

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041568.D
 Acq On : 2 Jul 2019 12:06
 Operator : HP/JU
 Sample : K3519-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:55:21 PM

Quant Time: Jul 03 07:37:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28102	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	101411	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69643	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	182838	20.00	ng	0.00
76) Chrysene-d12	21.70	240	208208	20.00	ng	0.00
87) Perylene-d12	24.99	264	226792	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	103615	65.74	ng	0.00
7) Phenol-d6	7.19	99	89047	40.13	ng	0.00
23) Nitrobenzene-d5	9.22	82	226733	93.25	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	184096	154.82	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	529098	97.49	ng	0.00
79) Terphenyl-d14	20.03	244	1026333	104.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	10824	15.170	ng	# 89
3) Pyridine	3.83	79	21926	12.112	ng	95
4) n-Nitrosodimethylamine	3.75	42	16890	16.766	ng	# 81
6) Aniline	7.35	93	41135	14.382	ng	97
8) 2-Chlorophenol	7.59	128	66312	37.512	ng	98
9) Benzaldehyde	7.17	77	60182	44.911	ng	98
10) Phenol	7.22	94	30350	13.571	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	71015	40.043	ng	93
12) 1,3-Dichlorobenzene	7.92	146	71727	31.366	ng	95
13) 1,4-Dichlorobenzene	8.06	146	75718	32.845	ng	98
14) 1,2-Dichlorobenzene	8.38	146	71248	32.280	ng	98
15) Benzyl Alcohol	8.28	79	41470	23.468	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	87831	35.267	ng	97
17) 2-Methylphenol	8.48	107	47896	29.422	ng	98
18) Hexachloroethane	9.11	117	27327	30.043	ng	91
19) n-Nitroso-di-n-propylamine	8.83	70	65051	39.303	ng	95
20) 3+4-Methylphenols	8.81	107	56697	26.131	ng	96
22) Acetophenone	8.86	105	132971	43.713	ng	98
24) Nitrobenzene	9.26	77	104396	42.774	ng	97
25) Isophorone	9.77	82	184810	42.334	ng	99
26) 2-Nitrophenol	9.97	139	48244	47.332	ng	97
27) 2,4-Dimethylphenol	10.02	122	62314	43.927	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	96735	41.905	ng	100
29) 2,4-Dichlorophenol	10.50	162	88031	45.943	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	91773	37.369	ng	94
31) Naphthalene	10.90	128	223891	39.921	ng	97
33) 4-Chloroaniline	11.03	127	46651	19.761	ng	97
34) Hexachlorobutadiene	11.16	225	64160	32.912	ng	92
35) Caprolactam	11.82	113	3723	6.223	ng	# 77
36) 4-Chloro-3-methylphenol	12.14	107	82461	39.719	ng	99
37) 2-Methylnaphthalene	12.51	142	175705	42.407	ng	98
38) 1-Methylnaphthalene	12.72	142	161773	40.926	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	136207	44.416	ng	99
41) Hexachlorocyclopentadiene	12.83	237	138686	83.201	ng	94

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Manual Integrations
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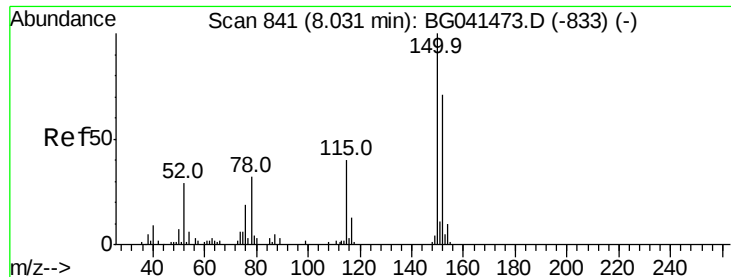
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,6-Trichlorophenol	13.12	196	88494	48.638	nq	100
44) 2,4,5-Trichlorophenol	13.19	196	94697	52.243	nq	96
46) 1,1'-Biphenyl	13.51	154	248328	45.171	nq	96
47) 2-Chloronaphthalene	13.56	162	201849	42.766	nq	99
48) 2-Nitroaniline	13.78	65	66992	41.871	nq	93
49) Acenaphthylene	14.40	152	319099	45.232	nq	99
50) Dimethylphthalate	14.13	163	291146	45.939	nq	99
51) 2,6-Dinitrotoluene	14.26	165	61281	45.564	nq	94
52) Acenaphthene	14.74	154	188938	45.163	nq	98
53) 3-Nitroaniline	14.60	138	26563	20.688	nq	# 87
54) 2,4-Dinitrophenol	14.82	184	25118	33.330	nq	91
55) Dibenzofuran	15.07	168	333939	45.852	nq	99
56) 4-Nitrophenol	14.92	139	27881	33.648	nq	98
57) 2,4-Dinitrotoluene	15.05	165	87242	44.713	nq	98
58) Fluorene	15.73	166	265787	45.873	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	102675m	53.731	nq	
60) Diethylphthalate	15.48	149	281001	43.316	nq	98
61) 4-Chlorophenyl-phenylether	15.71	204	168779	45.162	nq	97
62) 4-Nitroaniline	15.77	138	50953	40.719	nq	96
63) Azobenzene	16.00	77	243231	44.470	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	48453	42.789	nq	97
66) n-Nitrosodiphenylamine	15.93	169	236555	47.009	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	113724	45.516	nq	95
68) Hexachlorobenzene	16.72	284	119559	44.412	nq	98
69) Atrazine	16.87	200	106276	49.894	nq	97
70) Pentachlorophenol	17.08	266	80183	65.735	nq	94
71) Phenanthrene	17.47	178	465313	46.191	nq	99
72) Anthracene	17.56	178	475566	47.182	nq	99
73) Carbazole	17.84	167	410516	47.910	nq	99
74) Di-n-butylphthalate	18.36	149	485779	45.108	nq	99
75) Fluoranthene	19.47	202	635288	47.301	nq	97
77) Benzidine	19.66	184	152968	33.112	nq	97
78) Pyrene	19.84	202	649634	45.705	nq	99
80) Butylbenzylphthalate	20.70	149	236542	44.561	nq	98
81) Benzo(a)anthracene	21.68	228	657390	45.415	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	143156	28.560	nq	97
83) Chrysene	21.75	228	646843	46.165	nq	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	334073	44.392	nq	99
85) Di-n-octyl phthalate	22.77	149	570926	44.831	nq	98
86) Indeno(1,2,3-cd)pyrene	28.78	276	788751	46.489	nq	99
88) Benzo(b)fluoranthene	23.93	252	667115	46.118	nq	99
89) Benzo(k)fluoranthene	24.00	252	661283	46.563	nq	99
90) Benzo(a)pyrene	24.83	252	647338	47.118	nq	97
91) Dibenzo(a,h)anthracene	28.83	278	653341	47.468	nq	99
92) Benzo(g,h,i)perylene	29.97	276	653658	47.765	nq	98

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



#1

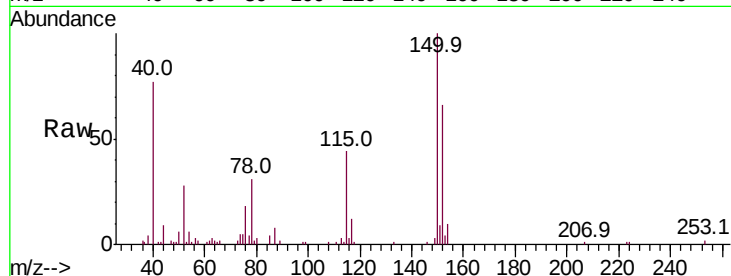
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	112.4	168.6
115	66.6	44.6	66.8

Manual Integrations
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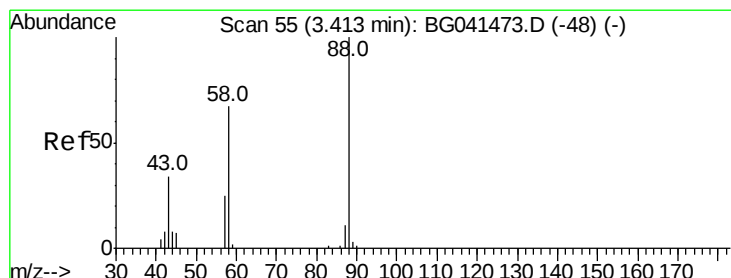
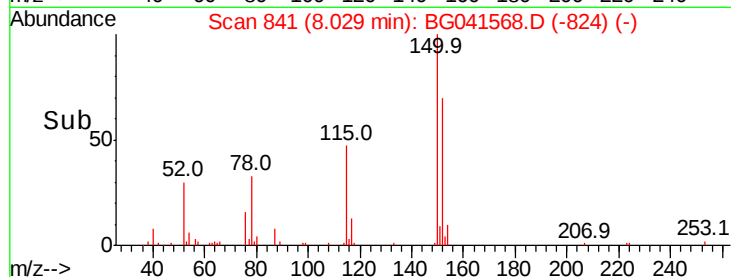
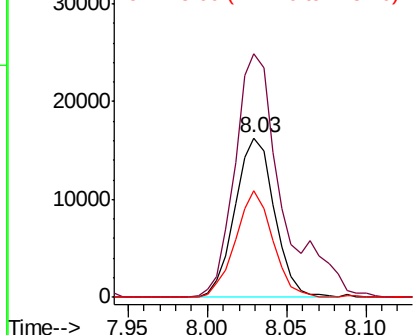


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

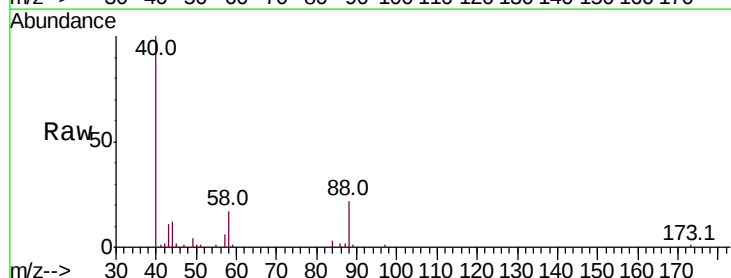
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 15.170 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	55.8	83.8
43	51.7	27.8	41.8#

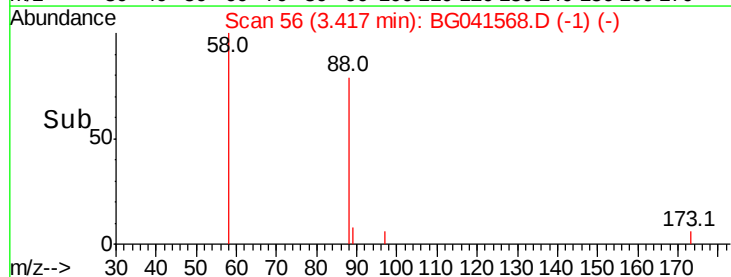
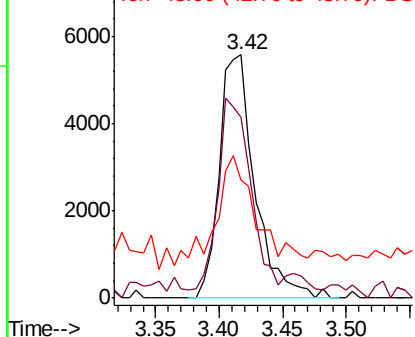


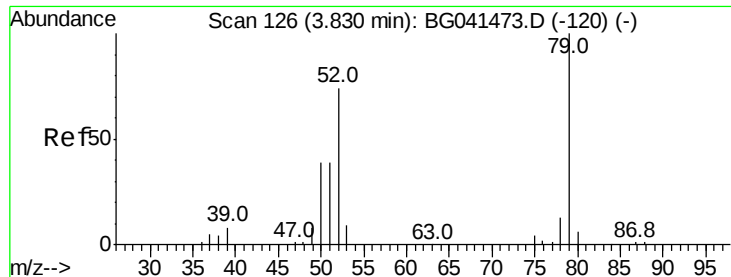
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 12.112 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

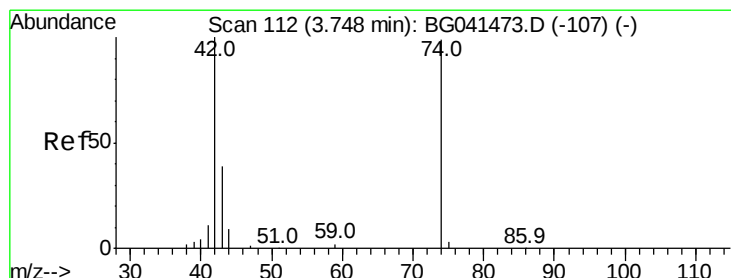
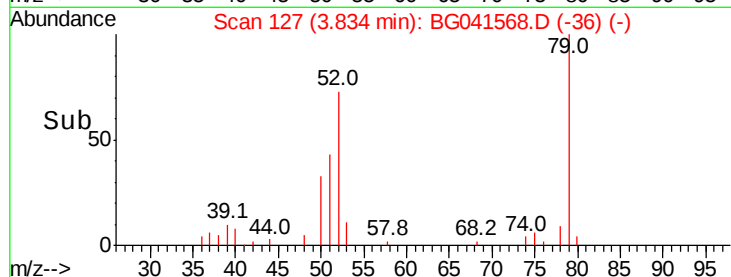
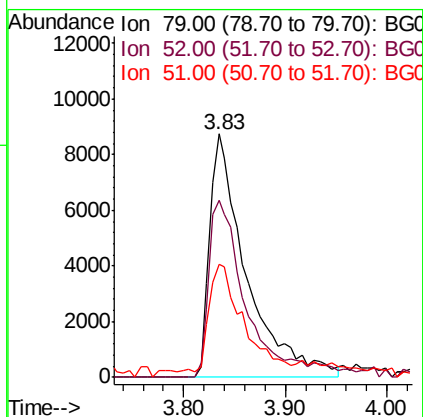
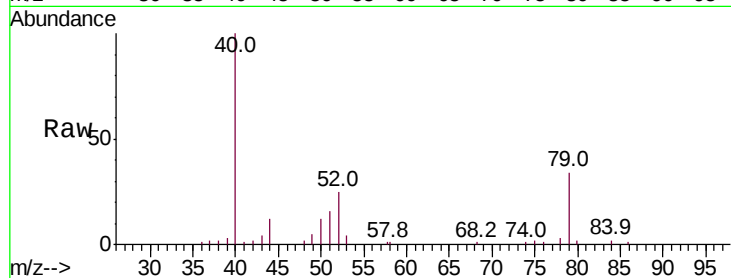
ClientSampleId :

SP-19-LF2MW2MSD

Tot Ion:	79	Resp:	21926
Ion	Ratio	Lower	Upper
79	100		
52	72.6	59.4	89.0
51	46.4	32.3	48.5

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#4

n-Nitrosodimethylamine

Concen: 16.766 ng

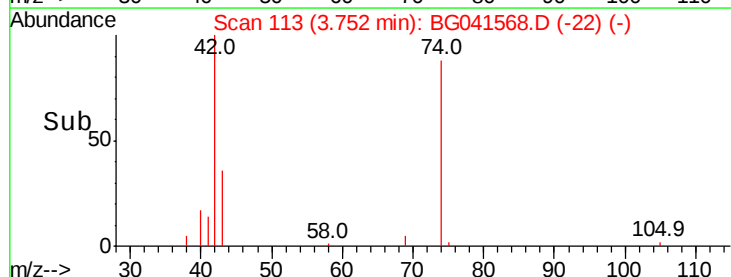
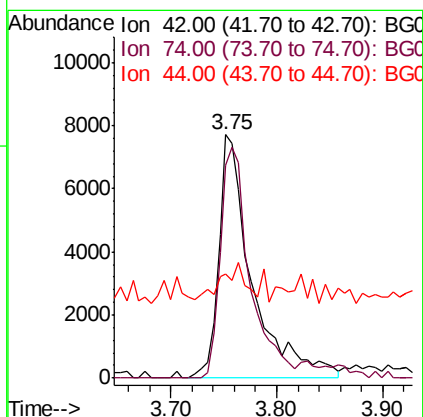
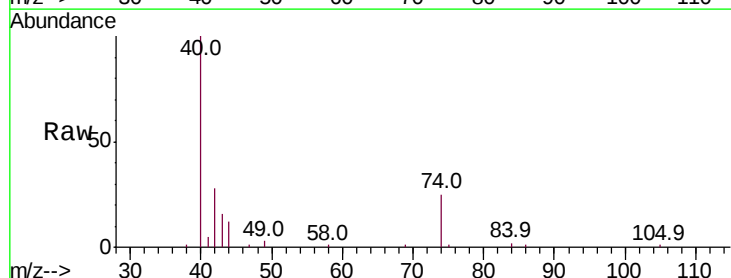
RT: 3.75 min Scan# 113

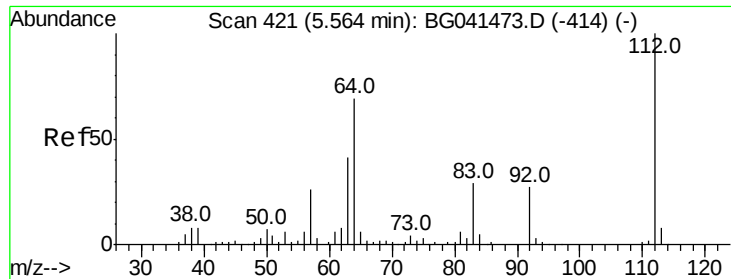
Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Tgt Ion:	42	Resp:	16890
Ion	Ratio	Lower	Upper
42	100		
74	87.5	79.5	119.3
44	42.9	14.2	21.2#





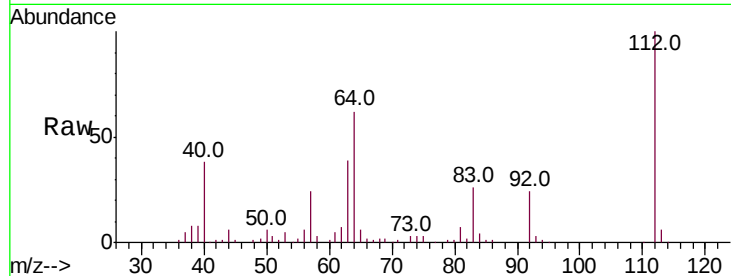
#5
 2-Fluorophenol
 Concen: 65.736 ng
 RT: 5.57 min Scan# 423
 Delta R.T. 0.01 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

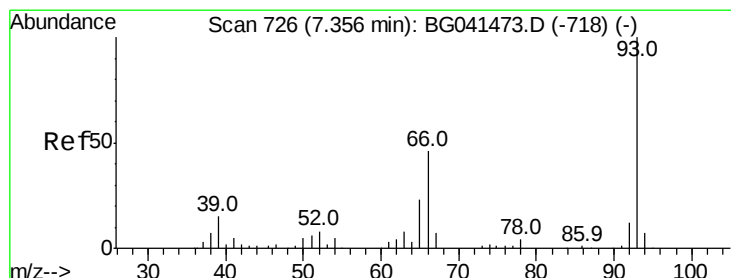
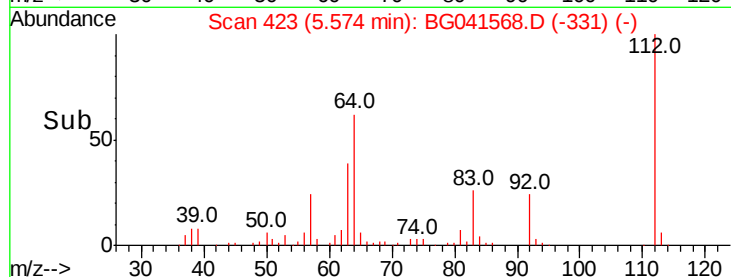
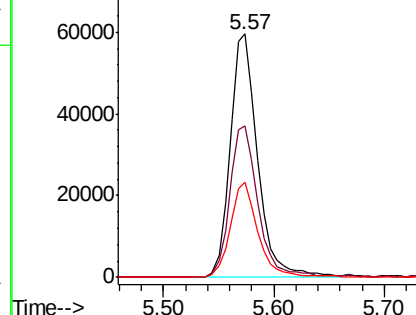
Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	62.3	55.1	82.7
63	38.9	32.4	48.6

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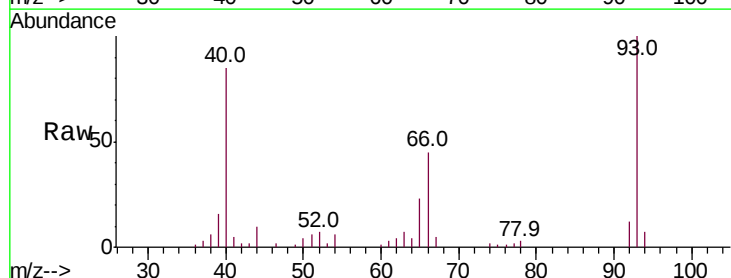


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC

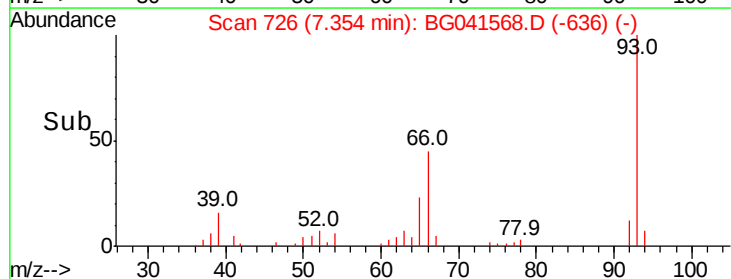
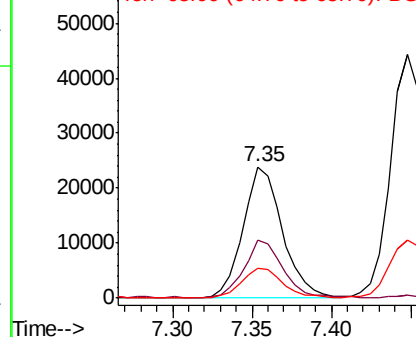


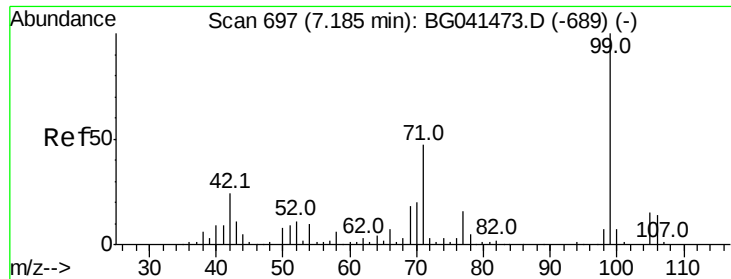
#6
 Aniline
 Concen: 14.382 ng
 RT: 7.35 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	44.6	37.4	56.0
65	22.5	18.6	27.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 66.00 (65.70 to 66.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 40.131 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

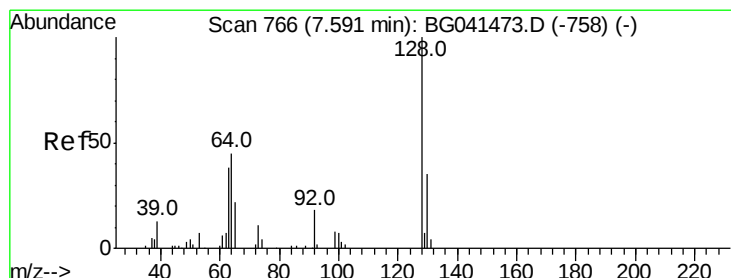
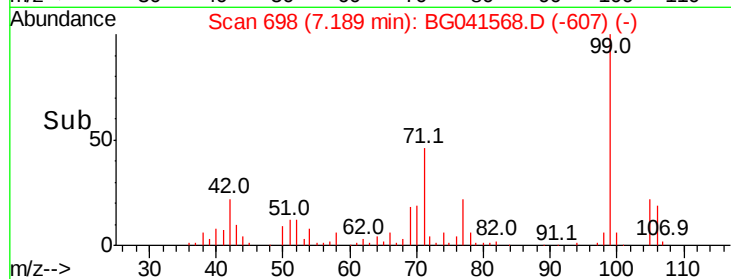
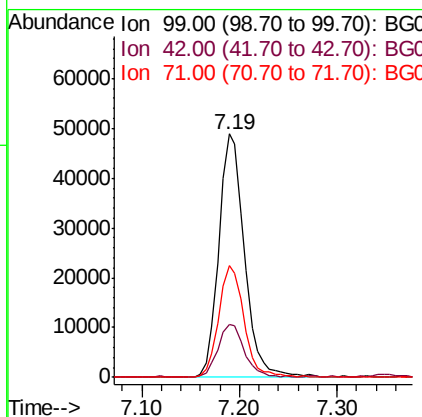
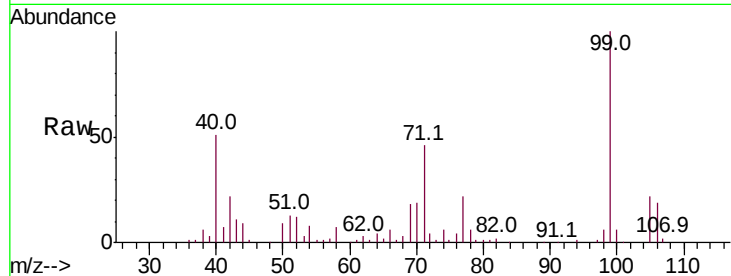
ClientSampleId :

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Tot Ion:	99	Resp:	89047
Ion Ratio	Lower	Upper	
99	100		
42	21.8	19.0	28.6
71	45.7	37.4	56.2

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#8

2-Chlorophenol

Concen: 37.512 ng

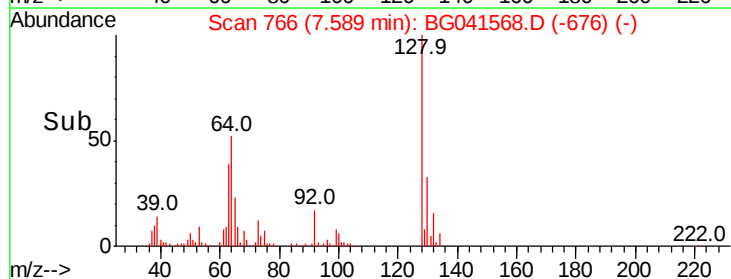
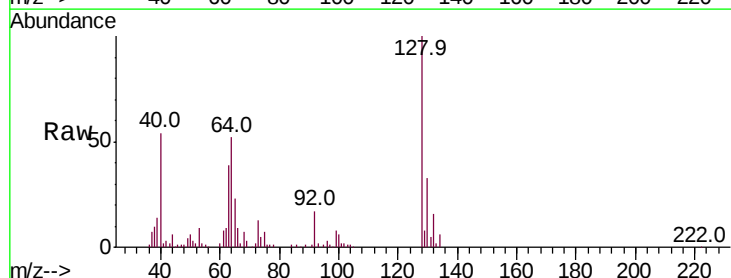
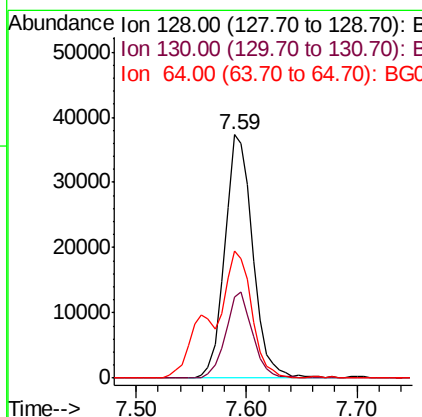
RT: 7.59 min Scan# 766

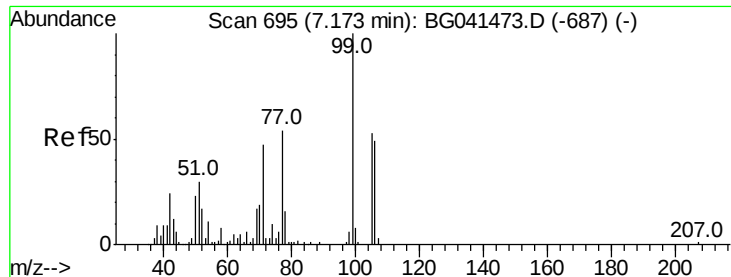
Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Tgt Ion:	128	Resp:	66312
Ion Ratio	Lower	Upper	
128	100		
130	33.2	15.0	55.0
64	52.2	33.3	73.3





#9

Benzaldehyde

Concen: 44.911 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

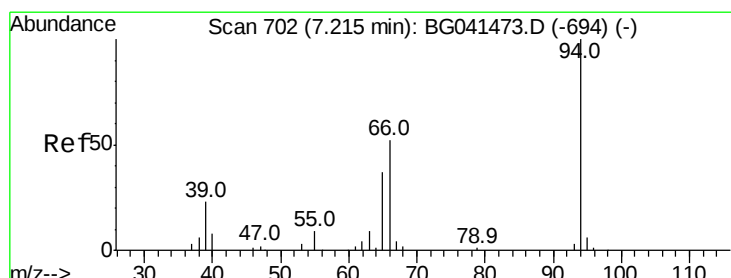
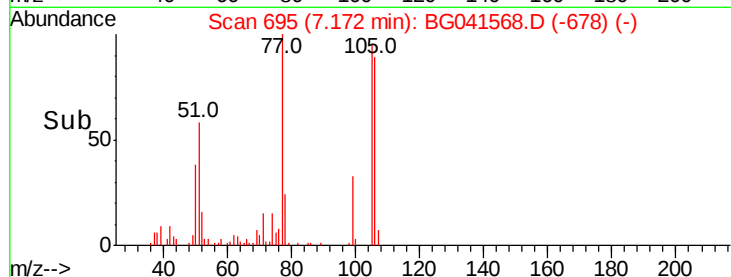
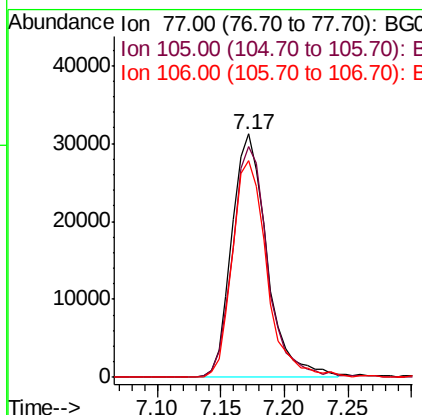
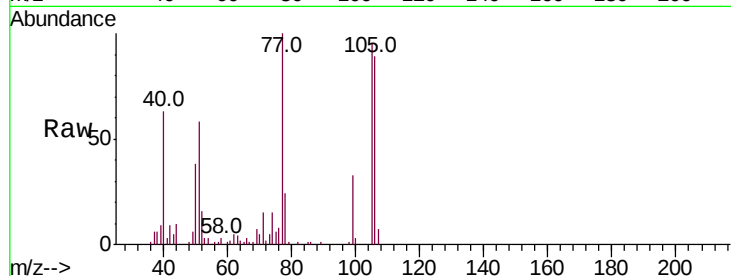
ClientSampleId :

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Tot Ion:	77	Resp:	60182
Ion	Ratio	Lower	Upper
77	100		
105	95.0	77.8	117.8
106	88.9	70.1	110.1

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#10

Phenol

Concen: 13.571 ng

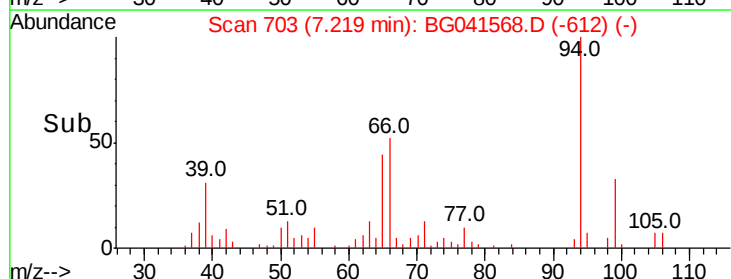
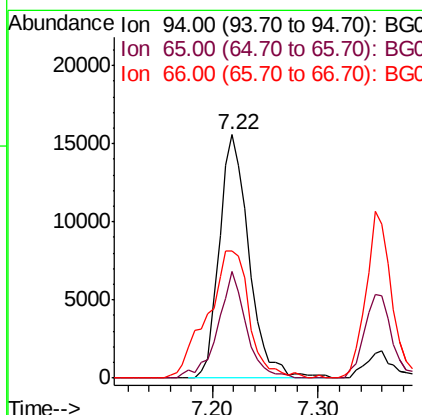
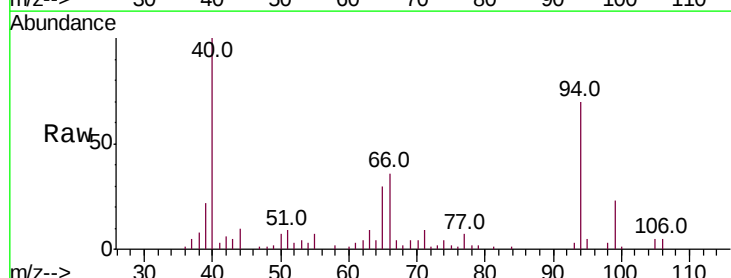
RT: 7.22 min Scan# 703

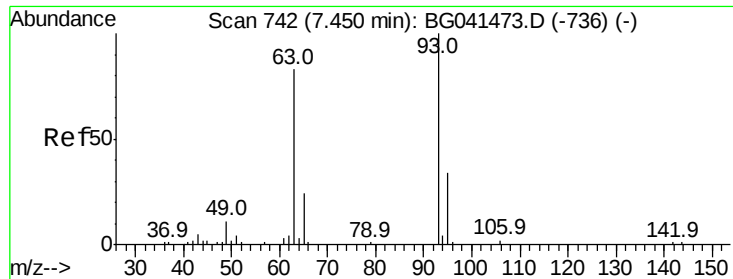
Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Tgt Ion:	94	Resp:	30350
Ion	Ratio	Lower	Upper
94	100		
65	43.6	17.9	57.9
66	52.0	34.4	74.4





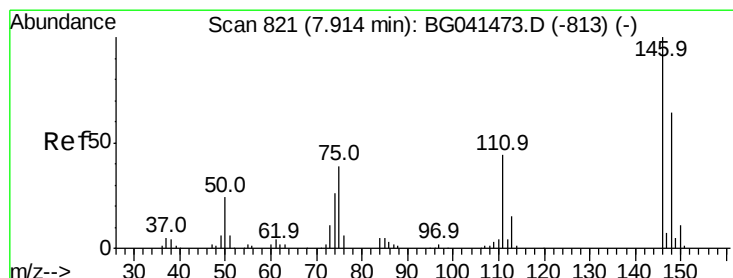
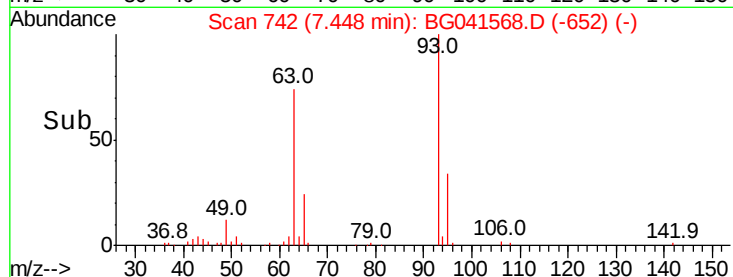
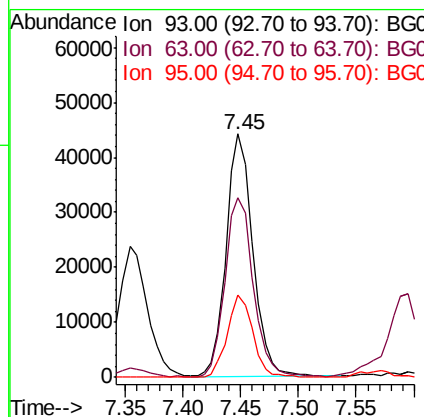
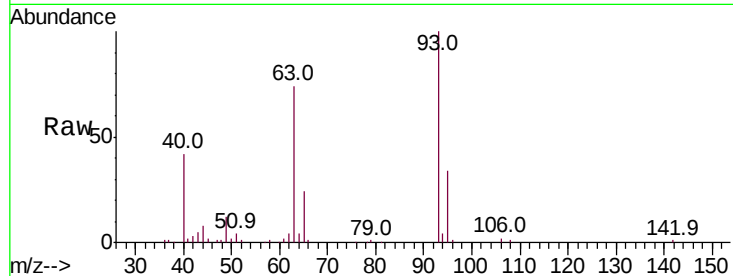
#11
bis(2-Chloroethyl)ether
Concen: 40.043 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	62.0	102.0
95	33.6	13.0	53.0

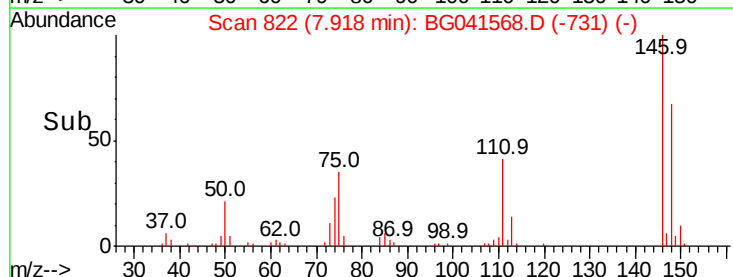
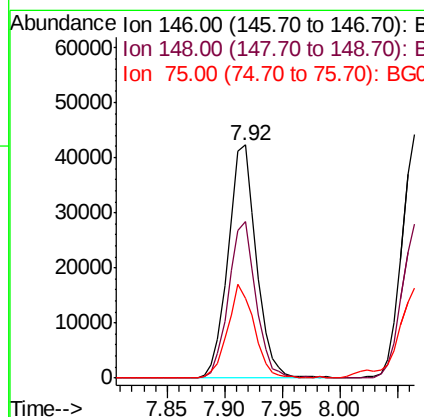
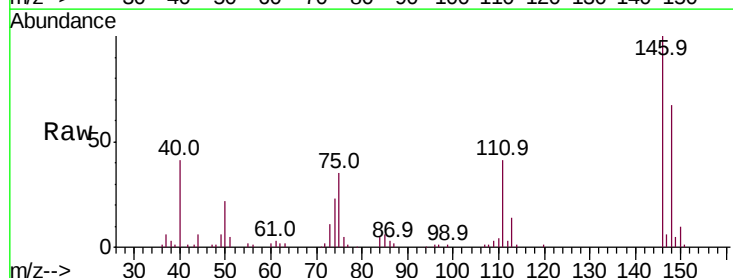
Manual Integrations
APPROVED

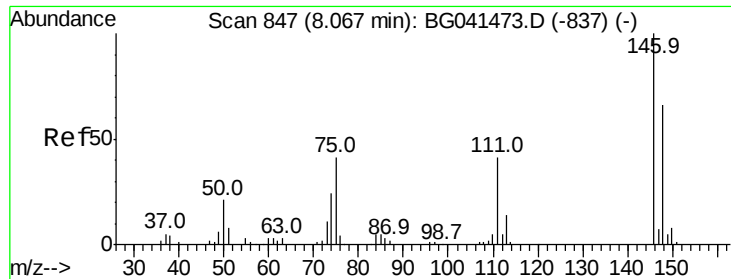
mohammad
7/3/2019 10:55:21 PM



#12
1,3-Dichlorobenzene
Concen: 31.366 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	51.1	76.7
75	34.5	31.0	46.6





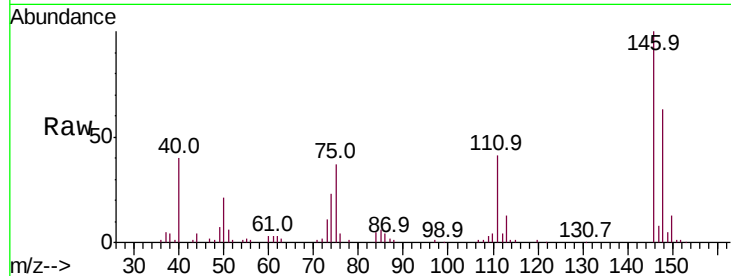
#13
 1,4-Dichlorobenzene
 Concen: 32.845 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.8	79.2
111	41.2	33.1	49.7

Manual Integrations
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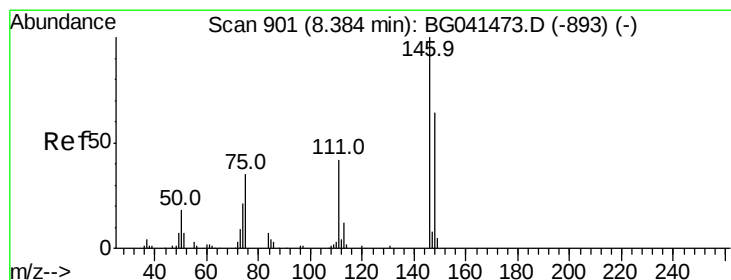
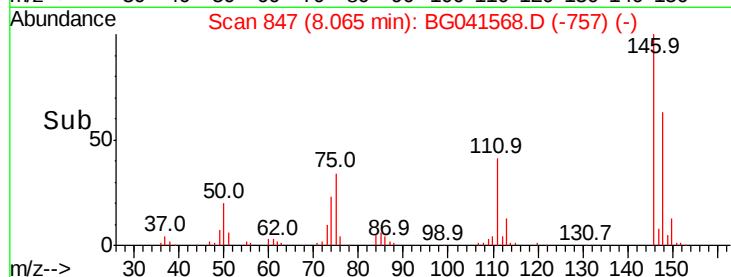
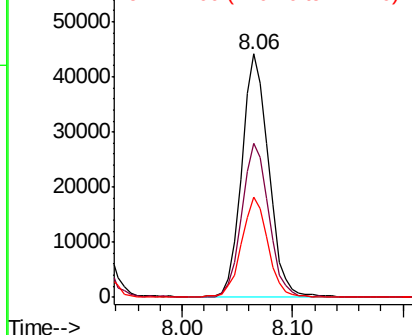


Abundance

Ion 146.00 (145.70 to 146.70): E

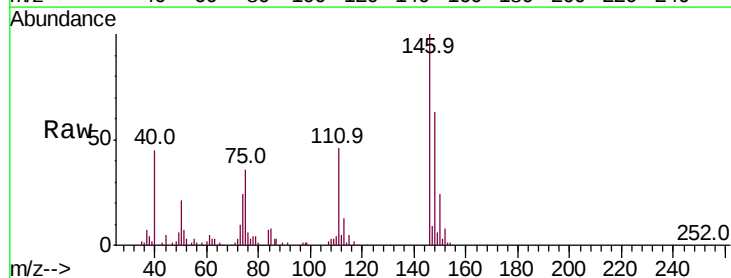
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 32.280 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.3	76.9
111	45.6	34.3	51.5

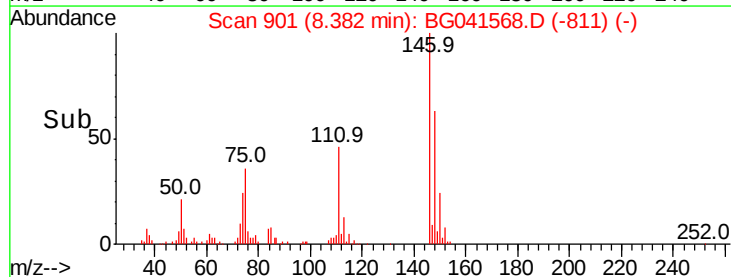
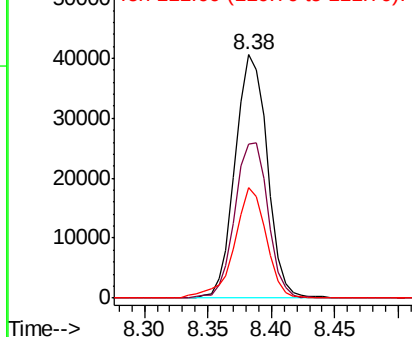


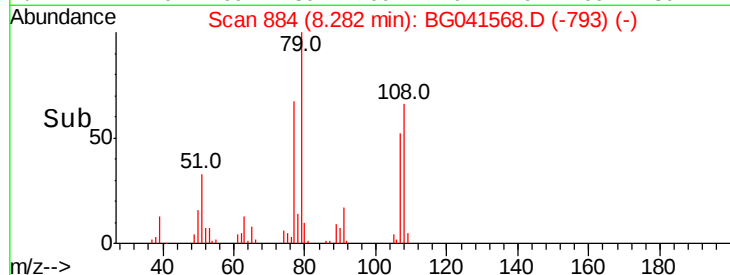
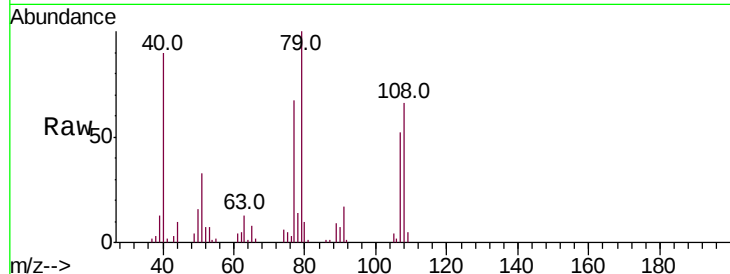
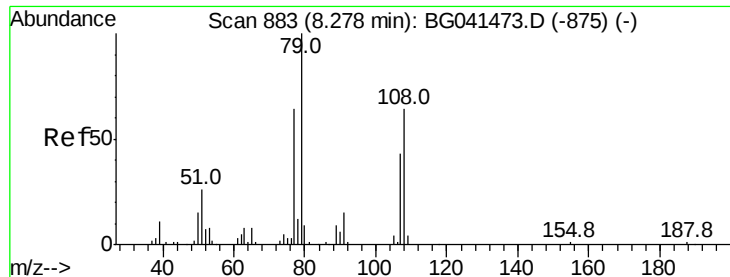
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





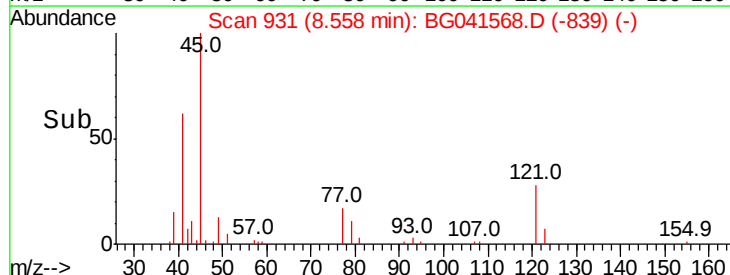
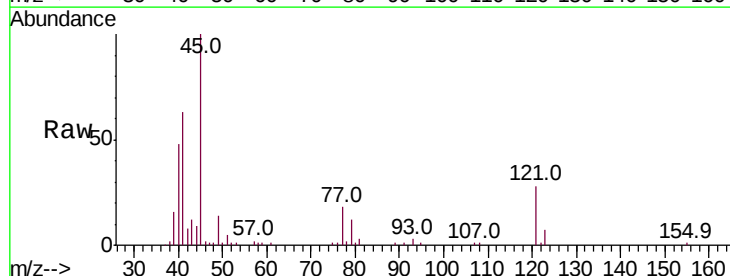
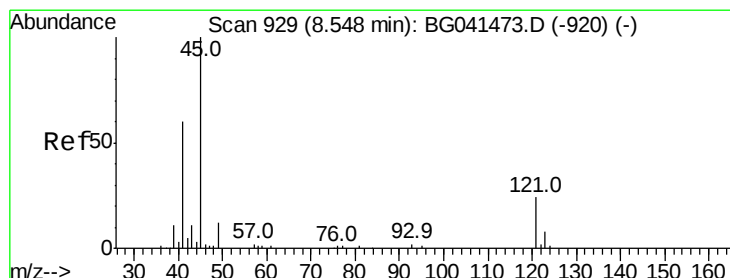
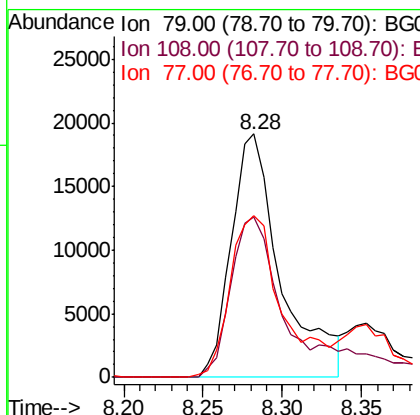
#15
Benzyl Alcohol
Concen: 23.468 ng
RT: 8.28 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tot Ion: 79 Resp: 41470
Ion Ratio Lower Upper
79 100
108 65.7 51.4 77.0
77 66.6 50.8 76.2

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

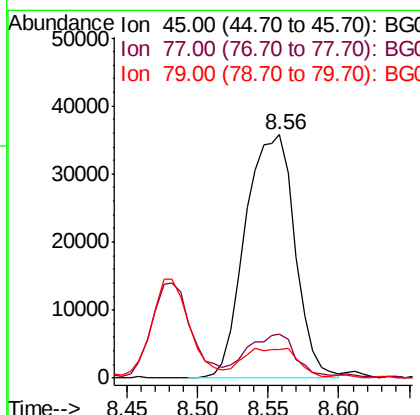
Manual Integrations
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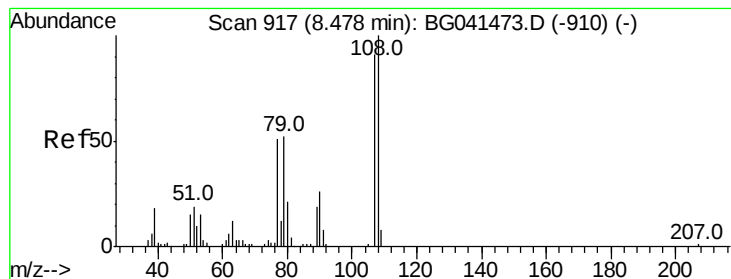
mohammad
7/3/2019 10:55:21 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.267 ng
RT: 8.56 min Scan# 931
Delta R.T. 0.01 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion: 45 Resp: 87831
Ion Ratio Lower Upper
45 100
77 18.1 0.0 36.3
79 12.0 0.0 32.4





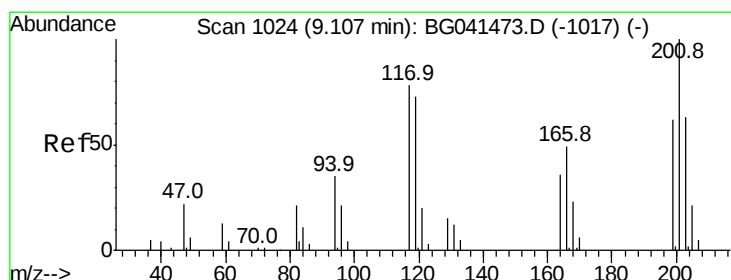
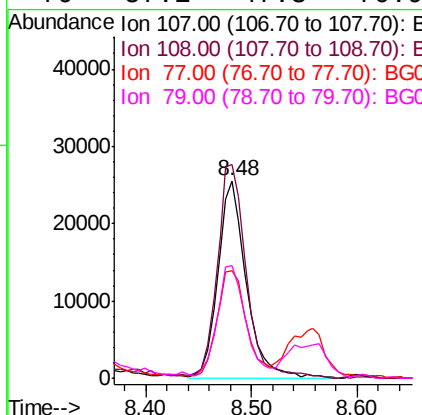
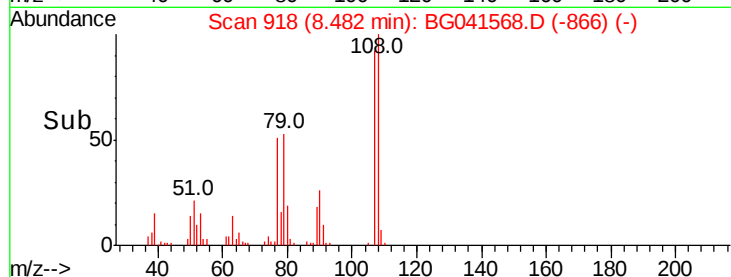
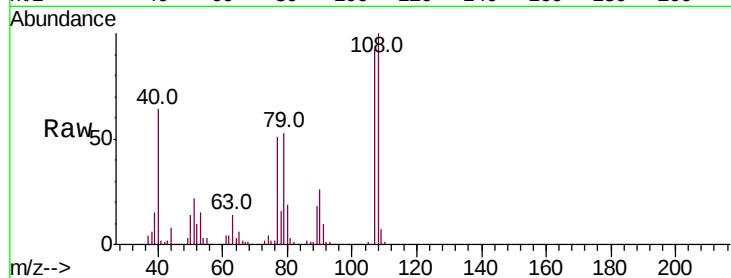
#17
2-Methylphenol
Concen: 29.422 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.3	88.0	132.0
77	54.8	45.3	67.9
79	57.1	47.3	70.9

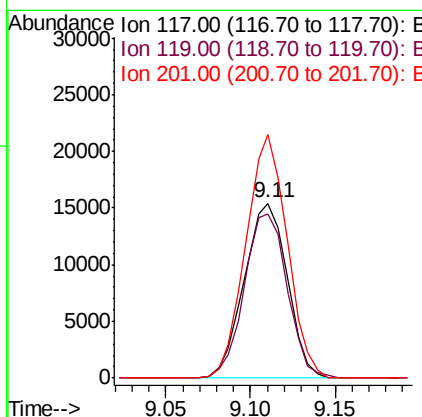
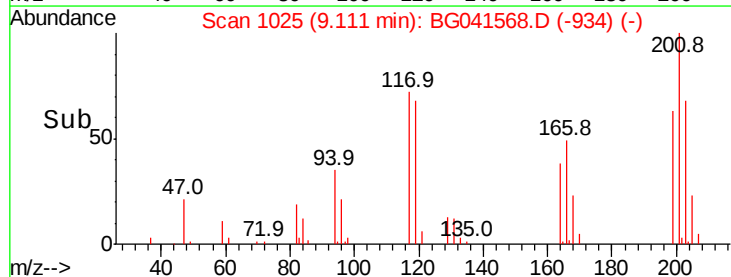
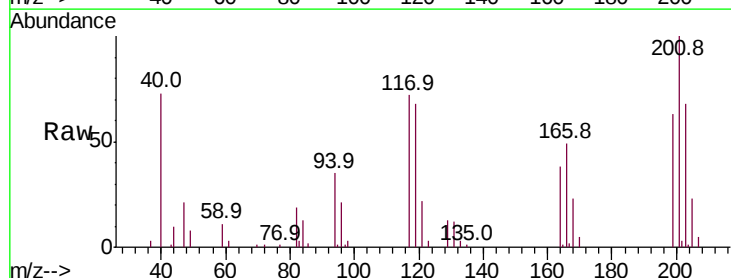
Manual Integrations
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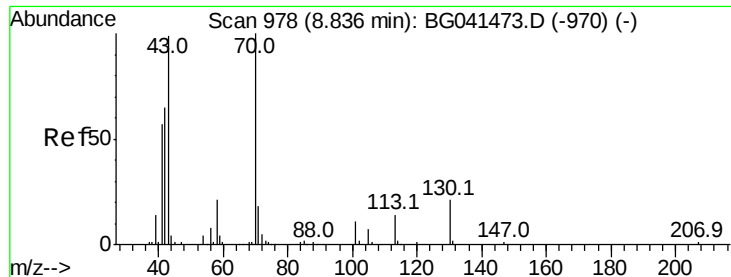
mohammad
7/3/2019 10:55:21 PM



#18
Hexachloroethane
Concen: 30.043 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	74.3	111.5
201	143.7	102.3	153.5





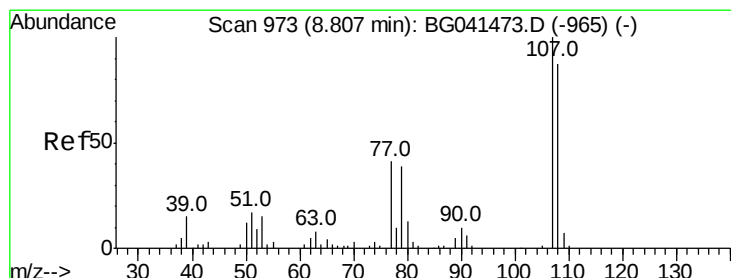
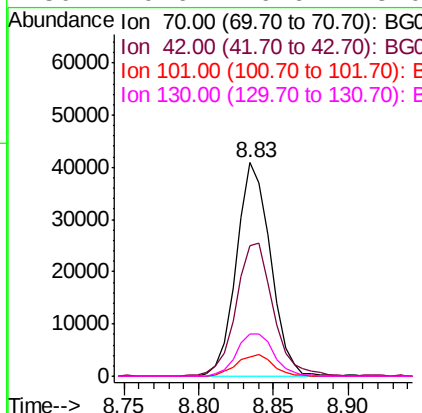
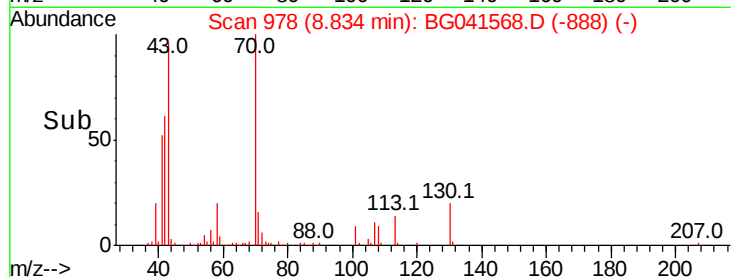
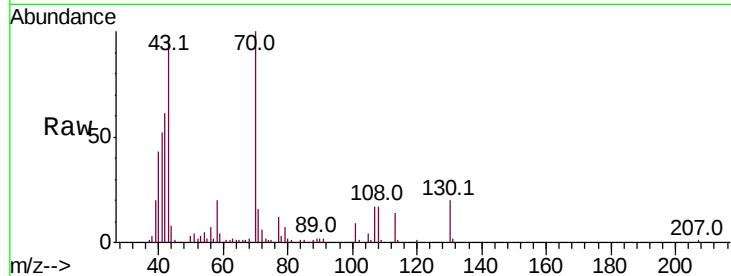
#19
n-Nitroso-di-n-propylamine
Concen: 39.303 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.1	52.6	78.8	
101	8.9	8.6	13.0	
130	19.6	16.6	25.0	

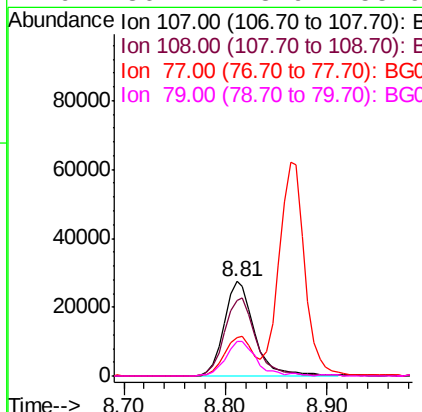
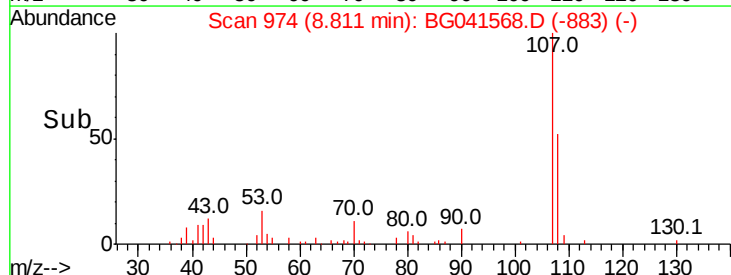
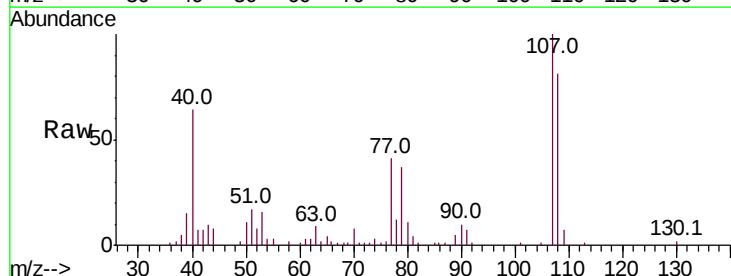
Manual Integrations
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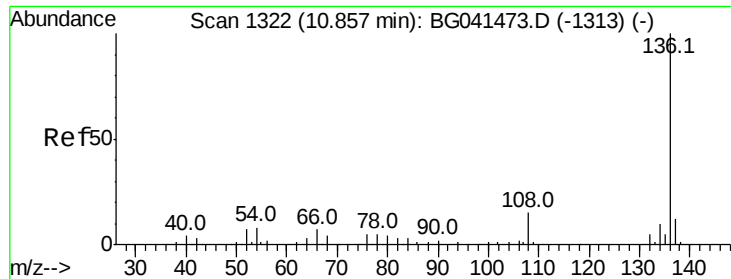
mohammad
7/3/2019 10:55:21 PM



#20
3+4-Methylphenols
Concen: 26.131 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	80.7	67.0	107.0	
77	40.9	20.6	60.6	
79	36.7	18.9	58.9	





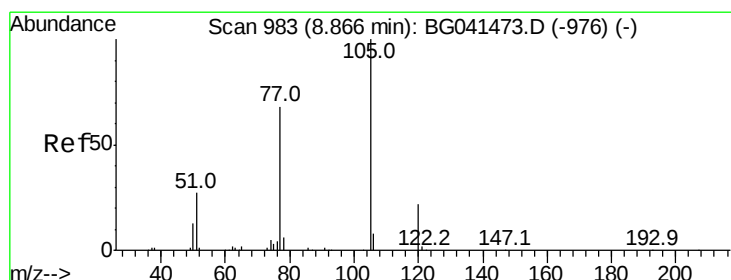
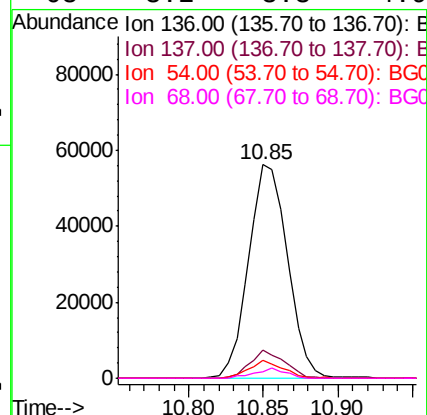
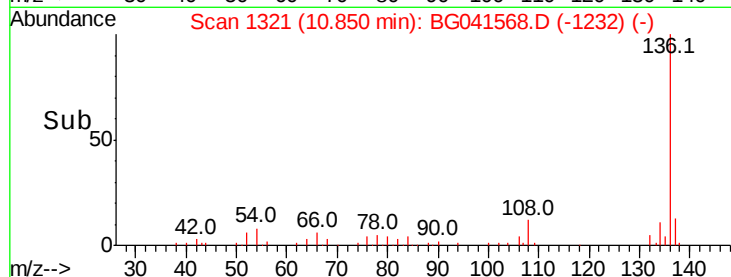
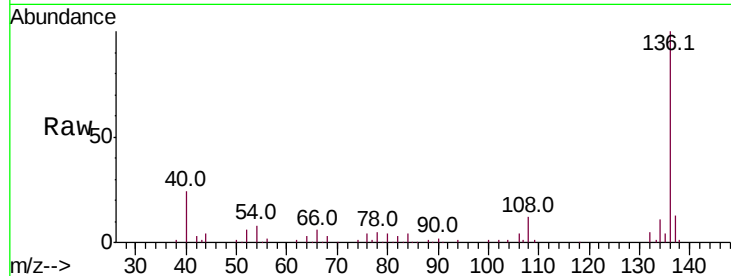
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	101411		
137	13.5	9.3	13.9	
54	8.2	7.1	10.7	
68	3.2	3.3	4.9#	

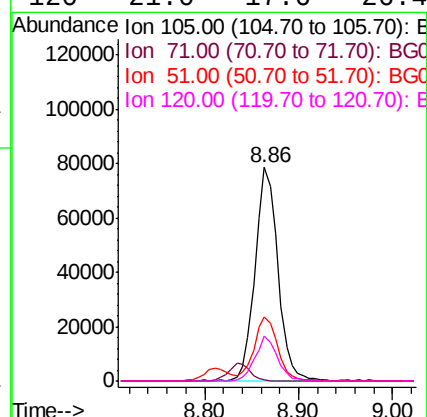
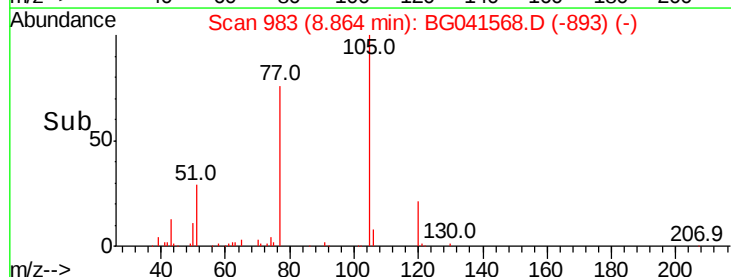
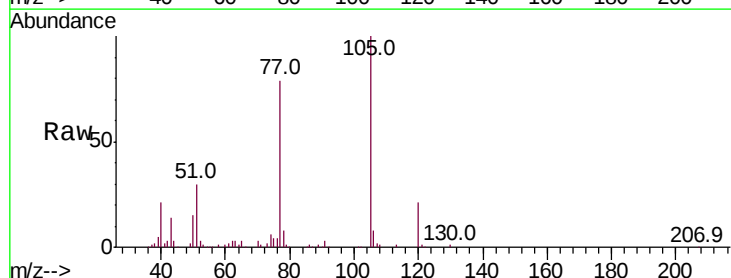
Manual Integrations
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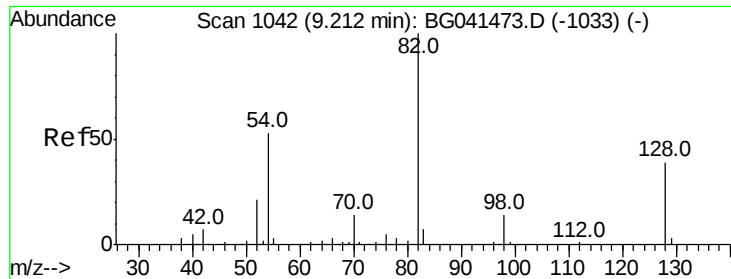
mohammad
7/3/2019 10:55:21 PM



#22
Acetophenone
Concen: 43.713 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	132971		
71	0.6	0.5	0.7	
51	30.1	25.0	37.6	
120	21.0	17.6	26.4	





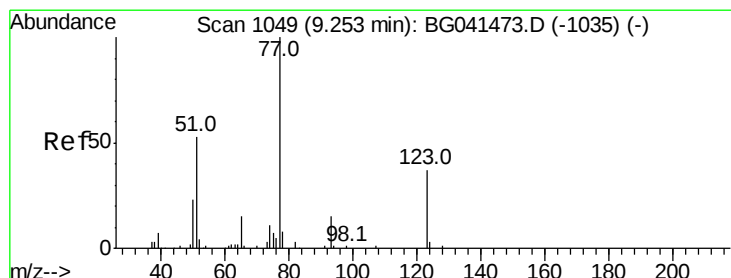
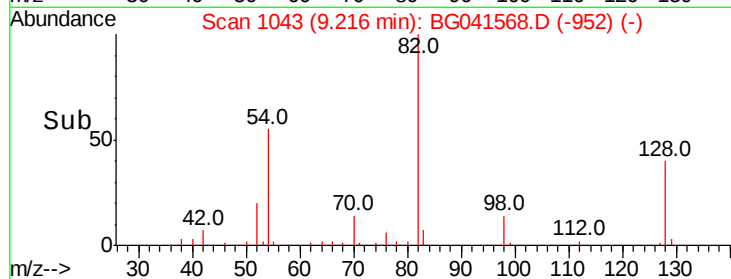
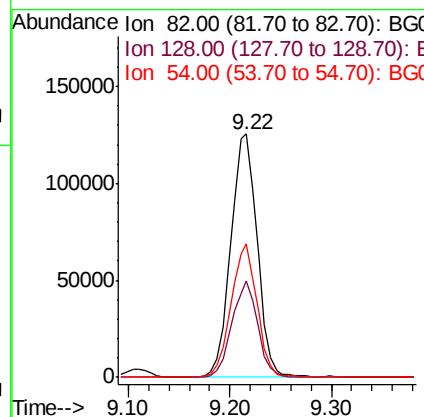
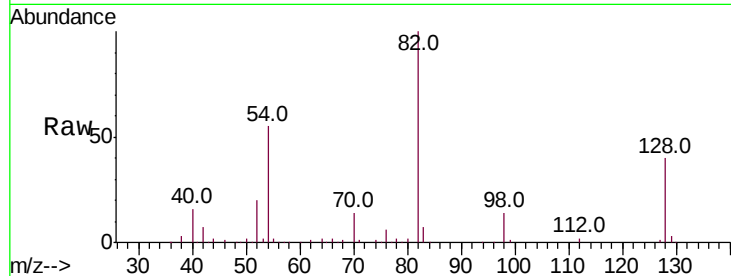
#23
 Nitrobenzene-d5
 Concen: 93.248 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.9	46.3
54	54.8	42.2	63.2

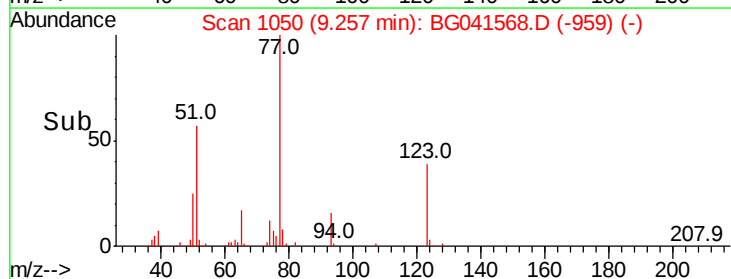
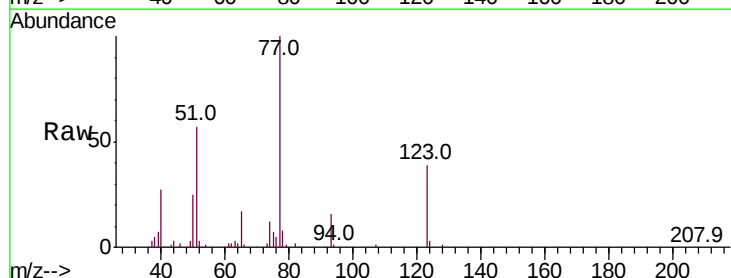
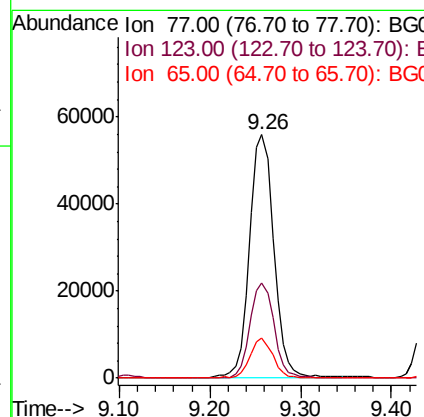
Manual Integrations
 APPROVED

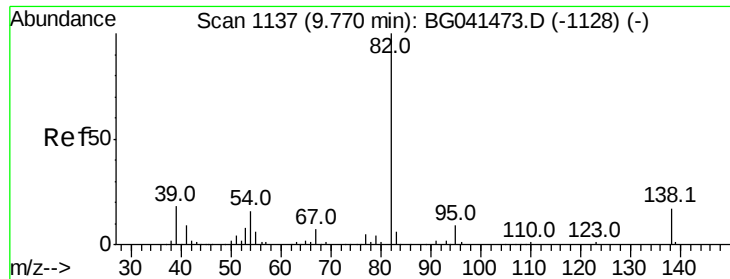
mohammad
 7/3/2019 10:55:21 PM



#24
 Nitrobenzene
 Concen: 42.774 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.0	29.9	44.9
65	16.5	12.2	18.4





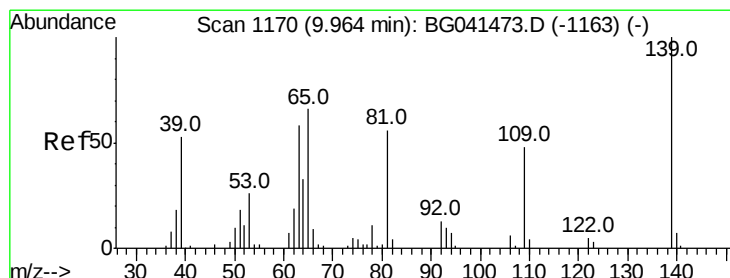
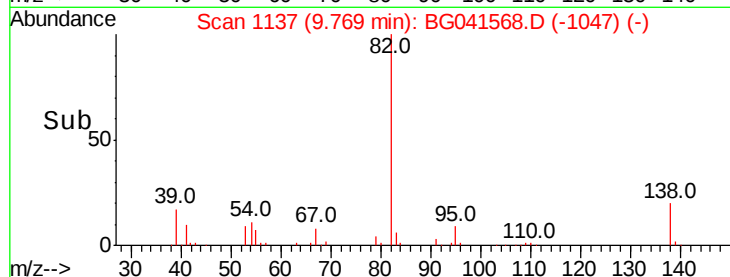
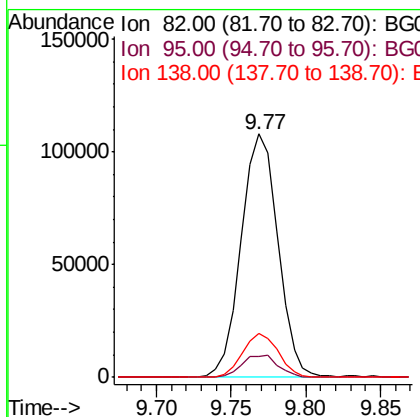
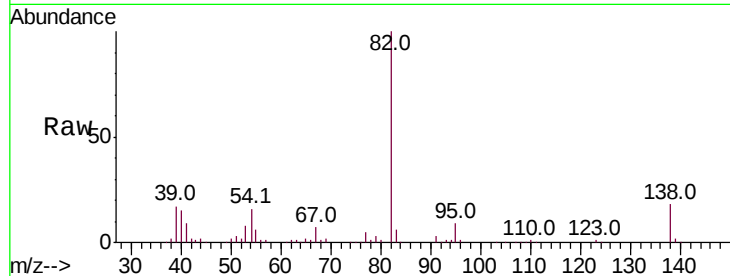
#25
Isophorone
Concen: 42.334 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.5	6.8	10.2	
138	17.8	13.7	20.5	

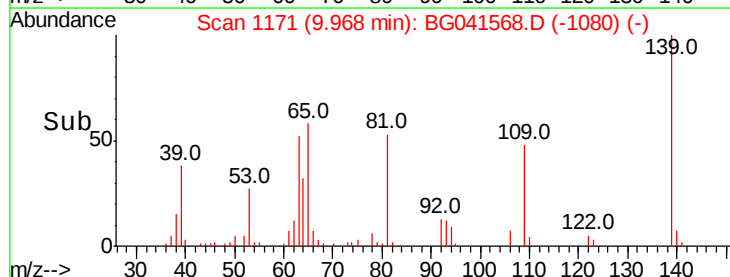
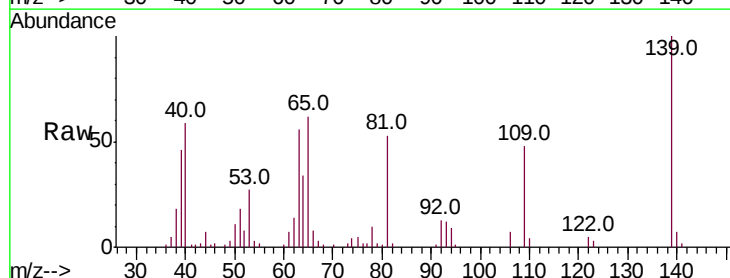
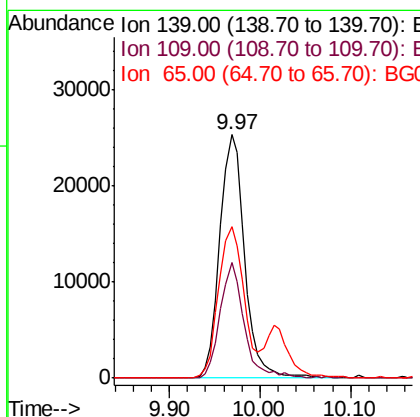
Manual Integrations
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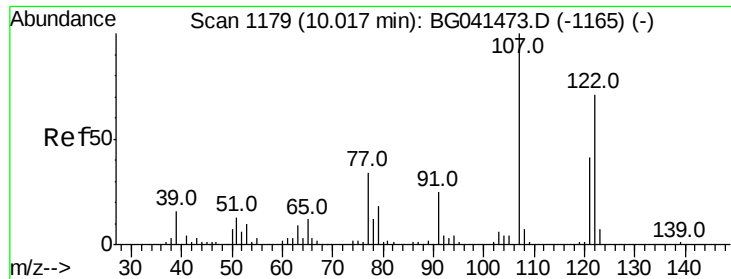
mohammad
7/3/2019 10:55:21 PM



#26
2-Nitrophenol
Concen: 47.332 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	47.7	38.6	57.8	
65	62.1	52.6	78.8	





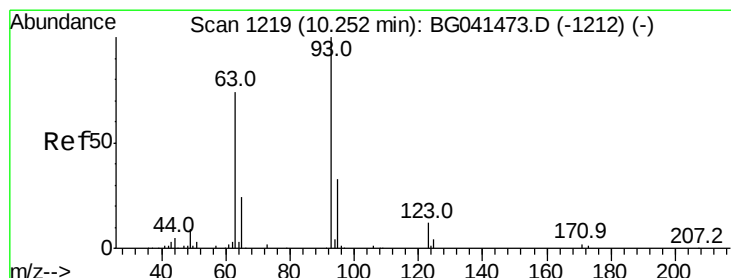
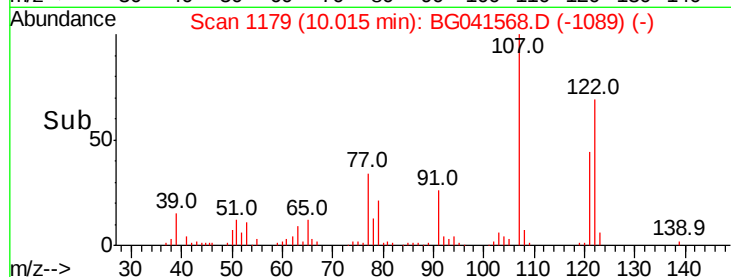
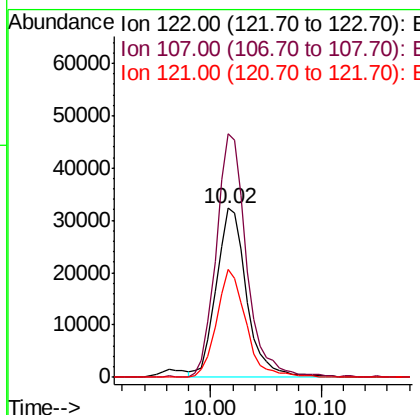
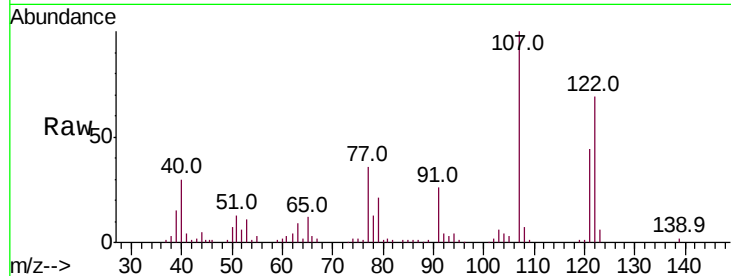
#27
 2,4-Dimethylphenol
 Concen: 43.927 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	144.2	112.9	169.3		
121	64.0	46.1	69.1		

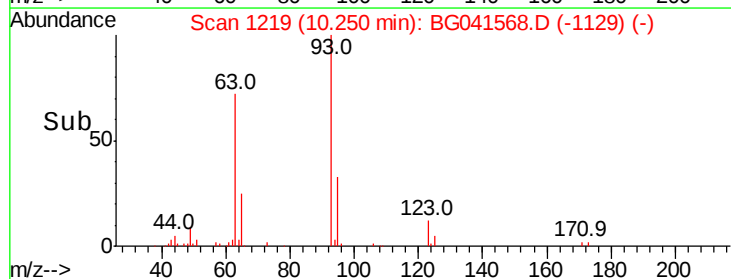
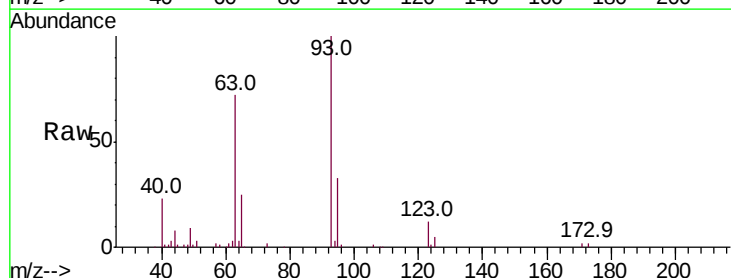
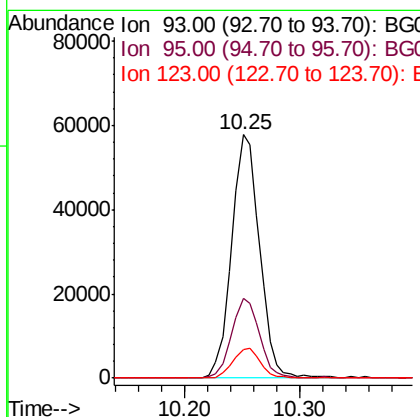
Manual Integrations
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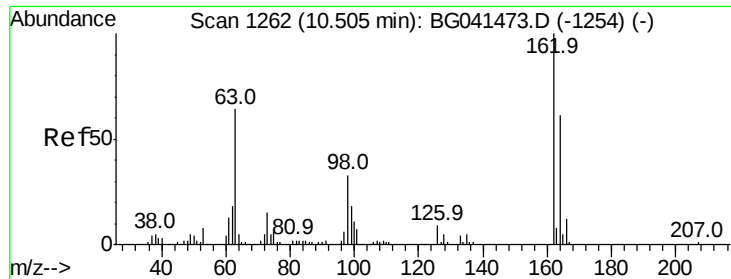
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.905 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.8	26.2	39.2		
123	11.8	9.6	14.4		





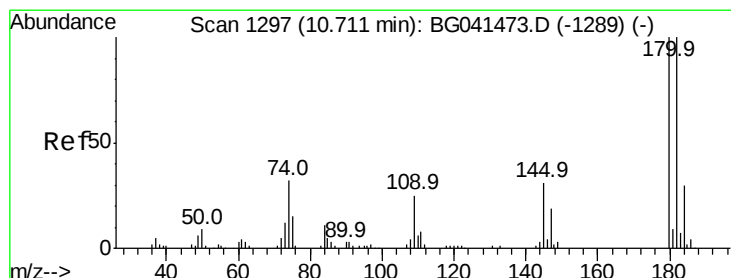
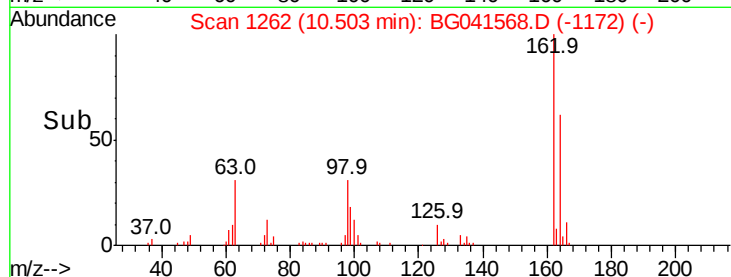
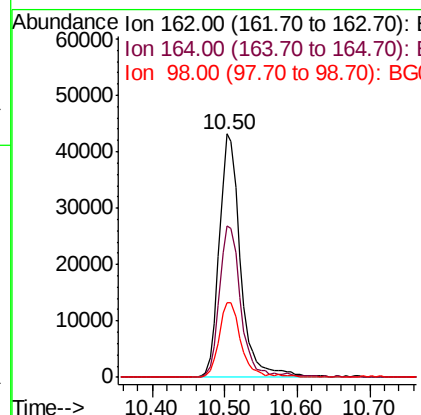
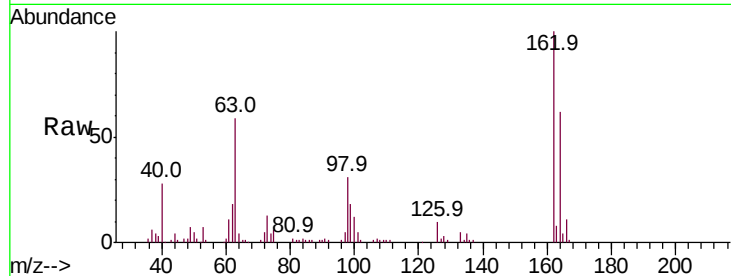
#29
 2,4-Dichlorophenol
 Concen: 45.943 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion:	162	Resp:	88031
Ion Ratio	Lower	Upper	
162	100		
164	62.0	41.3	81.3
98	30.7	13.2	53.2

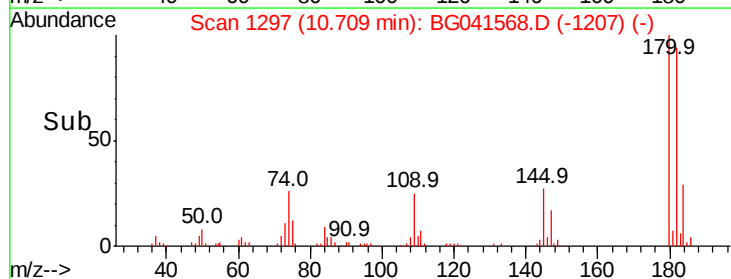
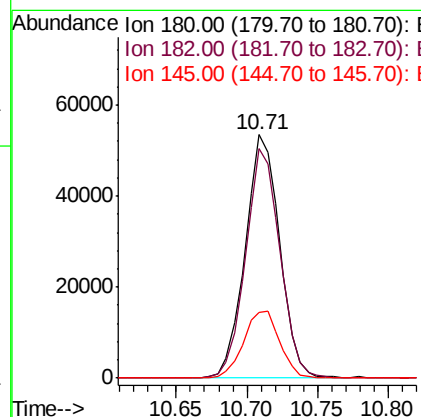
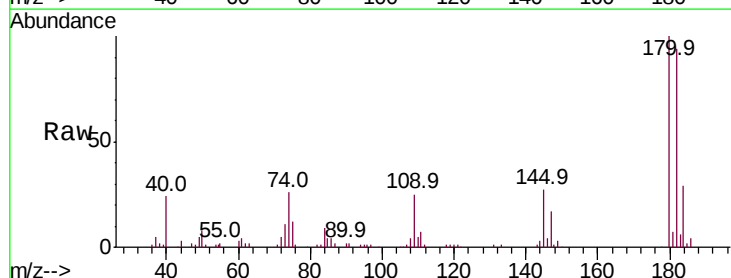
Manual Integrations
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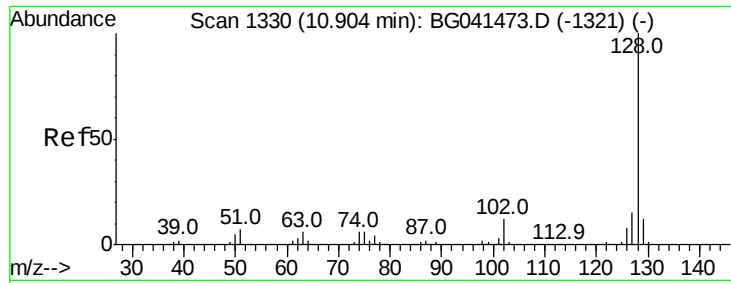
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.369 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion:	180	Resp:	91773
Ion Ratio	Lower	Upper	
180	100		
182	94.3	79.9	119.9
145	27.0	24.7	37.1





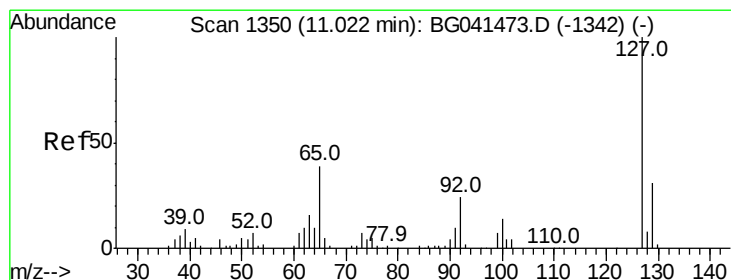
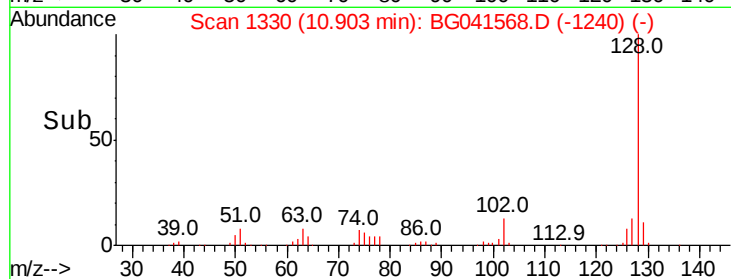
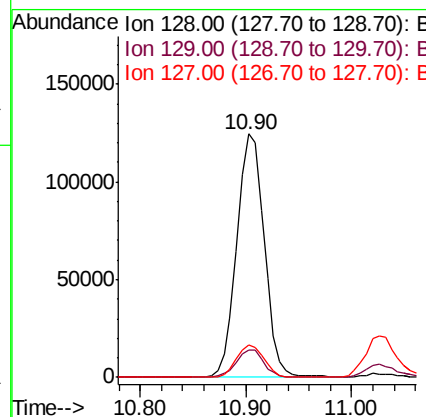
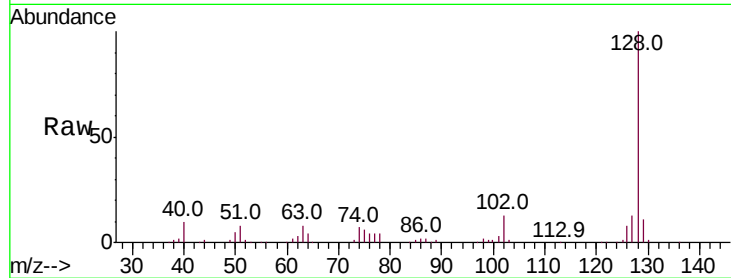
#31
Naphthalene
Concen: 39.921 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.7	14.5
127	13.2	11.6	17.4

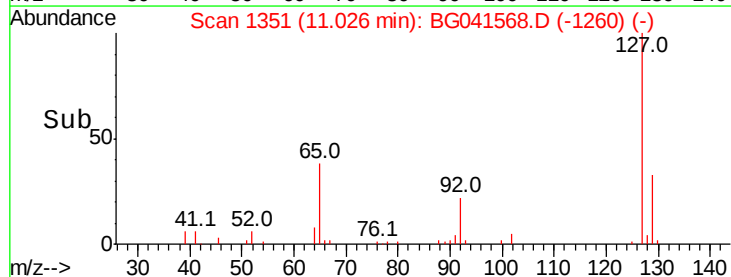
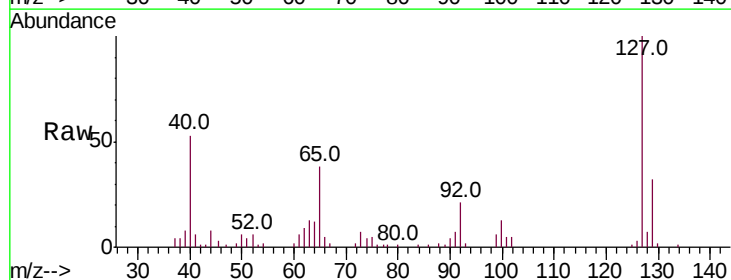
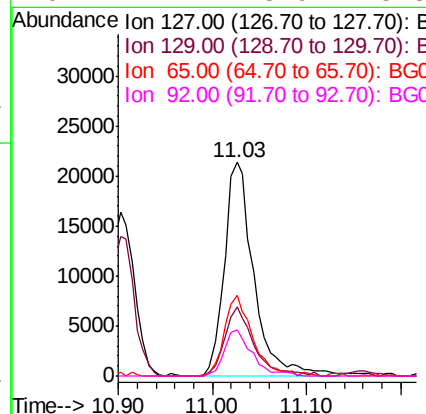
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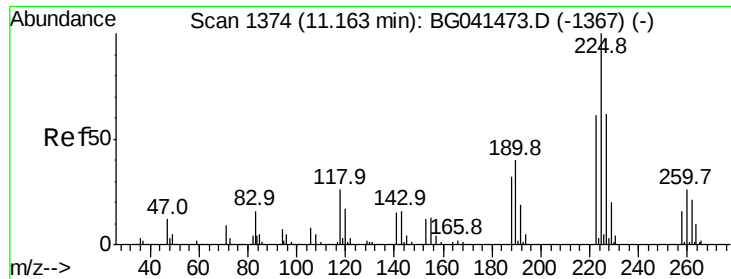
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#33
4-Chloroaniline
Concen: 19.761 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.6	37.0
65	37.8	31.5	47.3
92	21.4	18.9	28.3





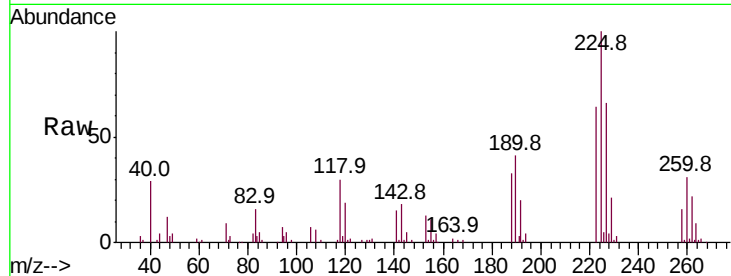
#34
Hexachlorobutadiene
Concen: 32.912 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.3	48.6	72.8
227	70.0	49.3	73.9

Manual Integrations
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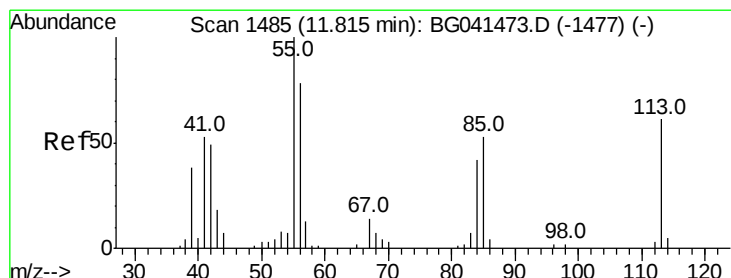
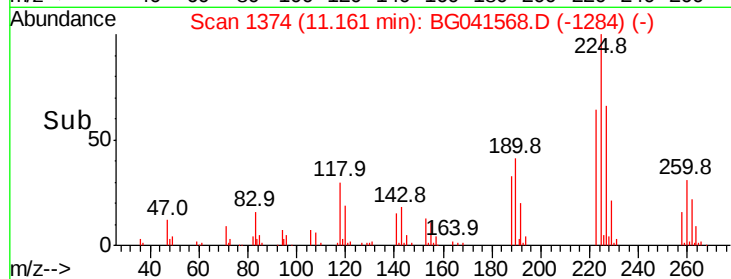
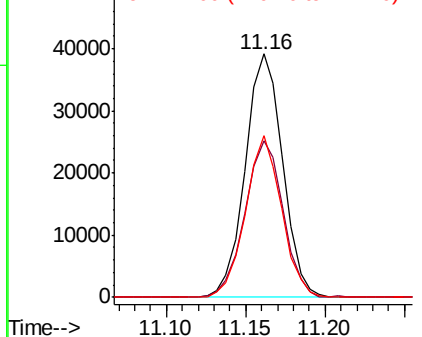


Abundance

Ion 225.00 (224.70 to 225.70): E

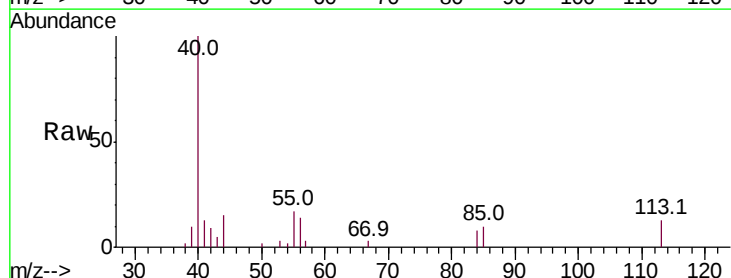
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 6.223 ng
RT: 11.82 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
113	100		
55	131.7	145.1	185.1#
56	106.6	109.4	149.4#

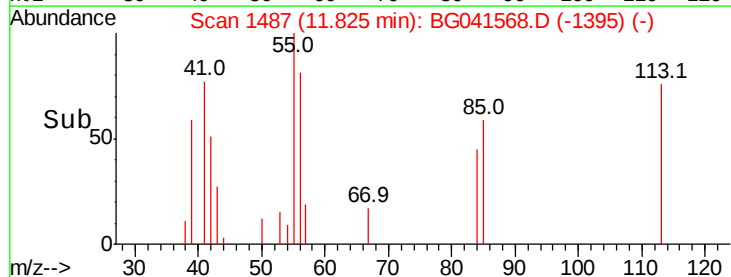
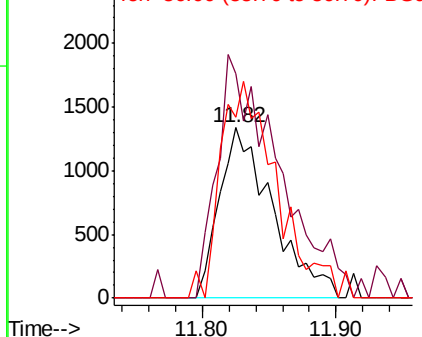


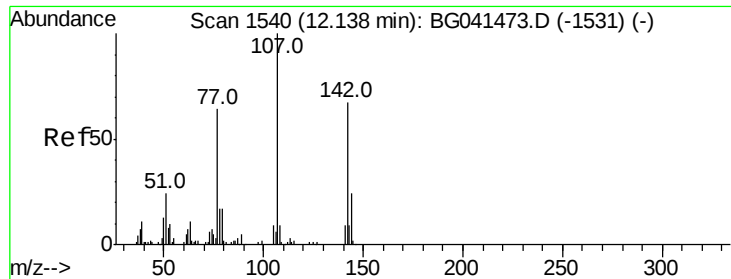
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG





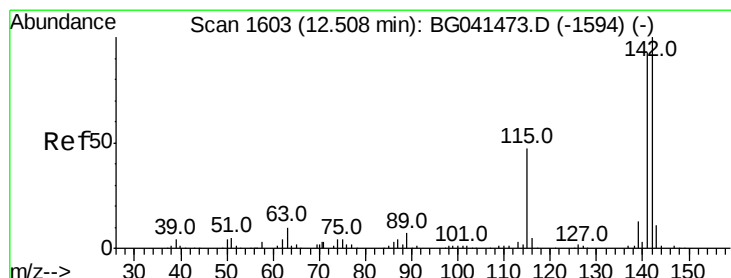
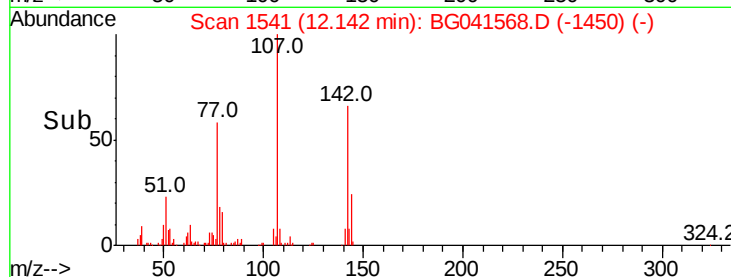
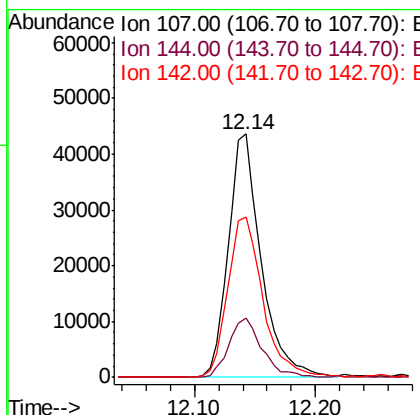
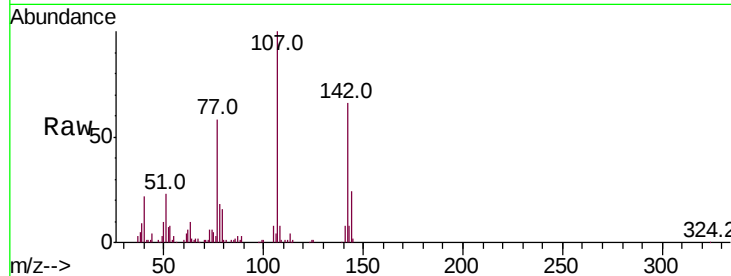
#36
4-Chloro-3-methylphenol
Concen: 39.719 ng
RT: 12.14 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.4	29.0
142	66.0	53.8	80.6

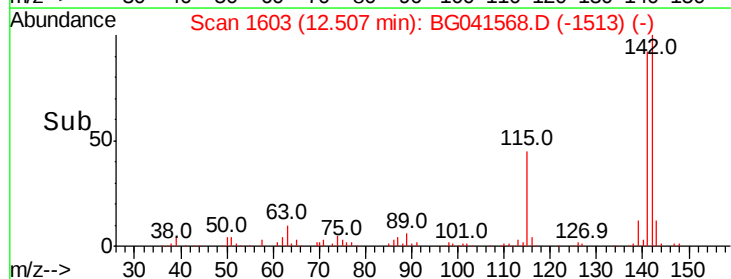
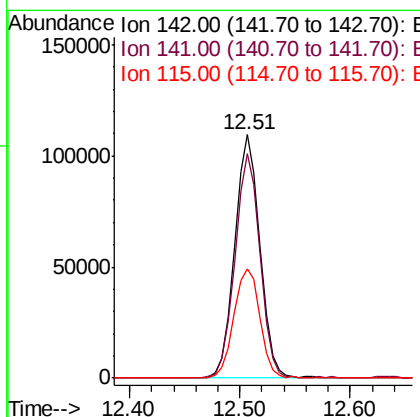
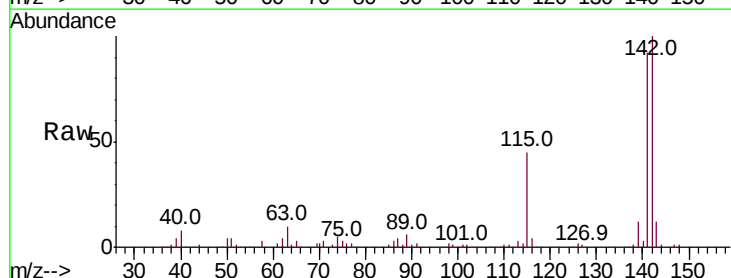
Manual Integrations
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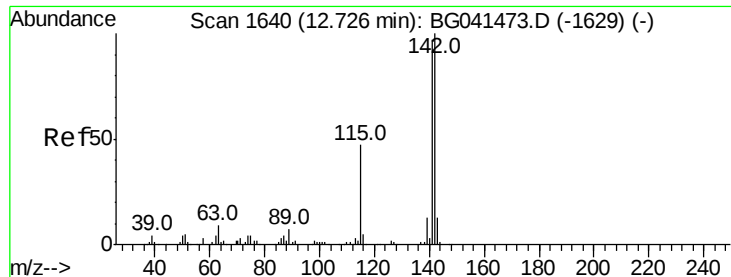
mohammad
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#37
2-Methylnaphthalene
Concen: 42.407 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.8	112.2
115	44.7	38.0	57.0





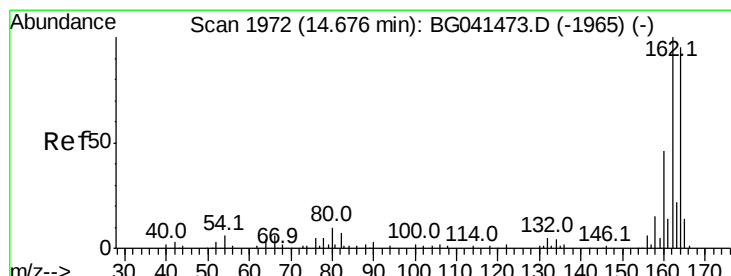
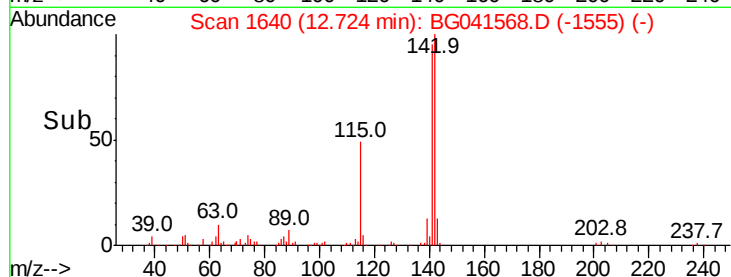
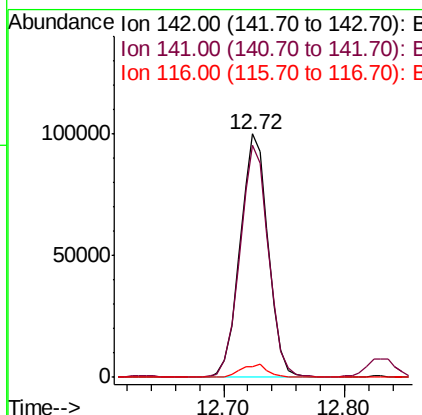
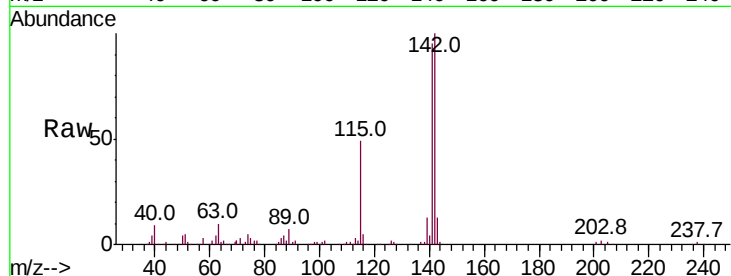
#38
1-Methylnaphthalene
Concen: 40.926 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.3	77.4	116.2
116	4.5	3.8	5.8

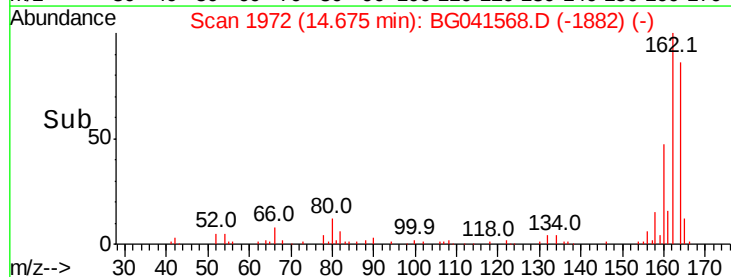
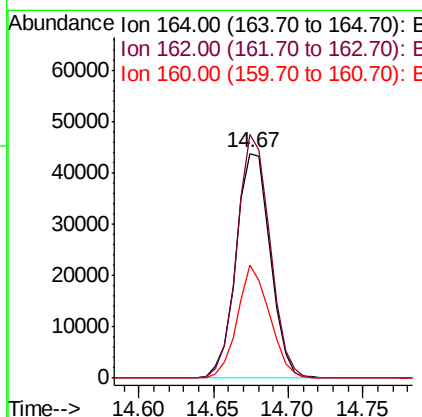
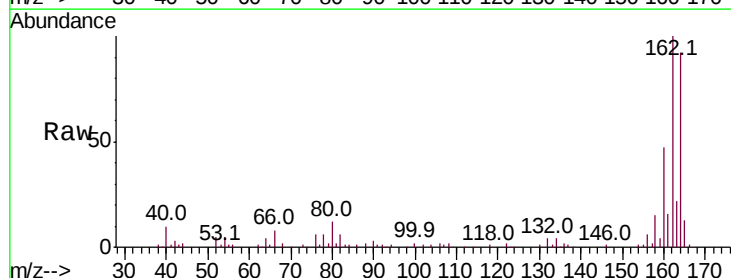
Manual Integrations
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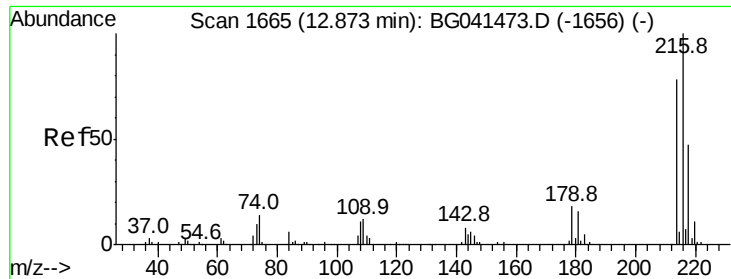
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	84.4	126.6
160	50.4	38.8	58.2





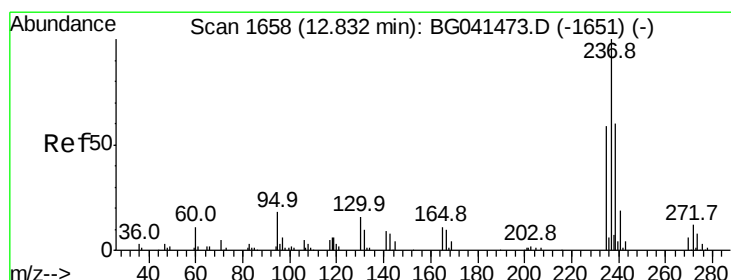
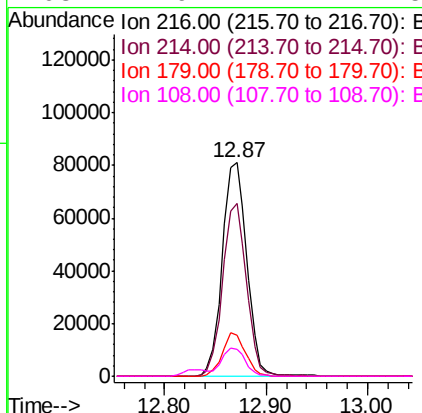
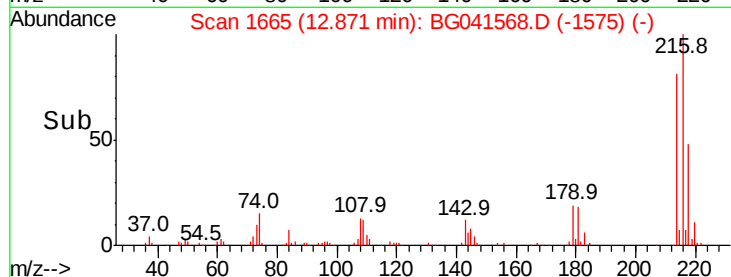
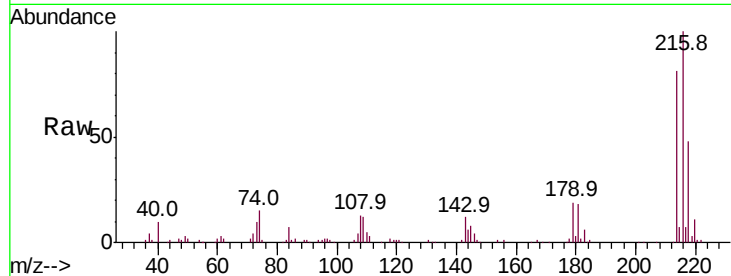
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.416 ng
 RT: 12.87 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	136207		
214	78.3	63.4	95.2	
179	18.9	15.1	22.7	
108	12.9	11.7	17.5	

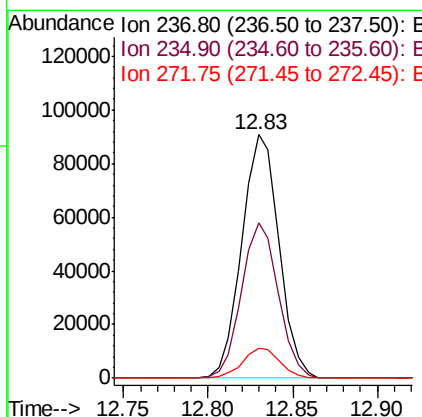
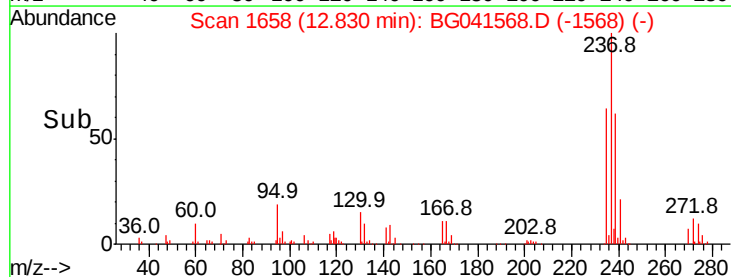
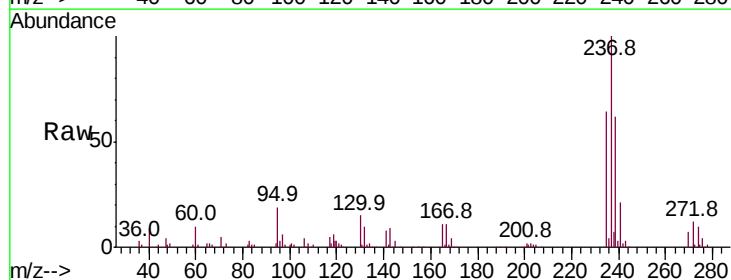
Manual Integrations
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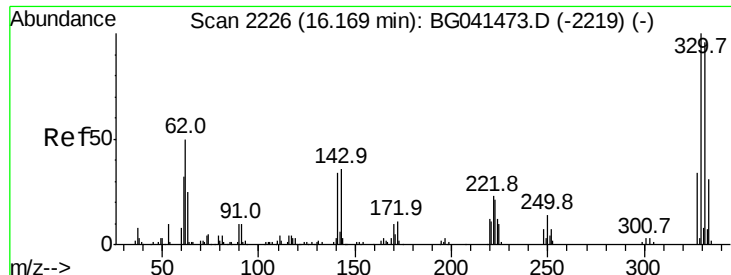
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#41
 Hexachlorocyclopentadiene
 Concen: 83.201 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	138686		
235	64.0	39.1	79.1	
272	12.1	0.0	31.5	





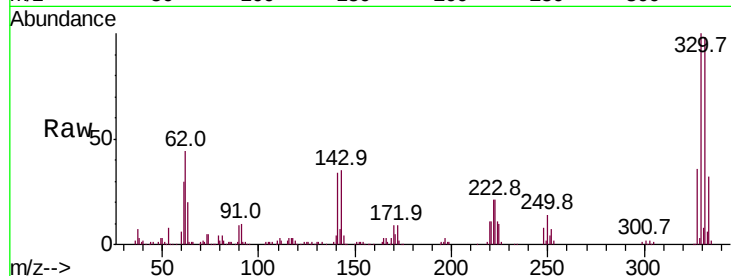
#42
 2,4,6-Tribromophenol
 Concen: 154.818 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.5	113.3
141	34.6	27.8	41.6

Manual Integrations
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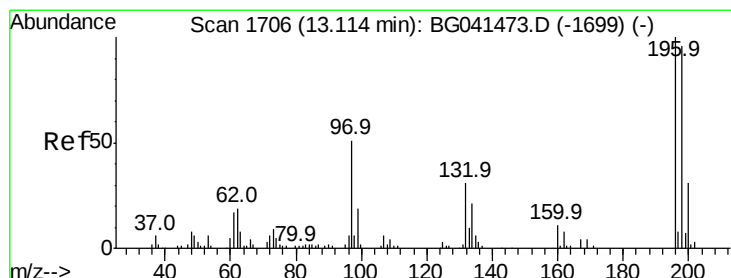
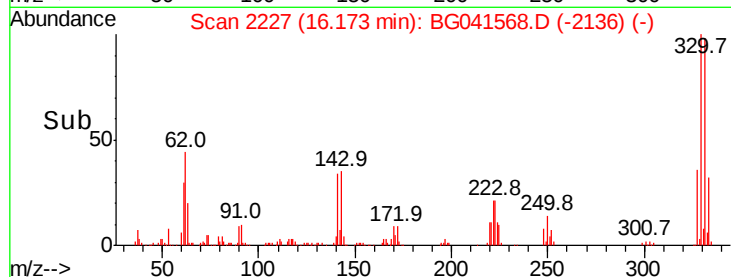
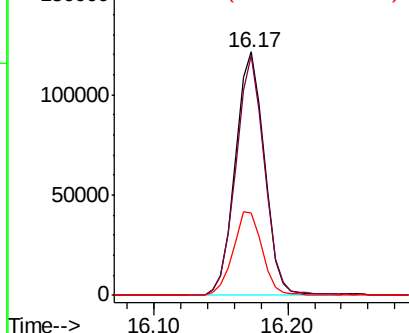


Abundance

Ion 329.80 (329.50 to 330.50): E

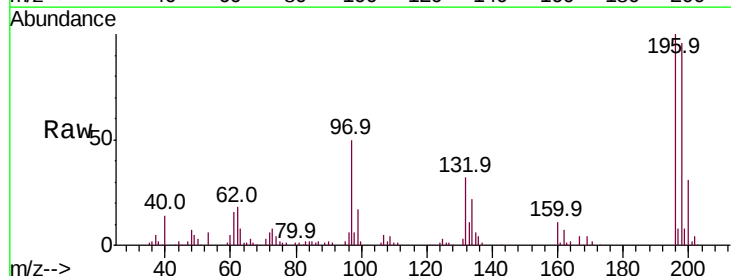
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 48.638 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.7	115.1
200	31.0	24.4	36.6

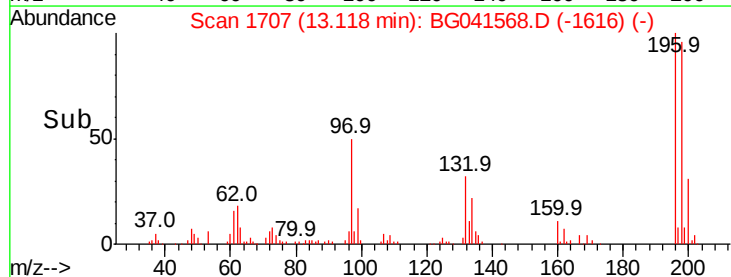
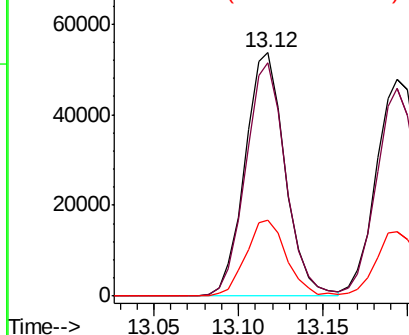


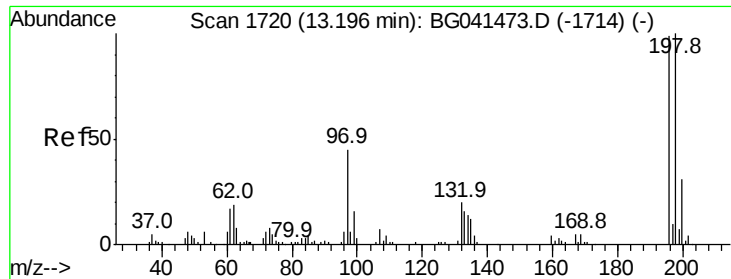
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





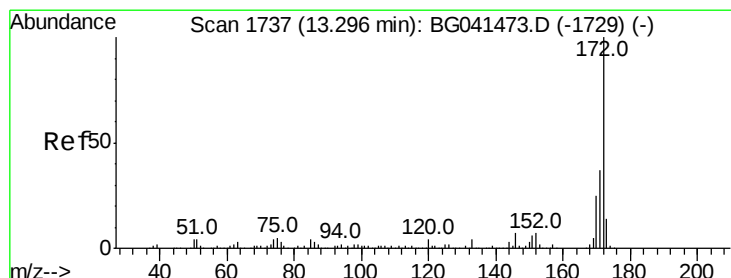
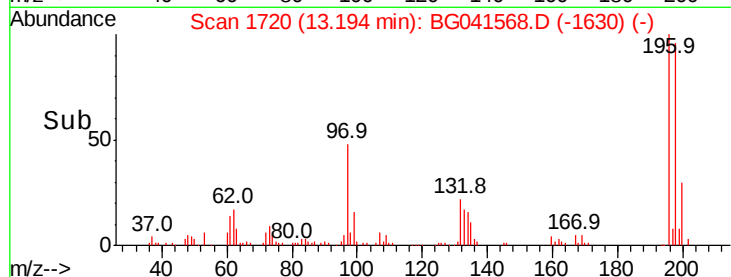
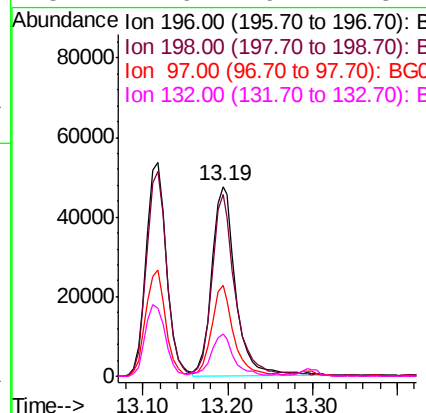
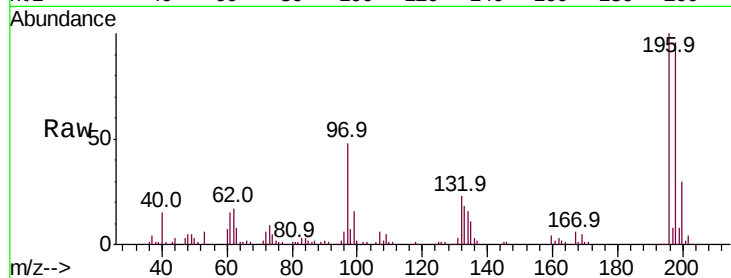
#44
 2,4,5-Trichlorophenol
 Concen: 52.243 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	94697		
198	95.8	80.5	120.7	
97	47.8	36.5	54.7	
132	22.6	16.7	25.1	

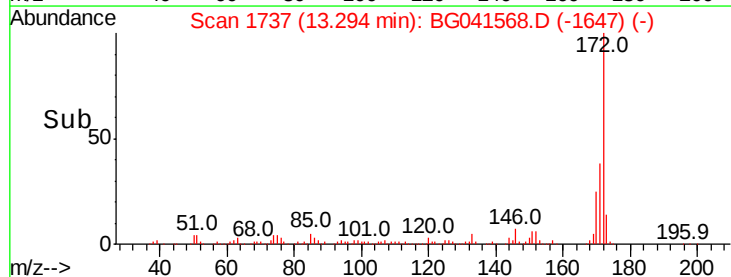
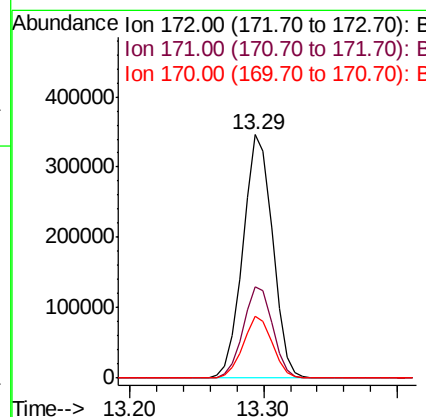
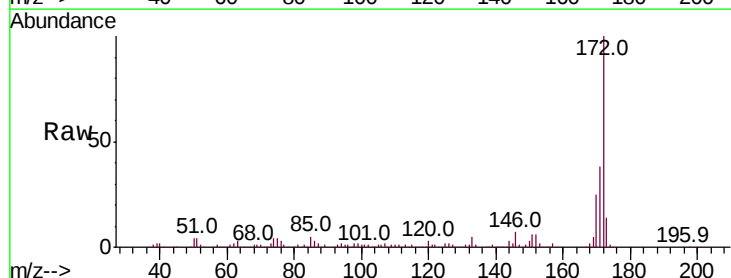
Manual Integrations
 APPROVED

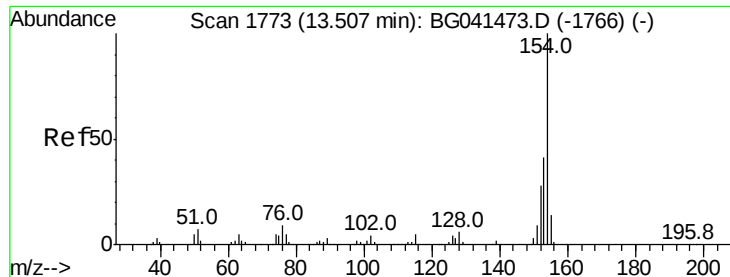
mohammad
 7/3/2019 10:55:21 PM



#45
 2-Fluorobiphenyl
 Concen: 97.493 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	529098		
171	37.7	29.6	44.4	
170	25.4	20.0	30.0	





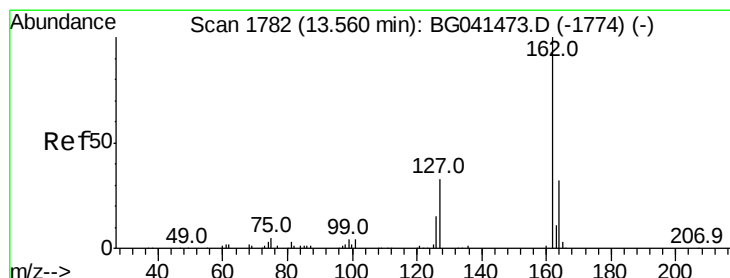
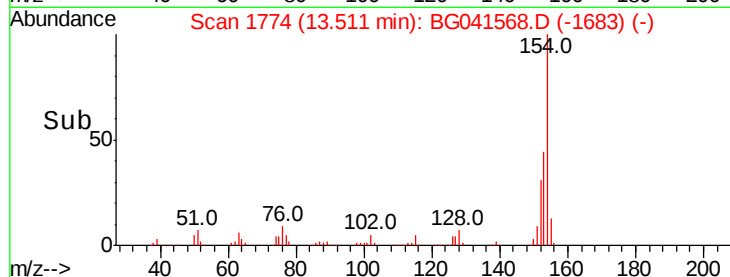
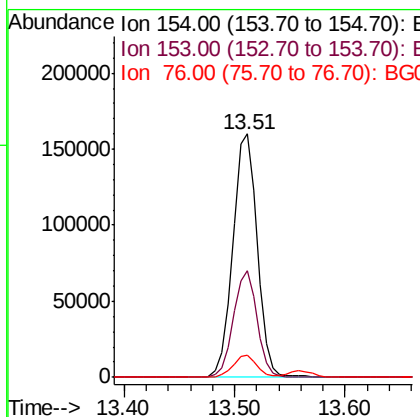
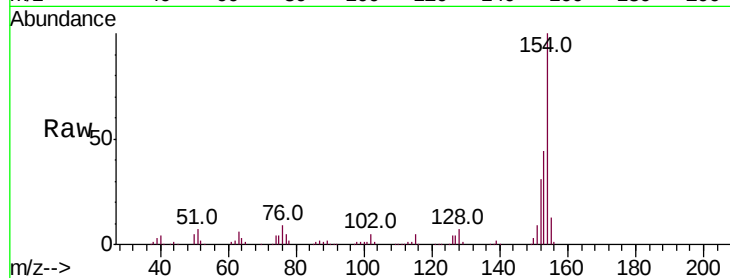
#46
 1,1'-Biphenyl
 Concen: 45.171 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.8	20.9	60.9
76	9.3	0.0	29.4

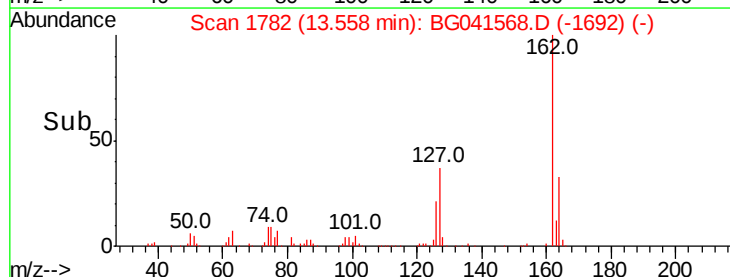
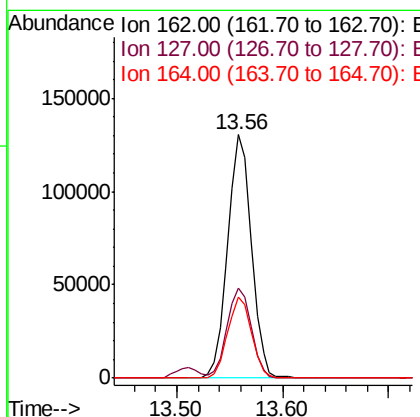
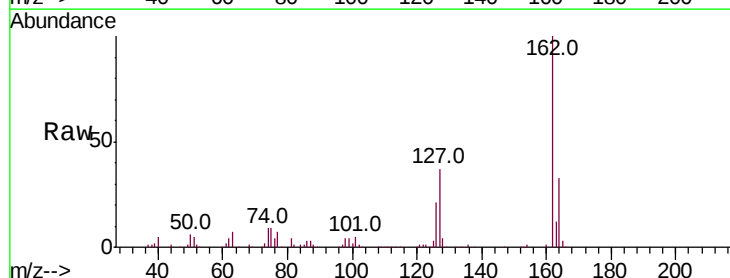
Manual Integrations
 APPROVED

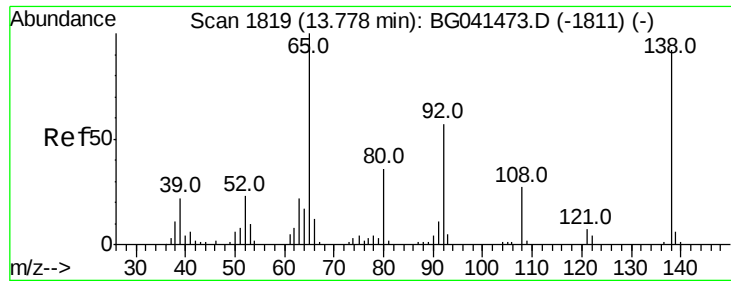
mohammad
 7/3/2019 10:55:21 PM



#47
 2-Chloronaphthalene
 Concen: 42.766 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.0	45.0
164	33.2	25.8	38.6





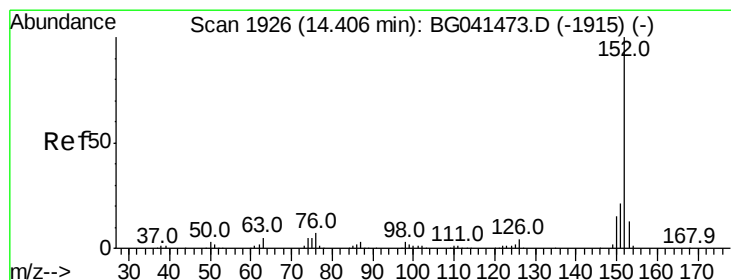
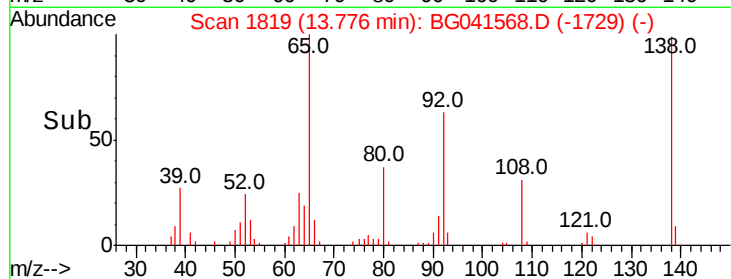
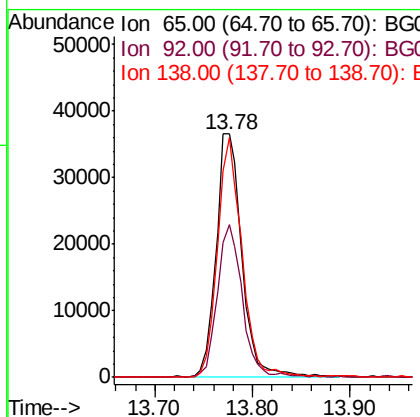
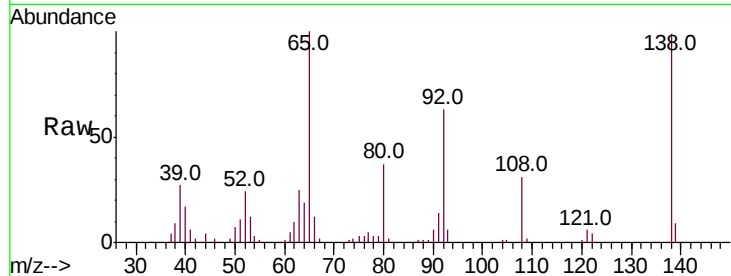
#48
2-Nitroaniline
Concen: 41.871 ng
RT: 13.78 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	45.9	68.9
138	98.7	73.4	110.2

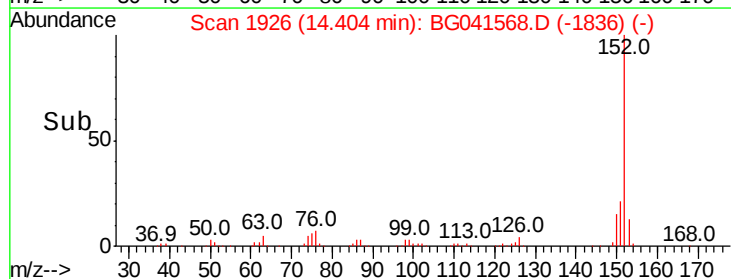
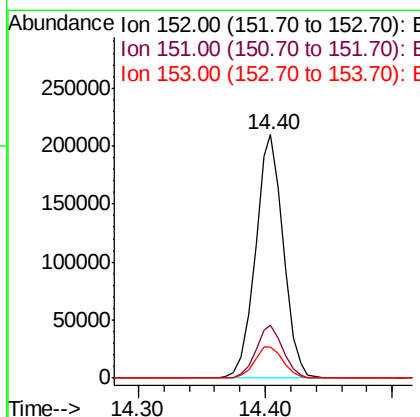
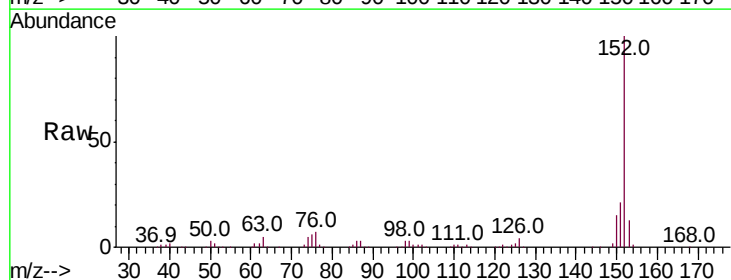
Manual Integrations
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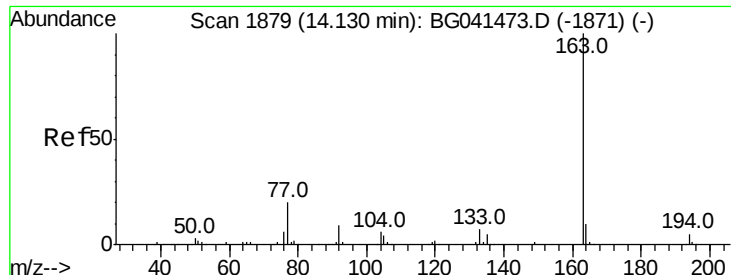
mohammad
7/3/2019 10:55:21 PM



#49
Acenaphthylene
Concen: 45.232 ng
RT: 14.40 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.7	25.1
153	12.9	10.8	16.2





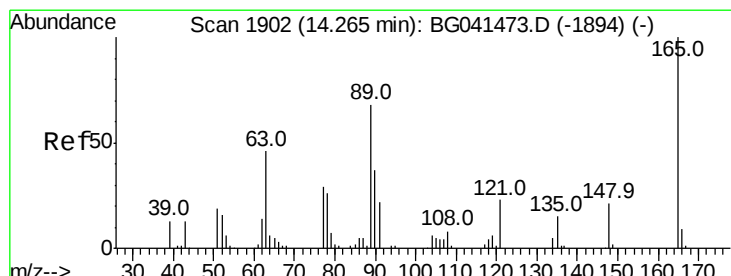
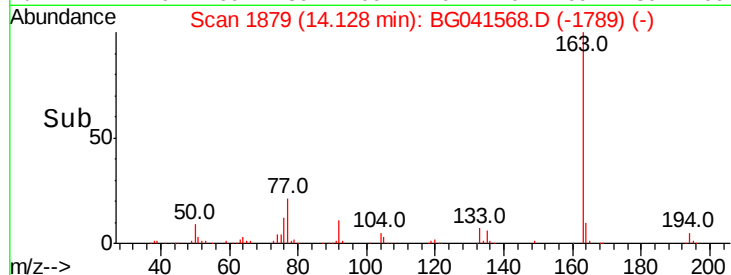
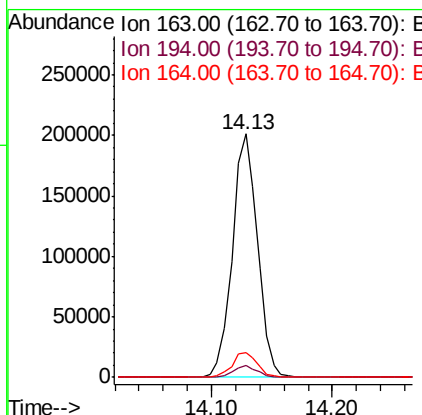
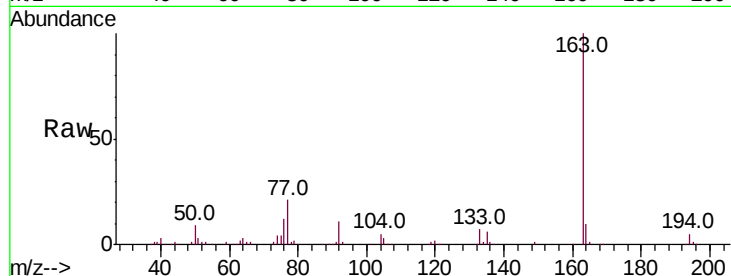
#50
Dimethylphthalate
Concen: 45.939 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	291146		
194	5.1		3.7	5.5
164	10.1		7.8	11.6

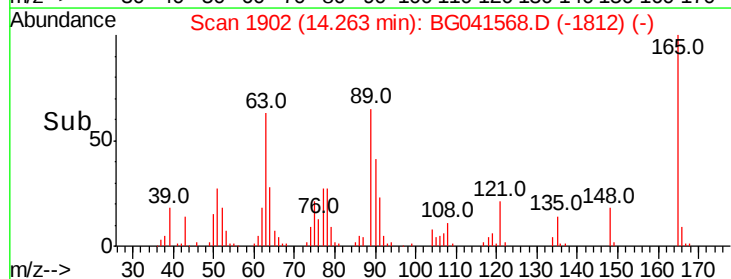
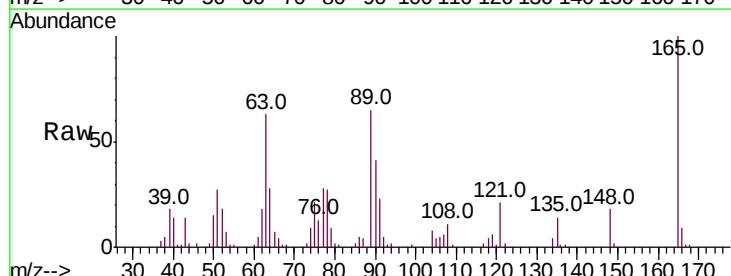
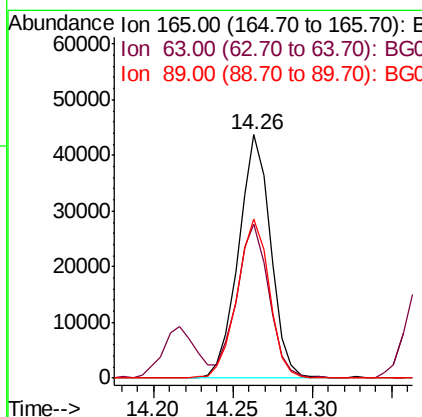
Manual Integrations
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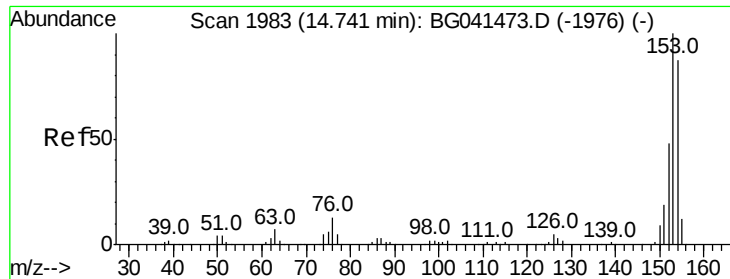
mohammad
7/3/2019 10:55:21 PM



#51
2,6-Dinitrotoluene
Concen: 45.564 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	61281		
63	63.1		56.4	84.6
89	65.4		54.6	81.8





#52

Acenaphthene

Concen: 45.163 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

Tot Ion:154 Resp: 188938

Ion Ratio Lower Upper

154 100

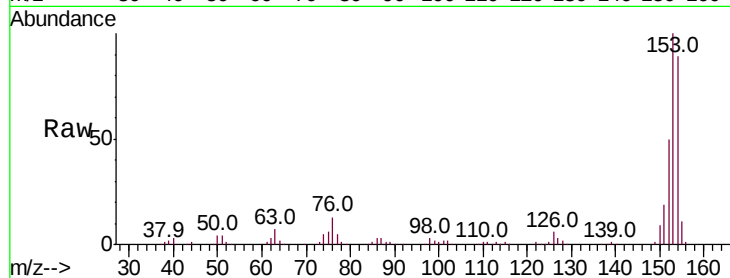
153 112.3 92.2 138.4

152 55.8 44.1 66.1

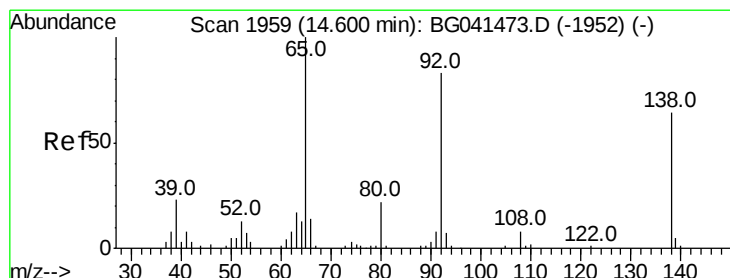
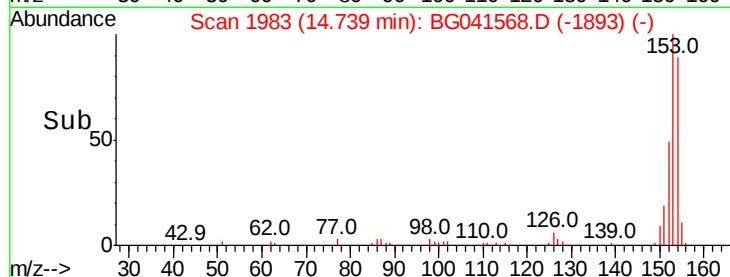
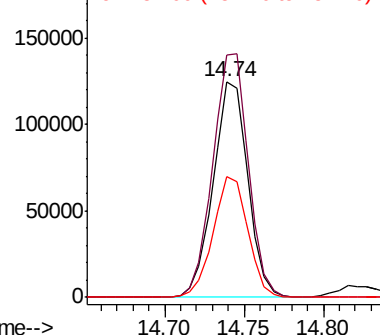
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 20.688 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

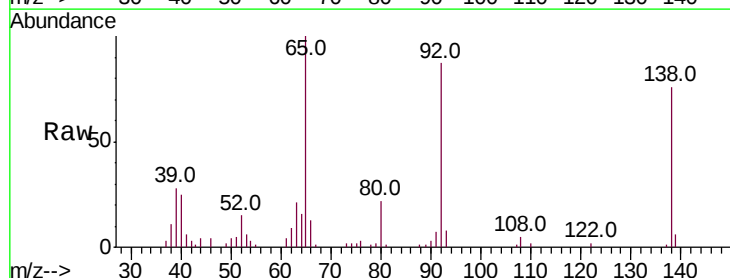
Tgt Ion:138 Resp: 26563

Ion Ratio Lower Upper

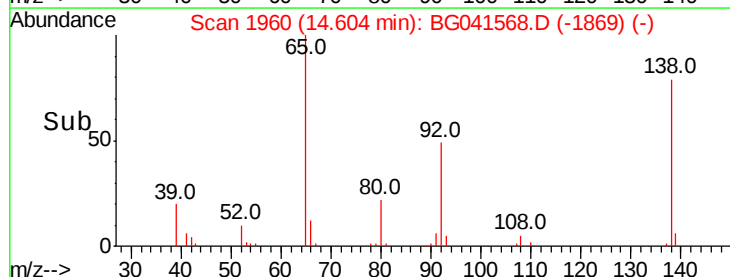
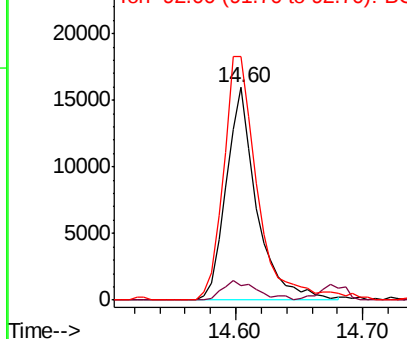
138 100

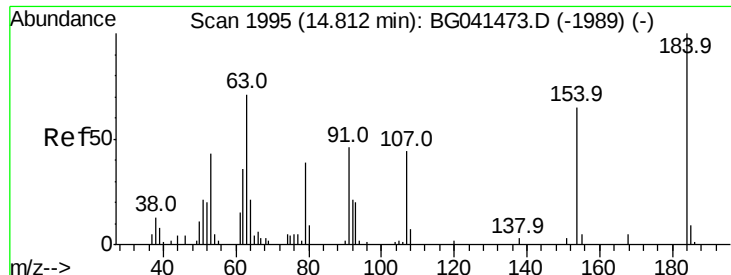
108 6.9 9.5 14.3#

92 114.4 103.3 154.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





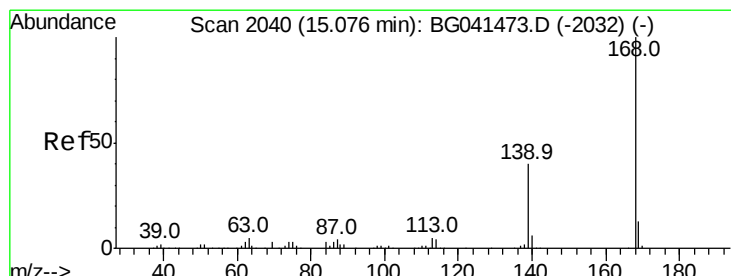
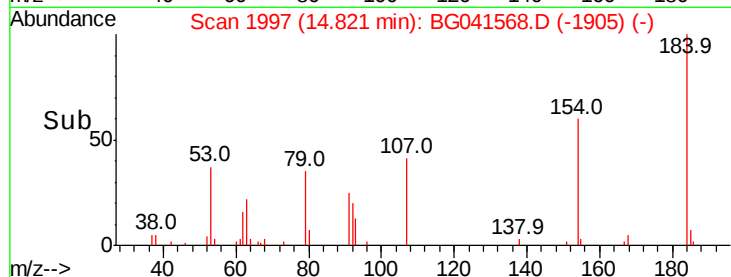
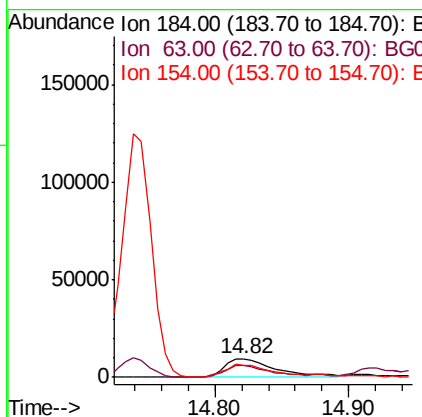
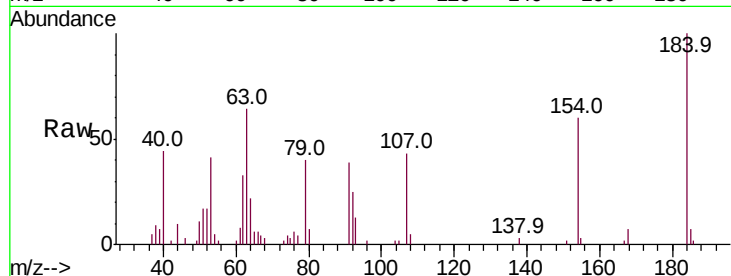
#54
 2,4-Dinitrophenol
 Concen: 33.330 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.2	56.5	84.7
154	60.2	54.2	81.4

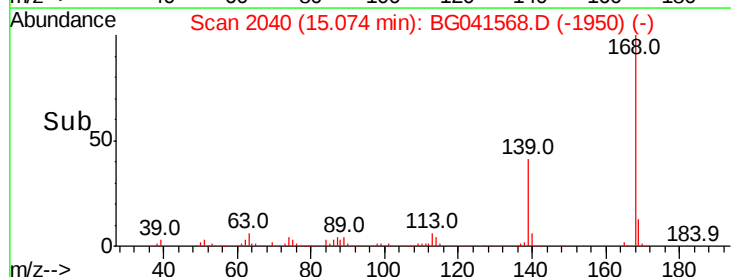
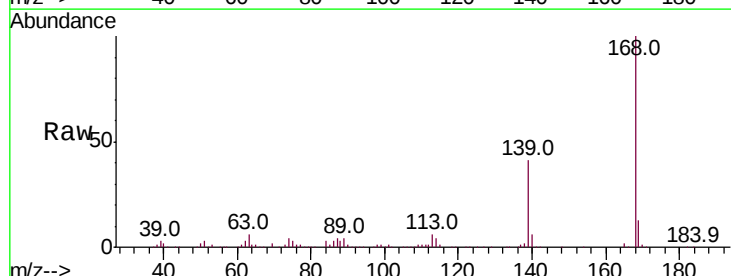
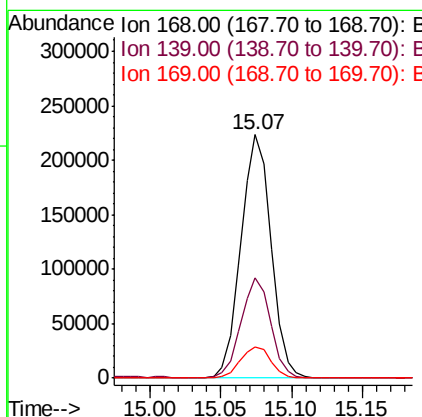
Manual Integrations
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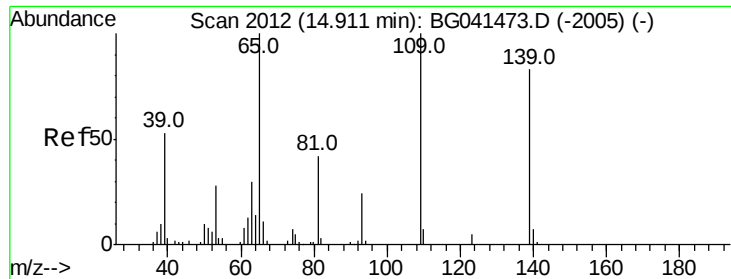
mohammad
 7/3/2019 10:55:21 PM



#55
 Dibenzofuran
 Concen: 45.852 ng
 RT: 15.07 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.0	32.2	48.4
169	12.9	10.6	16.0





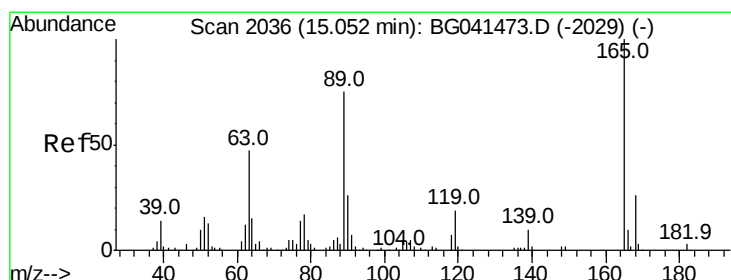
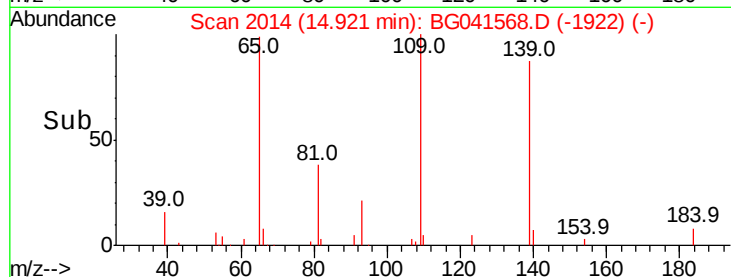
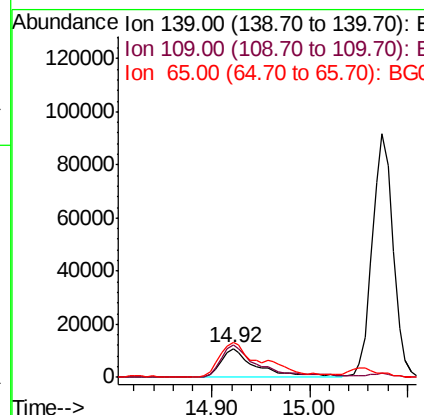
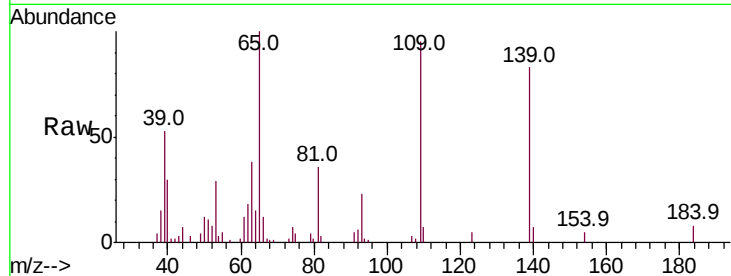
#56
4-Nitrophenol
Concen: 33.648 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	114.6	99.9	139.9
65	120.5	100.6	140.6

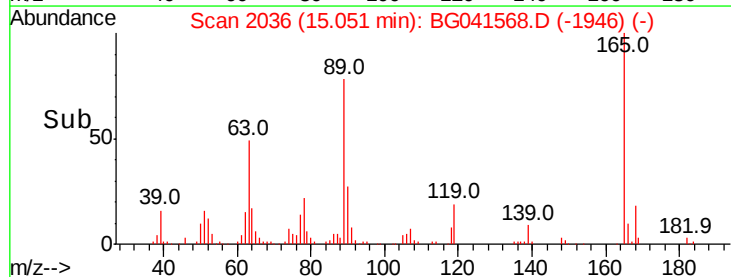
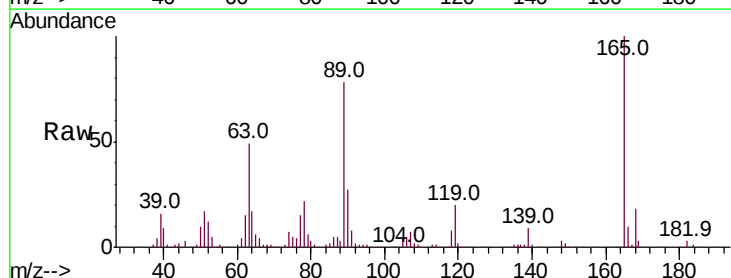
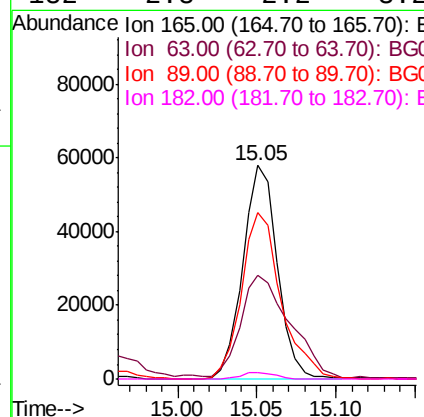
Manual Integrations
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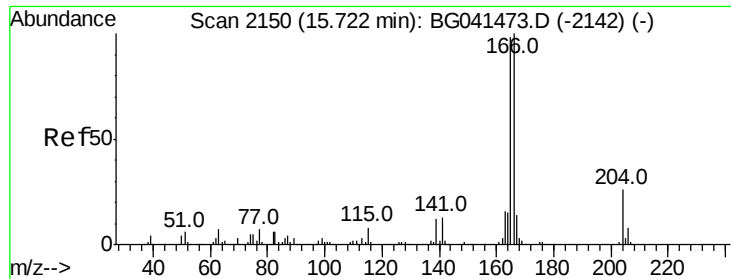
mohammad
7/3/2019 10:55:21 PM



#57
2,4-Dinitrotoluene
Concen: 44.713 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.5	38.8	58.2
89	78.1	60.1	90.1
182	2.8	2.2	3.2





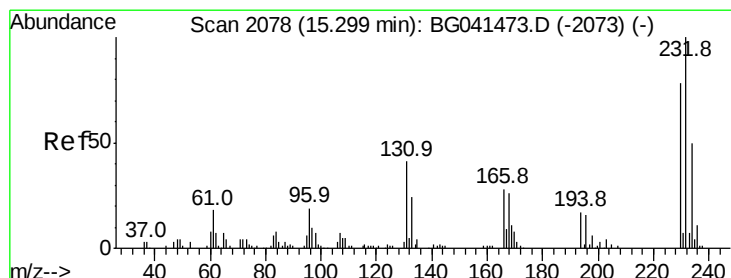
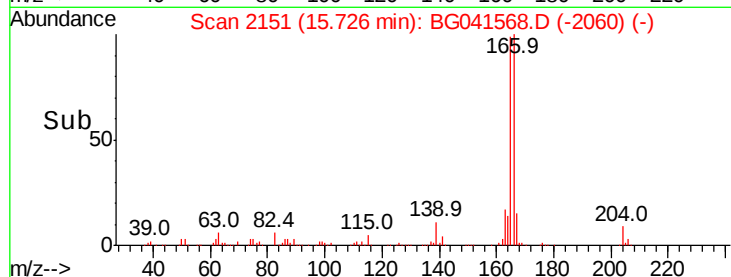
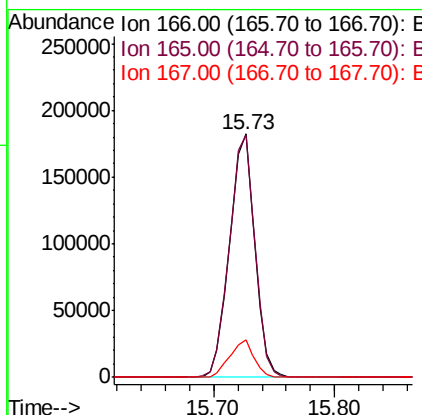
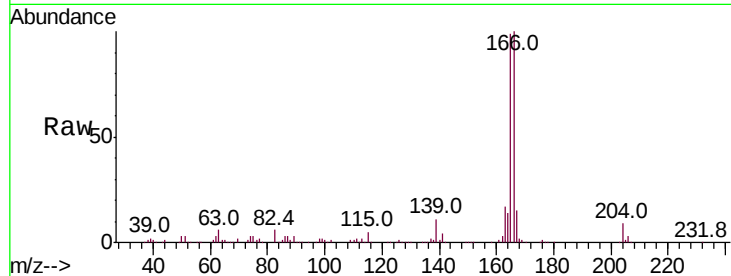
#58
Fluorene
Concen: 45.873 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	265787		
165	99.4	78.6	117.8	
167	15.5	11.4	17.0	

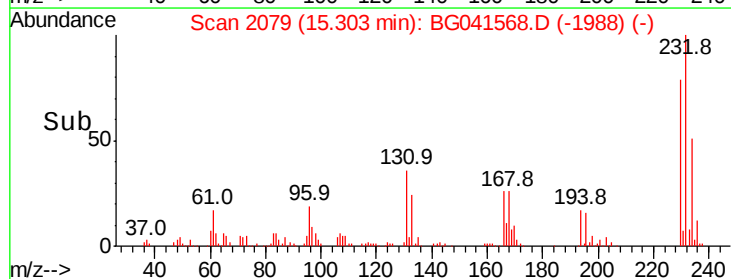
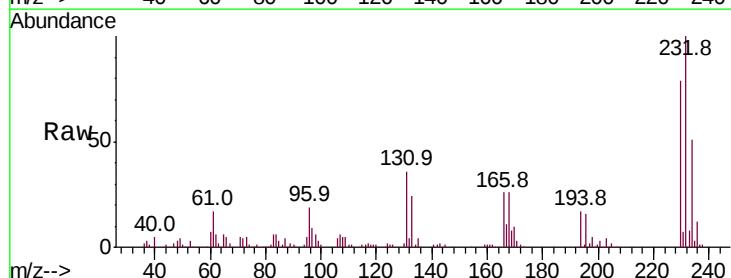
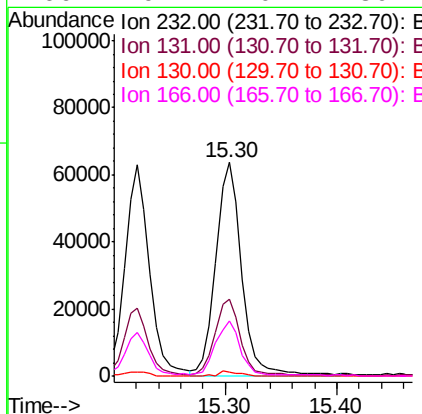
Manual Integrations
APPROVED

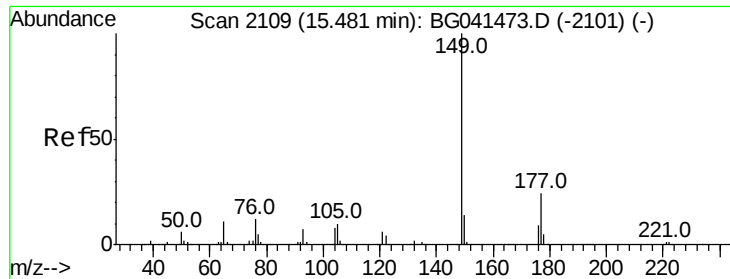
mohammad
7/3/2019 10:55:21 PM



#59
2,3,4,6-Tetrachlorophenol
Concen: 53.731 ng m
RT: 15.30 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	102675		
131	30.4	29.8	44.6	
130	2.0	2.0	3.0#	
166	19.2	20.2	30.2#	





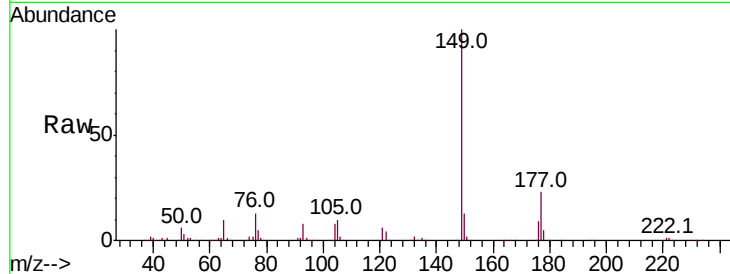
#60
Diethylphthalate
Concen: 43.316 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

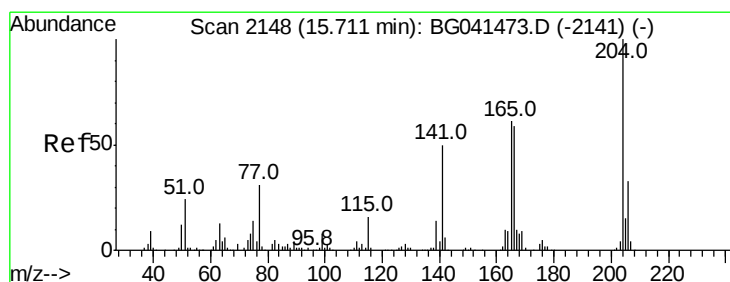
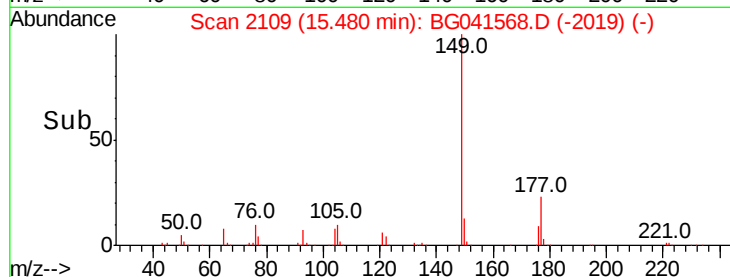
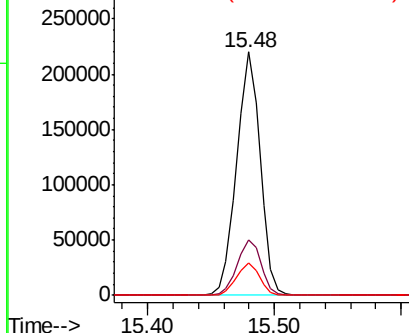
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.2	28.8
150	13.3	11.2	16.8

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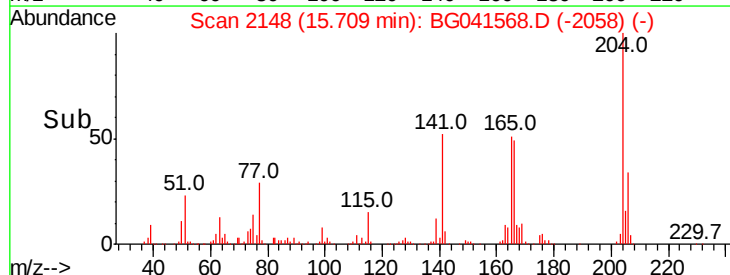
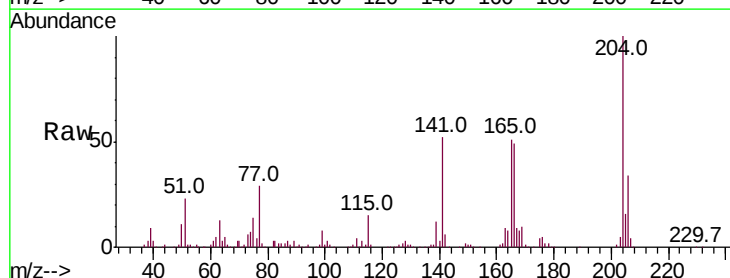
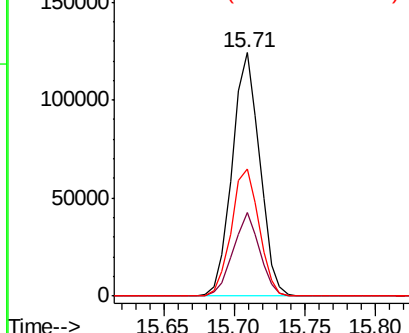
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

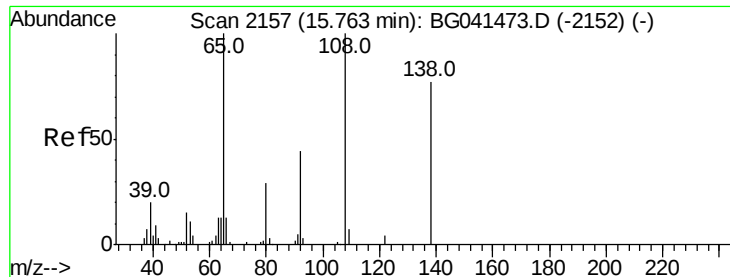


#61
4-Chlorophenyl-phenylether
Concen: 45.162 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.6	40.0
141	52.3	40.1	60.1

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





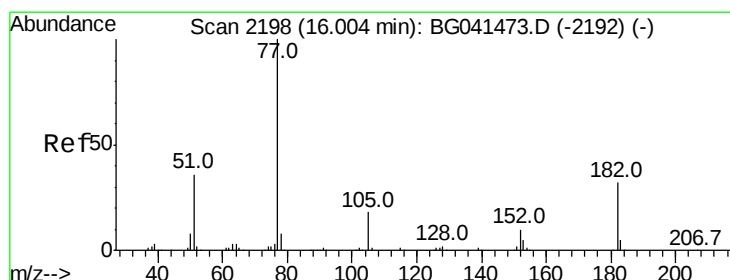
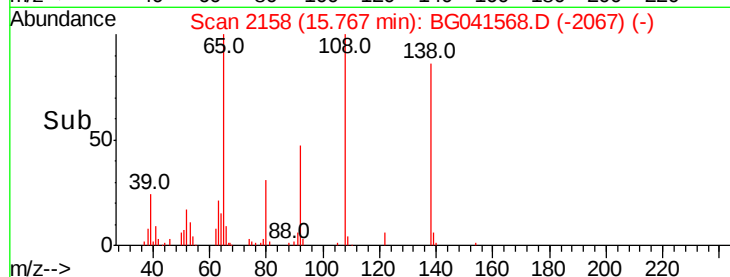
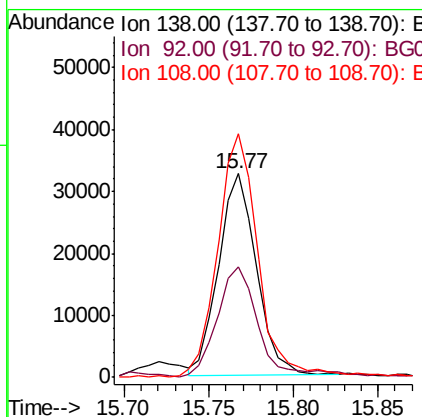
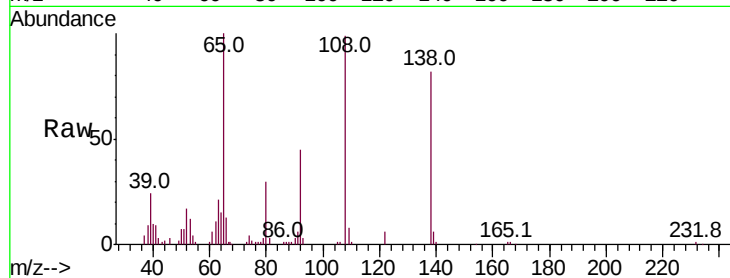
#62
4-Nitroaniline
Concen: 40.719 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.6	34.9	74.9
108	119.6	105.5	145.5

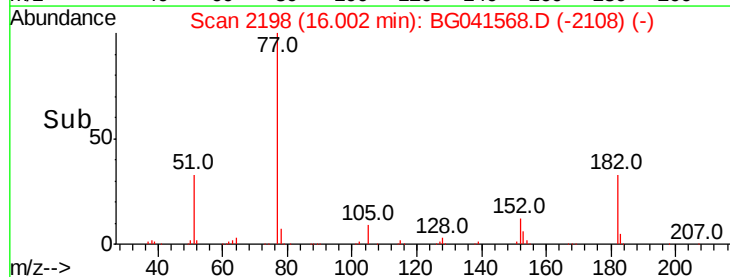
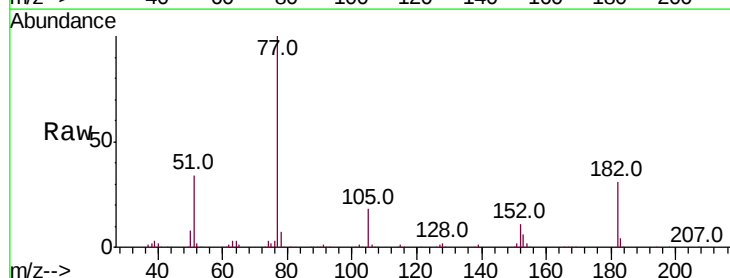
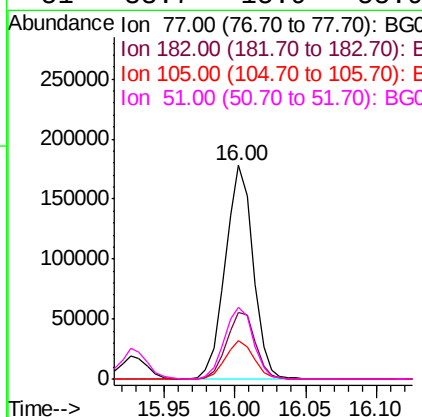
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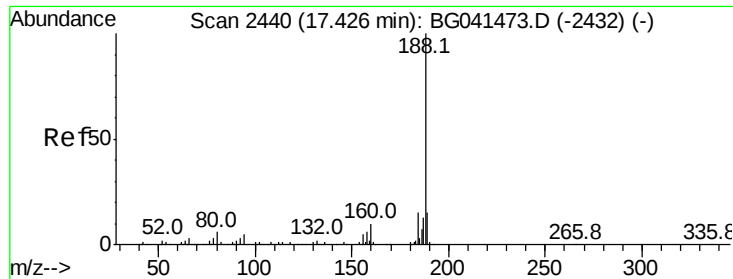
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#63
Azobenzene
Concen: 44.470 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.3	12.2	52.2
105	18.1	0.0	38.1
51	33.7	15.9	55.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

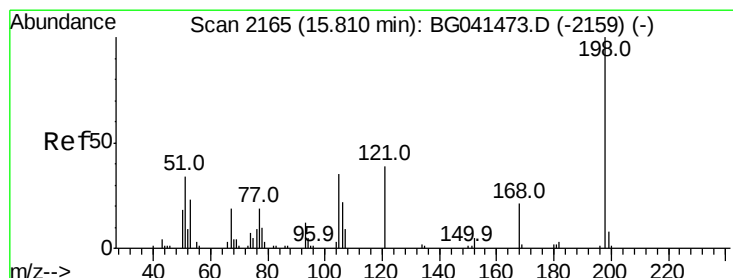
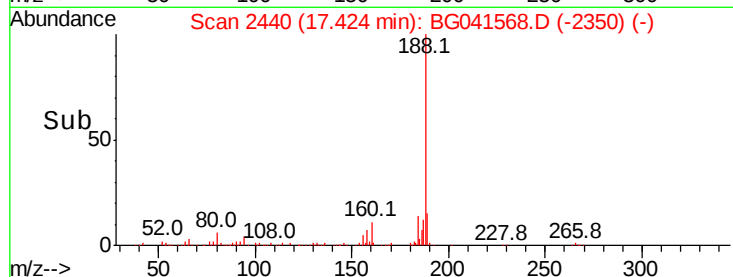
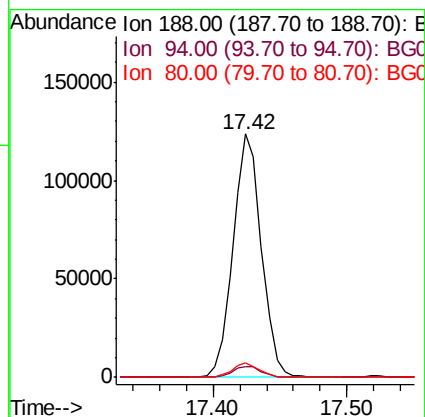
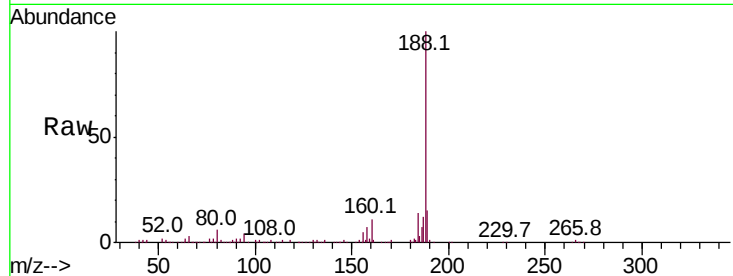
ClientSampleId :

SP-19-LF2MW2MSD

Tot Ion:	188	Resp:	182838
Ion Ratio	Lower	Upper	
188	100		
94	4.4	3.8	5.8
80	5.7	4.8	7.2

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#65

4,6-Dinitro-2-methylphenol

Concen: 42.789 ng

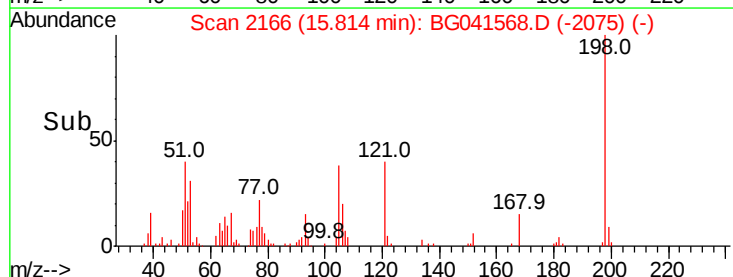
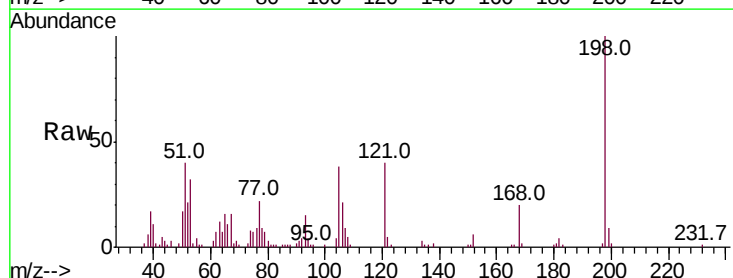
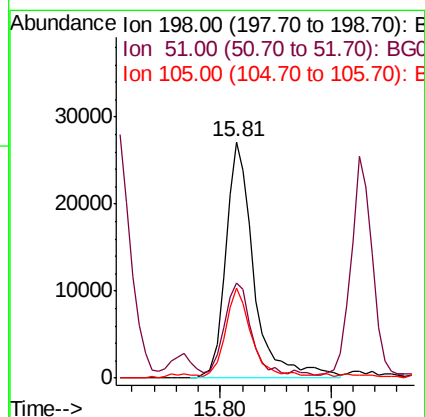
RT: 15.81 min Scan# 2166

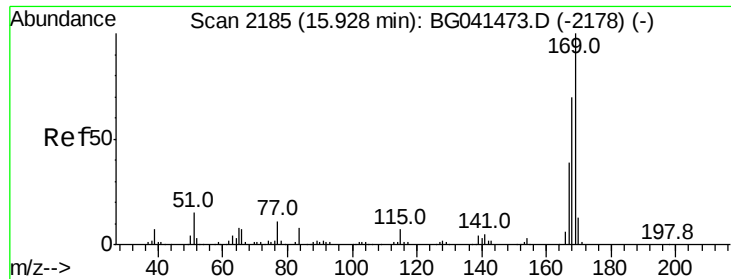
Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Tgt Ion:	198	Resp:	48453
Ion Ratio	Lower	Upper	
198	100		
51	40.4	19.0	59.0
105	37.9	16.1	56.1





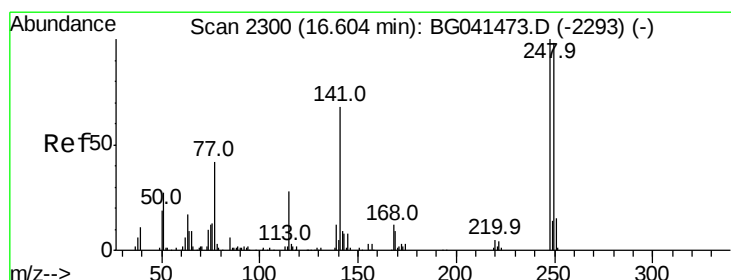
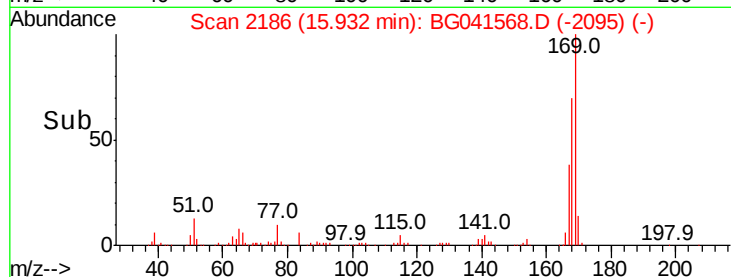
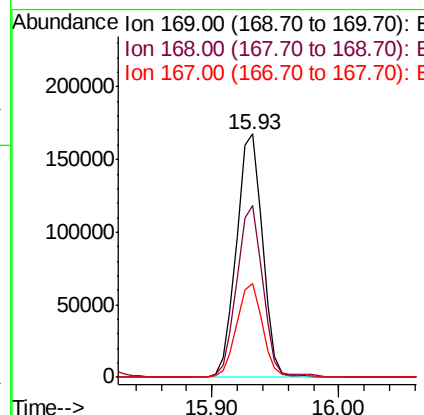
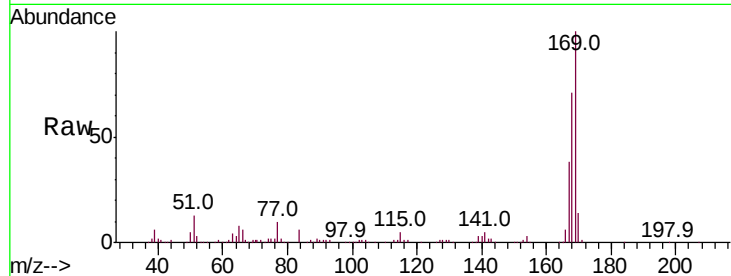
#66
n-Nitrosodiphenylamine
Concen: 47.009 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	236555		
168	70.6	56.2	84.4	
167	38.3	31.0	46.6	

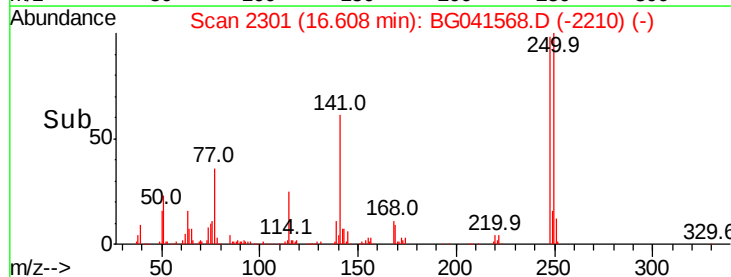
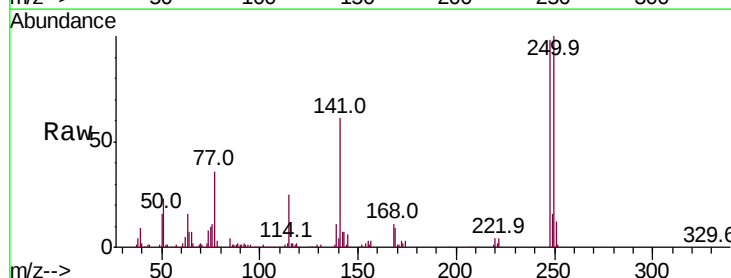
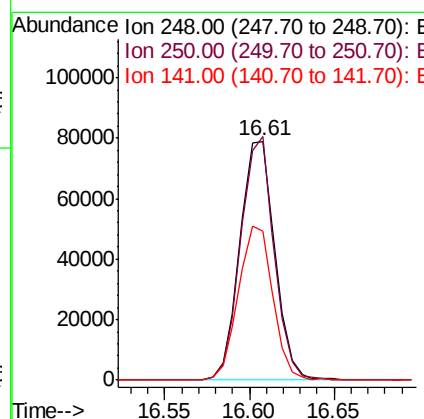
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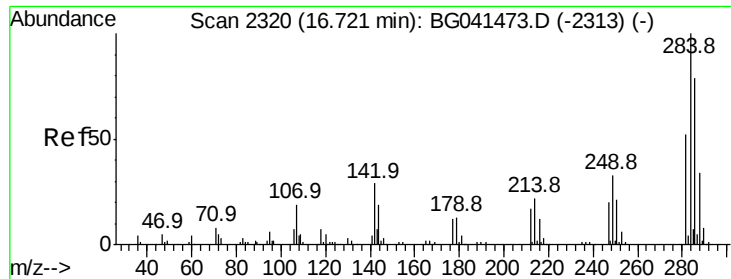
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#67
4-Bromophenyl-phenylether
Concen: 45.516 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	113724		
250	102.0	78.1	117.1	
141	62.3	54.1	81.1	





#68

Hexachlorobenzene

Concen: 44.412 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

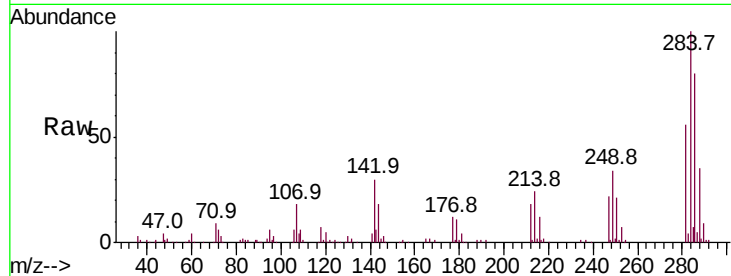
ClientSampleId :

SP-19-LF2MW2MSD

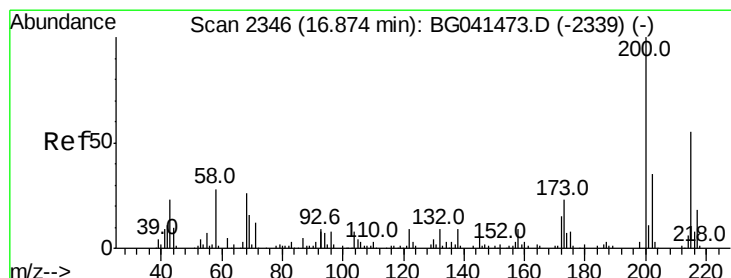
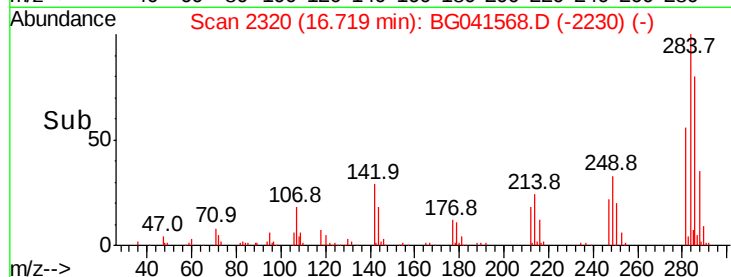
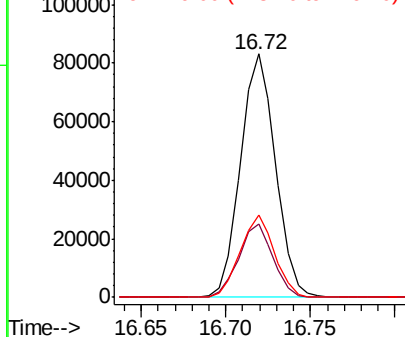
Tot Ion:	284	Resp:	119559
Ion Ratio	Lower	Upper	
284	100		
142	29.9	22.9	34.3
249	33.7	26.1	39.1

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 49.894 ng

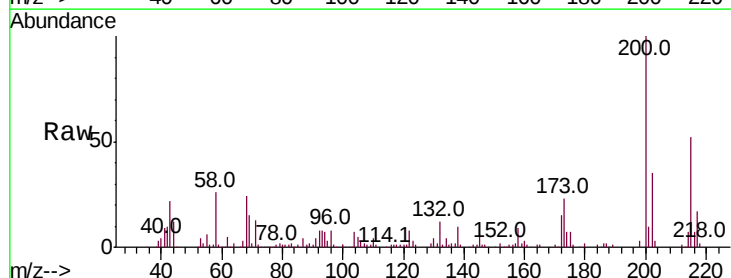
RT: 16.87 min Scan# 2346

Delta R.T. -0.00 min

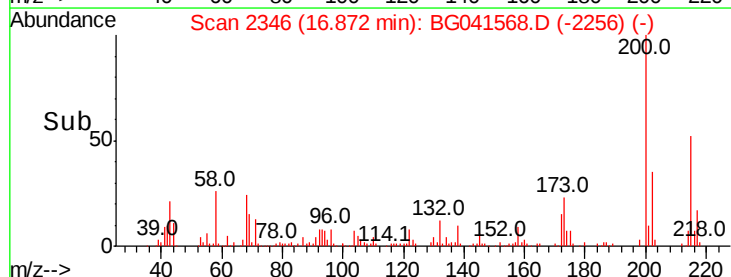
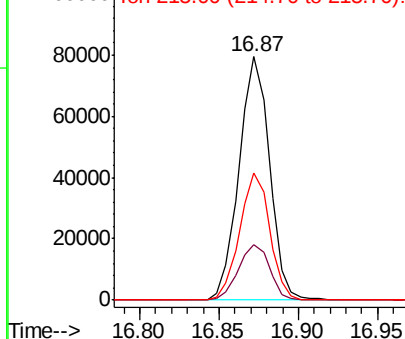
Lab File: BG041568.D

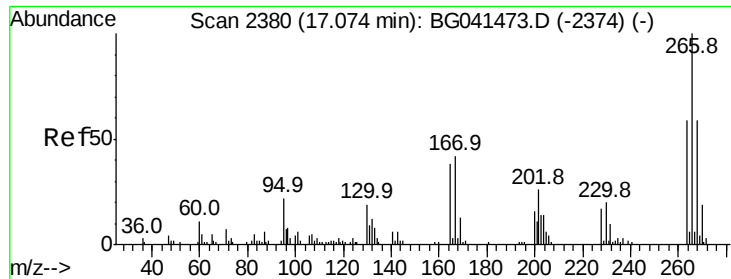
Acq: 2 Jul 2019 12:06

Tgt Ion:	200	Resp:	106276
Ion Ratio	Lower	Upper	
200	100		
173	23.0	3.1	43.1
215	52.2	34.7	74.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





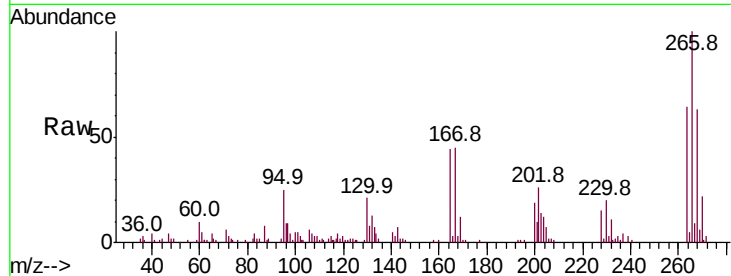
#70
 Pentachlorophenol
 Concen: 65.735 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	47.0	70.4
264	64.4	47.4	71.0

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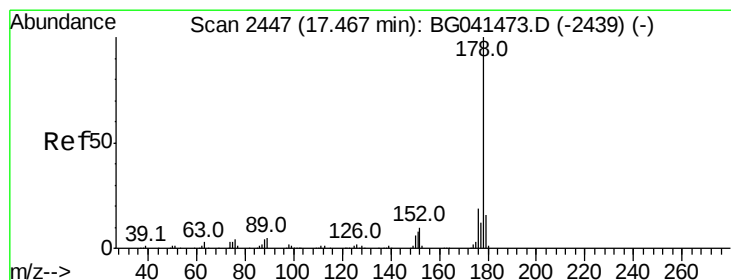
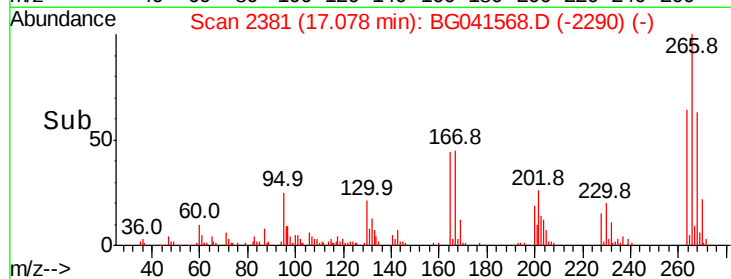
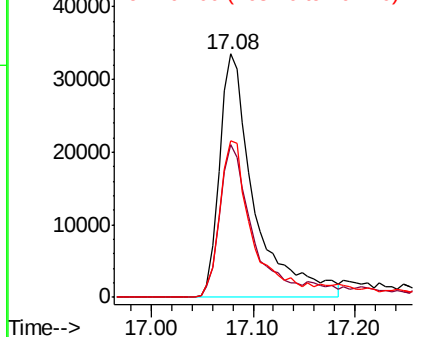


Abundance

Ion 265.70 (265.40 to 266.40): E

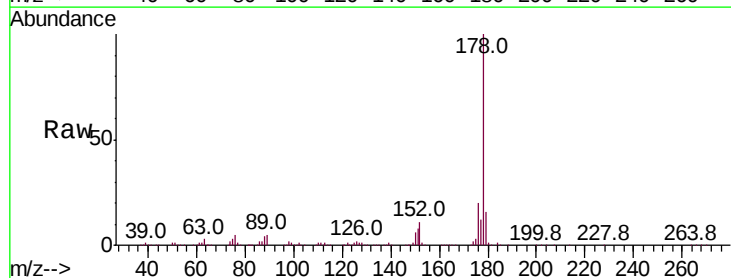
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 46.191 ng
 RT: 17.47 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.8	13.0	19.4

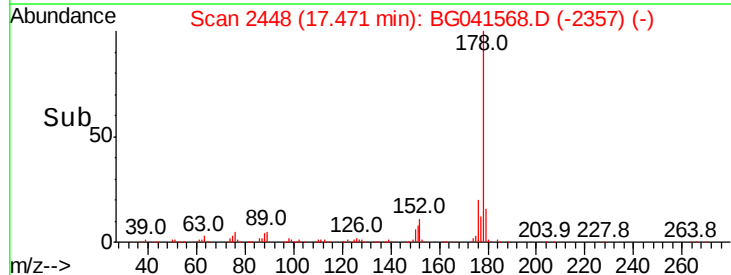
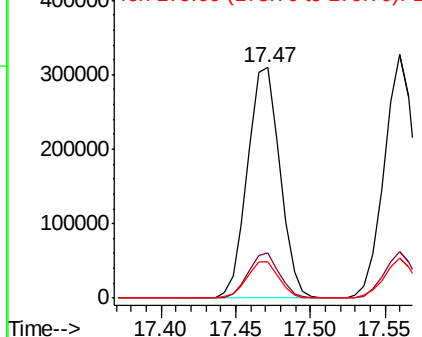


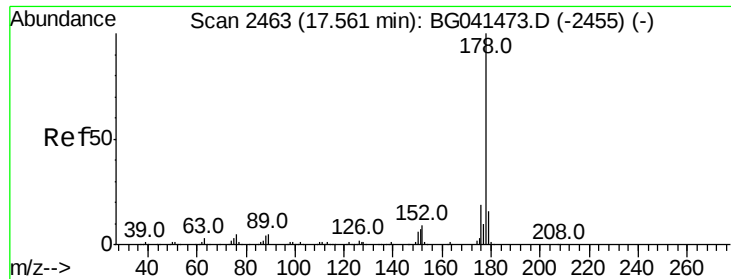
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 47.182 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

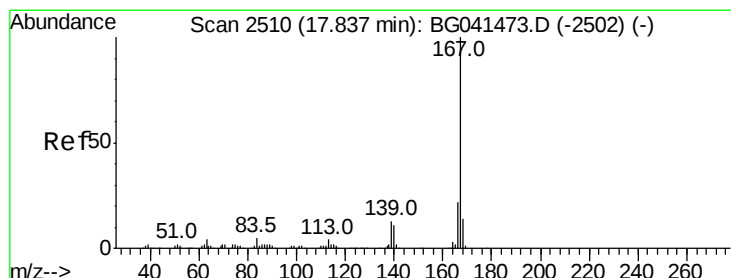
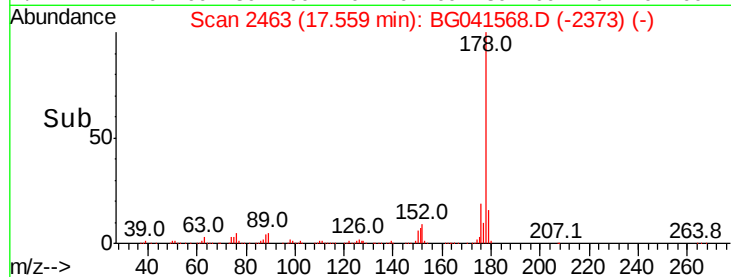
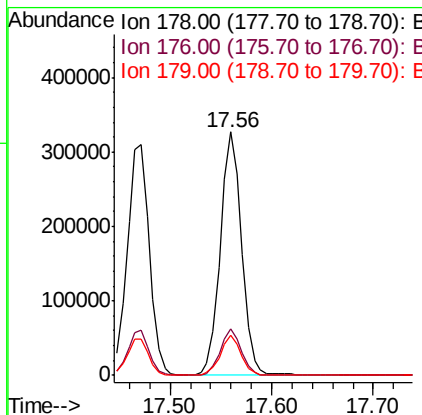
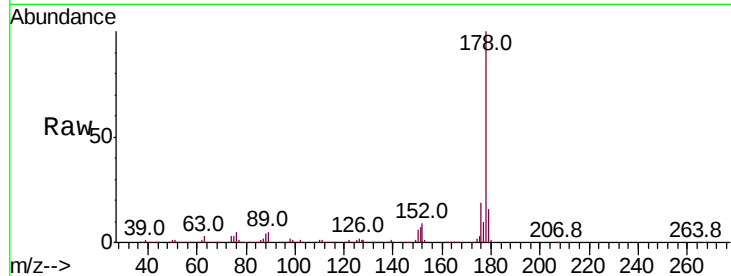
ClientSampleId :

SP-19-LF2MW2MSD

Tot Ion:	178	Resp:	475566
Ion Ratio	Lower	Upper	
178	100		
176	19.3	14.8	22.2
179	16.2	12.8	19.2

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#73

Carbazole

Concen: 47.910 ng

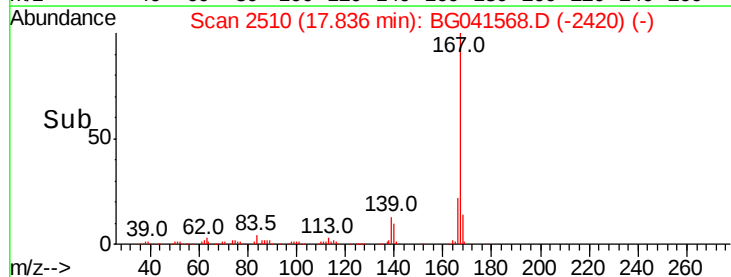
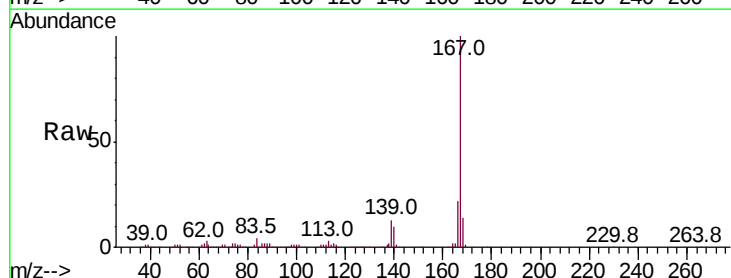
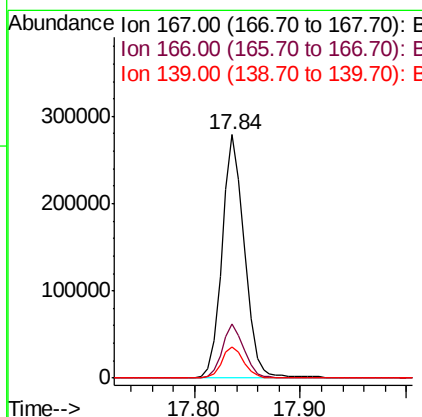
RT: 17.84 min Scan# 2510

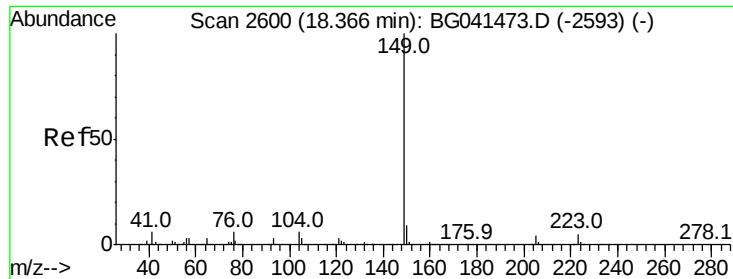
Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Tgt Ion:	167	Resp:	410516
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.6
139	12.9	10.8	16.2





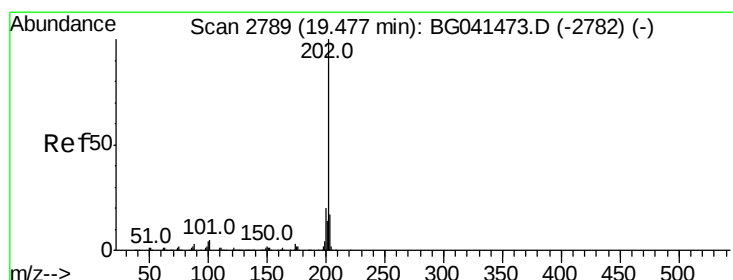
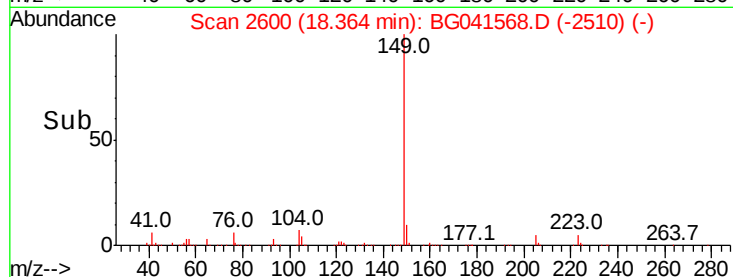
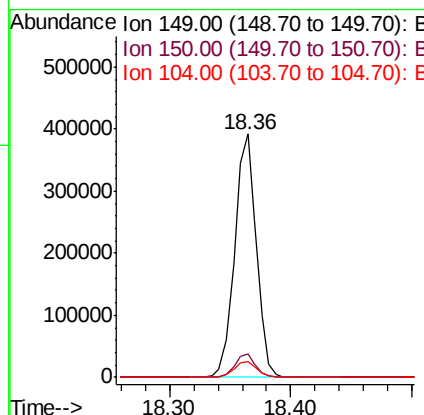
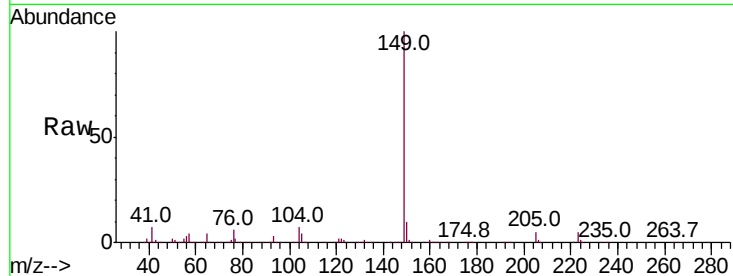
#74
Di-n-butylphthalate
Concen: 45.108 ng
RT: 18.36 min Scan# 2600
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	485779		
150	9.5	7.5	11.3	
104	6.7	5.0	7.6	

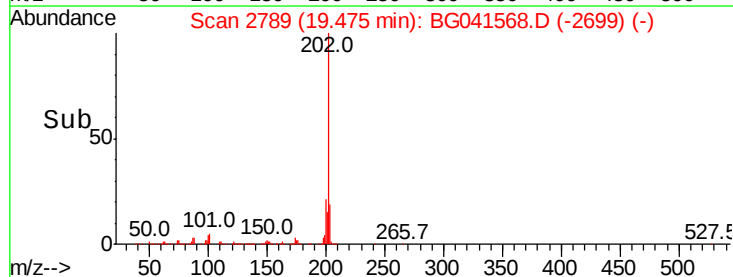
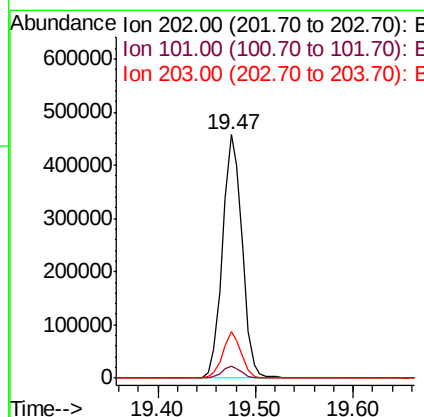
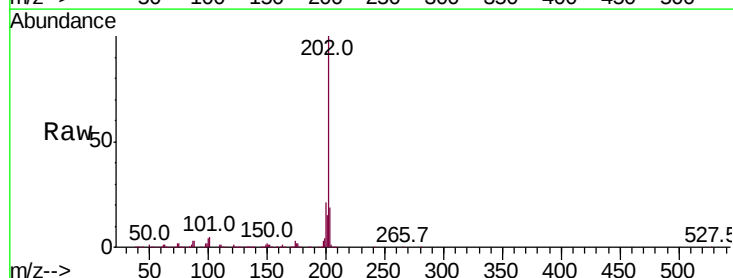
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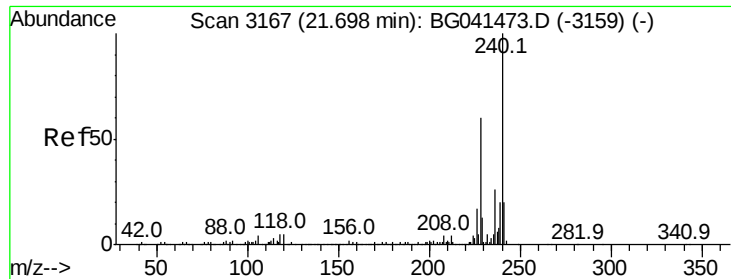
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#75
Fluoranthene
Concen: 47.301 ng
RT: 19.47 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	635288		
101	4.7	0.0	24.9	
203	18.9	0.0	37.5	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

Tot Ion:240 Resp: 208208

Ion Ratio Lower Upper

240 100

120 3.7 3.7 5.5#

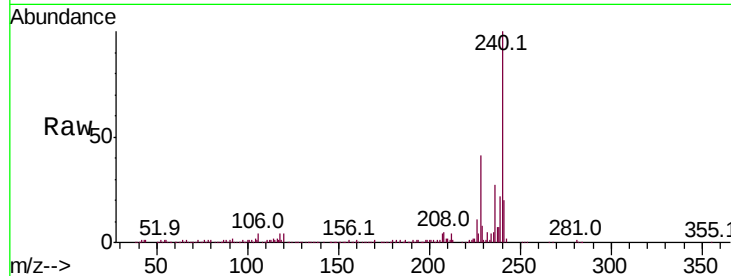
236 26.9 20.8 31.2

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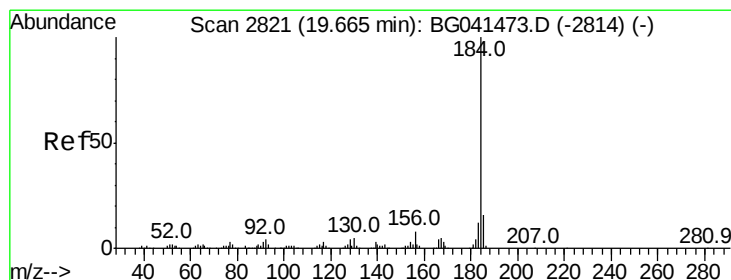
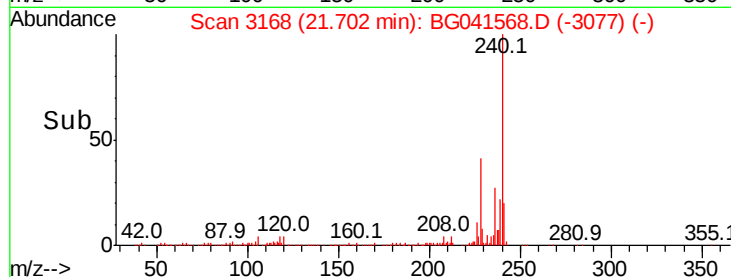
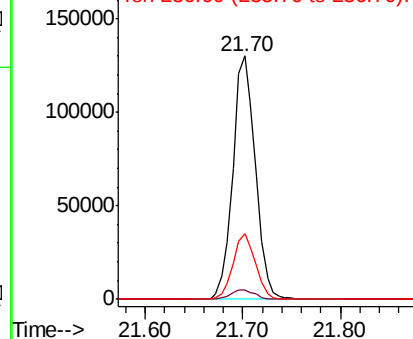
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 33.112 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

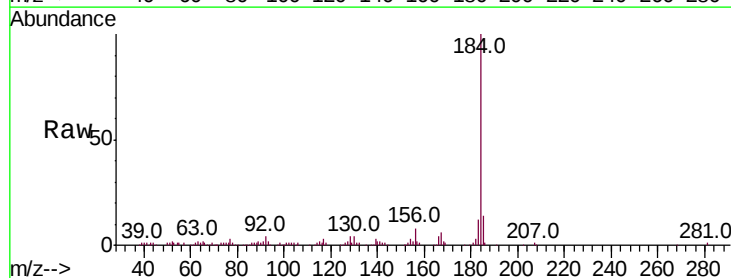
Tgt Ion:184 Resp: 152968

Ion Ratio Lower Upper

184 100

185 14.0 12.7 19.1

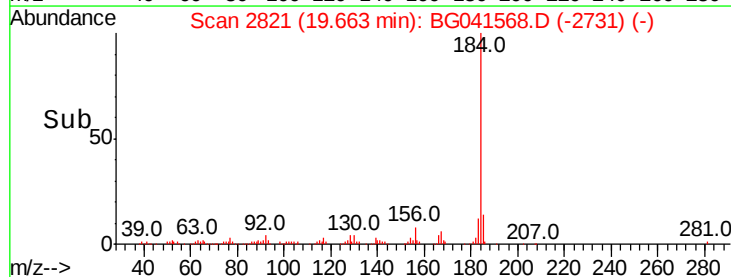
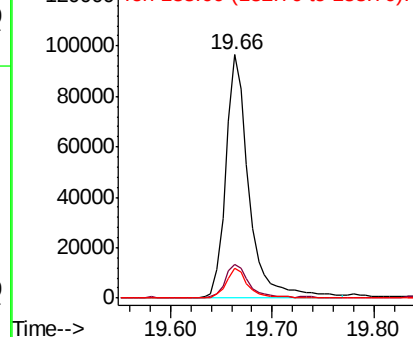
183 12.5 9.4 14.2

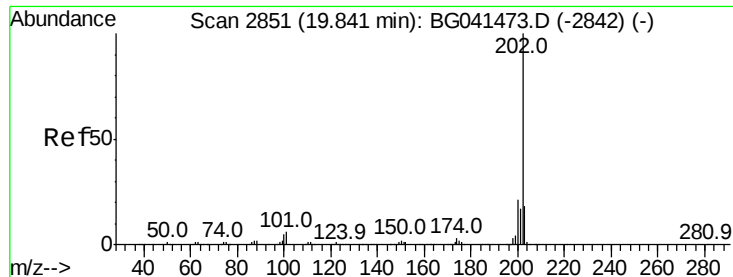


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 45.705 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

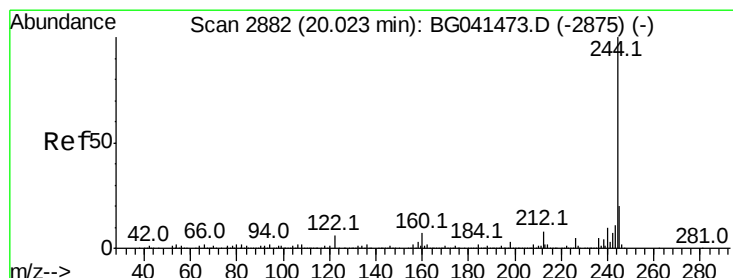
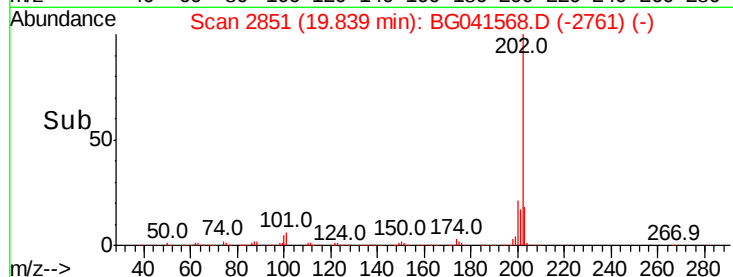
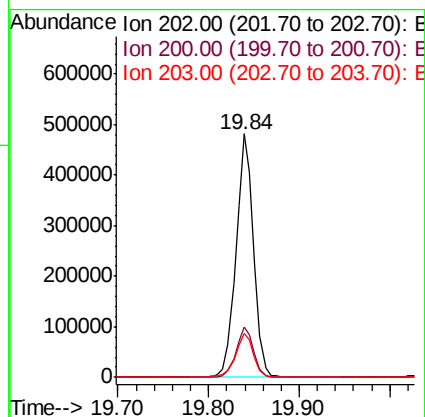
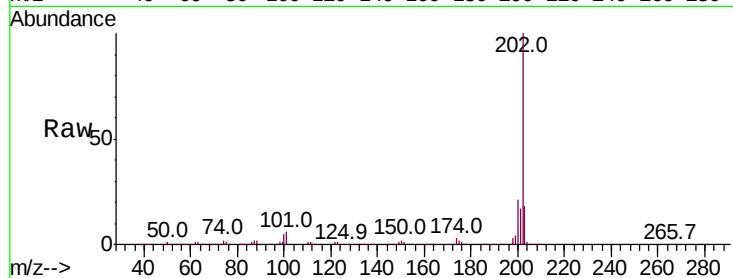
ClientSampleId :

SP-19-LF2MW2MSD

Tot Ion:	202	Resp:	649634
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	18.1	14.2	21.4

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#79

Terphenyl-d14

Concen: 104.753 ng

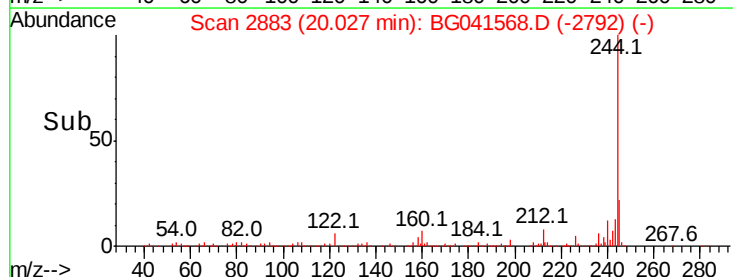
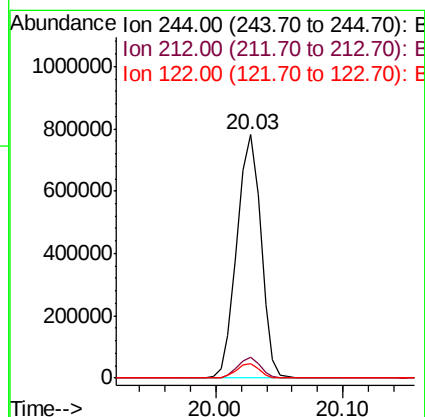
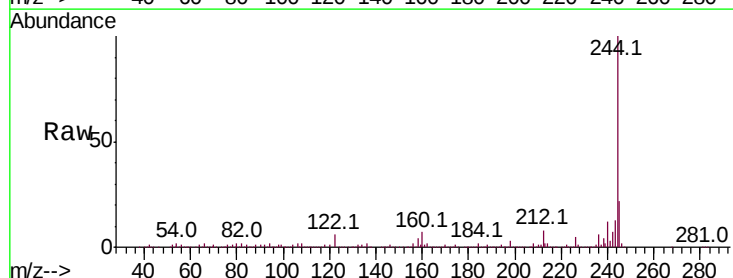
RT: 20.03 min Scan# 2883

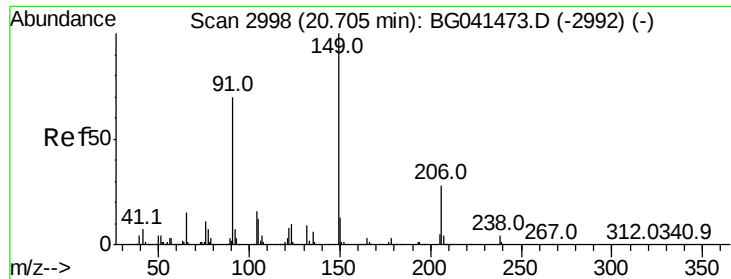
Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Tgt Ion:	244	Resp:	1026333
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.2	9.4
122	5.9	4.8	7.2





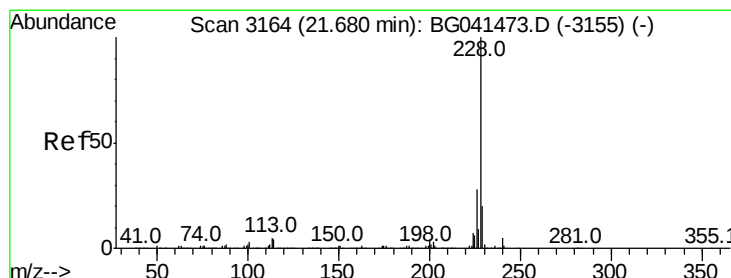
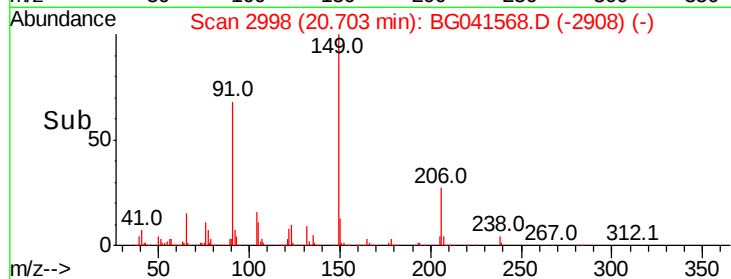
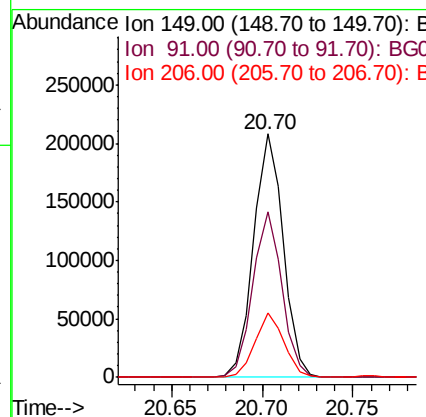
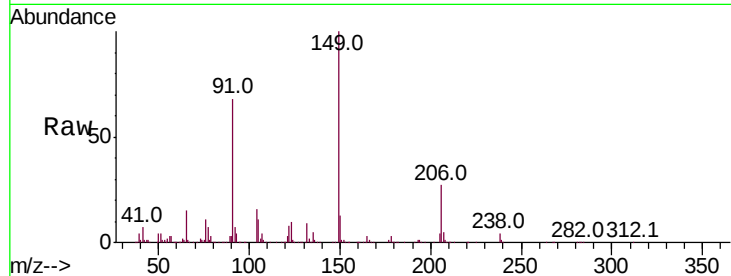
#80
Butylbenzylphthalate
Concen: 44.561 ng
RT: 20.70 min Scan# 2998
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	55.9	83.9
206	26.6	22.1	33.1

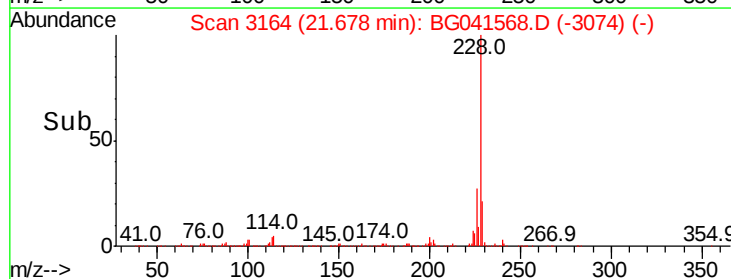
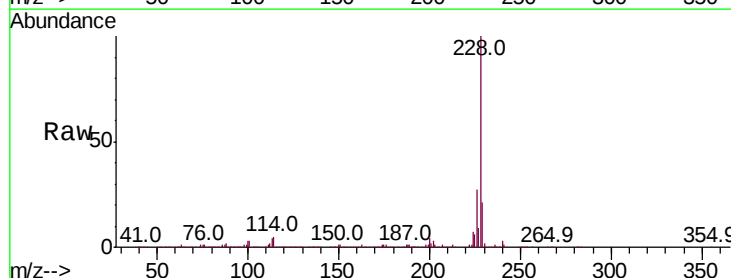
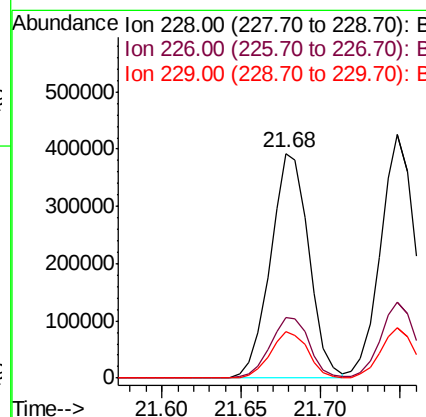
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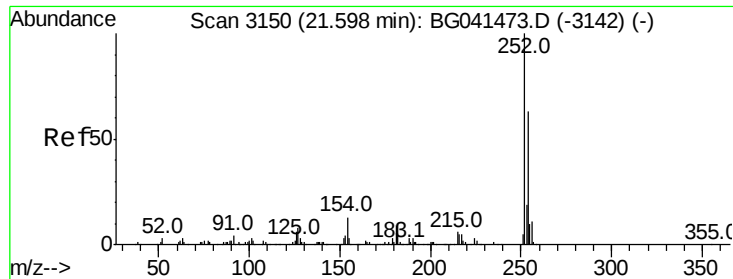
mohammad
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#81
Benzo(a)anthracene
Concen: 45.415 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	20.5	16.1	24.1





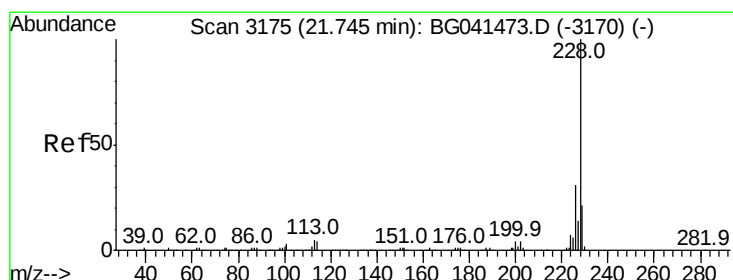
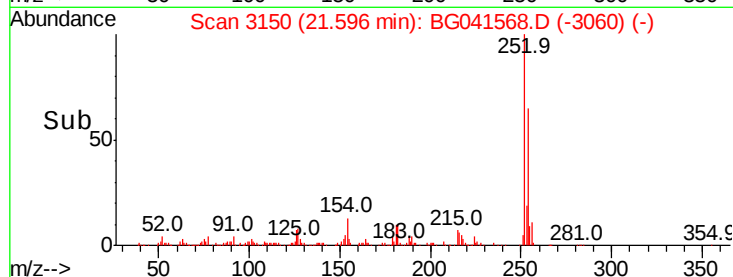
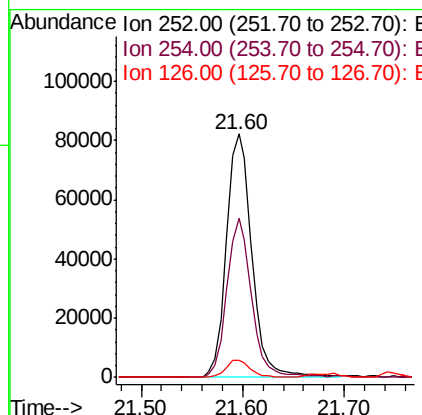
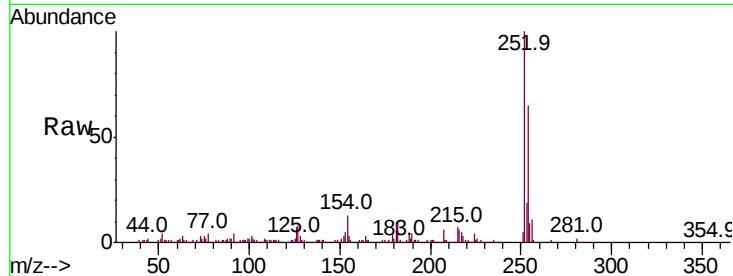
#82
 3,3'-Dichlorobenzidine
 Concen: 28.560 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	7.2	4.9	7.3

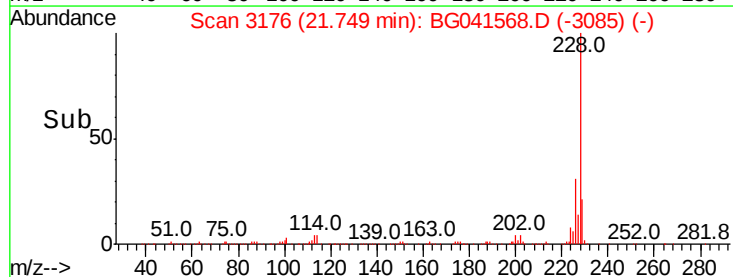
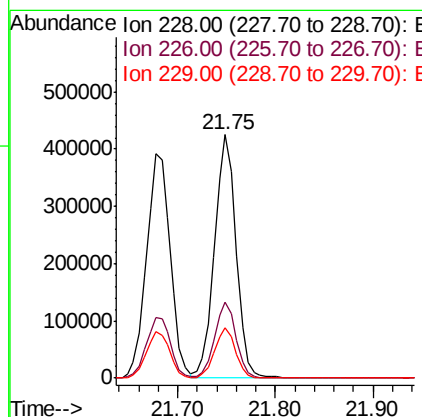
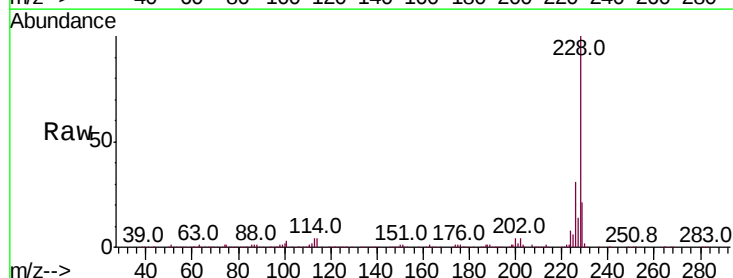
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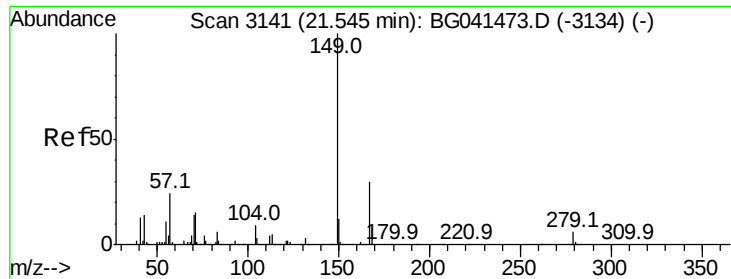
mohammad
 7/3/2019 10:55:21 PM



#83
 Chrysene
 Concen: 46.165 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.4
229	20.7	16.8	25.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.392 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

Tot Ion:149 Resp: 334073

Ion Ratio Lower Upper

149 100

167 30.0 23.6 35.4

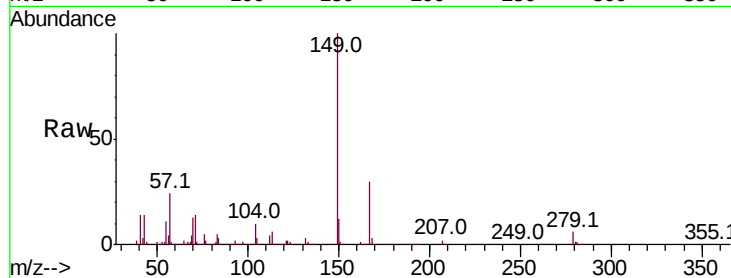
279 6.3 5.0 7.6

Manual Integrations

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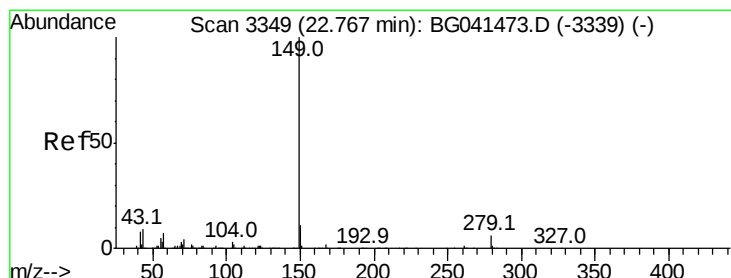
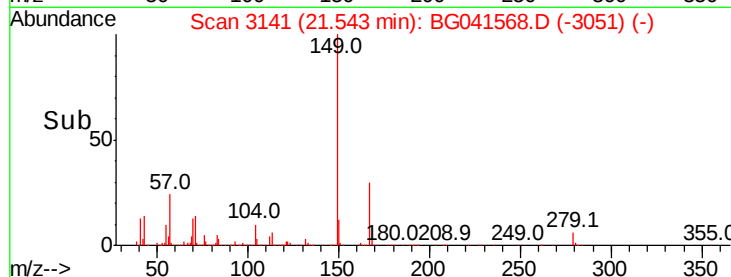
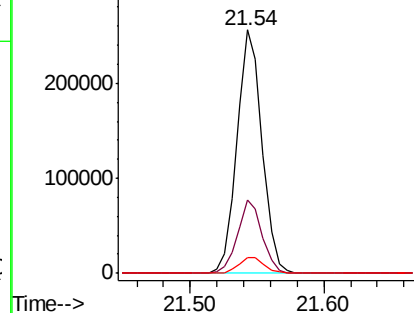
7/3/2019 10:55:21 PM



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: 44.831 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

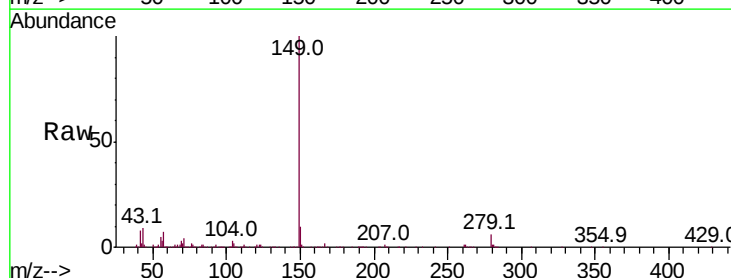
Tgt Ion:149 Resp: 570926

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

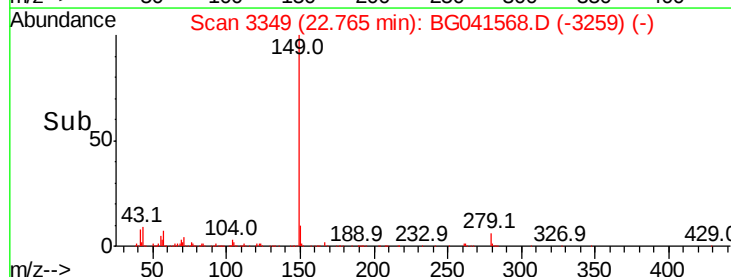
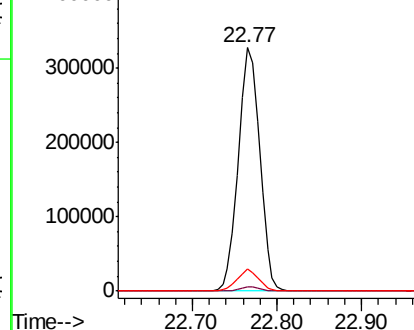
43 8.3 7.2 10.8

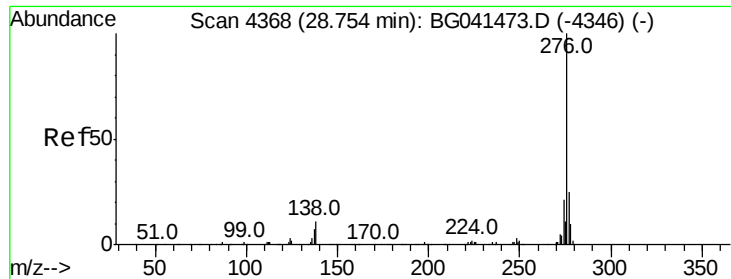


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





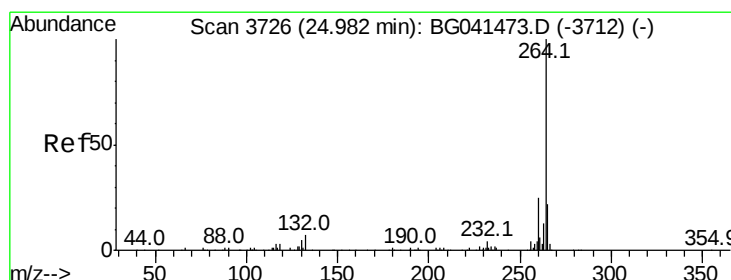
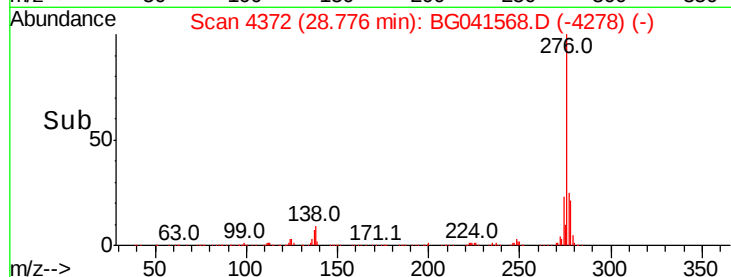
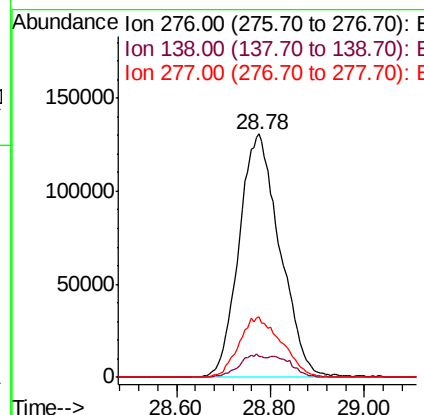
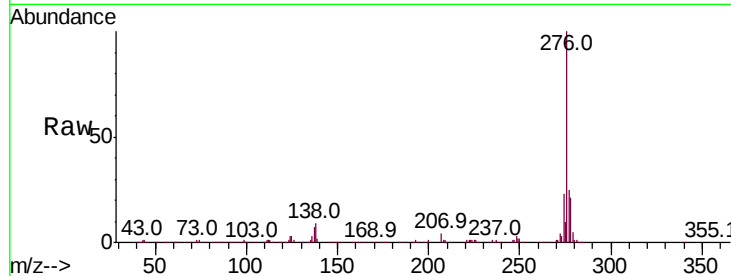
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.489 ng
RT: 28.78 min Scan# 4372
Delta R.T. 0.02 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.1	4.9	7.3
277	25.8	20.4	30.6

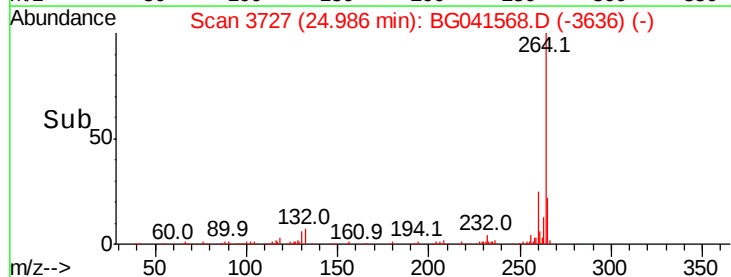
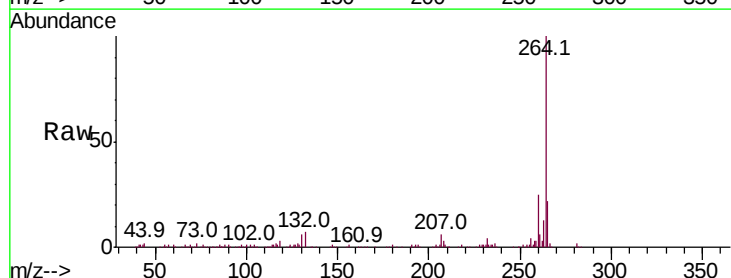
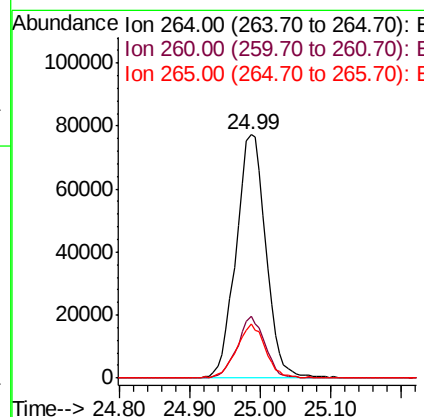
Manual Integrations
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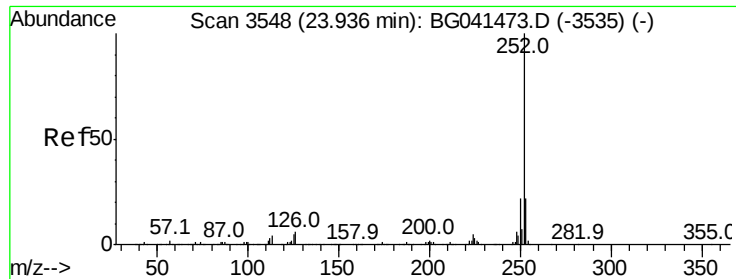
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	22.0	17.4	26.2





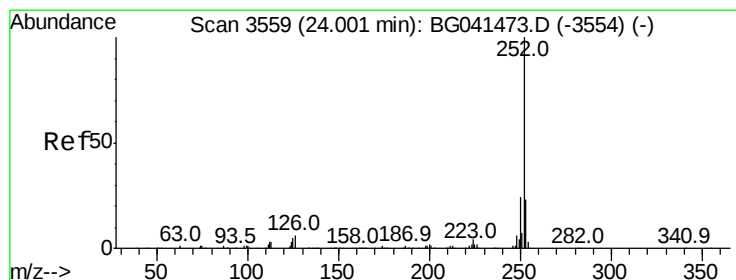
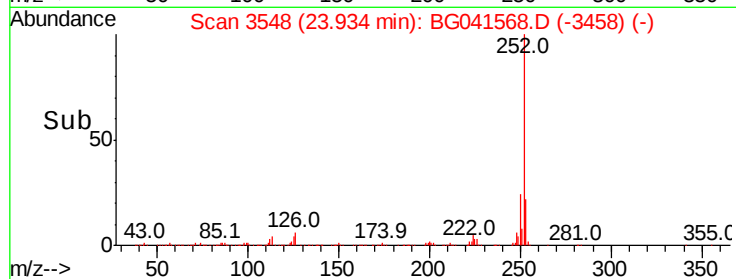
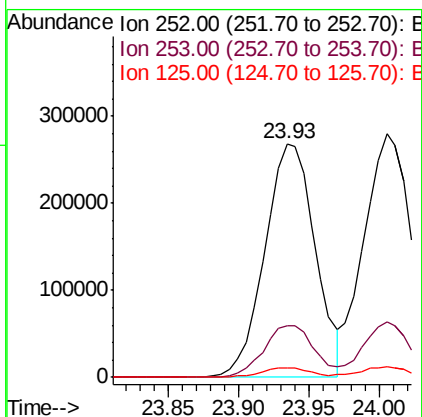
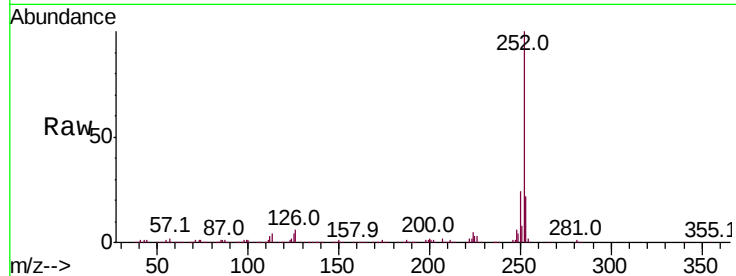
#88
Benzo(b)fluoranthene
Concen: 46.118 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	4.3	3.8	5.8

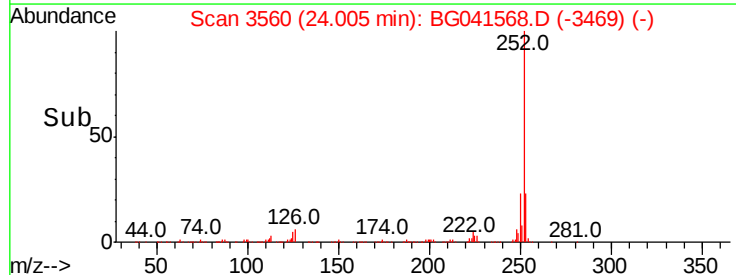
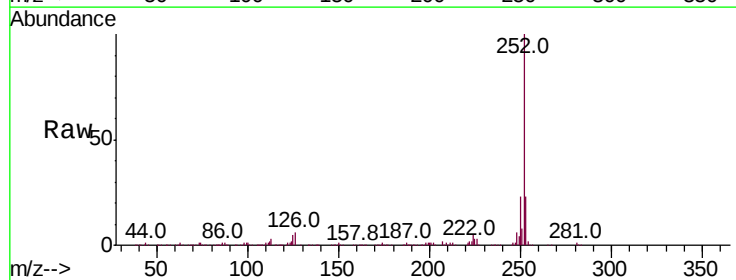
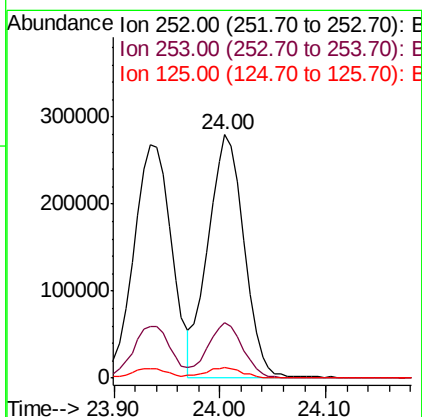
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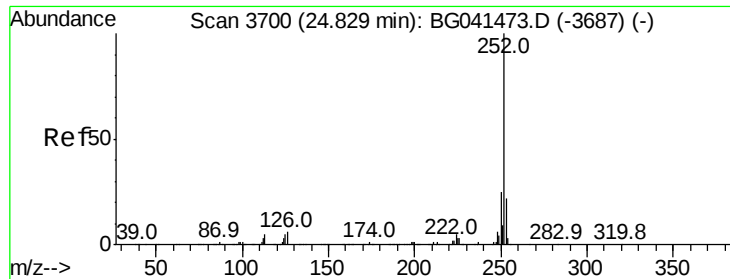
mohammad
7/3/2019 10:55:21 PM



#89
Benzo(k)fluoranthene
Concen: 46.563 ng
RT: 24.00 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	4.6	4.0	6.0





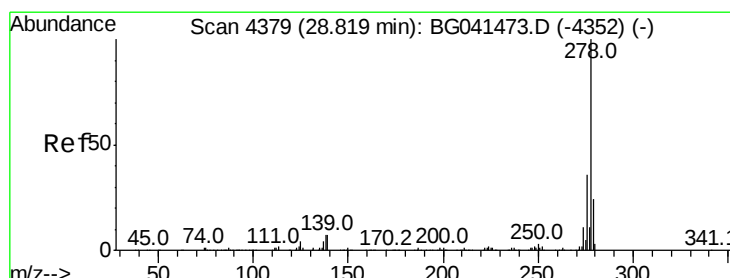
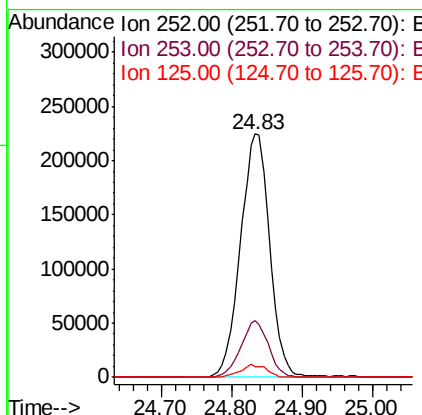
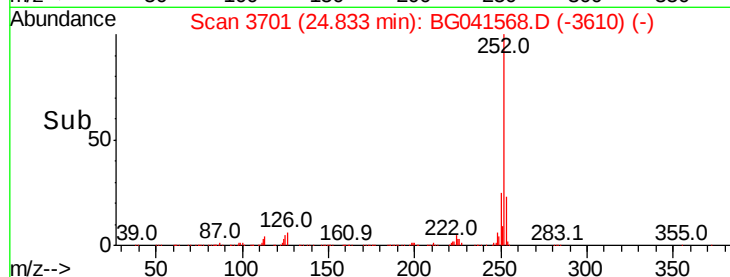
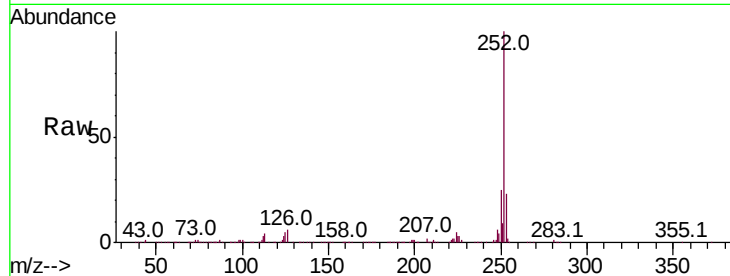
#90
Benzo(a)pyrene
Concen: 47.118 ng
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	4.6	4.4	6.6

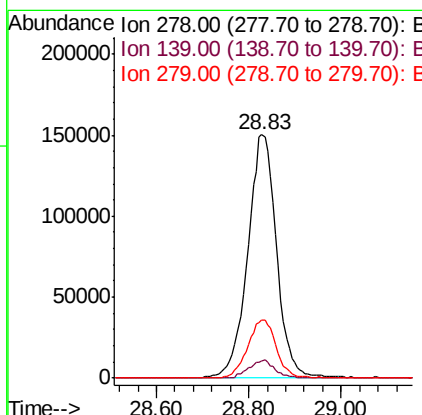
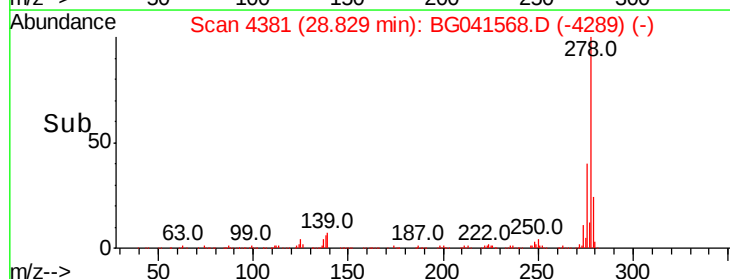
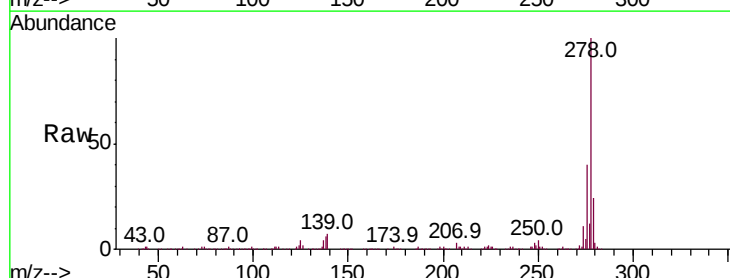
Manual Integrations
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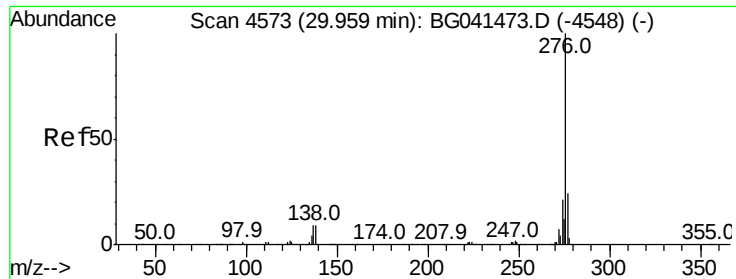
mohammad
7/3/2019 10:55:21 PM



#91
Dibenzo(a,h)anthracene
Concen: 47.468 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.01 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.8	5.9	8.9
279	23.9	18.9	28.3





#92
 Benzo(a,h,i)perylene
 Concen: 47.765 ng
 RT: 29.97 min Scan# 4575
 Delta R.T. 0.01 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.4	29.2
138	9.8	7.6	11.4

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:55:21 PM

