

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
 Data File : BG041758.D
 Acq On : 23 Jul 2019 16:33
 Operator : HP/JU
 Sample : K3934-11MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

mohammad
 7/24/2019 11:35:32 AM

Quant Time: Jul 24 04:26:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	99791	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	380461	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	262554	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	582090	20.00	ng	0.00
76) Chrysene-d12	21.65	240	608139	20.00	ng	0.00
87) Perylene-d12	24.84	264	718274	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	719636	117.89	ng	0.00
7) Phenol-d6	7.21	99	974269	118.66	ng	0.00
23) Nitrobenzene-d5	9.20	82	592335	94.68	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	467064	157.85	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1296451	76.46	ng	0.00
79) Terphenyl-d14	20.00	244	2069401	79.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	79309	27.355	ng	95
3) Pyridine	3.89	79	204033	26.364	ng	96
4) n-Nitrosodimethylamine	3.80	42	113923	31.876	ng	95
6) Aniline	7.36	93	227176	20.587	ng	99
8) 2-Chlorophenol	7.61	128	267727	38.741	ng	95
9) Benzaldehyde	7.18	77	166570	31.074	ng	92
10) Phenol	7.23	94	330019	38.150	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	243576	34.864	ng	98
12) 1,3-Dichlorobenzene	7.93	146	301034	36.507	ng	99
13) 1,4-Dichlorobenzene	8.08	146	303273	36.725	ng	97
14) 1,2-Dichlorobenzene	8.40	146	289980	37.245	ng	97
15) Benzyl Alcohol	8.27	79	232227	35.527	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	441312	30.484	ng	97
17) 2-Methylphenol	8.48	107	228326	38.166	ng	99
18) Hexachloroethane	9.13	117	109740	36.282	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	207292	34.542	ng	94
20) 3+4-Methylphenols	8.80	107	314277	38.336	ng	98
22) Acetophenone	8.86	105	390653	42.158	ng	# 94
24) Nitrobenzene	9.24	77	286961	42.048	ng	99
25) Isophorone	9.77	82	536480	39.162	ng	# 99
26) 2-Nitrophenol	9.96	139	156243	49.721	ng	97
27) 2,4-Dimethylphenol	10.01	122	251604	46.420	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	327665	38.808	ng	99
29) 2,4-Dichlorophenol	10.49	162	290542	47.015	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	320284	44.141	ng	99
31) Naphthalene	10.90	128	820638	43.812	ng	98
33) 4-Chloroaniline	11.00	127	194653	22.529	ng	97
34) Hexachlorobutadiene	11.19	225	210165	45.065	ng	98
35) Caprolactam	11.76	113	111880m	49.256	ng	
36) 4-Chloro-3-methylphenol	12.12	107	283908	43.854	ng	99
37) 2-Methylnaphthalene	12.50	142	613794	42.891	ng	100
38) 1-Methylnaphthalene	12.72	142	581554	42.627	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	384185	42.718	ng	99
41) Hexachlorocyclopentadiene	12.85	237	362764	71.306	ng	99

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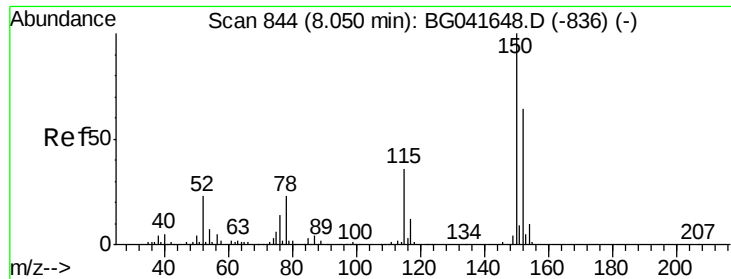
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	266059	45.530	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	287659	46.722	nq	96
46) 1,1'-Biphenyl	13.50	154	762847	38.782	nq	97
47) 2-Chloronaphthalene	13.55	162	631627	38.529	nq	98
48) 2-Nitroaniline	13.73	65	188231	39.436	nq	91
49) Acenaphthylene	14.39	152	981584	38.355	nq	98
50) Dimethylphthalate	14.12	163	990256	48.022	nq	99
51) 2,6-Dinitrotoluene	14.23	165	191017	43.672	nq	92
52) Acenaphthene	14.73	154	601246	37.281	nq	98
53) 3-Nitroaniline	14.55	138	139249	29.164	nq	# 92
54) 2,4-Dinitrophenol	14.76	184	37269	22.960	nq	# 87
55) Dibenzofuran	15.06	168	976785	40.362	nq	95
56) 4-Nitrophenol	14.86	139	353173	91.362	nq	97
57) 2,4-Dinitrotoluene	15.01	165	267823	46.322	nq	93
58) Fluorene	15.71	166	789745	40.105	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	281986	49.611	nq	94
60) Diethylphthalate	15.48	149	788313	37.948	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	460196	41.343	nq	97
62) 4-Nitroaniline	15.71	138	202386	39.967	nq	97
63) Azobenzene	15.99	77	665382	35.428	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	106428	39.834	nq	92
66) n-Nitrosodiphenylamine	15.91	169	742926	43.461	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	314284	45.377	nq	99
68) Hexachlorobenzene	16.71	284	319698	45.838	nq	93
69) Atrazine	16.85	200	294882	47.536	nq	98
70) Pentachlorophenol	17.05	266	409349	93.868	nq	99
71) Phenanthrene	17.44	178	1274767	43.486	nq	96
72) Anthracene	17.53	178	1308238	44.772	nq	97
73) Carbazole	17.79	167	1192440	44.002	nq	96
74) Di-n-butylphthalate	18.36	149	1318401	39.888	nq	97
75) Fluoranthene	19.44	202	1553111	43.148	nq	95
77) Benzidine	19.61	184	626386	26.811	nq	98
78) Pyrene	19.80	202	1587205	38.590	nq	95
80) Butylbenzylphthalate	20.68	149	636901	37.264	nq	94
81) Benzo(a)anthracene	21.63	228	1601950	40.770	nq	97
82) 3,3'-Dichlorobenzidine	21.54	252	452222	29.248	nq	98
83) Chrysene	21.69	228	1533180	40.835	nq	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	908957	37.666	nq	97
85) Di-n-octyl phthalate	22.75	149	1570552	38.217	nq	# 94
86) Indeno(1,2,3-cd)pyrene	28.49	276	2072170	41.828	nq	# 90
88) Benzo(b)fluoranthene	23.83	252	1728253	39.667	nq	97
89) Benzo(k)fluoranthene	23.90	252	1710124	42.360	nq	98
90) Benzo(a)pyrene	24.70	252	1739148	42.190	nq	# 97
91) Dibenzo(a,h)anthracene	28.56	278	1684581	42.148	nq	# 96
92) Benzo(g,h,i)perylene	29.63	276	1707639	42.634	nq	# 95

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



#1

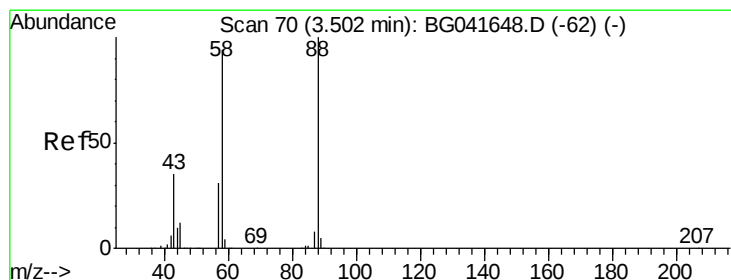
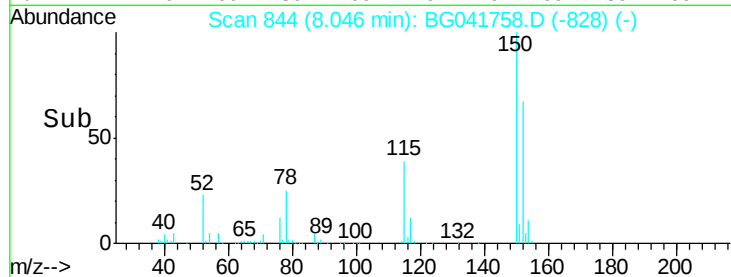
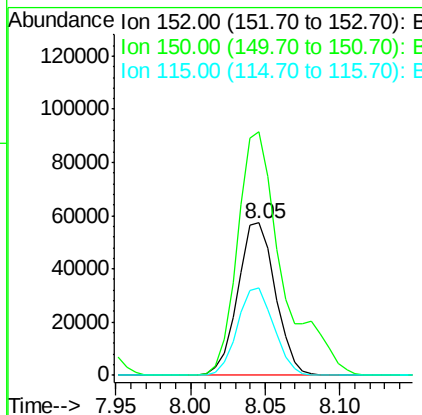
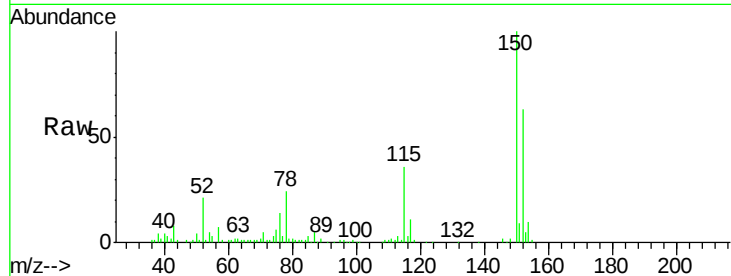
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.9	190.3
115	57.7	45.0	67.6

Manual Integrations
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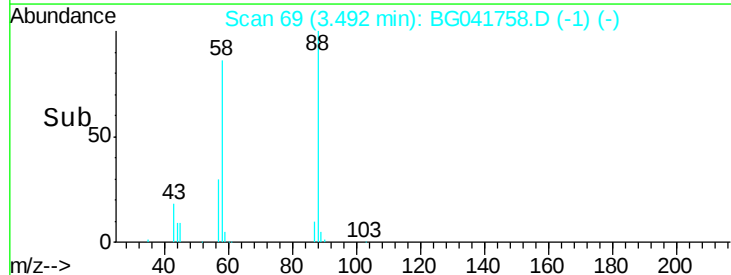
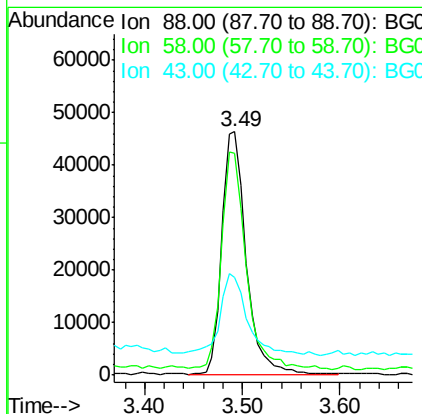
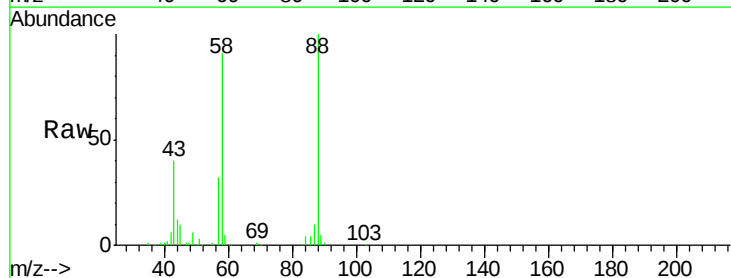
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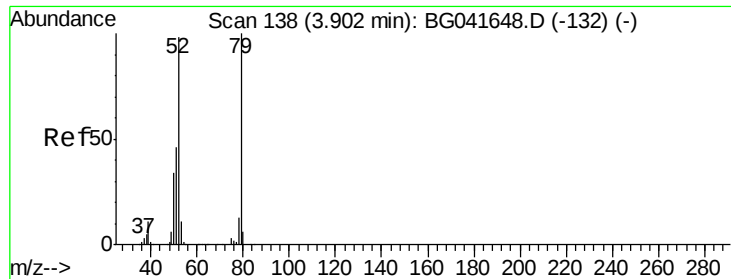


#2

1,4-Dioxane
Concen: 27.355 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.8	76.2	114.2
43	39.2	27.2	40.8





#3

Pvridine

Concen: 26.364 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

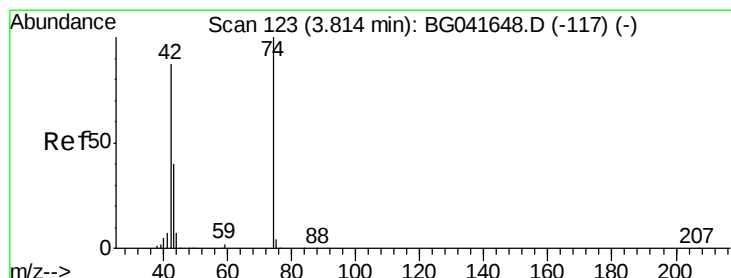
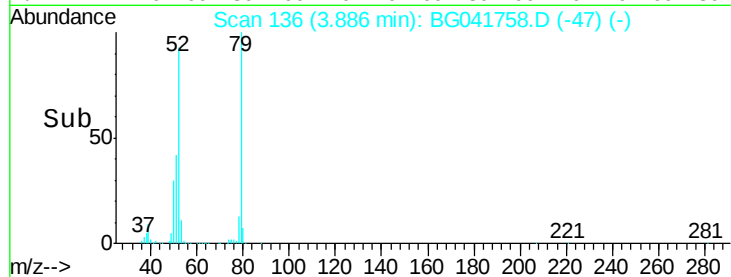
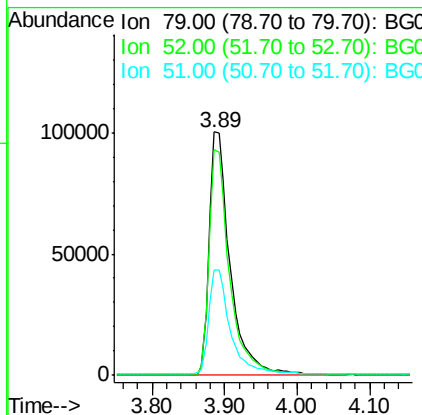
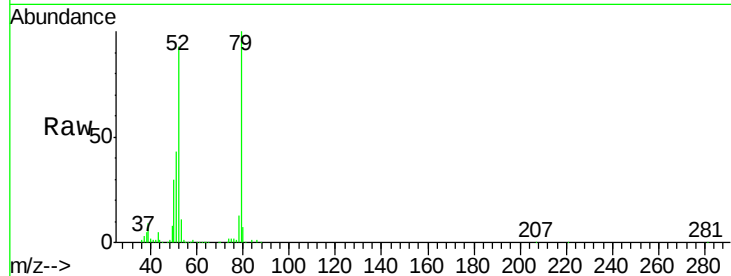
ClientSampled :

TP-1SMSD

Tot Ion:	79	Resp:	204033
Ion	Ratio	Lower	Upper
79	100		
52	92.7	77.1	115.7
51	43.3	37.8	56.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 31.876 ng

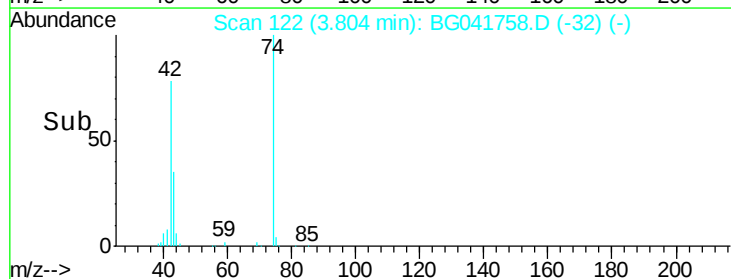
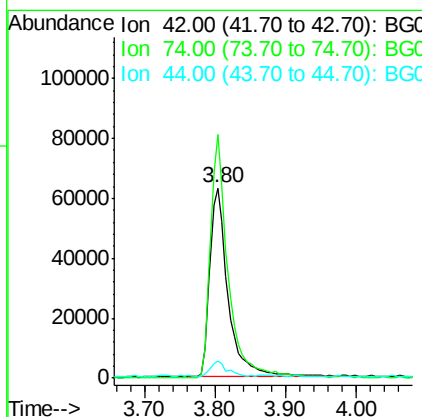
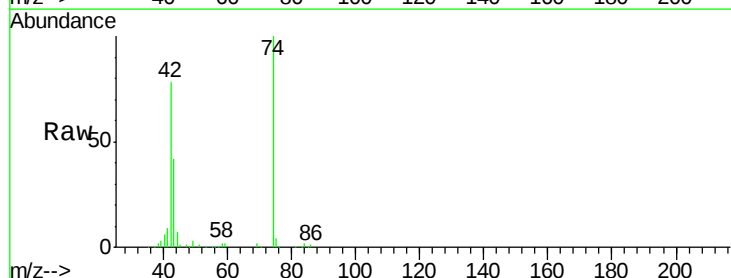
RT: 3.80 min Scan# 122

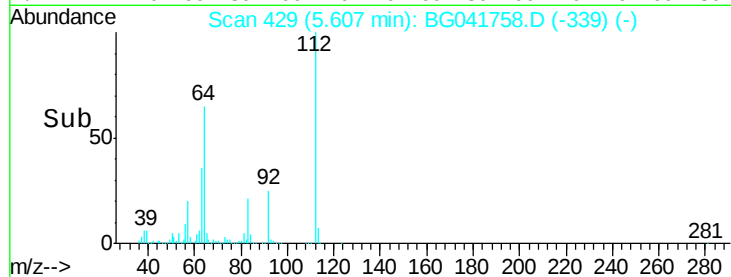
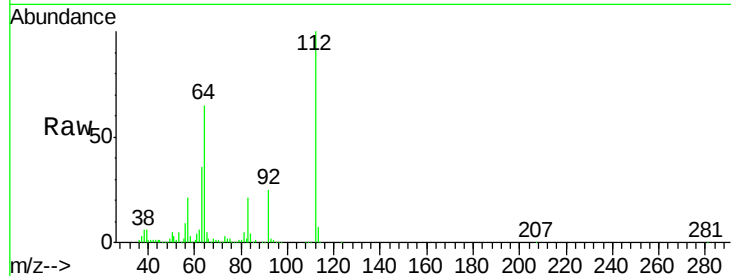
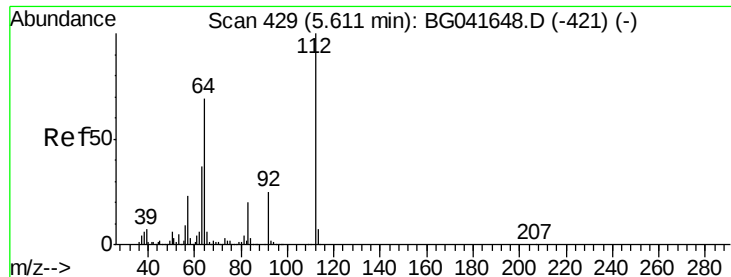
Delta R.T. -0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion:	42	Resp:	113923
Ion	Ratio	Lower	Upper
42	100		
74	127.9	97.4	146.2
44	9.1	6.6	9.8





#5

2-Fluorophenol

Concen: 117.889 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tot Ion:	112	Resp:	719636
Ion Ratio	Lower	Upper	
112	100		
64	65.1	55.4	83.2
63	36.1	29.1	43.7

Instrument :

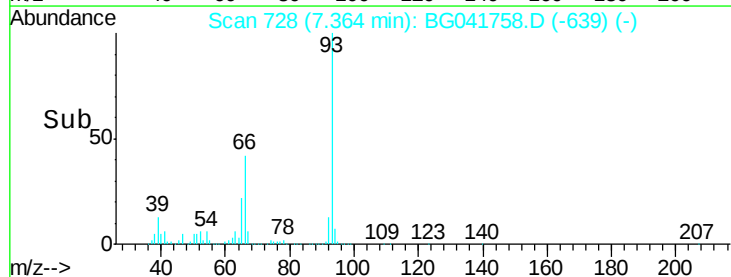
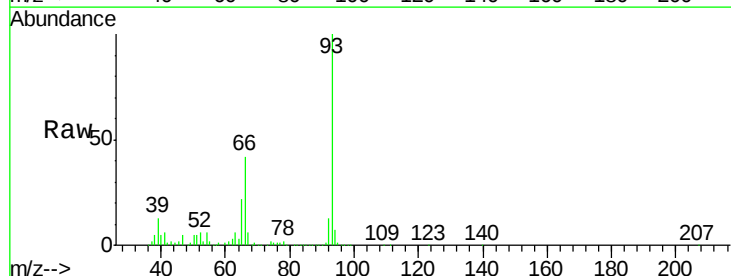
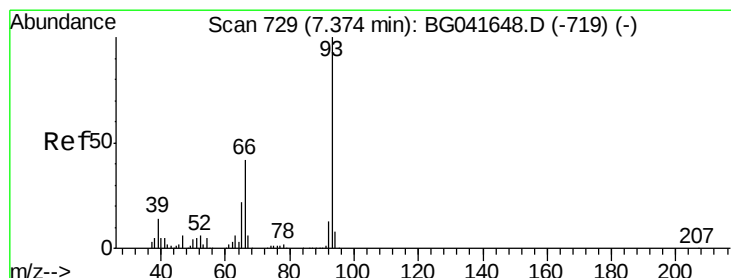
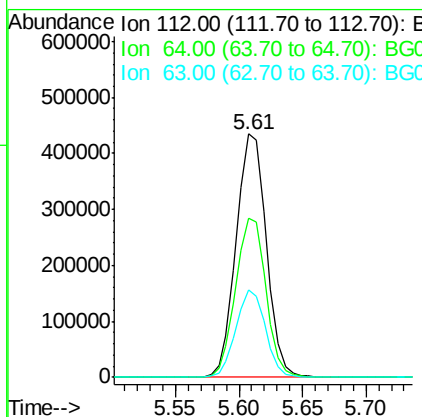
BNA_G

ClientSampleId :

TP-1SMSD

Manual Integrations
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#6

Aniline

Concen: 20.587 ng

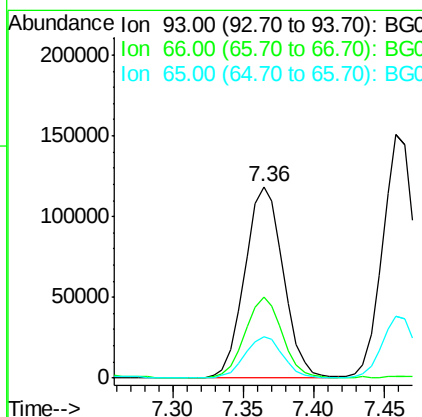
RT: 7.36 min Scan# 728

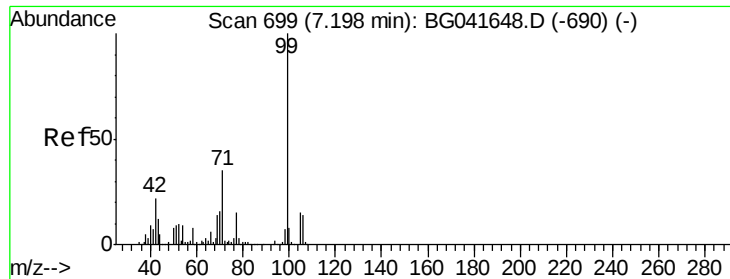
Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion:	93	Resp:	227176
Ion Ratio	Lower	Upper	
93	100		
66	42.1	34.2	51.2
65	21.7	18.2	27.2





#7

Phenol-d6

Concen: 118.659 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

Tot Ion: 99 Resp: 974269

Ion Ratio Lower Upper

99 100

42 20.4 17.6 26.4

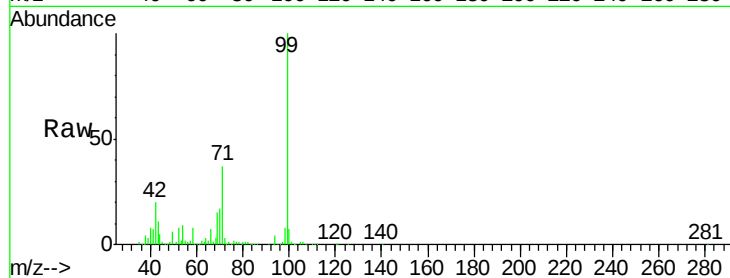
71 37.3 27.8 41.6

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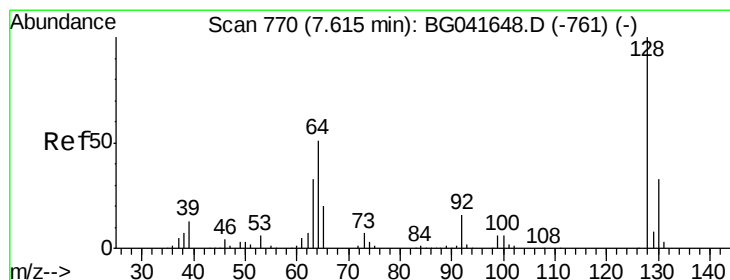
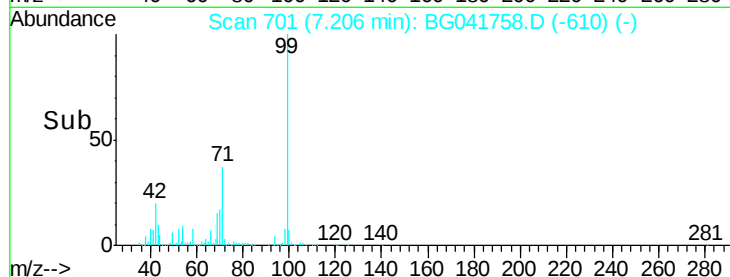
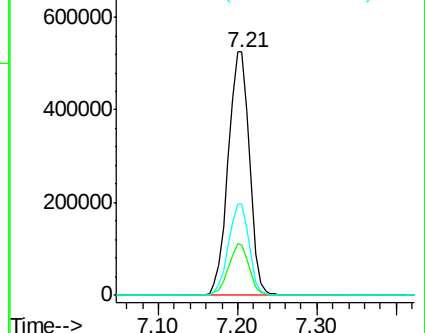
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.741 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

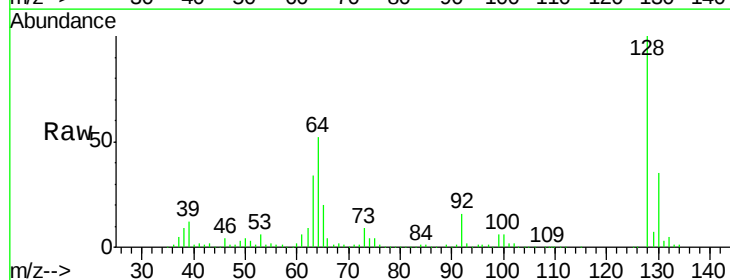
Tgt Ion: 128 Resp: 267727

Ion Ratio Lower Upper

128 100

130 35.0 12.4 52.4

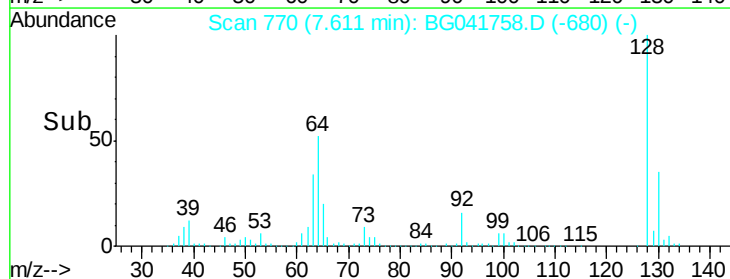
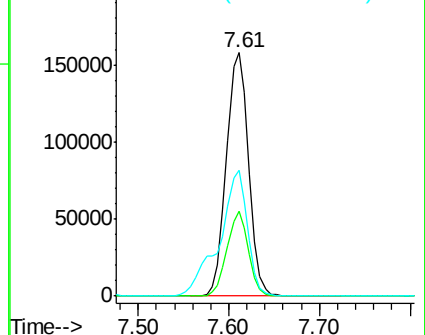
64 51.6 34.9 74.9

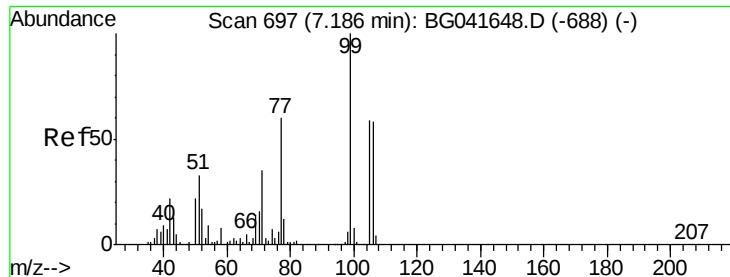


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.074 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

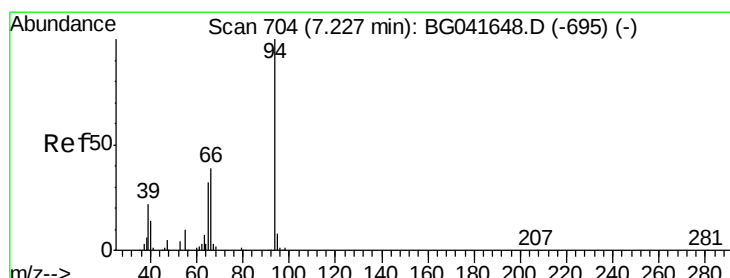
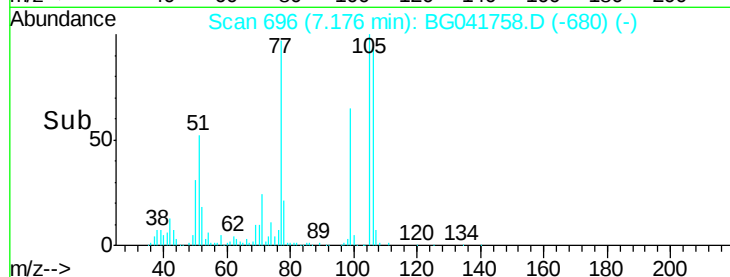
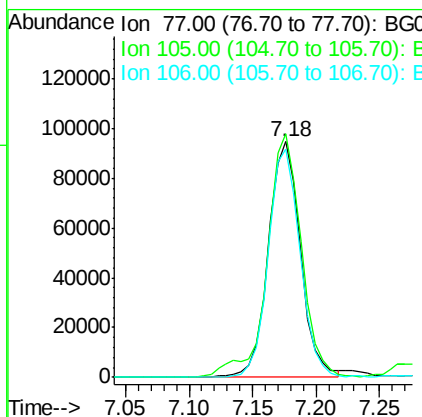
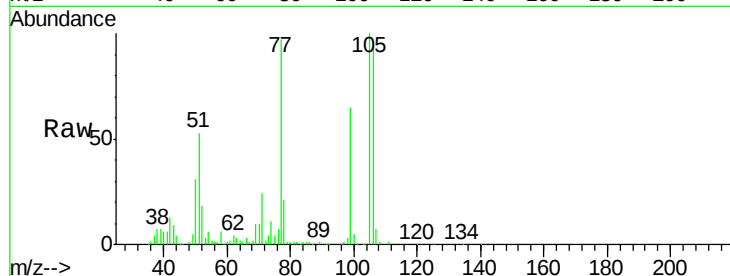
ClientSampleId :

TP-1SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.3	74.6	114.6		
106	96.8	71.1	111.1		

Manual Integrations
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#10

Phenol

Concen: 38.150 ng

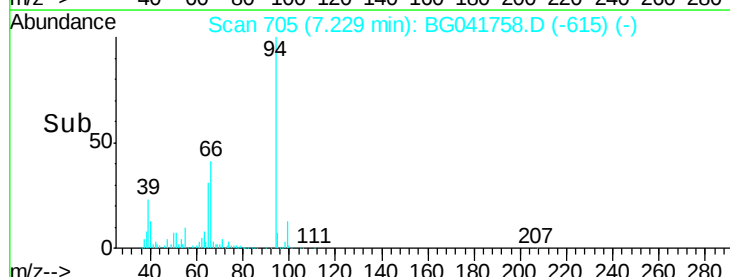
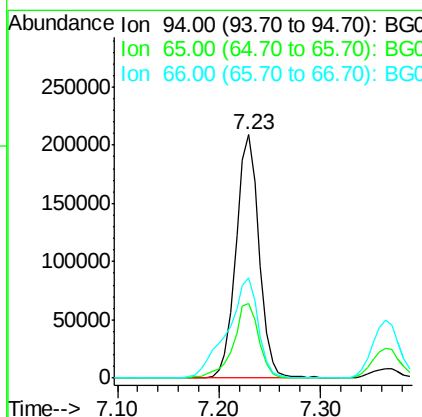
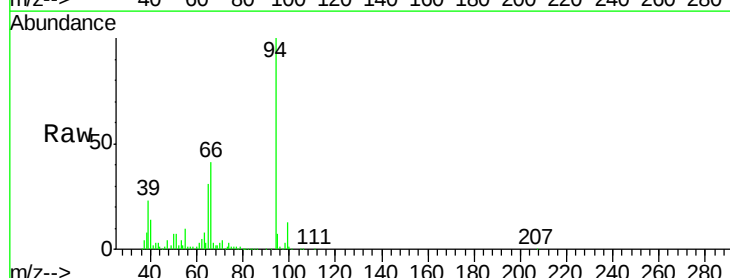
RT: 7.23 min Scan# 705

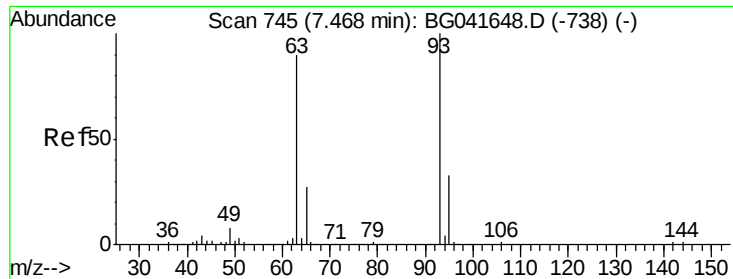
Delta R.T. -0.00 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.7	10.6	50.6		
66	41.3	18.2	58.2		





#11

bis(2-Chloroethyl)ether

Concen: 34.864 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

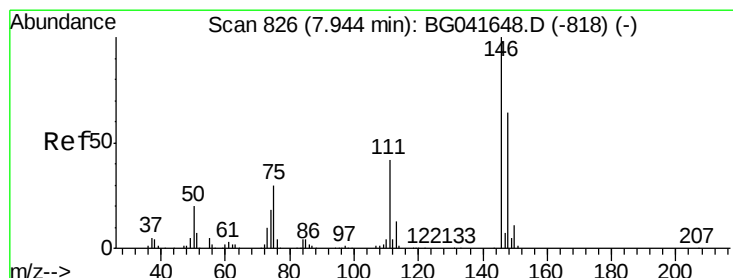
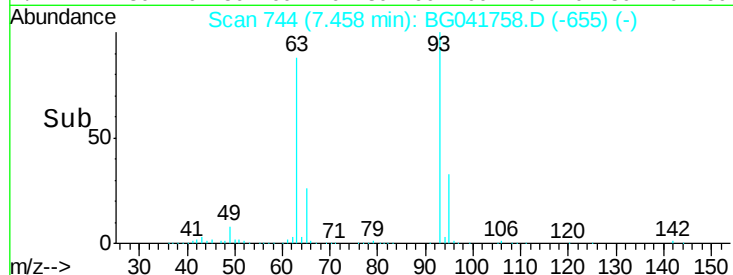
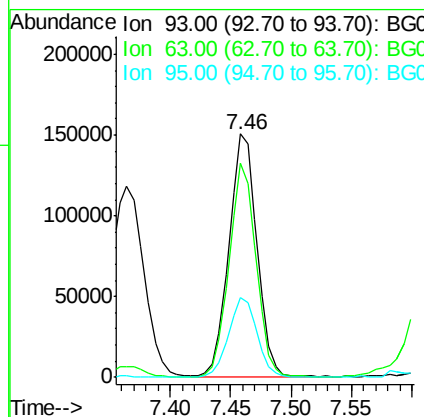
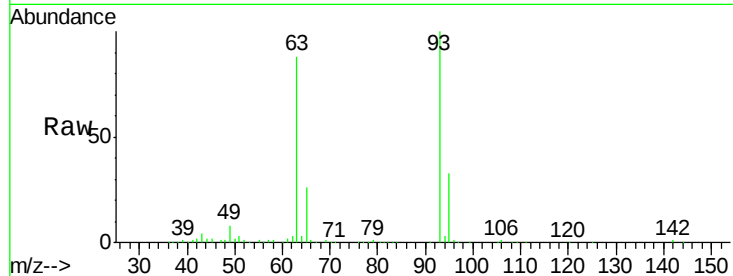
ClientSampleId :

TP-1SMSD

Tot Ion:	93	Resp:	243576
Ion	Ratio	Lower	Upper
93	100		
63	87.9	70.4	110.4
95	33.0	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 36.507 ng

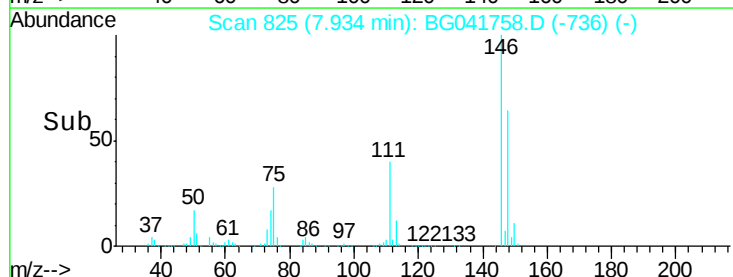
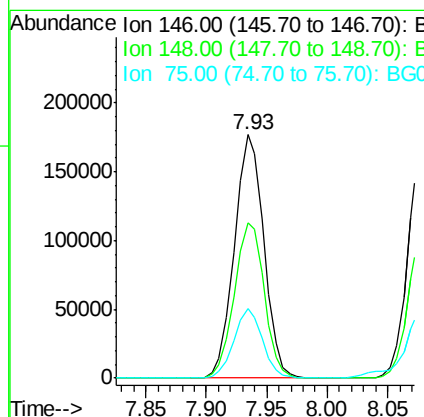
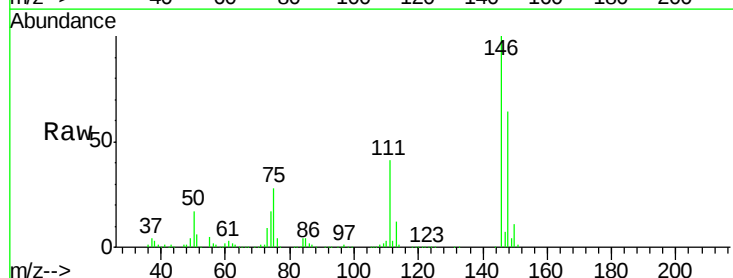
RT: 7.93 min Scan# 825

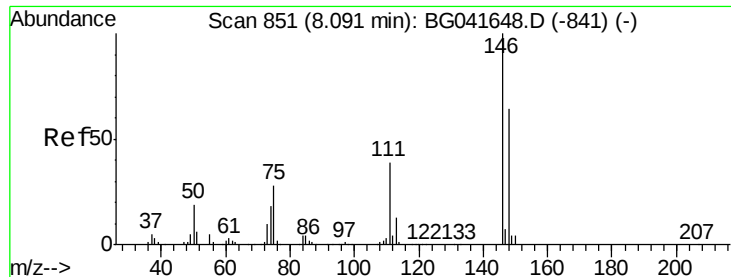
Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion:	146	Resp:	301034
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
75	28.5	23.2	34.8





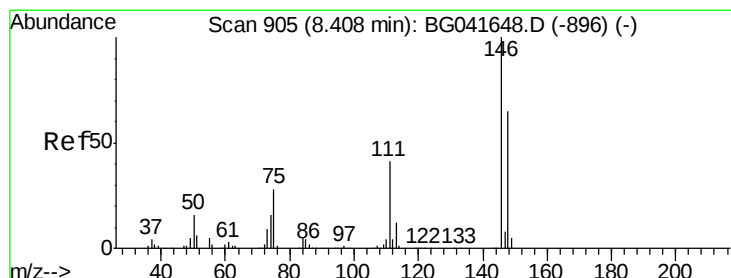
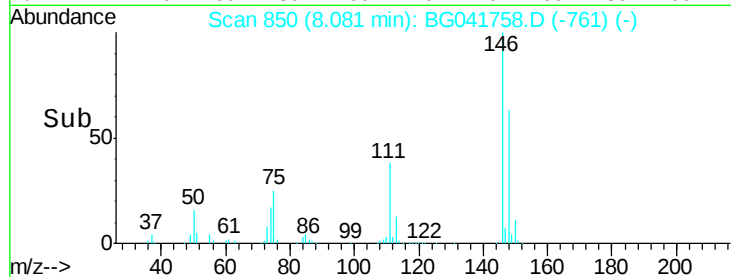
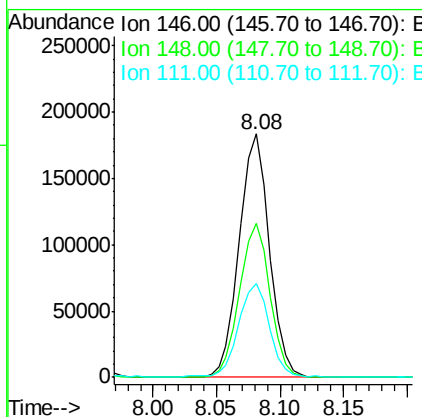
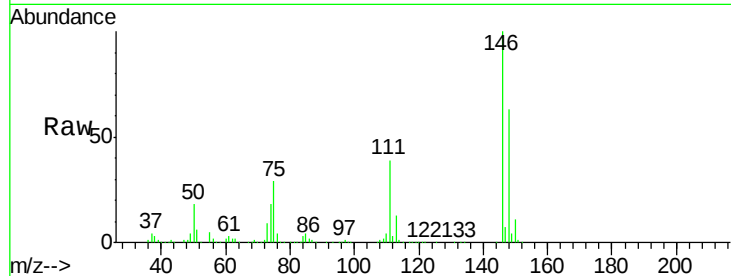
#13
 1,4-Dichlorobenzene
 Concen: 36.725 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Instrument :
 BNA_G
 ClientSampleID :
 TP-1SMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.6	79.0
111	38.5	32.5	48.7

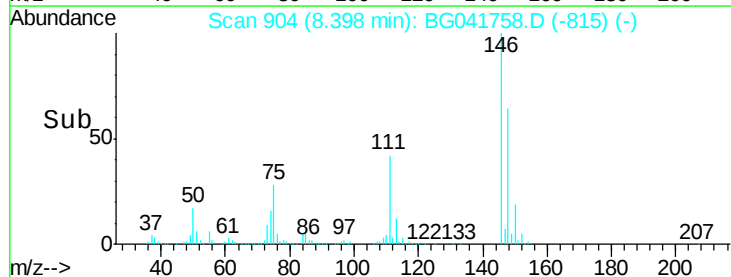
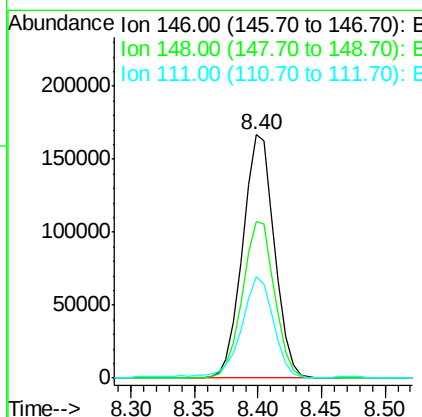
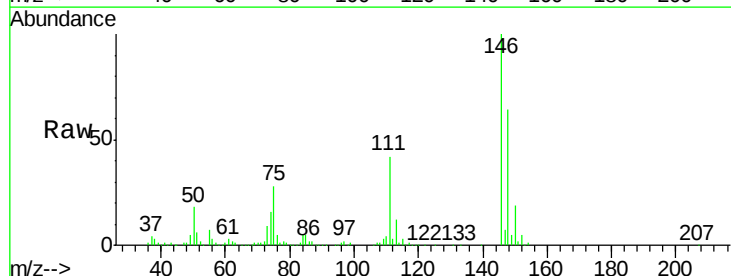
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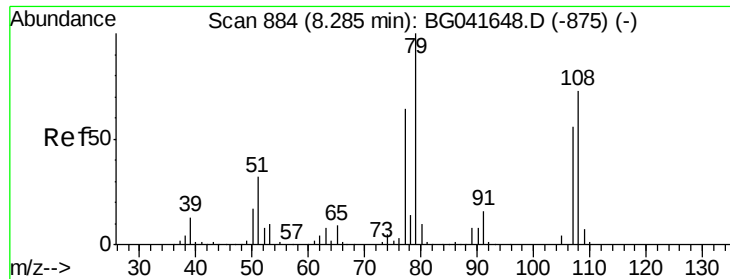
mohammad
 7/24/2019 11:35:32 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.245 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.5	80.3
111	41.8	35.4	53.0





#15

Benzyl Alcohol

Concen: 35.527 ng

RT: 8.27 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

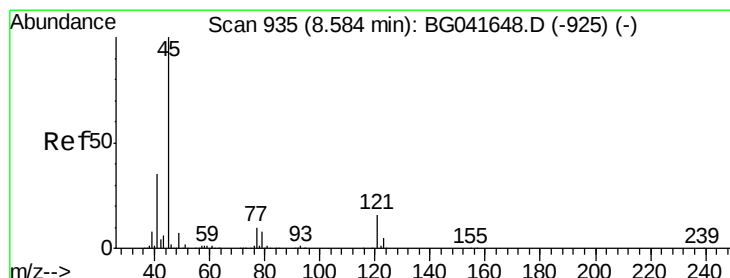
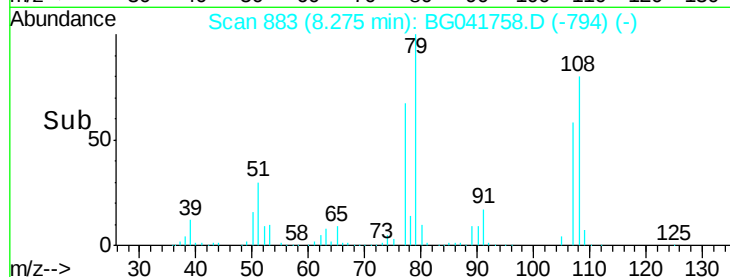
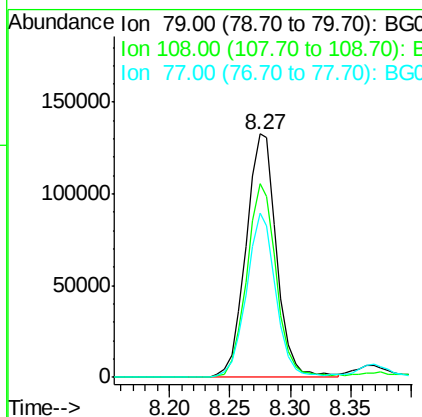
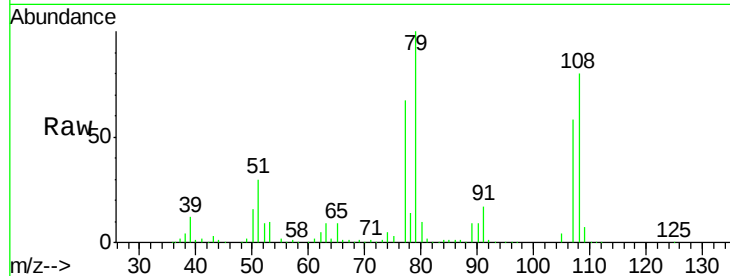
ClientSampleId :

TP-1SMSD

Tot Ion:	79	Resp:	232227
Ion Ratio	Lower	Upper	
79	100		
108	79.6	60.5	90.7
77	67.2	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.484 ng

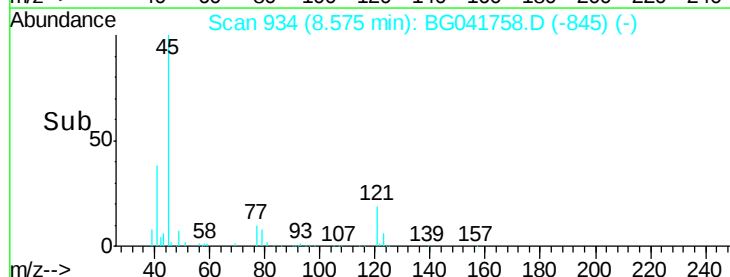
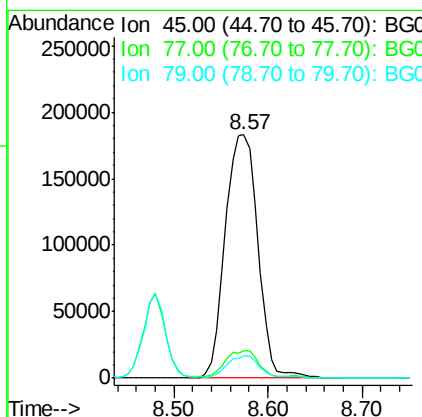
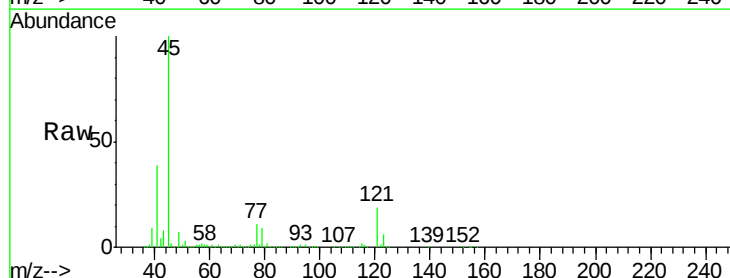
RT: 8.57 min Scan# 934

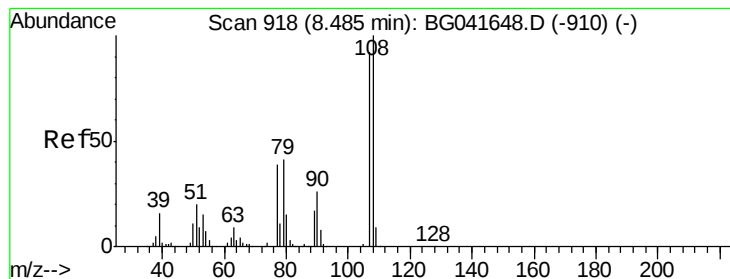
Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion:	45	Resp:	441312
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	30.4
79	9.1	0.0	27.9





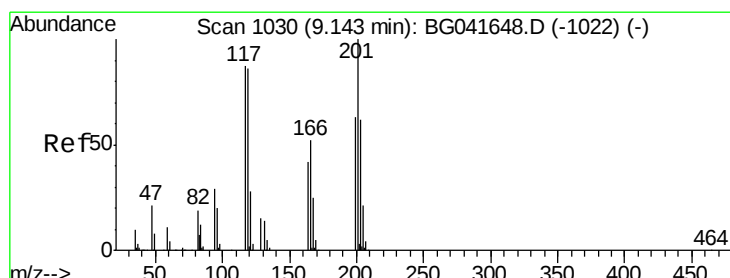
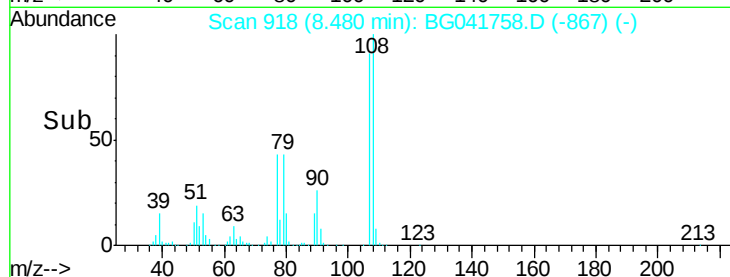
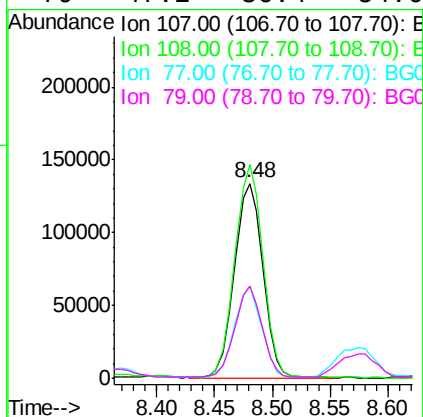
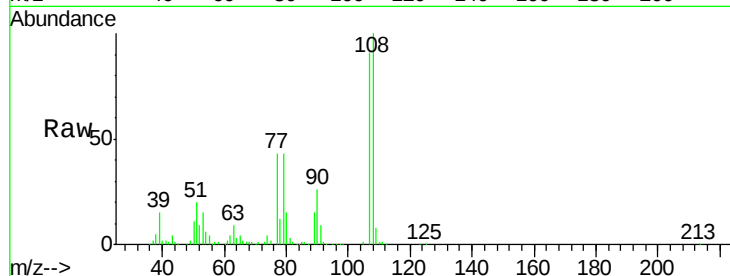
#17
2-Methylphenol
Concen: 38.166 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	87.6	131.4	
77	47.4	36.1	54.1	
79	47.2	36.4	54.6	

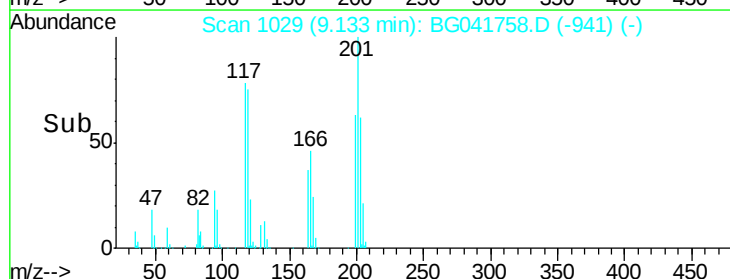
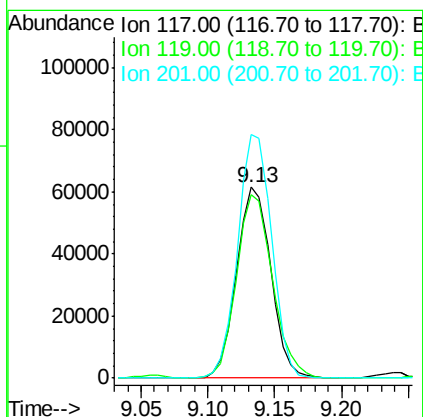
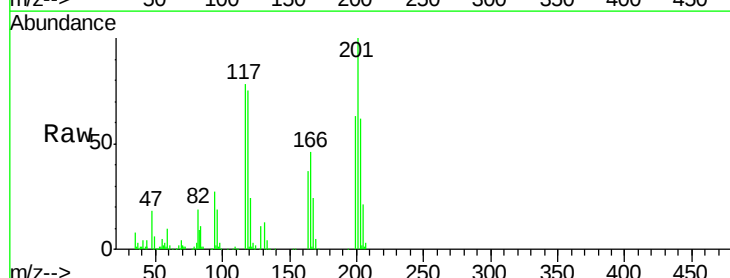
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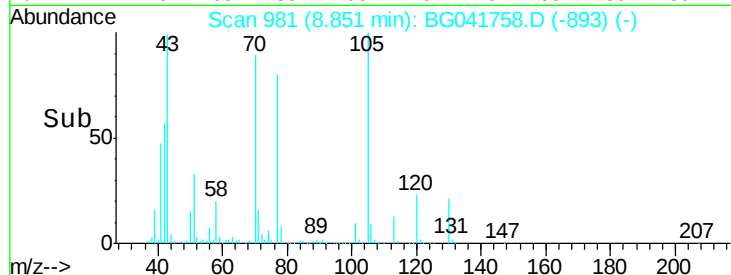
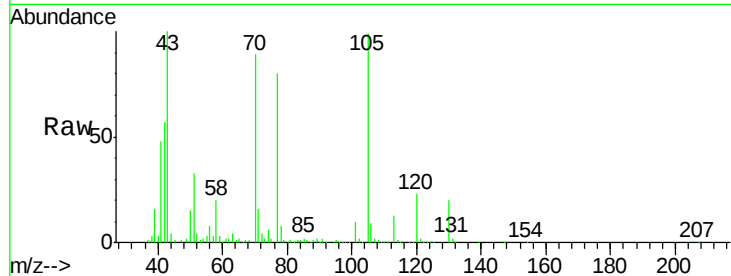
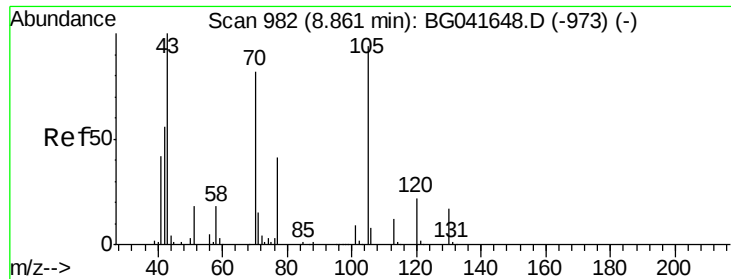
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#18
Hexachloroethane
Concen: 36.282 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.2	114.2	
201	127.8	94.1	141.1	





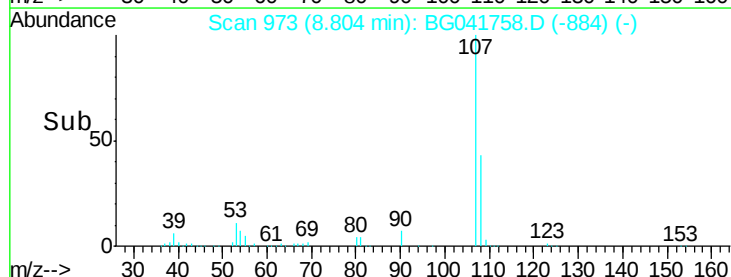
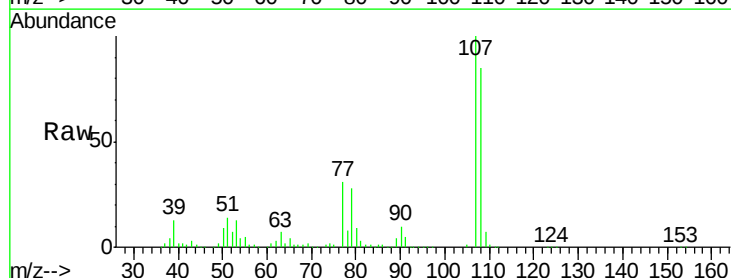
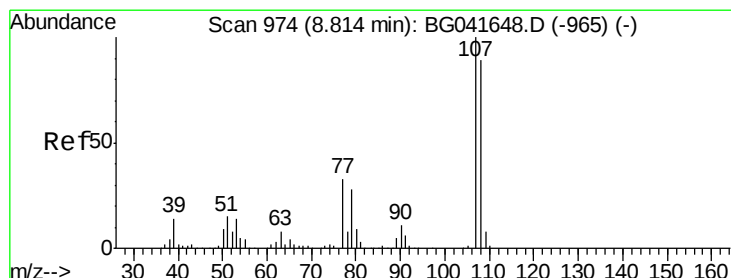
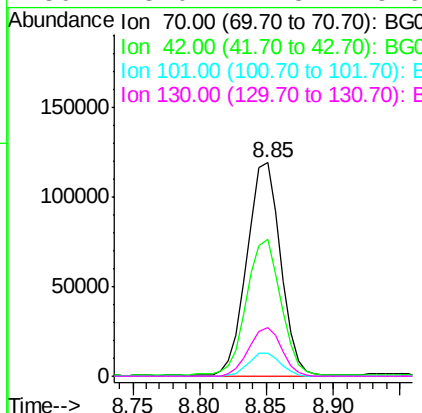
#19
n-Nitroso-di-n-propylamine
Concen: 34.542 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.0	55.8	83.6	
101	10.7	8.1	12.1	
130	23.0	17.3	25.9	

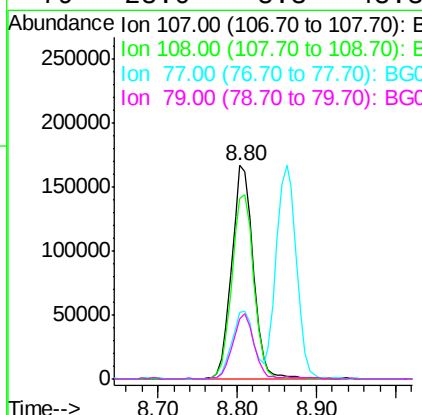
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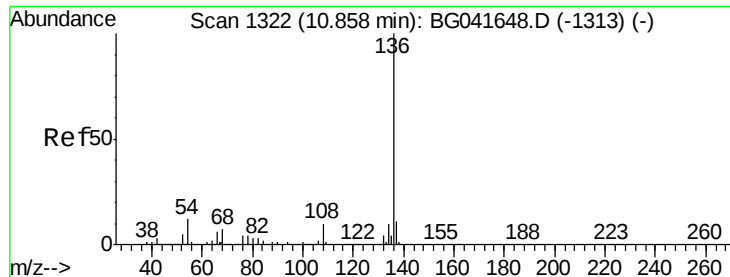
mohammad
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#20
3+4-Methylphenols
Concen: 38.336 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.6	67.5	107.5	
77	31.1	12.3	52.3	
79	28.0	8.3	48.3	





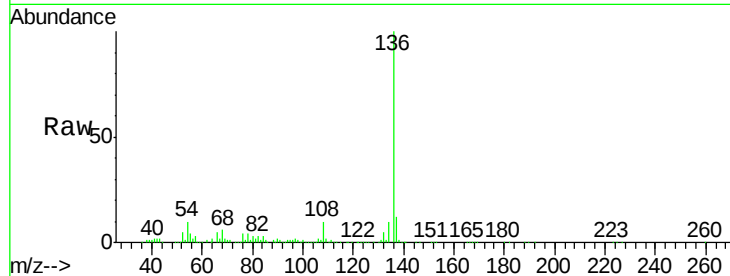
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		380461		
137	12.1		9.2	13.8	
54	9.6		8.7	13.1	
68	5.6		5.5	8.3	

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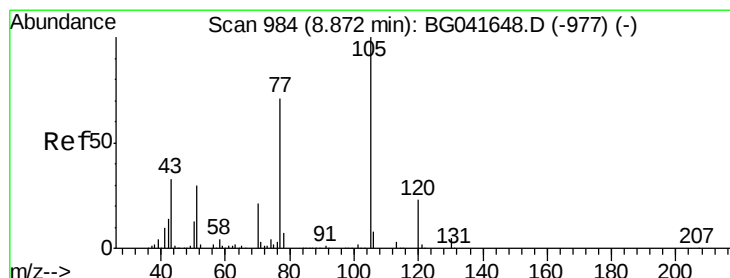
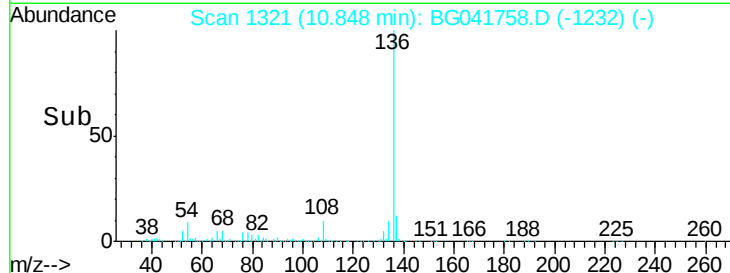
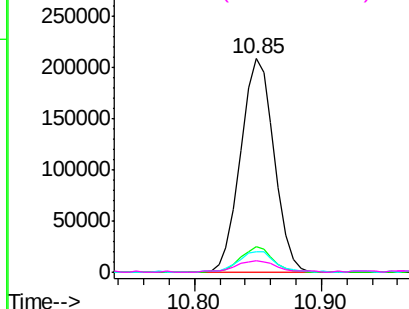
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.158 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		390653		
71	4.3		5.9	8.9#	
51	30.0		27.7	41.5	
120	23.4		19.3	28.9	

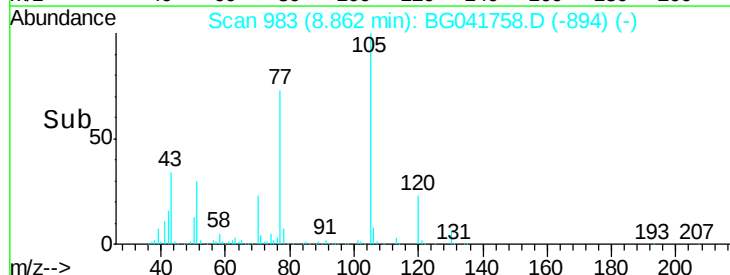
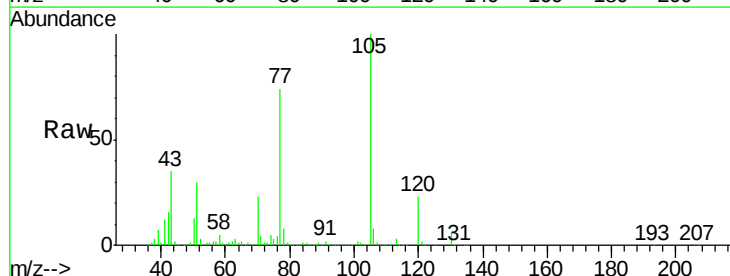
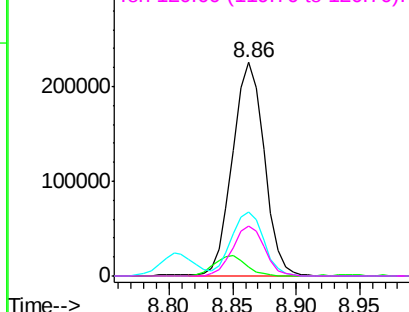
Abundance

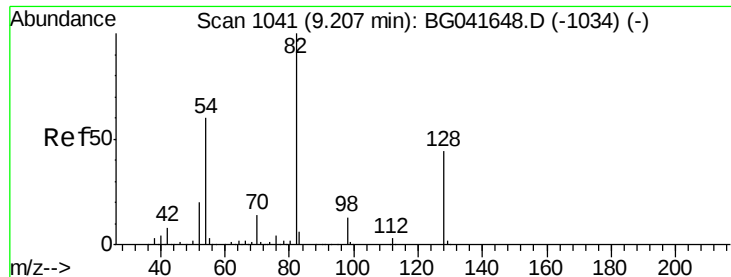
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





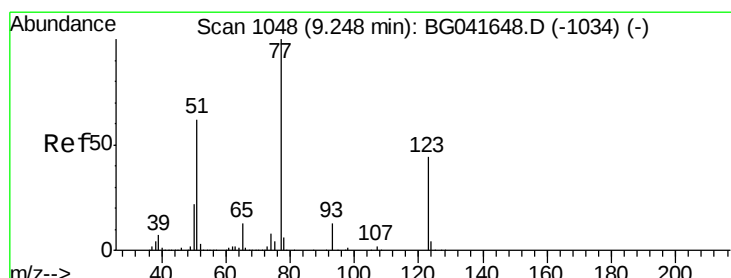
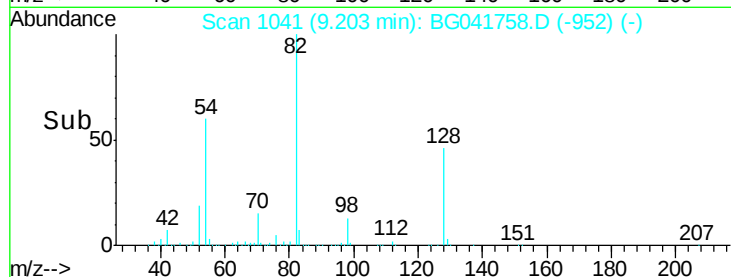
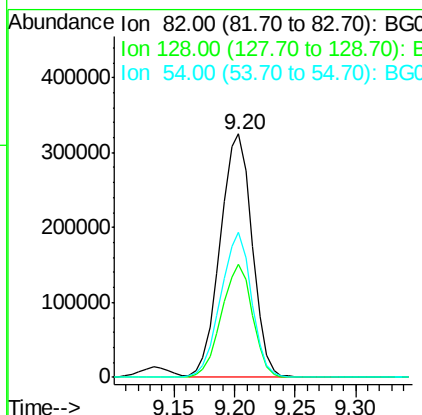
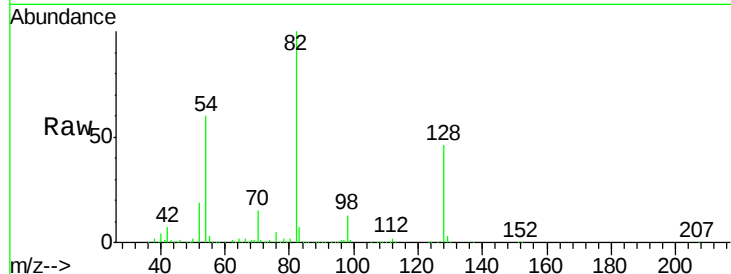
#23
 Nitrobenzene-d5
 Concen: 94.682 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Instrument :
 BNA_G
 ClientSampled :
 TP-1SMSD

Tot Ion	82	Resp	592335
Ion Ratio	100	Lower	Upper
82	100		
128	46.4	35.1	52.7
54	59.5	48.7	73.1

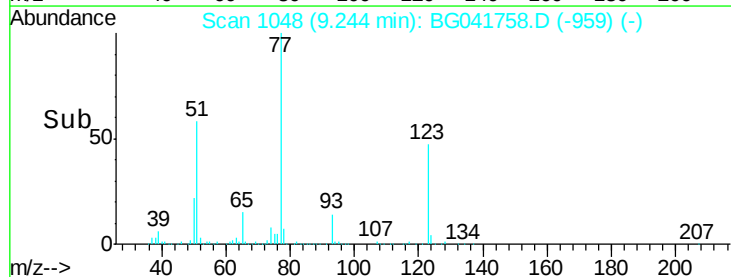
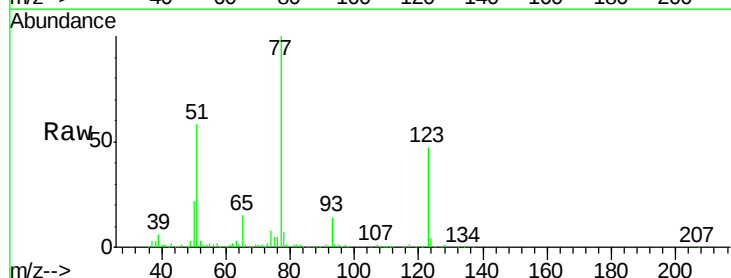
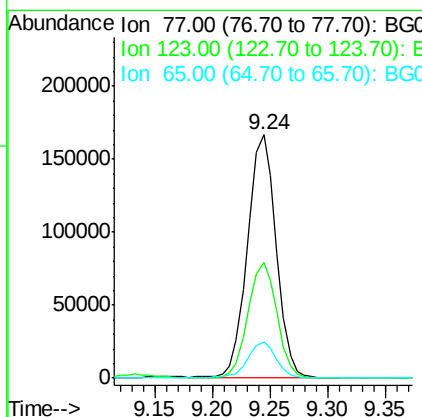
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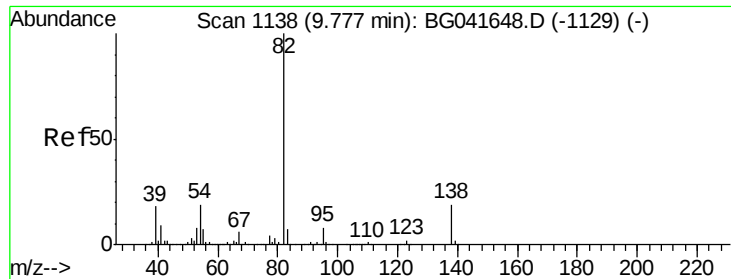
mohammad
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#24
 Nitrobenzene
 Concen: 42.048 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion	77	Resp	286961
Ion Ratio	100	Lower	Upper
77	100		
123	47.5	38.1	57.1
65	14.6	11.0	16.6





#25

Isophorone

Concen: 39.162 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

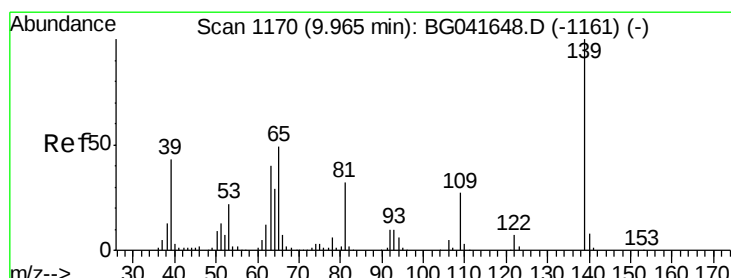
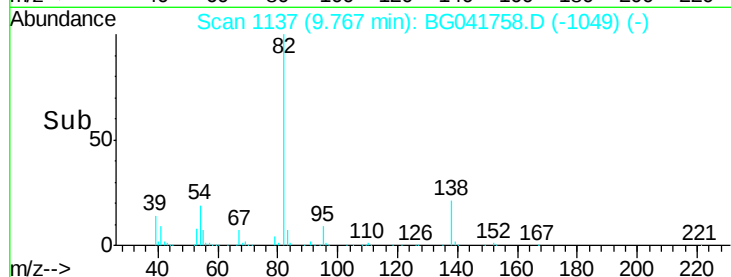
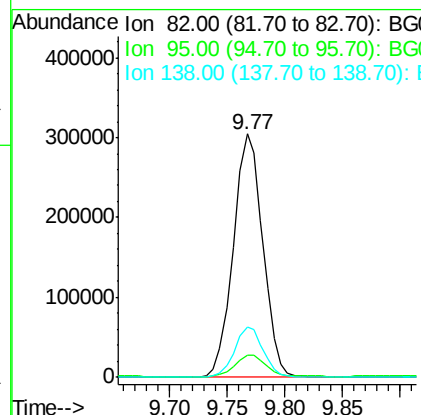
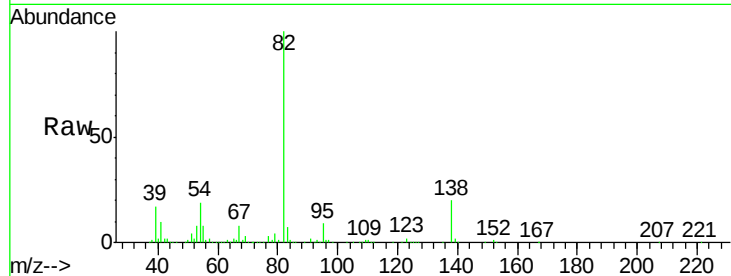
ClientSampleId :

TP-1SMSD

Tot Ion	82	Resp	536480
Ion Ratio	100	Lower	Upper
82	100		
95	9.1	5.9	8.9#
138	20.5	16.3	24.5

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#26

2-Nitrophenol

Concen: 49.721 ng

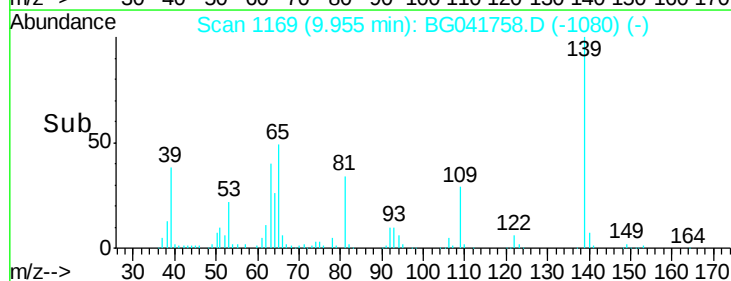
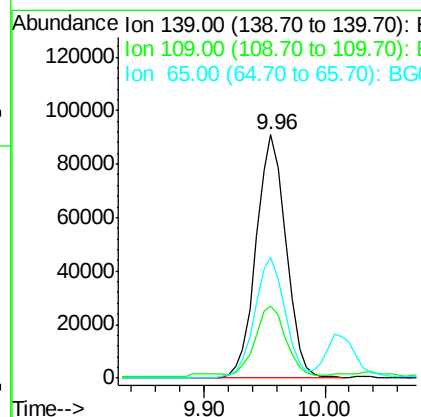
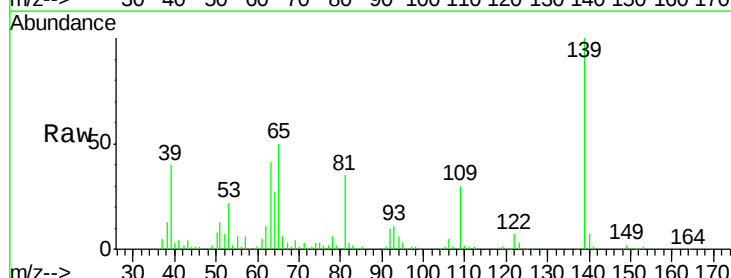
RT: 9.96 min Scan# 1169

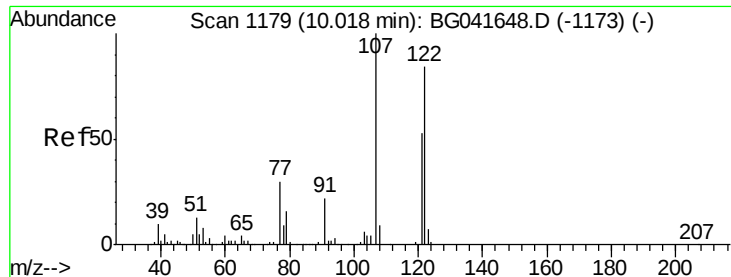
Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion	139	Resp	156243
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
139	100		
109	29.8	22.7	34.1
65	49.6	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 46.420 ng

RT: 10.01 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

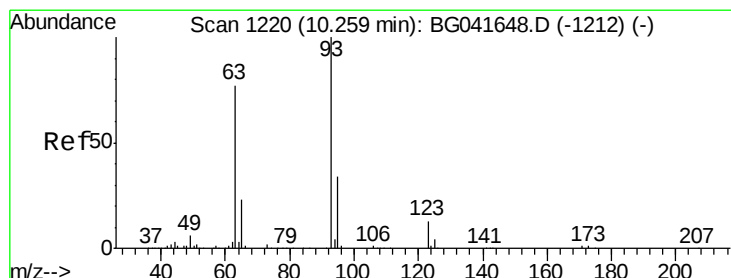
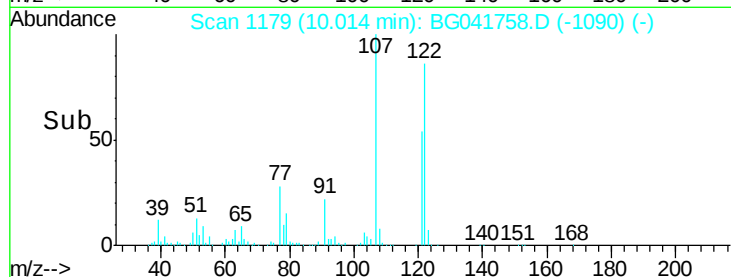
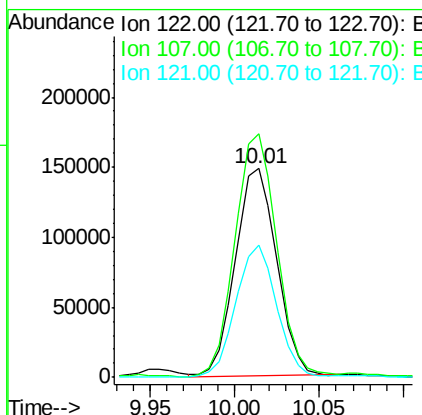
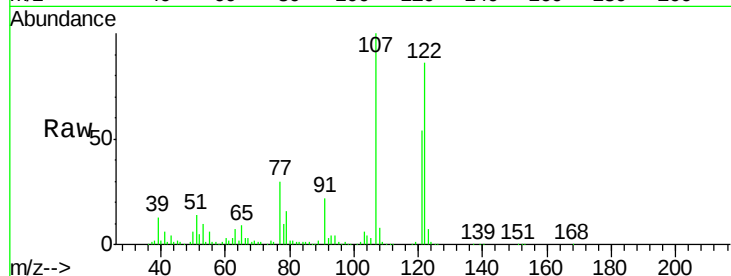
ClientSampleId :

TP-1SMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.3	136.9
121	63.2	49.2	73.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.808 ng

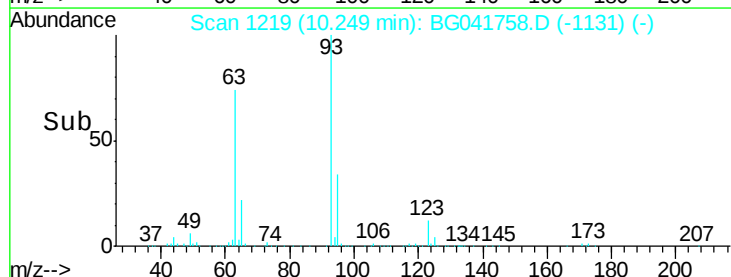
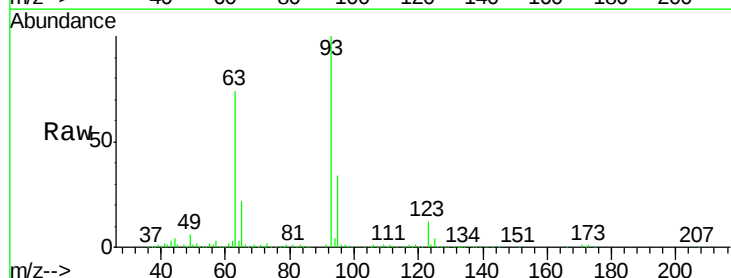
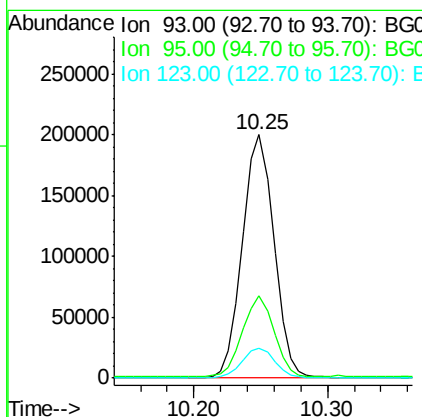
RT: 10.25 min Scan# 1219

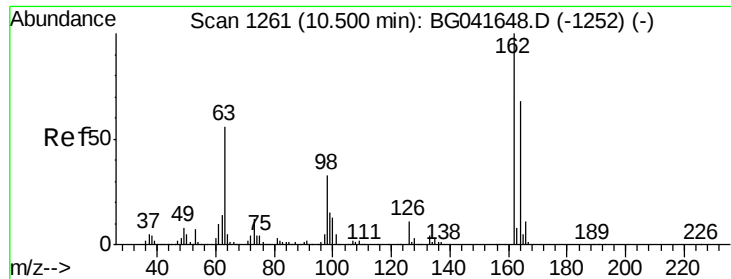
Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.2	39.4
123	12.4	9.9	14.9





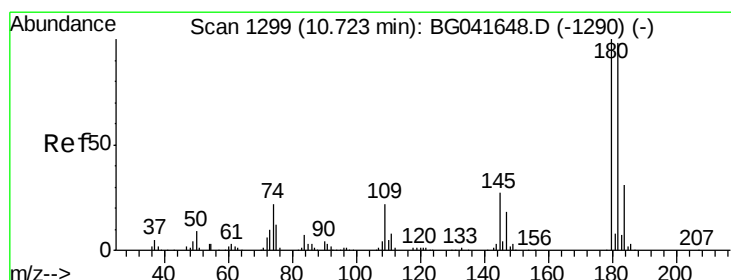
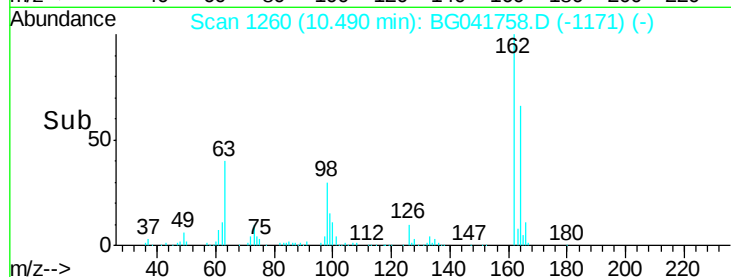
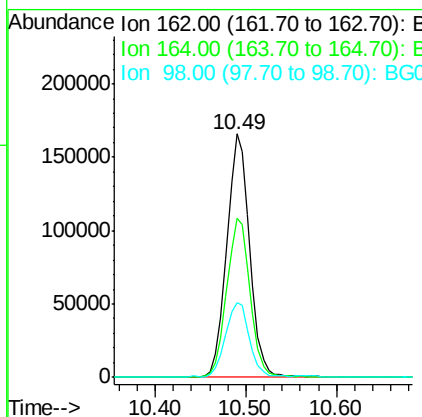
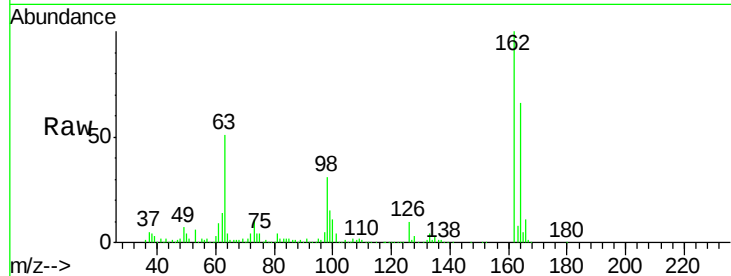
#29
2,4-Dichlorophenol
Concen: 47.015 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	290542		
164	65.6	46.1	86.1	
98	30.7	14.7	54.7	

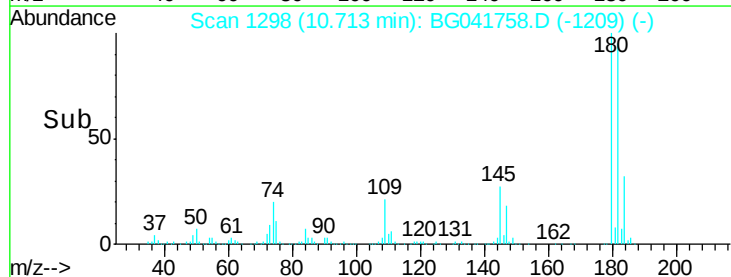
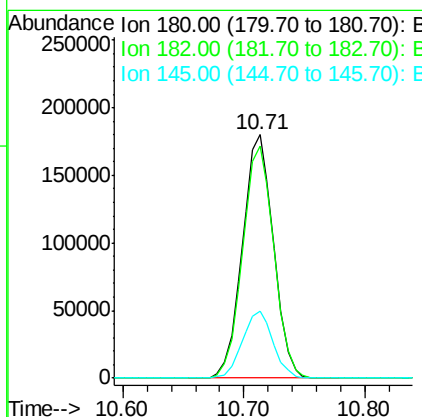
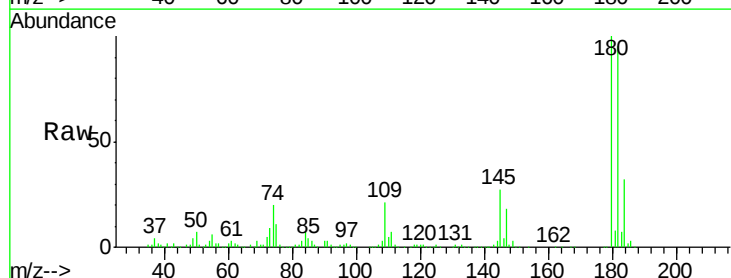
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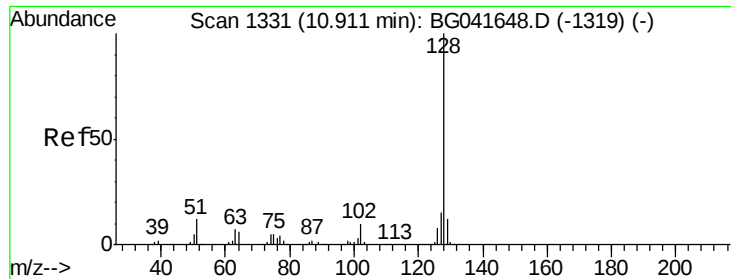
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.141 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	320284		
182	95.1	76.2	114.2	
145	27.3	23.8	35.8	





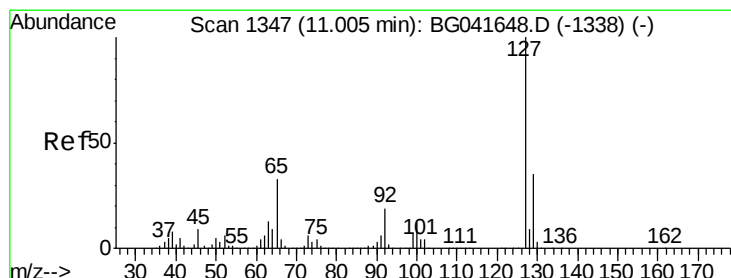
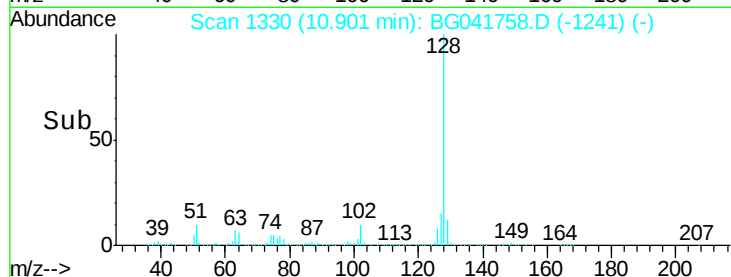
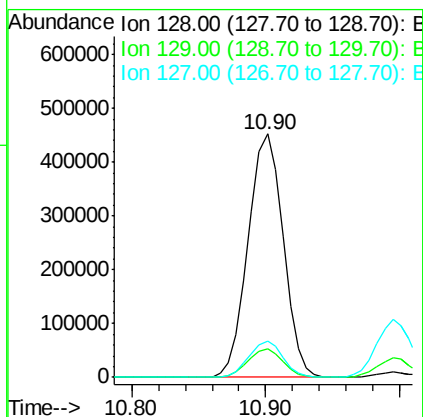
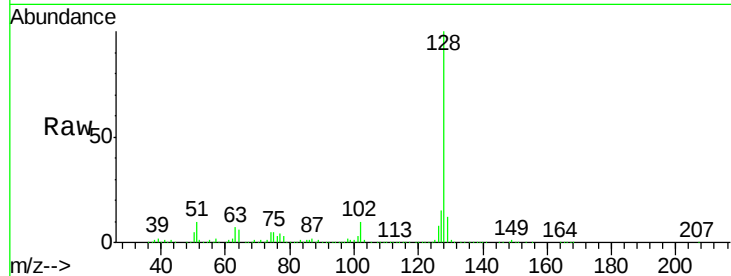
#31
Naphthalene
Concen: 43.812 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.0	15.0
127	14.8	12.3	18.5

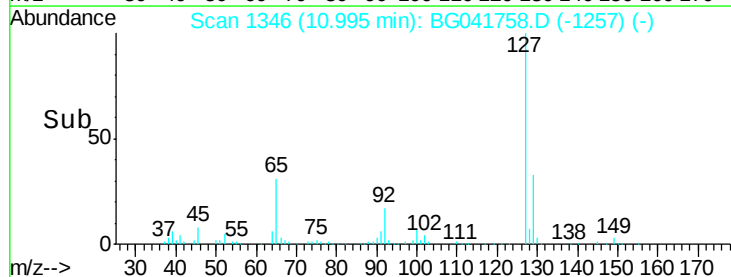
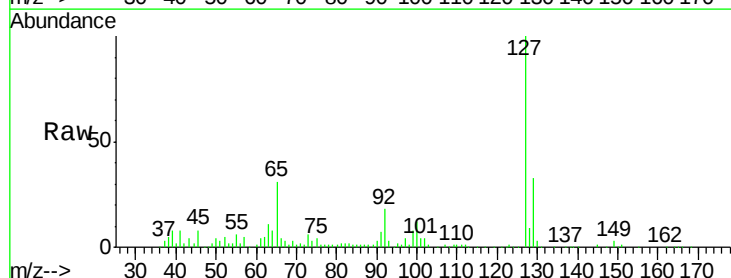
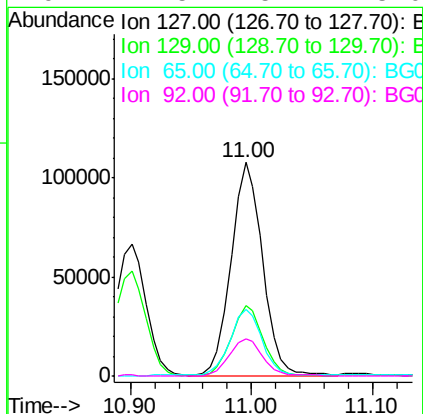
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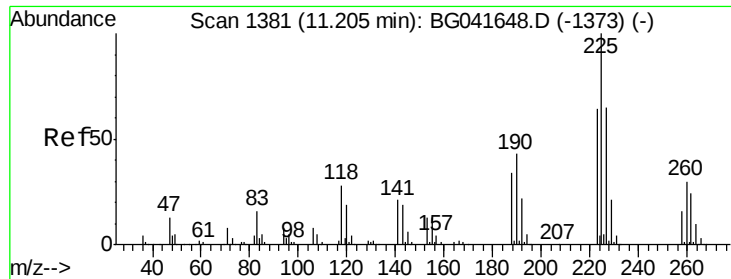
mohammad
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#33
4-Chloroaniline
Concen: 22.529 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	31.3	26.7	40.1
92	17.5	15.4	23.0





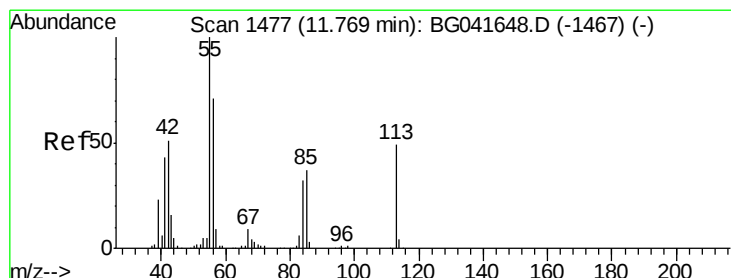
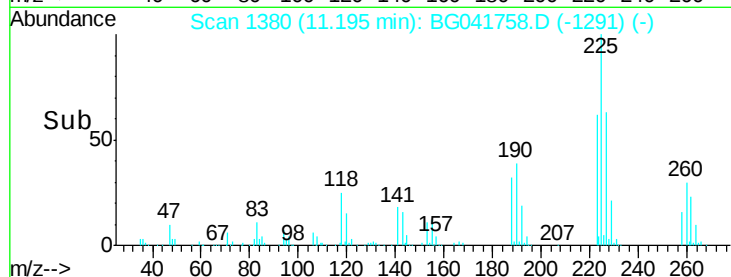
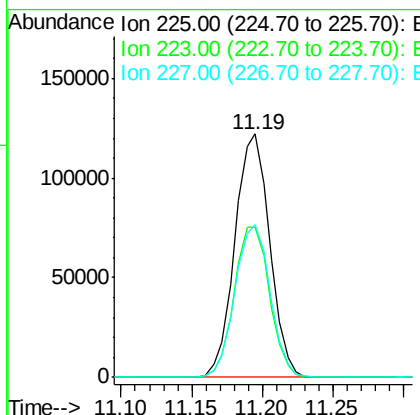
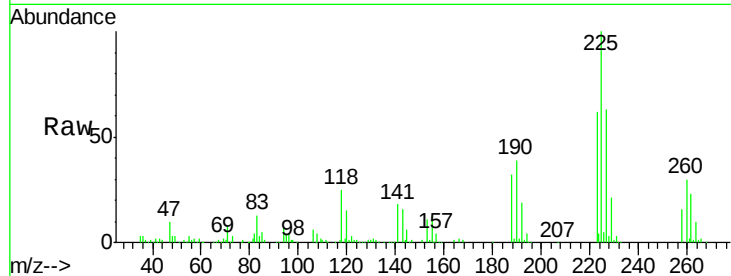
#34
Hexachlorobutadiene
Concen: 45.065 ng
RT: 11.19 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	210165		
223	61.8		51.1	76.7
227	62.7		50.9	76.3

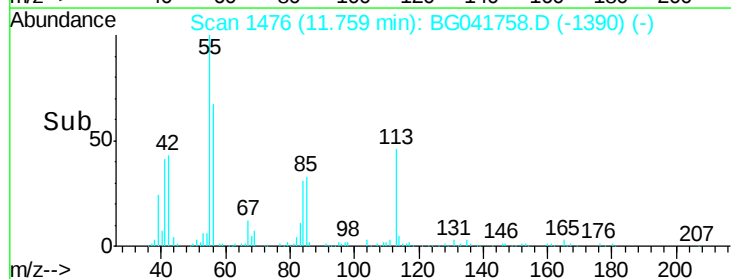
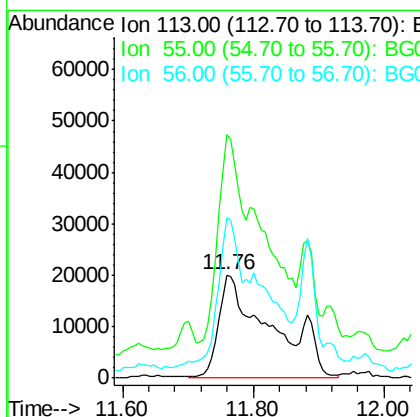
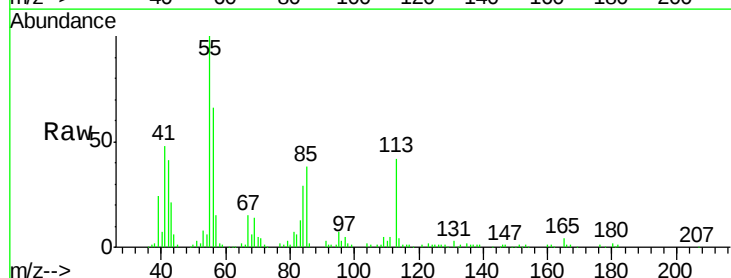
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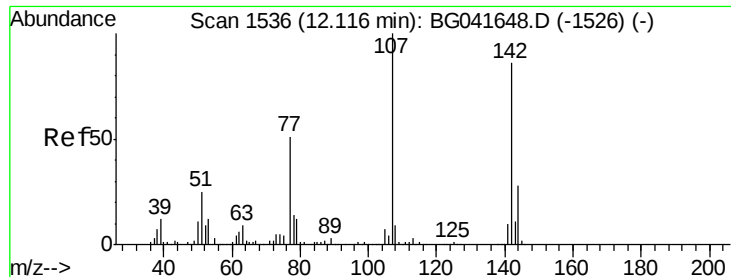
mohammad
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#35
Caprolactam
Concen: 49.256 ng m
RT: 11.76 min Scan# 1476
Delta R.T. -0.03 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	111880		
55	236.0		199.4	239.4
56	154.9		133.6	173.6





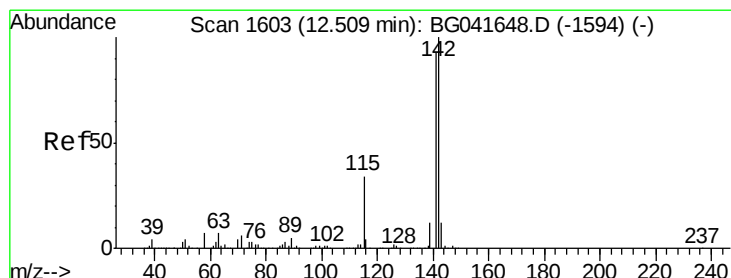
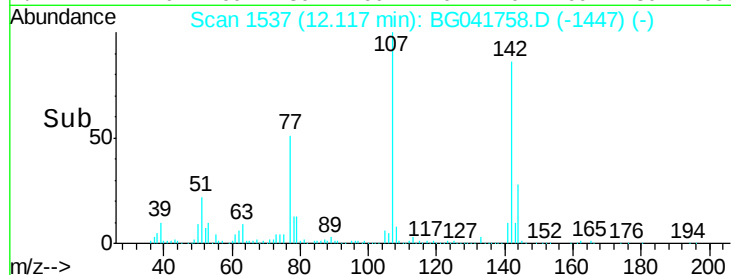
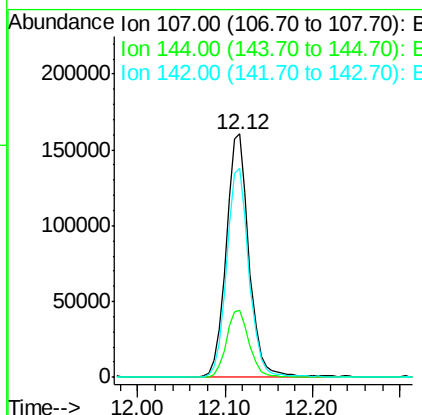
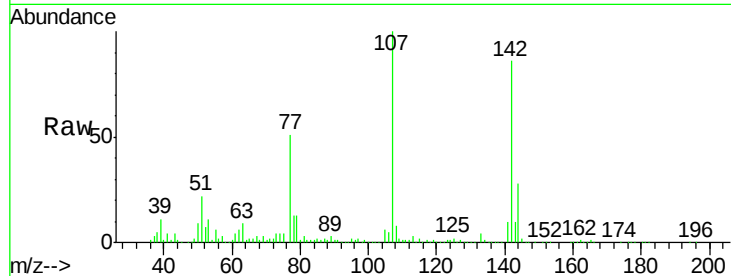
#36
4-Chloro-3-methylphenol
Concen: 43.854 ng
RT: 12.12 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.2
142	85.7	67.3	100.9

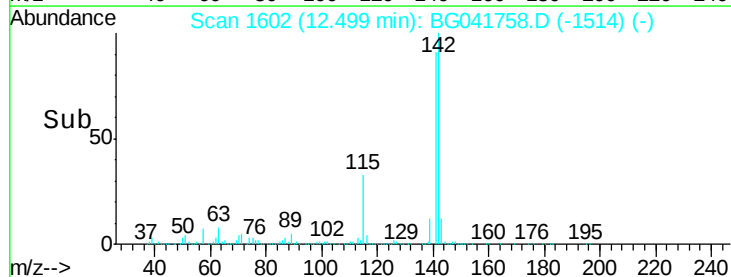
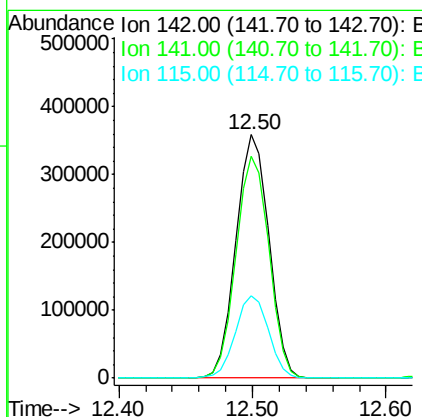
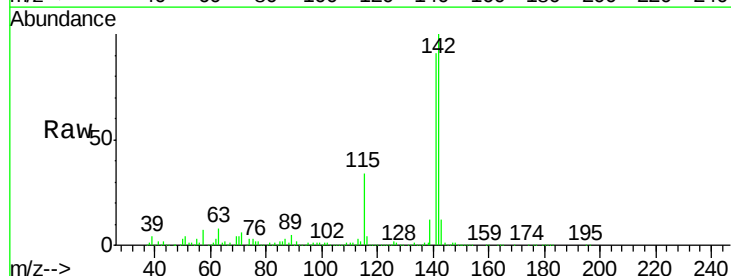
Manual Integrations
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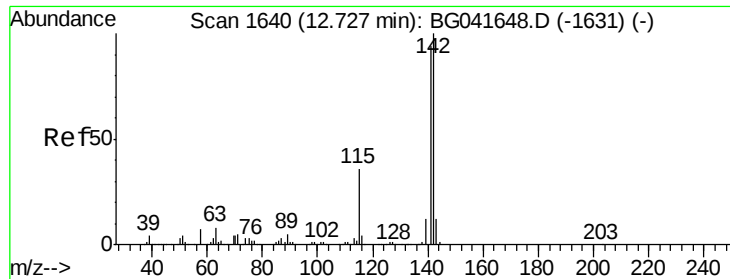
mohammad
7/24/2019 11:35:32 AM



#37
2-Methylnaphthalene
Concen: 42.891 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
115	33.6	27.0	40.4





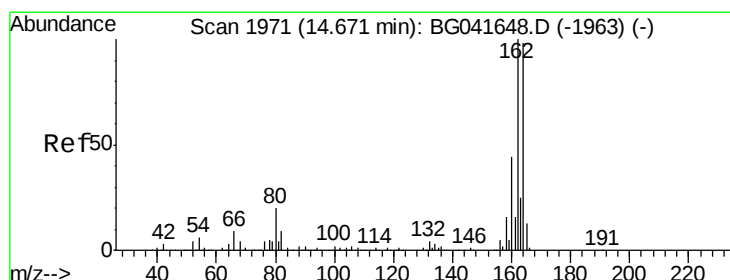
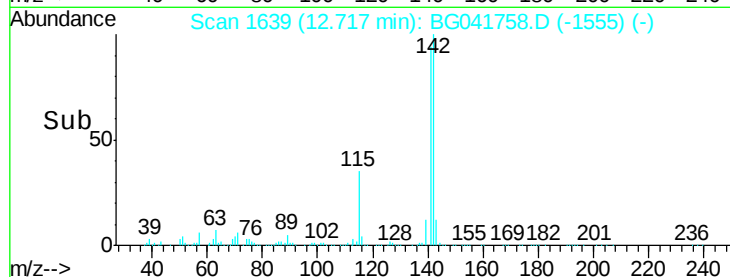
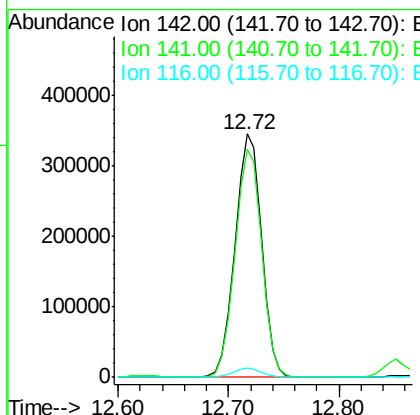
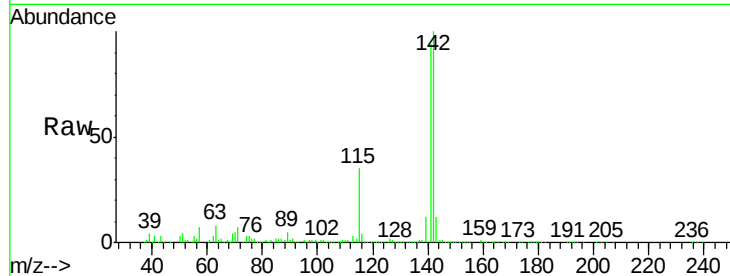
#38
1-Methylnaphthalene
Concen: 42.627 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.4	113.2
116	3.8	3.2	4.8

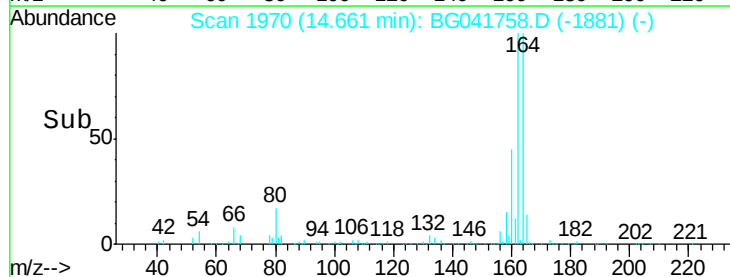
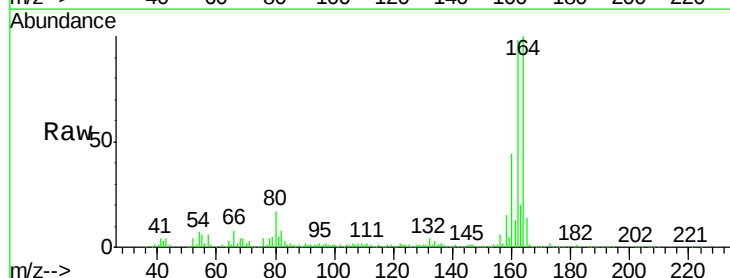
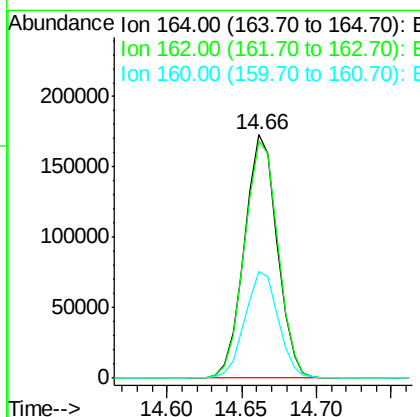
Manual Integrations
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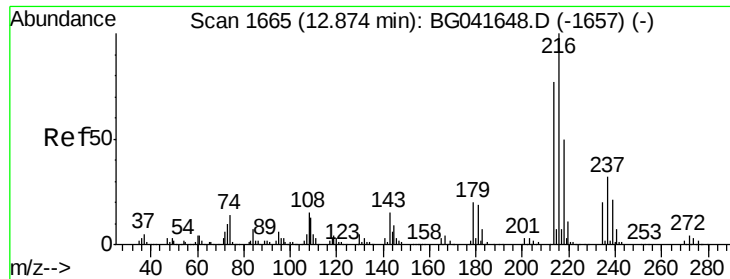
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.6	119.4
160	43.9	35.4	53.0





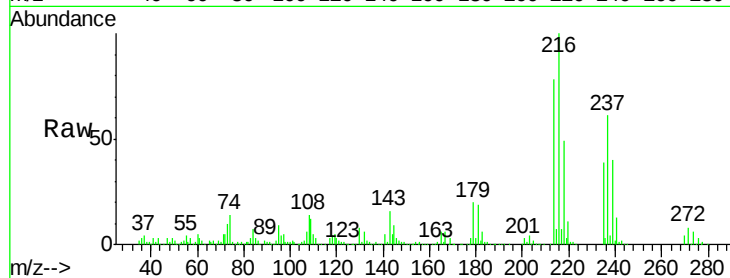
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.718 ng
 RT: 12.86 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

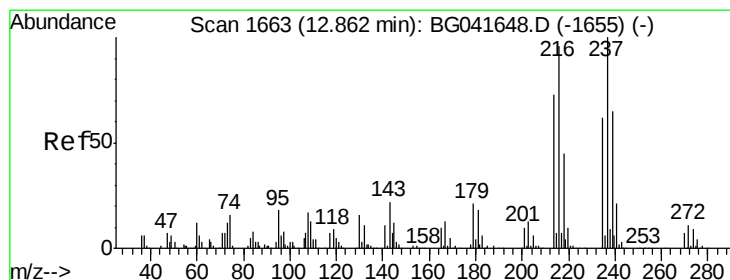
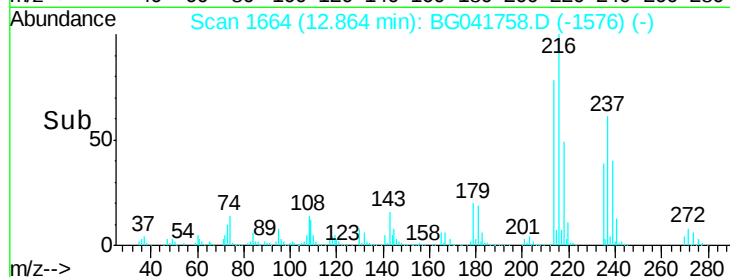
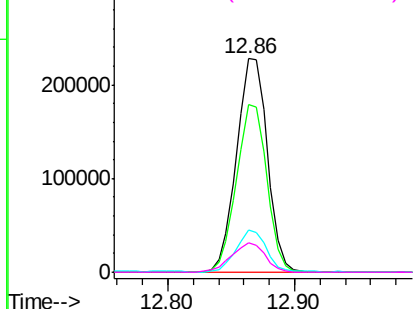
Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	77.3	61.5	92.3
179	19.4	16.2	24.2
108	14.8	13.2	19.8

Manual Integrations
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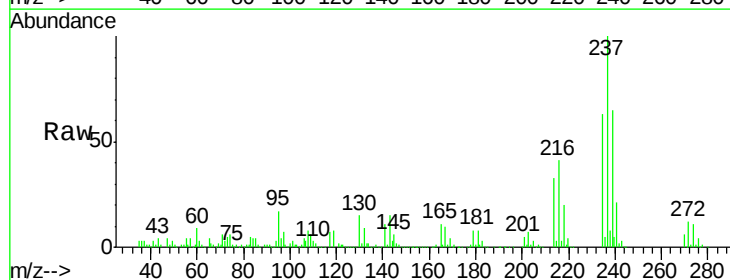


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

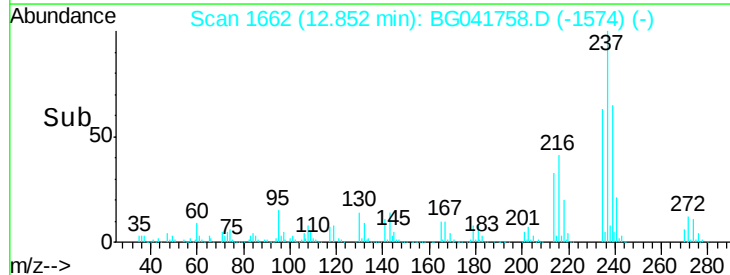
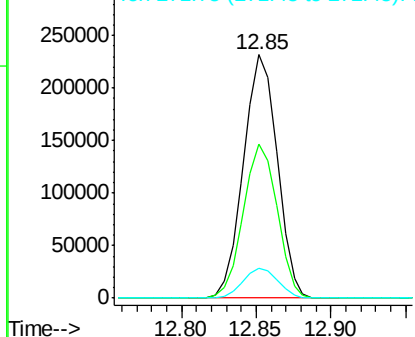


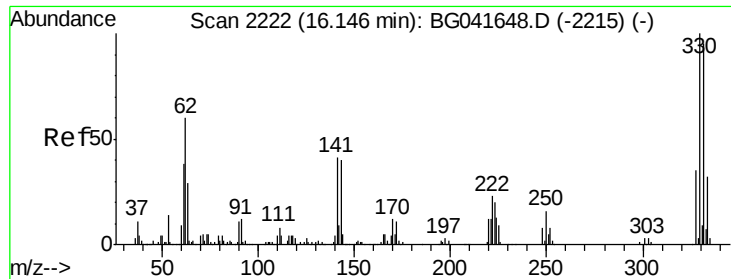
#41
 Hexachlorocyclopentadiene
 Concen: 71.306 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.3	43.5	83.5
272	12.2	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





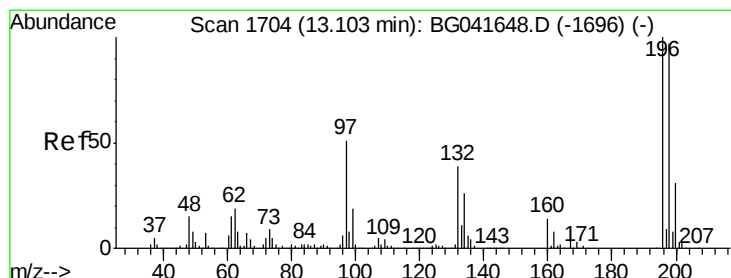
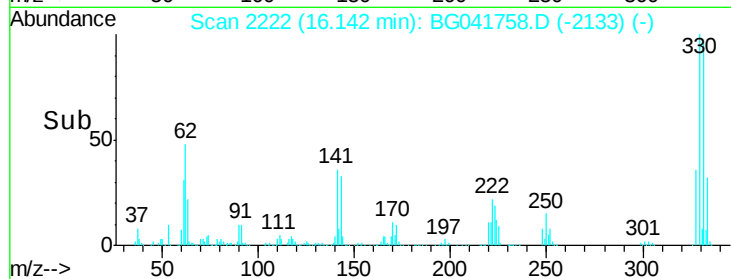
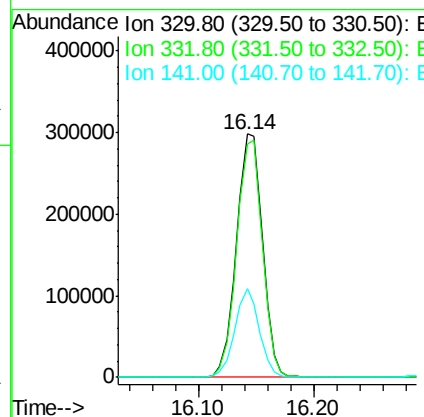
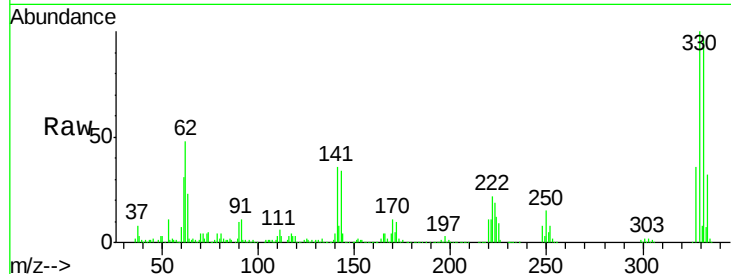
#42
 2,4,6-Tribromophenol
 Concen: 157.848 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	467064		
332	96.2	77.4	116.0	
141	33.7	31.9	47.9	

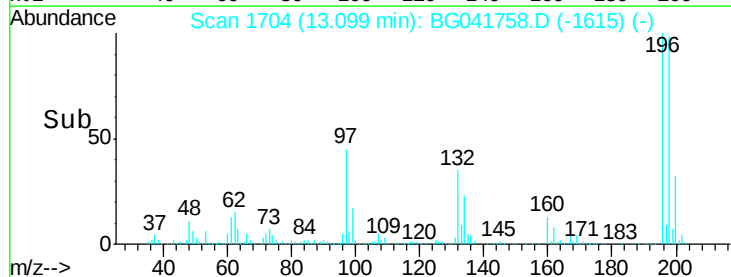
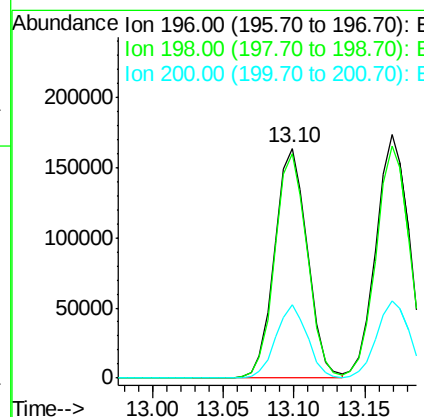
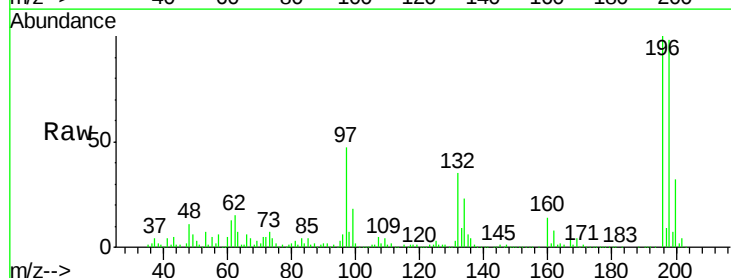
Manual Integrations
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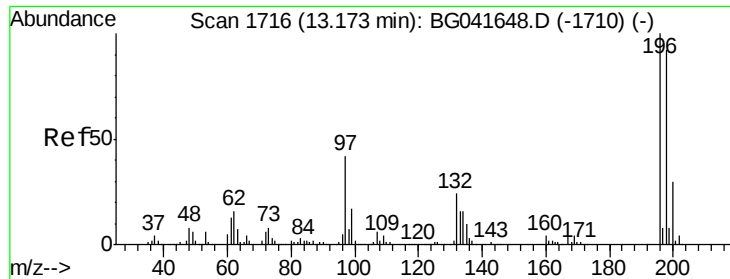
mohammad
 7/24/2019 11:35:32 AM



#43
 2,4,6-Trichlorophenol
 Concen: 45.530 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266059		
198	97.7	79.6	119.4	
200	32.1	25.2	37.8	





#44

2,4,5-Trichlorophenol

Concen: 46.722 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

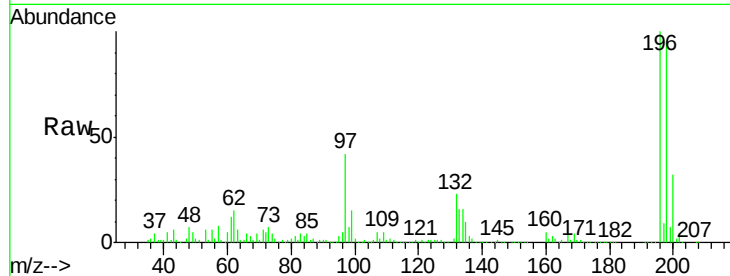
ClientSampled :

TP-1SMSD

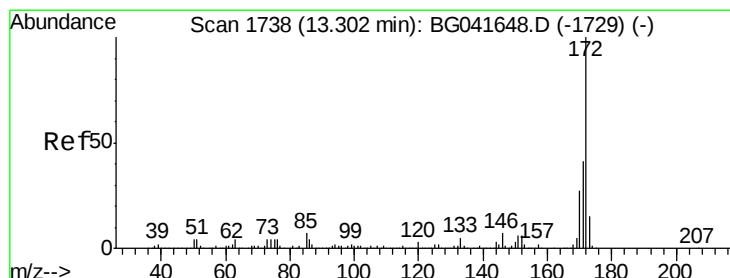
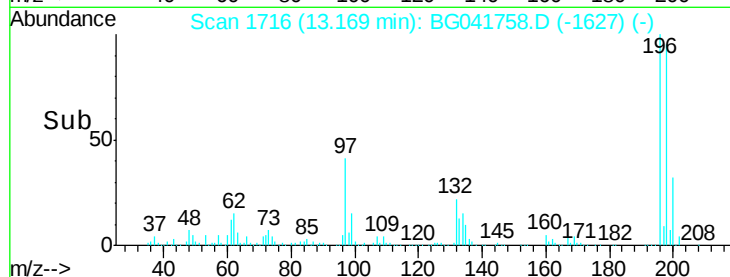
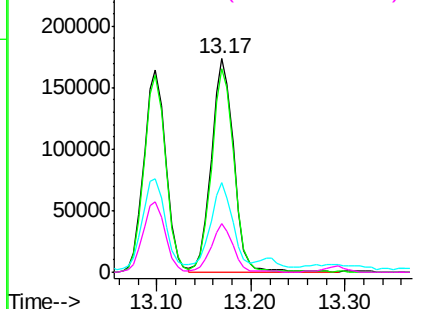
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		287659		
198	95.1	80.6	121.0		
97	42.0	33.9	50.9		
132	22.5	20.2	30.2		

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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): BG
Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 76.462 ng

RT: 13.29 min Scan# 1737

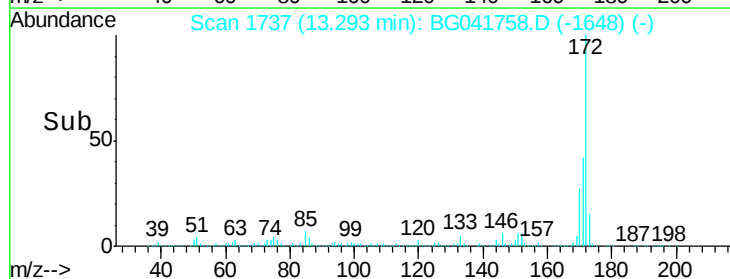
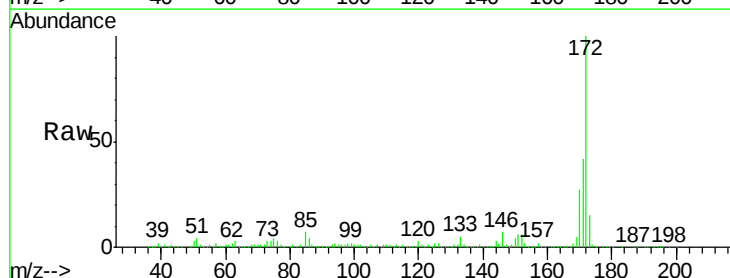
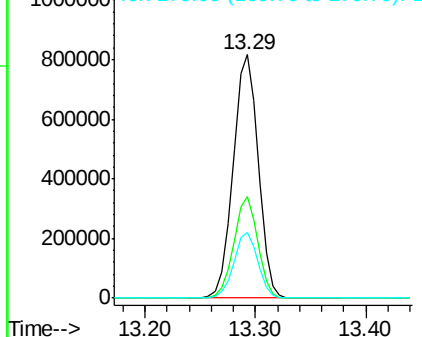
Delta R.T. -0.01 min

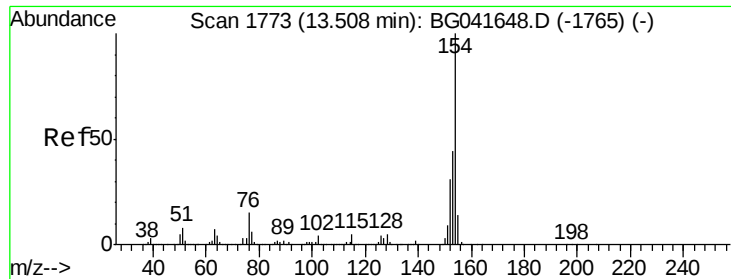
Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1296451		
171	41.5	35.0	52.4		
170	27.2	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





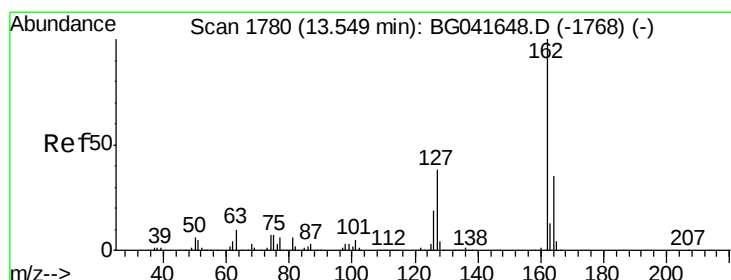
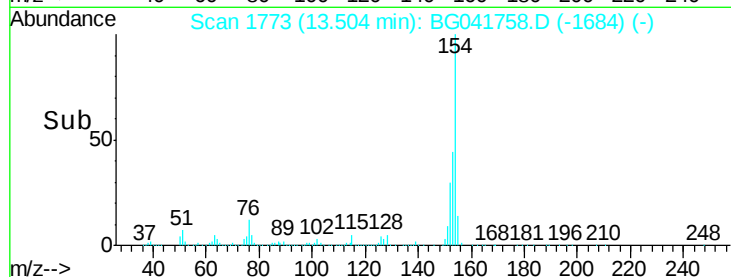
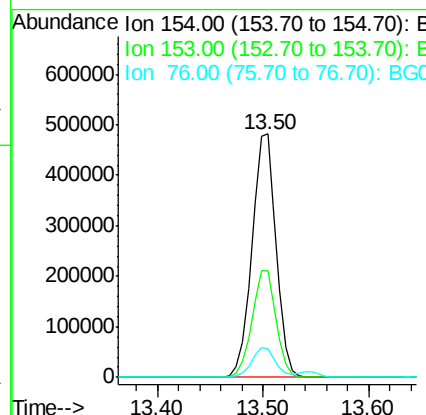
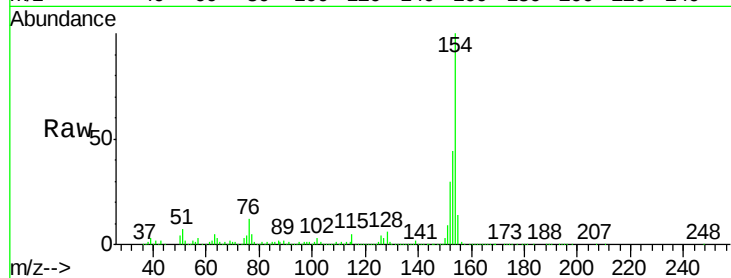
#46
 1,1'-Biphenyl
 Concen: 38.782 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.6	25.0	65.0
76	12.0	0.0	34.5

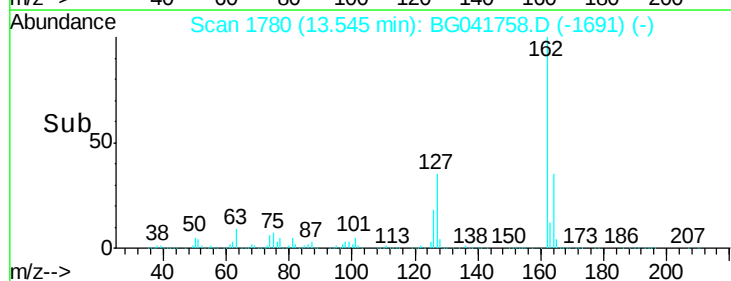
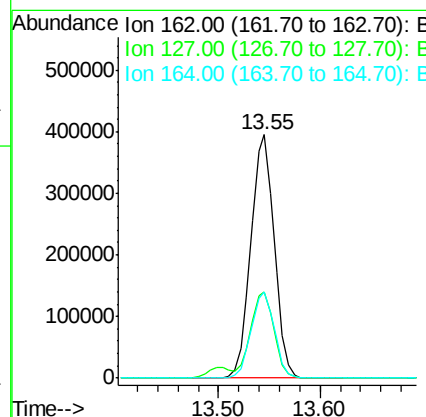
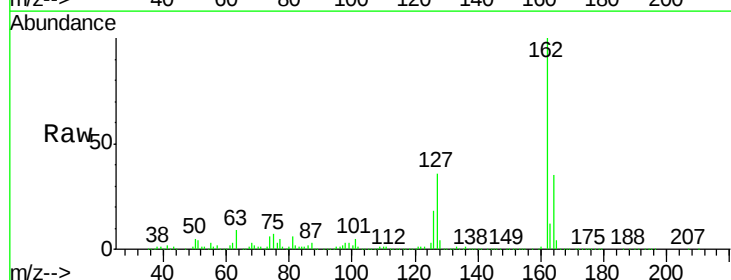
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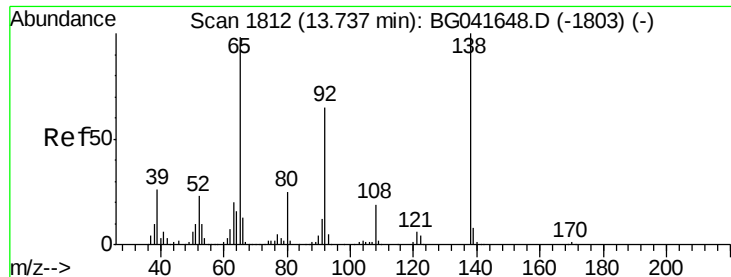
mohammad
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#47
 2-Chloronaphthalene
 Concen: 38.529 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.4	45.6
164	35.3	28.6	42.8





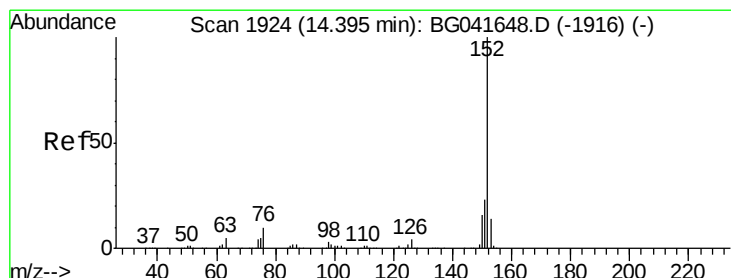
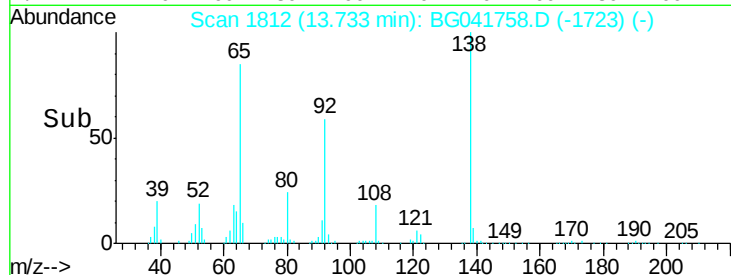
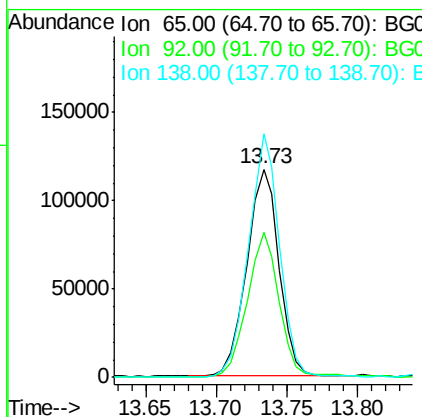
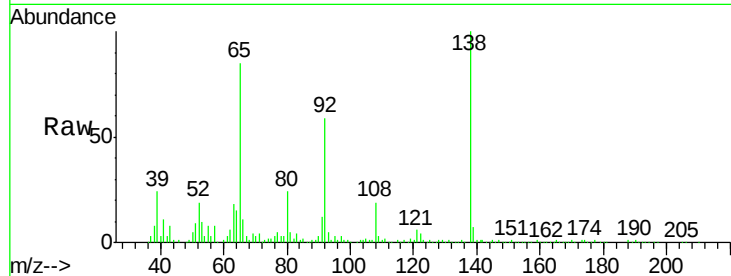
#48
2-Nitroaniline
Concen: 39.436 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.9	80.9
138	117.0	83.5	125.3

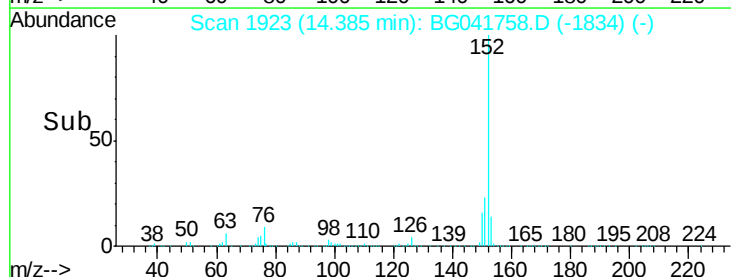
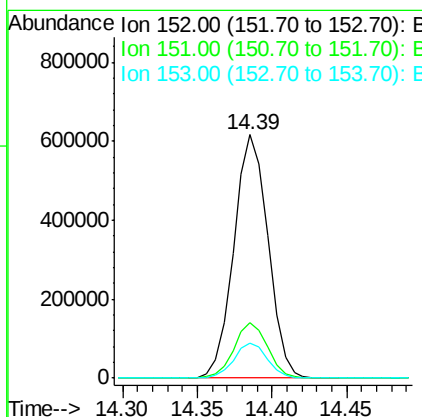
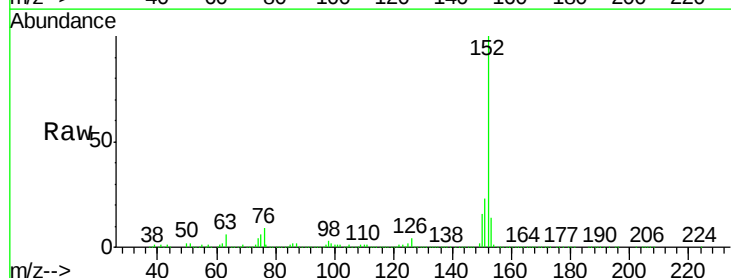
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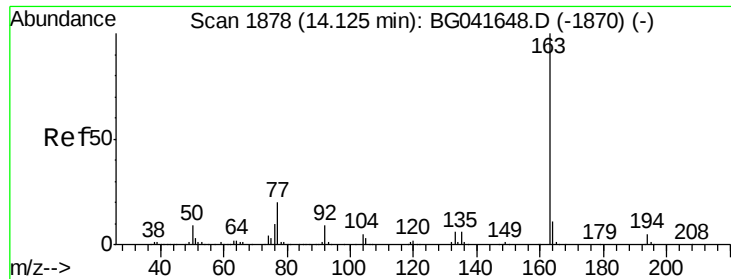
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#49
Acenaphthylene
Concen: 38.355 ng
RT: 14.39 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.8	18.7	28.1
153	14.4	12.4	18.6





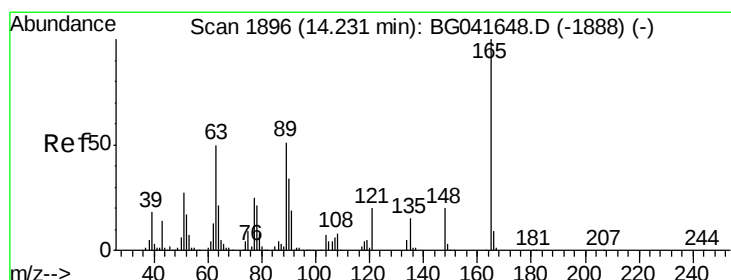
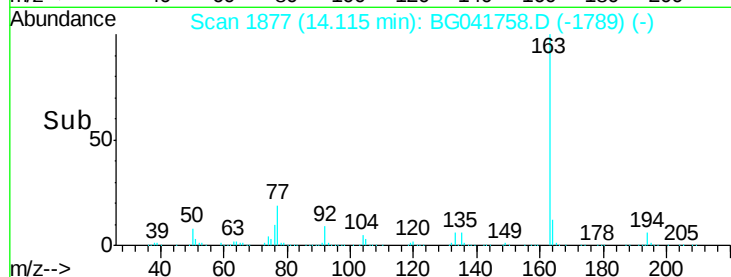
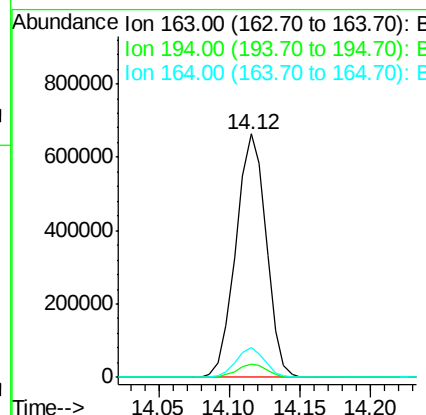
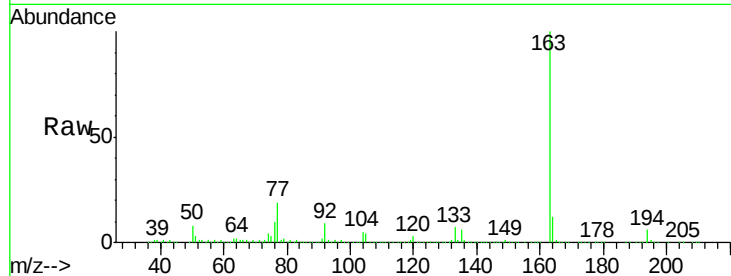
#50
Dimethylphthalate
Concen: 48.022 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	990256		
194	5.6	4.2	6.2	
164	12.0	9.4	14.2	

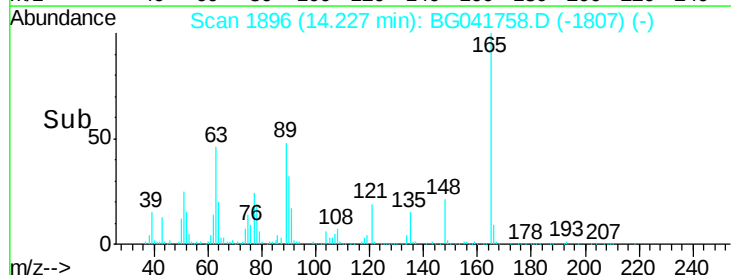
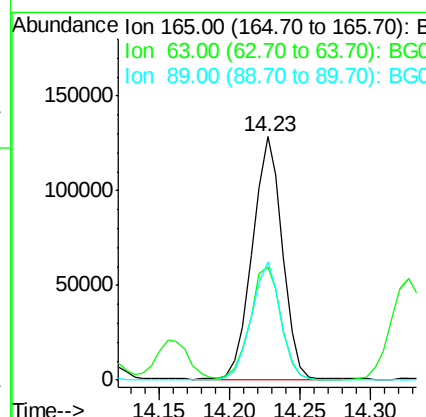
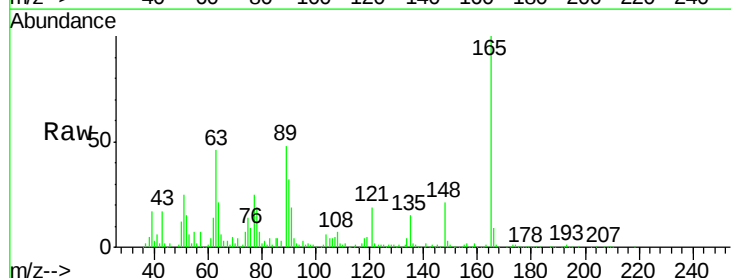
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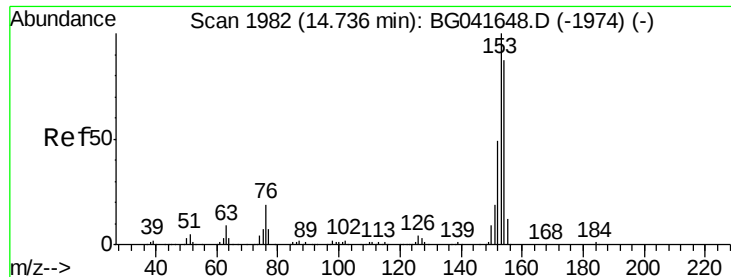
mohammad
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#51
2,6-Dinitrotoluene
Concen: 43.672 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191017		
63	46.3	42.4	63.6	
89	48.4	42.1	63.1	





#52

Acenaphthene

Concen: 37.281 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

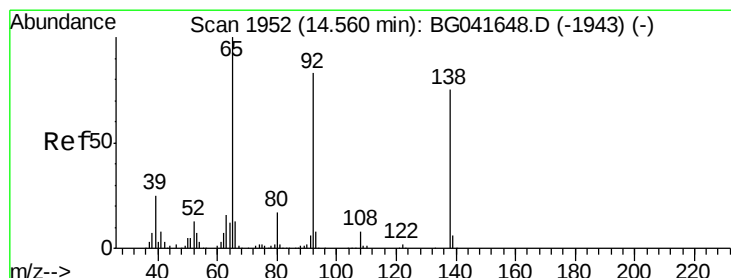
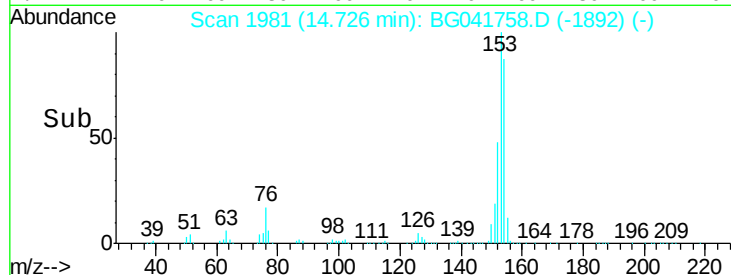
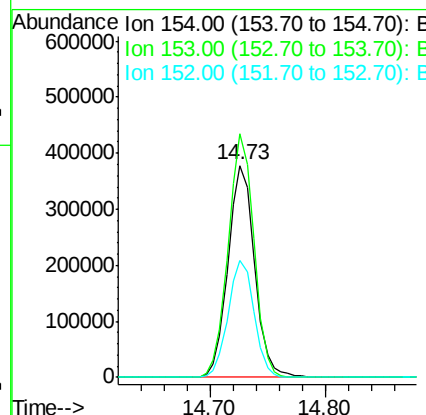
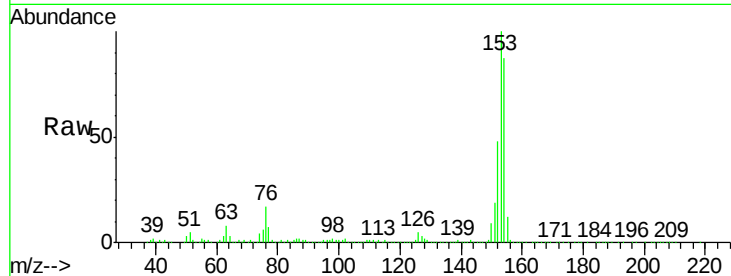
ClientSampleId :

TP-1SMSD

Tot Ion:	154	Resp:	601246
Ion Ratio	Lower	Upper	
154	100		
153	114.9	89.8	134.6
152	55.0	44.9	67.3

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#53

3-Nitroaniline

Concen: 29.164 ng

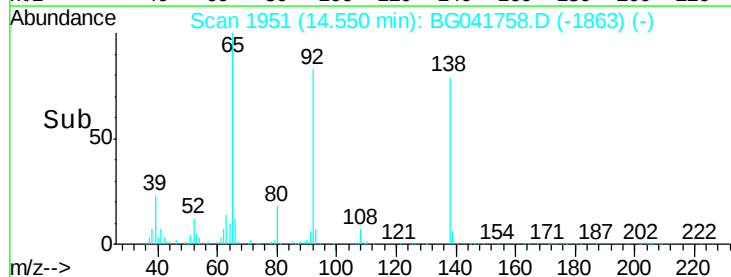
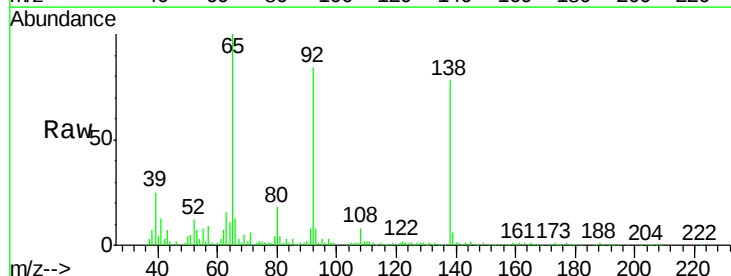
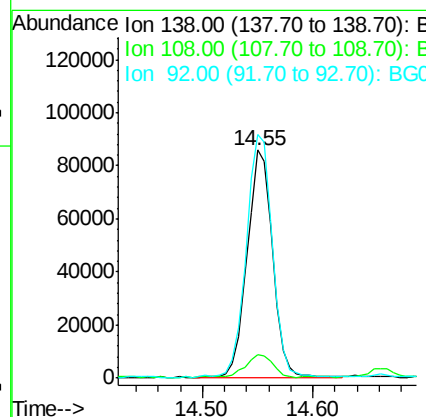
RT: 14.55 min Scan# 1951

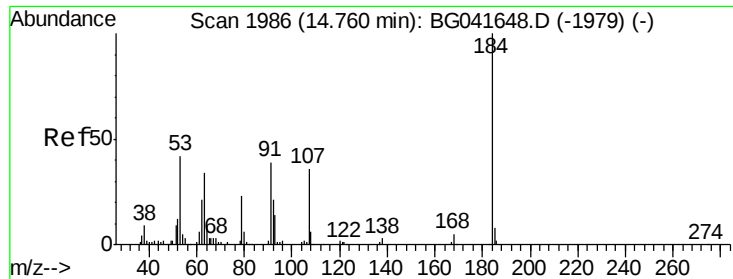
Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion:	138	Resp:	139249
Ion Ratio	Lower	Upper	
138	100		
108	10.1	10.3	15.5#
92	106.8	93.0	139.4





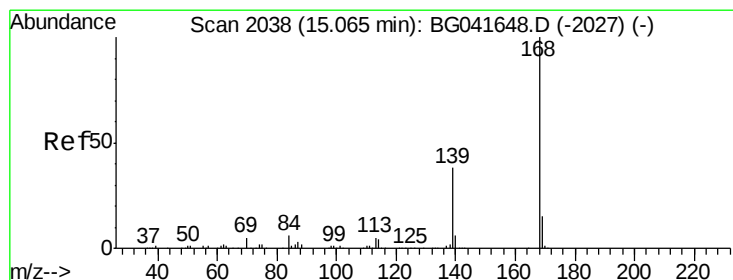
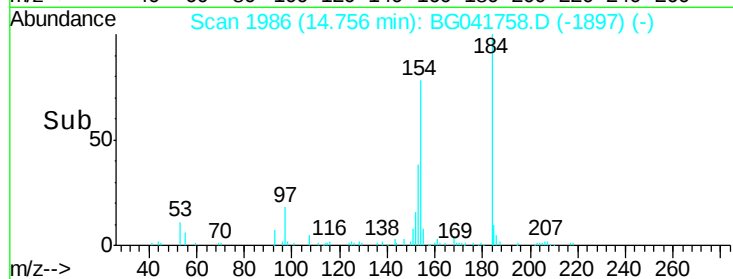
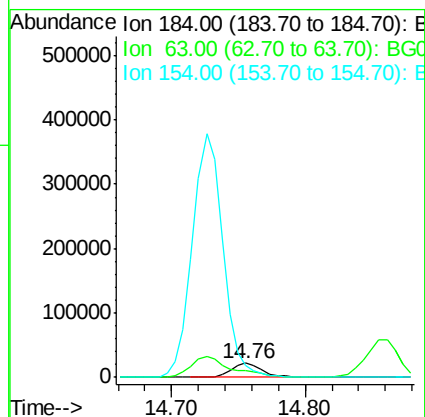
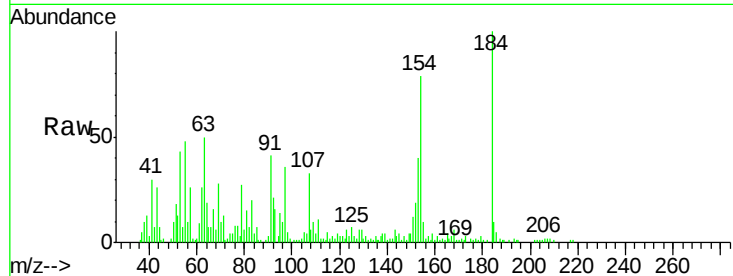
#54
2,4-Dinitrophenol
Concen: 22.960 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.2	43.2	64.8
154	79.2	51.4	77.2#

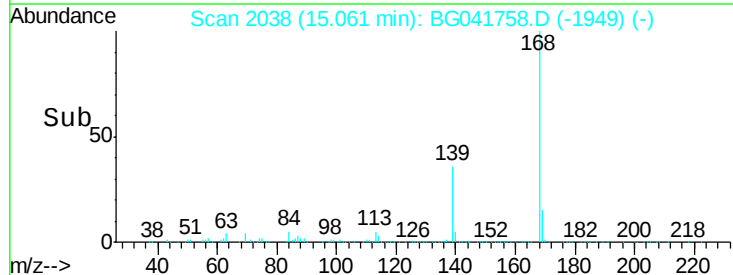
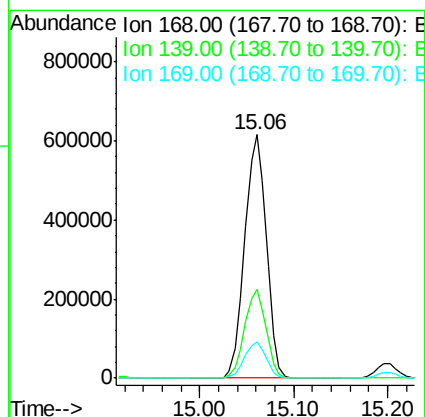
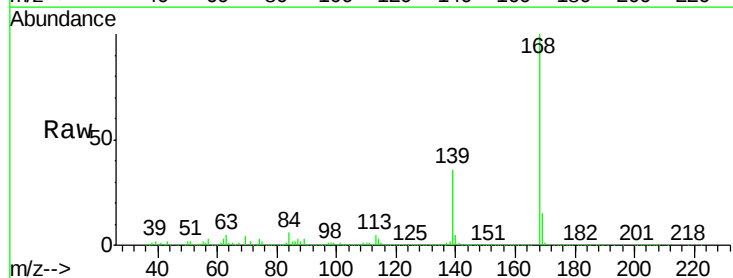
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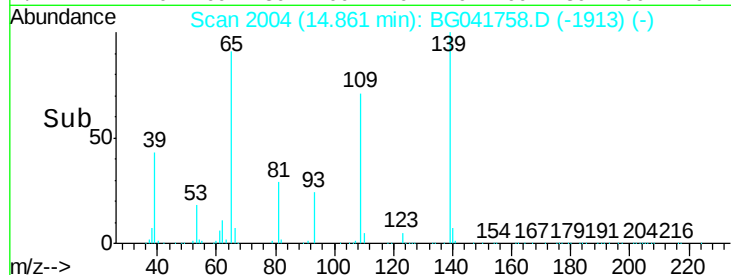
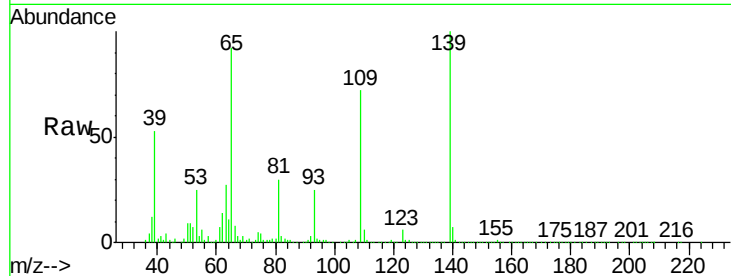
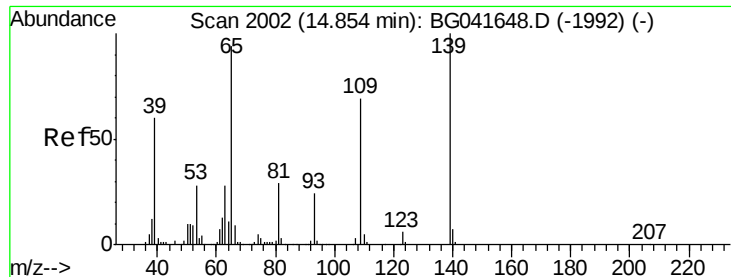
mohammad
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#55
Dibenzofuran
Concen: 40.362 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.3	31.9	47.9
169	14.9	12.5	18.7





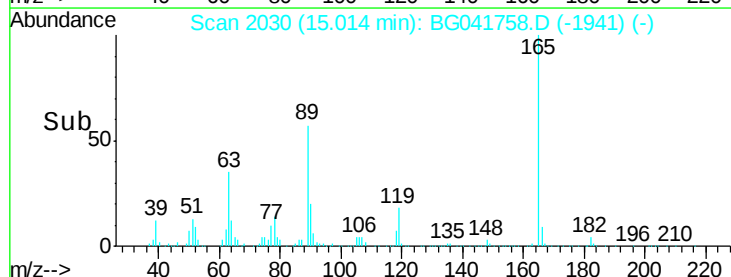
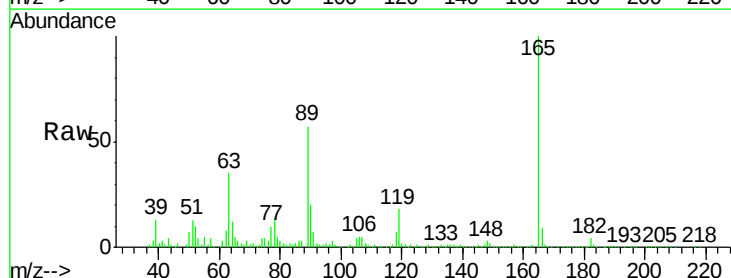
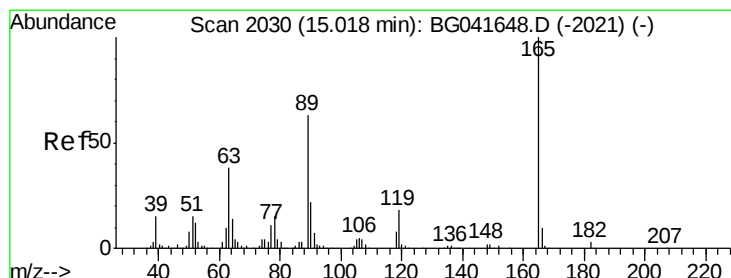
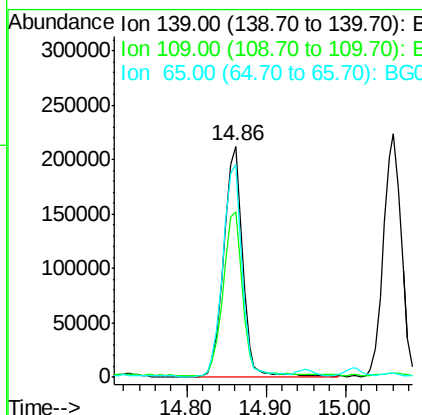
#56
4-Nitrophenol
Concen: 91.362 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tot Ion	Ratio	Resp	Lower	Upper
139	100	353173		
109	71.9	51.3	91.3	
65	92.4	77.6	117.6	

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

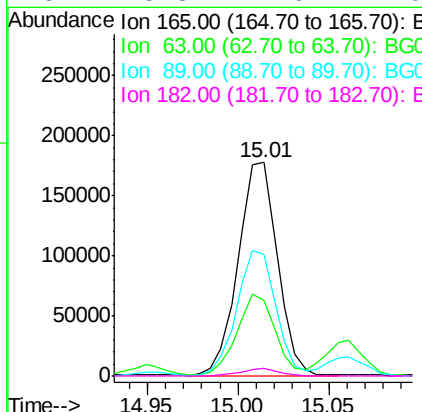
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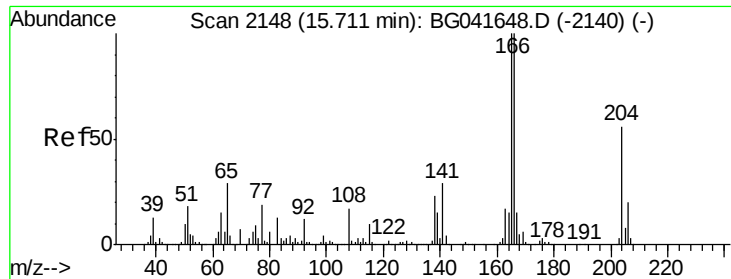
mohammad
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#57
2,4-Dinitrotoluene
Concen: 46.322 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	267823		
63	35.4	31.7	47.5	
89	56.7	50.2	75.4	
182	3.8	2.6	4.0	





#58

Fluorene

Concen: 40.105 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

Tot Ion:166 Resp: 789745

Ion Ratio Lower Upper

166 100

165 98.8 80.5 120.7

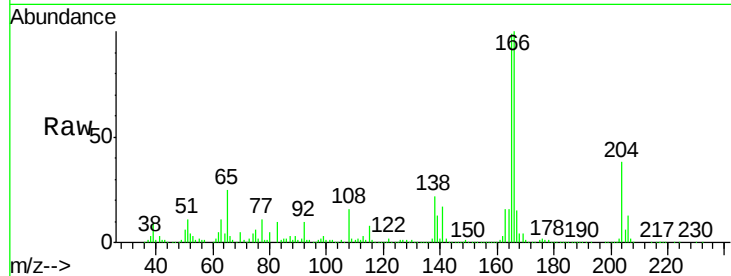
167 15.0 12.4 18.6

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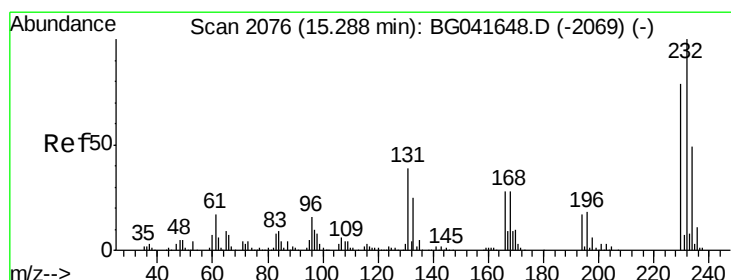
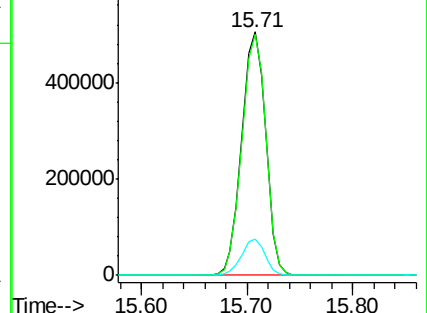
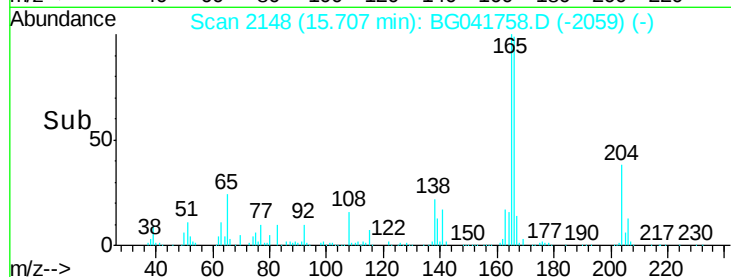
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 49.611 ng

RT: 15.28 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion:232 Resp: 281986

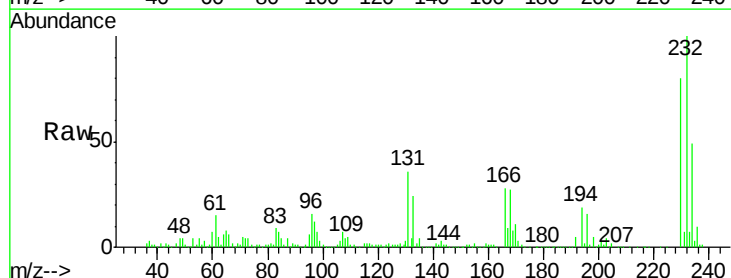
Ion Ratio Lower Upper

232 100

131 35.0 31.8 47.6

130 2.6 1.8 2.8

166 26.7 23.5 35.3

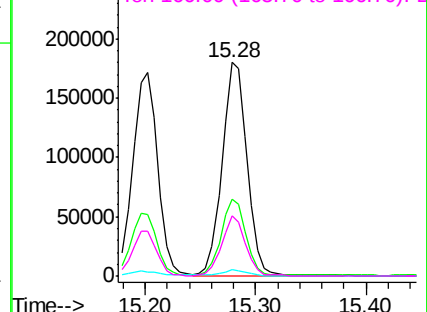
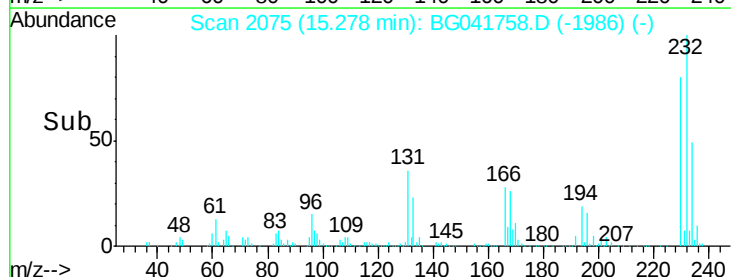


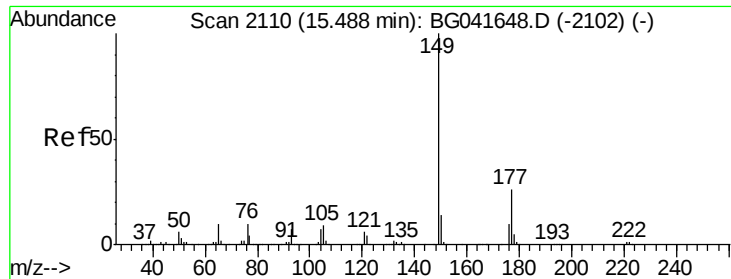
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





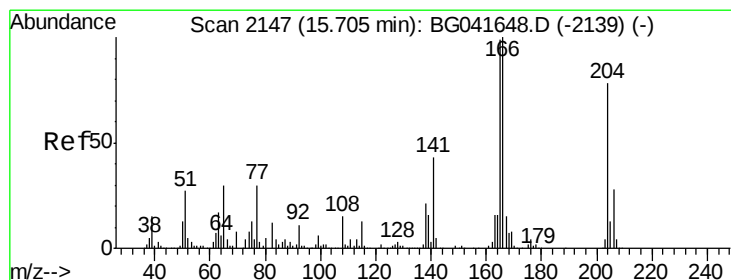
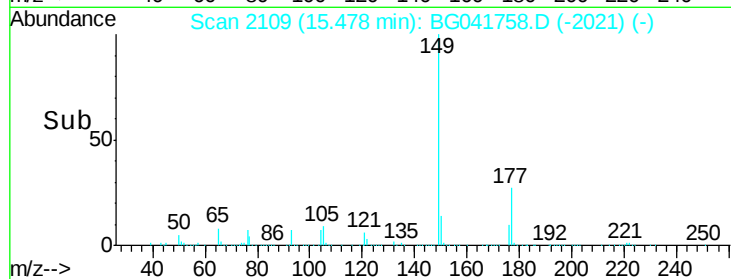
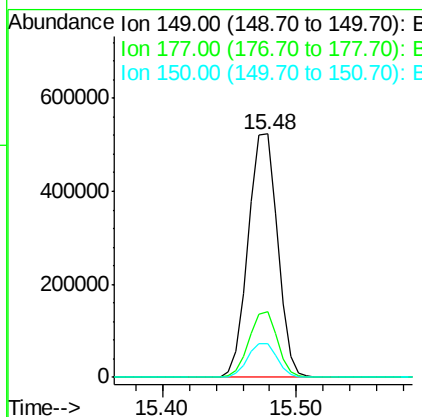
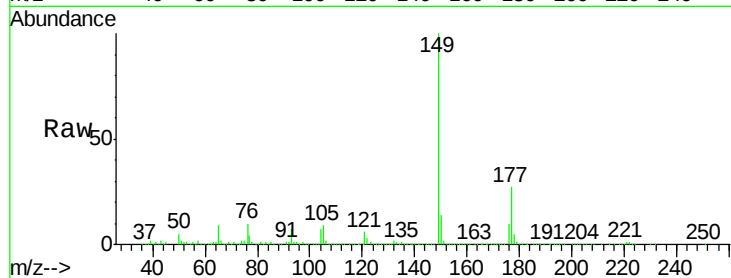
#60
Diethylphthalate
Concen: 37.948 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.8	20.7	31.1
150	13.9	11.5	17.3

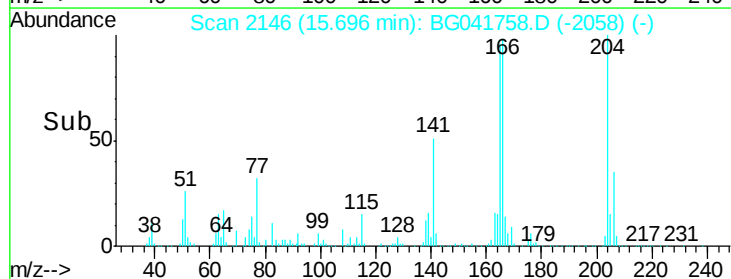
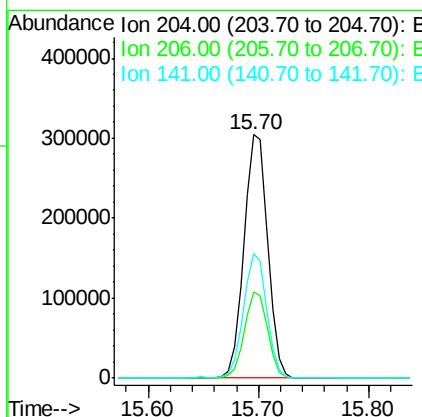
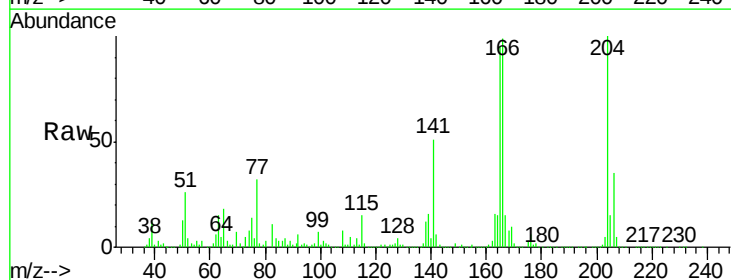
Manual Integrations
APPROVED

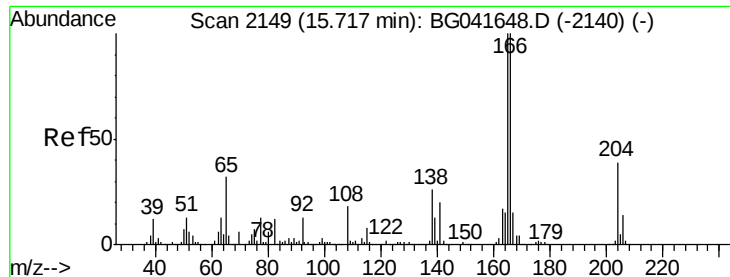
mohammad
7/24/2019 11:35:32 AM



#61
4-Chlorophenyl-phenylether
Concen: 41.343 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.6	42.8
141	50.9	42.9	64.3





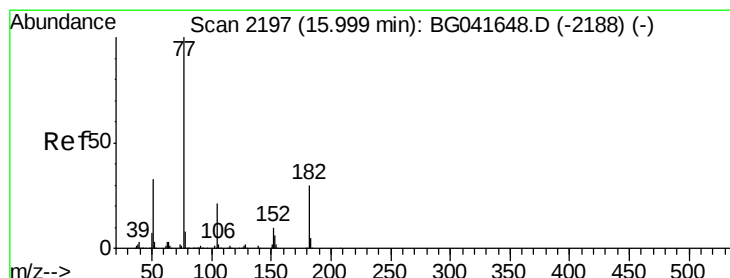
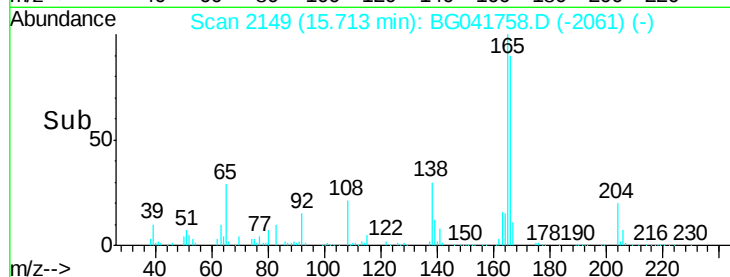
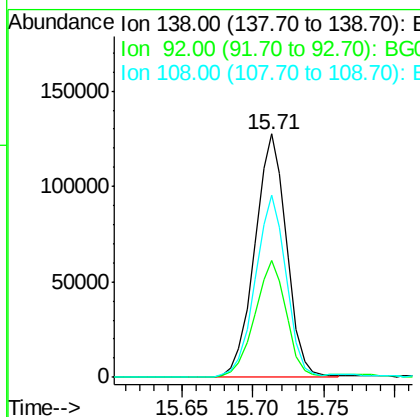
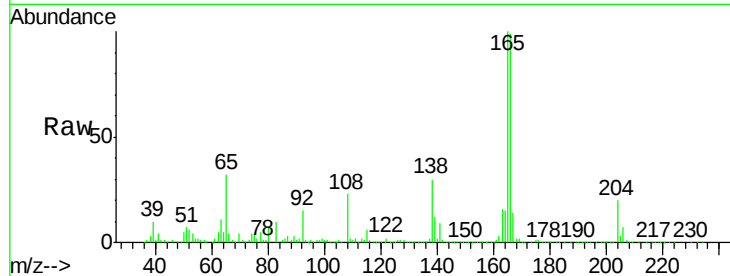
#62
4-Nitroaniline
Concen: 39.967 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	202386		
92	48.3	29.8	69.8	
108	74.7	52.2	92.2	

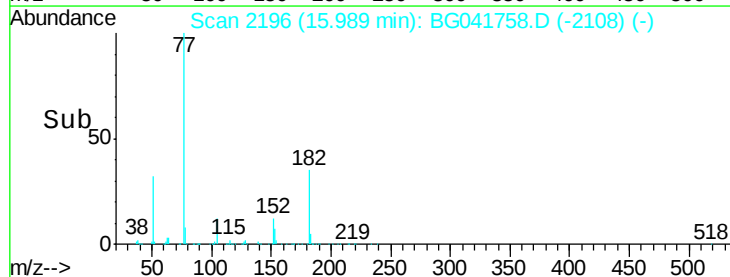
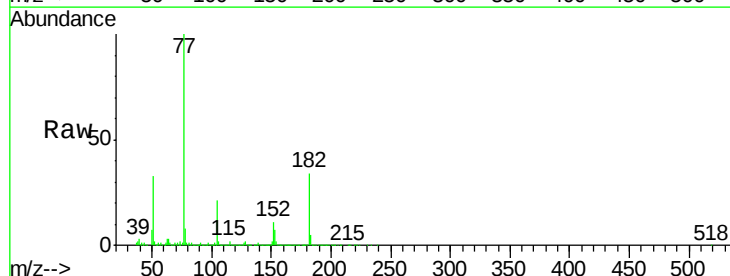
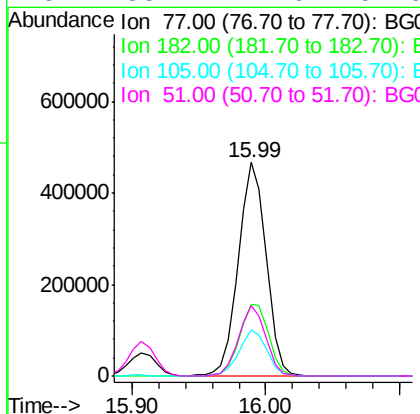
Manual Integrations
APPROVED

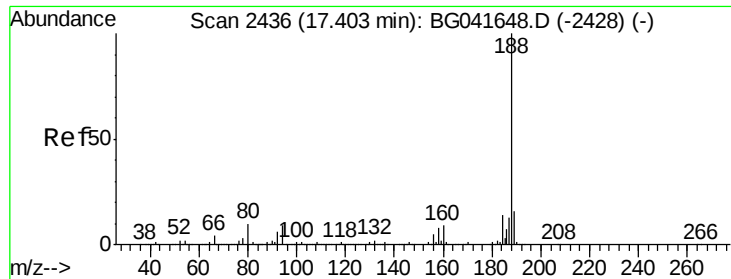
mohammad
7/24/2019 11:35:32 AM



#63
Azobenzene
Concen: 35.428 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	665382		
182	33.6	13.2	53.2	
105	21.5	2.2	42.2	
51	33.2	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: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

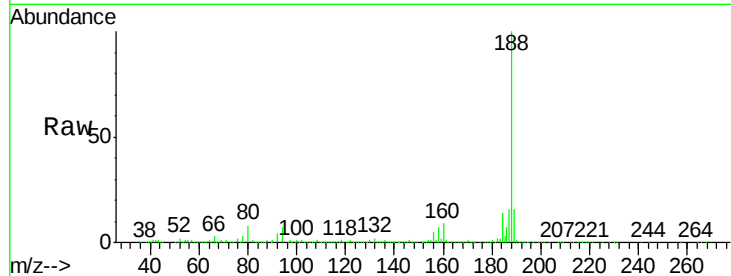
ClientSampleId :

TP-1SMSD

Tot Ion:	188	Resp:	582090
Ion Ratio	Lower	Upper	
188	100		
94	7.0	6.9	10.3
80	8.2	8.0	12.0

Manual Integrations
APPROVED

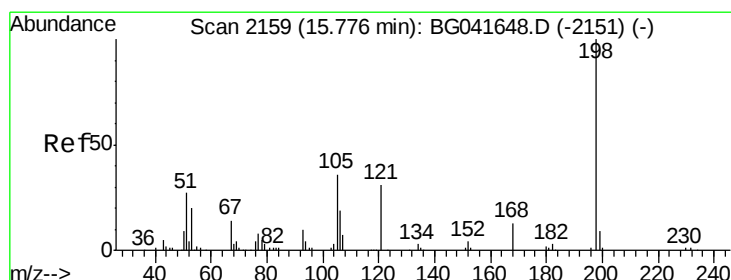
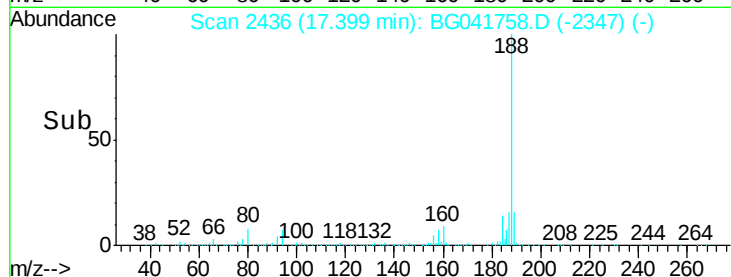
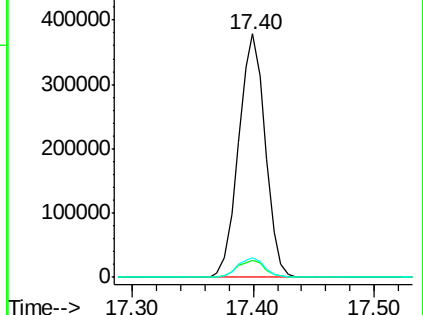
mohammad
7/24/2019 11:35:32 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 39.834 ng

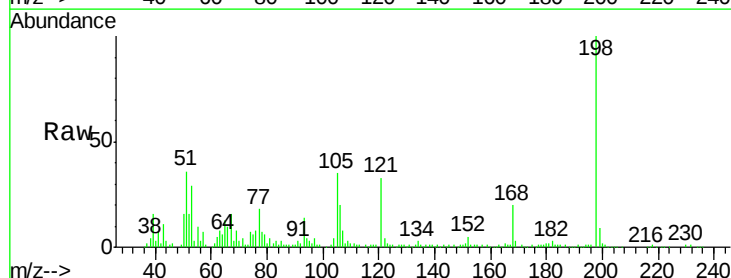
RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

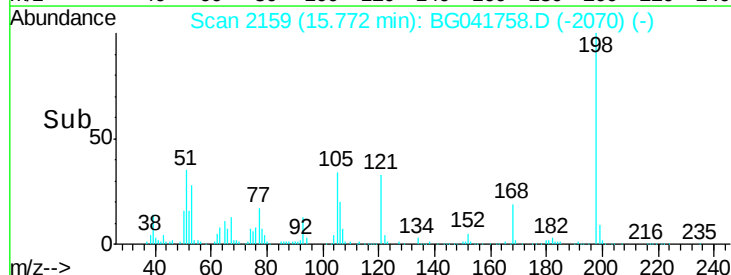
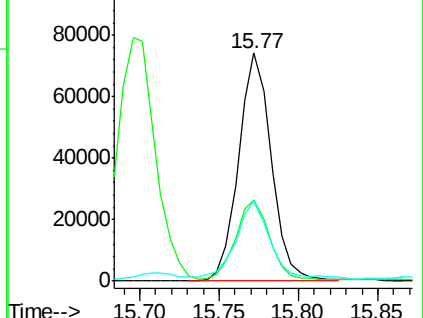
Tgt Ion:	198	Resp:	106428
Ion Ratio	Lower	Upper	
198	100		
51	35.7	22.3	62.3
105	35.0	18.0	58.0

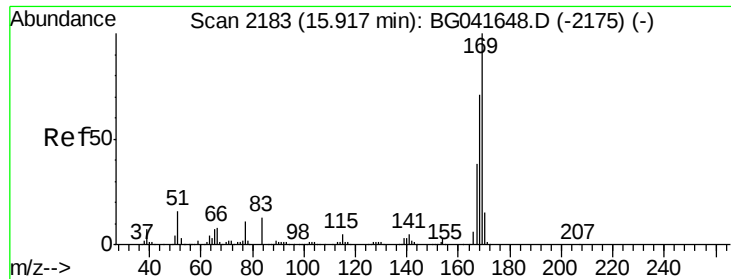


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





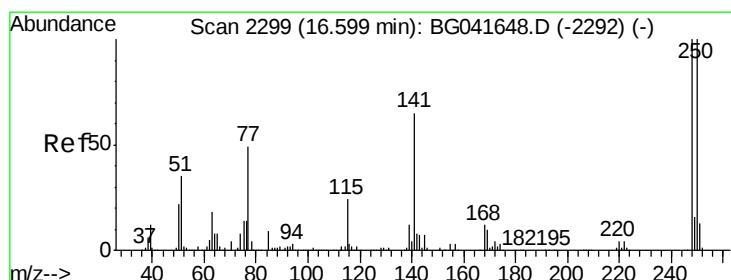
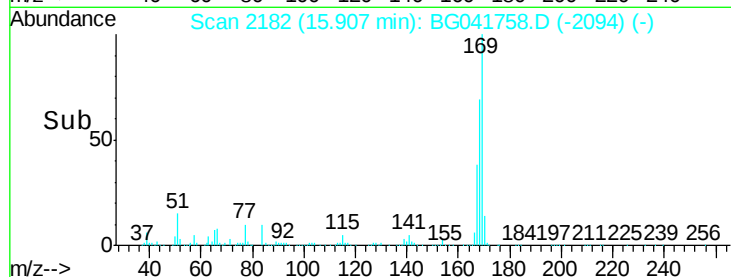
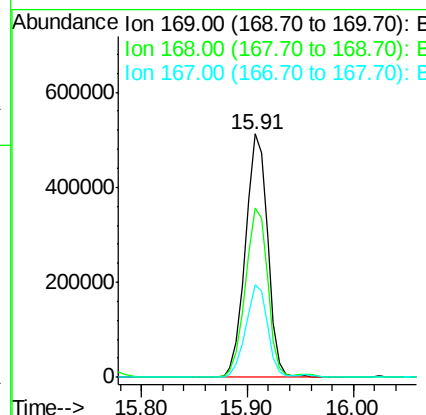
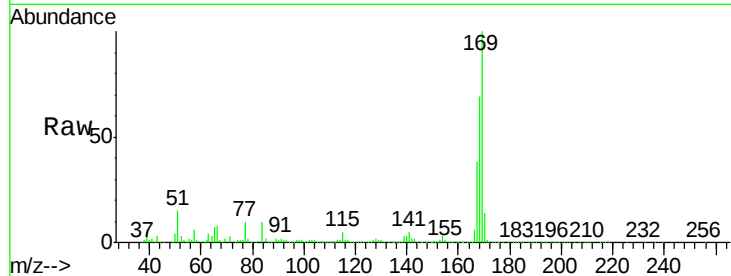
#66
n-Nitrosodiphenylamine
Concen: 43.461 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	742926		
168	69.3		56.9	85.3
167	37.9		31.5	47.3

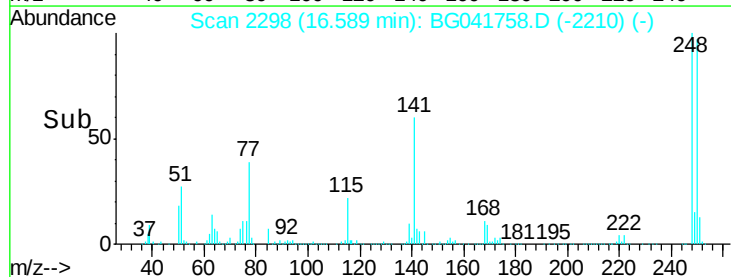
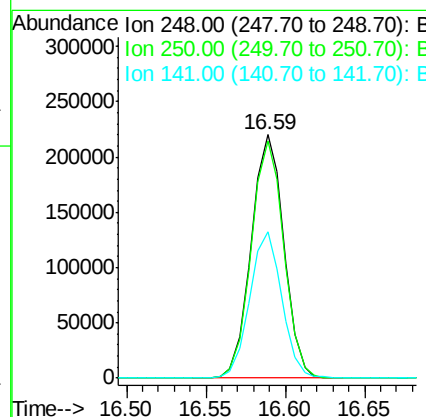
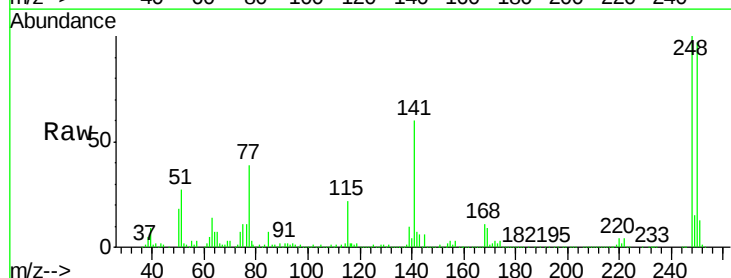
Manual Integrations
APPROVED

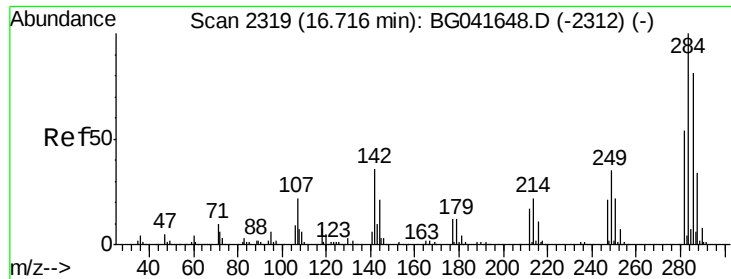
mohammad
7/24/2019 11:35:32 AM



#67
4-Bromophenyl-phenylether
Concen: 45.377 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	314284		
250	97.2		78.1	117.1
141	60.4		49.6	74.4





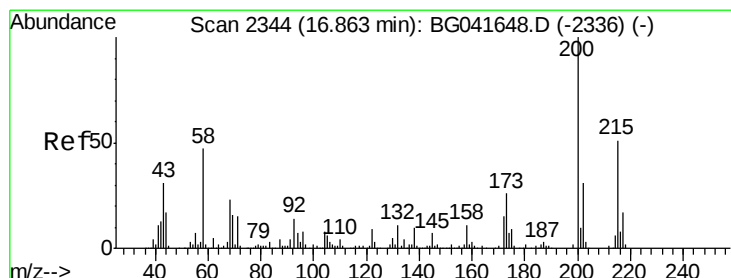
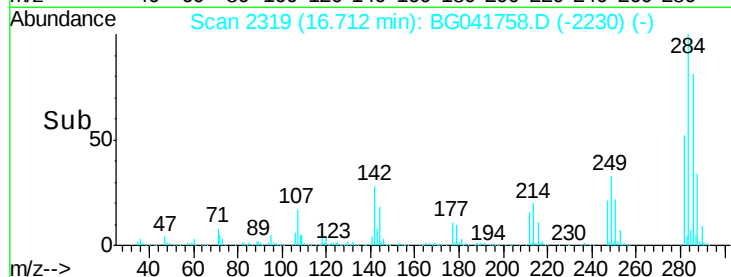
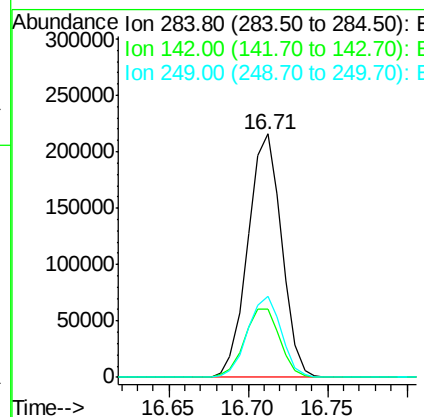
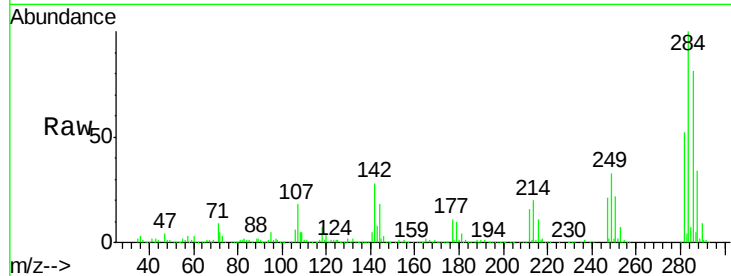
#68
Hexachlorobenzene
Concen: 45.838 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampled :
TP-1SMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	319698		
142	28.2		27.0	40.6
249	33.2		28.4	42.6

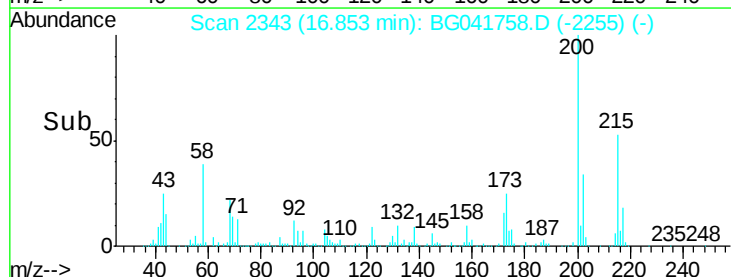
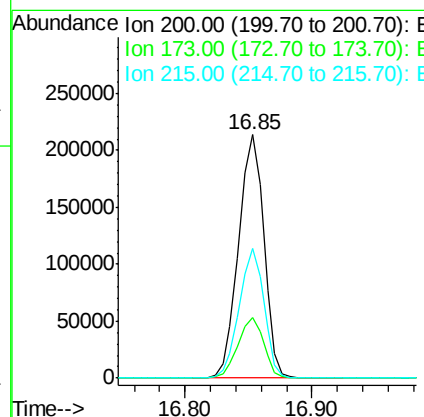
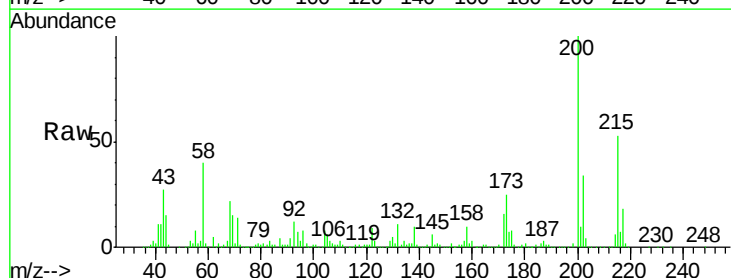
Manual Integrations
APPROVED

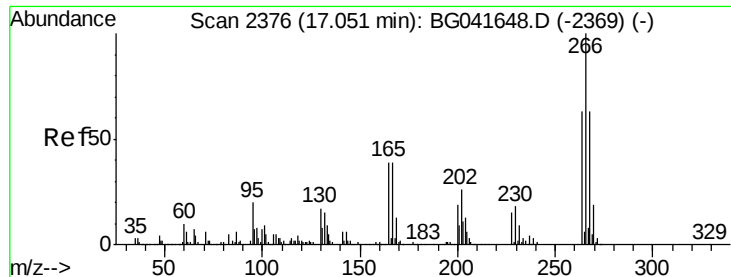
mohammad
7/24/2019 11:35:32 AM



#69
Atrazine
Concen: 47.536 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	294882		
173	24.8		5.3	45.3
215	53.4		31.8	71.8





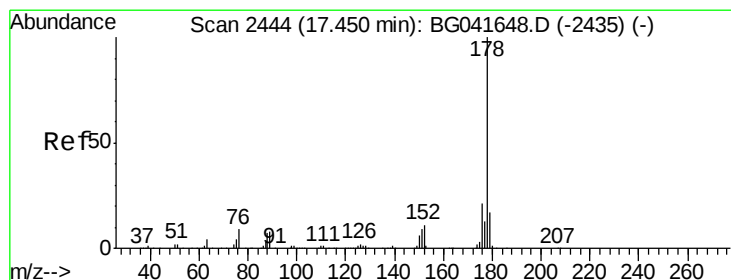
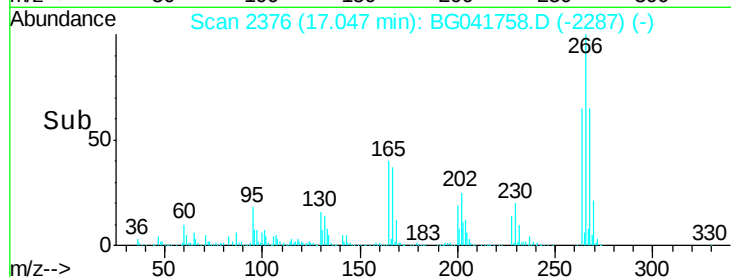
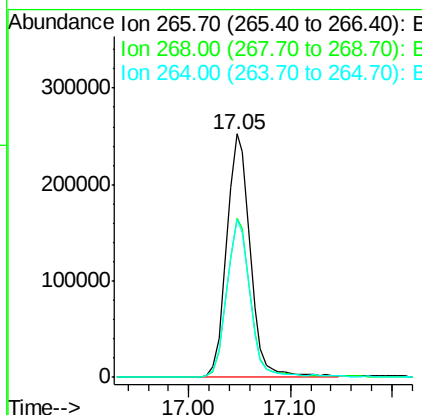
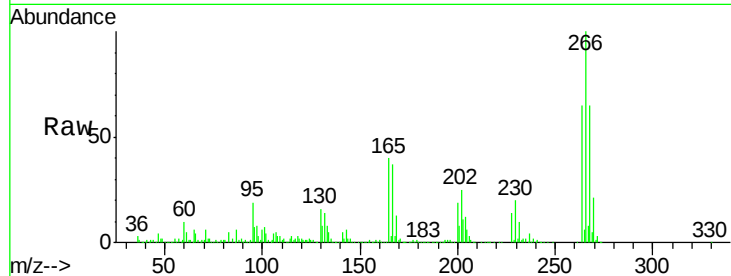
#70
 Pentachlorophenol
 Concen: 93.868 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	409349		
268	65.3	52.9	79.3	
264	64.7	51.4	77.2	

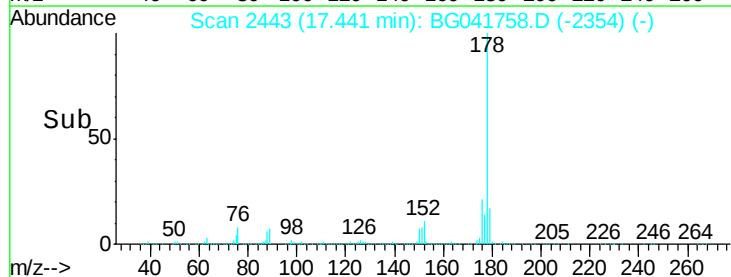
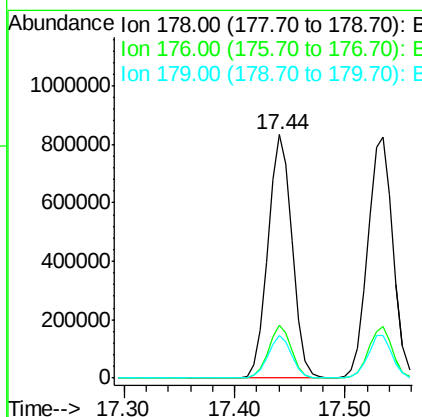
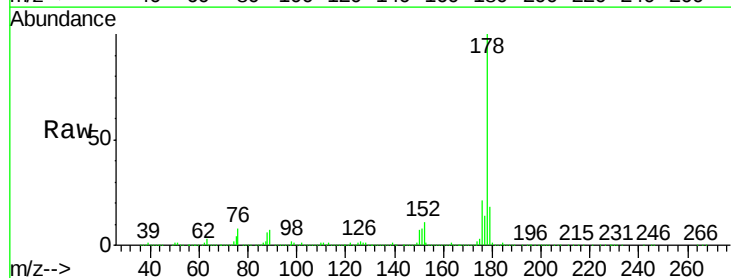
Manual Integrations
 APPROVED

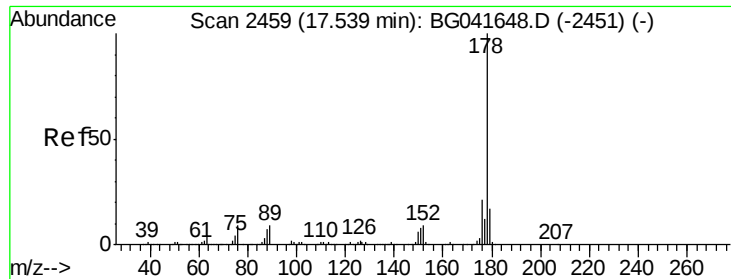
mohammad
 7/24/2019 11:35:32 AM



#71
 Phenanthrene
 Concen: 43.486 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1274767		
176	21.5	18.6	28.0	
179	17.6	15.4	23.0	





#72

Anthracene

Concen: 44.772 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampled :

TP-1SMSD

Tot Ion:178 Resp: 1308238

Ion Ratio Lower Upper

178 100

176 21.5 18.6 28.0

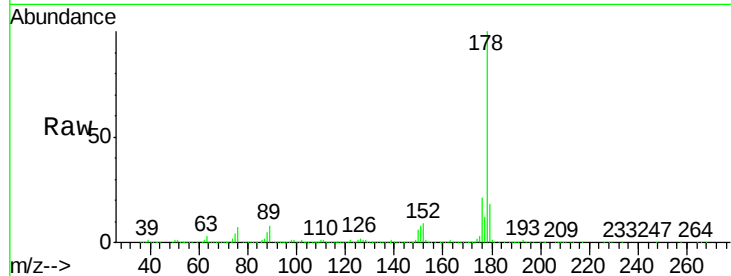
179 18.0 15.1 22.7

Manual Integrations

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mohammad

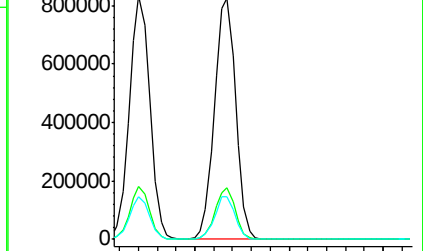
7/24/2019 11:35:32 AM



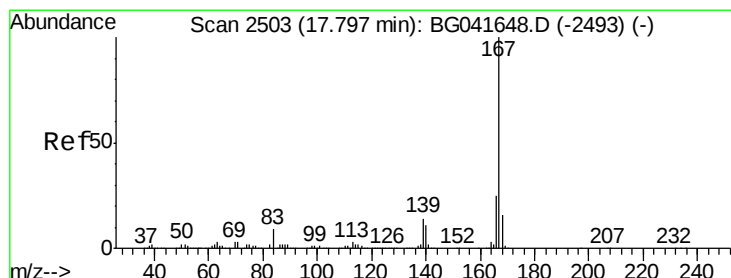
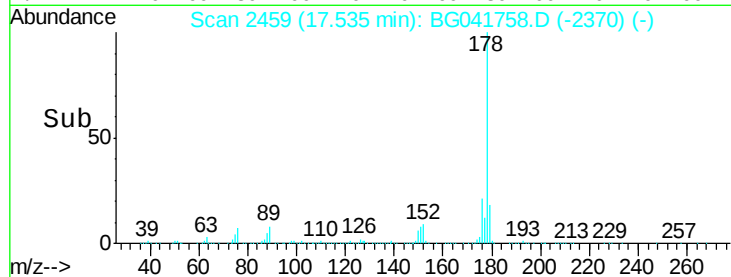
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 44.002 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

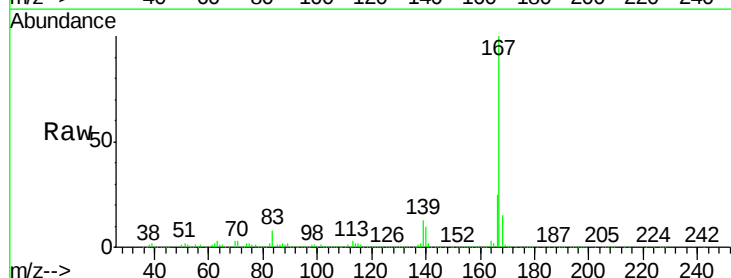
Tgt Ion:167 Resp: 1192440

Ion Ratio Lower Upper

167 100

166 24.8 21.4 32.2

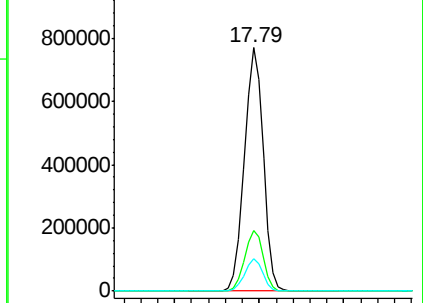
139 13.2 12.1 18.1



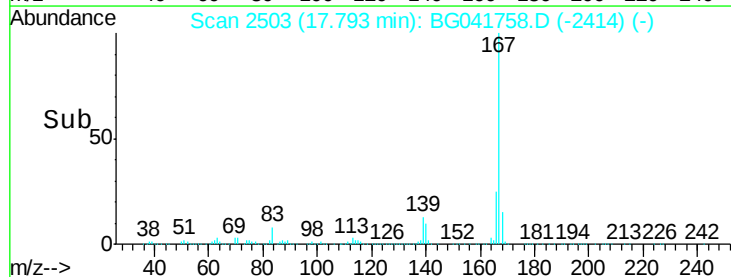
Abundance Ion 167.00 (166.70 to 167.70): E

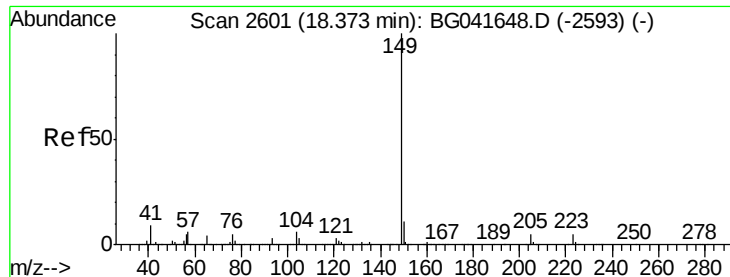
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#74

Di-n-butylphthalate

Concen: 39.888 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampled :

TP-1SMSD

Tot Ion:149 Resp: 1318401

Ion Ratio Lower Upper

149 100

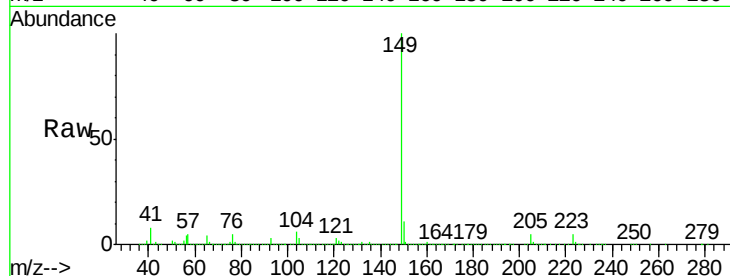
150 11.3 10.2 15.2

104 5.9 5.3 7.9

Manual Integrations
APPROVED

mohammad

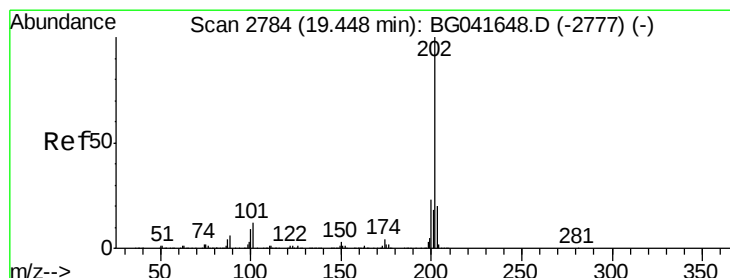
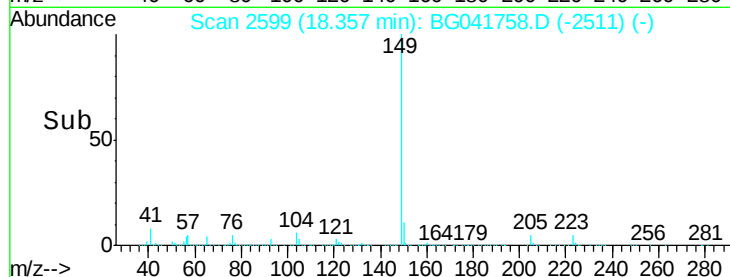
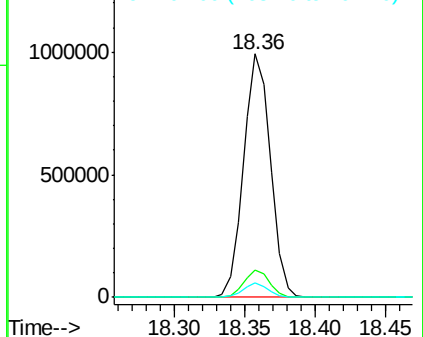
7/24/2019 11:35:32 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 43.148 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

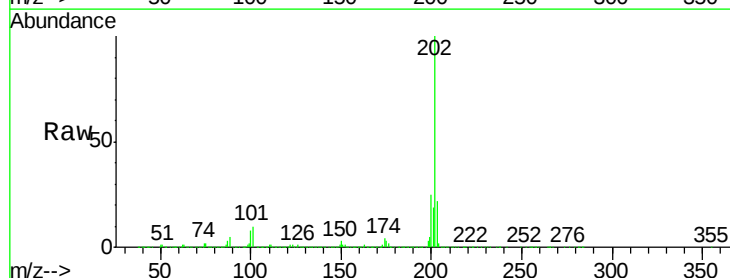
Tgt Ion:202 Resp: 1553111

Ion Ratio Lower Upper

202 100

101 9.8 0.0 32.8

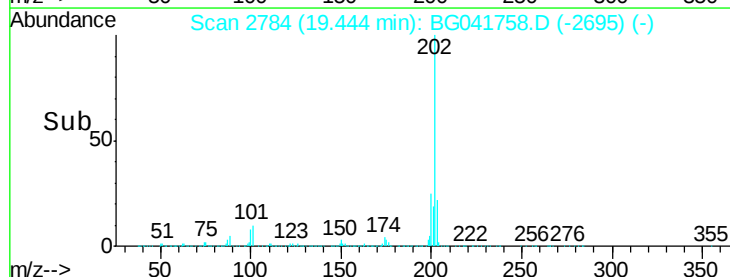
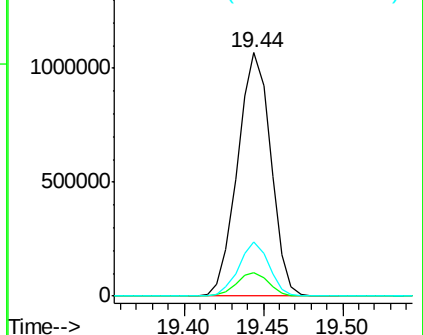
203 22.1 3.7 43.7

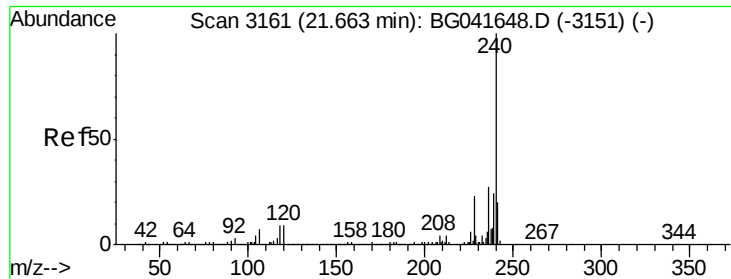


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

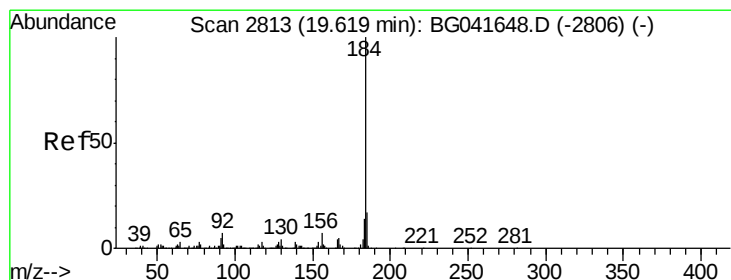
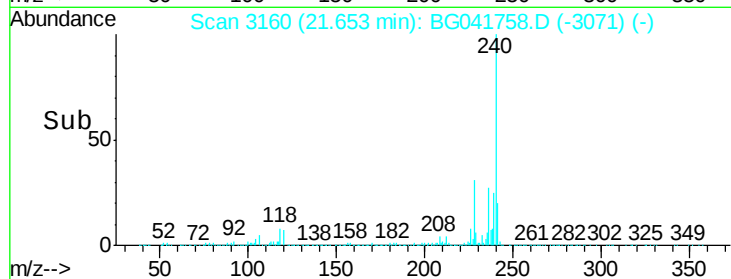
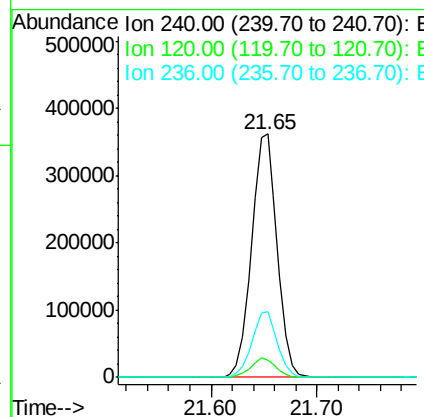
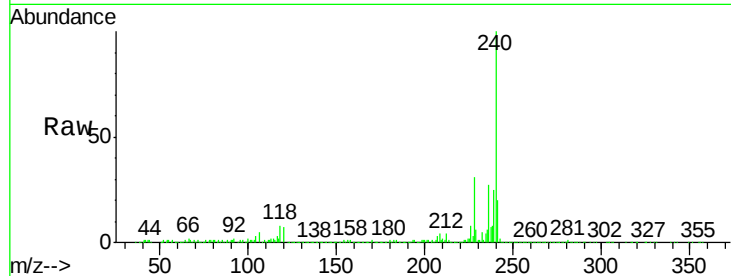
ClientSampleId :

TP-1SMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.9	8.0	12.0#
236	26.7	22.6	33.8

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#77

Benzidine

Concen: 26.811 ng

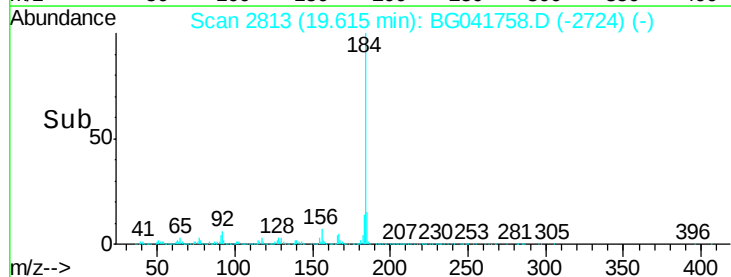
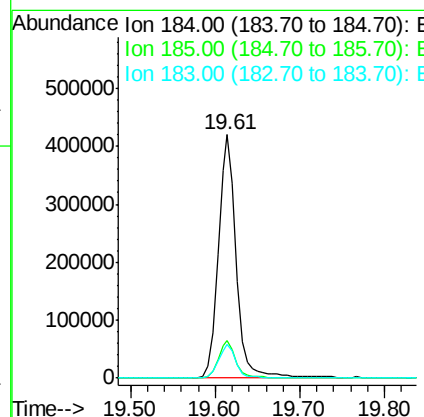
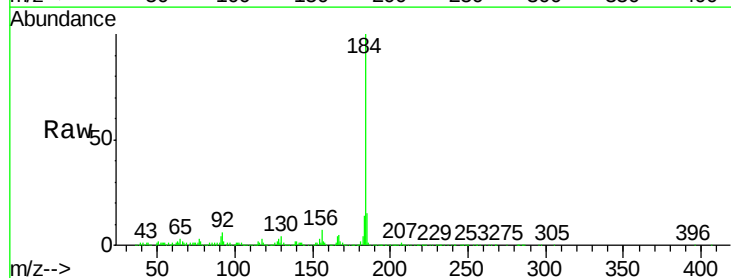
RT: 19.61 min Scan# 2813

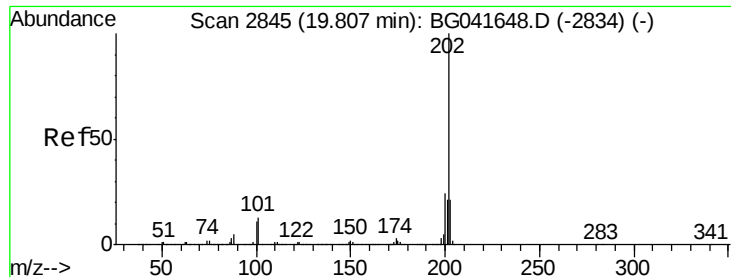
Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.0	19.4
183	13.9	11.8	17.6





#78

Pvrene

Concen: 38.590 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

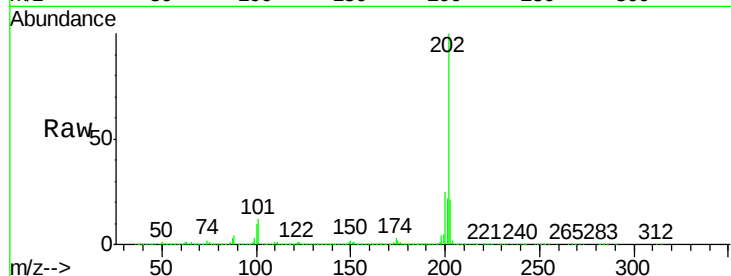
ClientSampleId :

TP-1SMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.9	22.2	33.2
203	20.9	18.9	28.3

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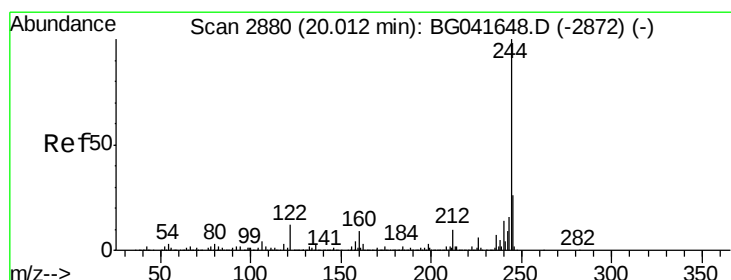
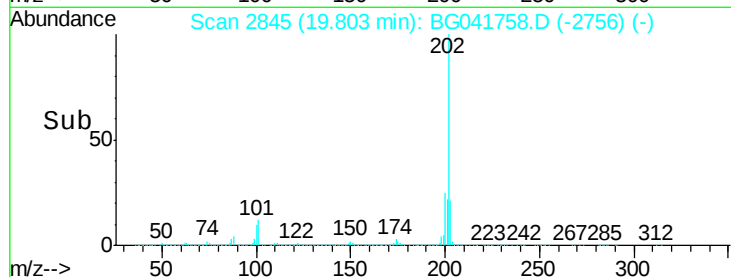
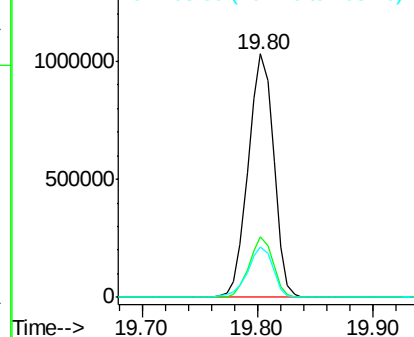


Abundance

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: 79.520 ng

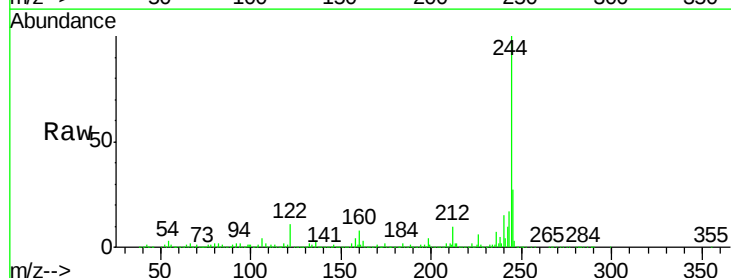
RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	9.7	14.5
122	10.5	12.5	18.7#

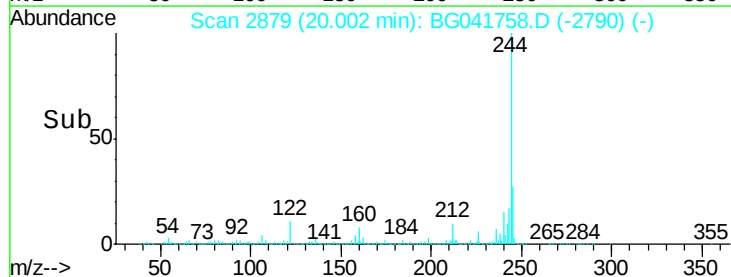
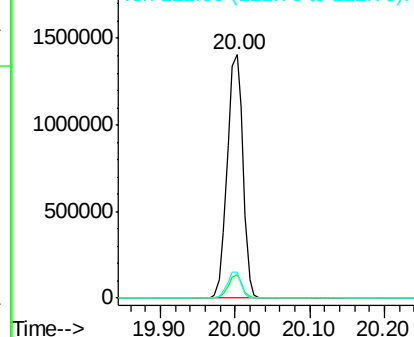


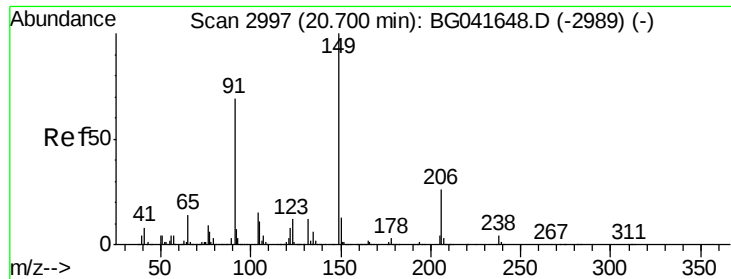
Abundance

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





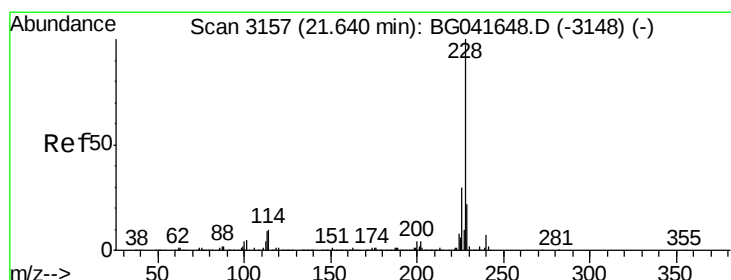
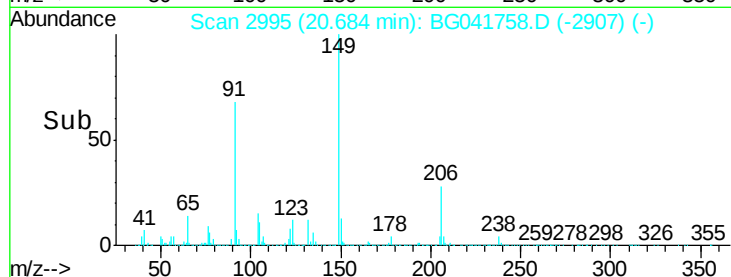
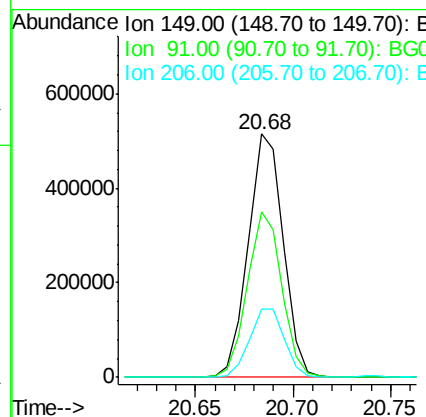
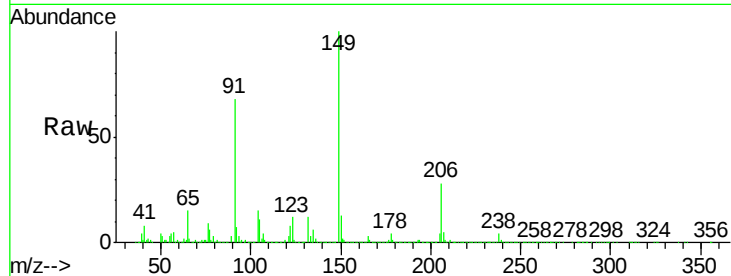
#80
Butylbenzylphthalate
Concen: 37.264 ng
RT: 20.68 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	636901		
91	68.1	58.9	88.3	
206	27.8	20.8	31.2	

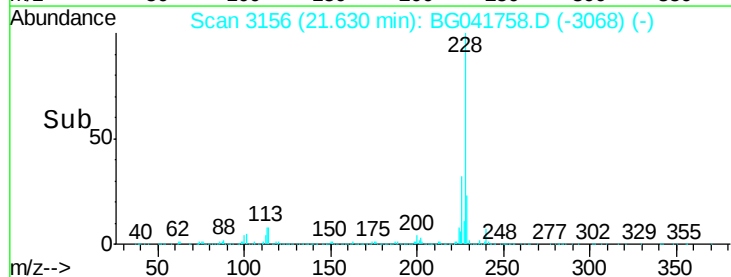
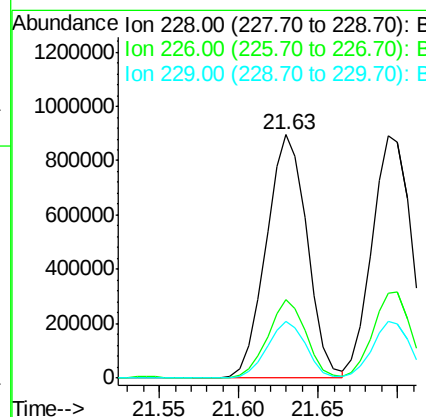
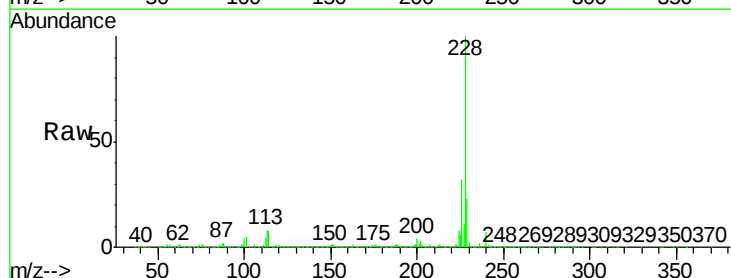
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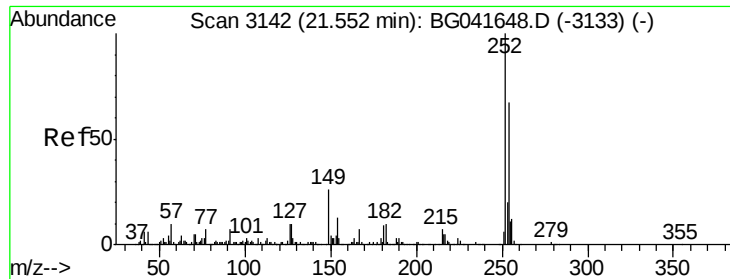
mohammad
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#81
Benzo(a)anthracene
Concen: 40.770 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1601950		
226	32.1	27.3	40.9	
229	23.3	19.7	29.5	





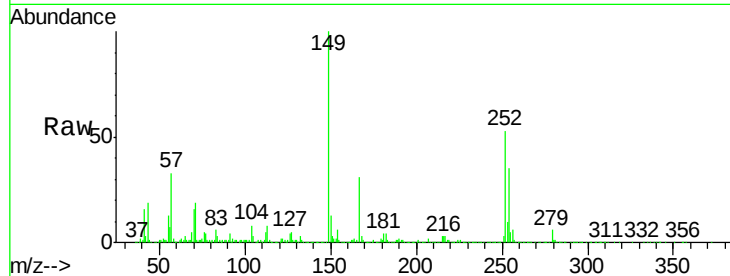
#82
 3,3'-Dichlorobenzidine
 Concen: 29.248 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-1SMSD

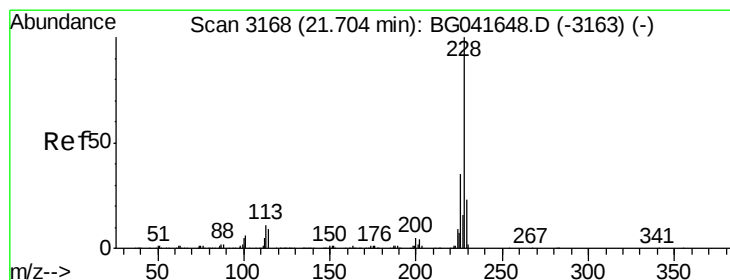
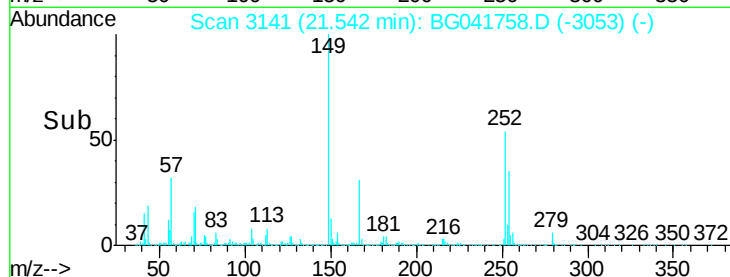
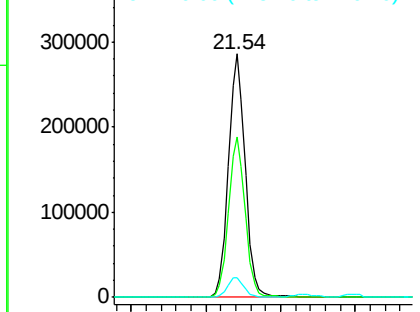
Tot Ion:	252	Resp:	452222
Ion Ratio	Lower	Upper	
252	100		
254	65.8	53.8	80.6
126	8.2	7.8	11.8

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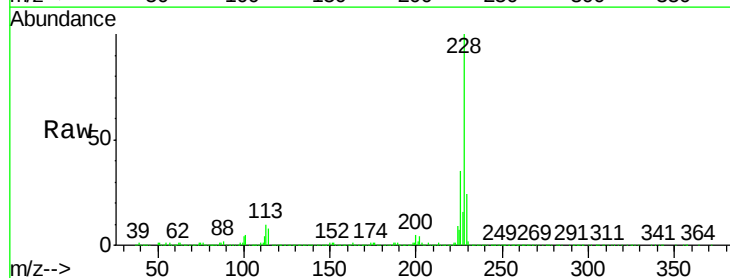


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

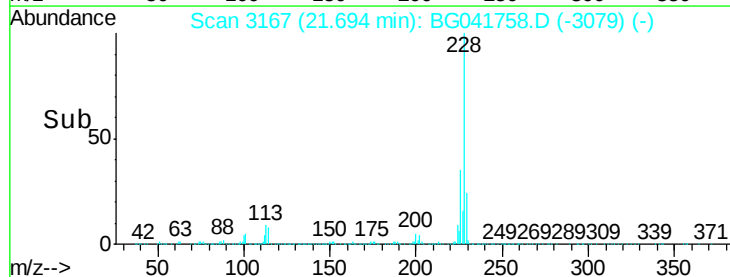
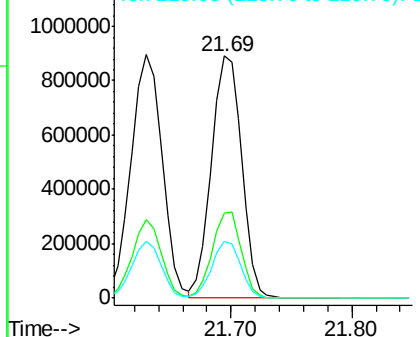


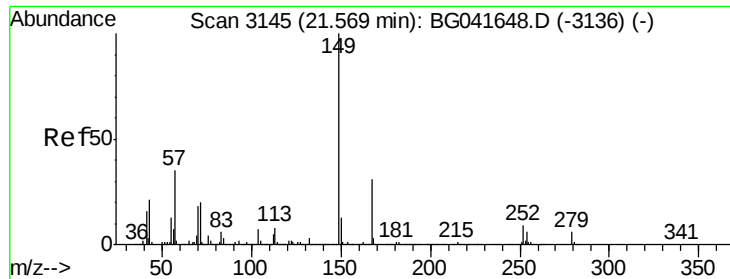
#83
 Chrysene
 Concen: 40.835 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG041758.D
 Acq: 23 Jul 2019 16:33

Tgt Ion:	228	Resp:	1533180
Ion Ratio	Lower	Upper	
228	100		
226	35.2	30.1	45.1
229	23.6	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: 37.666 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.03 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

Tot Ion:149 Resp: 908957
Ion Ratio Lower Upper

149 100

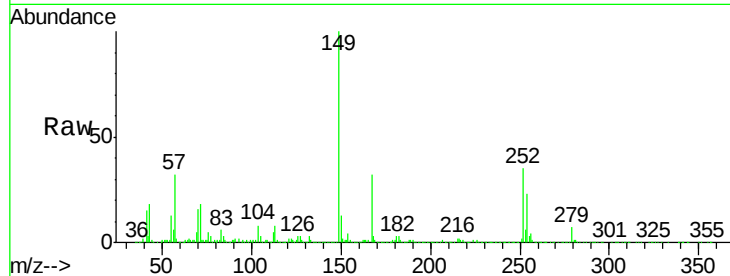
167 31.7 27.0 40.4

279 6.5 5.0 7.6

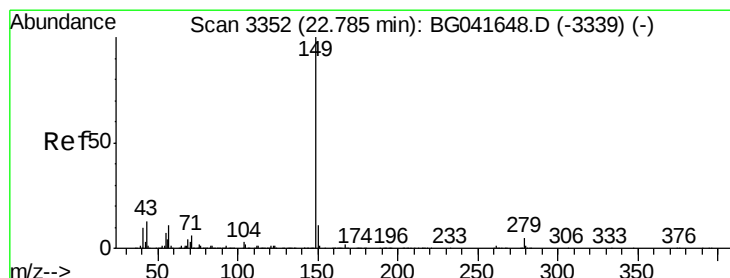
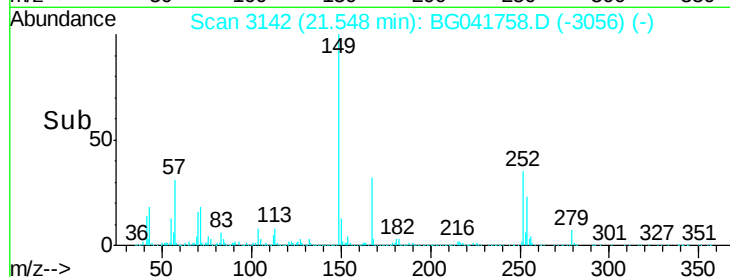
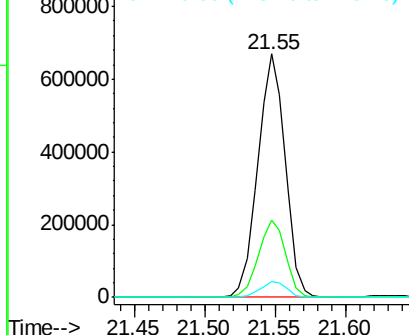
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 38.217 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.03 min

Lab File: BG041758.D

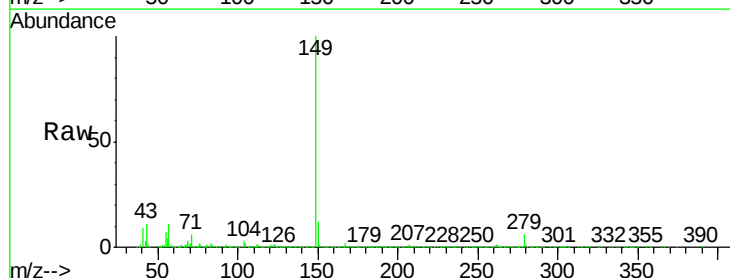
Acq: 23 Jul 2019 16:33

Tgt Ion:149 Resp: 1570552
Ion Ratio Lower Upper

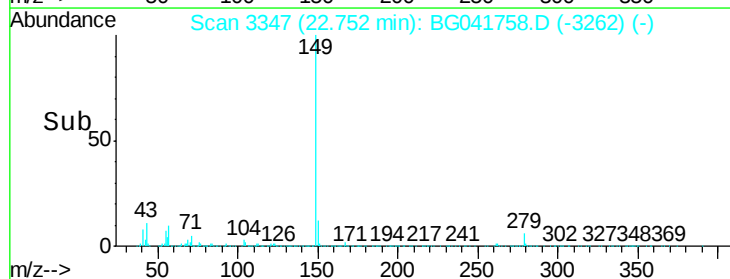
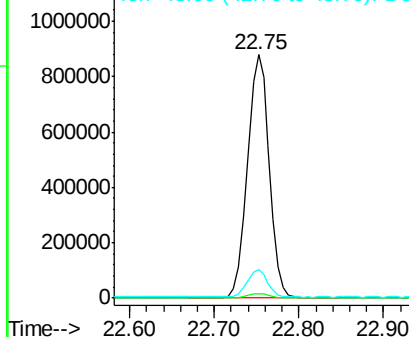
149 100

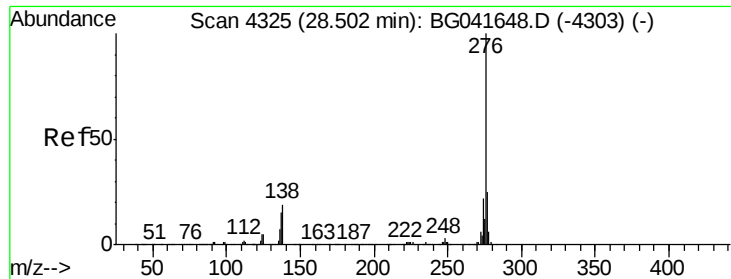
167 1.8 1.6 2.4

43 10.6 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





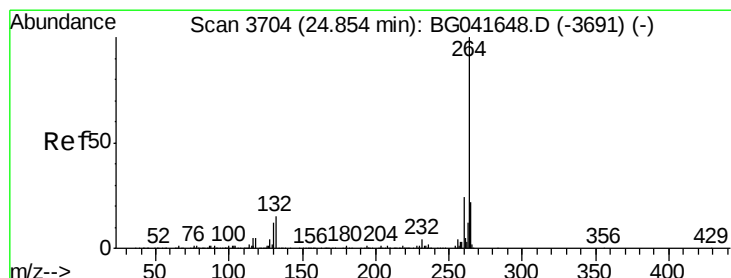
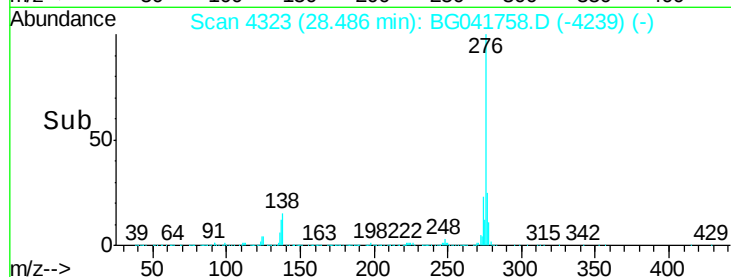
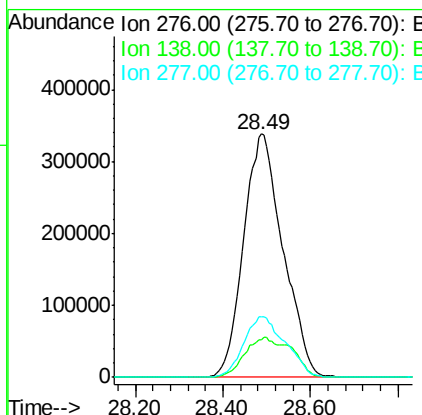
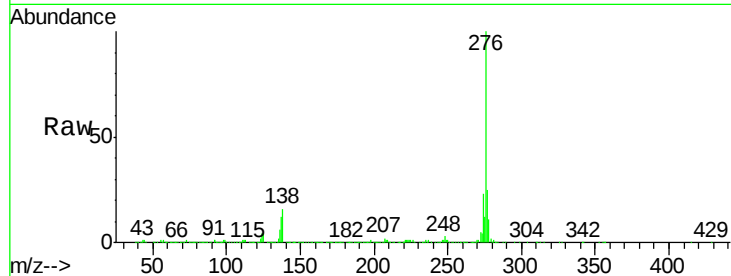
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.828 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.04 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion:276 Resp: 2072170
Ion Ratio Lower Upper
276 100
138 13.9 19.4 29.0#
277 26.4 21.2 31.8

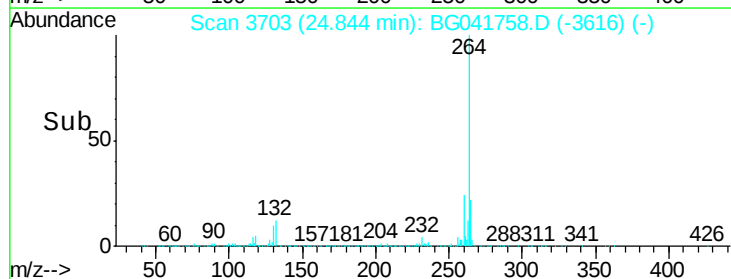
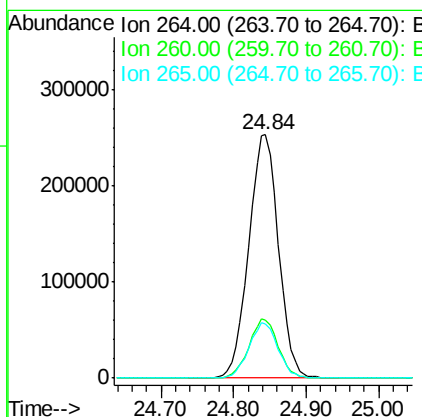
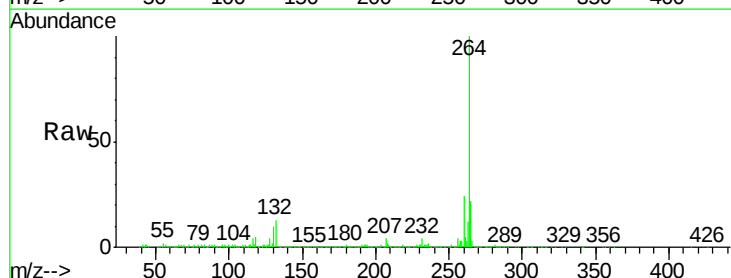
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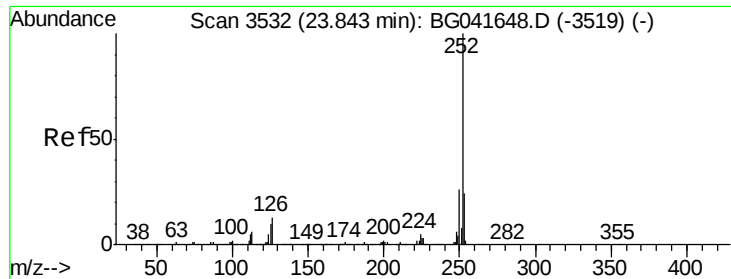
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion:264 Resp: 718274
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 22.4 18.0 27.0





#88

Benzo(b)fluoranthene

Concen: 39.667 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

Tot Ion:252 Resp: 1728253

Ion Ratio Lower Upper

252 100

253 24.8 20.6 30.8

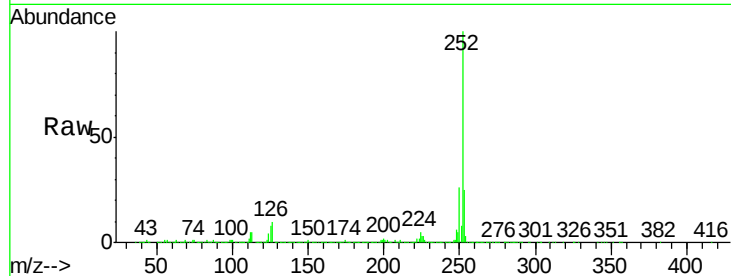
125 8.2 8.0 12.0

Manual Integrations

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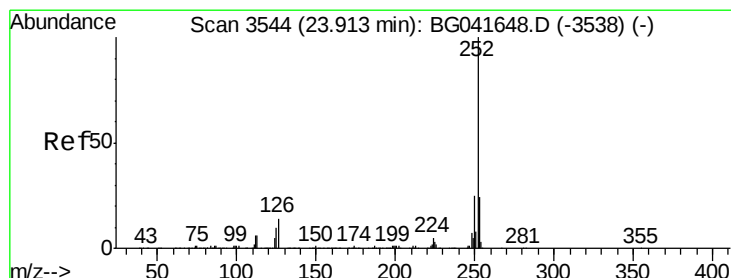
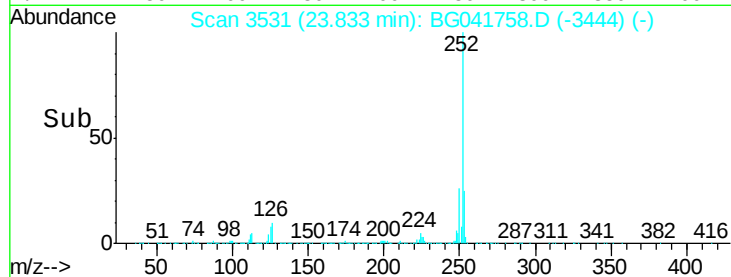
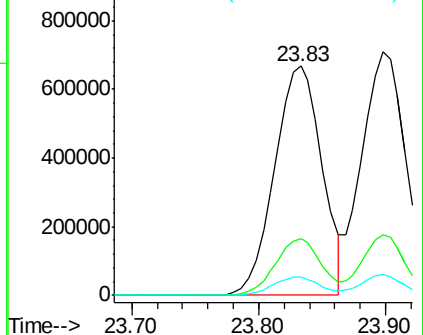
7/24/2019 11:35:32 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 42.360 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.02 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Tgt Ion:252 Resp: 1710124

Ion Ratio Lower Upper

252 100

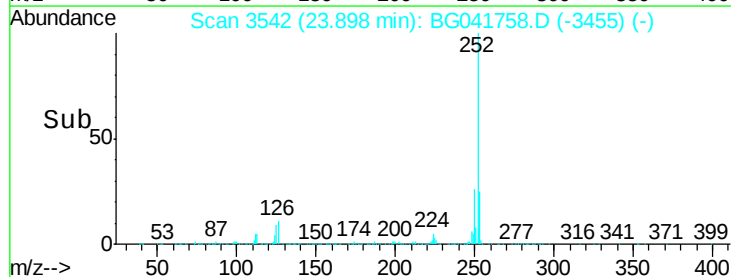
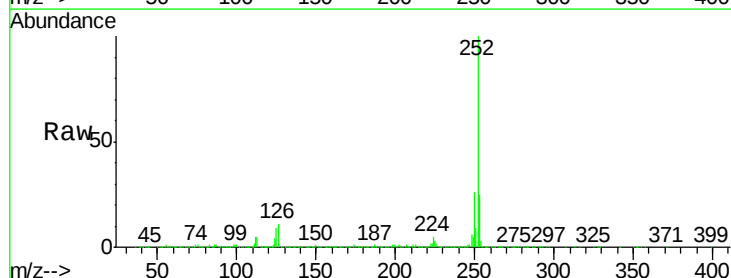
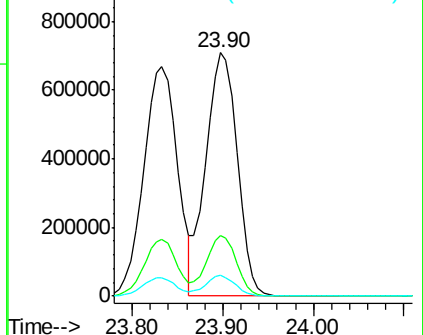
253 25.1 20.5 30.7

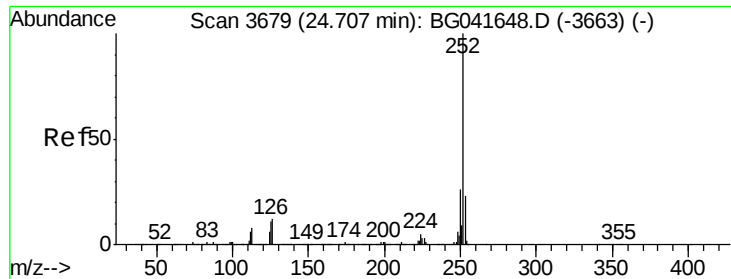
125 8.7 8.4 12.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





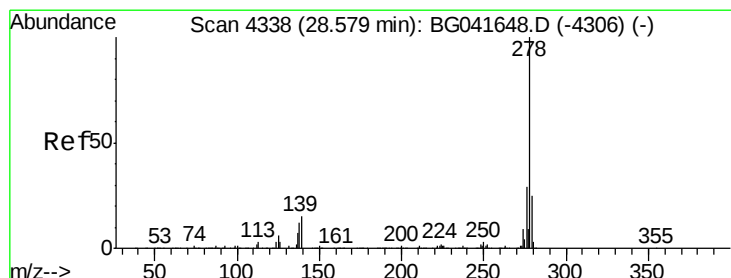
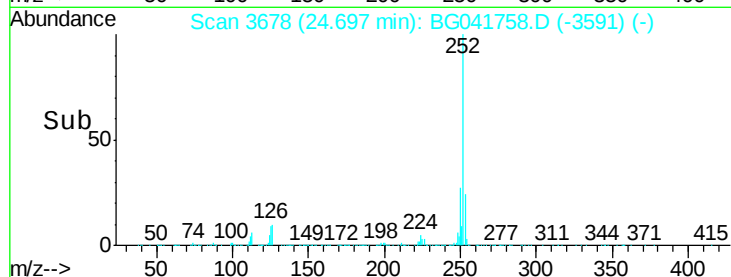
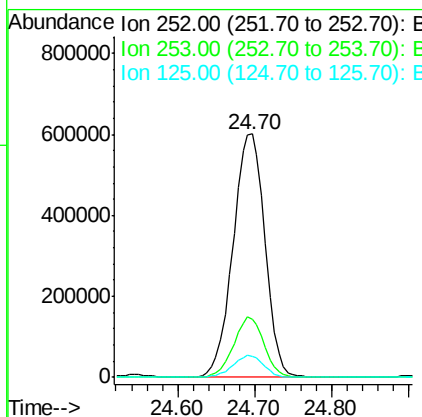
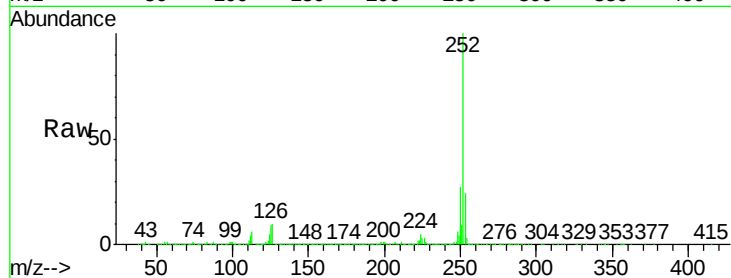
#90
Benzo(a)pyrene
Concen: 42.190 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Instrument :
BNA_G
ClientSampleId :
TP-1SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.8
125	8.7	8.8	13.2

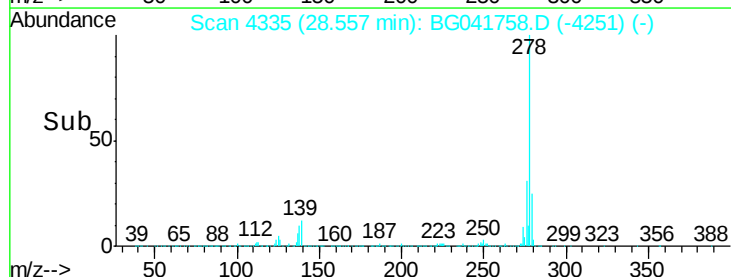
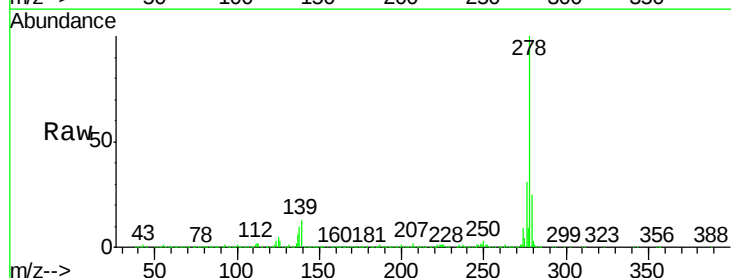
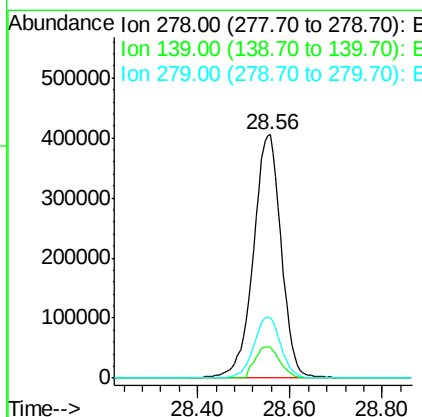
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APPROVED

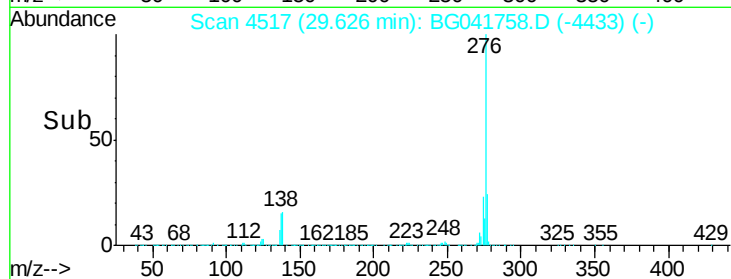
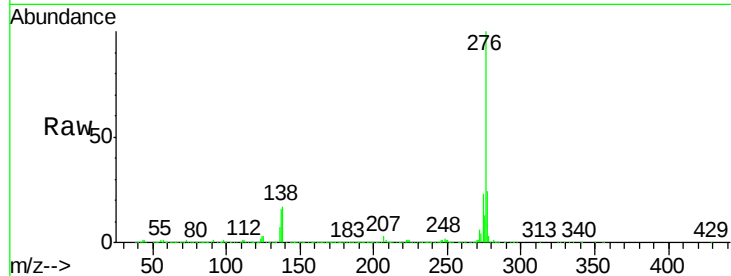
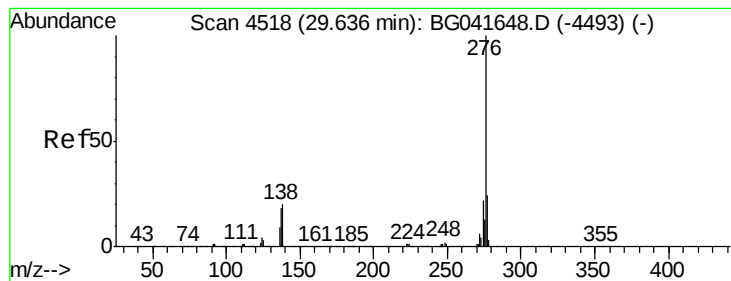
mohammad
7/24/2019 11:35:32 AM



#91
Dibenzo(a,h)anthracene
Concen: 42.148 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.04 min
Lab File: BG041758.D
Acq: 23 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	12.6	19.0
279	24.8	20.5	30.7





#92

Benzo(a,h,i)perylene

Concen: 42.634 ng

RT: 29.63 min Scan# 4517

Delta R.T. -0.04 min

Lab File: BG041758.D

Acq: 23 Jul 2019 16:33

Instrument :

BNA_G

ClientSampleId :

TP-1SMSD

Tot Ion: 276 Resp: 1707639

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 16.5 16.6 25.0#

Manual Integrations

APPROVED

mohammad

7/24/2019 11:35:32 AM

