

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
 Data File : BG041757.D
 Acq On : 23 Jul 2019 15:54
 Operator : HP/JU
 Sample : K3934-11MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMS

Manual Integrations
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mohammad
 7/24/2019 11:35:30 AM

Quant Time: Jul 24 03:16:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	100249	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	379280	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	264533	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	581416	20.00	ng	0.00
76) Chrysene-d12	21.65	240	610922	20.00	ng	-0.01
87) Perylene-d12	24.85	264	729299	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	721210	117.61	ng	0.00
7) Phenol-d6	7.20	99	969061	117.49	ng	0.00
23) Nitrobenzene-d5	9.20	82	586326	94.01	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	462006	154.97	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1285906	75.27	ng	-0.01
79) Terphenyl-d14	20.00	244	2077387	79.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	85043	29.199	ng	93
3) Pyridine	3.89	79	211178	27.163	ng	94
4) n-Nitrosodimethylamine	3.80	42	114155	31.795	ng	97
6) Aniline	7.36	93	237504	21.424	ng	96
8) 2-Chlorophenol	7.61	128	265545	38.250	ng	97
9) Benzaldehyde	7.17	77	171850	32.132	ng	96
10) Phenol	7.23	94	330221	37.999	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	238516	33.984	ng	96
12) 1,3-Dichlorobenzene	7.93	146	298796	36.070	ng	99
13) 1,4-Dichlorobenzene	8.08	146	302333	36.444	ng	98
14) 1,2-Dichlorobenzene	8.40	146	289007	36.951	ng	93
15) Benzyl Alcohol	8.27	79	229160	34.897	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	434638	29.886	ng	97
17) 2-Methylphenol	8.48	107	228843	38.078	ng	99
18) Hexachloroethane	9.13	117	106636	35.095	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	202863	33.649	ng	95
20) 3+4-Methylphenols	8.81	107	315025	38.251	ng	99
22) Acetophenone	8.86	105	383452	41.510	ng	# 97
24) Nitrobenzene	9.24	77	280622	41.248	ng	98
25) Isophorone	9.77	82	533886	39.094	ng	# 98
26) 2-Nitrophenol	9.96	139	152724	48.843	ng	97
27) 2,4-Dimethylphenol	10.01	122	256535	47.477	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	329474	39.144	ng	99
29) 2,4-Dichlorophenol	10.49	162	290190	47.105	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	318860	44.082	ng	99
31) Naphthalene	10.90	128	813379	43.560	ng	98
33) 4-Chloroaniline	11.00	127	203810	23.663	ng	98
34) Hexachlorobutadiene	11.19	225	201793	43.404	ng	99
35) Caprolactam	11.76	113	115610m	51.056	ng	
36) 4-Chloro-3-methylphenol	12.11	107	281233	43.576	ng	98
37) 2-Methylnaphthalene	12.50	142	613930	43.034	ng	100
38) 1-Methylnaphthalene	12.72	142	576086	42.357	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	383376	42.309	ng	98
41) Hexachlorocyclopentadiene	12.85	237	386144	75.334	ng	98

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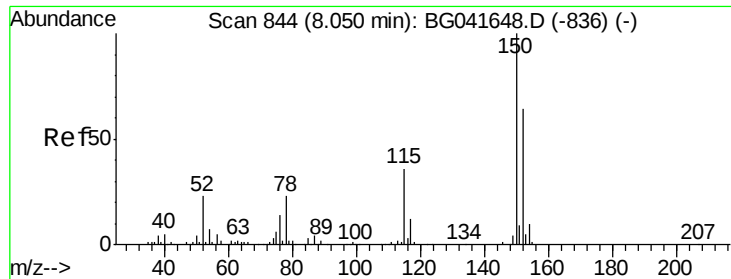
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.09	196	266259	45.223	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	287258	46.308	ng	97
46) 1,1'-Biphenyl	13.50	154	765181	38.610	ng	98
47) 2-Chloronaphthalene	13.54	162	628961	38.080	ng	99
48) 2-Nitroaniline	13.74	65	186300	38.740	ng	92
49) Acenaphthylene	14.39	152	978452	37.947	ng	99
50) Dimethylphthalate	14.12	163	991640	47.730	ng	99
51) 2,6-Dinitrotoluene	14.23	165	192321	43.641	ng	92
52) Acenaphthene	14.73	154	601018	36.988	ng	98
53) 3-Nitroaniline	14.55	138	141397	29.393	ng	# 94
54) 2,4-Dinitrophenol	14.76	184	40143	24.012	ng	94
55) Dibenzofuran	15.06	168	969949	39.779	ng	97
56) 4-Nitrophenol	14.86	139	352577	90.525	ng	95
57) 2,4-Dinitrotoluene	15.01	165	263609	45.252	ng	# 96
58) Fluorene	15.70	166	778118	39.219	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	280101	48.910	ng	# 95
60) Diethylphthalate	15.47	149	782795	37.400	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	457890	40.828	ng	98
62) 4-Nitroaniline	15.72	138	205271	40.233	ng	99
63) Azobenzene	15.99	77	657763	34.761	ng	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	113986	42.230	ng	89
66) n-Nitrosodiphenylamine	15.91	169	746304	43.710	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	310382	44.865	ng	98
68) Hexachlorobenzene	16.71	284	315760	45.326	ng	94
69) Atrazine	16.86	200	294717	47.565	ng	99
70) Pentachlorophenol	17.05	266	418243	96.018	ng	99
71) Phenanthrene	17.44	178	1270037	43.375	ng	97
72) Anthracene	17.53	178	1312061	44.954	ng	97
73) Carbazole	17.80	167	1181078	43.633	ng	97
74) Di-n-butylphthalate	18.36	149	1326199	40.170	ng	97
75) Fluoranthene	19.45	202	1558716	43.354	ng	94
77) Benzidine	19.61	184	621090	26.383	ng	98
78) Pyrene	19.80	202	1583817	38.332	ng	96
80) Butylbenzylphthalate	20.69	149	641763	37.378	ng	93
81) Benzo(a)anthracene	21.63	228	1592880	40.355	ng	96
82) 3,3'-Dichlorobenzidine	21.54	252	443771	28.570	ng	95
83) Chrysene	21.70	228	1549206	41.074	ng	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	924022	38.116	ng	98
85) Di-n-octyl phthalate	22.75	149	1584151	38.372	ng	94
86) Indeno(1,2,3-cd)pyrene	28.49	276	2066587	41.526	ng	95
88) Benzo(b)fluoranthene	23.84	252	1771652	40.049	ng	96
89) Benzo(k)fluoranthene	23.90	252	1718900	41.934	ng	# 96
90) Benzo(a)pyrene	24.69	252	1756390	41.964	ng	98
91) Dibenzo(a,h)anthracene	28.55	278	1690836	41.665	ng	# 96
92) Benzo(g,h,i)perylene	29.63	276	1722705	42.360	ng	# 93

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



#1

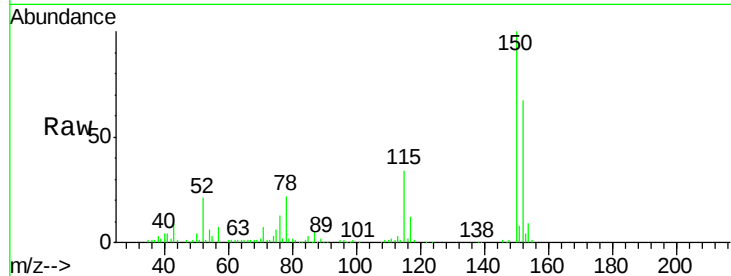
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

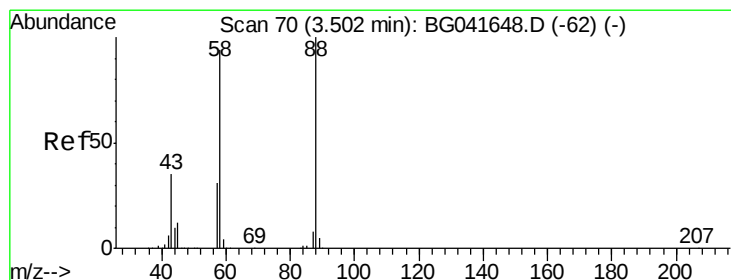
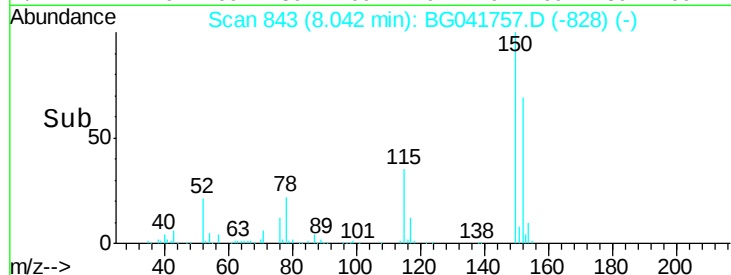
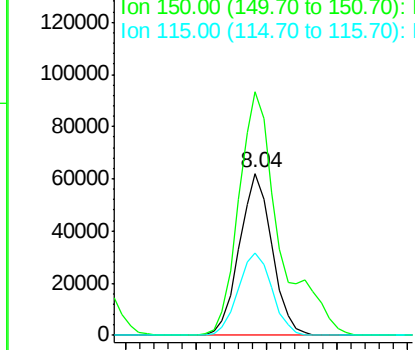
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	126.9	190.3
115	50.5	45.0	67.6

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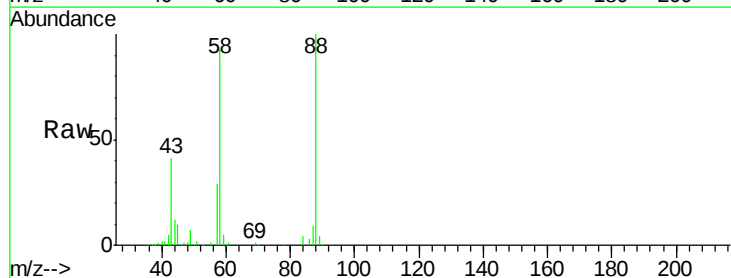
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



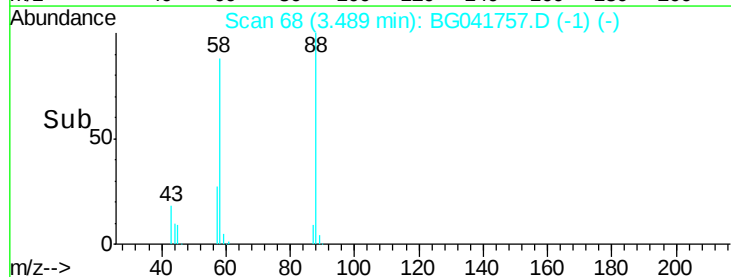
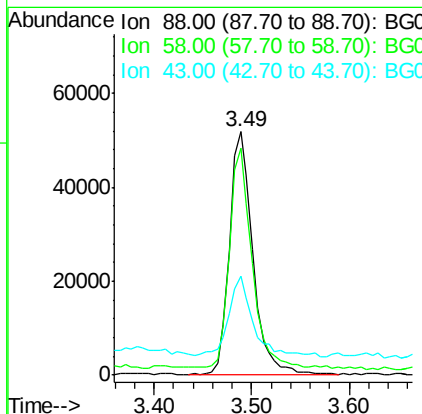
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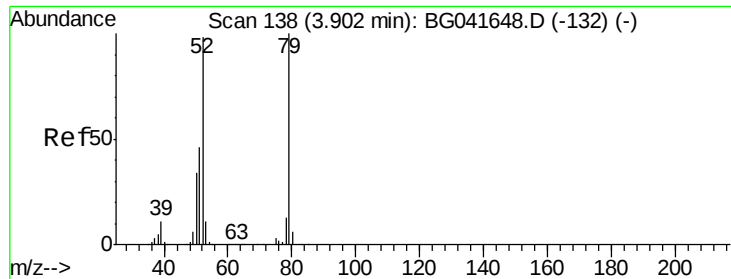
1,4-Dioxane
Concen: 29.199 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	76.2	114.2
43	35.0	27.2	40.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.163 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

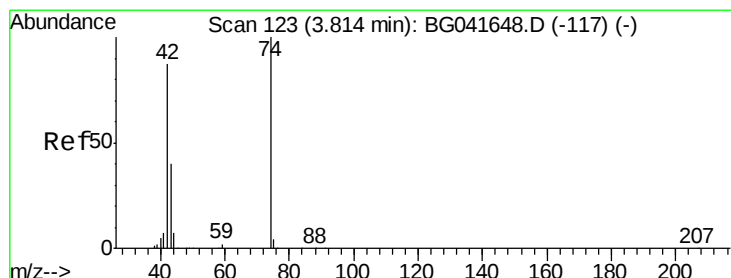
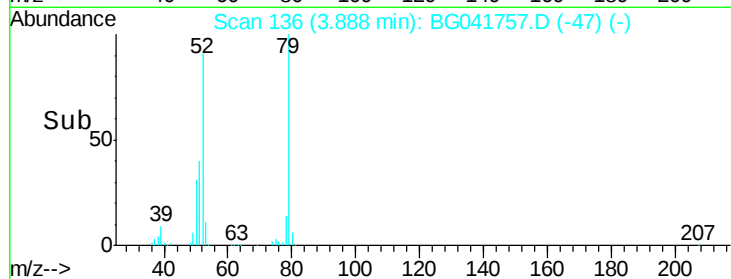
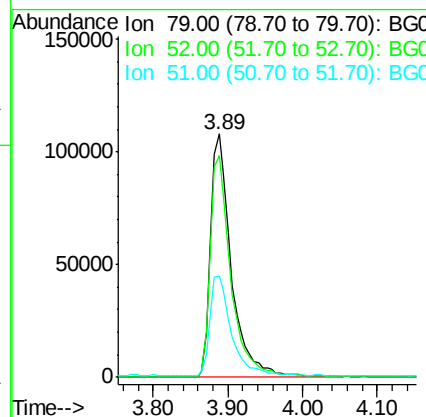
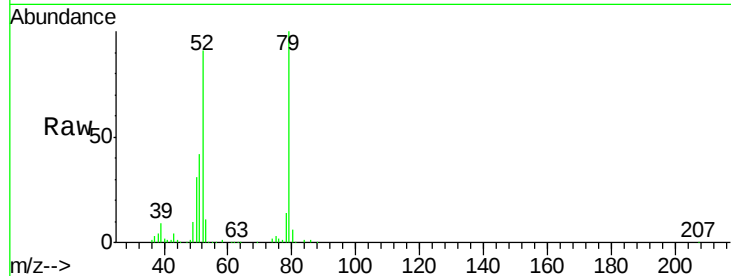
ClientSampled :

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Tot Ion:	79	Resp:	211178
Ion	Ratio	Lower	Upper
79	100		
52	90.9	77.1	115.7
51	41.8	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 31.795 ng

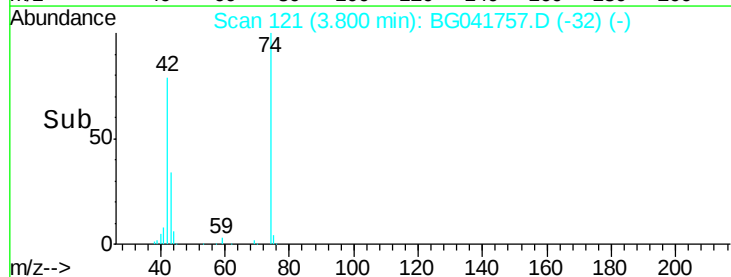
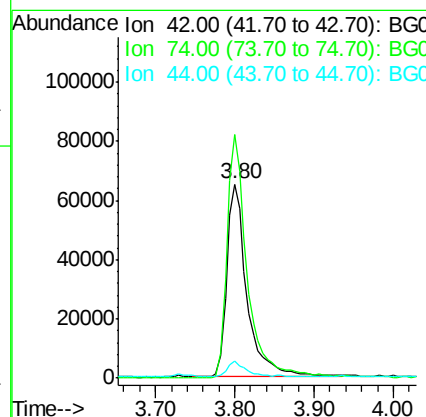
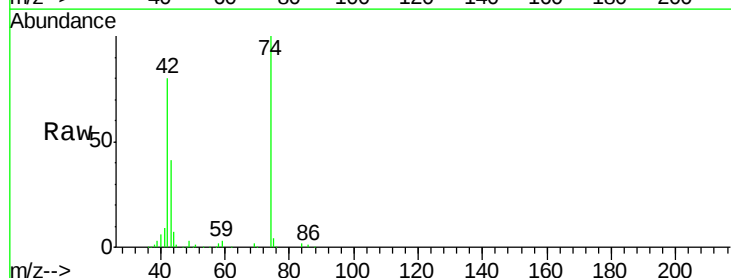
RT: 3.80 min Scan# 121

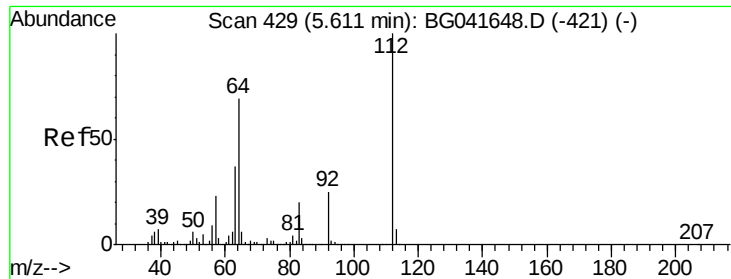
Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion:	42	Resp:	114155
Ion	Ratio	Lower	Upper
42	100		
74	125.5	97.4	146.2
44	8.8	6.6	9.8





#5

2-Fluorophenol

Concen: 117.607 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

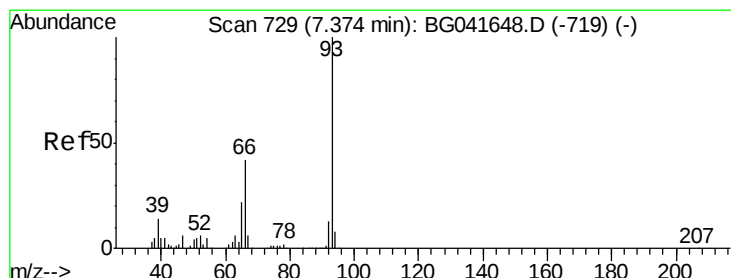
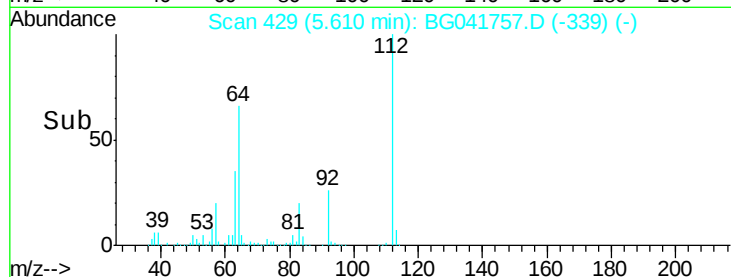
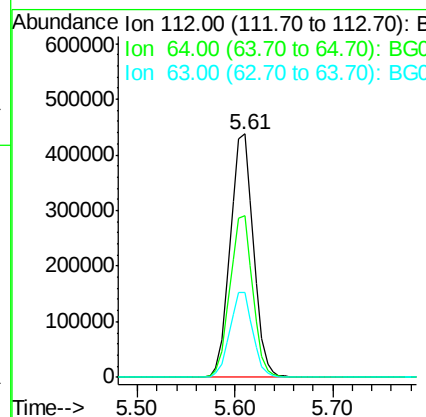
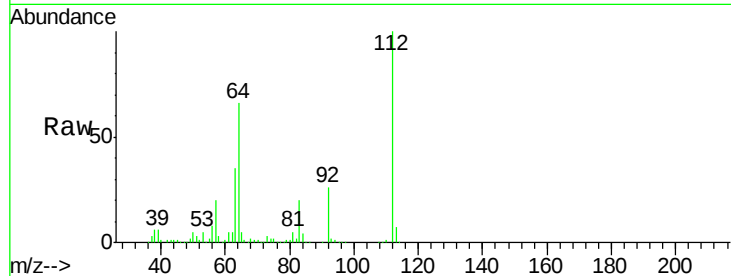
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	721210		
64	66.2		55.4	83.2
63	35.0		29.1	43.7

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#6

Aniline

Concen: 21.424 ng

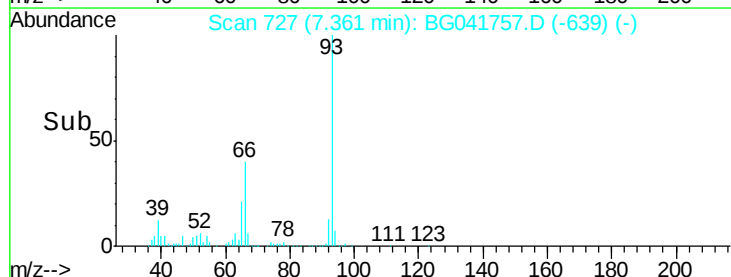
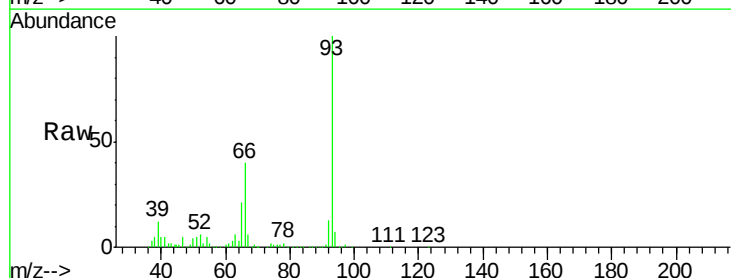
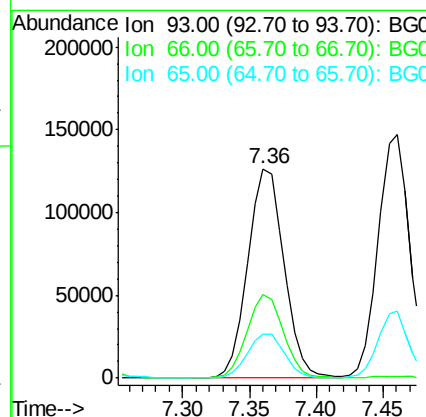
RT: 7.36 min Scan# 727

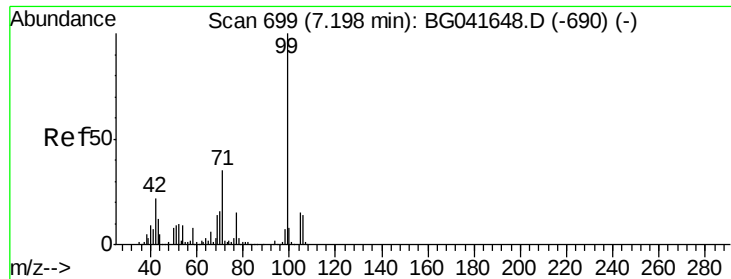
Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	237504		
66	40.1		34.2	51.2
65	21.2		18.2	27.2





#7

Phenol-d6

Concen: 117.486 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

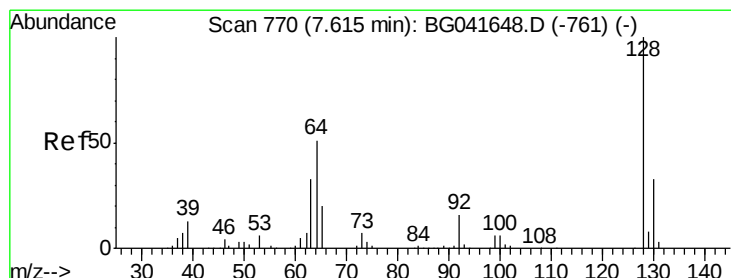
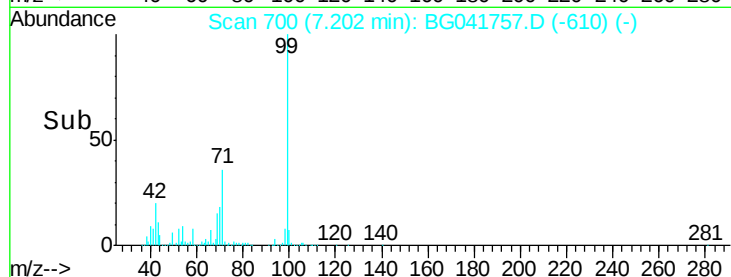
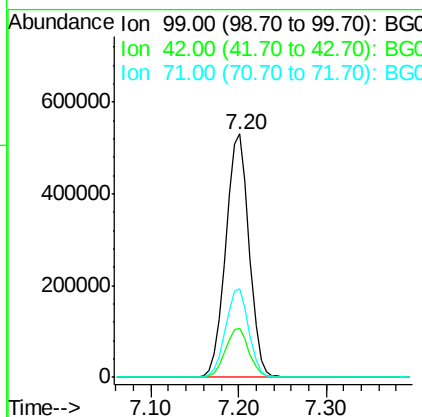
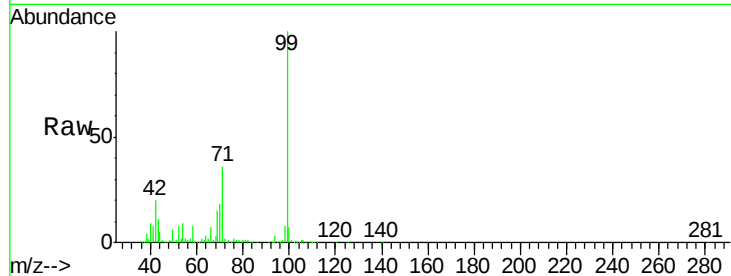
ClientSampleId :

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Tot Ion:	99	Resp:	969061
Ion Ratio	Lower	Upper	
99	100		
42	20.1	17.6	26.4
71	36.5	27.8	41.6

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#8

2-Chlorophenol

Concen: 38.250 ng

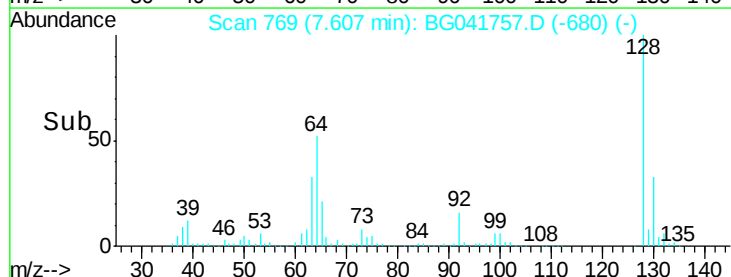
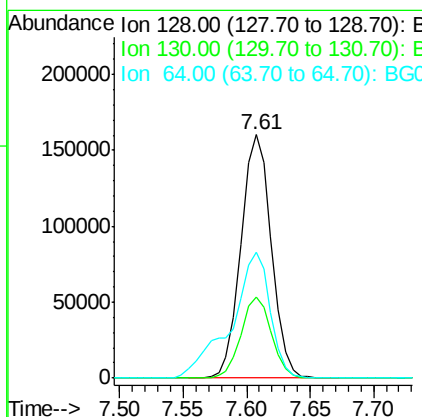
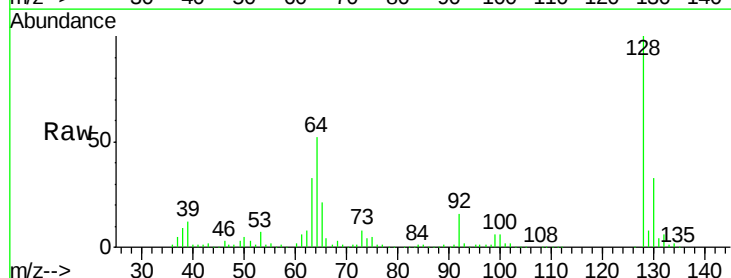
RT: 7.61 min Scan# 769

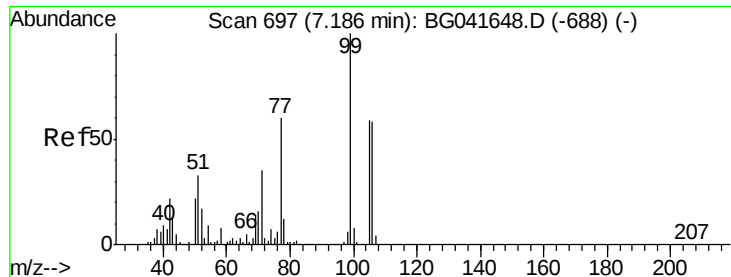
Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion:	128	Resp:	265545
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.4	52.4
64	51.8	34.9	74.9





#9

Benzaldehyde

Concen: 32.132 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

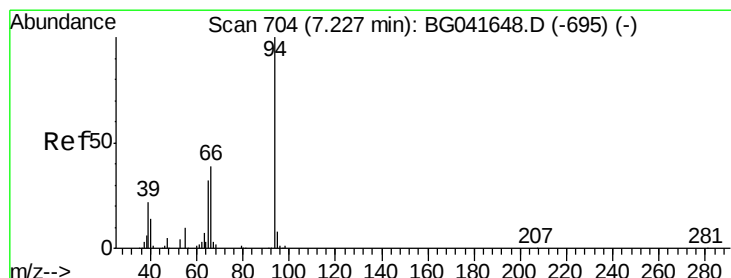
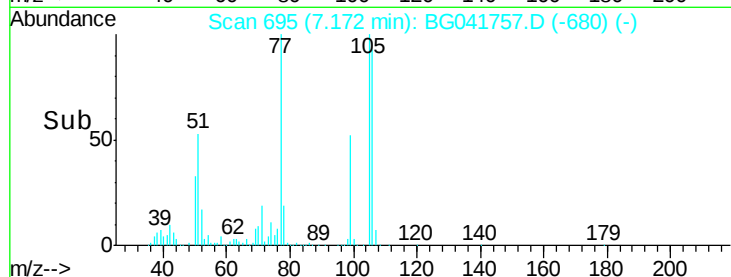
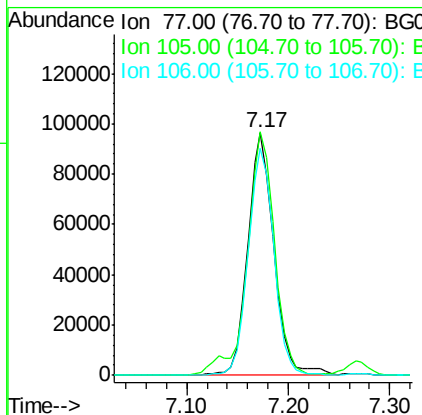
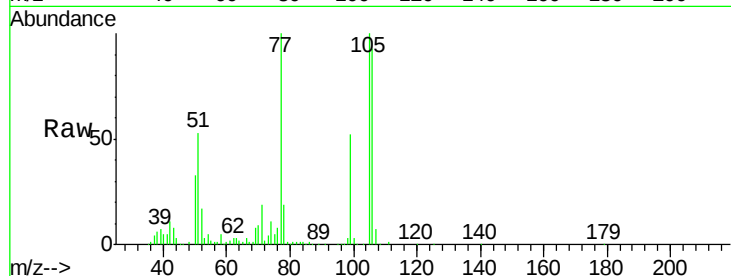
ClientSampled :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.5	74.6	114.6		
106	93.5	71.1	111.1		

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#10

Phenol

Concen: 37.999 ng

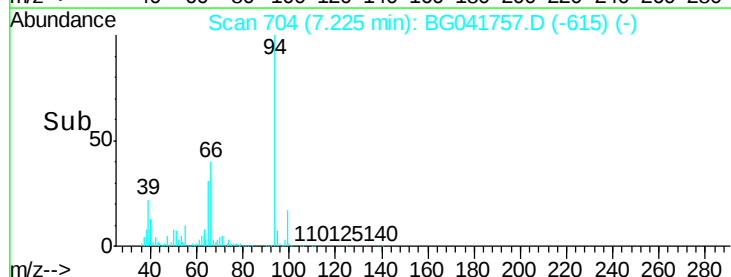
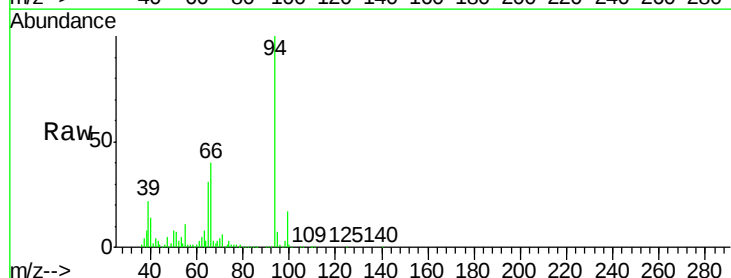
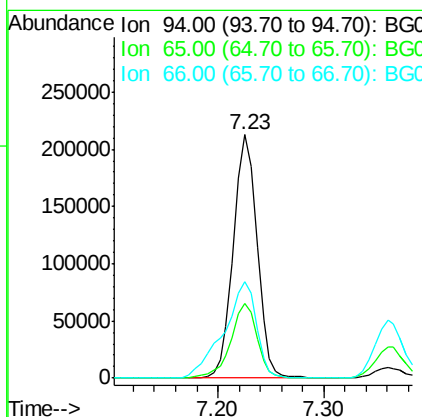
RT: 7.23 min Scan# 704

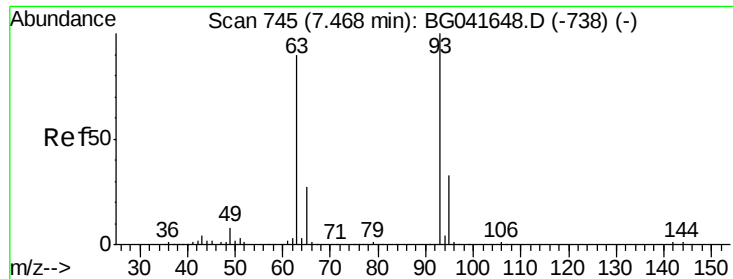
Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.9	10.6	50.6		
66	39.8	18.2	58.2		





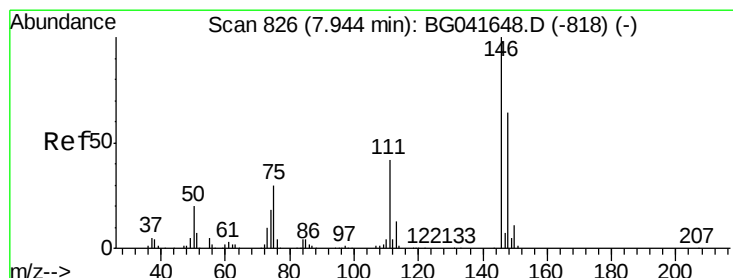
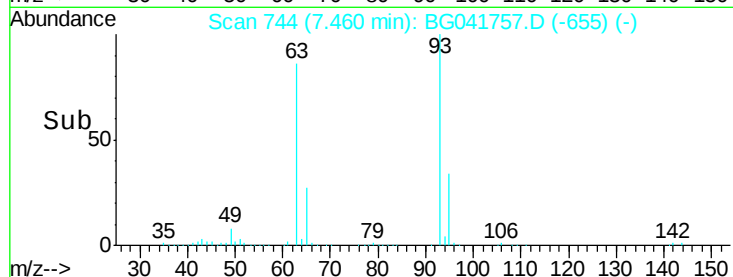
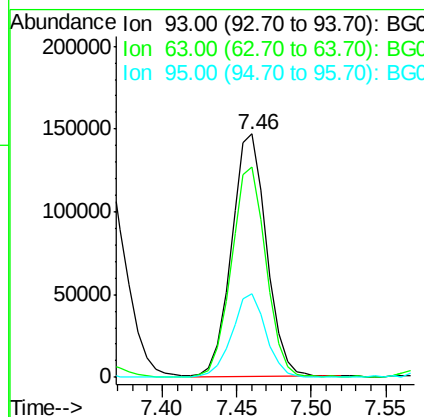
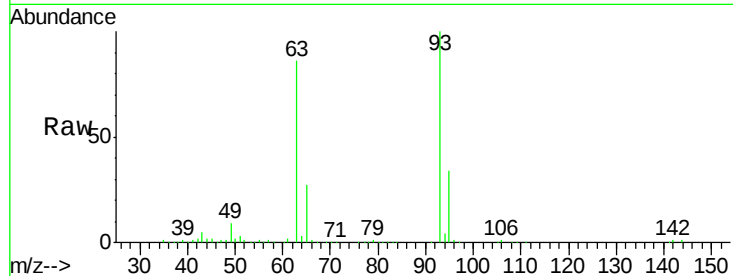
#11
bis(2-Chloroethyl)ether
Concen: 33.984 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.3	70.4	110.4
95	34.2	12.8	52.8

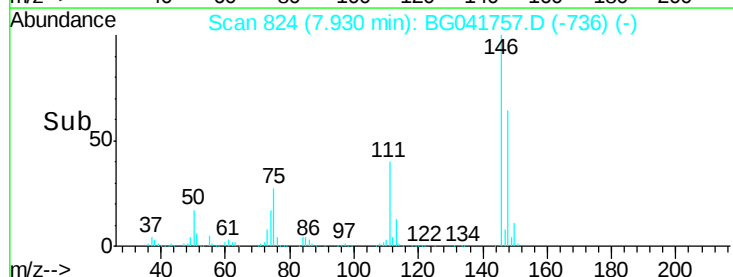
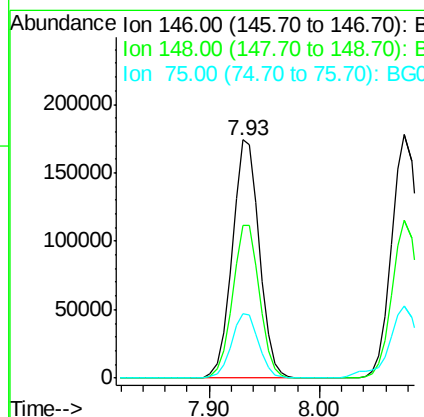
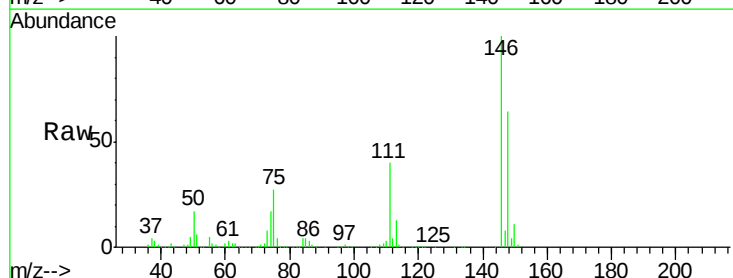
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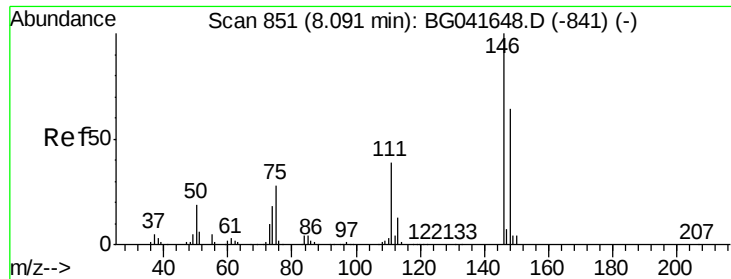
mohammad
7/24/2019 11:35:30 AM



#12
1,3-Dichlorobenzene
Concen: 36.070 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
75	27.2	23.2	34.8





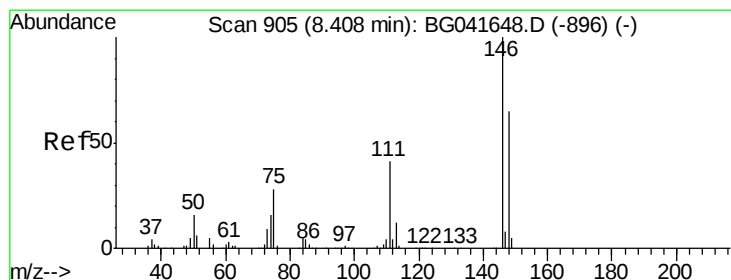
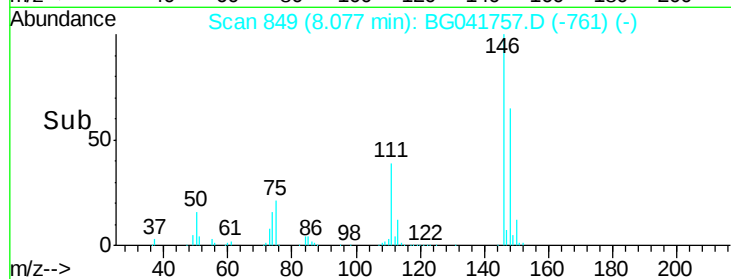
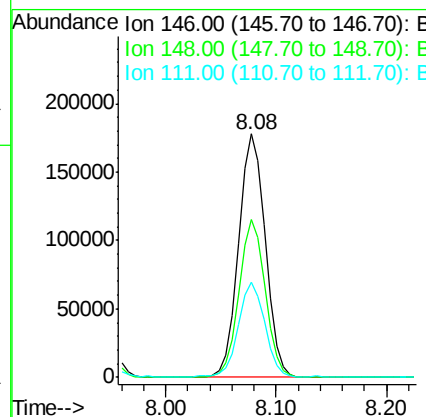
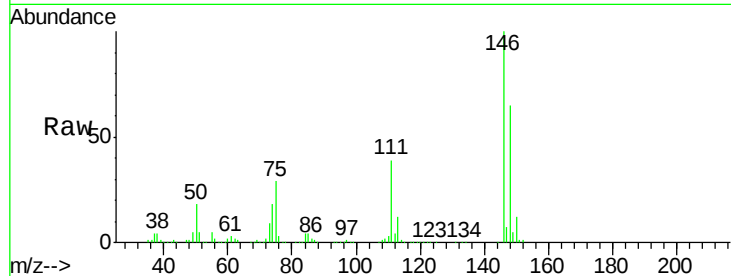
#13
 1,4-Dichlorobenzene
 Concen: 36.444 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.6	79.0
111	38.9	32.5	48.7

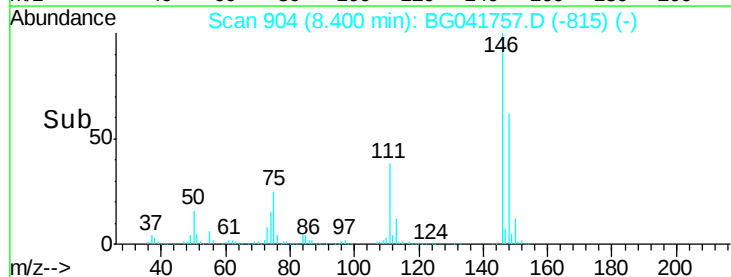
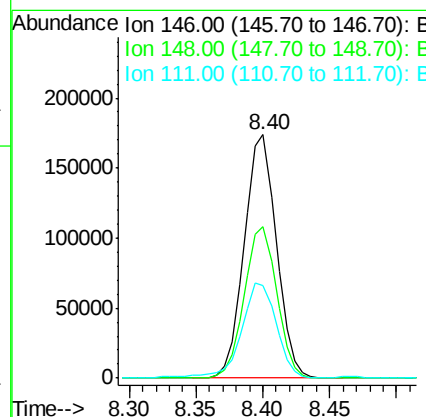
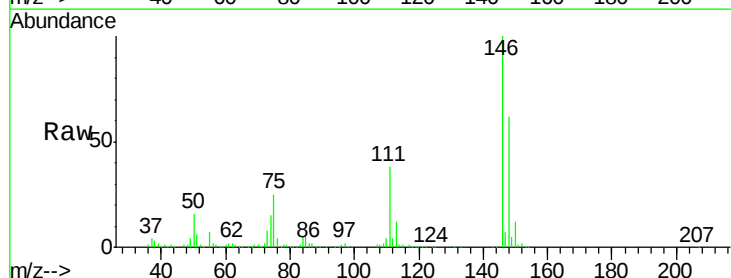
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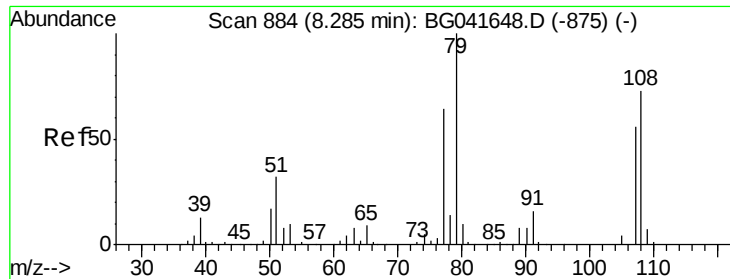
mohammad
 7/24/2019 11:35:30 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.951 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.5	80.3
111	38.3	35.4	53.0





#15

Benzyl Alcohol

Concen: 34.897 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

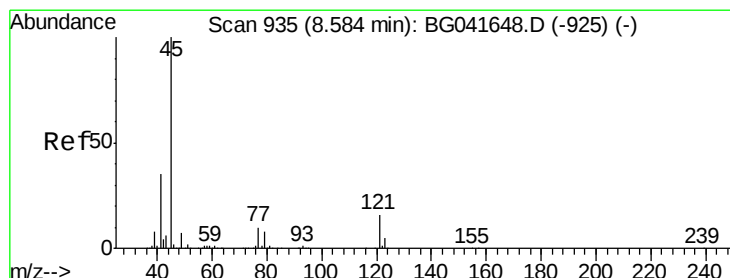
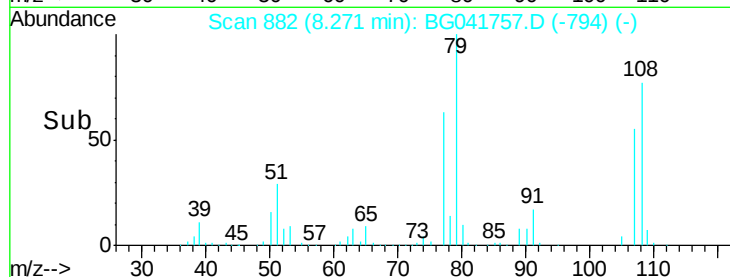
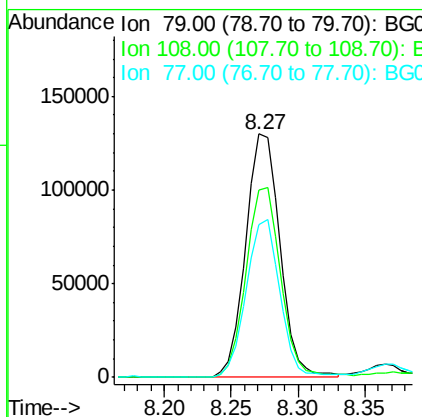
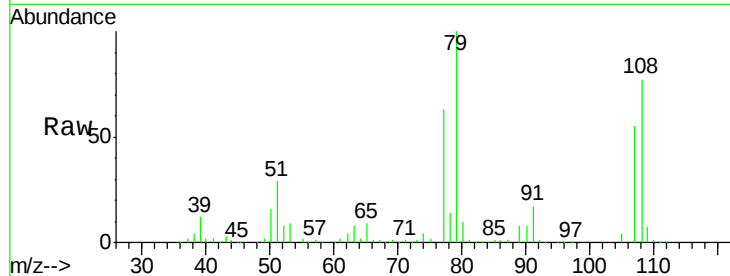
ClientSampleId :

TP-1SMS

Tot Ion:	79	Resp:	229160
Ion Ratio	Lower	Upper	
79	100		
108	76.8	60.5	90.7
77	62.7	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.886 ng

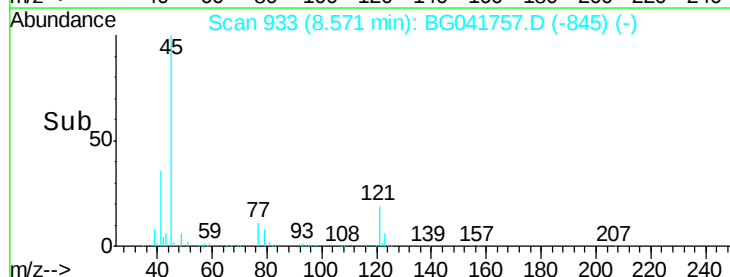
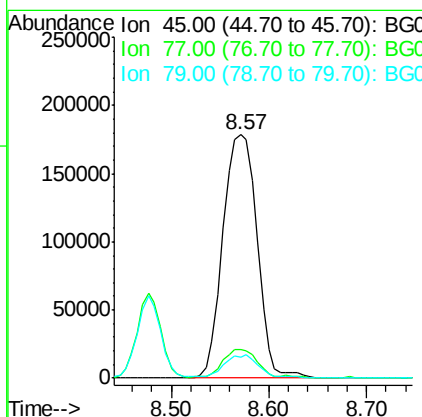
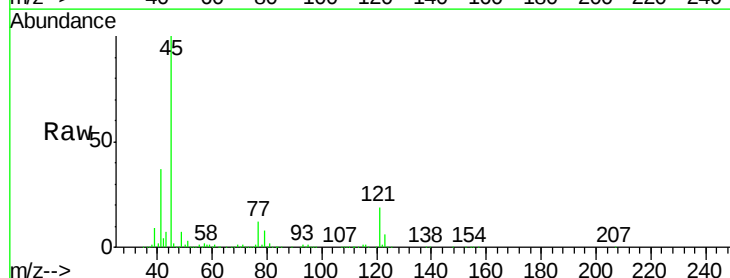
RT: 8.57 min Scan# 933

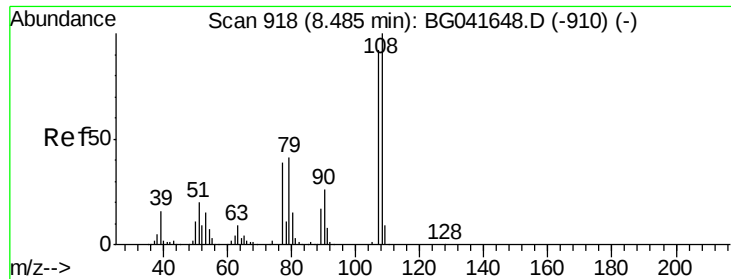
Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion:	45	Resp:	434638
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	30.4
79	8.5	0.0	27.9





#17

2-Methylphenol

Concen: 38.078 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

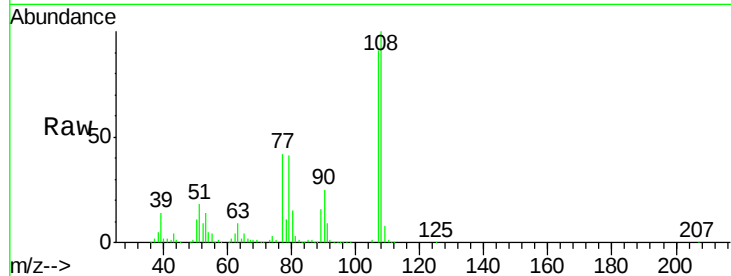
ClientSampleId :

TP-1SMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	87.6	131.4	
77	46.1	36.1	54.1	
79	44.3	36.4	54.6	

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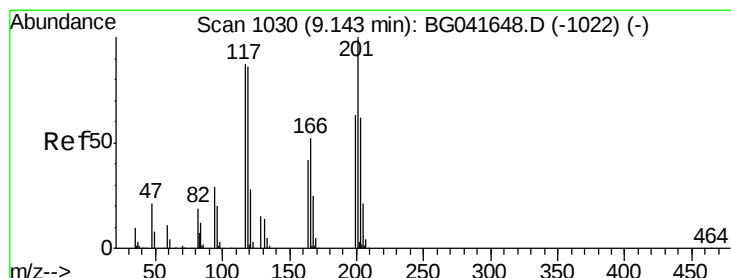
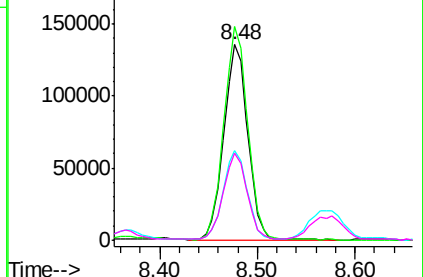
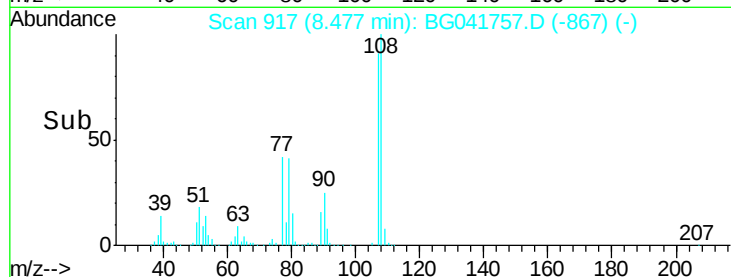


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 35.095 ng

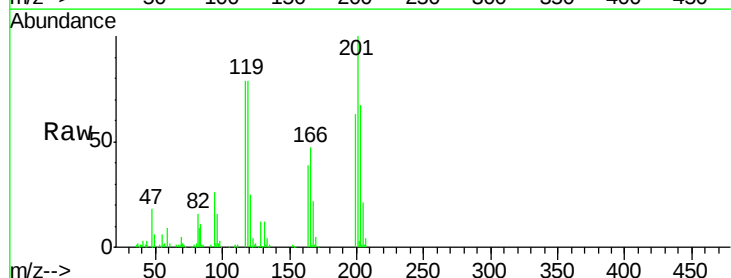
RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

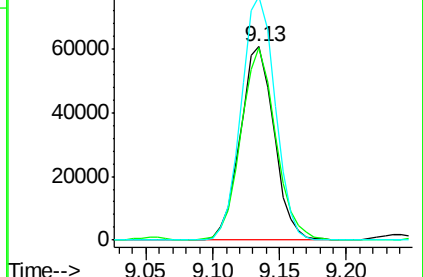
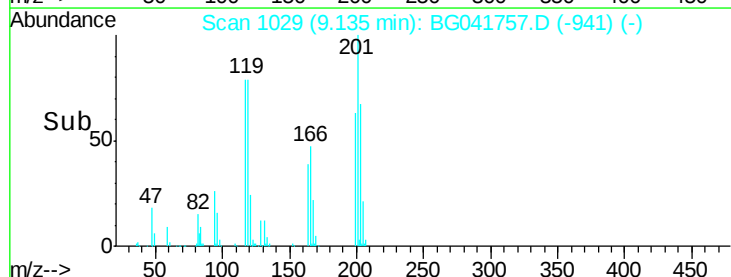
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.5	76.2	114.2	
201	125.8	94.1	141.1	

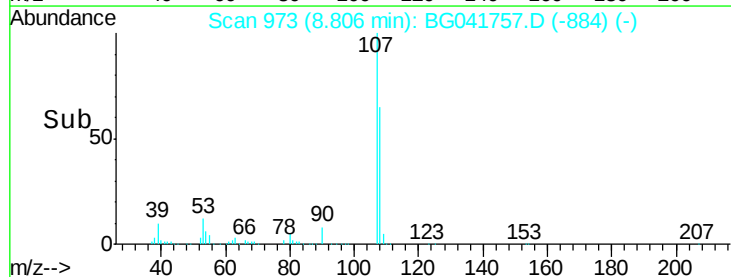
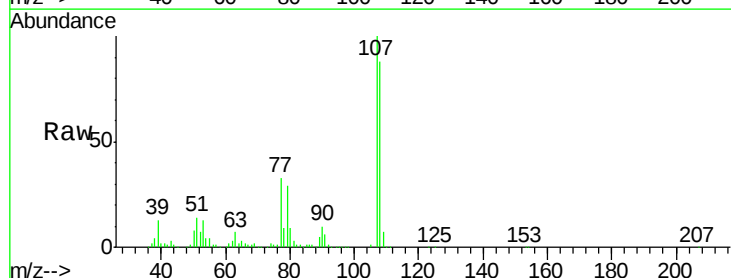
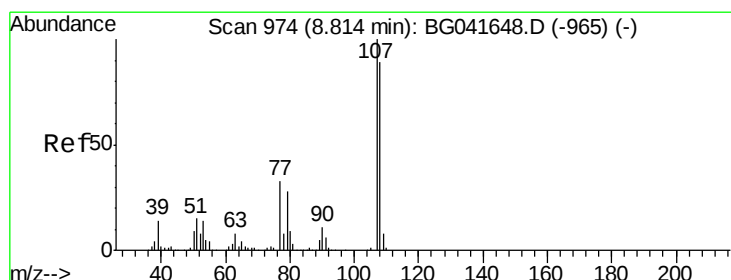
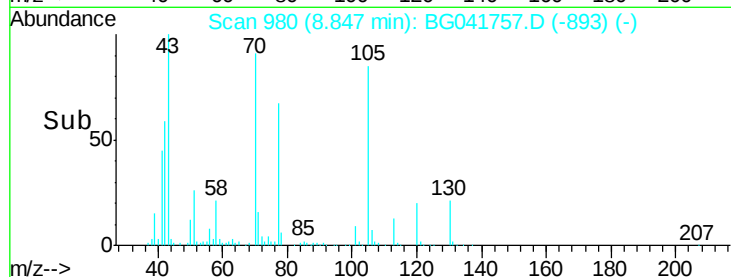
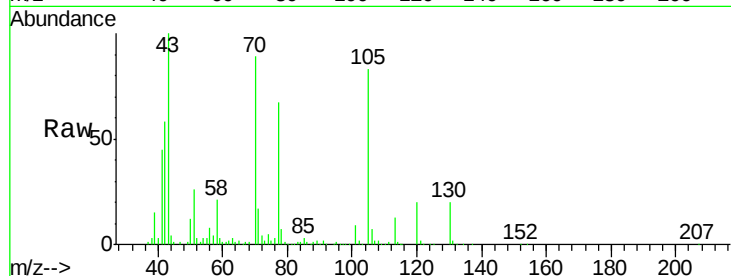
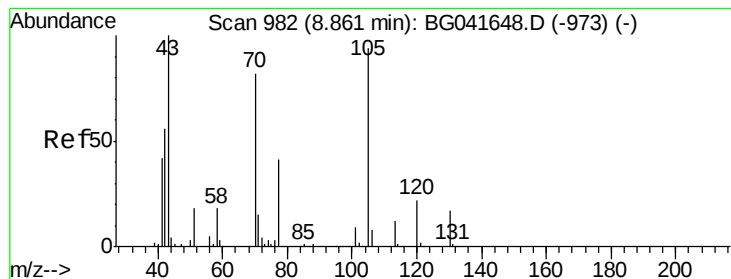


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.649 ng

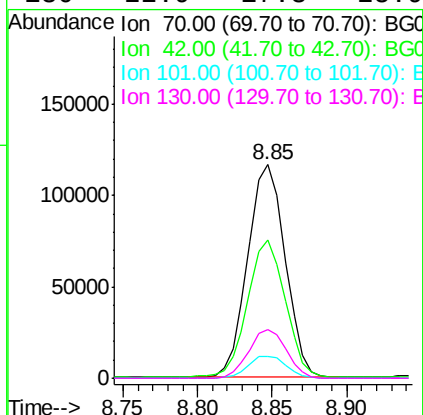
RT: 8.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.8	55.8	83.6	
101	10.0	8.1	12.1	
130	22.9	17.3	25.9	



Instrument :

BNA_G

ClientSampleId :

TP-1SMS

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#20

3+4-Methylphenols

Concen: 38.251 ng

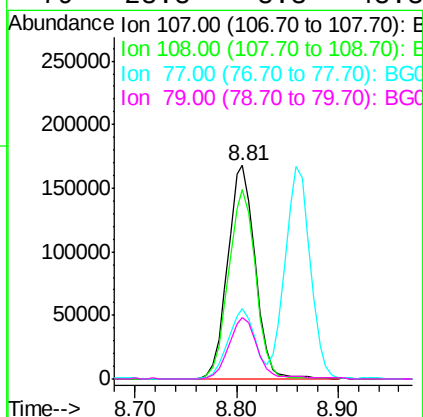
RT: 8.81 min Scan# 973

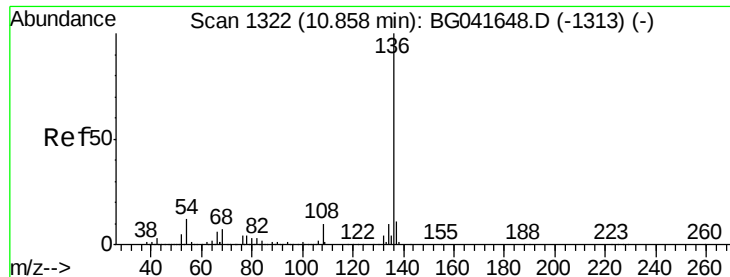
Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	67.5	107.5	
77	33.2	12.3	52.3	
79	28.8	8.3	48.3	





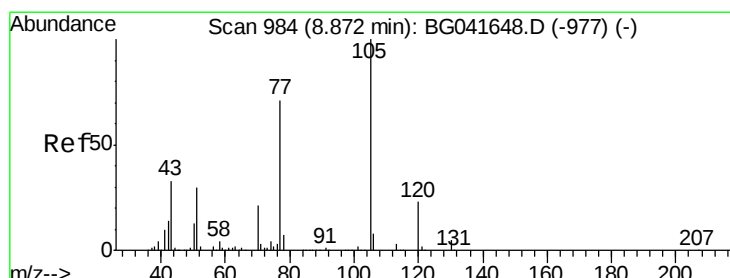
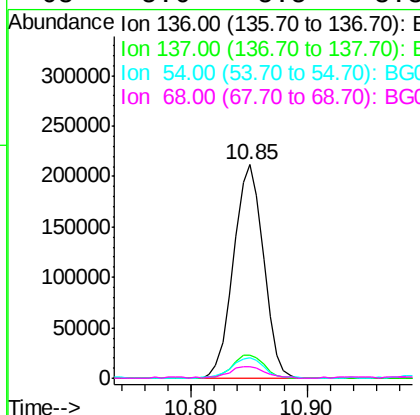
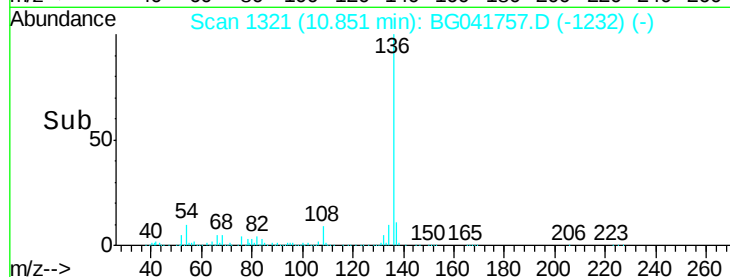
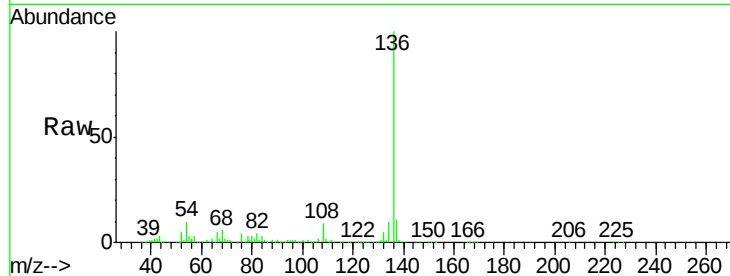
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		379280		
137	11.1	9.2	13.8		
54	9.7	8.7	13.1		
68	5.6	5.5	8.3		

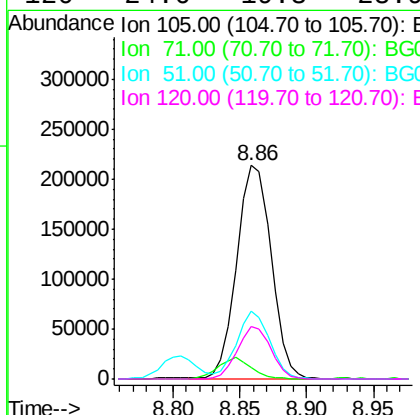
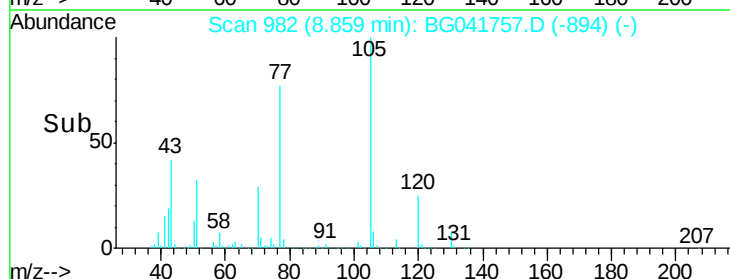
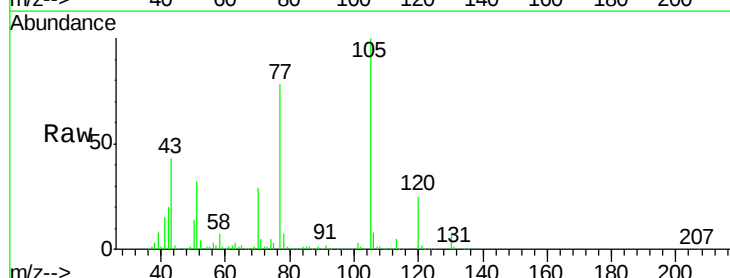
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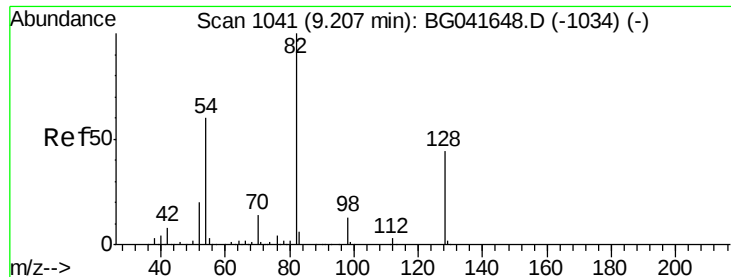
mohammad
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#22
Acetophenone
Concen: 41.510 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		383452		
71	5.3	5.9	8.9#		
51	32.1	27.7	41.5		
120	24.6	19.3	28.9		





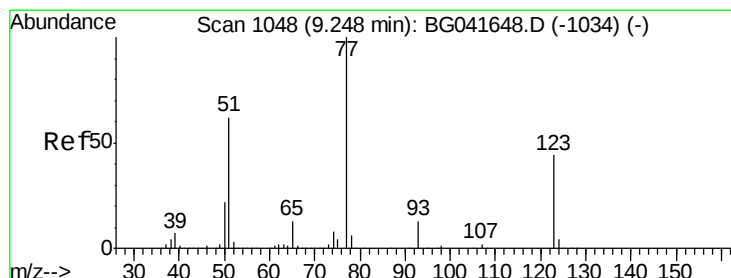
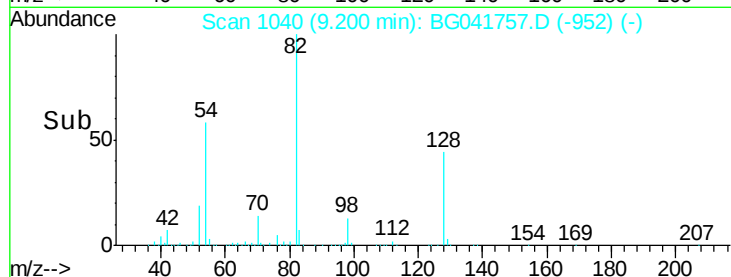
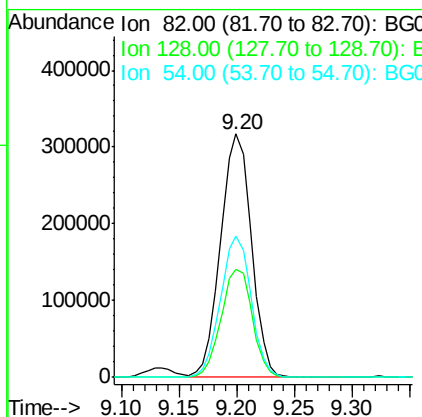
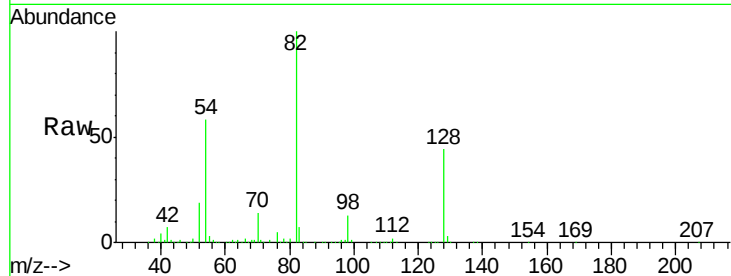
#23
 Nitrobenzene-d5
 Concen: 94.013 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	586326		
128	44.1		35.1	52.7
54	58.2		48.7	73.1

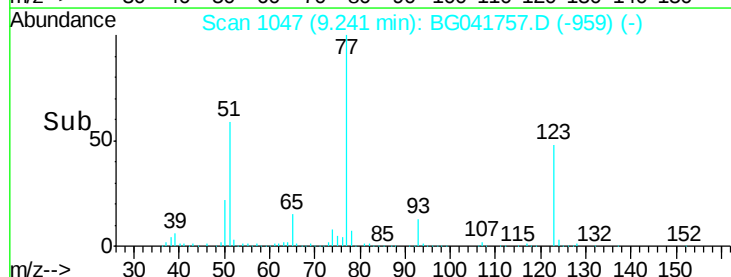
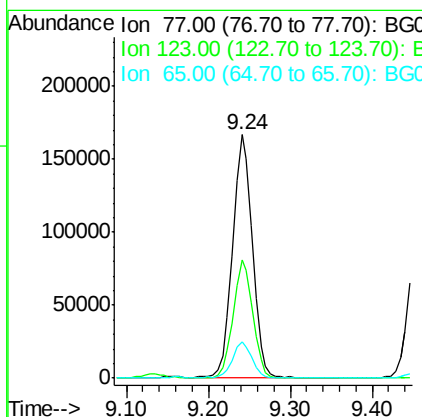
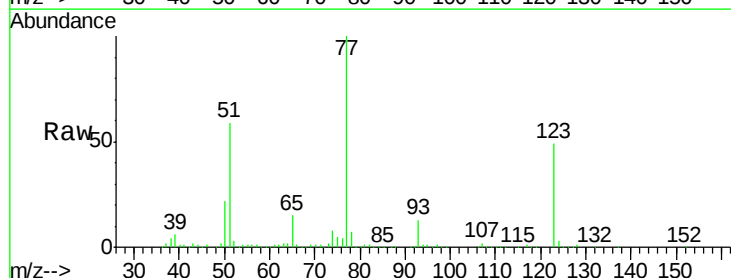
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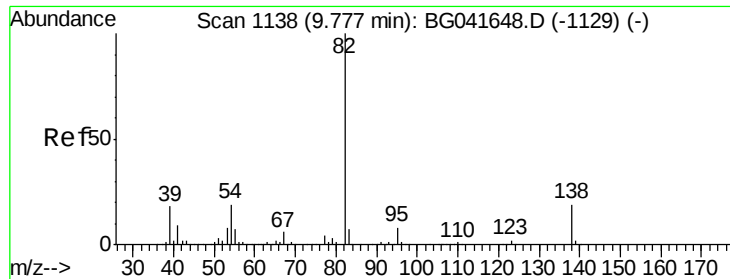
mohammad
 7/24/2019 11:35:30 AM



#24
 Nitrobenzene
 Concen: 41.248 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	280622		
123	48.7		38.1	57.1
65	14.8		11.0	16.6





#25

Isophorone

Concen: 39.094 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

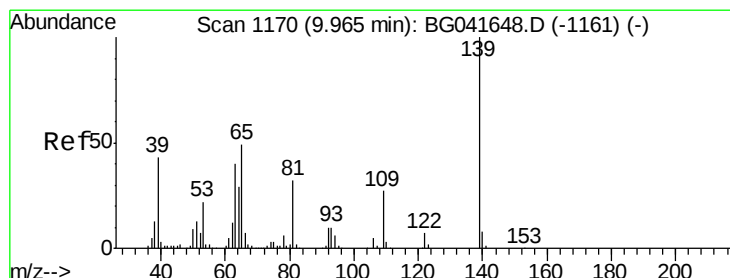
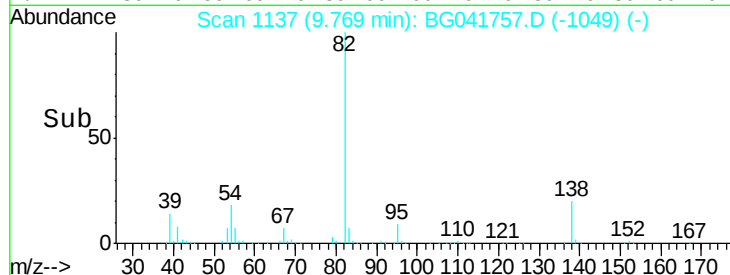
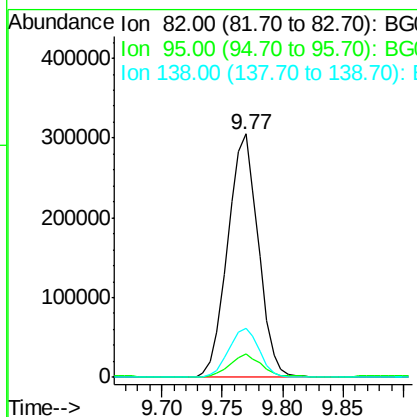
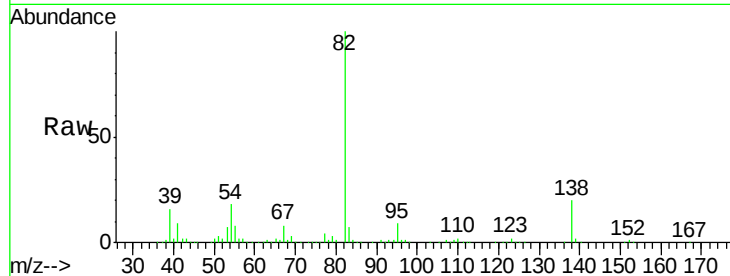
ClientSampleId :

TP-1SMS

Tot Ion	82	Resp	533886
Ion	Ratio	Lower	Upper
82	100		
95	9.4	5.9	8.9#
138	20.2	16.3	24.5

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#26

2-Nitrophenol

Concen: 48.843 ng

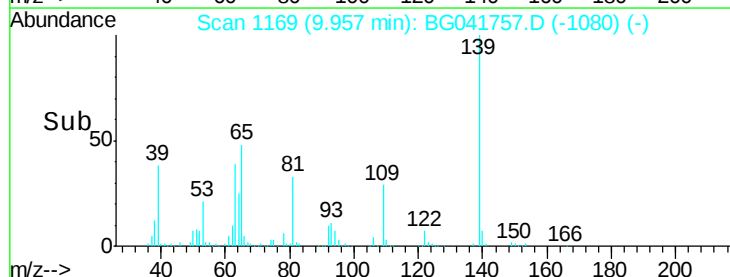
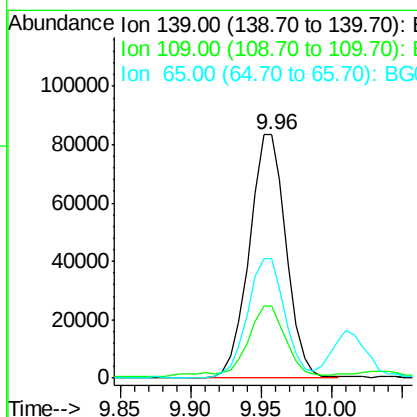
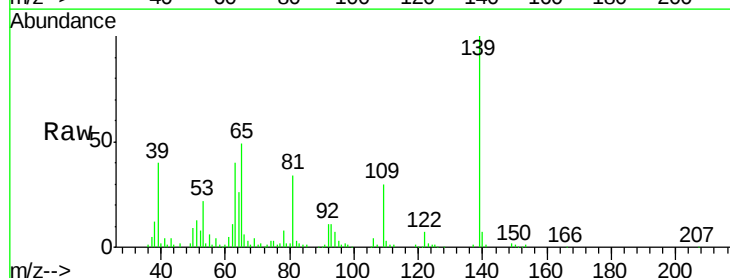
RT: 9.96 min Scan# 1169

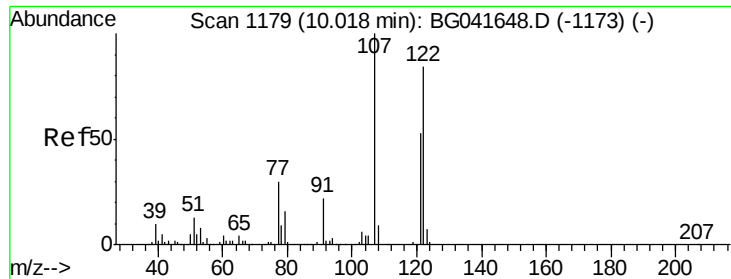
Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion	139	Resp	152724
Ion	Ratio	Lower	Upper
139	100		
109	29.6	22.7	34.1
65	48.9	41.1	61.7





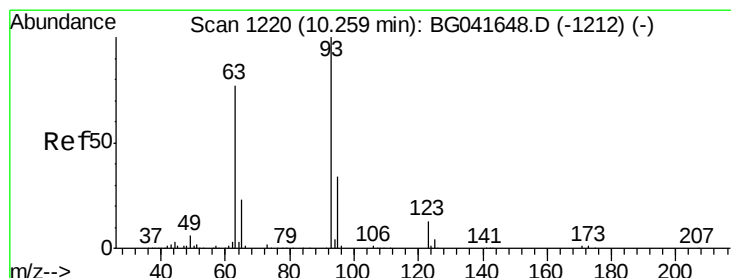
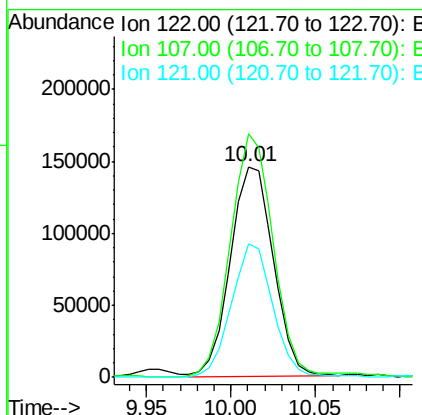
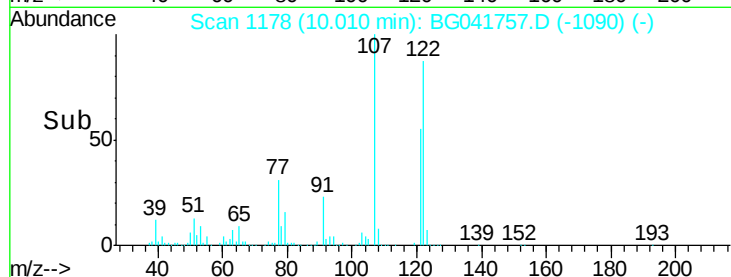
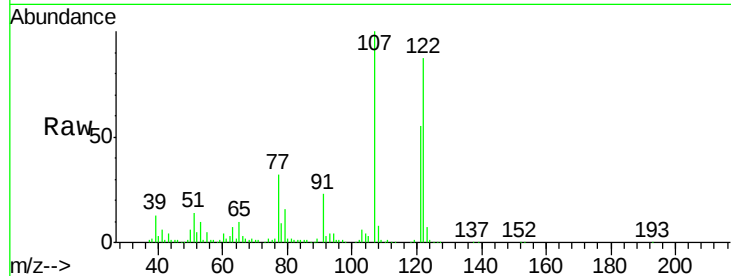
#27
 2,4-Dimethylphenol
 Concen: 47.477 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Instrument :
 BNA_G
 ClientSampled :
 TP-1SMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	256535		
107	115.5	91.3	136.9	
121	63.6	49.2	73.8	

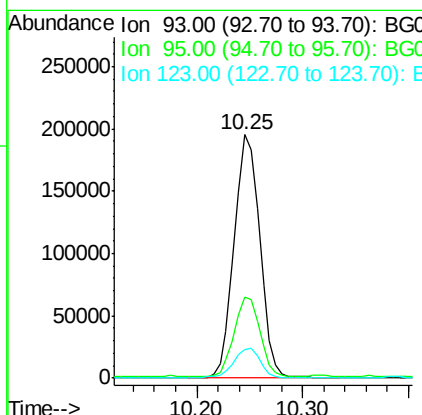
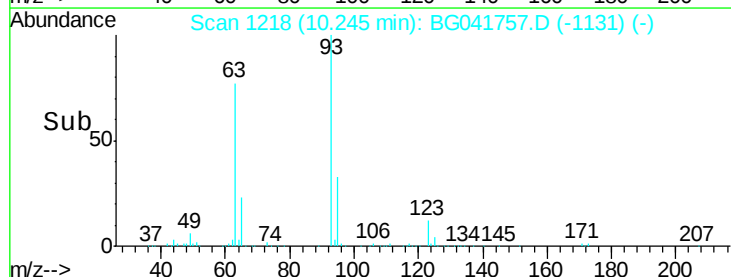
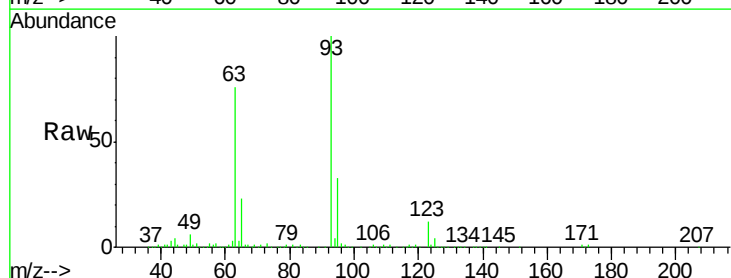
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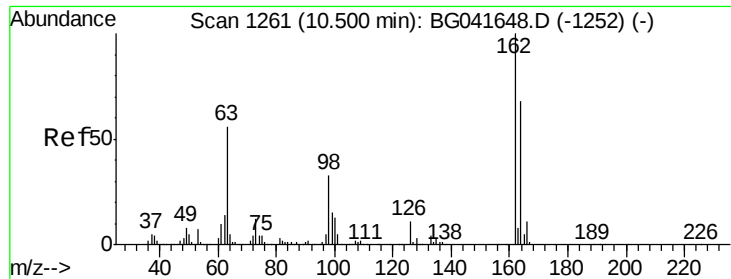
mohammad
 7/24/2019 11:35:30 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.144 ng
 RT: 10.25 min Scan# 1218
 Delta R.T. -0.02 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	329474		
95	33.3	26.2	39.4	
123	11.9	9.9	14.9	





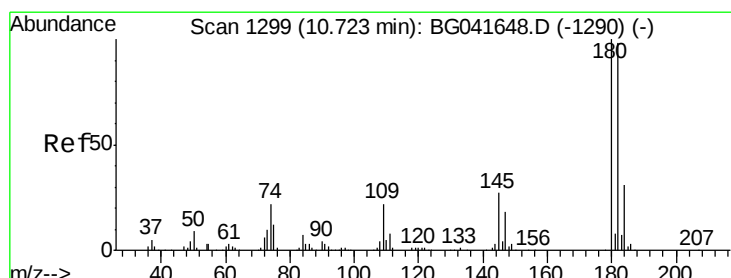
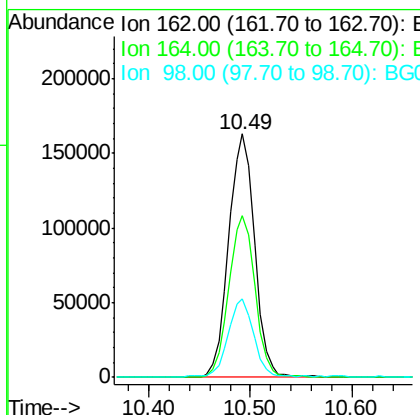
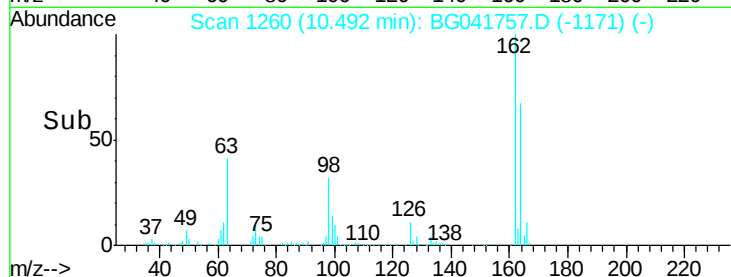
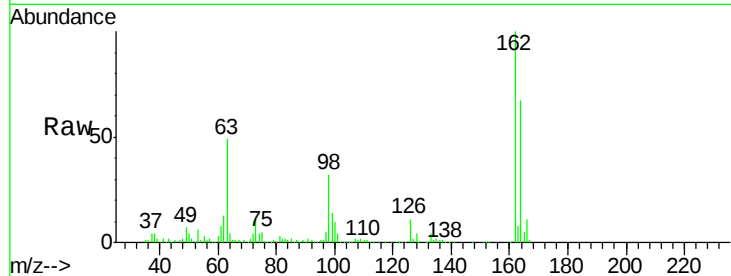
#29
 2,4-Dichlorophenol
 Concen: 47.105 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.5	46.1	86.1
98	32.2	14.7	54.7

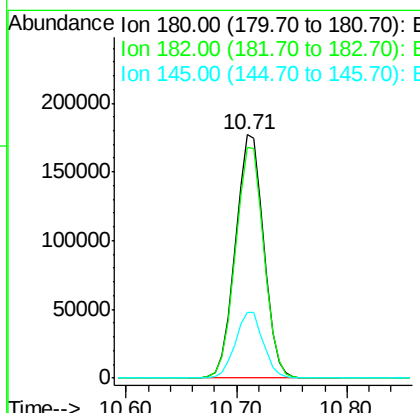
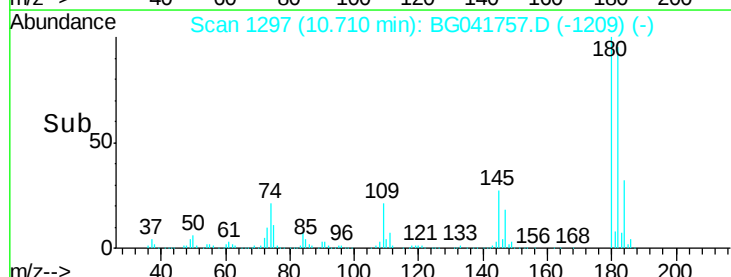
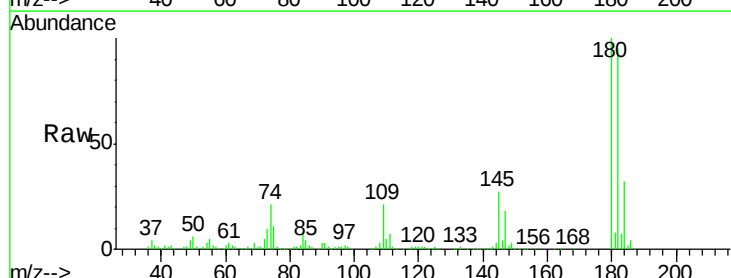
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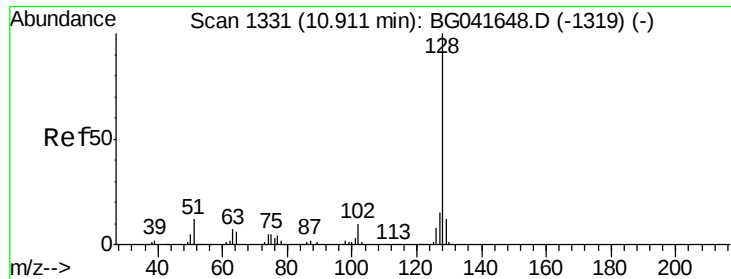
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.082 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	76.2	114.2
145	27.0	23.8	35.8





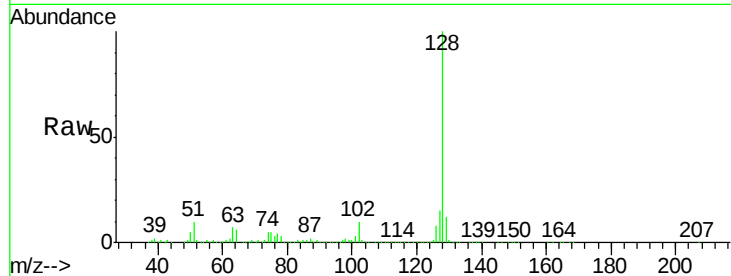
#31
Naphthalene
Concen: 43.560 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.0	15.0
127	14.7	12.3	18.5

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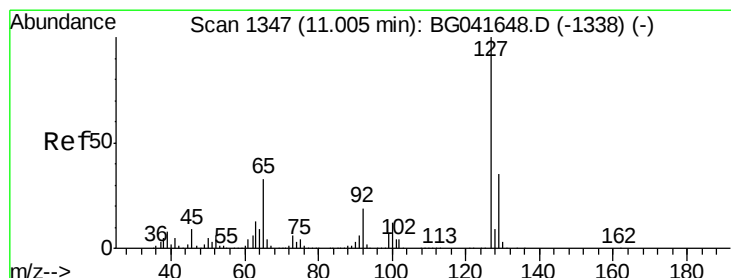
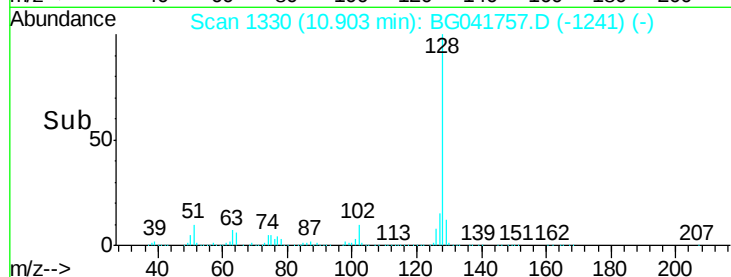
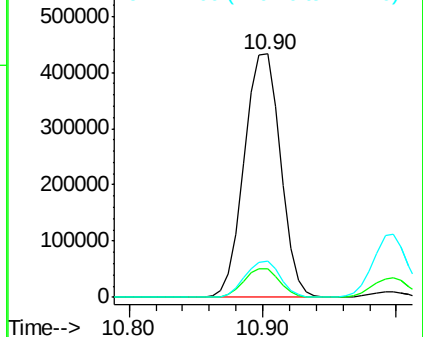


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33
4-Chloroaniline
Concen: 23.663 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	30.7	26.7	40.1
92	19.3	15.4	23.0

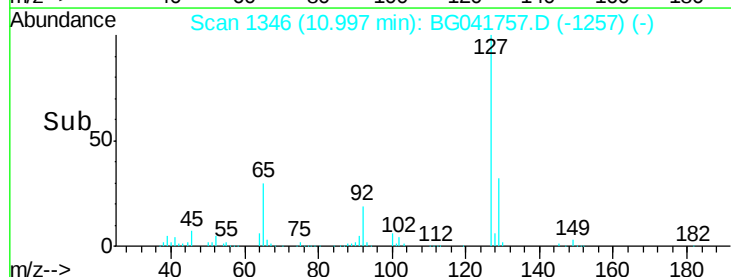
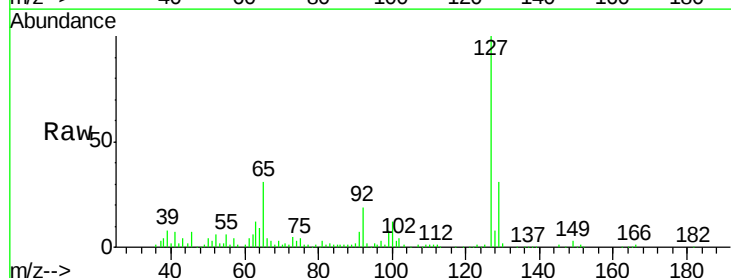
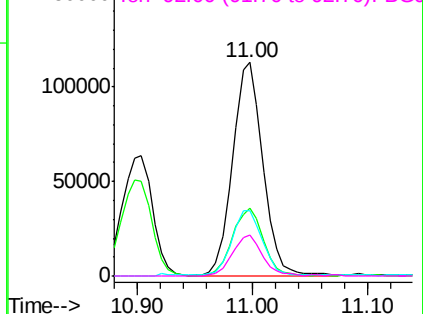
Abundance

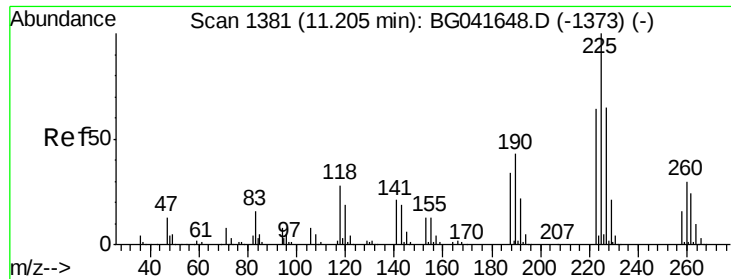
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





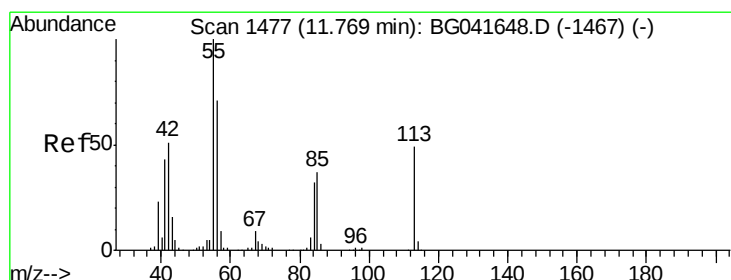
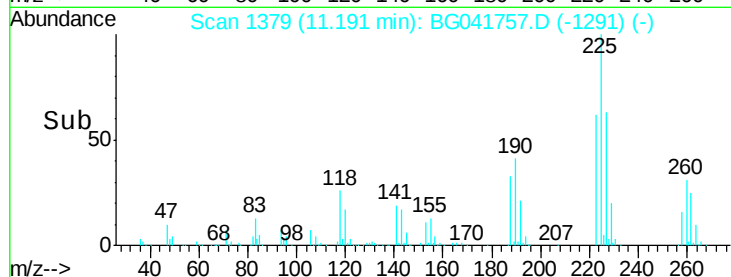
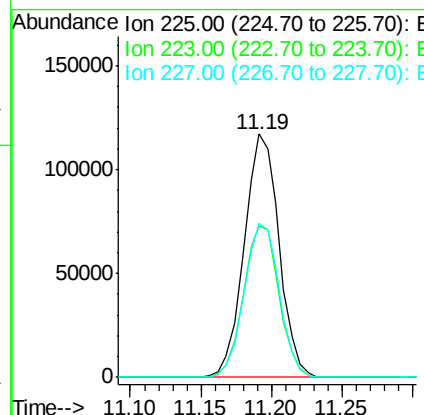
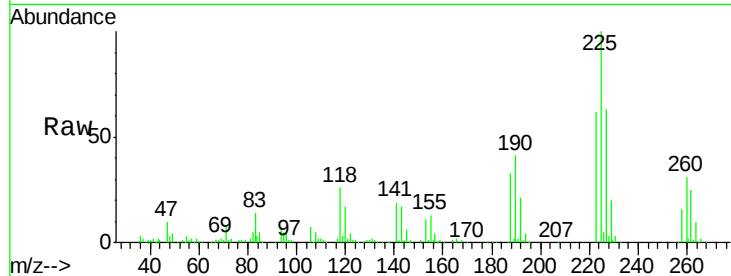
#34
Hexachlorobutadiene
Concen: 43.404 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	63.3	50.9	76.3

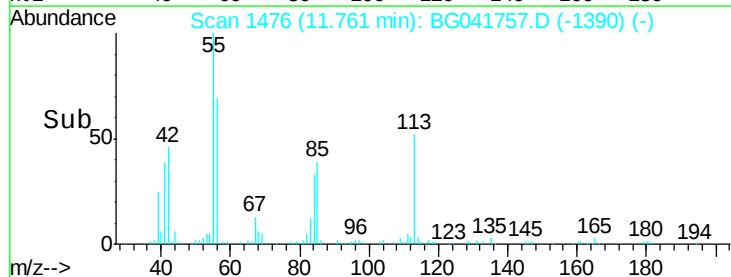
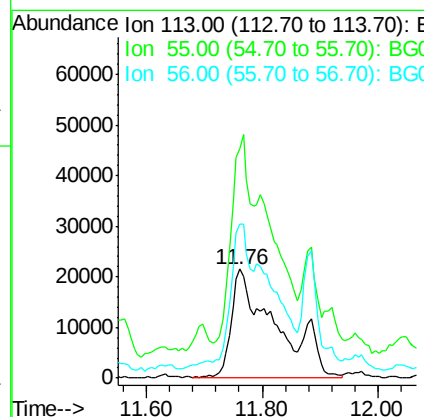
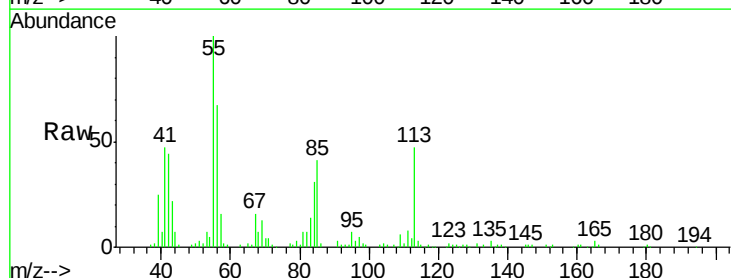
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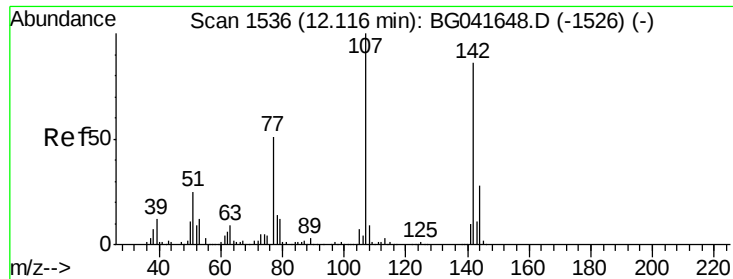
mohammad
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#35
Caprolactam
Concen: 51.056 ng m
RT: 11.76 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
113	100		
55	211.1	199.4	239.4
56	142.0	133.6	173.6





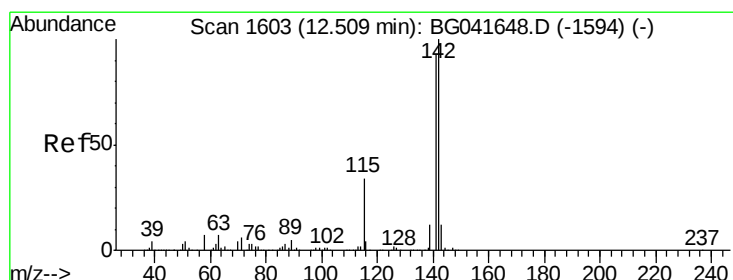
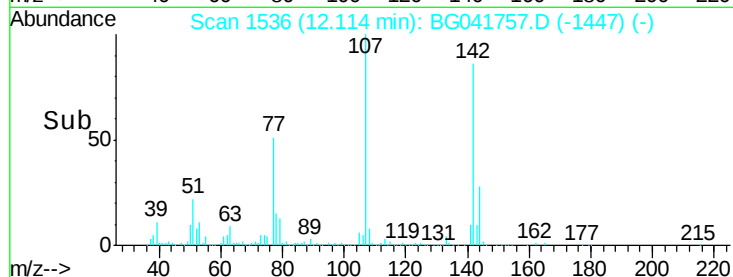
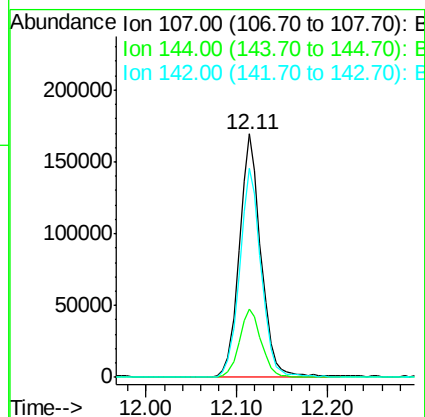
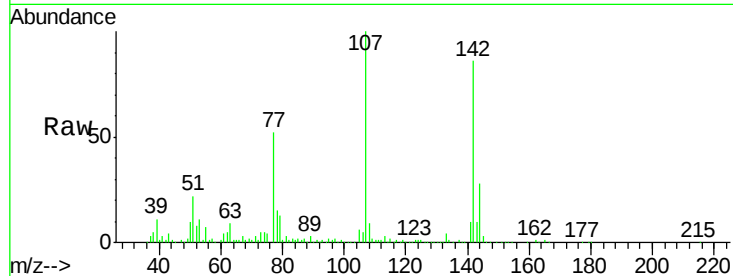
#36
4-Chloro-3-methylphenol
Concen: 43.576 ng
RT: 12.11 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampled :
TP-1SMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.9	22.2	33.2
142	85.8	67.3	100.9

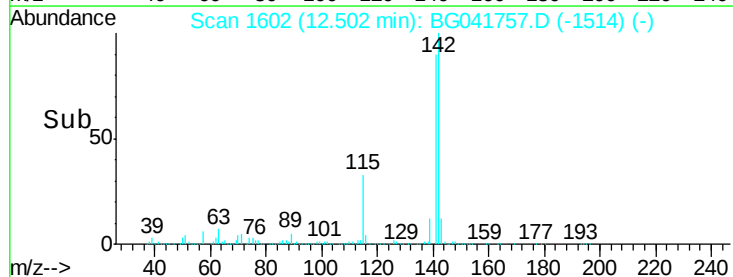
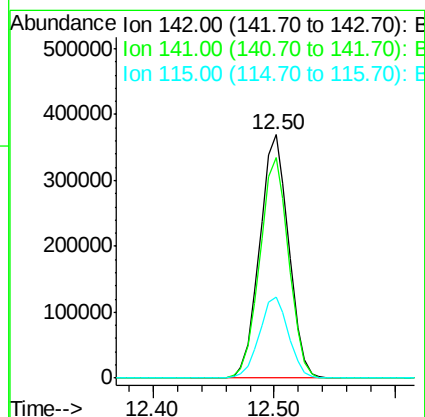
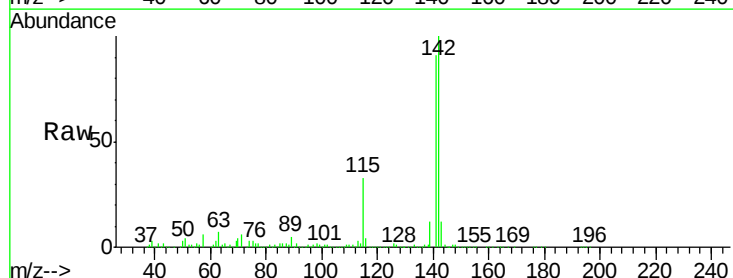
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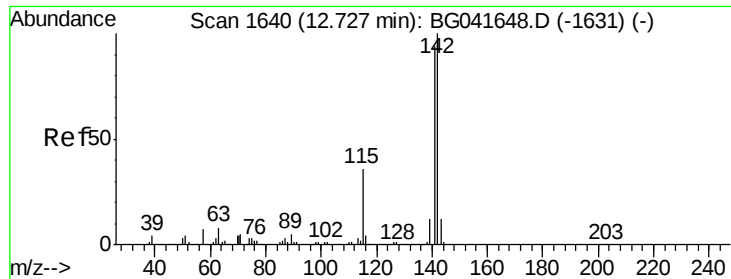
mohammad
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#37
2-Methylnaphthalene
Concen: 43.034 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.7	109.1
115	33.5	27.0	40.4





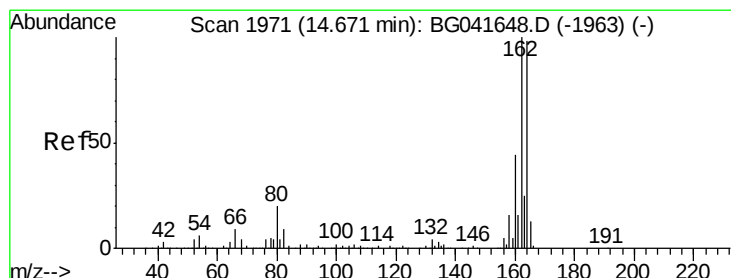
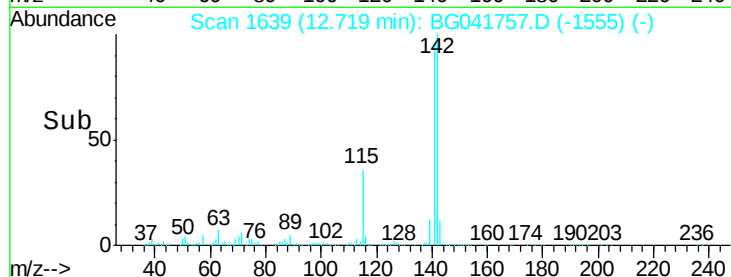
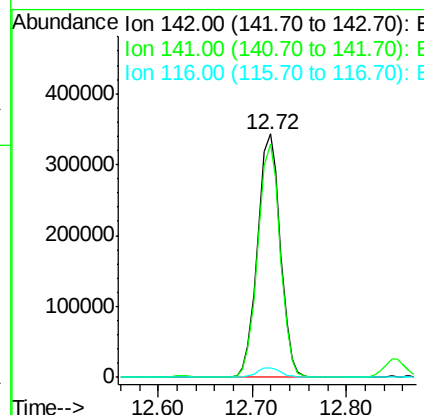
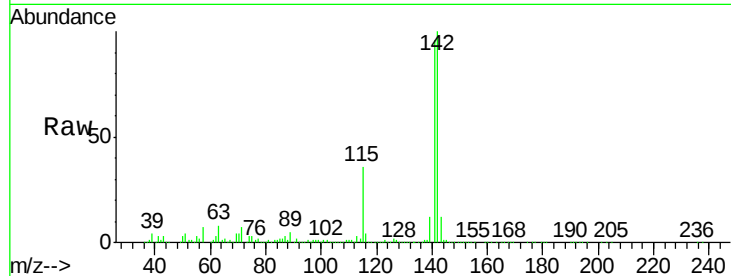
#38
1-Methylnaphthalene
Concen: 42.357 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.4	113.2
116	4.0	3.2	4.8

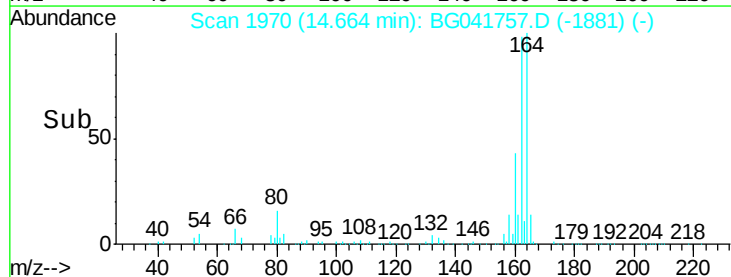
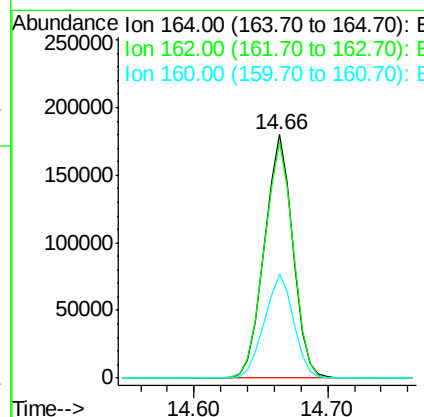
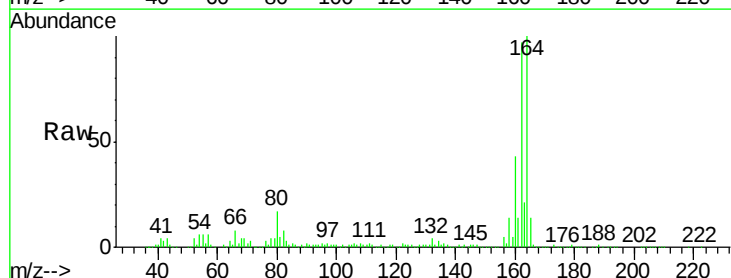
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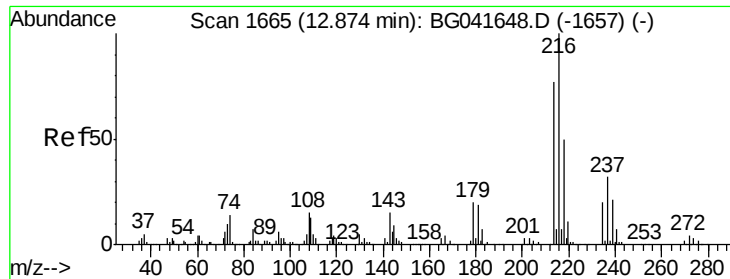
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	79.6	119.4
160	42.9	35.4	53.0





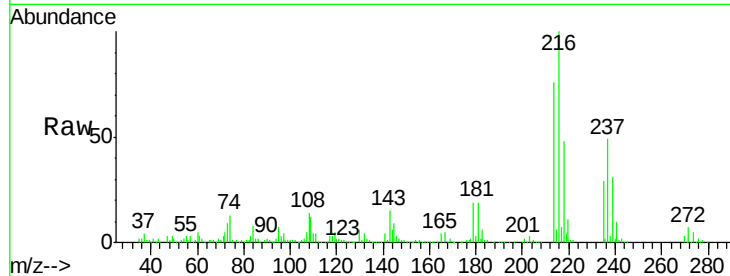
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.309 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

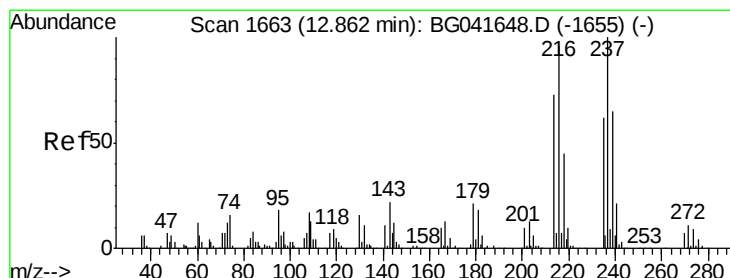
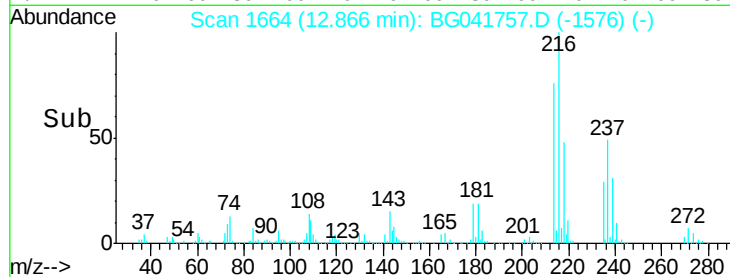
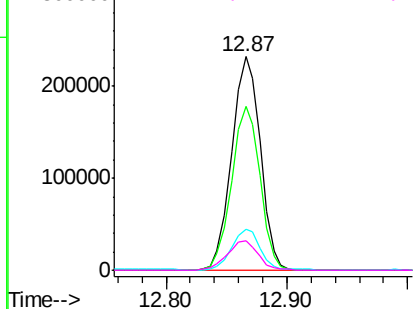
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		383376		
214	76.0		61.5	92.3	
179	19.3		16.2	24.2	
108	14.7		13.2	19.8	

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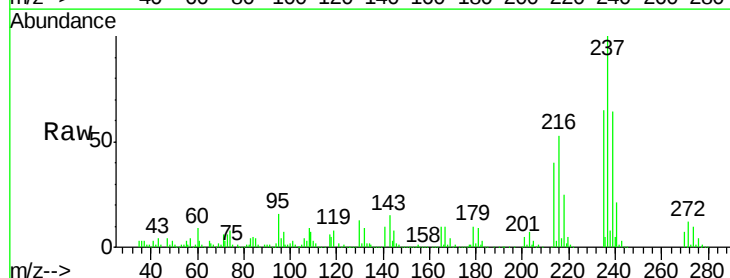


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

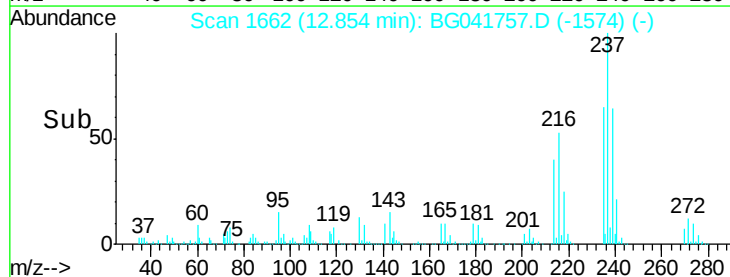
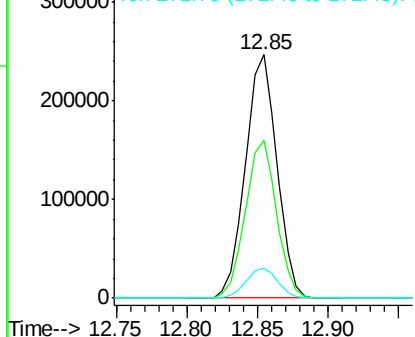


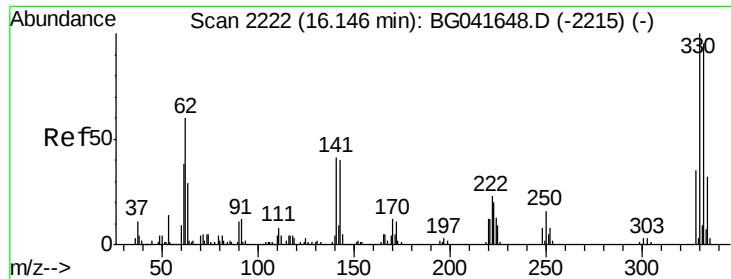
#41
Hexachlorocyclopentadiene
Concen: 75.334 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		386144		
235	64.7		43.5	83.5	
272	12.4		0.0	31.2	



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





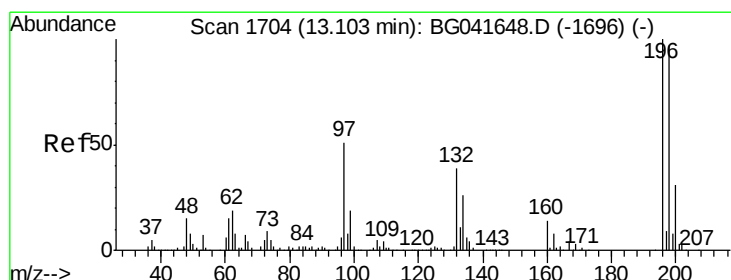
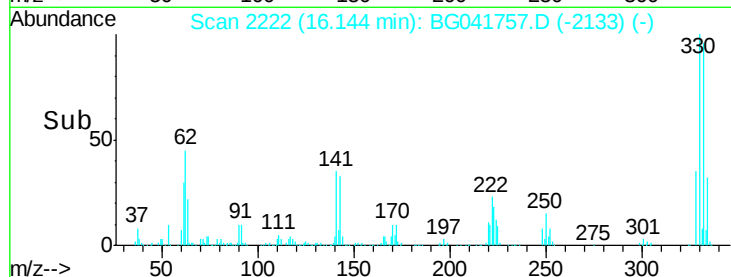
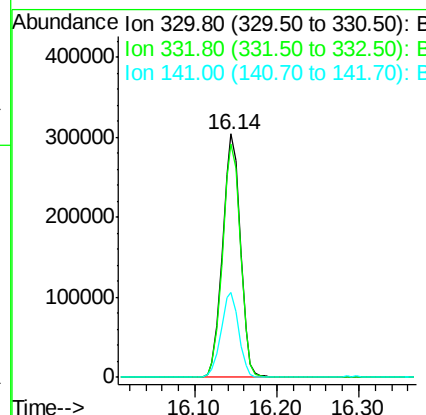
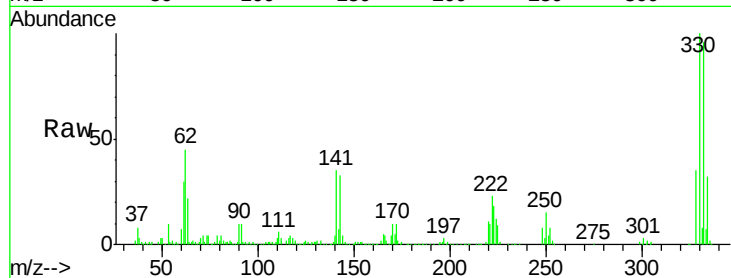
#42
 2,4,6-Tribromophenol
 Concen: 154.971 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	462006		
332	96.3		77.4	116.0
141	34.3		31.9	47.9

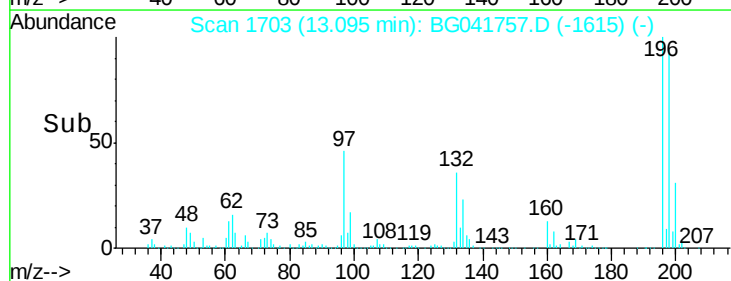
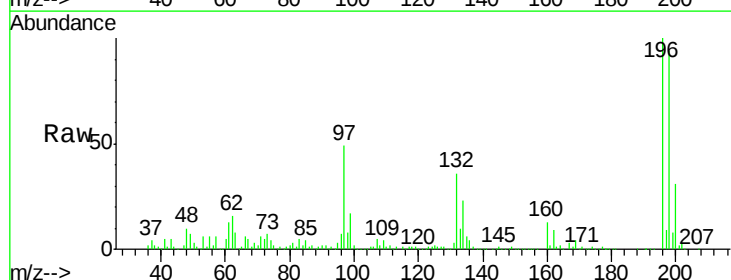
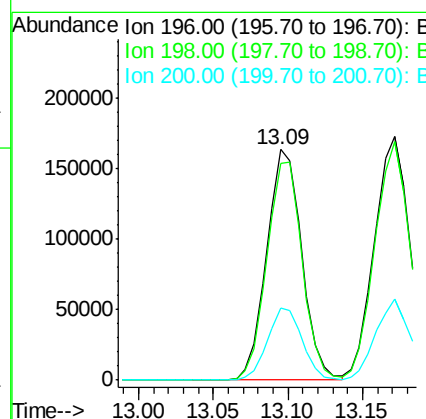
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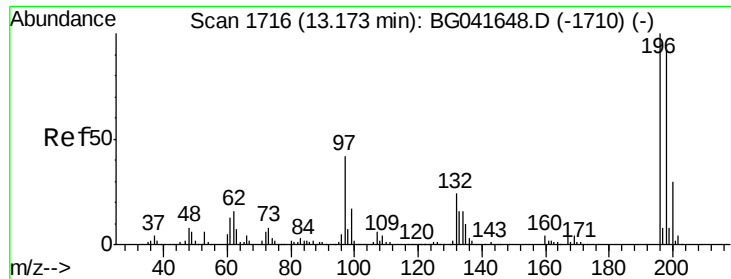
mohammad
 7/24/2019 11:35:30 AM



#43
 2,4,6-Trichlorophenol
 Concen: 45.223 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266259		
198	94.4		79.6	119.4
200	31.3		25.2	37.8





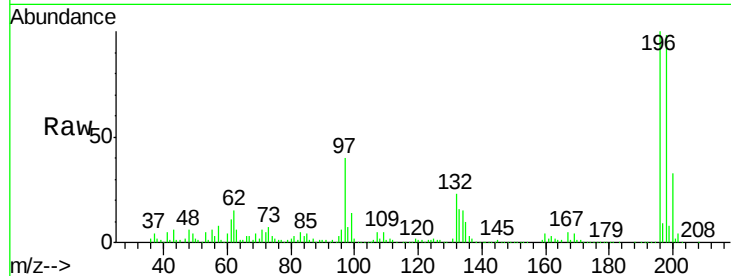
#44
2,4,5-Trichlorophenol
Concen: 46.308 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampled :
TP-1SMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	287258		
198	97.7	80.6	121.0	
97	39.8	33.9	50.9	
132	23.1	20.2	30.2	

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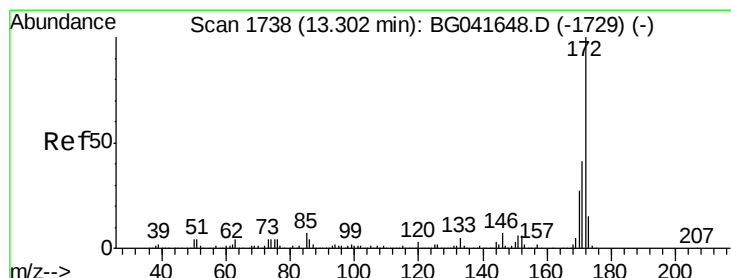
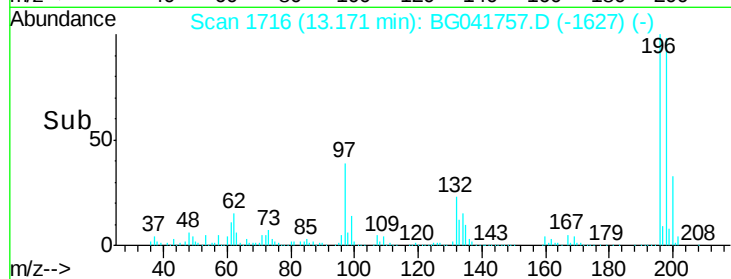
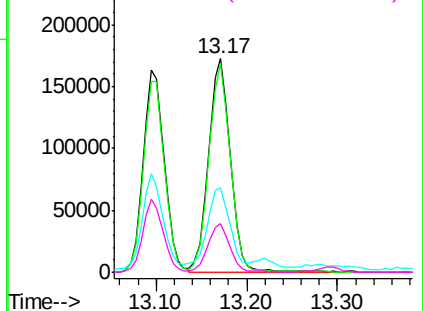
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 75.273 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

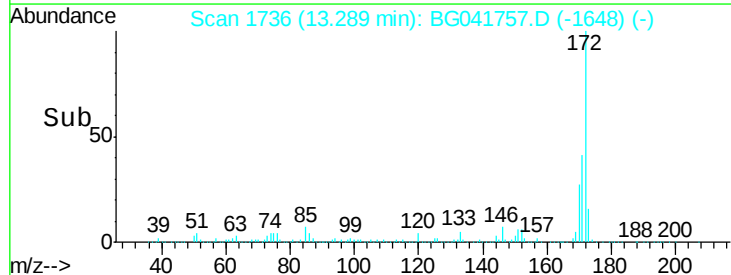
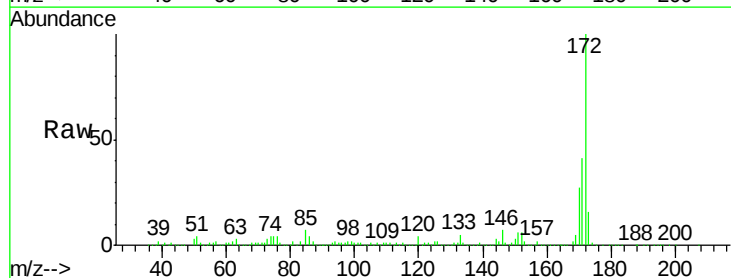
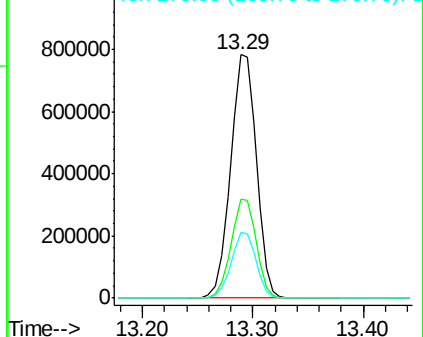
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1285906		
171	40.5	35.0	52.4	
170	26.8	23.5	35.3	

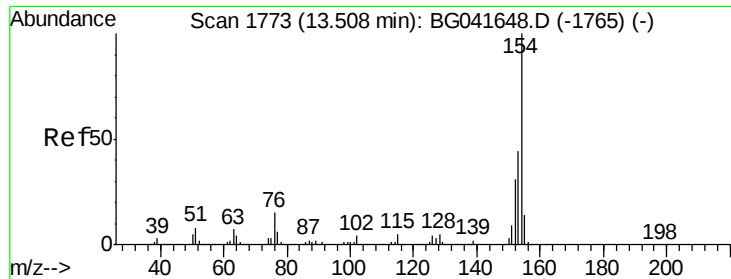
Abundance

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: 38.610 ng

RT: 13.50 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

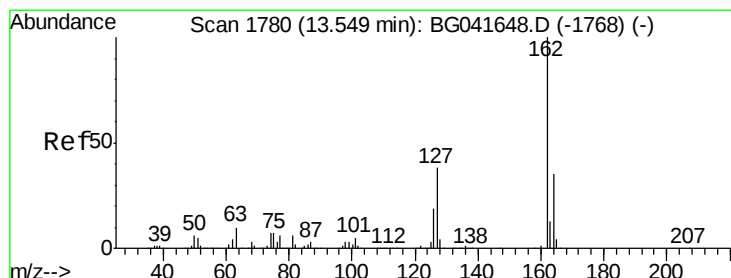
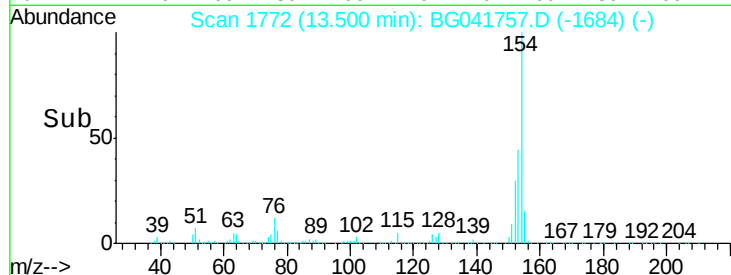
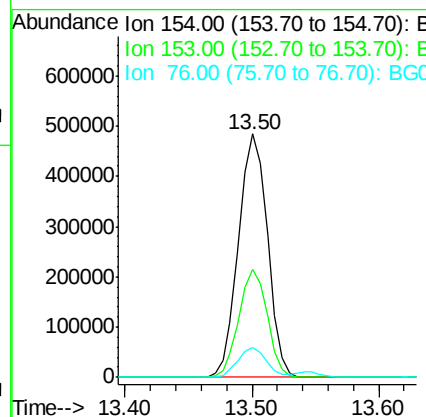
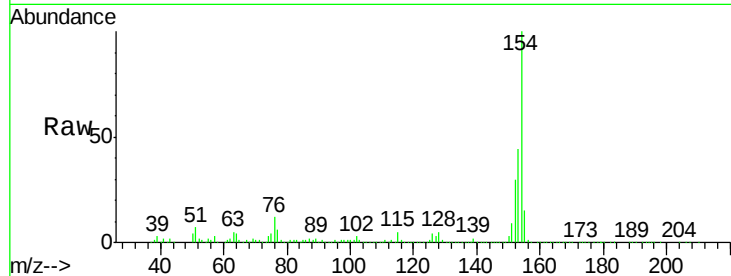
ClientSampleId :

TP-1SMS

Tot Ion:	154	Resp:	765181
Ion Ratio	Lower	Upper	
154	100		
153	44.4	25.0	65.0
76	12.4	0.0	34.5

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#47

2-Chloronaphthalene

Concen: 38.080 ng

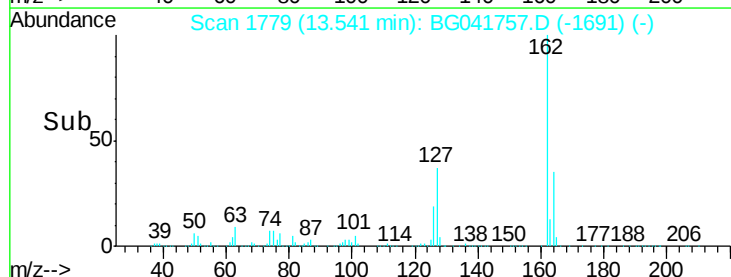
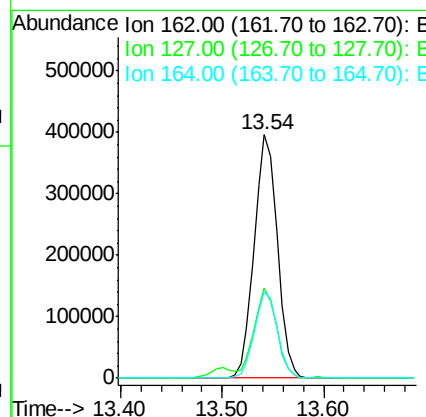
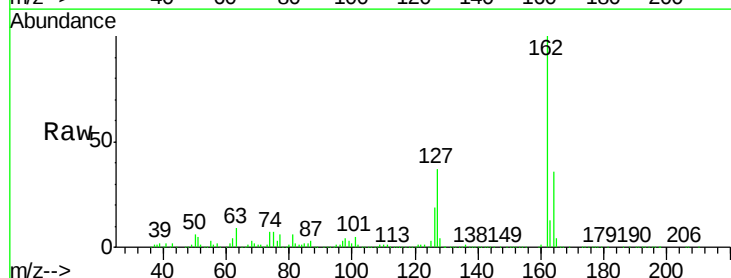
RT: 13.54 min Scan# 1779

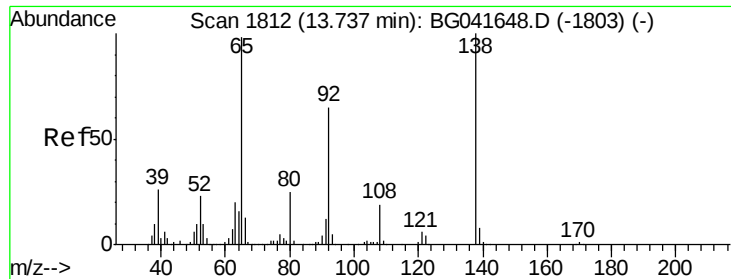
Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion:	162	Resp:	628961
Ion Ratio	Lower	Upper	
162	100		
127	36.8	30.4	45.6
164	35.5	28.6	42.8





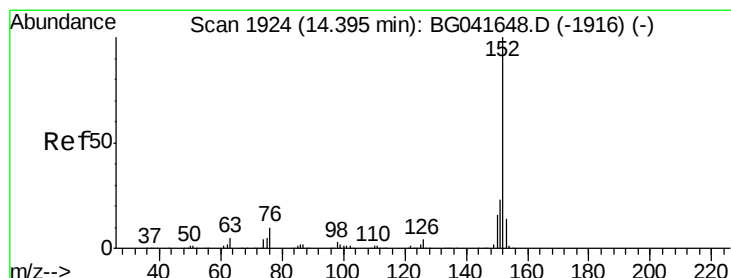
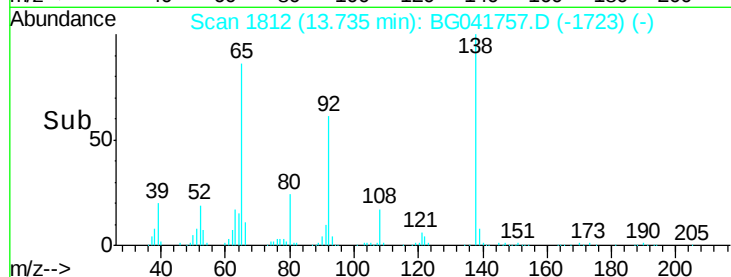
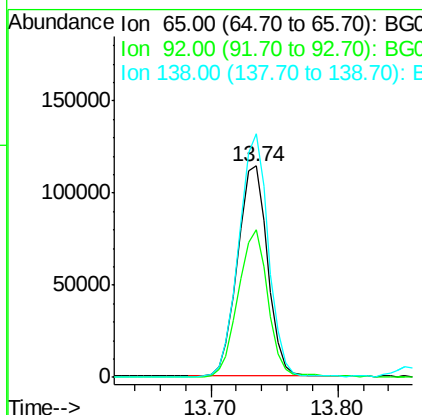
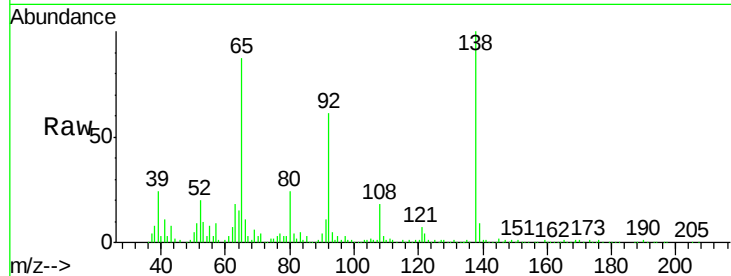
#48
2-Nitroaniline
Concen: 38.740 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.9	80.9
138	115.2	83.5	125.3

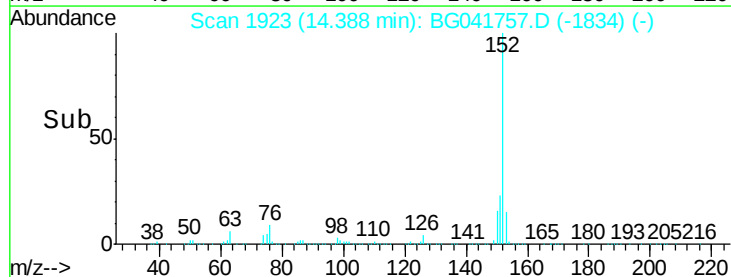
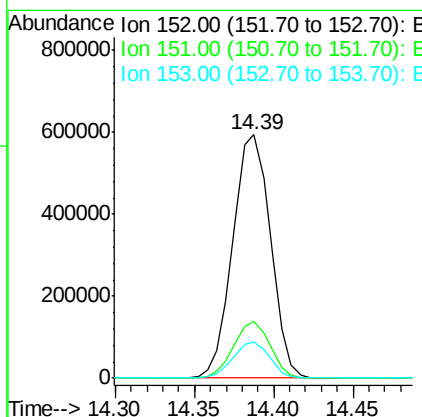
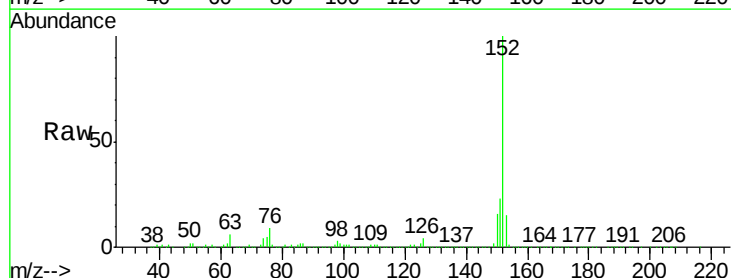
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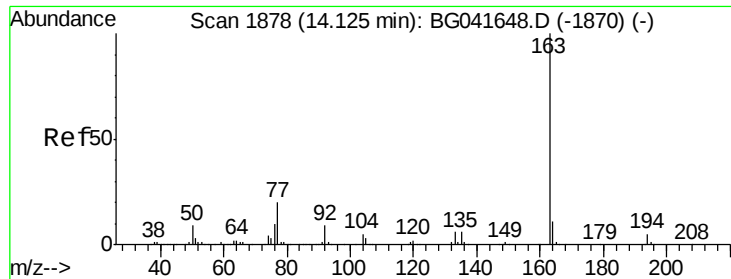
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#49
Acenaphthylene
Concen: 37.947 ng
RT: 14.39 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.7	28.1
153	14.7	12.4	18.6





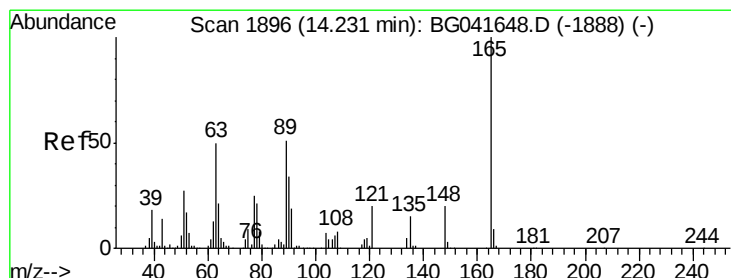
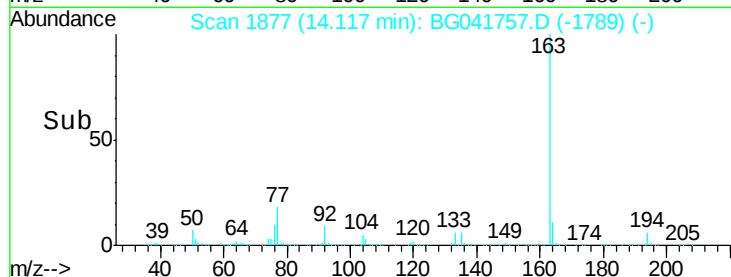
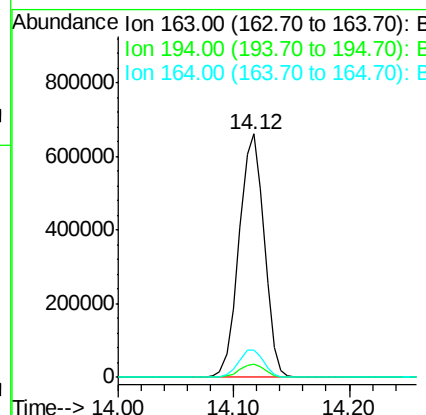
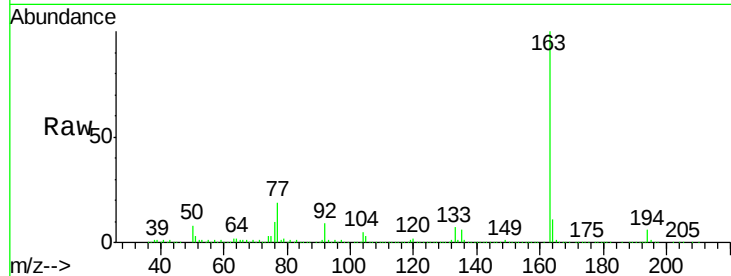
#50
Dimethylphthalate
Concen: 47.730 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	991640		
194	5.7	4.2	6.2	
164	11.5	9.4	14.2	

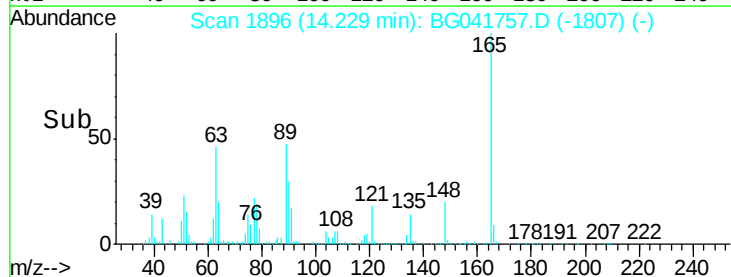
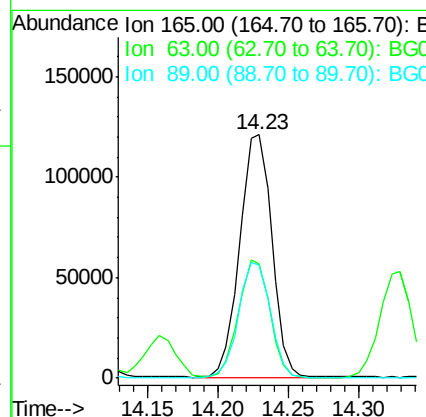
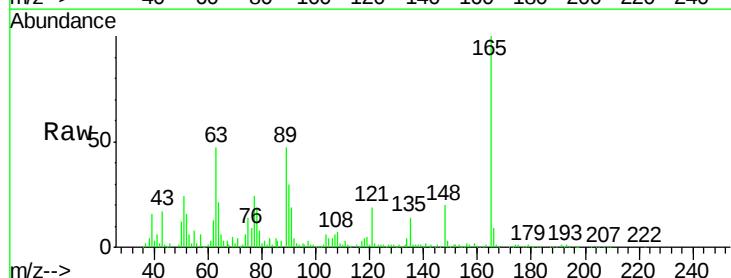
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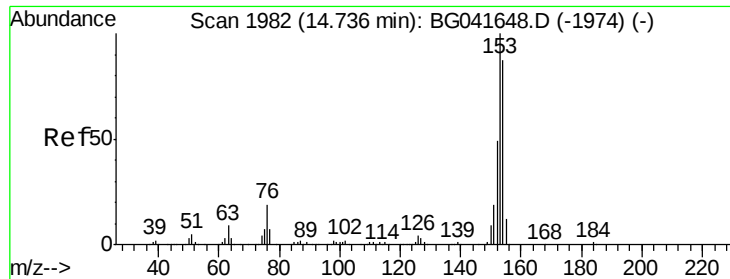
mohammad
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#51
2,6-Dinitrotoluene
Concen: 43.641 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	192321		
63	46.9	42.4	63.6	
89	46.6	42.1	63.1	





#52

Acenaphthene

Concen: 36.988 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

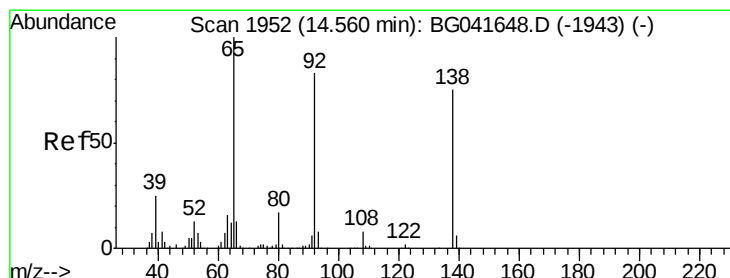
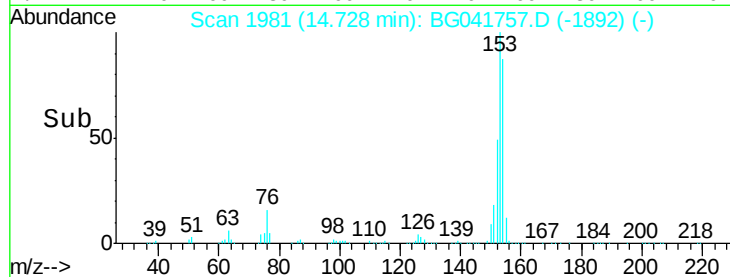
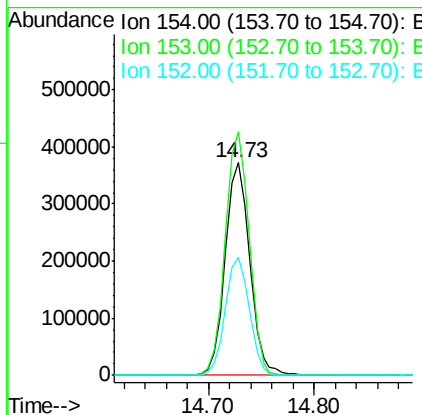
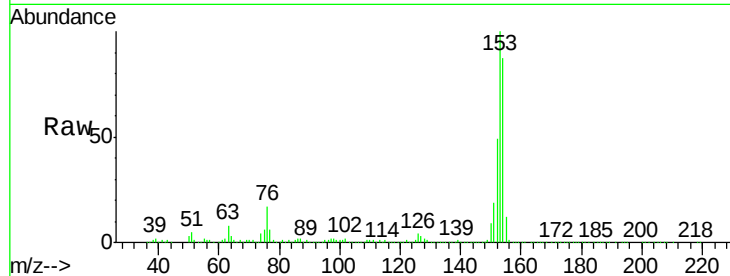
ClientSampled :

TP-1SMS

Tot Ion:	154	Resp:	601018
Ion Ratio	Lower	Upper	
154	100		
153	114.4	89.8	134.6
152	55.7	44.9	67.3

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#53

3-Nitroaniline

Concen: 29.393 ng

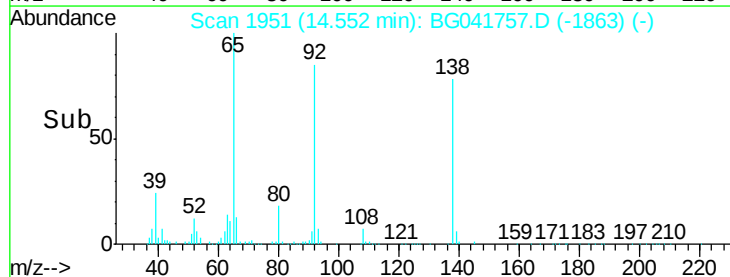
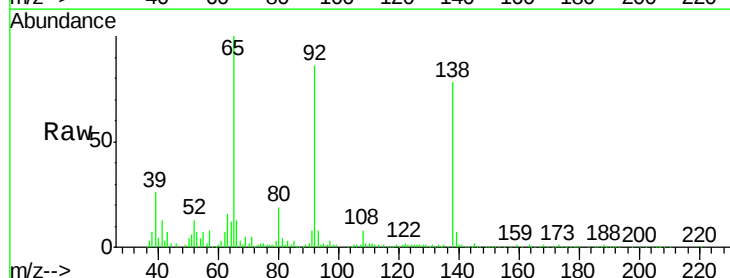
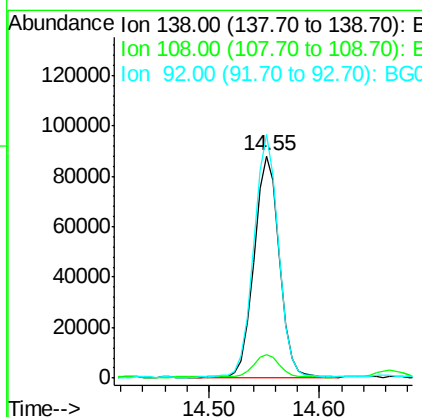
RT: 14.55 min Scan# 1951

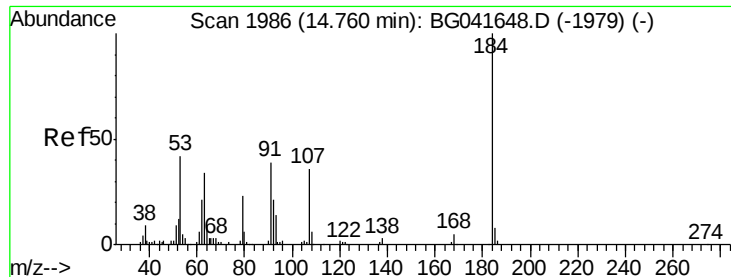
Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion:	138	Resp:	141397
Ion Ratio	Lower	Upper	
138	100		
108	10.3	10.3	15.5#
92	109.4	93.0	139.4





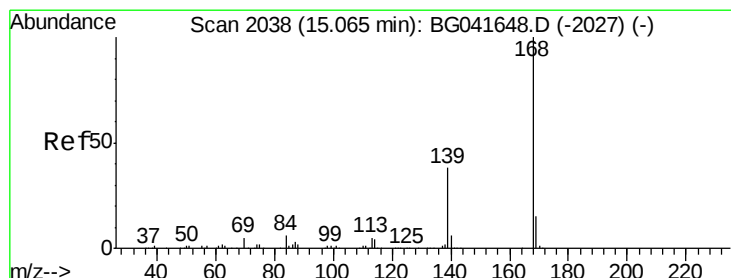
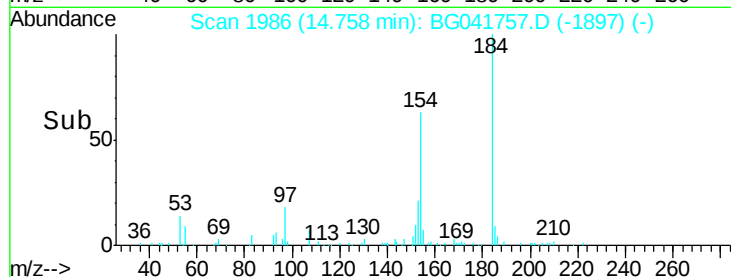
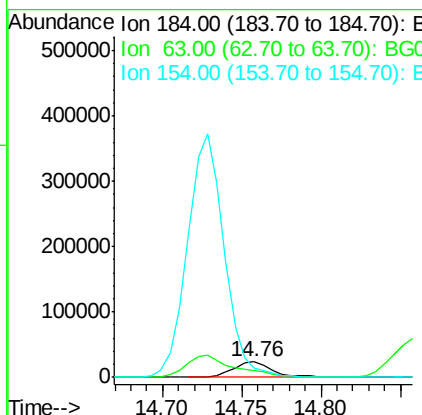
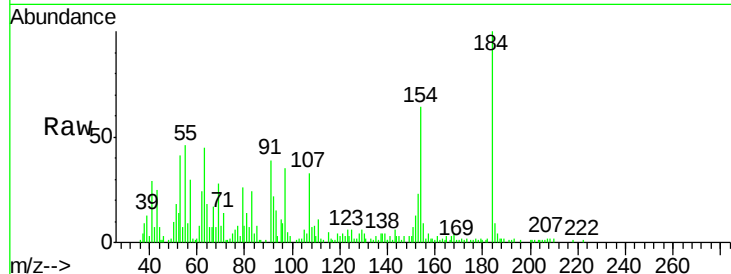
#54
2,4-Dinitrophenol
Concen: 24.012 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampled :
TP-1SMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.1	43.2	64.8
154	64.0	51.4	77.2

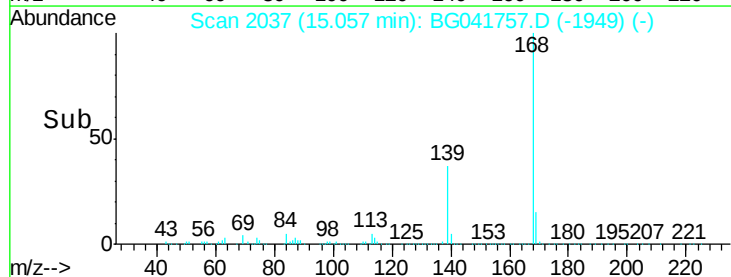
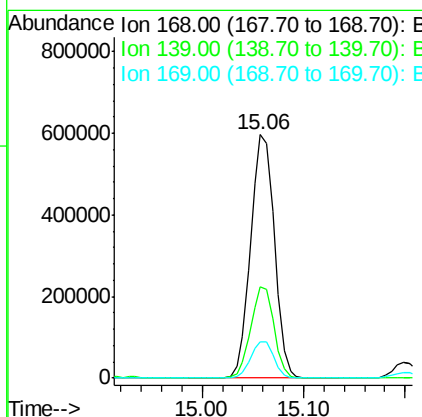
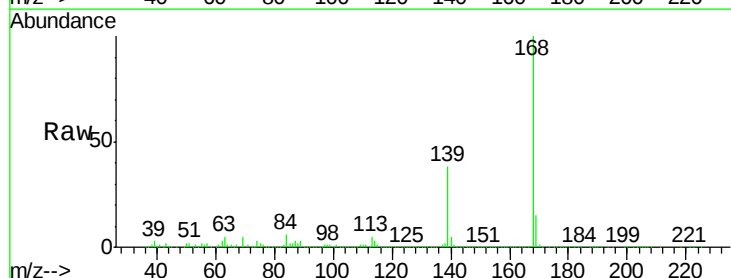
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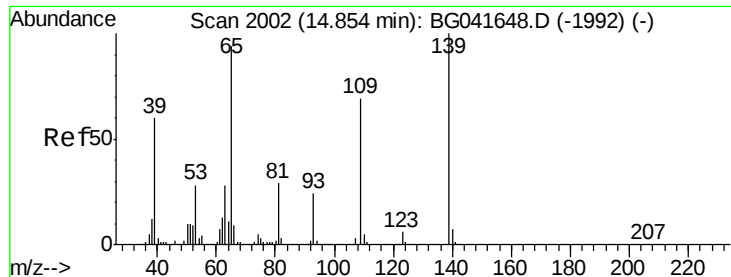
mohammad
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#55
Dibenzofuran
Concen: 39.779 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.9	47.9
169	15.1	12.5	18.7





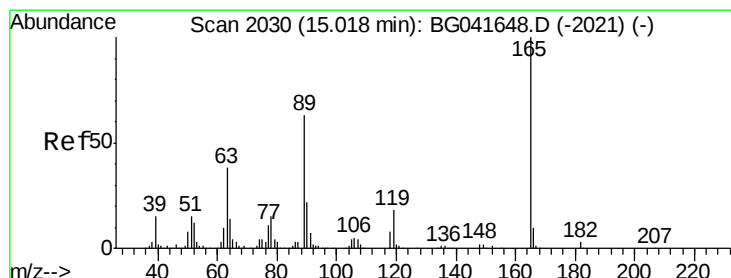
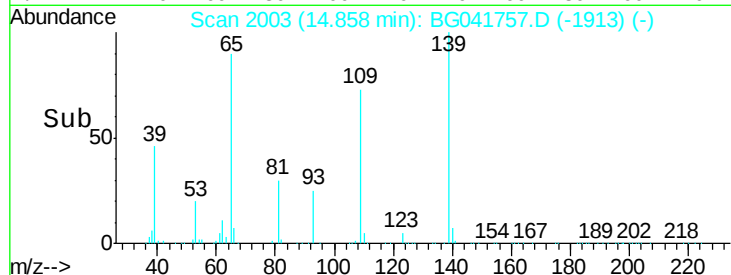
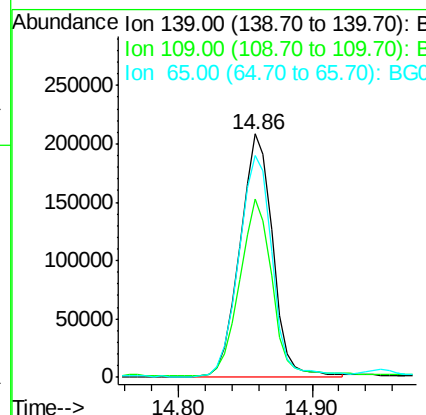
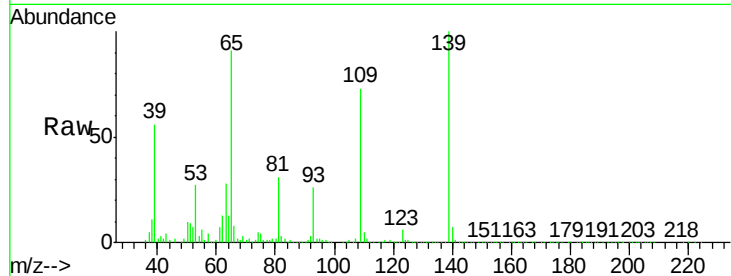
#56
4-Nitrophenol
Concen: 90.525 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampled :
TP-1SMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	352577		
109	73.4	51.3	91.3	
65	91.2	77.6	117.6	

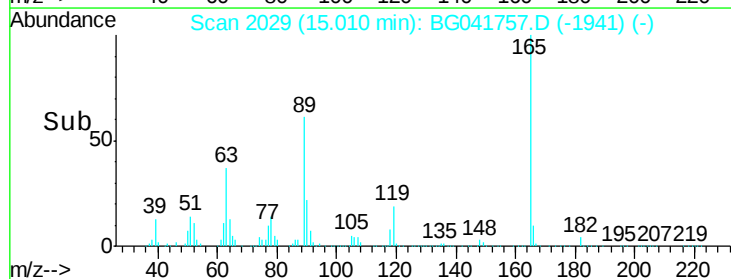
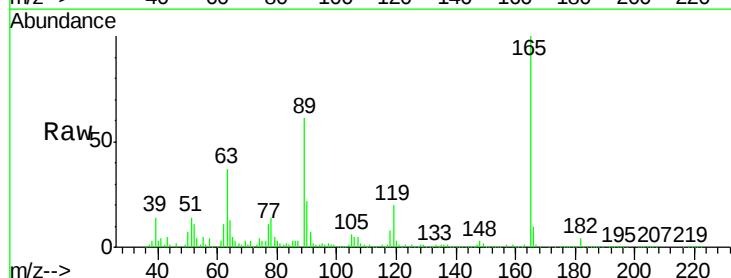
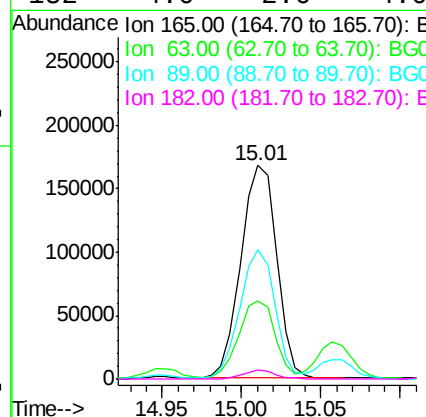
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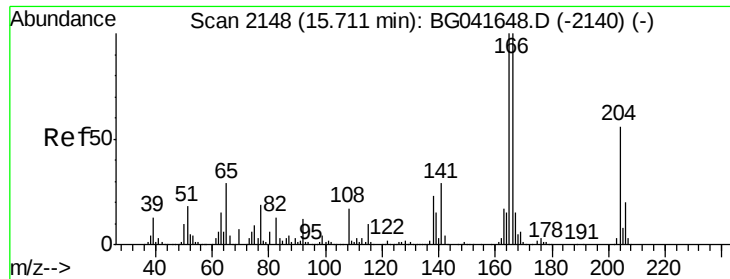
mohammad
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#57
2,4-Dinitrotoluene
Concen: 45.252 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	263609		
63	36.7	31.7	47.5	
89	60.5	50.2	75.4	
182	4.0	2.6	4.0	#





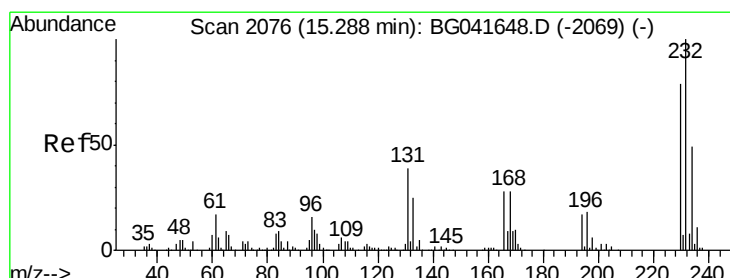
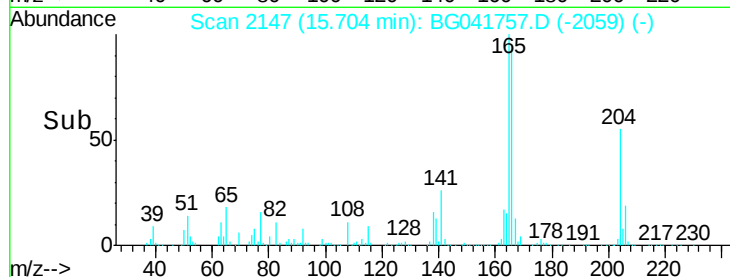
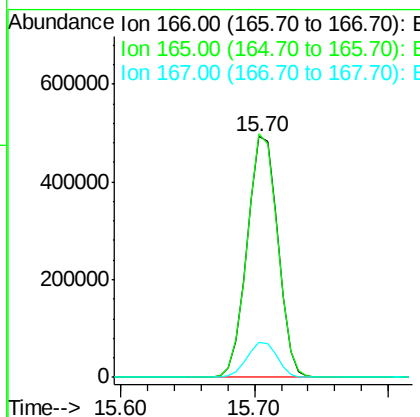
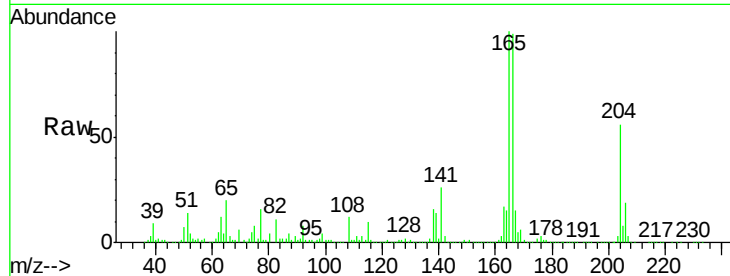
#58
 Fluorene
 Concen: 39.219 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	778118		
165	101.1	80.5	120.7	
167	14.7	12.4	18.6	

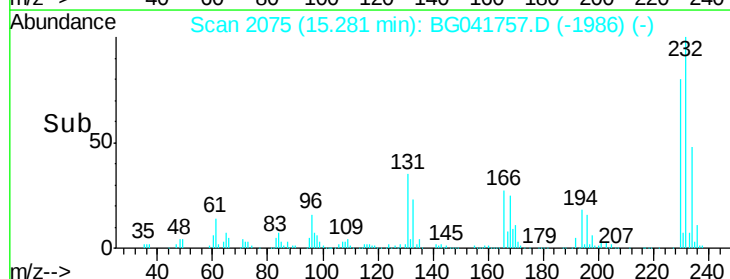
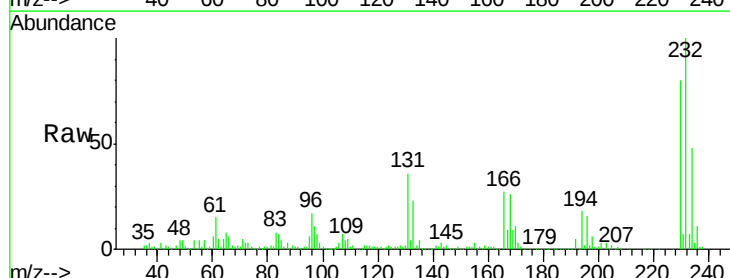
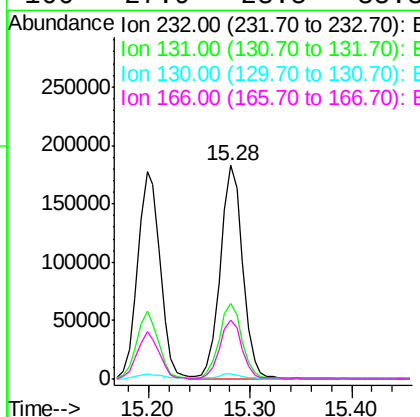
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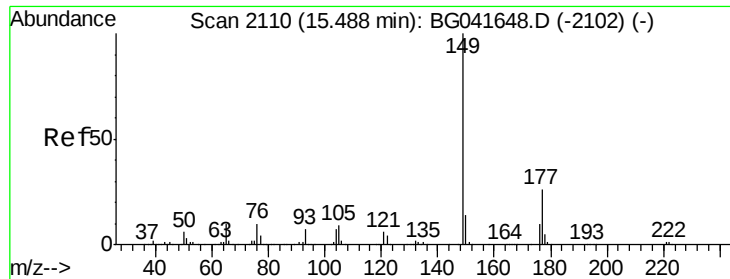
mohammad
 7/24/2019 11:35:30 AM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.910 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	280101		
131	35.0	31.8	47.6	
130	2.8	1.8	2.8#	
166	27.9	23.5	35.3	





#60

Diethylphthalate

Concen: 37.400 ng

RT: 15.47 min Scan# 2108

Delta R.T. -0.02 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

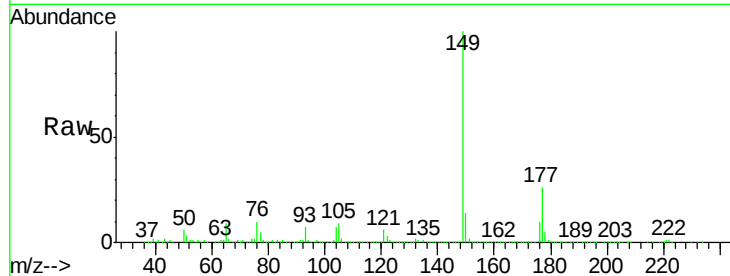
ClientSampleId :

TP-1SMS

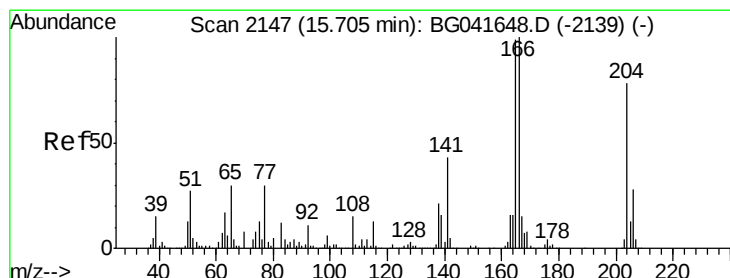
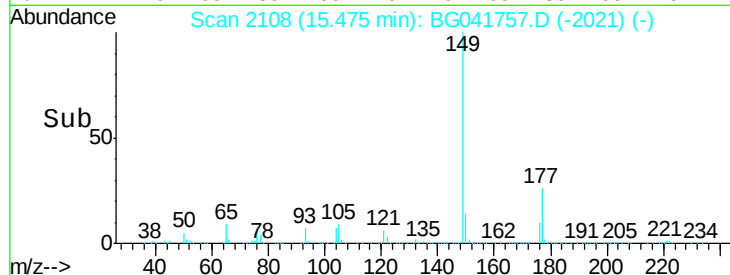
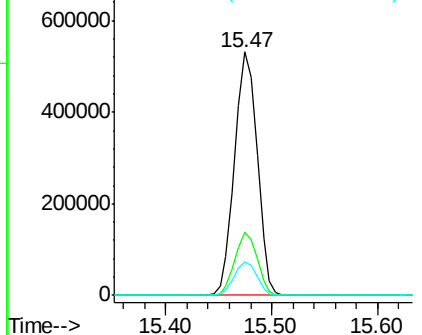
Tot Ion:	149	Resp:	782795
Ion Ratio	Lower	Upper	
149	100		
177	26.2	20.7	31.1
150	14.0	11.5	17.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 40.828 ng

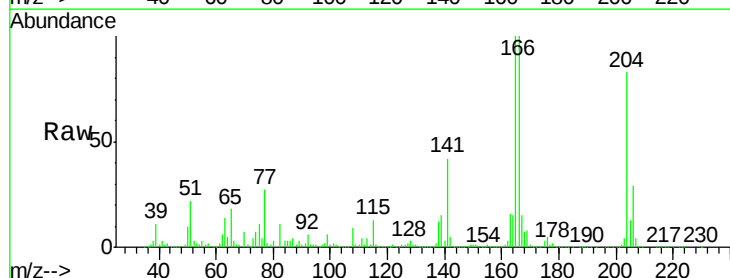
RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

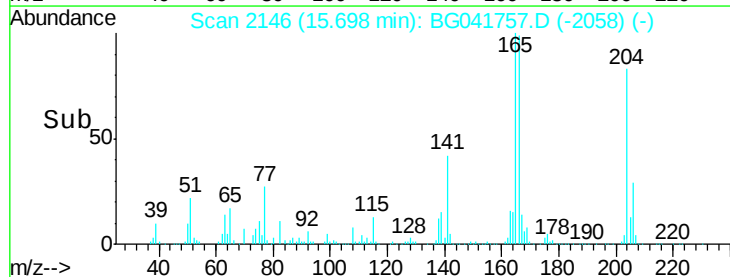
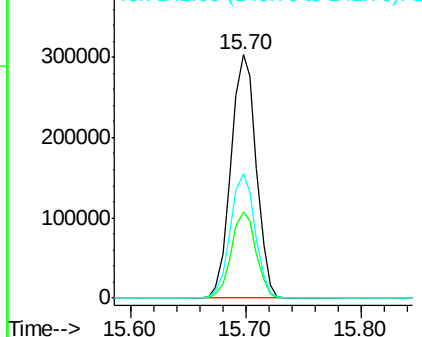
Lab File: BG041757.D

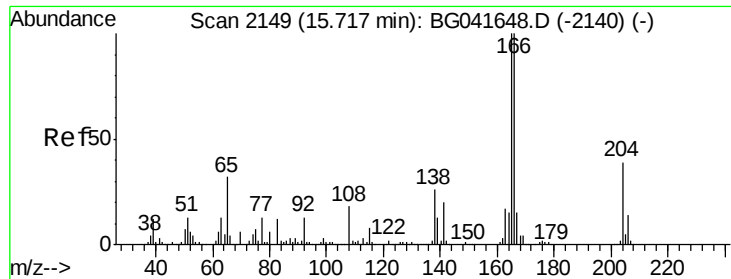
Acq: 23 Jul 2019 15:54

Tgt Ion:	204	Resp:	457890
Ion Ratio	Lower	Upper	
204	100		
206	35.4	28.6	42.8
141	51.1	42.9	64.3



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





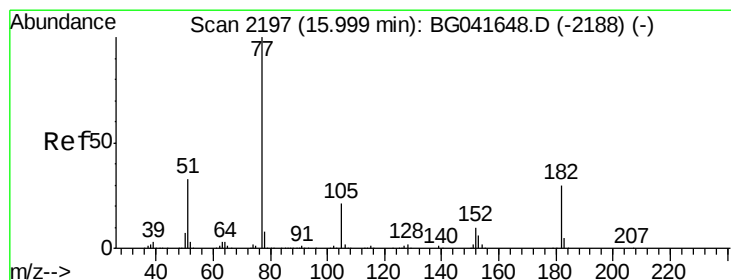
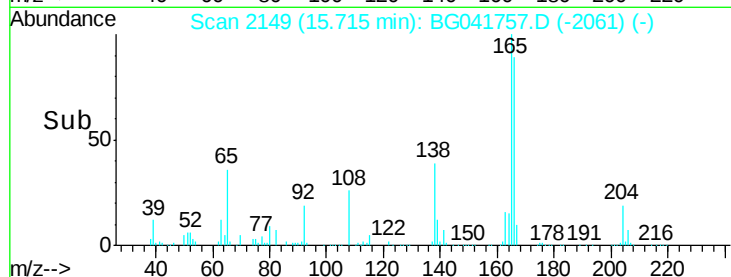
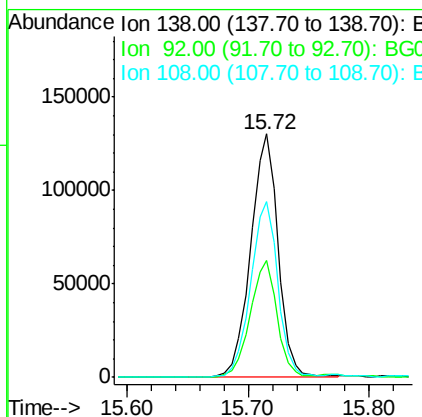
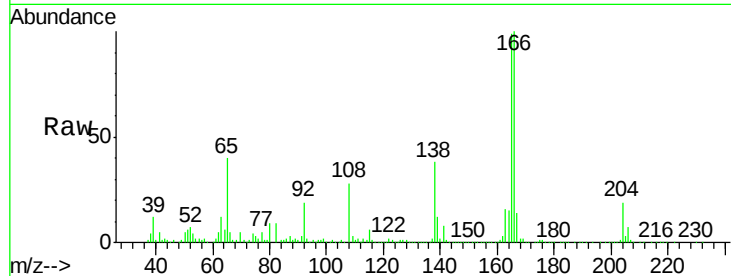
#62
4-Nitroaniline
Concen: 40.233 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	205271		
92	48.1	29.8	69.8	
108	72.3	52.2	92.2	

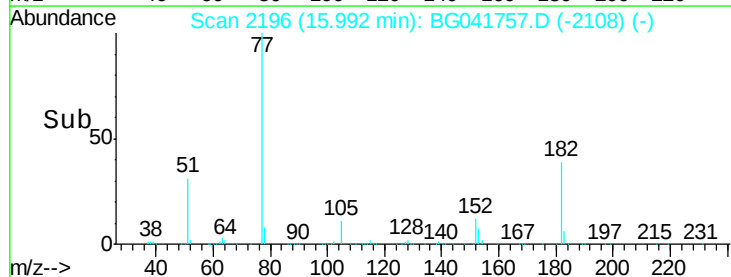
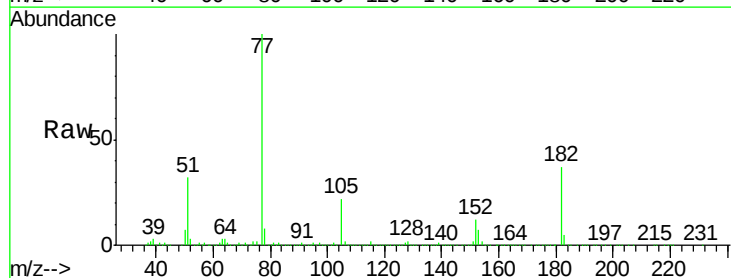
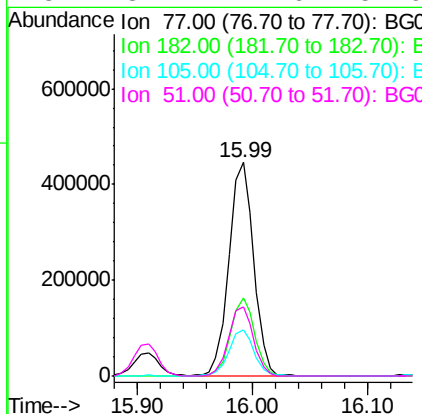
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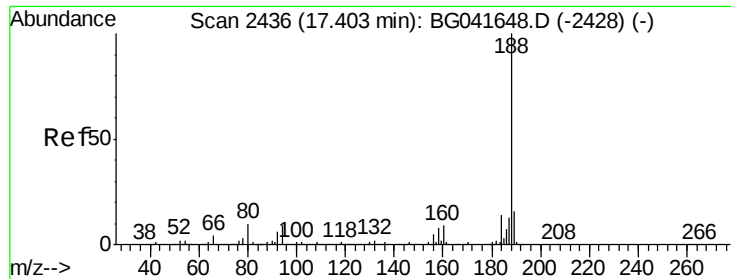
mohammad
7/24/2019 11:35:30 AM



#63
Azobenzene
Concen: 34.761 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	657763		
182	36.9	13.2	53.2	
105	21.8	2.2	42.2	
51	32.1	14.6	54.6	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

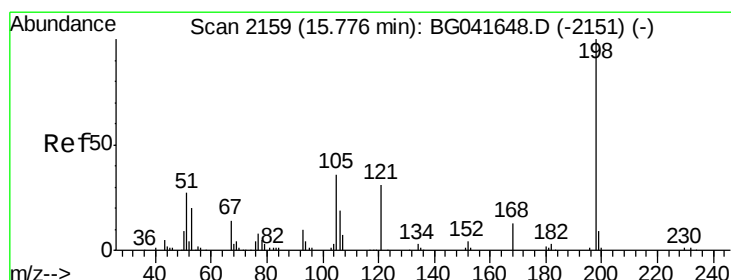
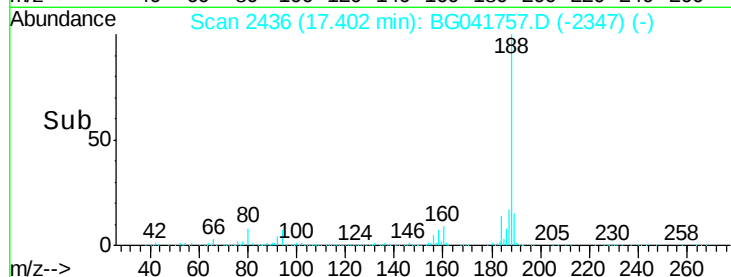
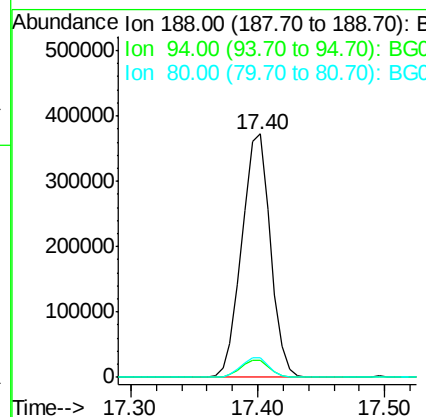
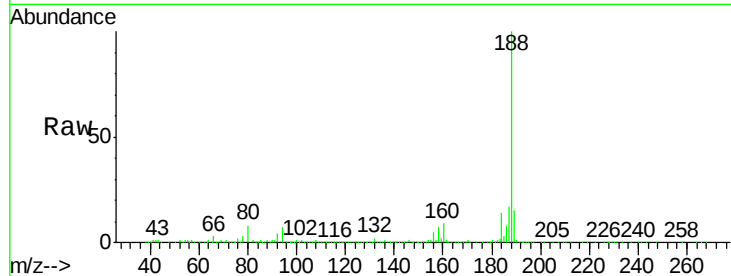
ClientSampleId :

TP-1SMS

Tot Ion:	188	Resp:	581416
Ion Ratio	Lower	Upper	
188	100		
94	6.9	6.9	10.3
80	7.9	8.0	12.0#

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#65

4,6-Dinitro-2-methylphenol

Concen: 42.230 ng

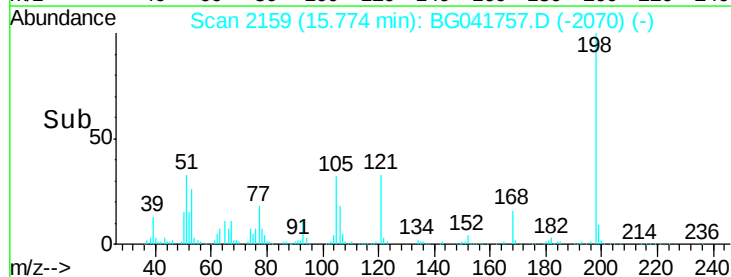
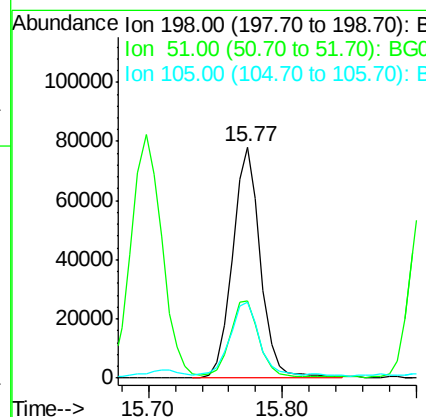
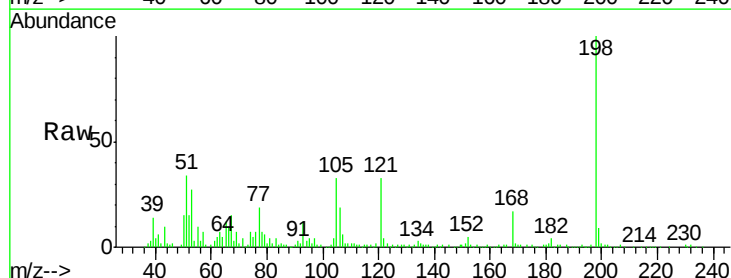
RT: 15.77 min Scan# 2159

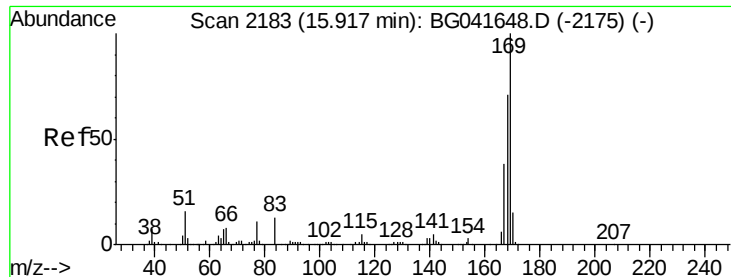
Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion:	198	Resp:	113986
Ion Ratio	Lower	Upper	
198	100		
51	33.6	22.3	62.3
105	32.8	18.0	58.0





#66

n-Nitrosodiphenylamine

Concen: 43.710 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

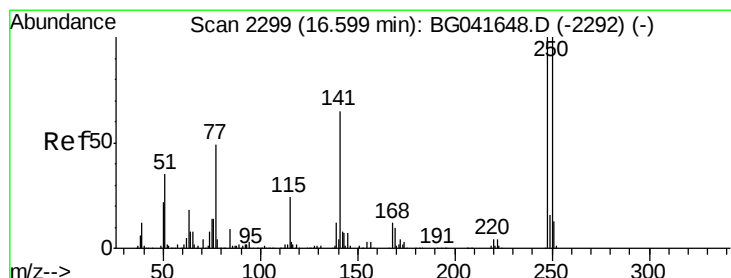
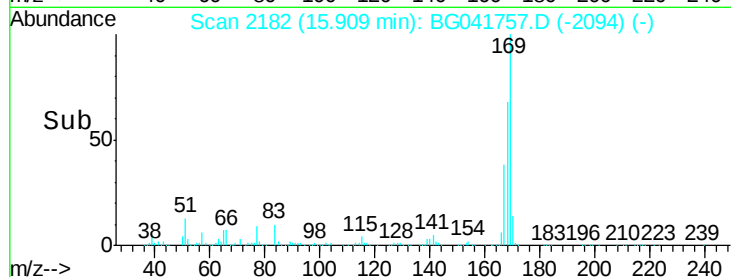
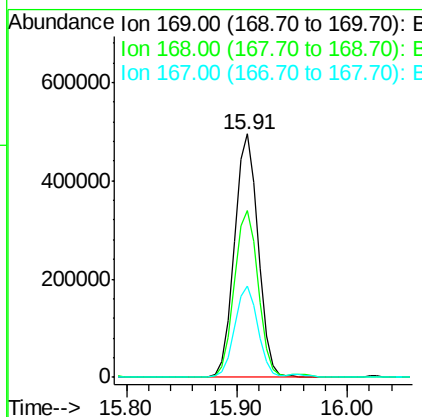
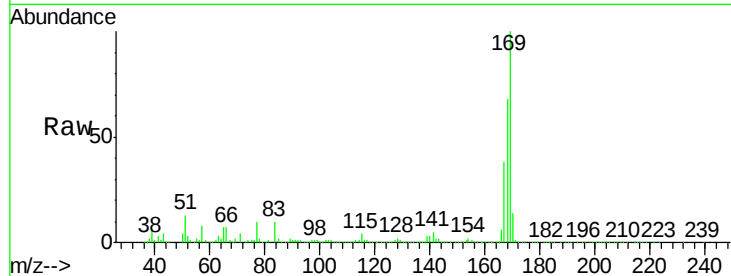
ClientSampleId :

TP-1SMS

Tot Ion:	169	Resp:	746304
Ion Ratio	Lower	Upper	
169	100		
168	68.3	56.9	85.3
167	37.6	31.5	47.3

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#67

4-Bromophenyl-phenylether

Concen: 44.865 ng

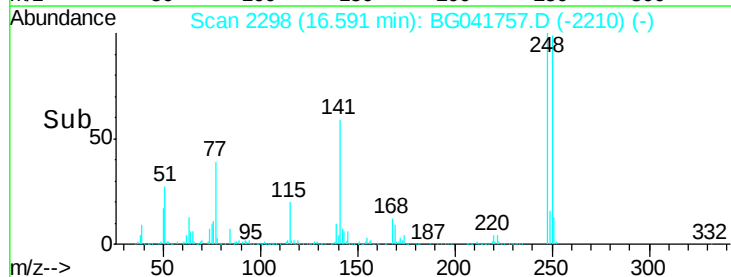
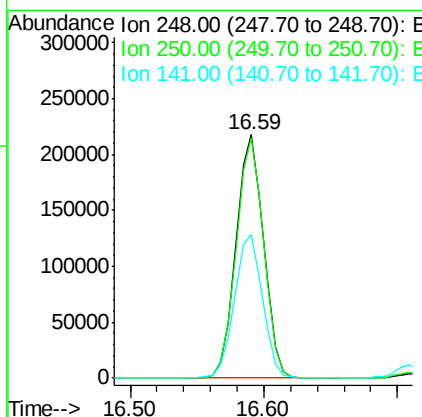
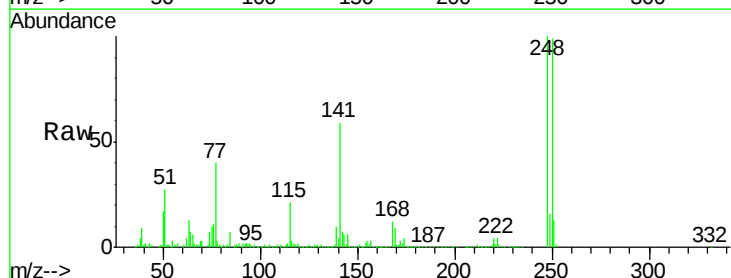
RT: 16.59 min Scan# 2298

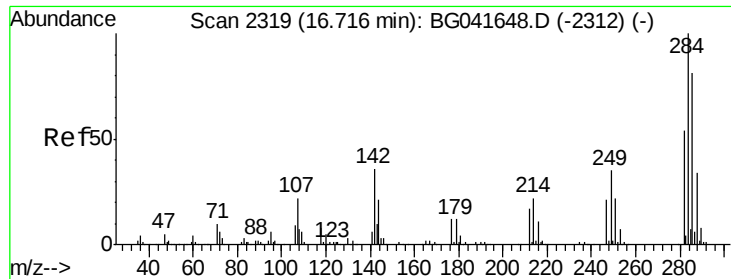
Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion:	248	Resp:	310382
Ion Ratio	Lower	Upper	
248	100		
250	98.6	78.1	117.1
141	58.8	49.6	74.4





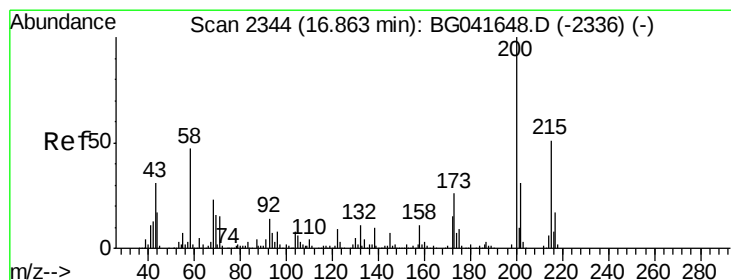
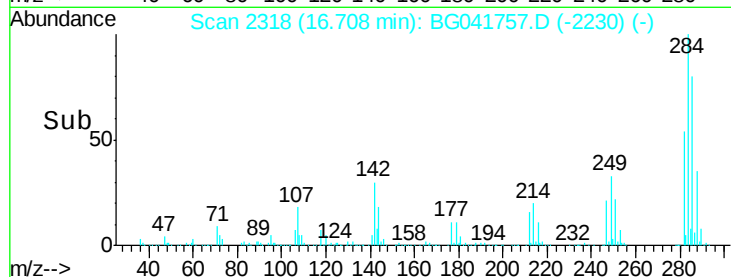
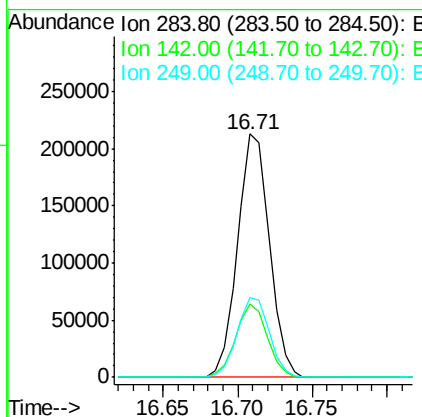
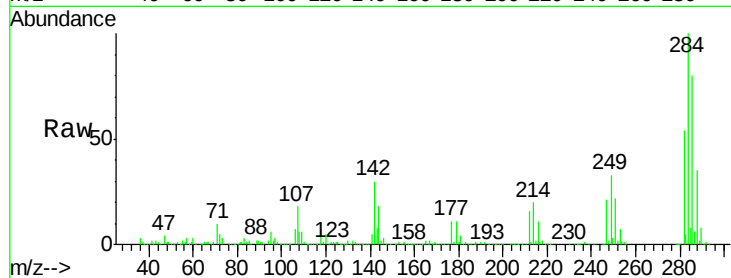
#68
Hexachlorobenzene
Concen: 45.326 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	315760		
142	30.0		27.0	40.6
249	32.9		28.4	42.6

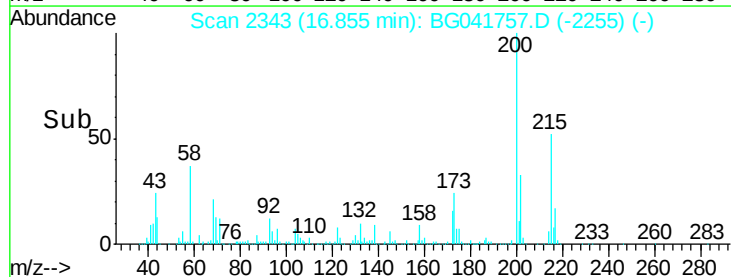
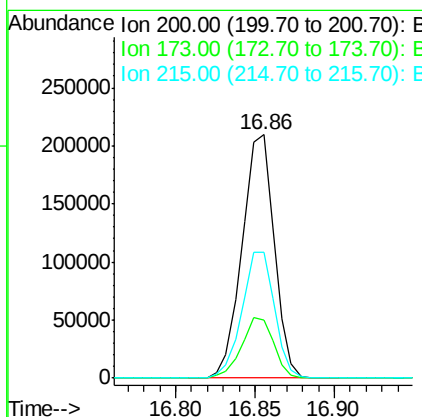
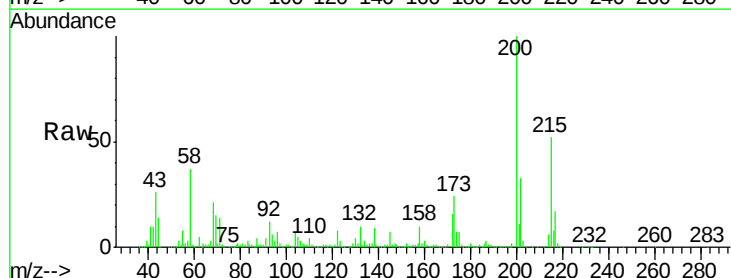
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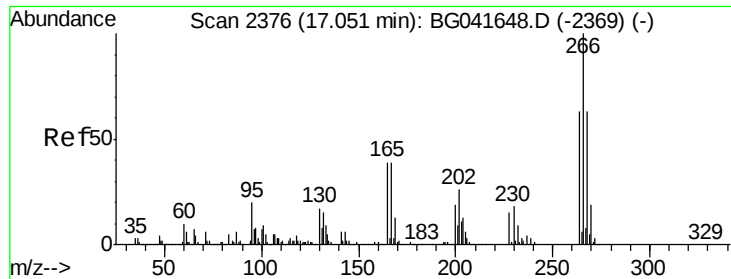
mohammad
7/24/2019 11:35:30 AM



#69
Atrazine
Concen: 47.565 ng
RT: 16.86 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	294717		
173	24.0		5.3	45.3
215	51.9		31.8	71.8





#70

Pentachlorophenol

Concen: 96.018 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

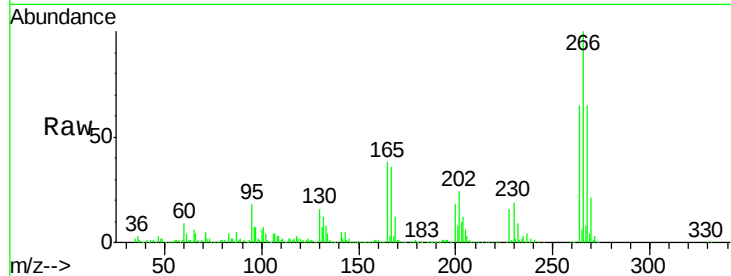
ClientSampleId :

TP-1SMS

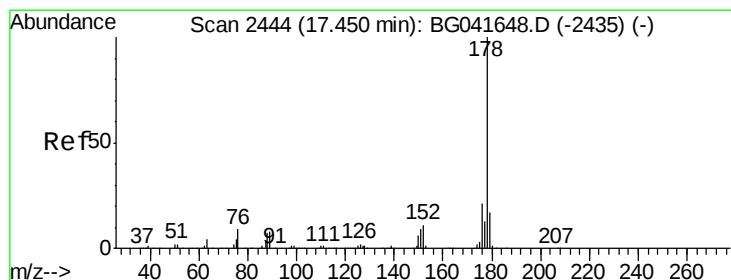
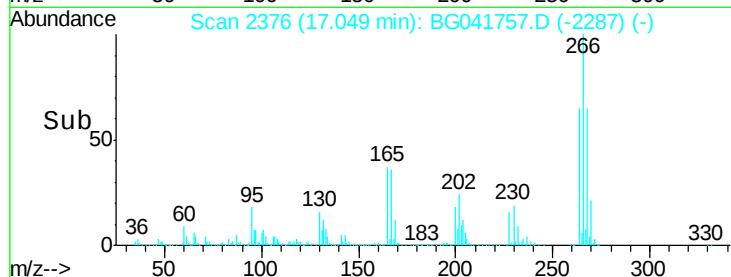
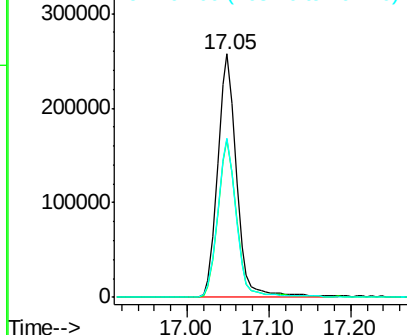
Tot Ion:	266	Resp:	418243
Ion Ratio		Lower	Upper
266	100		
268	65.0	52.9	79.3
264	65.2	51.4	77.2

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 43.375 ng

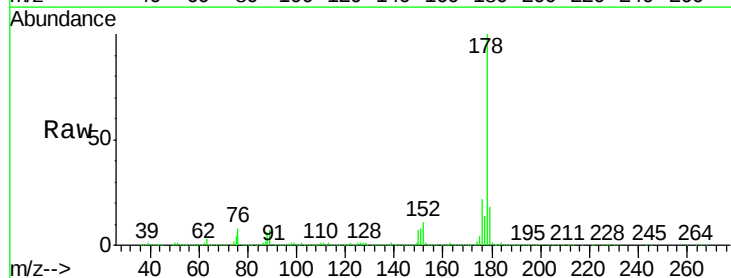
RT: 17.44 min Scan# 2443

Delta R.T. -0.01 min

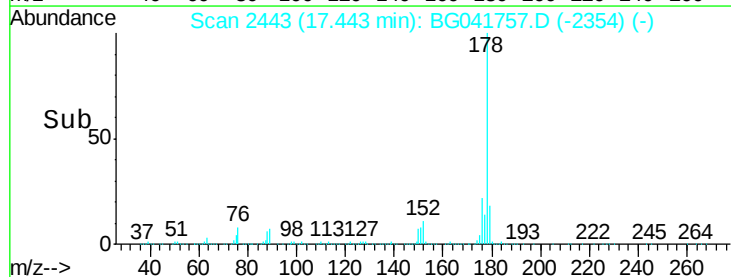
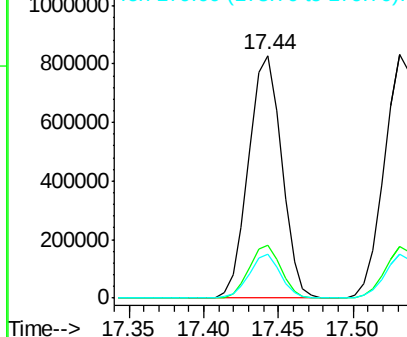
Lab File: BG041757.D

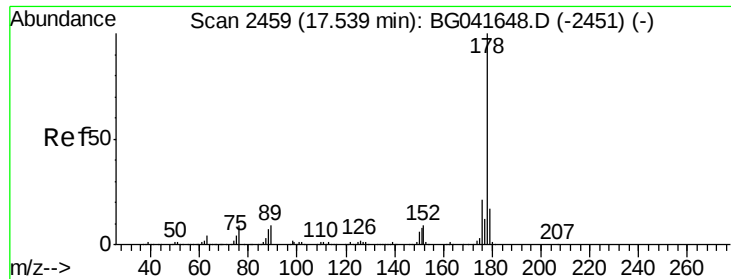
Acq: 23 Jul 2019 15:54

Tgt Ion:	178	Resp:	1270037
Ion Ratio		Lower	Upper
178	100		
176	21.6	18.6	28.0
179	18.2	15.4	23.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 44.954 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

ClientSampled :

TP-1SMS

Tot Ion:178 Resp: 1312061

Ion Ratio Lower Upper

178 100

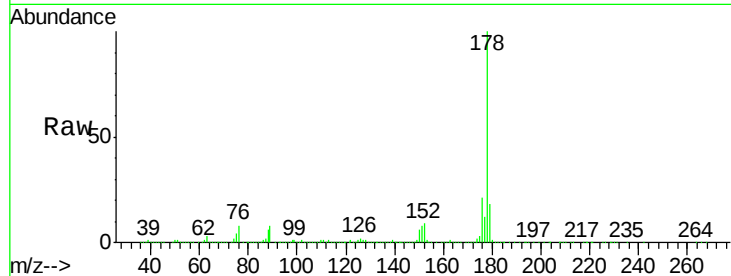
176 21.3 18.6 28.0

179 18.2 15.1 22.7

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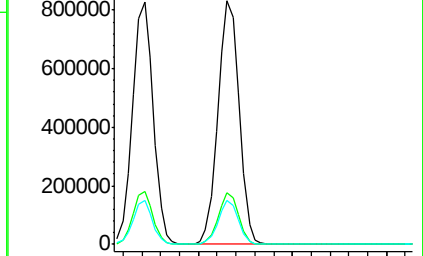
7/24/2019 11:35:30 AM



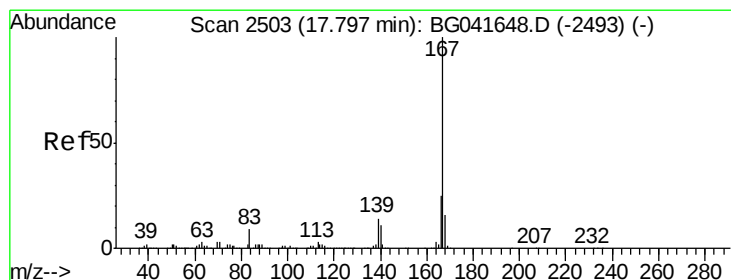
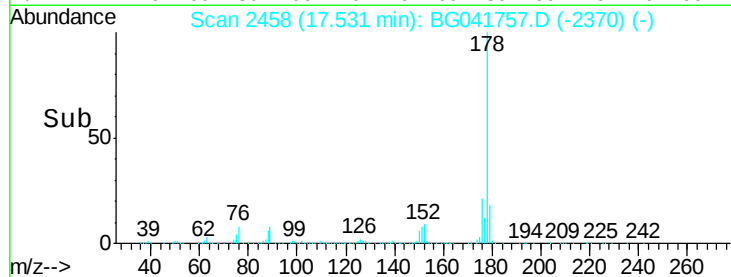
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 43.633 ng

RT: 17.80 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

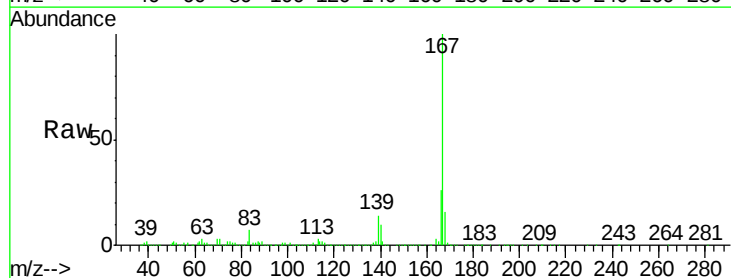
Tgt Ion:167 Resp: 1181078

Ion Ratio Lower Upper

167 100

166 25.7 21.4 32.2

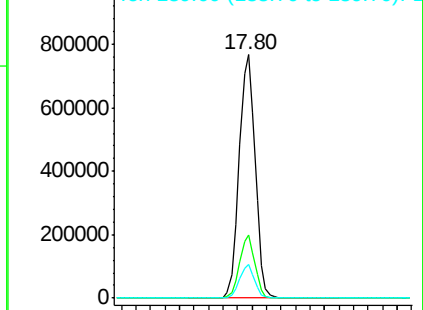
139 13.8 12.1 18.1



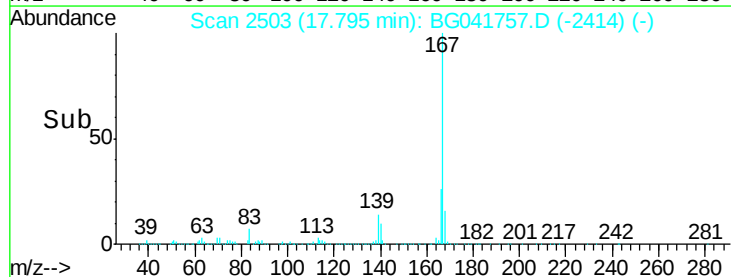
Abundance Ion 167.00 (166.70 to 167.70): E

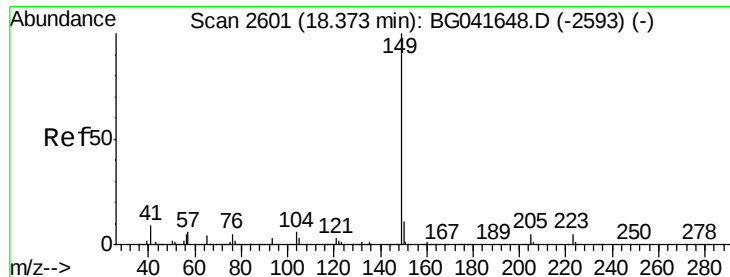
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





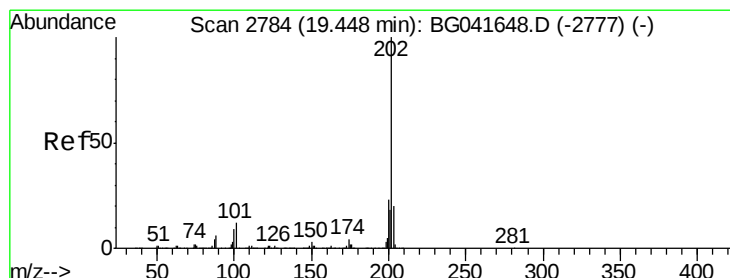
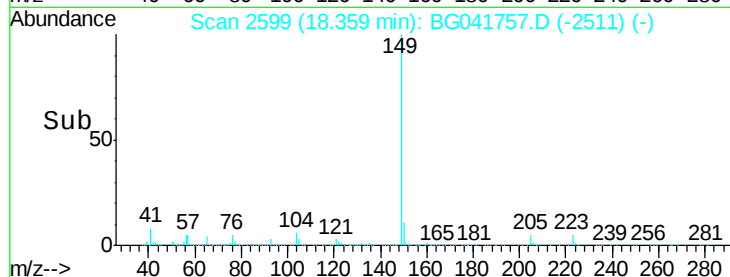
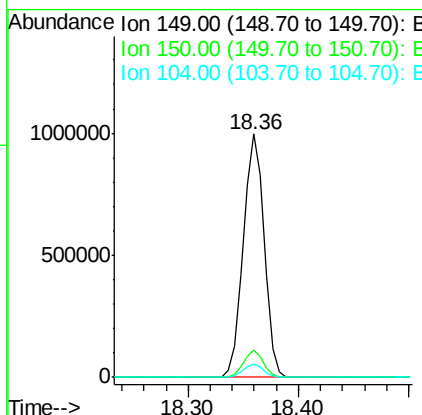
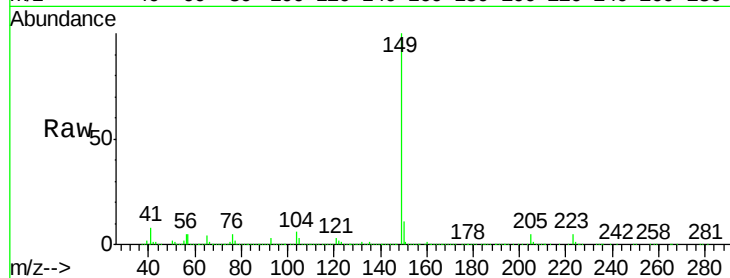
#74
Di-n-butylphthalate
Concen: 40.170 ng
RT: 18.36 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	11.4	10.2	15.2
104	5.6	5.3	7.9

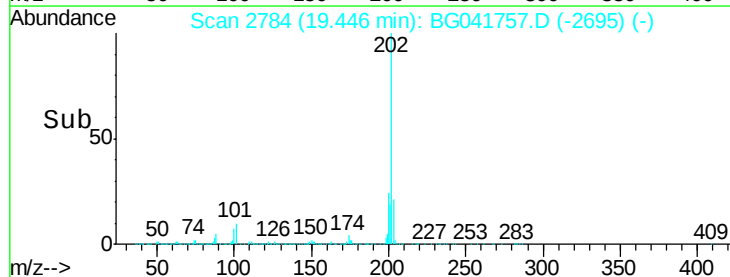
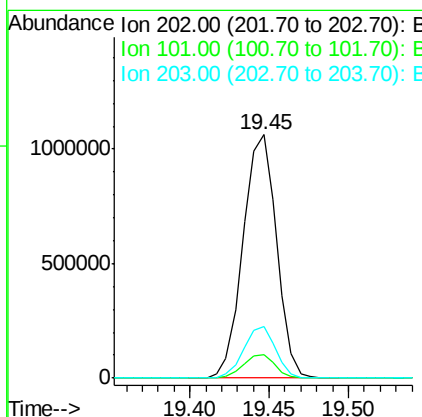
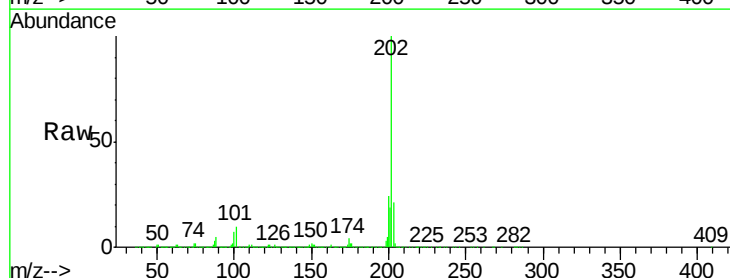
Manual Integrations
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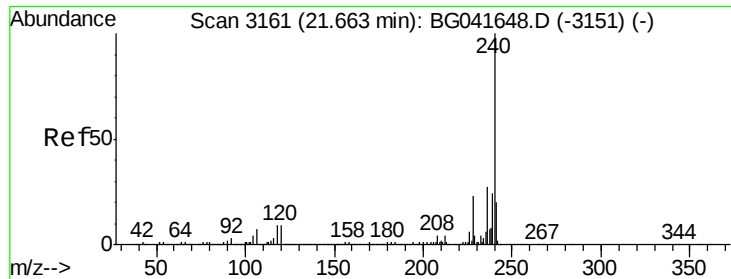
mohammad
7/24/2019 11:35:30 AM



#75
Fluoranthene
Concen: 43.354 ng
RT: 19.45 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.8
203	21.1	3.7	43.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

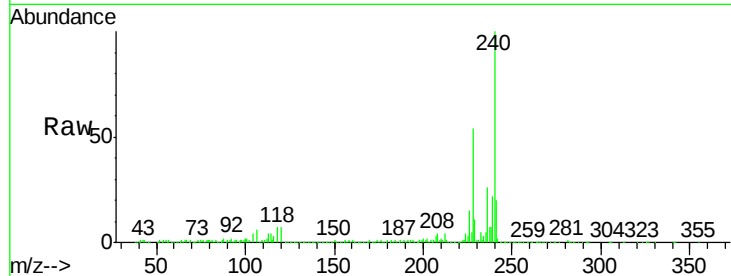
ClientSampleId :

TP-1SMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	8.0	12.0#
236	26.4	22.6	33.8

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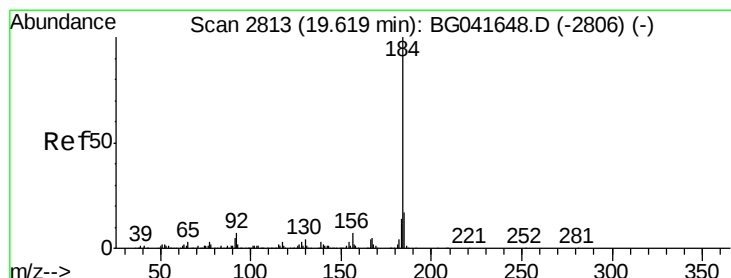
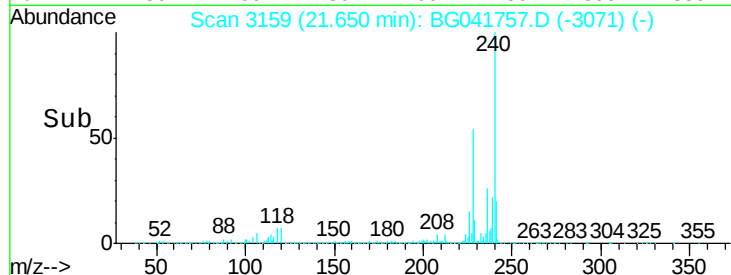
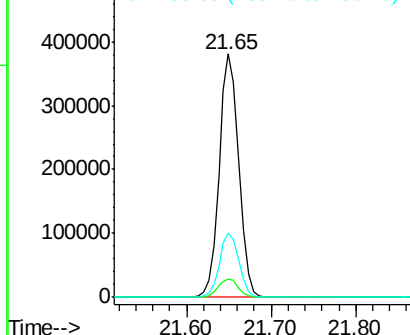


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 26.383 ng

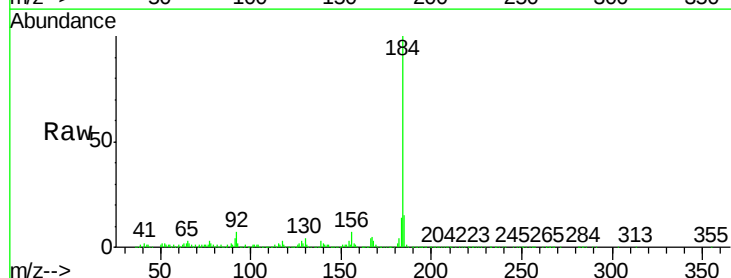
RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.0	19.4
183	14.1	11.8	17.6

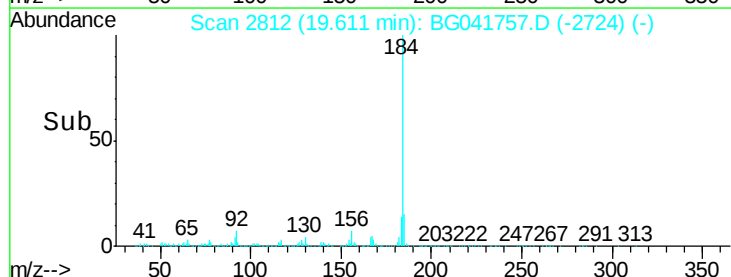
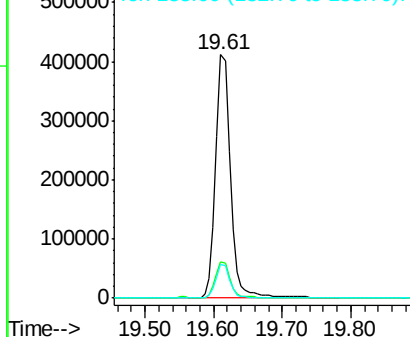


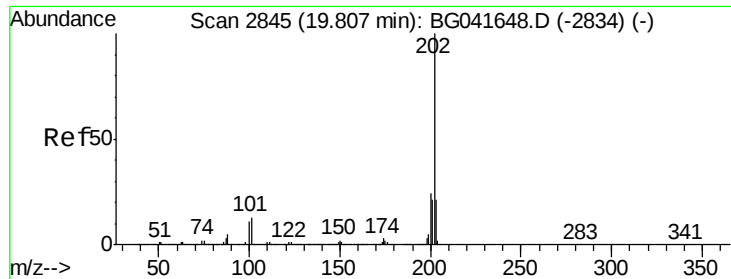
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





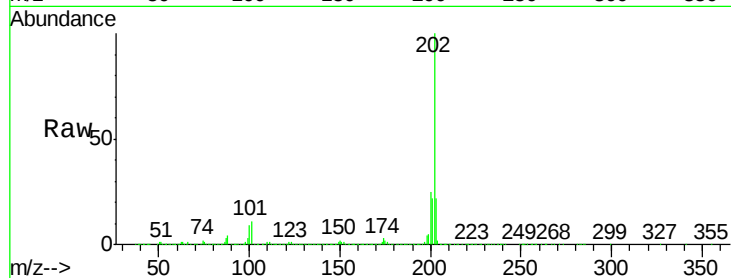
#78
Pvrene
Concen: 38.332 ng
RT: 19.80 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

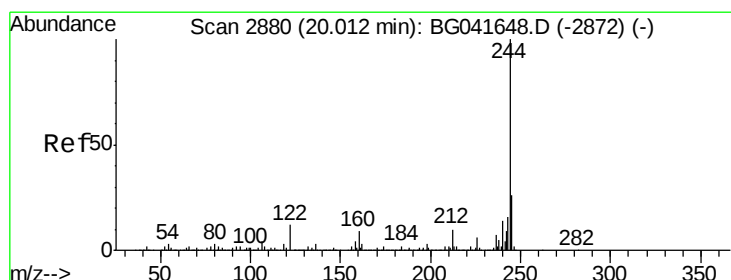
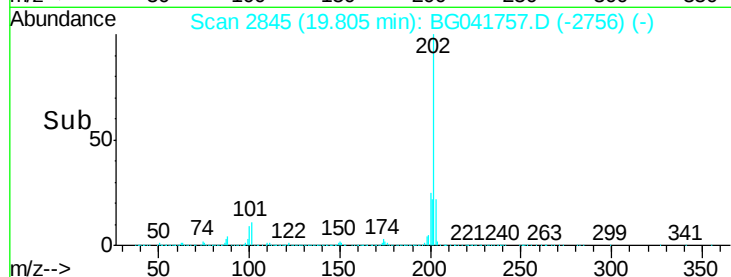
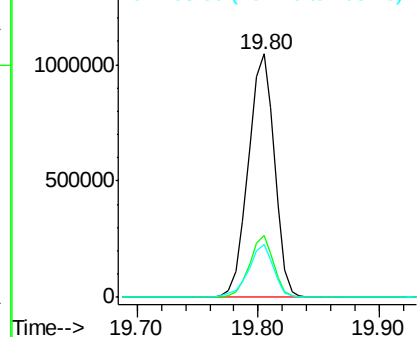
Tot Ion	Ratio	Lower	Upper
202	100		
200	25.2	22.2	33.2
203	21.6	18.9	28.3

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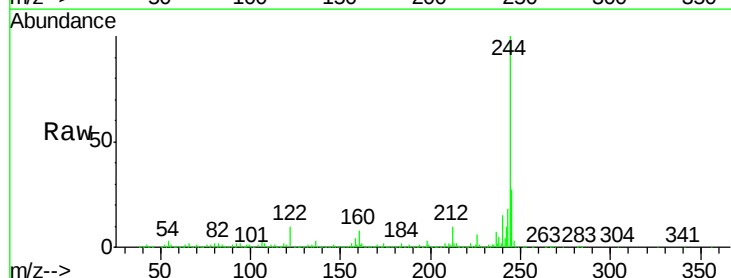


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

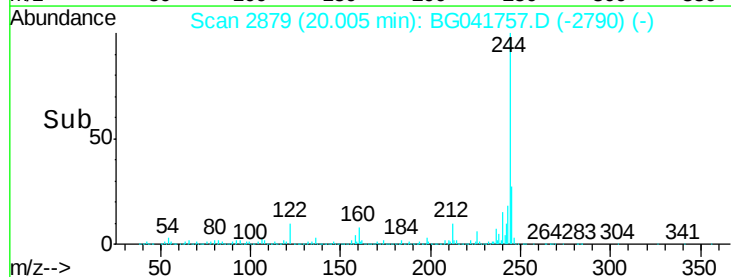
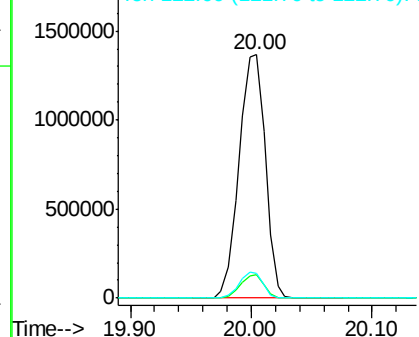


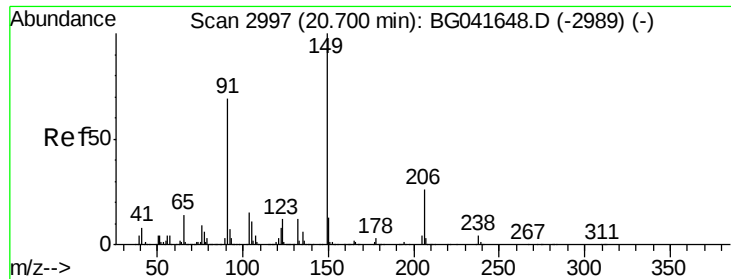
#79
Terphenyl-d14
Concen: 79.463 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	9.7	14.5#
122	10.1	12.5	18.7#



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





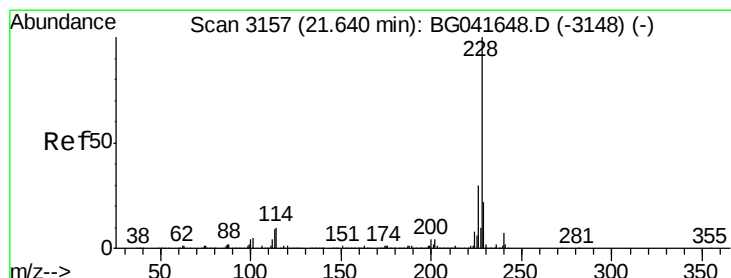
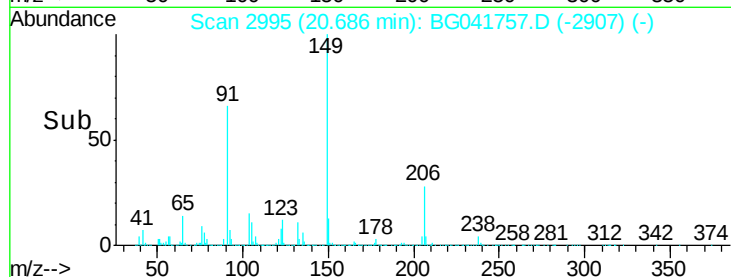
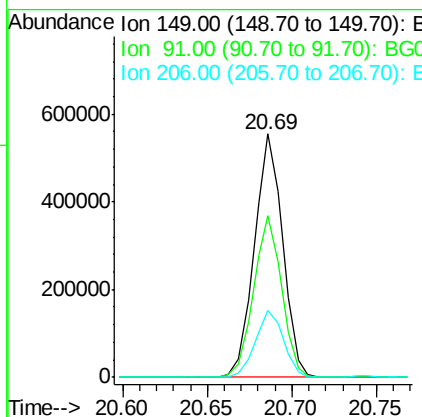
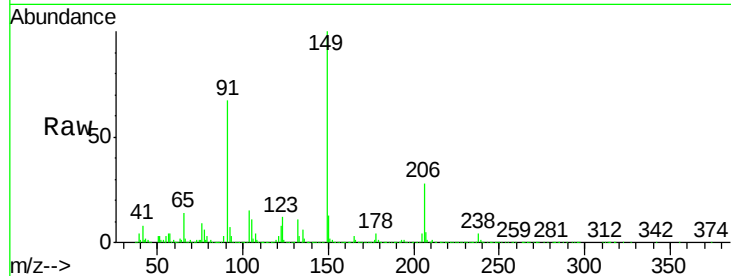
#80
Butylbenzylphthalate
Concen: 37.378 ng
RT: 20.69 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	58.9	88.3
206	27.7	20.8	31.2

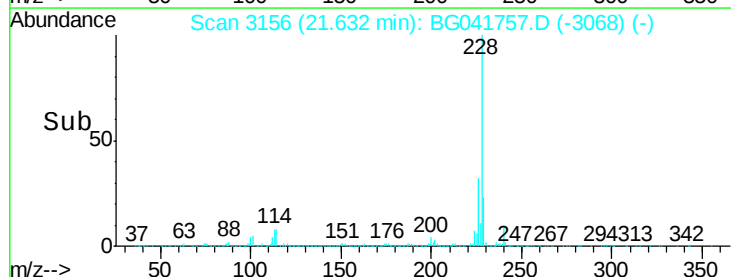
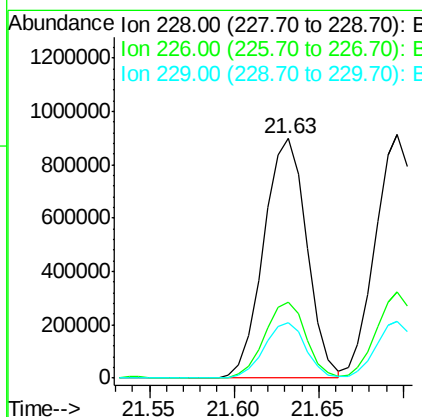
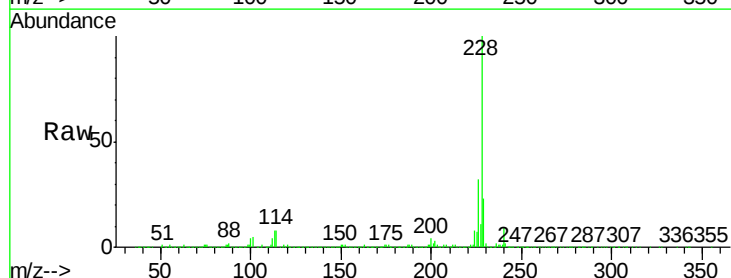
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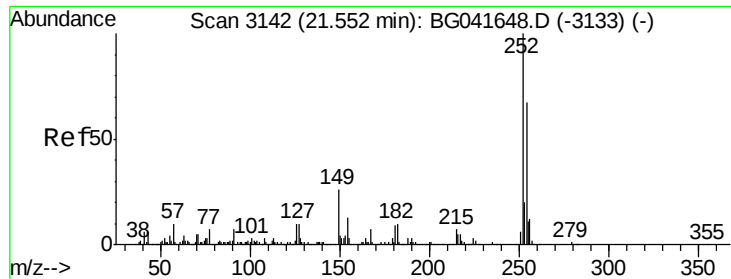
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#81
Benzo(a)anthracene
Concen: 40.355 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	27.3	40.9
229	23.0	19.7	29.5





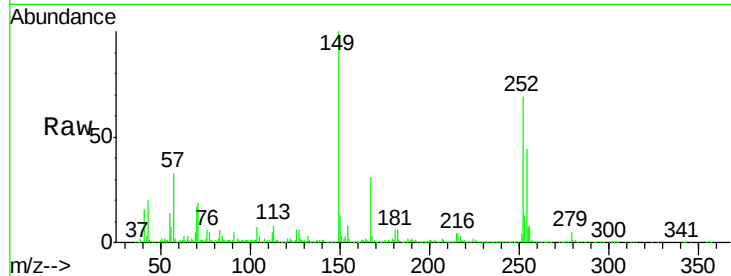
#82
 3,3'-Dichlorobenzidine
 Concen: 28.570 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.02 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMS

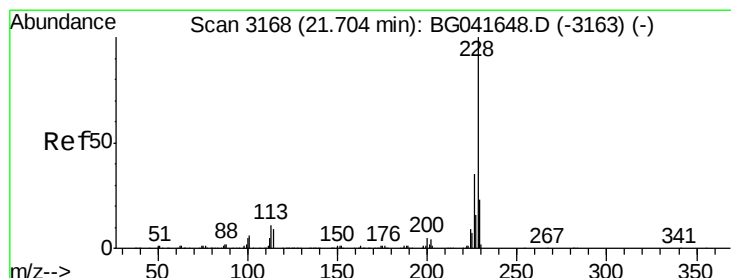
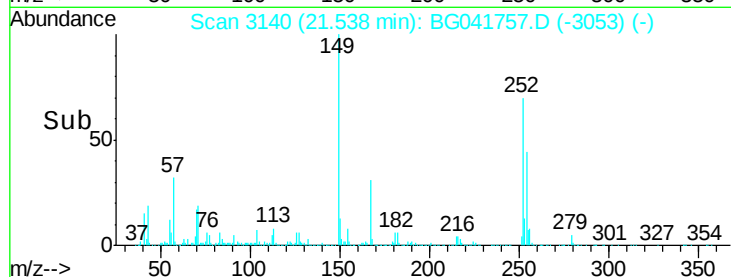
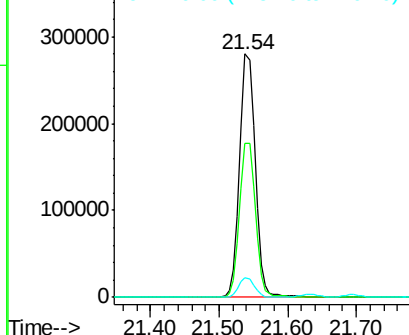
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	53.8	80.6
126	8.2	7.8	11.8

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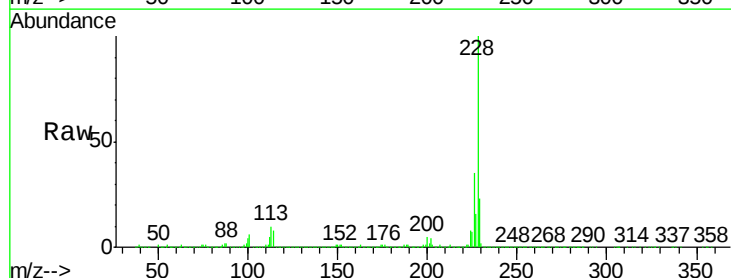


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

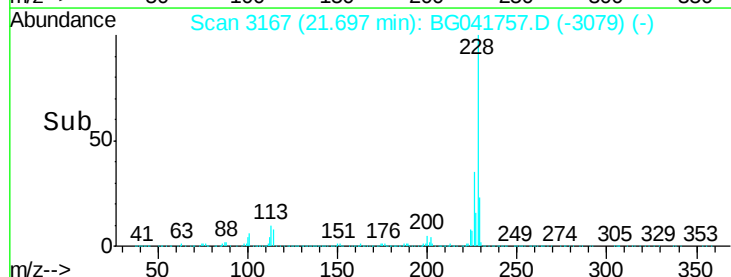
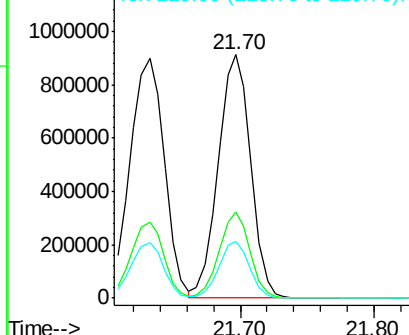


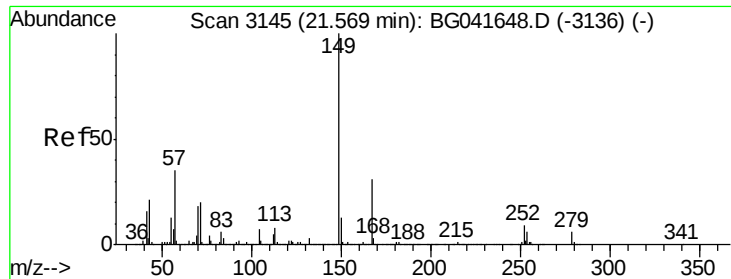
#83
 Chrysene
 Concen: 41.074 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.1	30.1	45.1
229	23.1	19.8	29.6



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 38.116 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

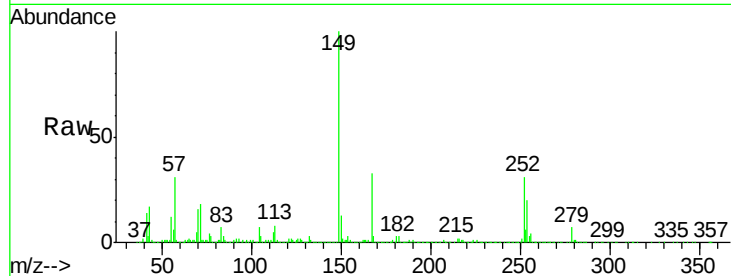
ClientSampleId :

TP-1SMS

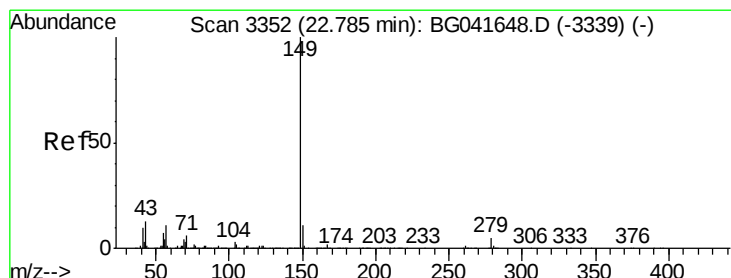
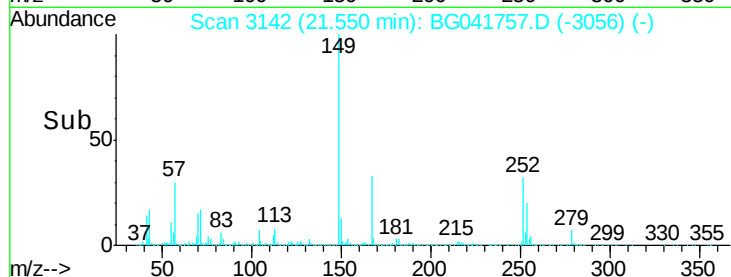
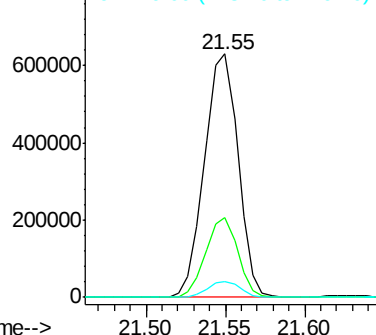
Tot Ion:	149	Resp:	924022
Ion Ratio		Lower	Upper
149	100		
167	32.6	27.0	40.4
279	6.7	5.0	7.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 38.372 ng

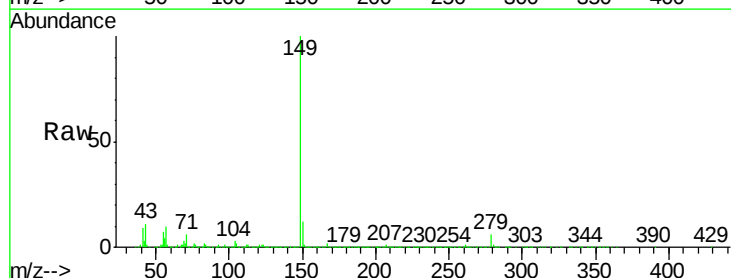
RT: 22.75 min Scan# 3347

Delta R.T. -0.03 min

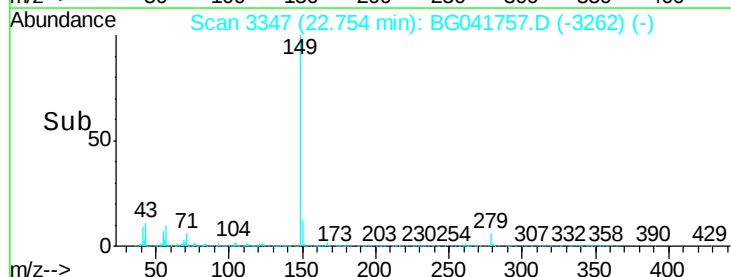
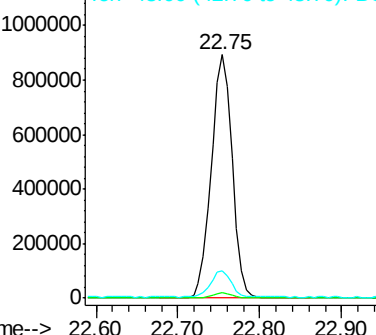
Lab File: BG041757.D

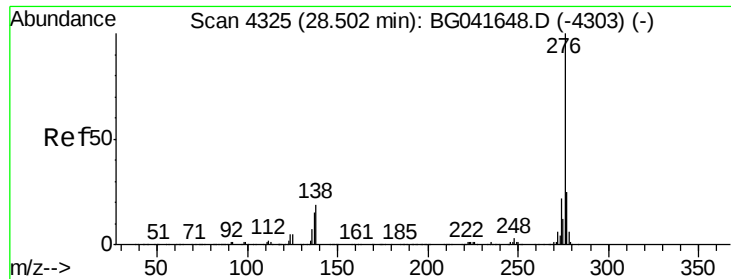
Acq: 23 Jul 2019 15:54

Tgt Ion:	149	Resp:	1584151
Ion Ratio		Lower	Upper
149	100		
167	1.9	1.6	2.4
43	10.7	10.6	16.0



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





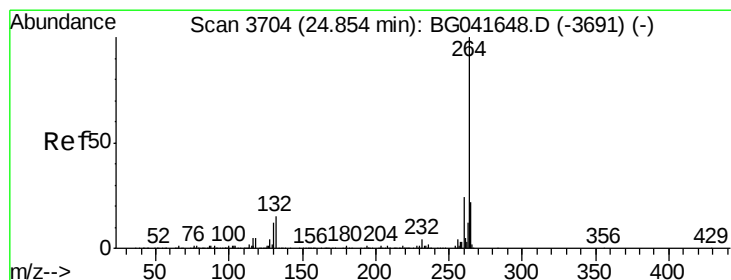
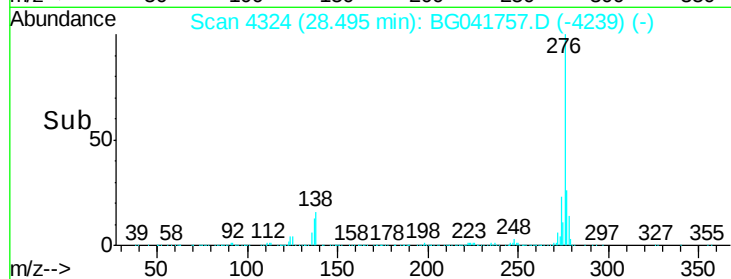
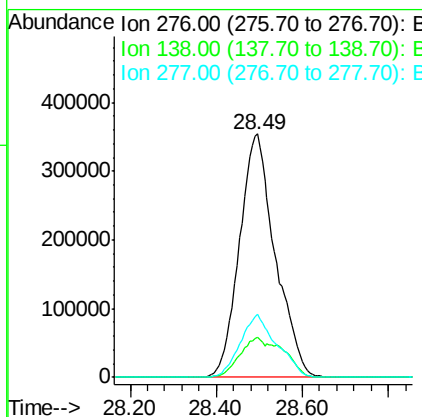
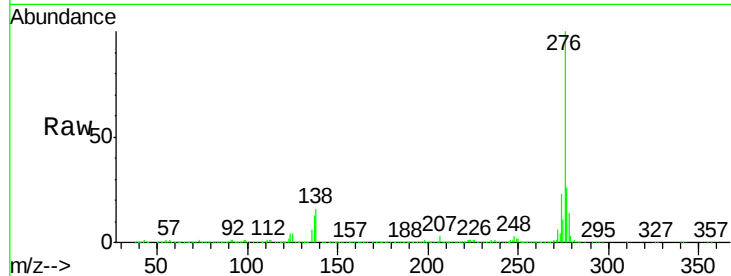
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.526 ng
RT: 28.49 min Scan# 4324
Delta R.T. -0.03 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion:276 Resp: 2066587
Ion Ratio Lower Upper
276 100
138 19.6 19.4 29.0
277 26.4 21.2 31.8

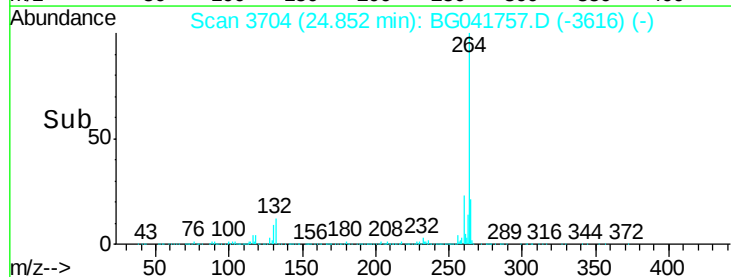
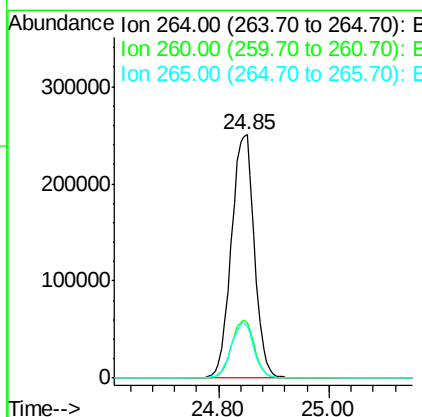
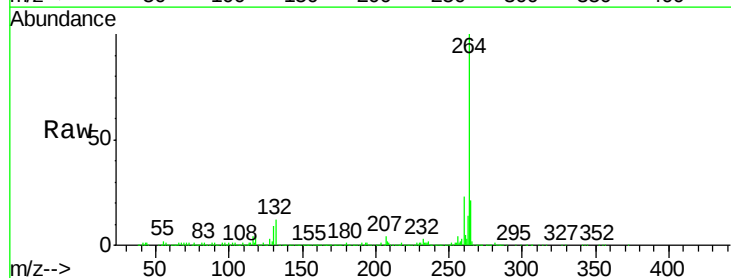
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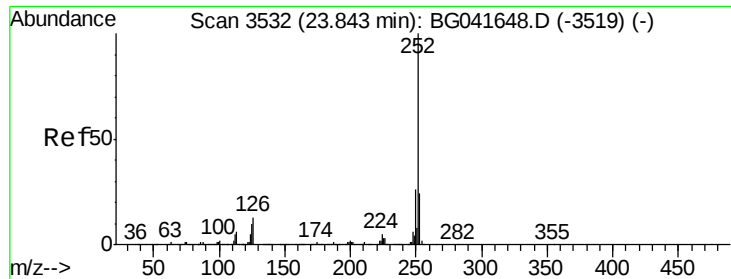
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion:264 Resp: 729299
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 21.2 18.0 27.0





#88

Benzo(b)fluoranthene

Concen: 40.049 ng

RT: 23.84 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

Instrument :

BNA_G

ClientSampleId :

TP-1SMS

Tot Ion:252 Resp: 1771652

Ion Ratio Lower Upper

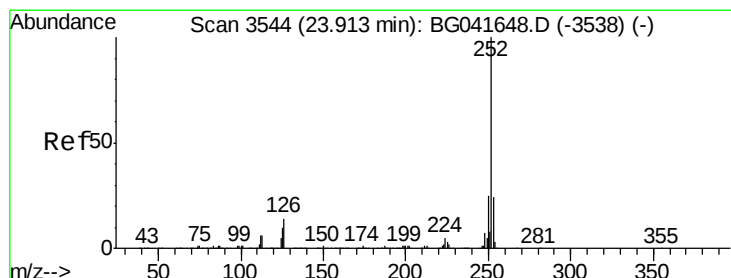
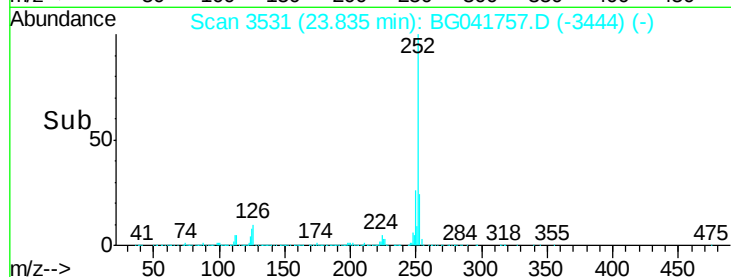
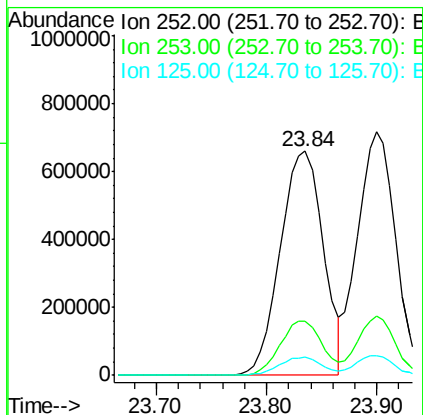
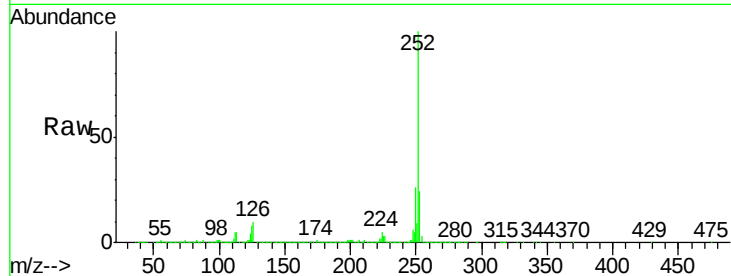
252 100

253 24.0 20.6 30.8

125 8.4 8.0 12.0

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#89

Benzo(k)fluoranthene

Concen: 41.934 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.02 min

Lab File: BG041757.D

Acq: 23 Jul 2019 15:54

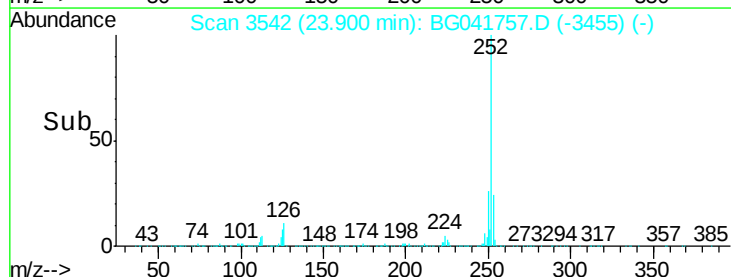
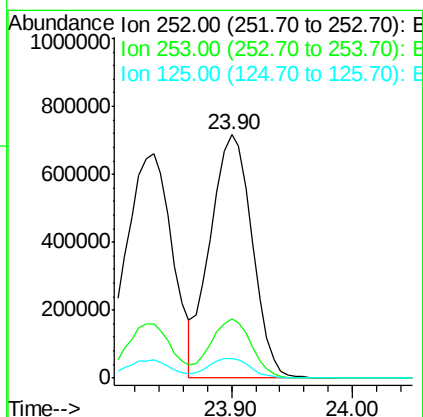
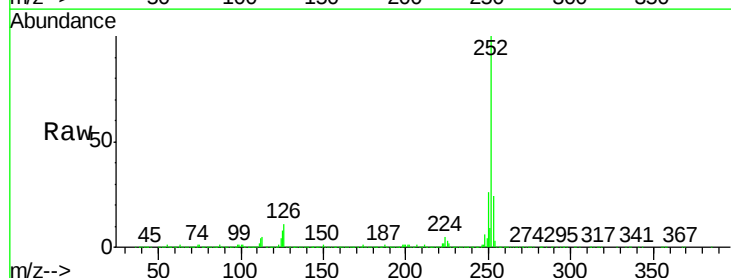
Tgt Ion:252 Resp: 1718900

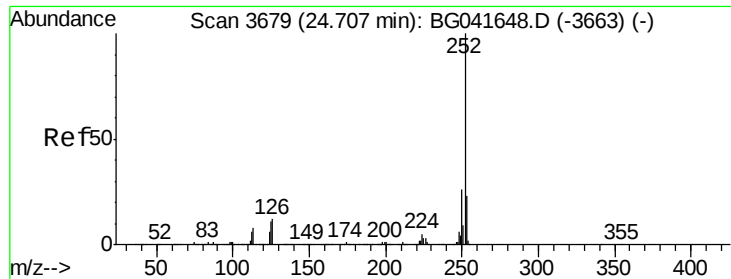
Ion Ratio Lower Upper

252 100

253 24.4 20.5 30.7

125 8.1 8.4 12.6#





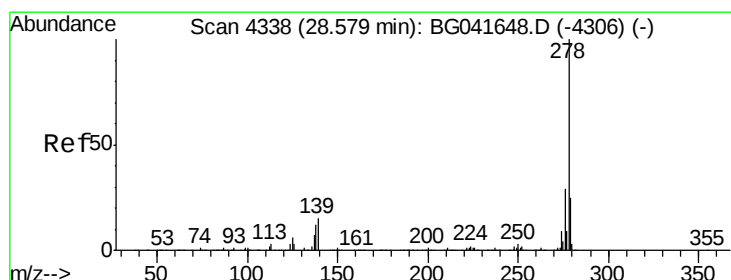
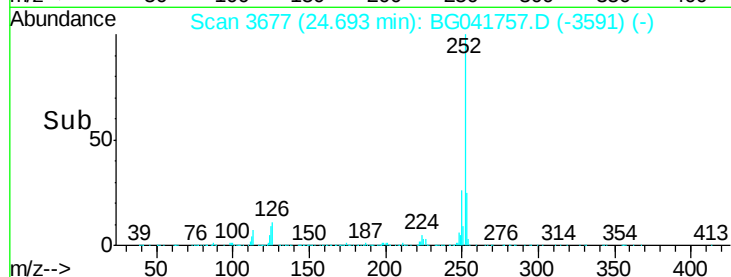
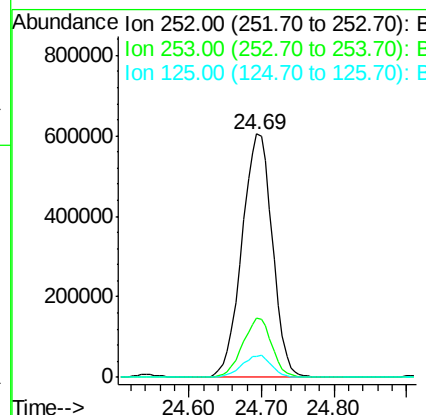
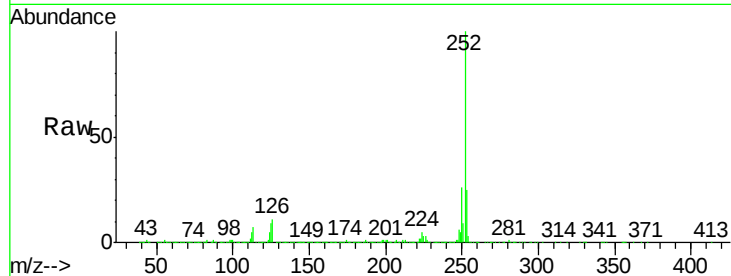
#90
Benzo(a)pyrene
Concen: 41.964 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.02 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Instrument :
BNA_G
ClientSampleId :
TP-1SMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.8	29.8
125	8.8	8.8	13.2

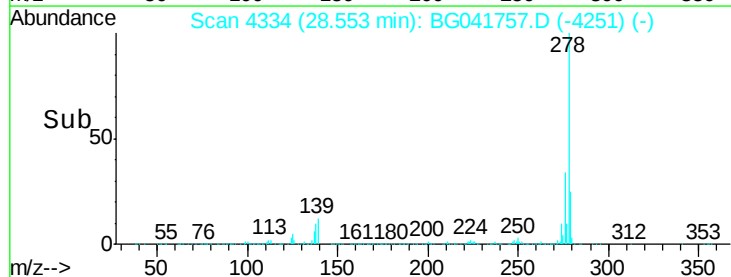
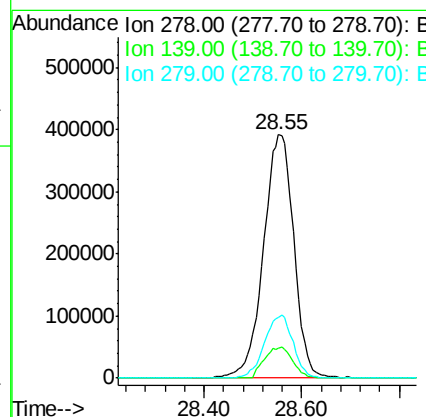
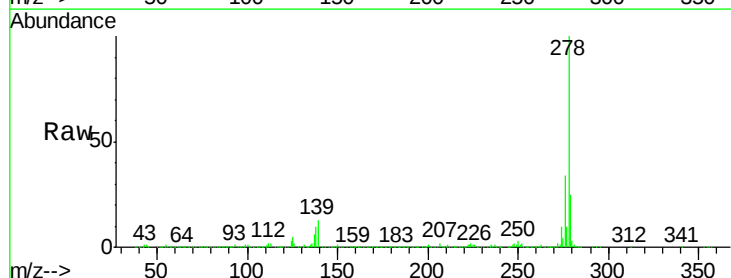
Manual Integrations
APPROVED

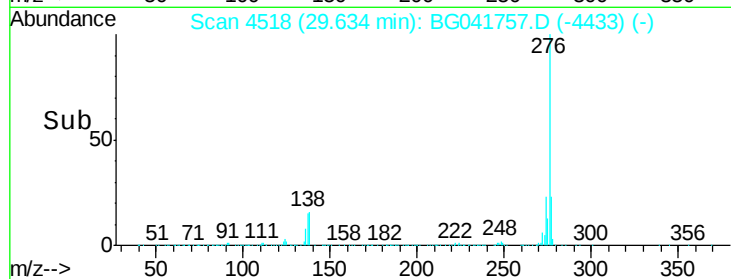
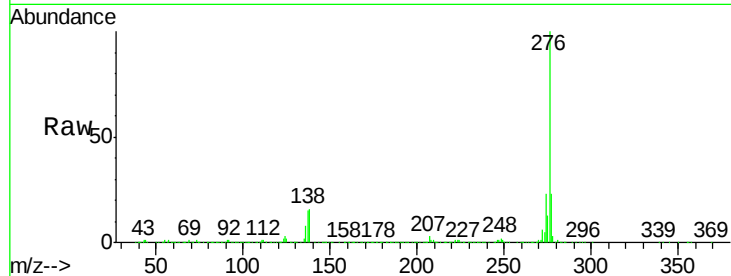
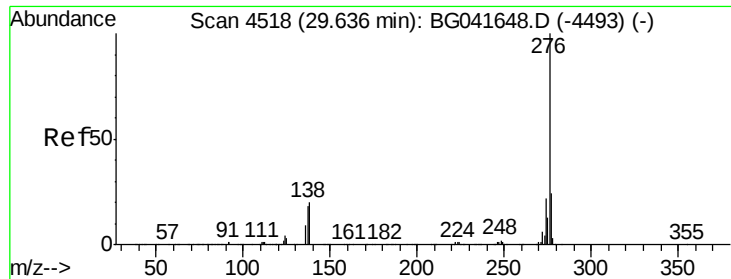
mohammad
7/24/2019 11:35:30 AM



#91
Dibenzo(a,h)anthracene
Concen: 41.665 ng
RT: 28.55 min Scan# 4334
Delta R.T. -0.04 min
Lab File: BG041757.D
Acq: 23 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	12.6	19.0#
279	25.0	20.5	30.7





#92
 Benzo(a,h,i)perylene
 Concen: 42.360 ng
 RT: 29.63 min Scan# 4518
 Delta R.T. -0.03 min
 Lab File: BG041757.D
 Acq: 23 Jul 2019 15:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.8	29.8
138	15.8	16.6	25.0

Manual Integrations
 APPROVED

mohammad
 7/24/2019 11:35:30 AM

