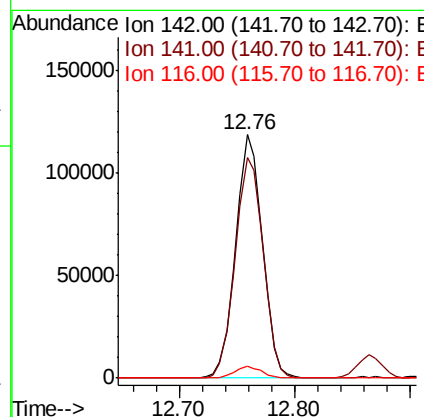
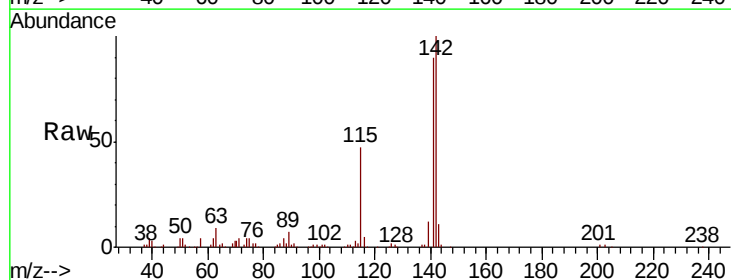
Manual Integrations
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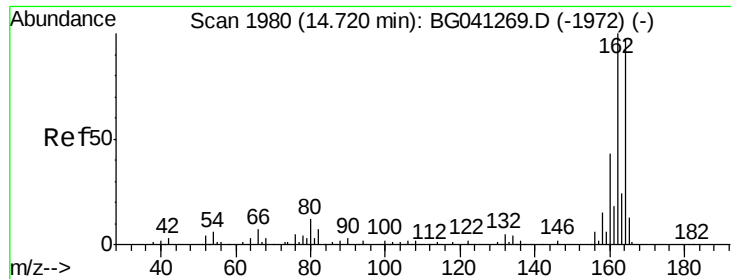
mohammad
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#38
1-Methylnaphthalene
Concen: 44.647 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.0	112.6
116	5.0	4.2	6.2





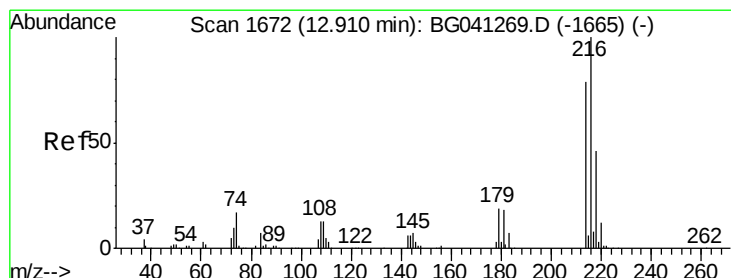
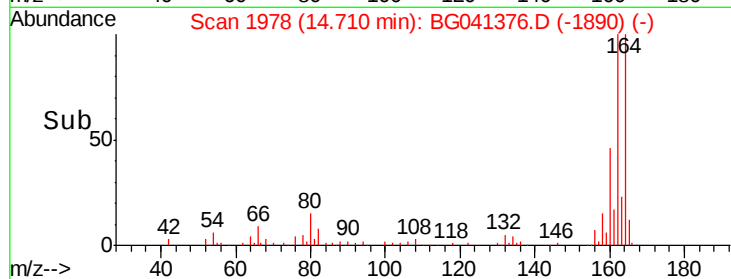
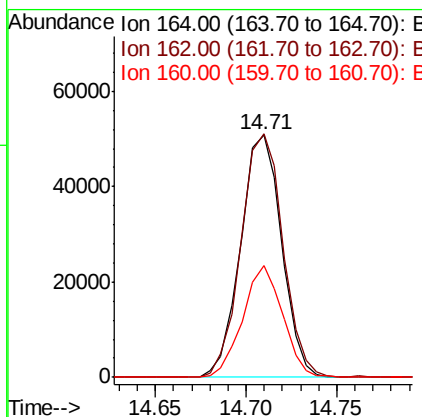
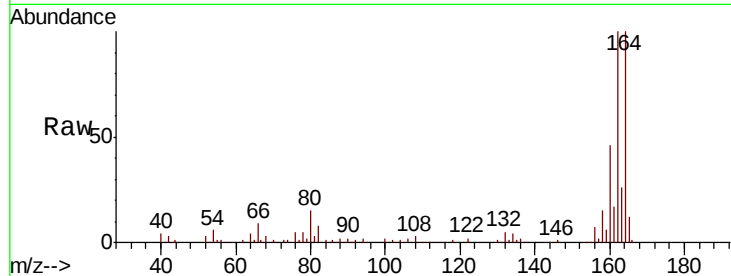
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.8	124.2
160	46.2	35.8	53.8

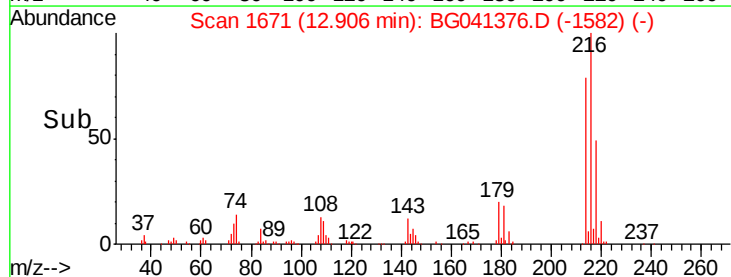
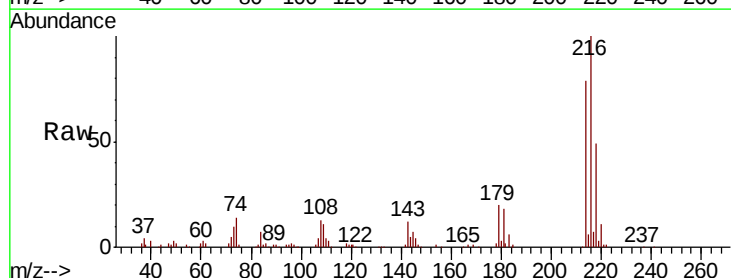
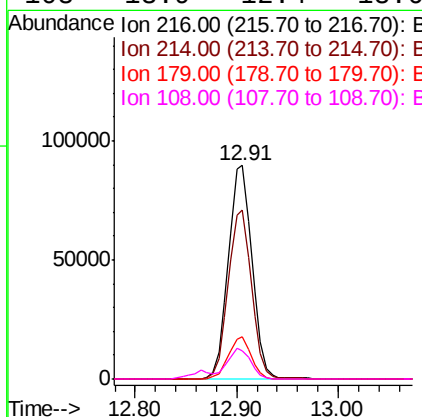
Manual Integrations
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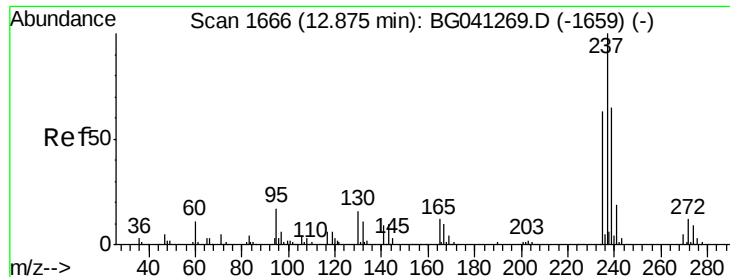
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.144 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.8	94.2
179	18.8	15.2	22.8
108	13.9	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 81.298 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

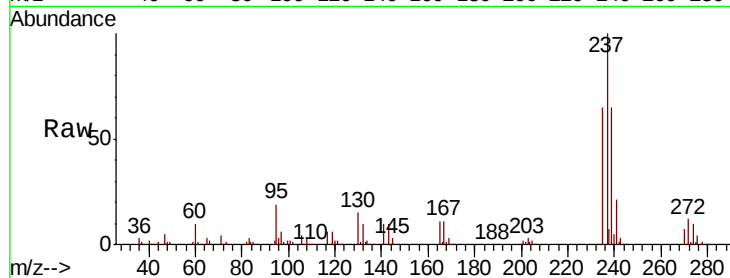
ClientSampleId :

PB120652BS

Tot Ion:	237	Resp:	181123
Ion Ratio	Lower	Upper	
237	100		
235	65.0	42.9	82.9
272	12.5	0.0	32.0

Manual Integrations
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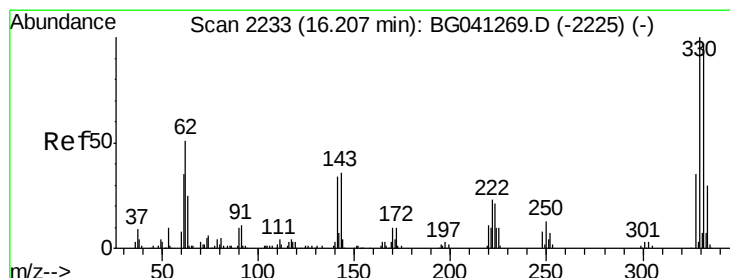
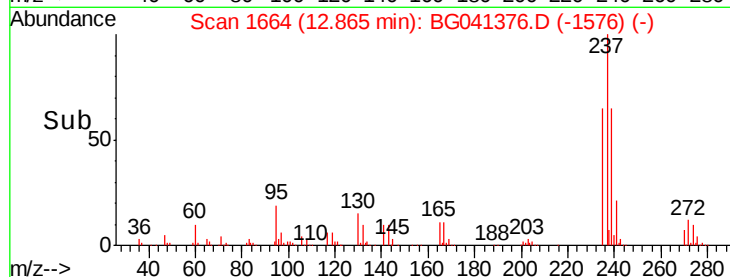
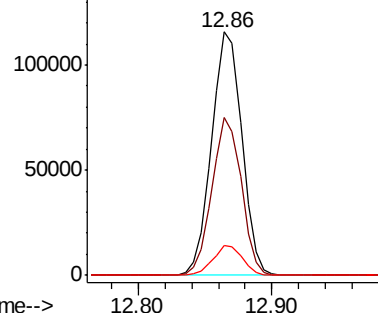


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 144.163 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

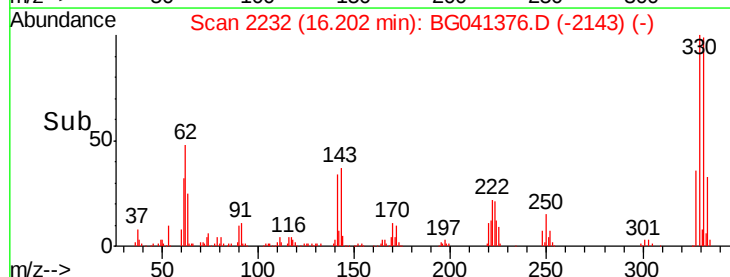
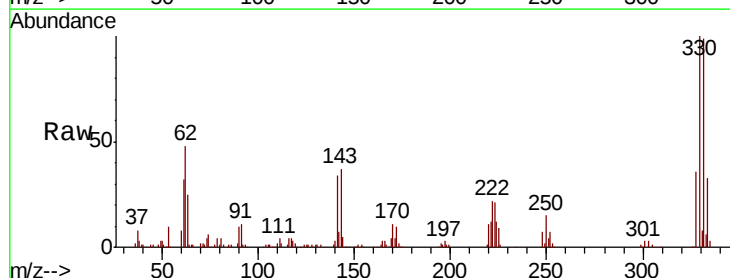
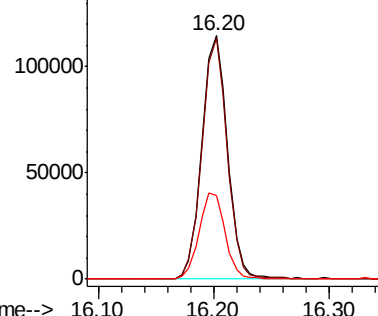
Tgt Ion:	330	Resp:	177274
Ion Ratio	Lower	Upper	
330	100		
332	97.5	75.5	113.3
141	35.7	29.0	43.4

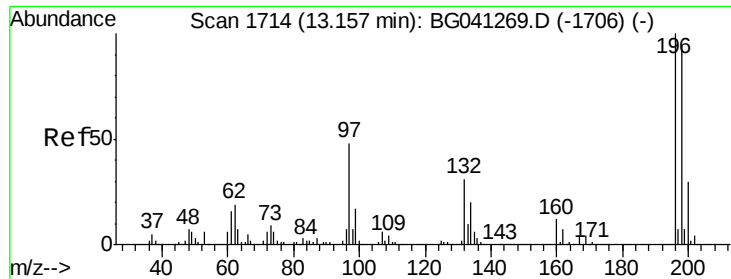
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





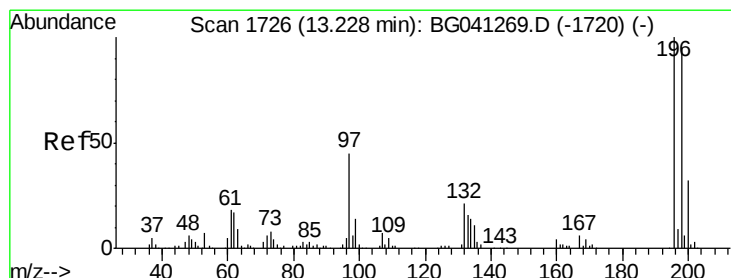
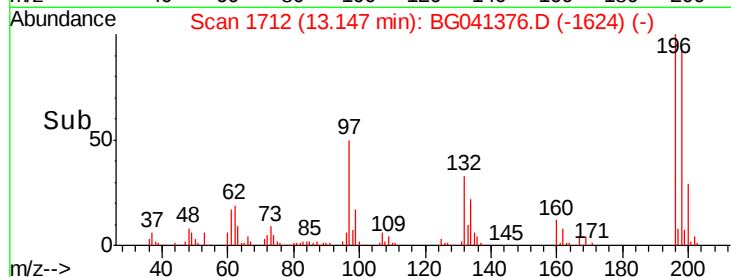
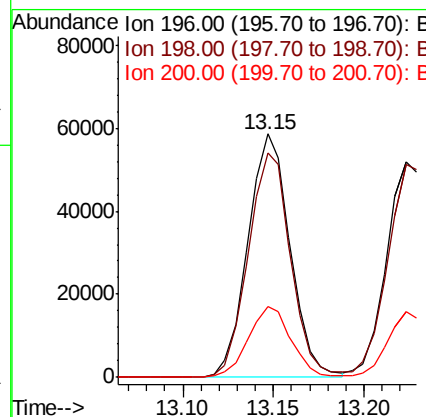
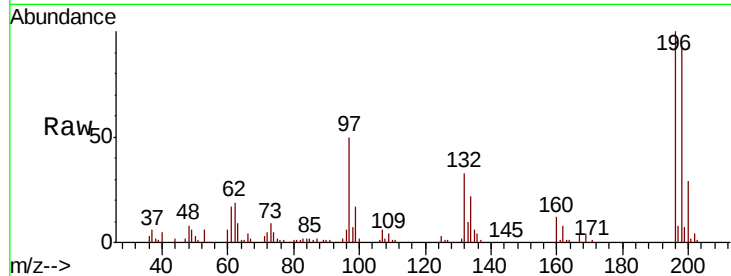
#43
 2,4,6-Trichlorophenol
 Concen: 46.098 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampled :
 PB120652BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	94319		
198	92.4	74.9	112.3	
200	29.2	24.2	36.2	

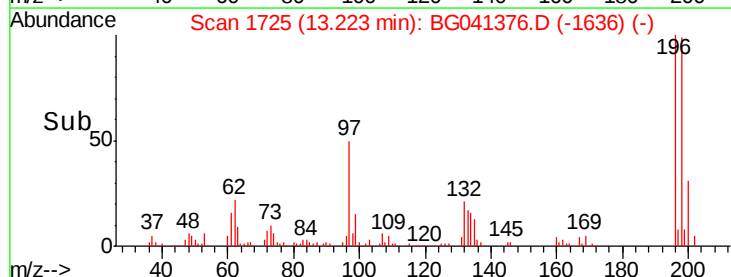
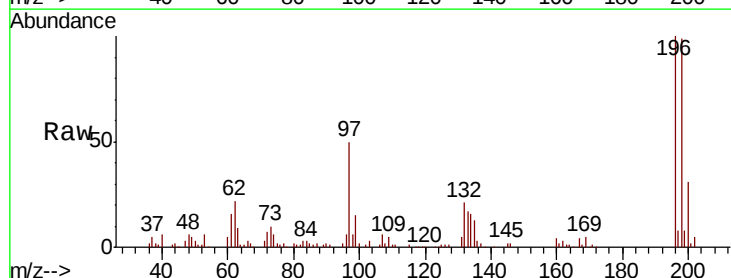
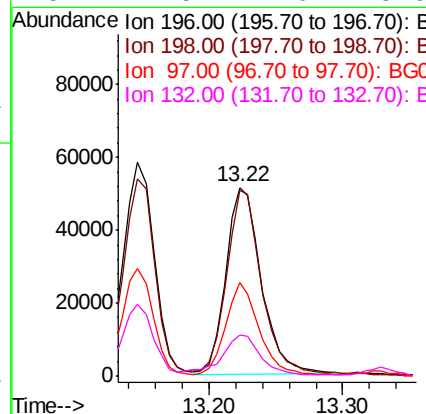
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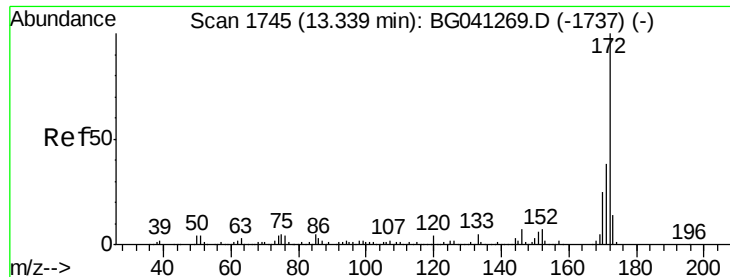
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.357 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95488		
198	98.8	76.1	114.1	
97	49.9	35.9	53.9	
132	21.5	17.0	25.6	





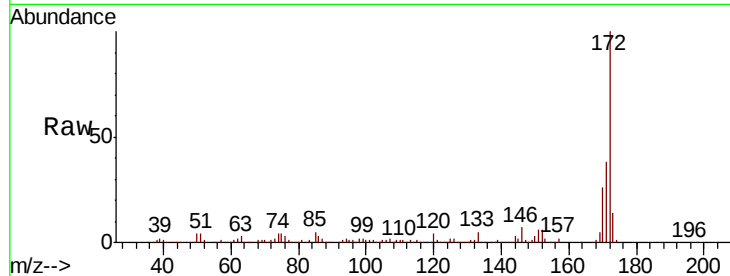
#45
2-Fluorobiphenyl
Concen: 92.524 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.5	19.8	29.6

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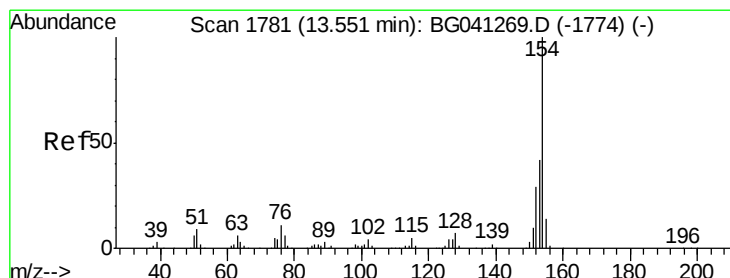
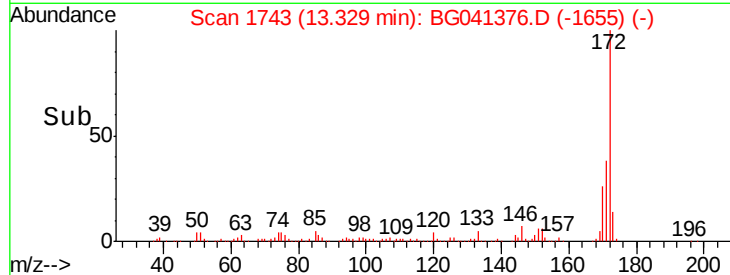
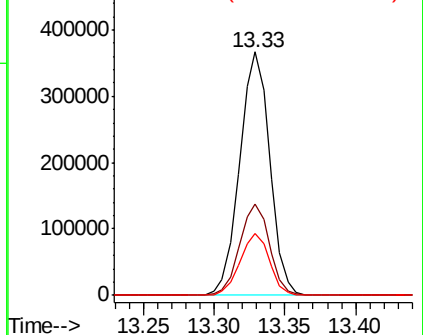


Abundance

Ion 172.00 (171.70 to 172.70): E

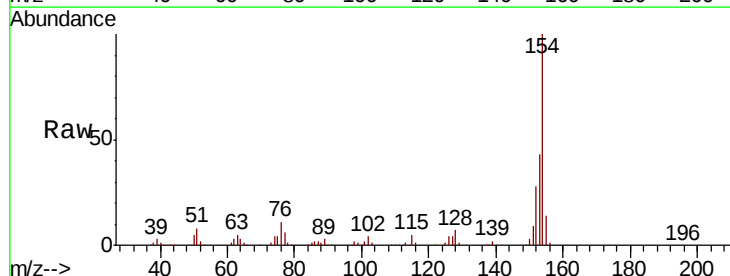
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.928 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	43.0	22.3	62.3
76	11.4	0.0	30.8

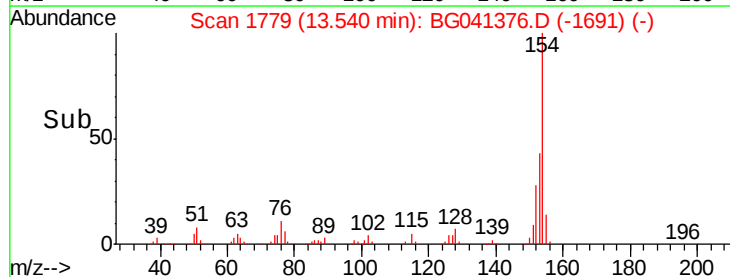
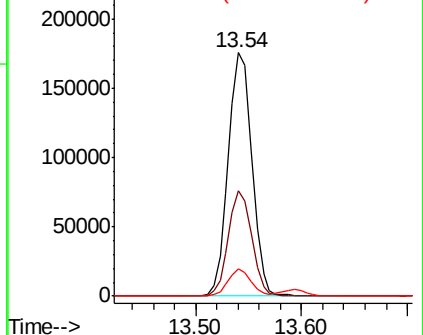


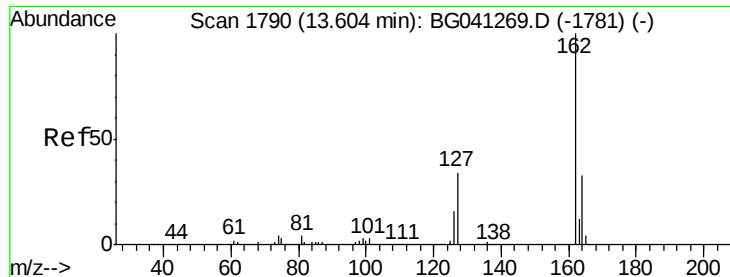
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





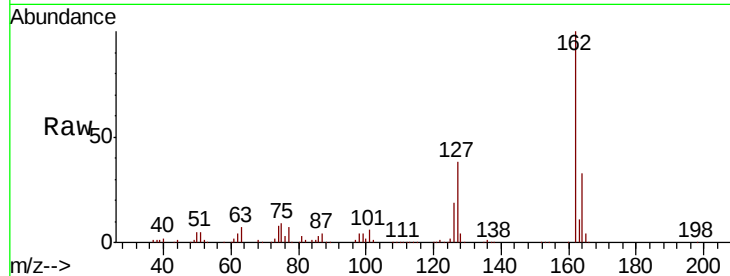
#47
2-Chloronaphthalene
Concen: 43.725 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.1	31.0	46.4
164	33.0	26.1	39.1

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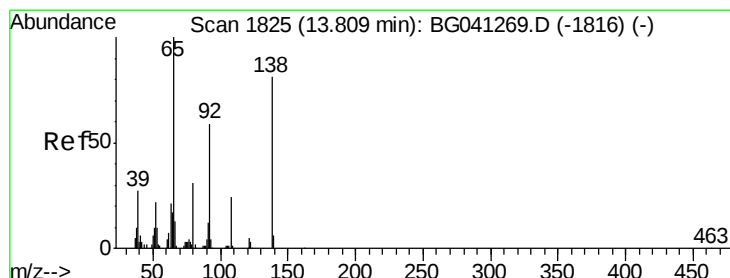
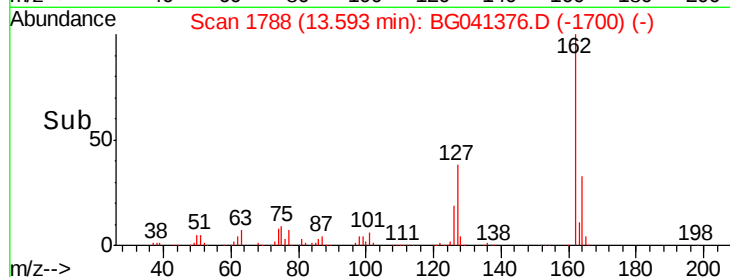
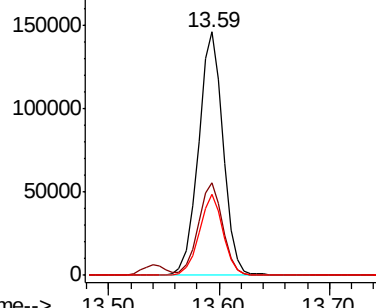


Abundance

Ion 162.00 (161.70 to 162.70): E

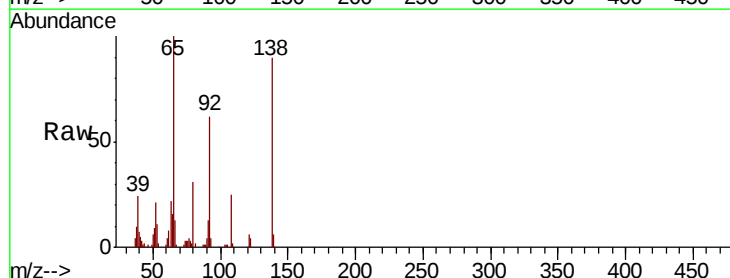
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.297 ng
RT: 13.80 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	62.1	47.4	71.2
138	89.9	64.7	97.1

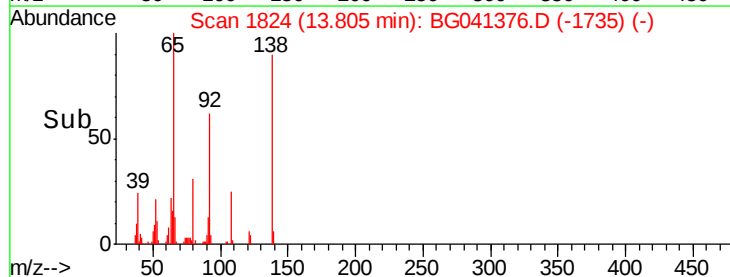
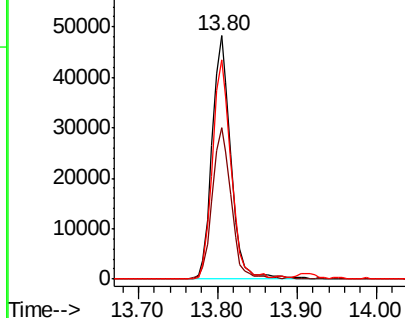


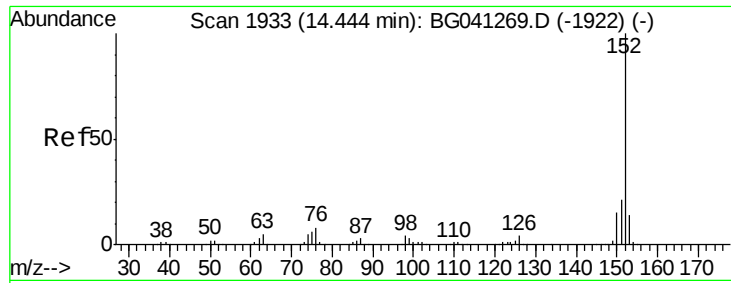
Abundance

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: 43.994 ng

RT: 14.43 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

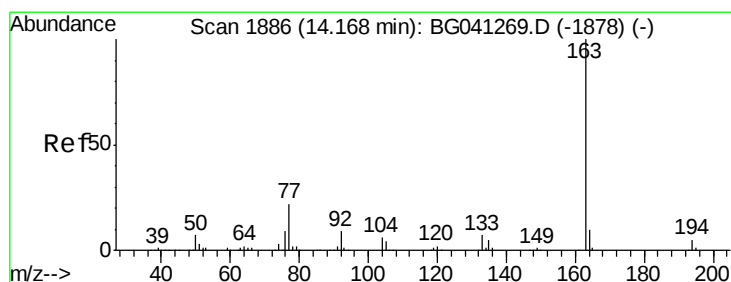
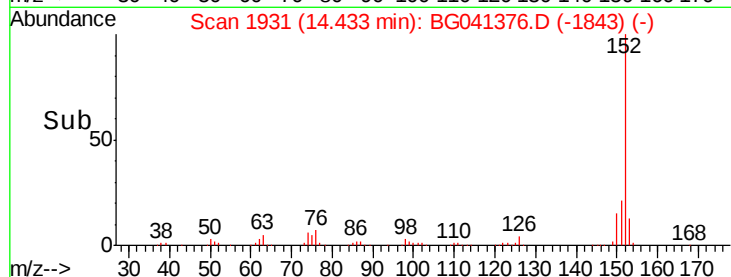
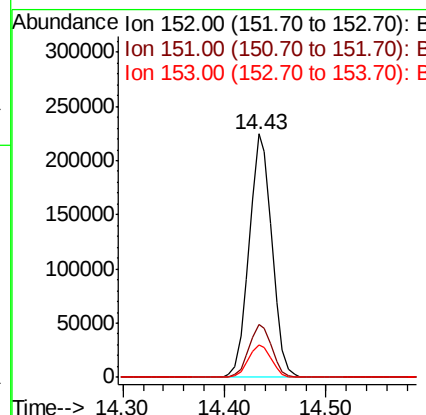
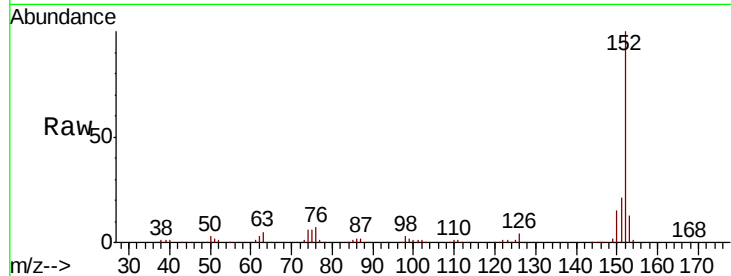
ClientSampleId :

PB120652BS

Tot Ion:	152	Resp:	348037
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.8	25.2
153	13.3	10.8	16.2

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#50

Dimethylphthalate

Concen: 41.414 ng

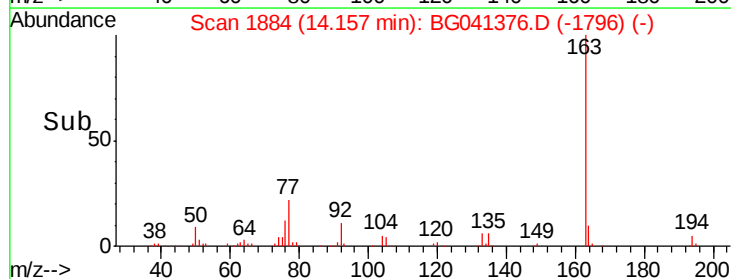
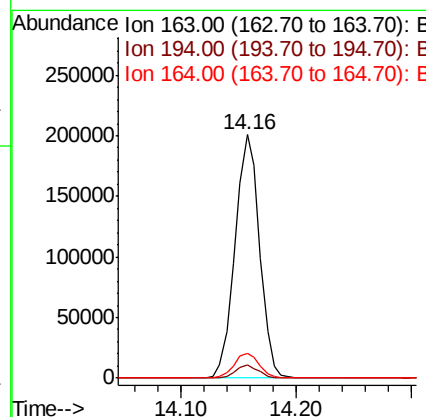
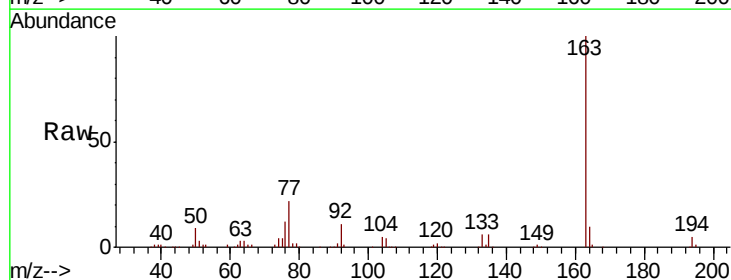
RT: 14.16 min Scan# 1884

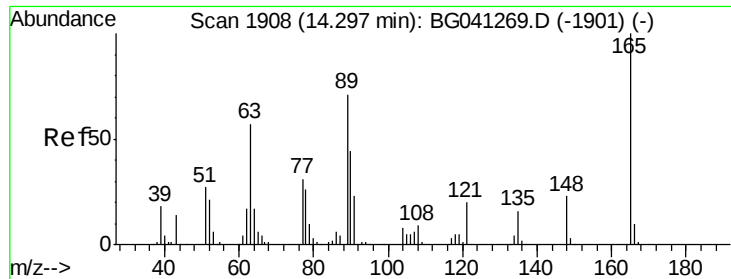
Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion:	163	Resp:	295149
Ion Ratio	Lower	Upper	
163	100		
194	5.3	3.9	5.9
164	10.4	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 44.198 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

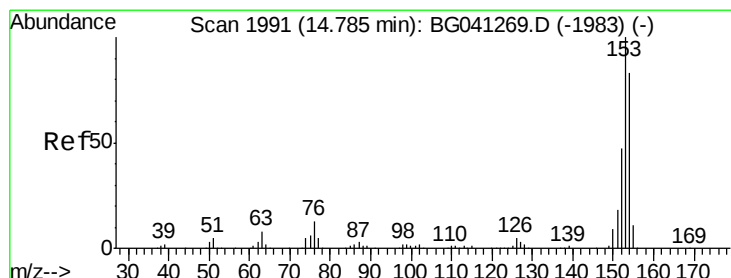
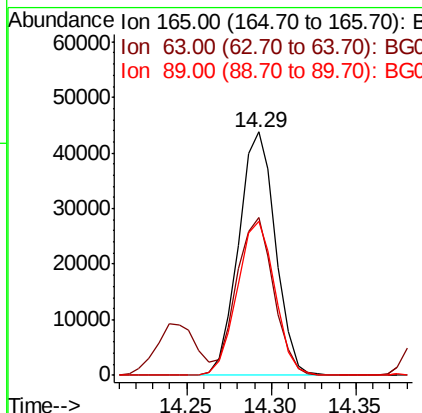
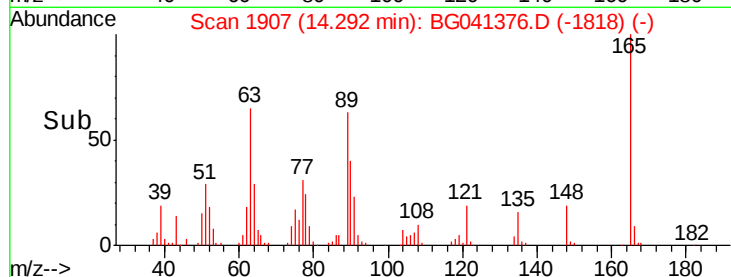
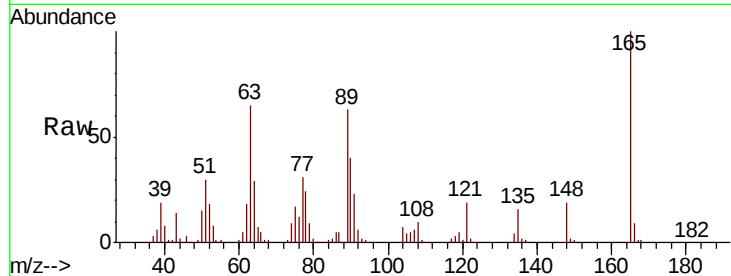
ClientSampleId :

PB120652BS

Tot Ion:	165	Resp:	66417
Ion Ratio	Lower	Upper	
165	100		
63	64.8	55.4	83.0
89	63.3	56.5	84.7

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#52

Acenaphthene

Concen: 42.931 ng

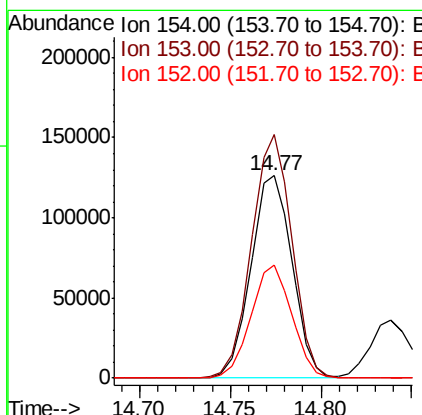
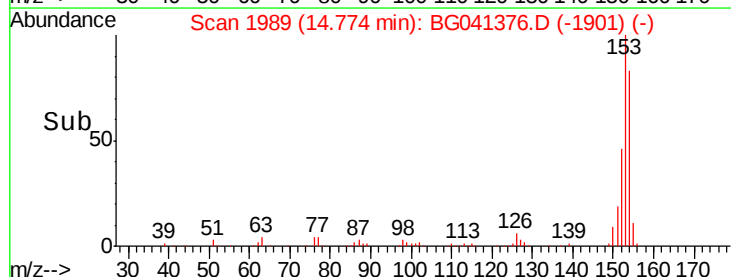
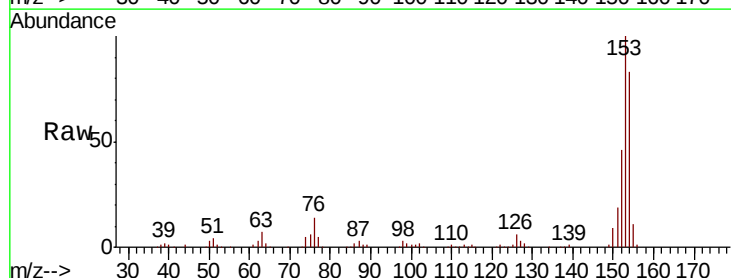
RT: 14.77 min Scan# 1989

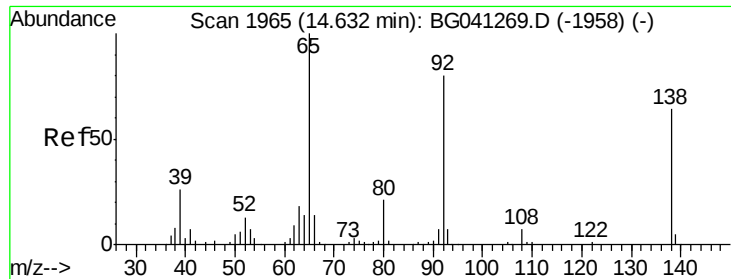
Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion:	154	Resp:	199434
Ion Ratio	Lower	Upper	
154	100		
153	120.3	96.6	145.0
152	55.9	45.5	68.3





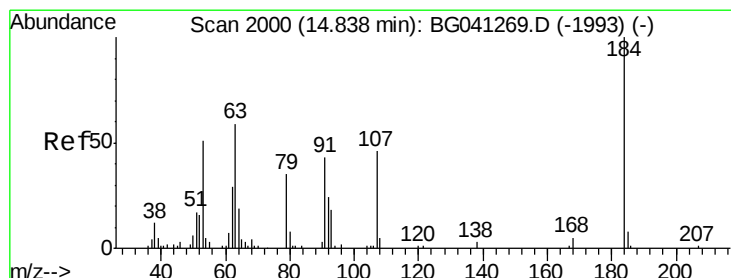
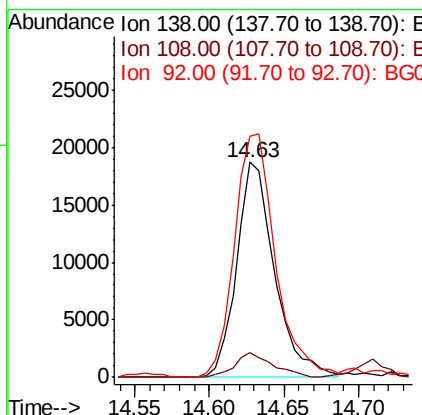
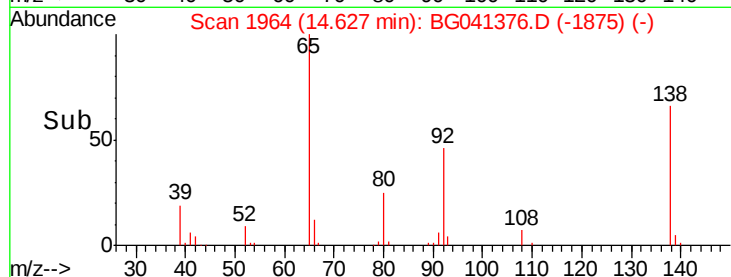
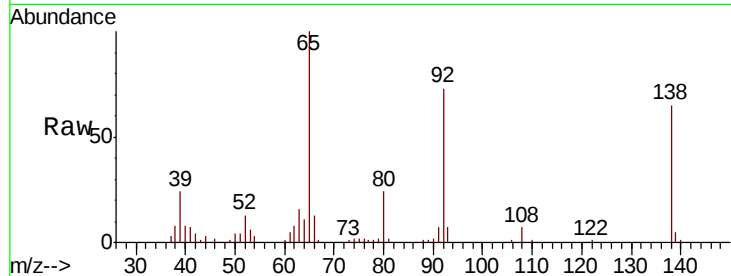
#53
3-Nitroaniline
Concen: 22.297 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.3	12.5
92	112.0	100.2	150.4

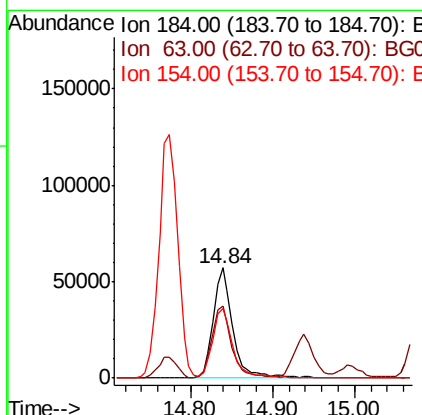
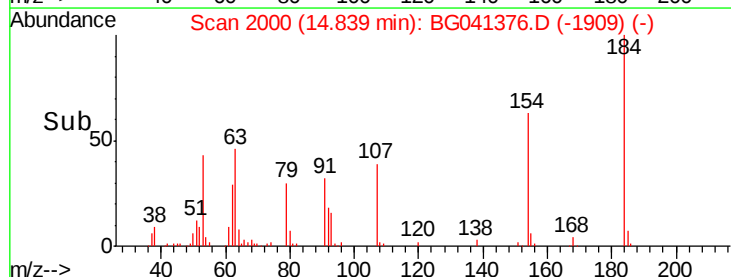
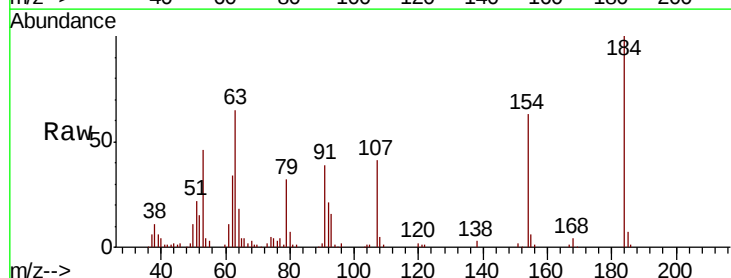
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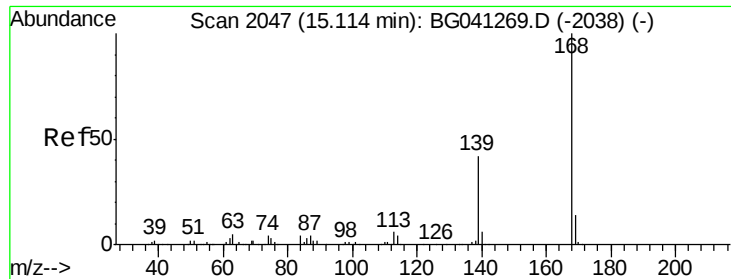
mohammad
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#54
2,4-Dinitrophenol
Concen: 88.103 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	60.0	90.0
154	63.3	58.3	87.5





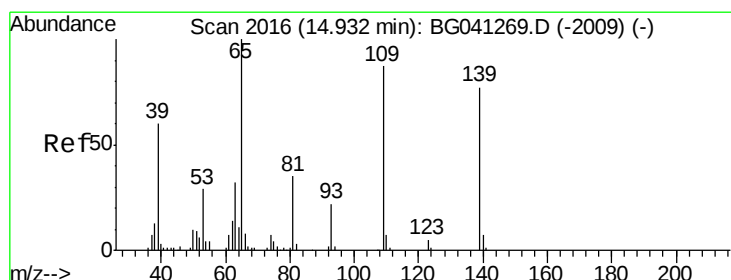
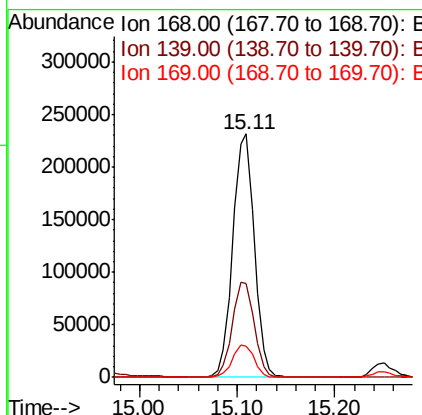
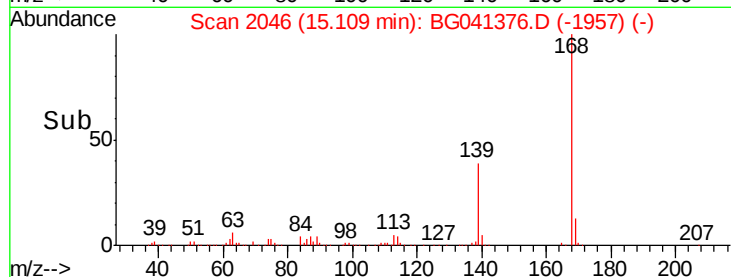
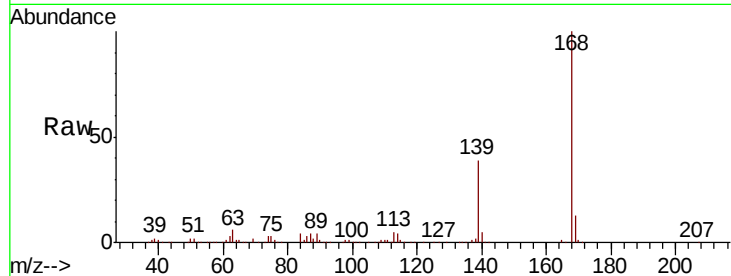
#55
Dibenzofuran
Concen: 43.830 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	33.6	50.4
169	12.9	10.8	16.2

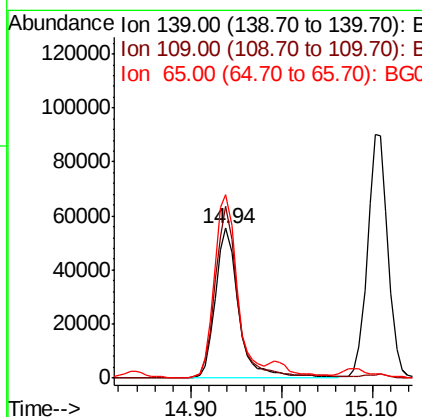
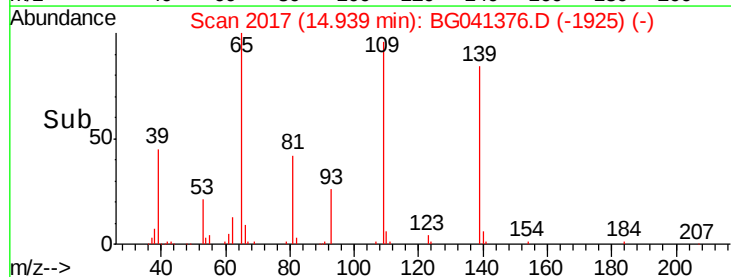
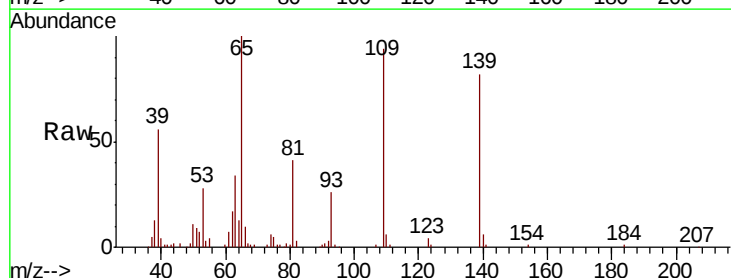
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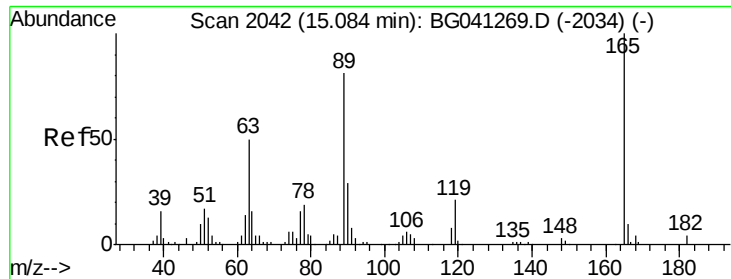
mohammad
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#56
4-Nitrophenol
Concen: 88.479 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	114.5	93.2	133.2
65	122.3	110.2	150.2





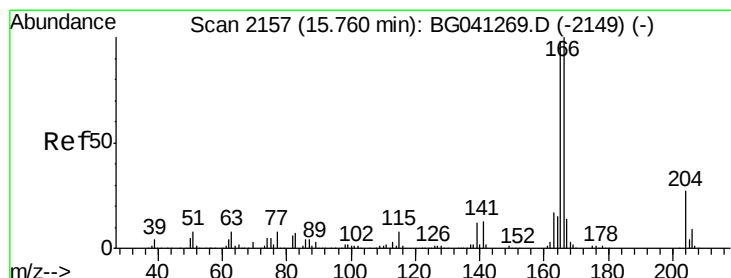
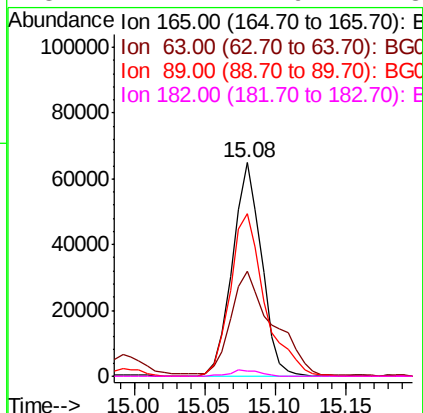
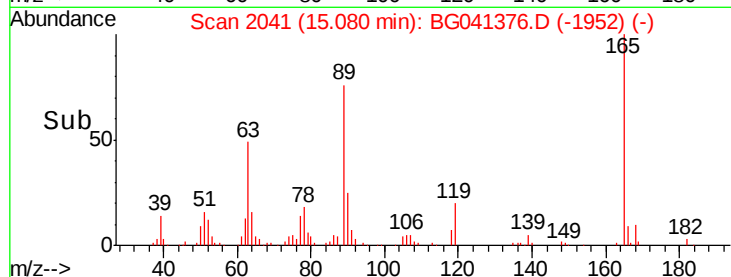
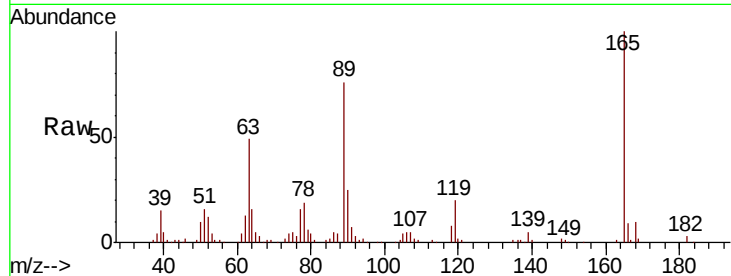
#57
2,4-Dinitrotoluene
Concen: 42.531 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.1	40.0	60.0	
89	76.3	64.6	96.8	
182	2.7	2.9	4.3	

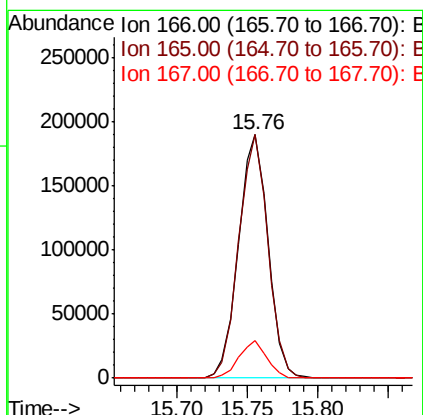
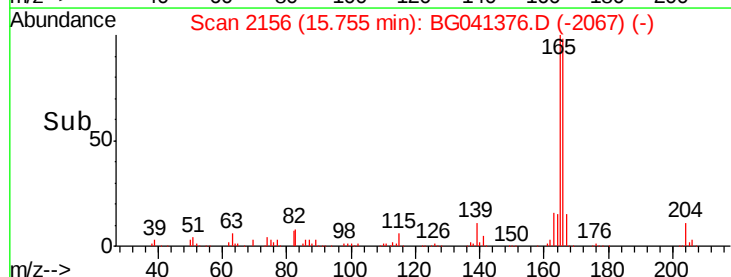
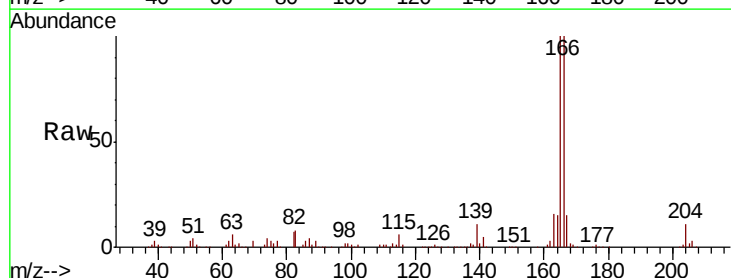
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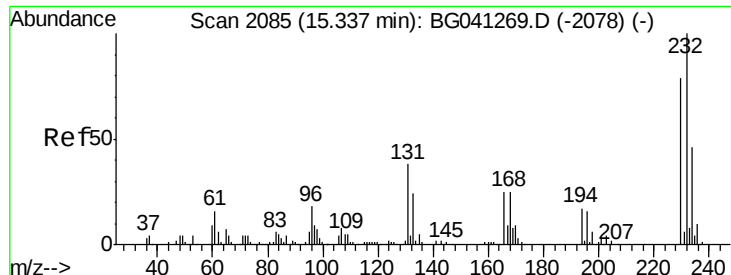
mohammad
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#58
Fluorene
Concen: 43.745 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	78.8	118.2	
167	15.4	11.3	16.9	





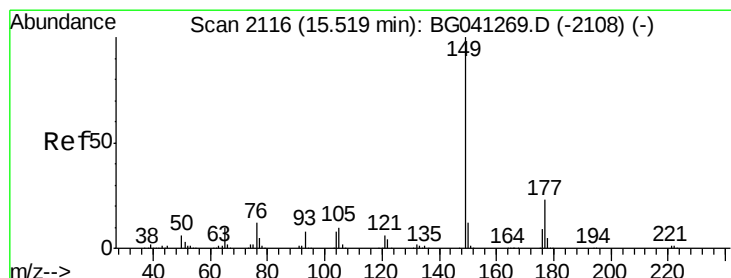
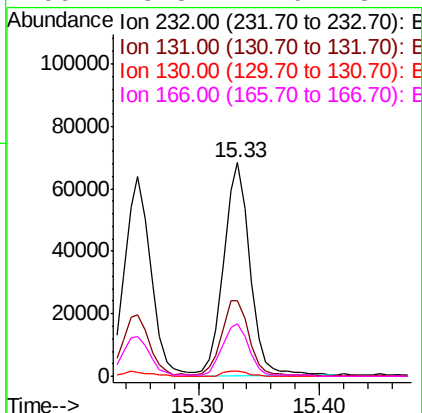
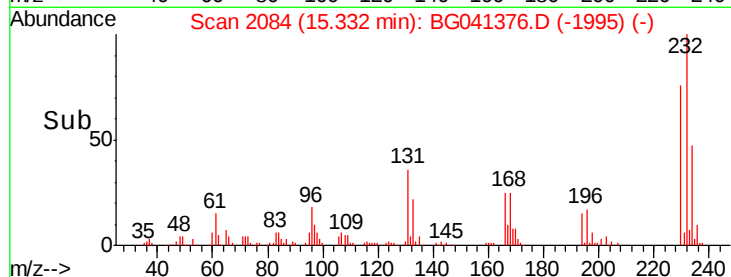
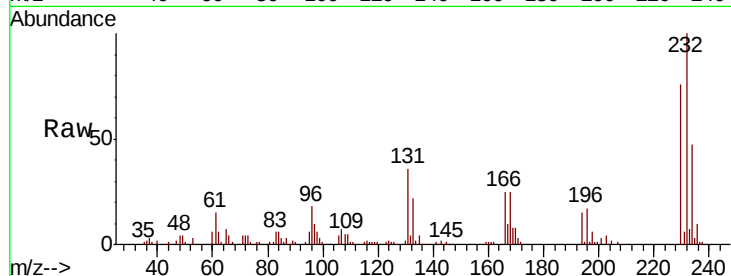
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.258 ng
 RT: 15.33 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	102884		
131	38.1	29.0	43.6	
130	2.2	1.6	2.4	
166	25.8	21.0	31.4	

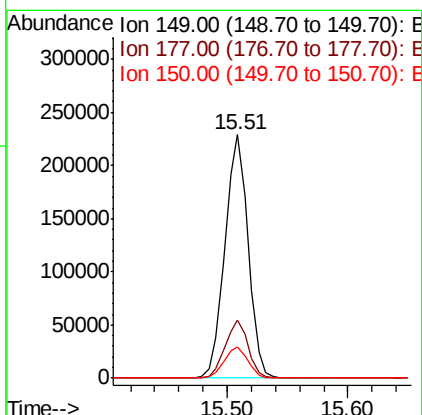
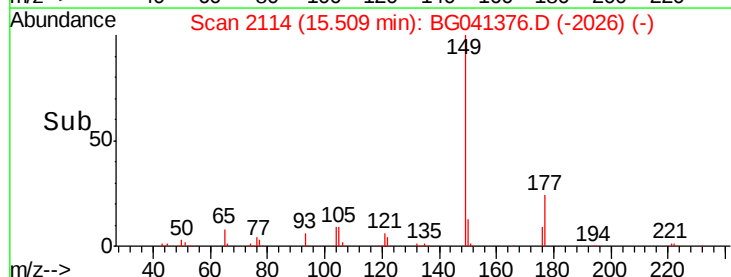
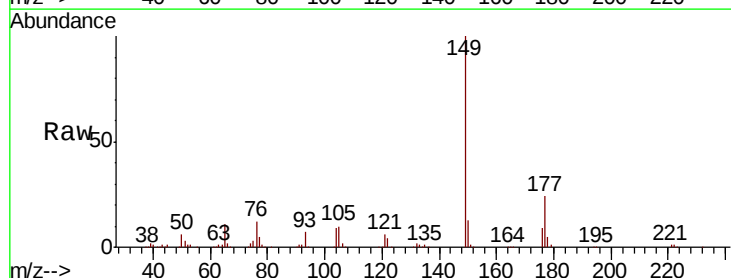
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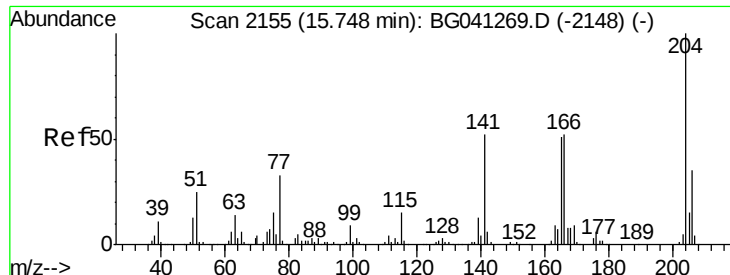
mohammad
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#60
 Diethylphthalate
 Concen: 41.932 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	303751		
177	24.0	18.4	27.6	
150	12.7	9.9	14.9	





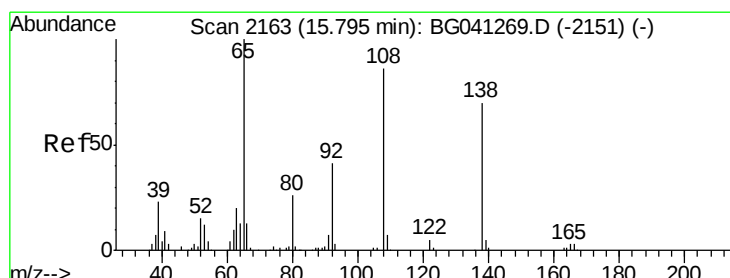
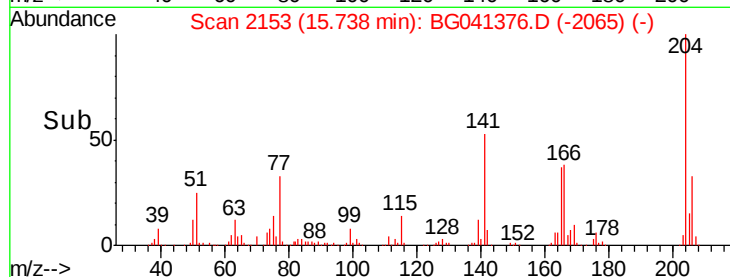
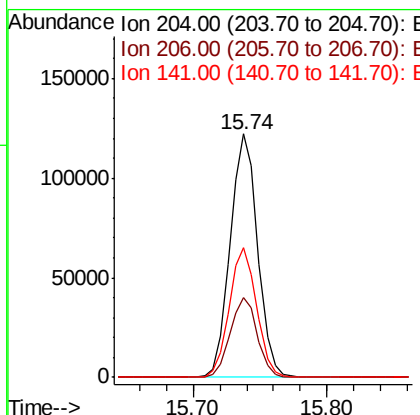
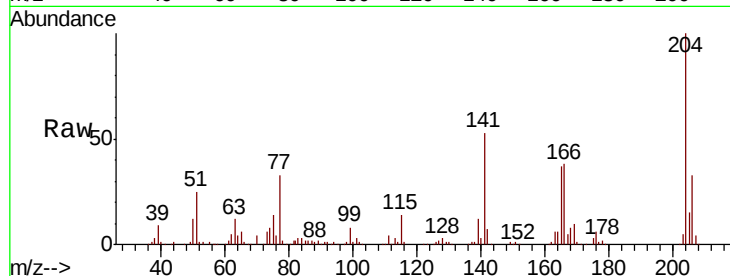
#61
 4-Chlorophenyl-phenylether
 Concen: 42.261 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.9	41.9
141	53.2	41.4	62.0

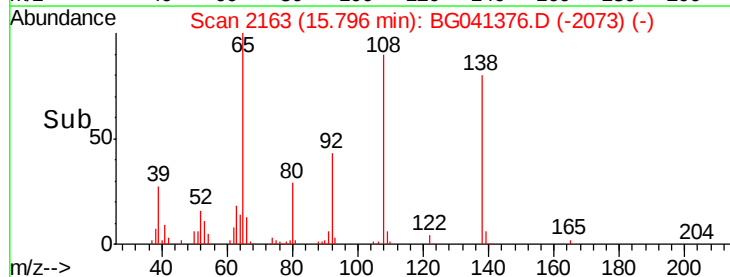
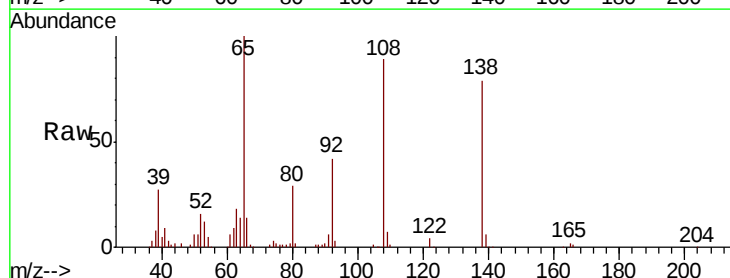
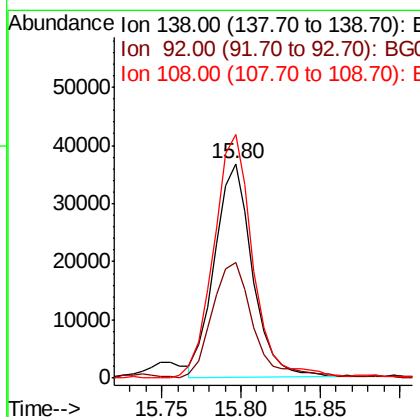
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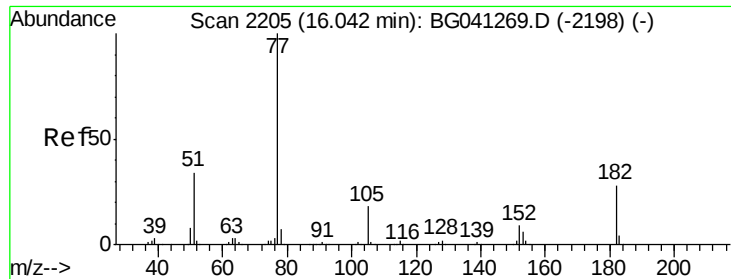
mohammad
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#62
 4-Nitroaniline
 Concen: 38.130 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	38.8	78.8
108	113.7	103.4	143.4





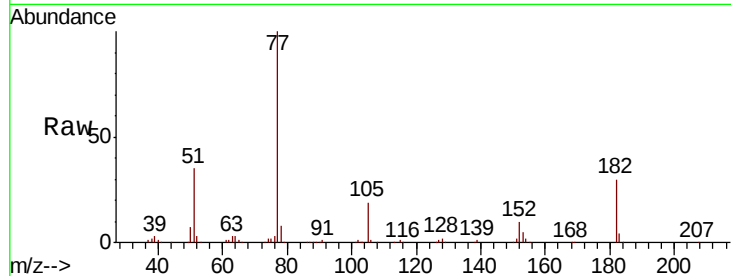
#63
Azobenzene
Concen: 42.032 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

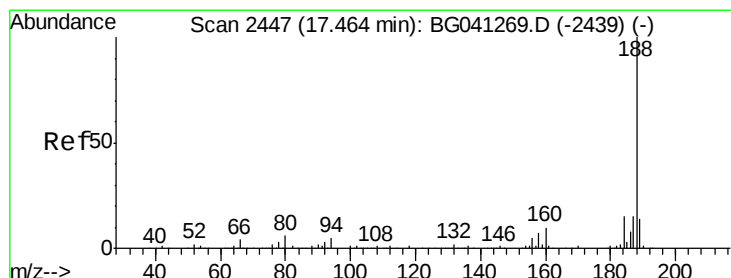
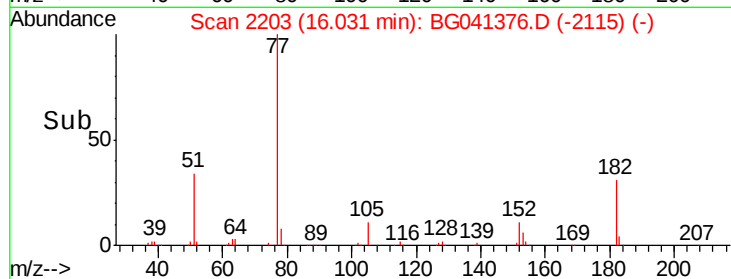
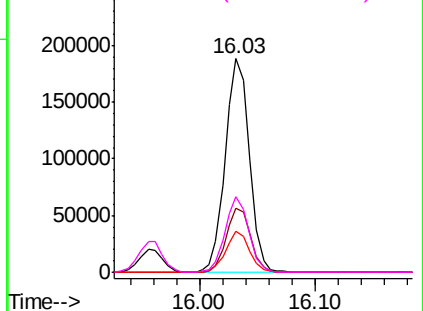
Tot Ion:	77	Resp:	271626
Ion	Ratio	Lower	Upper
77	100		
182	29.7	7.5	47.5
105	19.0	0.0	37.7
51	35.2	14.6	54.6

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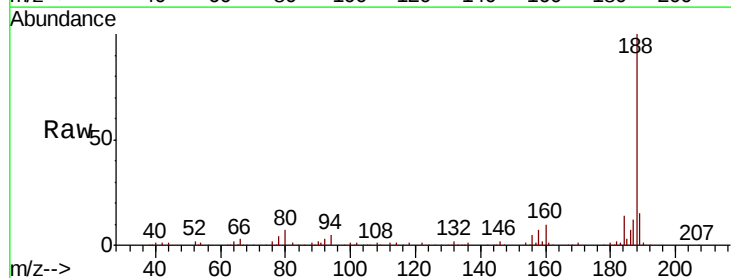


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

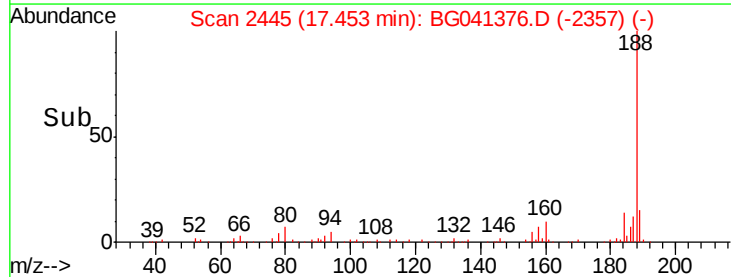
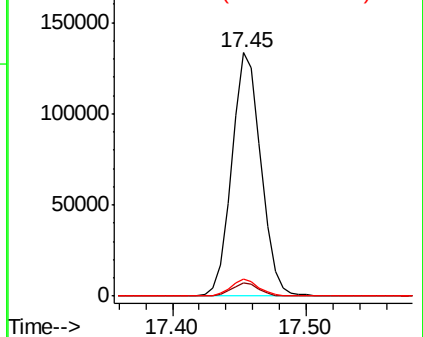


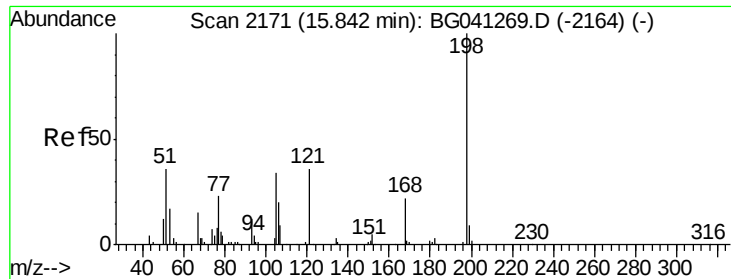
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion:	188	Resp:	202792
Ion	Ratio	Lower	Upper
188	100		
94	5.5	3.6	5.4#
80	6.9	4.8	7.2



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.973 ng

RT: 15.84 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

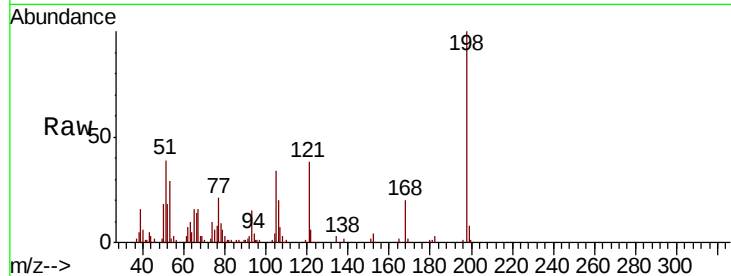
ClientSampled :

PB120652BS

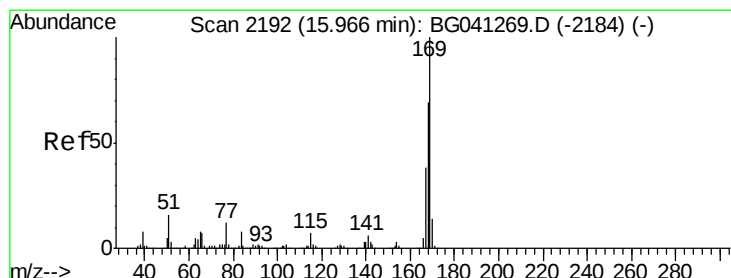
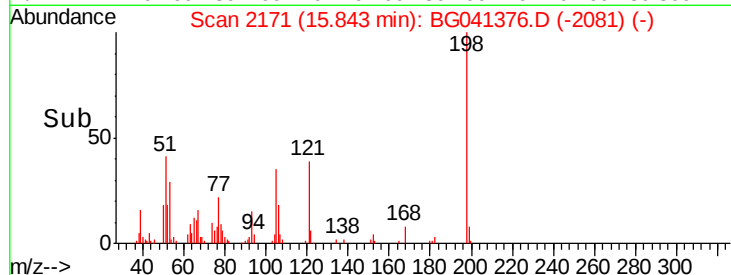
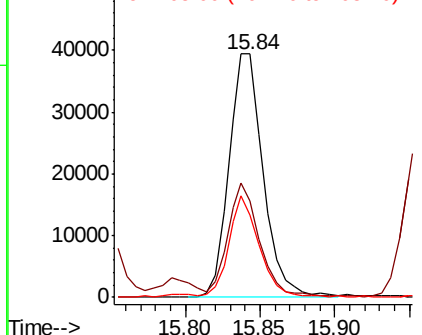
Tot Ion:	198	Resp:	63146
Ion Ratio	Lower	Upper	
198	100		
51	39.4	23.4	63.4
105	33.6	15.8	55.8

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.807 ng

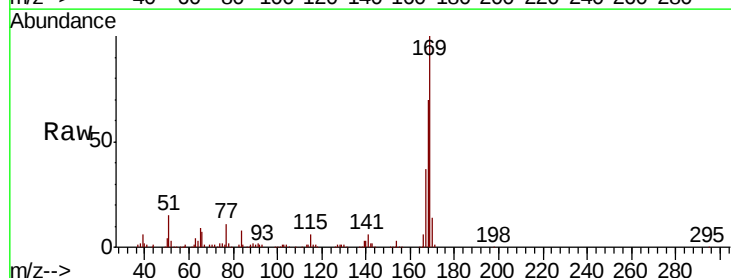
RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

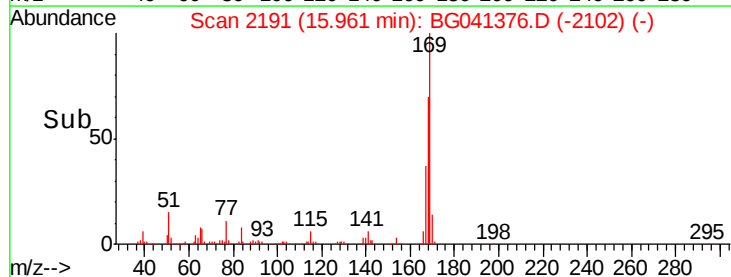
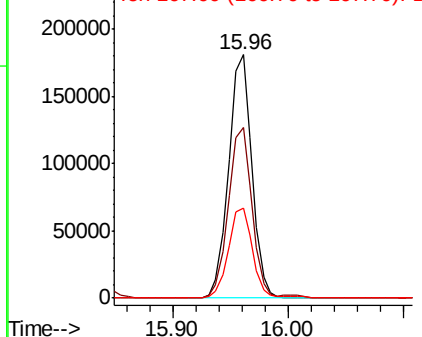
Lab File: BG041376.D

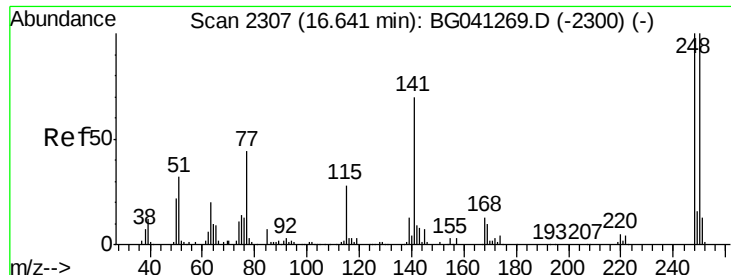
Acq: 21 Jun 2019 13:25

Tgt Ion:	169	Resp:	252036
Ion Ratio	Lower	Upper	
169	100		
168	70.1	55.2	82.8
167	37.1	30.4	45.6



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





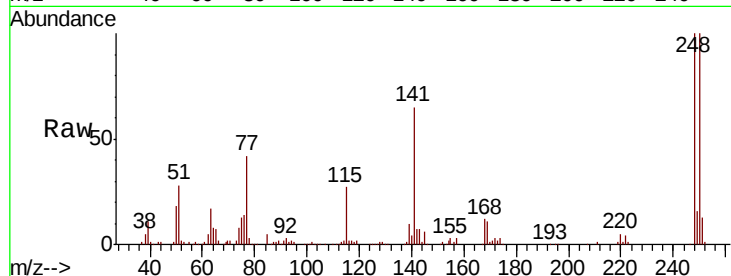
#67
4-Bromophenyl-phenylether
Concen: 43.344 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampled :
PB120652BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.8	119.8
141	65.5	55.8	83.6

Manual Integrations
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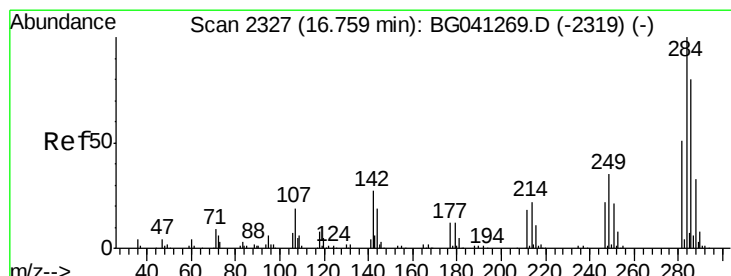
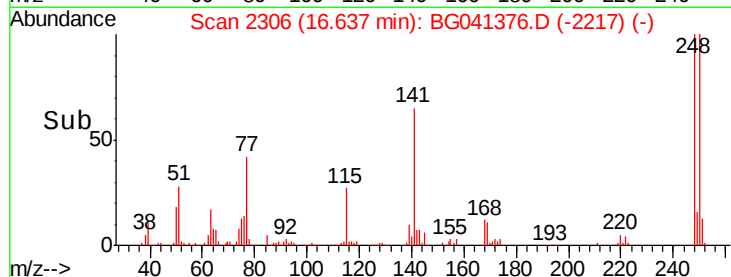
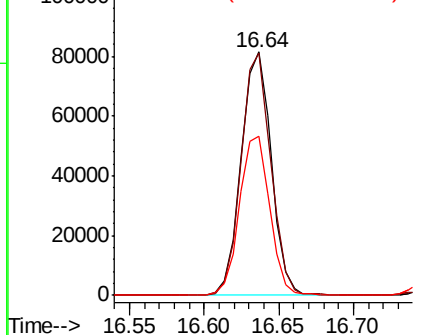


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.689 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

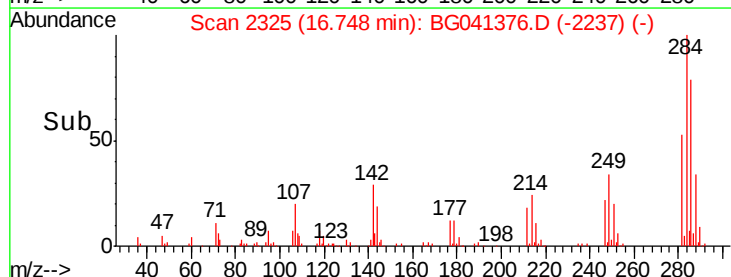
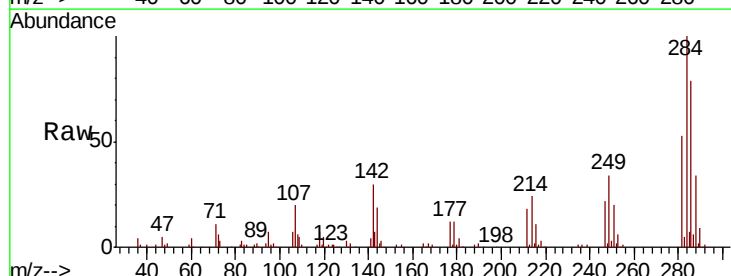
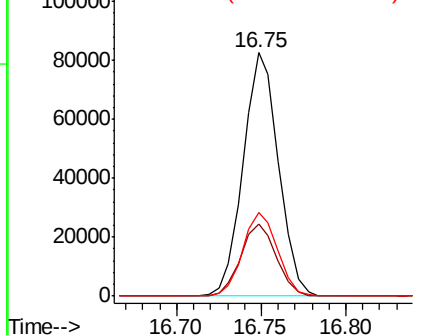
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	21.8	32.8
249	34.3	27.8	41.6

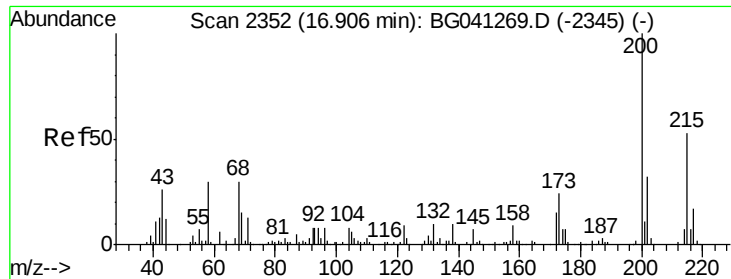
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





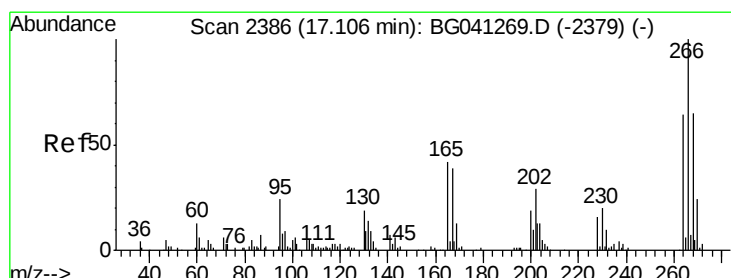
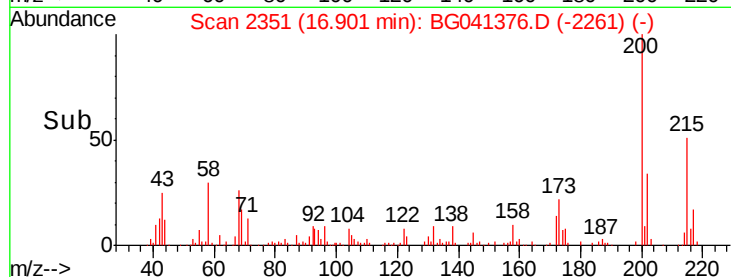
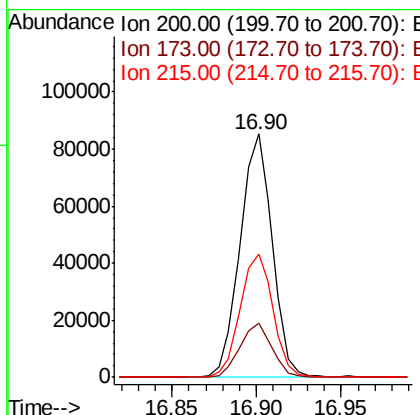
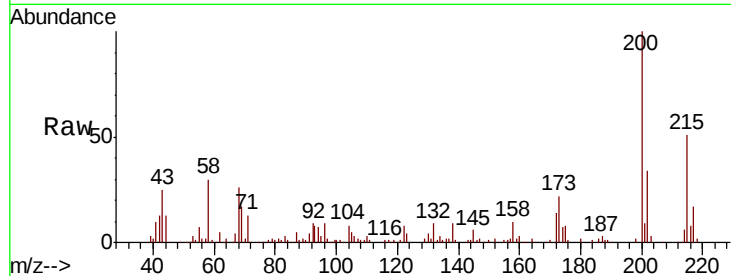
#69
Atrazine
Concen: Below Cal
RT: 16.90 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.5	4.0	44.0
215	50.7	33.4	73.4

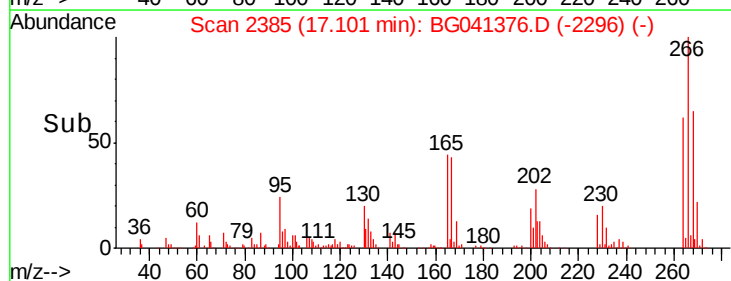
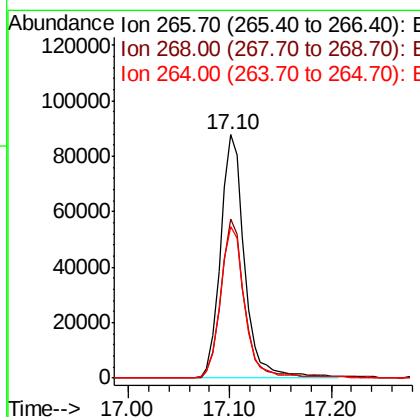
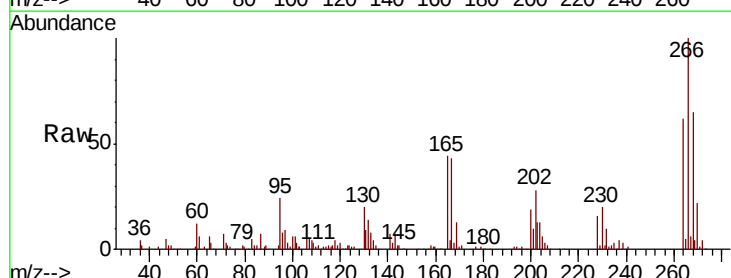
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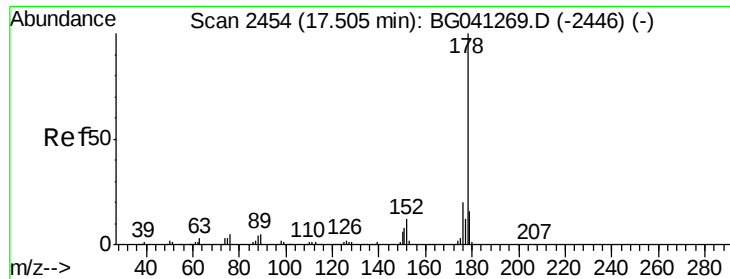
mohammad
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#70
Pentachlorophenol
Concen: 100.398 ng
RT: 17.10 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.1	52.0	78.0
264	62.0	51.2	76.8





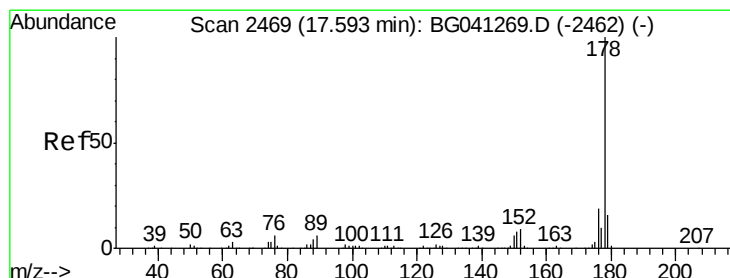
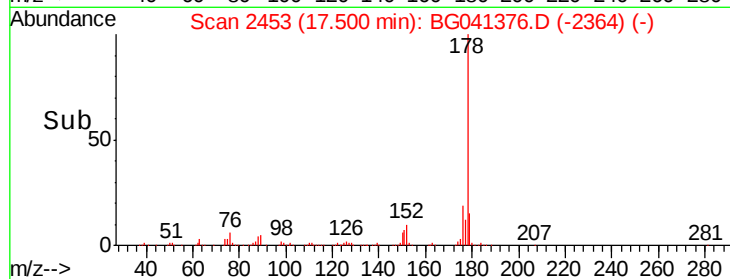
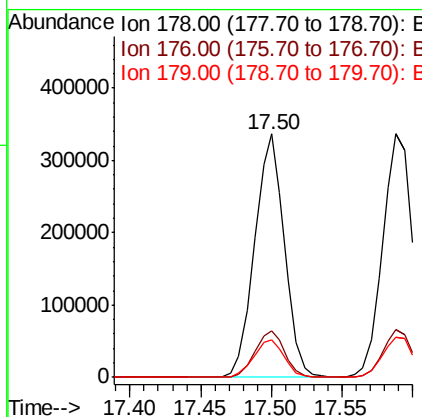
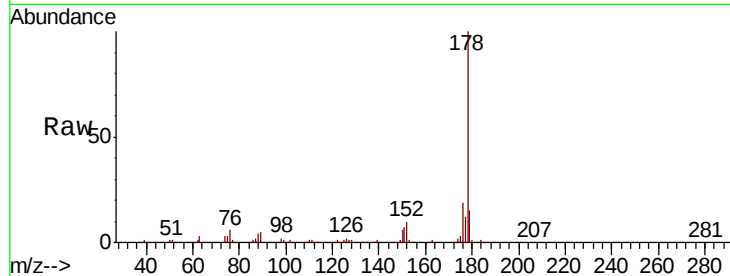
#71
Phenanthrene
Concen: 46.096 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.1	24.1
179	15.5	12.9	19.3

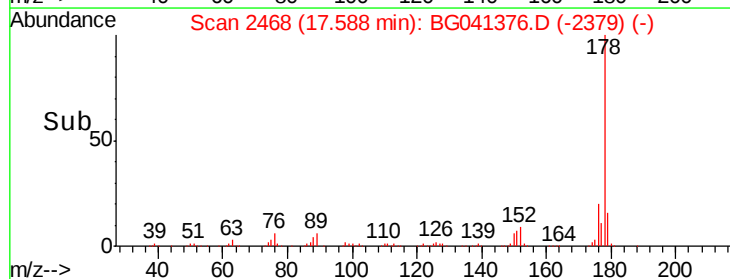
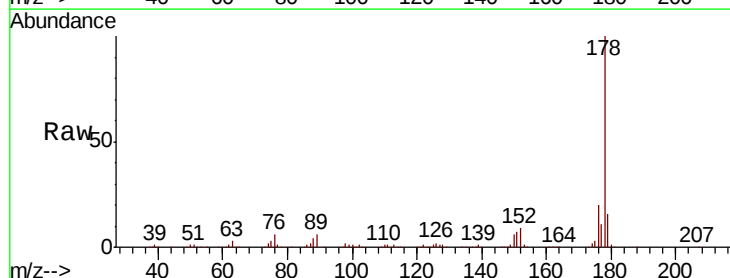
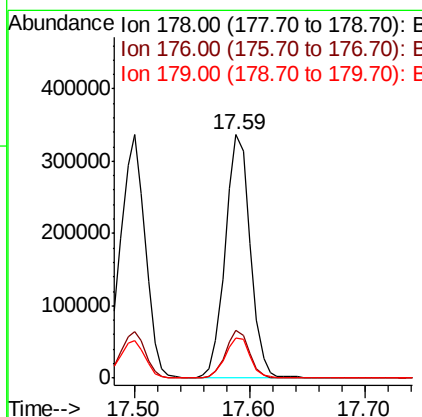
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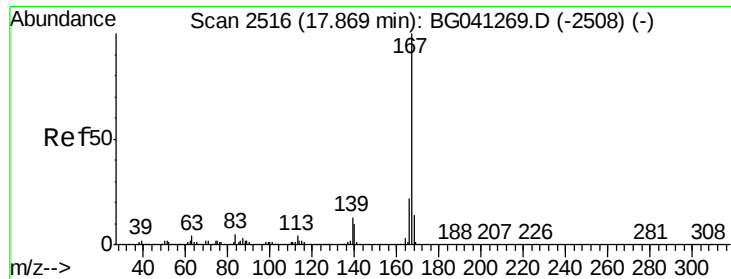
mohammad
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#72
Anthracene
Concen: 47.252 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.3	13.0	19.4





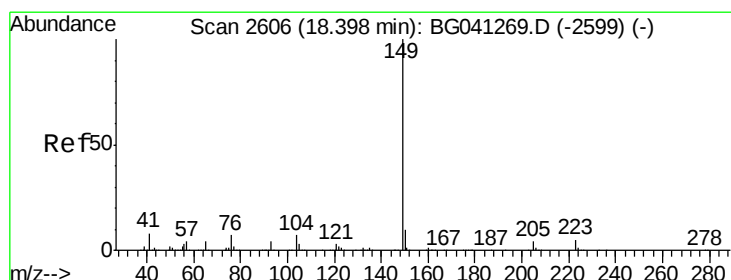
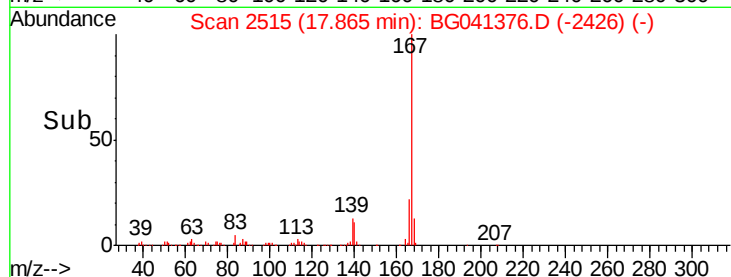
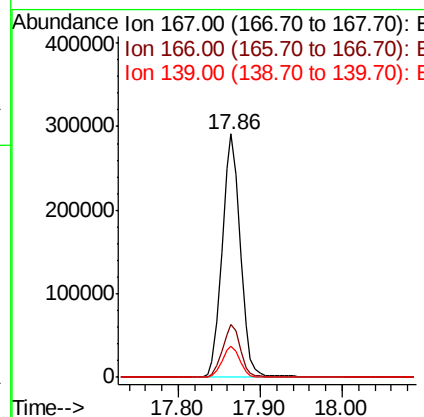
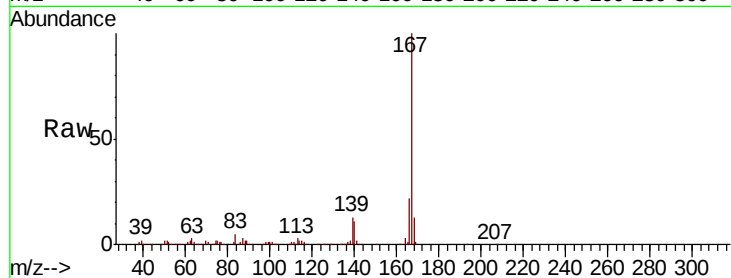
#73
 Carbazole
 Concen: 48.501 ng
 RT: 17.86 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	12.8	10.7	16.1

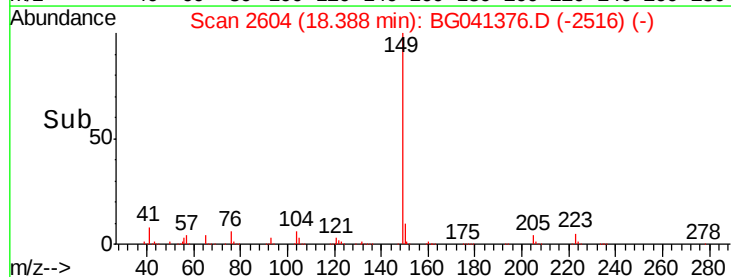
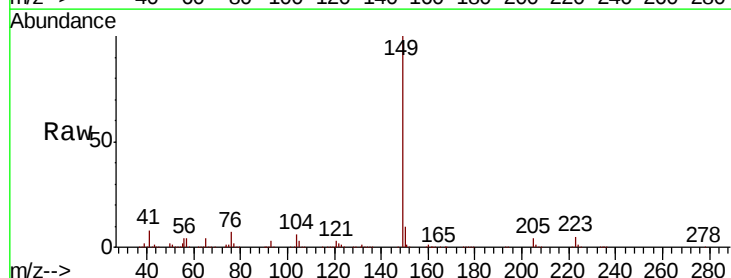
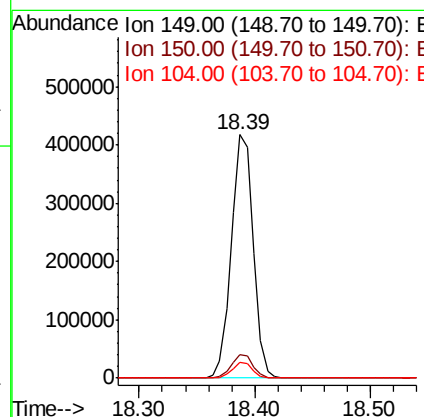
Manual Integrations
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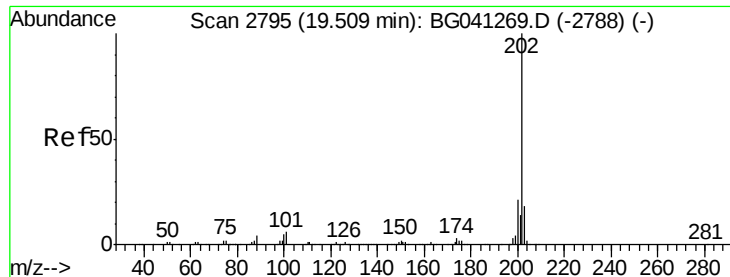
mohammad
 6/25/2019 3:20:19 PM



#74
 Di-n-butylphthalate
 Concen: 46.999 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	6.4	5.4	8.0





#75

Fluoranthene

Concen: 47.534 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

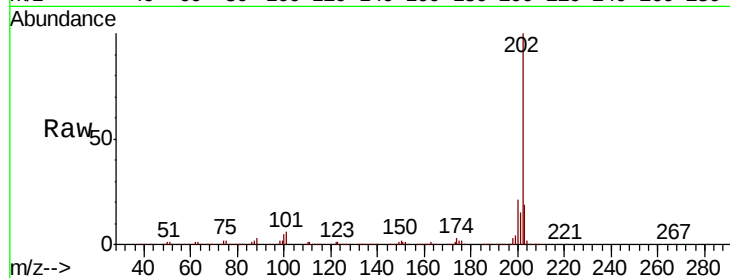
ClientSampleId :

PB120652BS

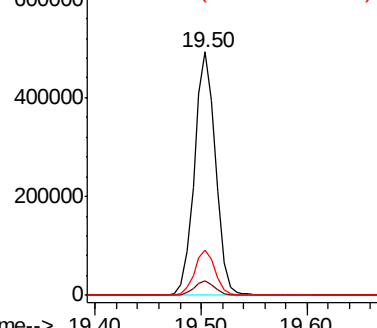
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		683009		
101	6.1	0.0	26.0		
203	18.8	0.0	37.7		

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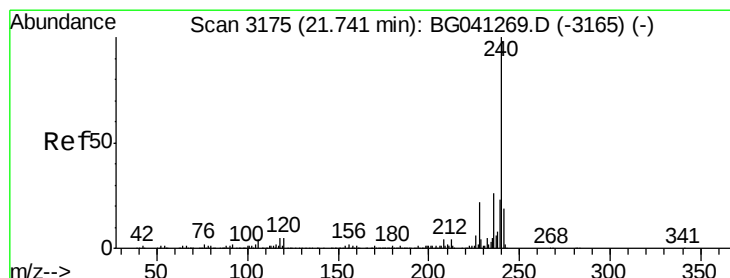
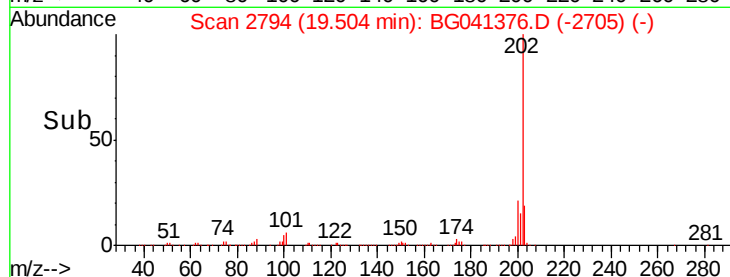
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

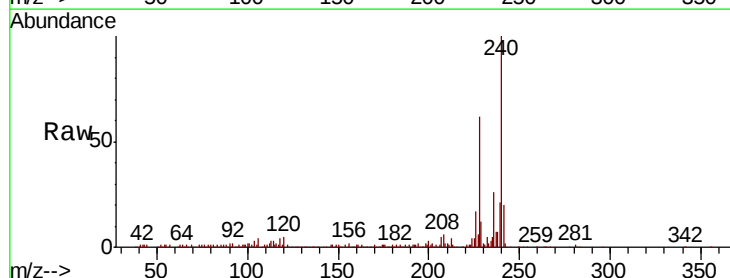
RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

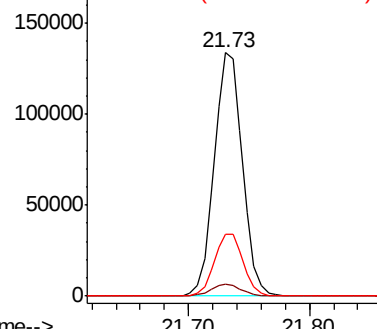
Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

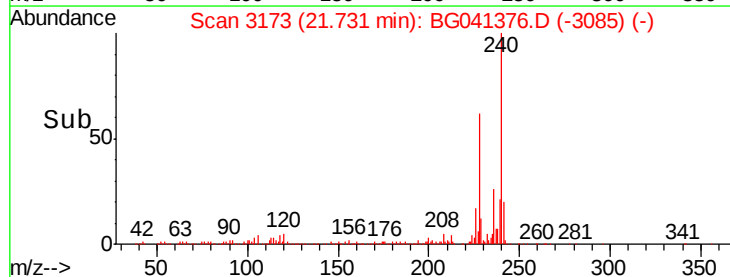
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		217681		
120	4.7	3.7	5.5		
236	25.6	21.1	31.7		

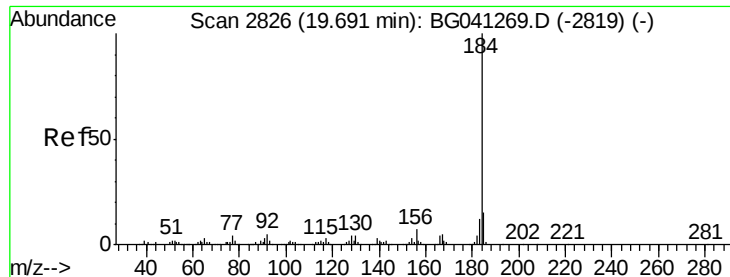


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 25.460 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

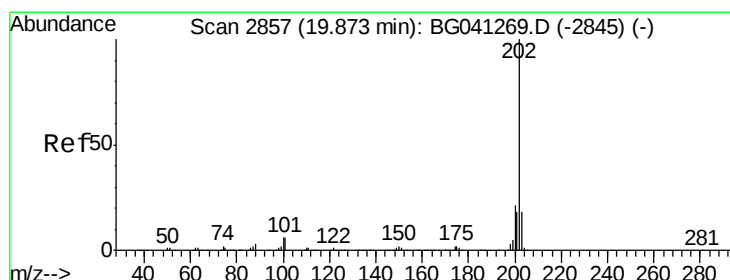
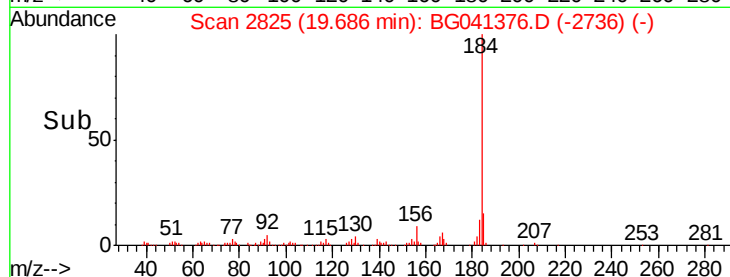
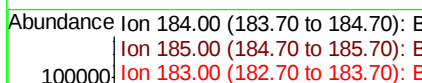
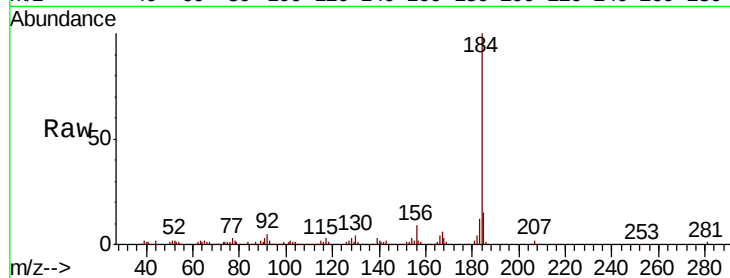
ClientSampled :

PB120652BS

Tot Ion:	184	Resp:	134050
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.2
183	12.2	9.6	14.4

Manual Integrations
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#78

Pyrene

Concen: 46.725 ng

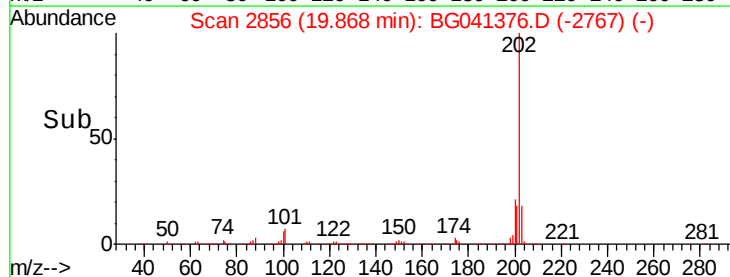
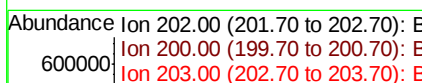
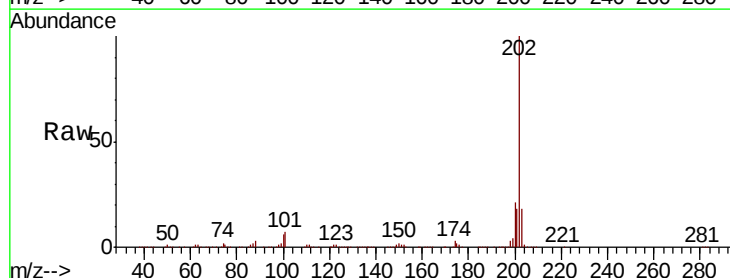
RT: 19.87 min Scan# 2856

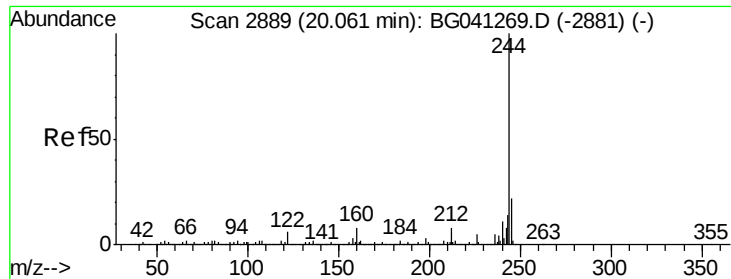
Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion:	202	Resp:	685951
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.8	25.2
203	18.5	14.6	21.8





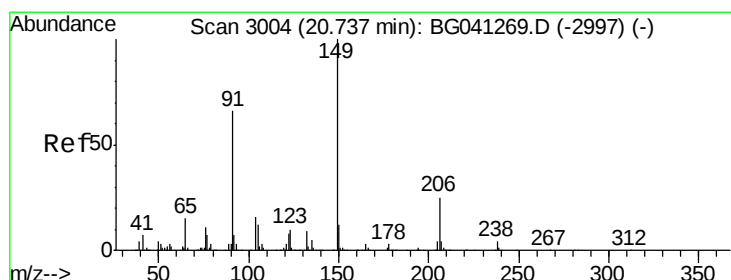
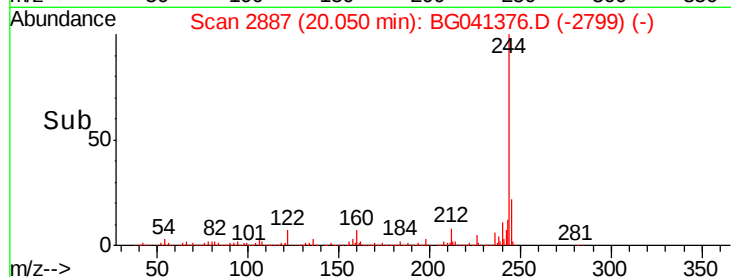
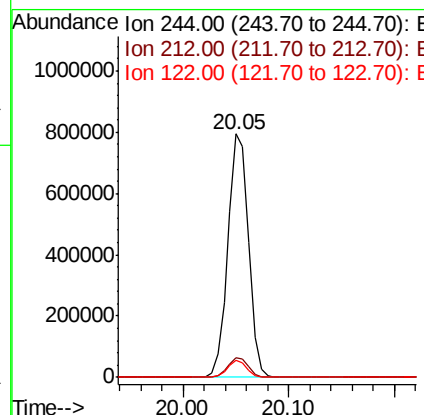
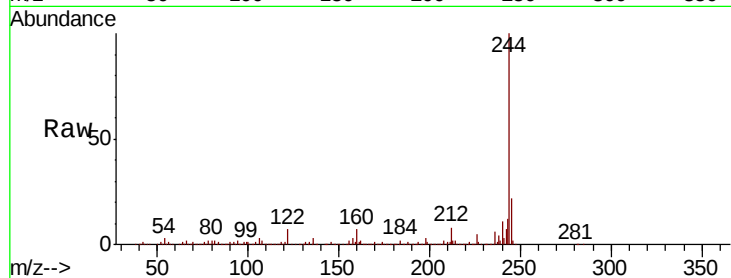
#79
 Terphenyl-d14
 Concen: 97.554 ng
 RT: 20.05 min Scan# 2887
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampleID :
 PB120652BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	10.0
122	6.8	5.0	7.4

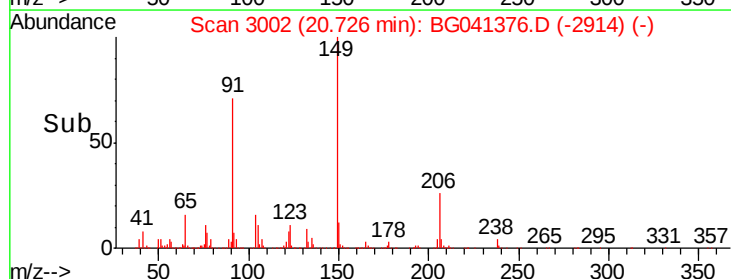
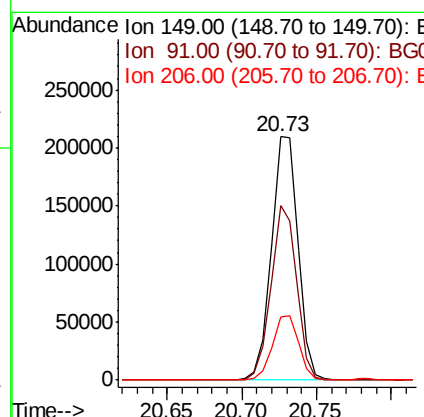
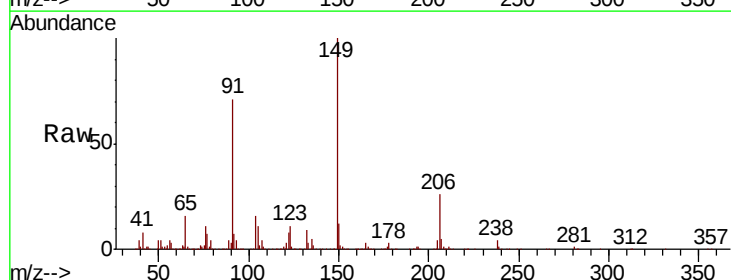
Manual Integrations
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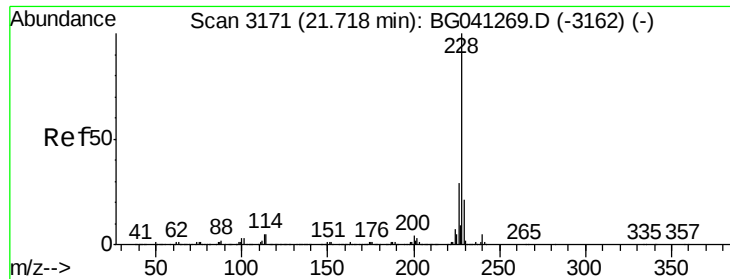
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#80
 Butylbenzylphthalate
 Concen: 46.526 ng
 RT: 20.73 min Scan# 3002
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	53.2	79.8
206	25.9	20.3	30.5





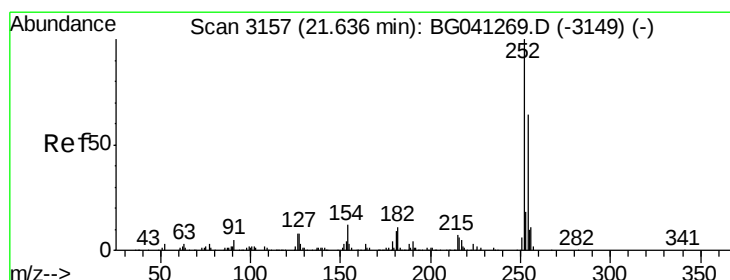
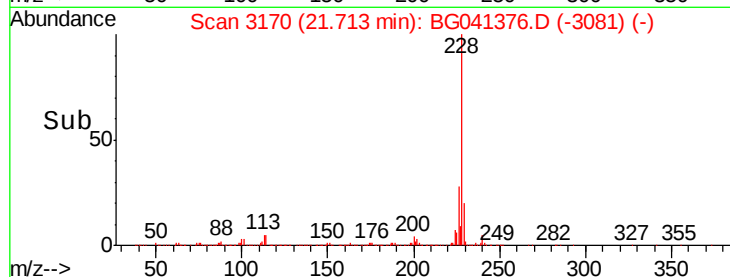
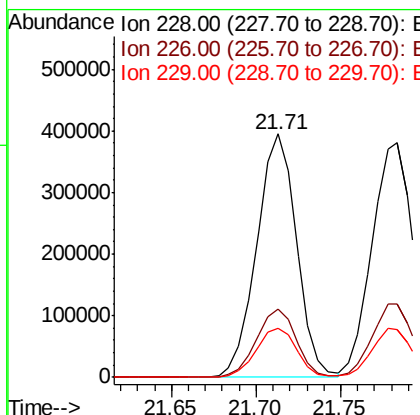
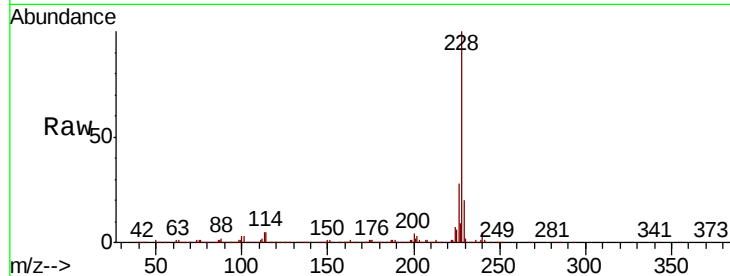
#81
Benzo(a)anthracene
Concen: 43.800 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.2	34.8
229	20.2	16.8	25.2

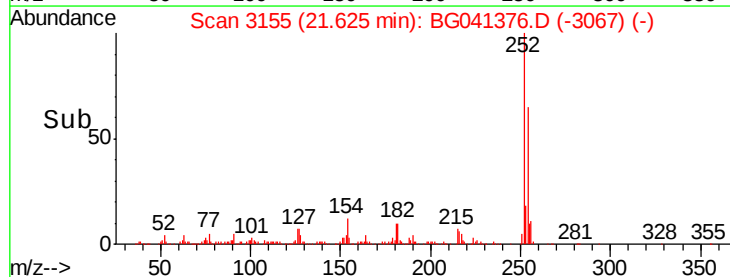
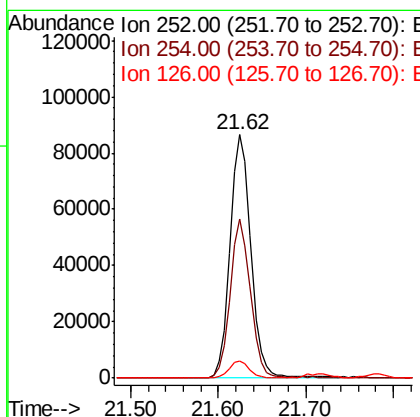
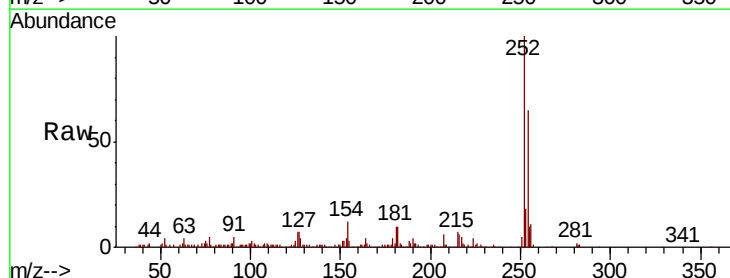
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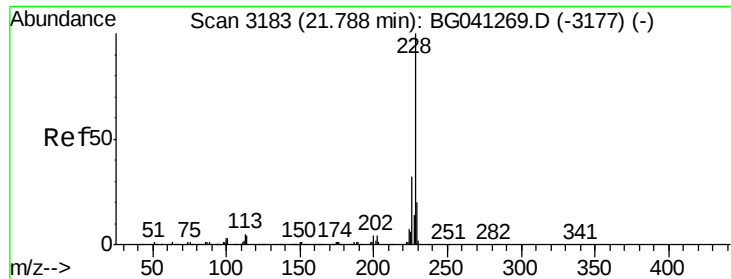
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#82
3,3'-Dichlorobenzidine
Concen: 27.311 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.0
126	7.1	6.0	9.0





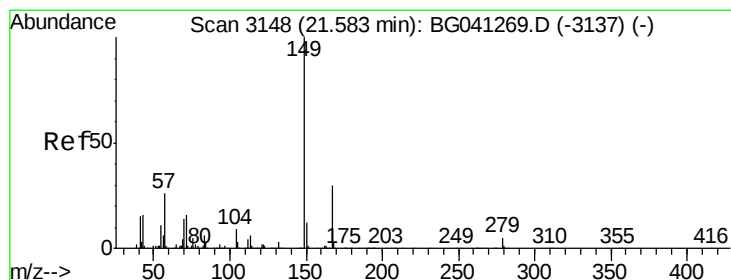
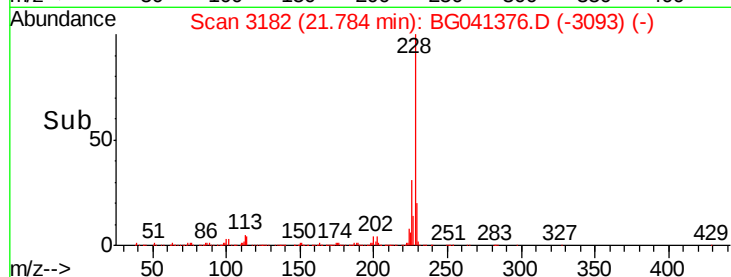
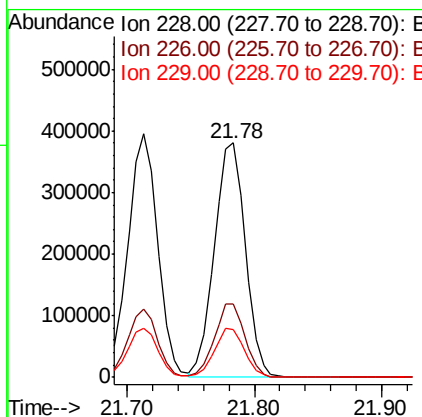
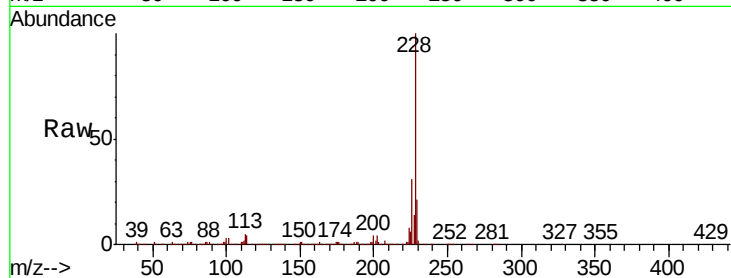
#83
 Chrvsene
 Concen: 45.585 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Tot Ion:	228	Resp:	646131
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.4	38.0
229	20.5	16.2	24.2

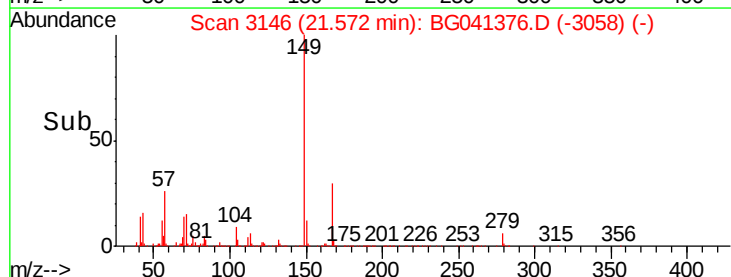
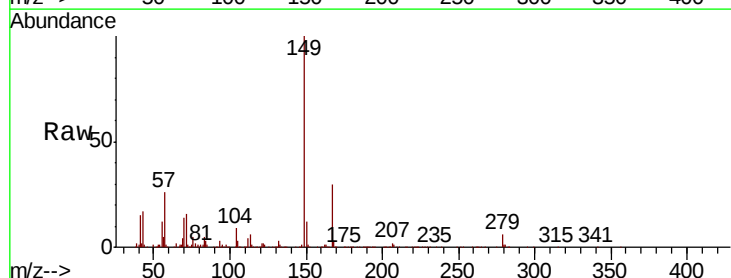
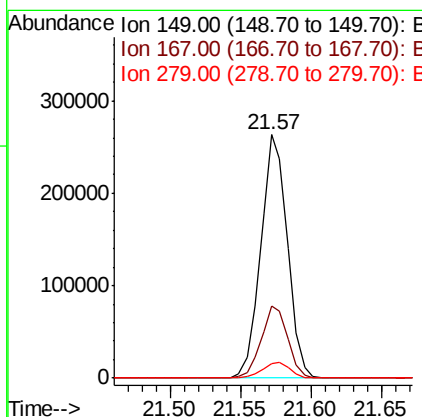
Manual Integrations
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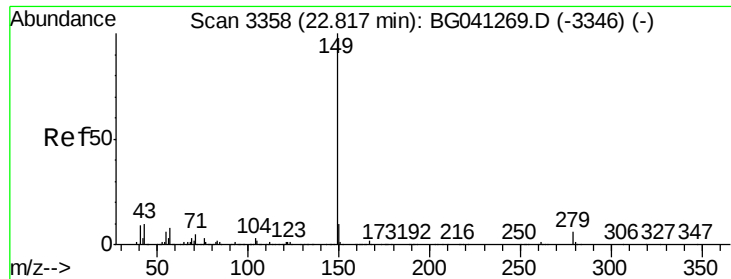
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.905 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG041376.D
 Acq: 21 Jun 2019 13:25

Tgt Ion:	149	Resp:	347382
Ion Ratio	Lower	Upper	
149	100		
167	29.8	23.8	35.8
279	6.1	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 46.484 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

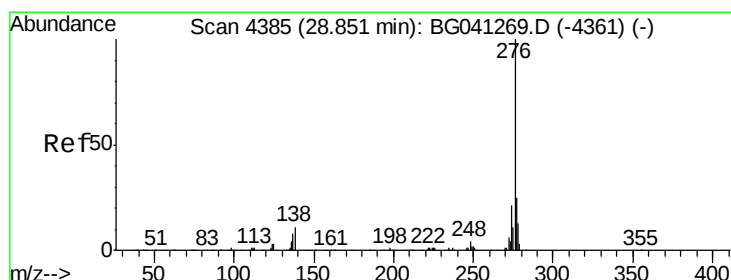
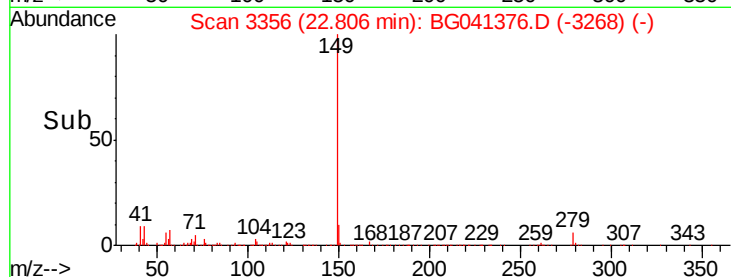
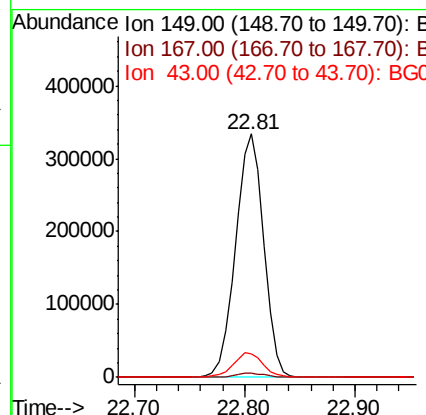
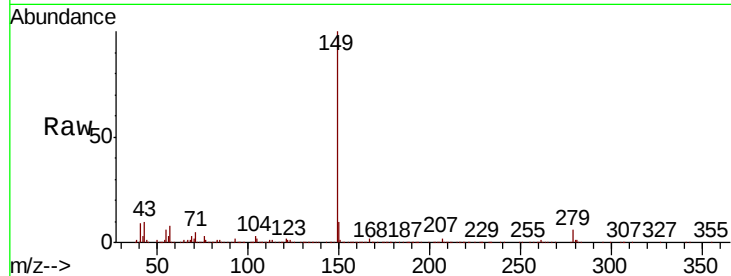
ClientSampleId :

PB120652BS

Tot Ion:	149	Resp:	595128
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	10.0	8.2	12.2

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.674 ng

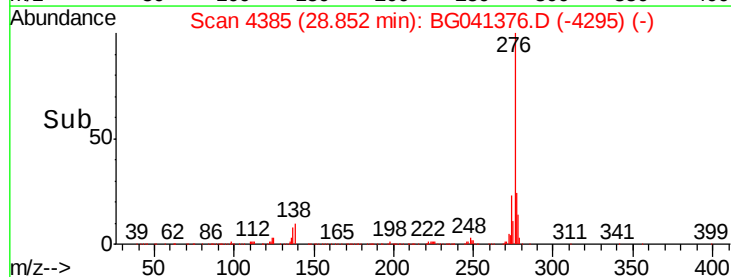
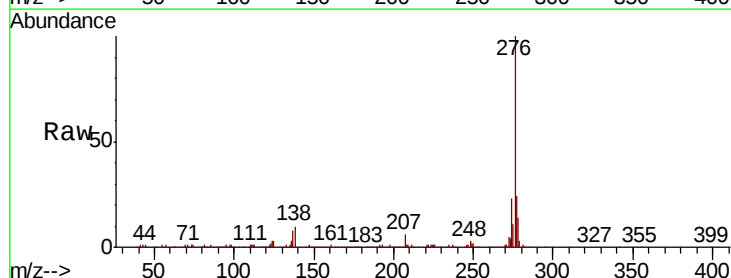
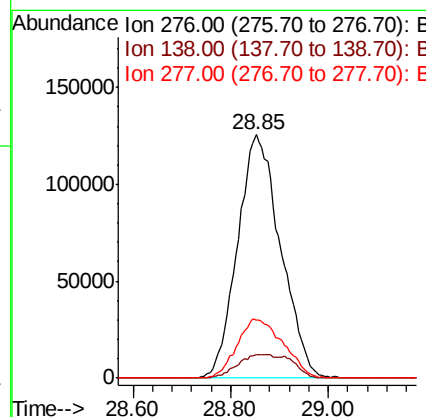
RT: 28.85 min Scan# 4385

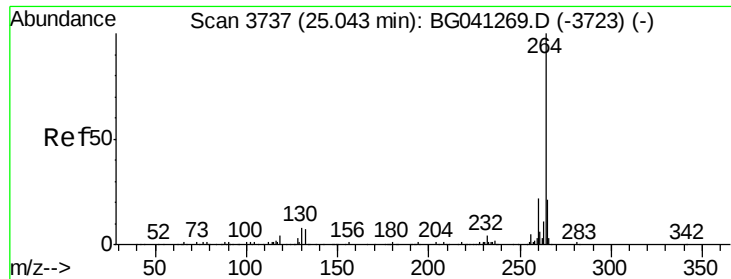
Delta R.T. 0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion:	276	Resp:	768091
Ion Ratio	Lower	Upper	
276	100		
138	9.2	7.7	11.5
277	26.2	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

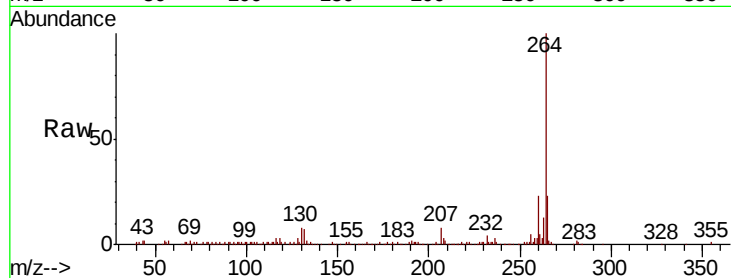
ClientSampleId :

PB120652BS

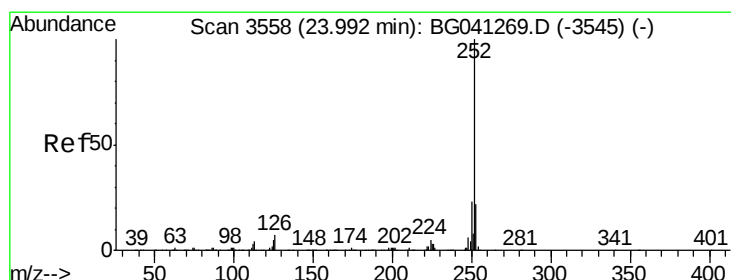
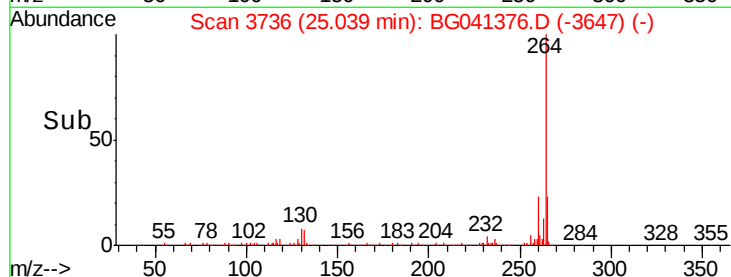
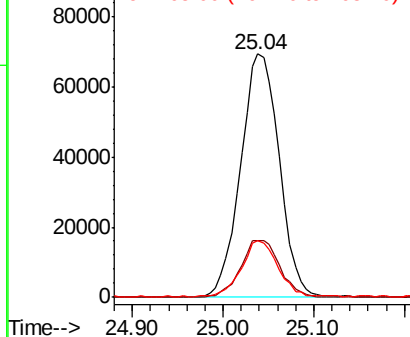
Tot Ion:	264	Resp:	205093
Ion Ratio	Lower	Upper	
264	100		
260	23.2	17.4	26.2
265	23.4	17.2	25.8

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.555 ng

RT: 23.98 min Scan# 3556

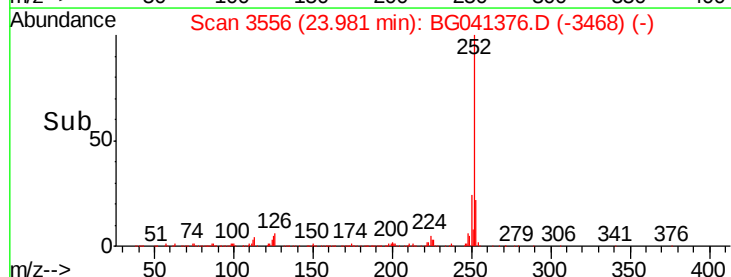
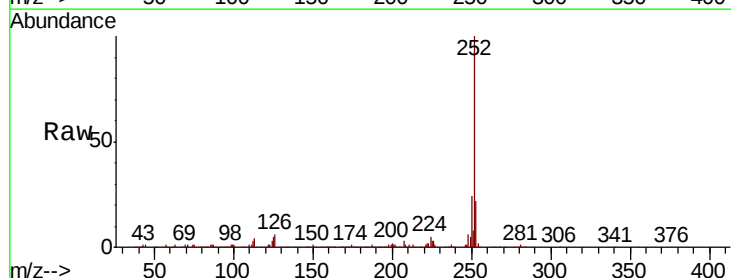
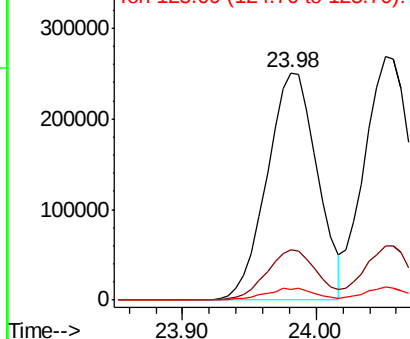
Delta R.T. -0.01 min

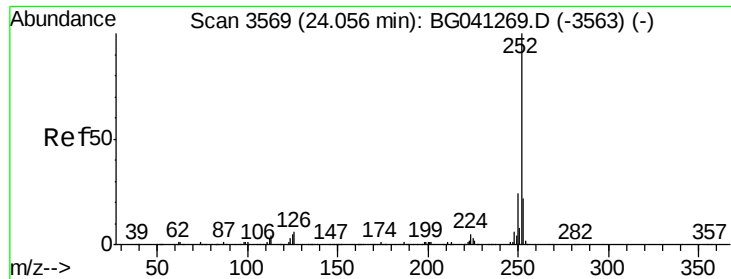
Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion:	252	Resp:	655277
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	4.9	3.9	5.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.696 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Instrument :

BNA_G

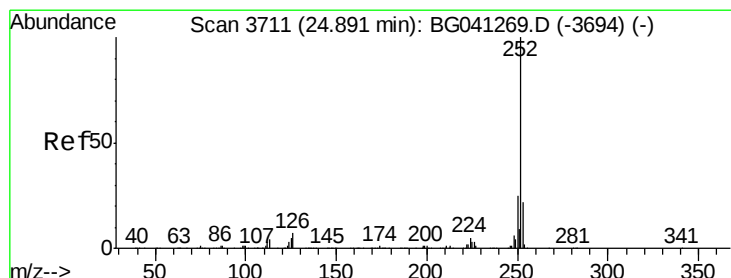
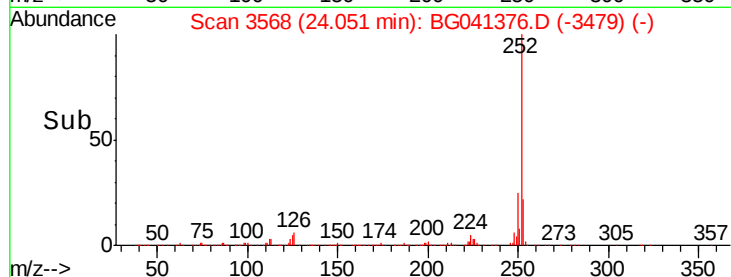
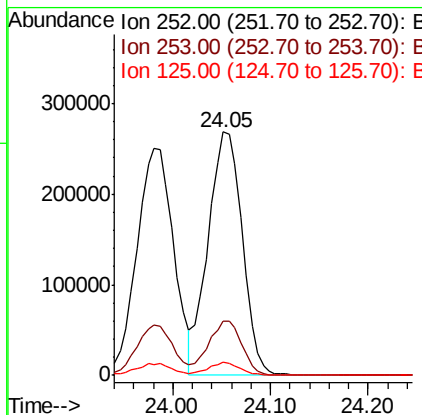
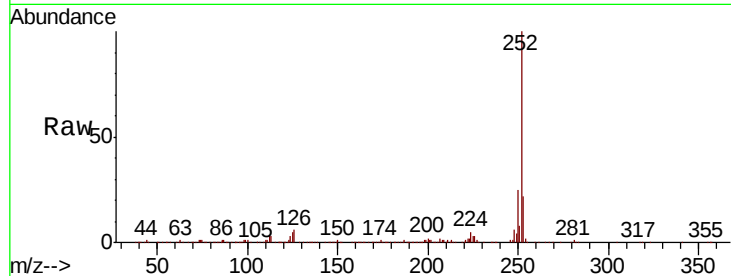
ClientSampleId :

PB120652BS

Tot Ion:	252	Resp:	650927
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	5.2	4.3	6.5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 52.948 ng

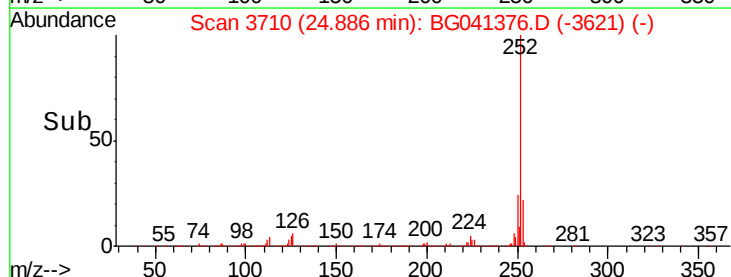
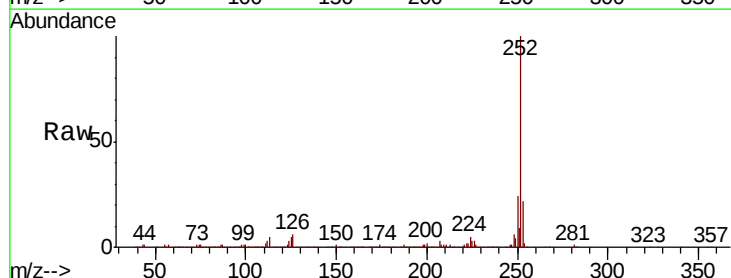
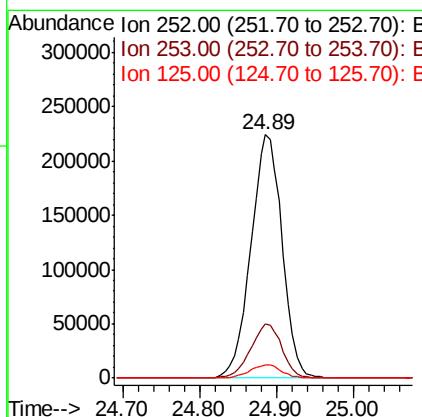
RT: 24.89 min Scan# 3710

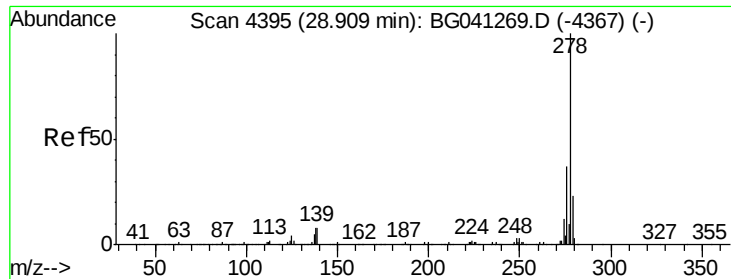
Delta R.T. -0.00 min

Lab File: BG041376.D

Acq: 21 Jun 2019 13:25

Tgt Ion:	252	Resp:	635575
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	5.3	4.2	6.4





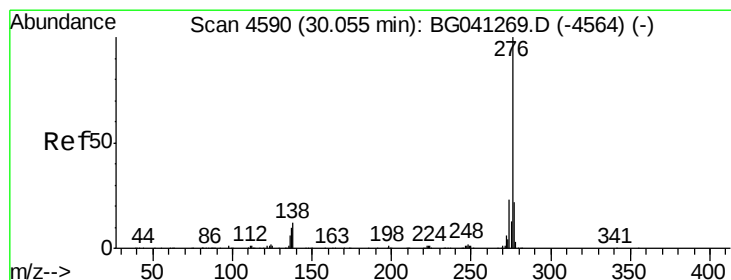
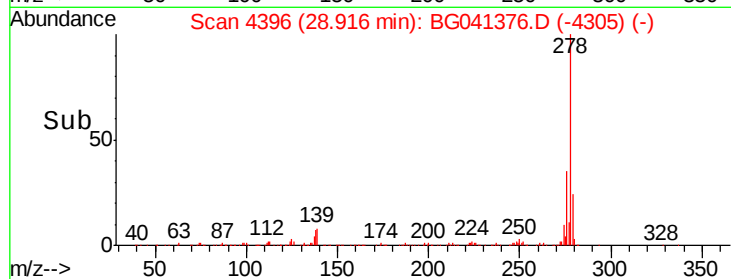
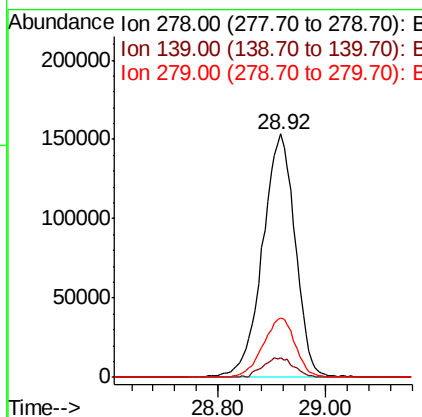
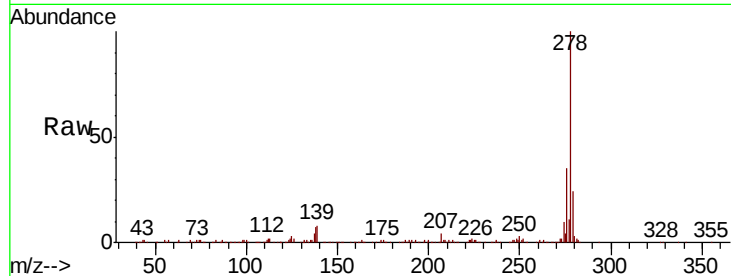
#91
Dibenzo(a,h)anthracene
Concen: 53.001 ng
RT: 28.92 min Scan# 4396
Delta R.T. 0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.6	10.0
279	24.4	18.5	27.7

Manual Integrations
APPROVED

mohammad
6/25/2019 3:20:19 PM



#92
Benzo(g,h,i)perylene
Concen: 53.195 ng
RT: 30.06 min Scan# 4591
Delta R.T. 0.01 min
Lab File: BG041376.D
Acq: 21 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	10.4	9.4	14.0

