

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039896.D
 Acq On : 13 Mar 2019 6:07
 Operator : JU/SJ
 Sample : K1697-06MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-031119-AMSD

Manual Integrations
 APPROVED

Sohil
 3/13/2019 5:49:34 PM

Quant Time: Mar 13 07:17:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37774	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	157441	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	108824	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	279594	20.00	ng	0.00
76) Chrysene-d12	21.81	240	279373	20.00	ng	0.00
87) Perylene-d12	25.18	264	291847	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	319822	144.44	ng	0.00
7) Phenol-d6	7.30	99	419177	126.97	ng	0.00
23) Nitrobenzene-d5	9.33	82	314247	107.95	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	213434	168.27	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	750683	98.22	ng	0.00
79) Terphenyl-d14	20.11	244	1269884	100.08	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.60	88	38331	37.498	ng	# 1
3) Pyridine	4.01	79	93348	34.110	ng	96
4) n-Nitrosodimethylamine	3.92	42	51978	40.037	ng	# 91
6) Aniline	7.48	93	47209	10.914	ng	94
8) 2-Chlorophenol	7.71	128	115258	42.907	ng	98
9) Benzaldehyde	7.29	77	53795	25.260	ng	95
10) Phenol	7.33	94	130227	36.411	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	116833	41.898	ng	98
12) 1,3-Dichlorobenzene	8.04	146	127825	42.075	ng	95
13) 1,4-Dichlorobenzene	8.19	146	128256	41.446	ng	99
14) 1,2-Dichlorobenzene	8.51	146	123915	41.445	ng	97
15) Benzyl Alcohol	8.39	79	112380	42.911	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	226511	40.615	ng	99
17) 2-Methylphenol	8.59	107	99937	43.822	ng	98
18) Hexachloroethane	9.24	117	45426	40.911	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	94991	39.974	ng	93
20) 3+4-Methylphenols	8.92	107	139127	43.914	ng	97
22) Acetophenone	8.98	105	180876	42.804	ng	# 93
24) Nitrobenzene	9.37	77	142372	46.620	ng	96
25) Isophorone	9.89	82	277970	45.572	ng	98
26) 2-Nitrophenol	10.08	139	70987	48.144	ng	97
27) 2,4-Dimethylphenol	10.13	122	126247	55.053	ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	167096	45.079	ng	99
29) 2,4-Dichlorophenol	10.61	162	134996	52.285	ng	99
30) 1,2,4-Trichlorobenzene	10.83	180	132708	45.677	ng	99
31) Naphthalene	11.03	128	377051	45.233	ng	99
32) Benzoic acid	10.24	122	5780m	9.765	ng	
33) 4-Chloroaniline	11.14	127	9451	2.674	ng	97
34) Hexachlorobutadiene	11.28	225	86331	43.484	ng	98
35) Caprolactam	11.91	113	32389m	32.840	ng	
36) 4-Chloro-3-methylphenol	12.24	107	151653	51.239	ng	99
37) 2-Methylnaphthalene	12.62	142	288578	46.305	ng	97
38) 1-Methylnaphthalene	12.83	142	277369	45.798	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	162372	44.043	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	168599	85.336	ng	100
43) 2,4,6-Trichlorophenol	13.22	196	113821	52.734	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	124981	51.371	ng	98
46) 1,1'-Biphenyl	13.62	154	400204	44.712	ng	99
47) 2-Chloronaphthalene	13.66	162	304160	45.171	ng	98
48) 2-Nitroaniline	13.87	65	113727	52.556	ng	96
49) Acenaphthylene	14.51	152	497331	44.992	ng	99
50) Dimethylphthalate	14.23	163	429136	47.159	ng	99
51) 2,6-Dinitrotoluene	14.36	165	96832	50.195	ng	99
52) Acenaphthene	14.84	154	302737	45.504	ng	98
53) 3-Nitroaniline	14.69	138	17908	9.235	ng #	97
54) 2,4-Dinitrophenol	14.89	184	15944	17.501	ng	91
55) Dibenzofuran	15.17	168	507258	46.472	ng	99
56) 4-Nitrophenol	14.98	139	107405	61.915	ng #	86
57) 2,4-Dinitrotoluene	15.14	165	139118	51.323	ng	85
58) Fluorene	15.82	166	403307	47.000	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	117269	49.355	ng	95
60) Diethylphthalate	15.58	149	436594	48.467	ng	97
61) 4-Chlorophenyl-phenylether	15.81	204	213278	46.577	ng	97
62) 4-Nitroaniline	15.85	138	96366	45.839	ng	99
63) Azobenzene	16.10	77	394011	48.252	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	23517	14.226	ng	96
66) n-Nitrosodiphenylamine	16.02	169	375077	46.338	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	141648	45.261	ng	97
68) Hexachlorobenzene	16.82	284	146575	45.183	ng	95
69) Atrazine	16.96	200	151802	47.652	ng	96
70) Pentachlorophenol	17.16	266	80437	39.261	ng	98
71) Phenanthrene	17.56	178	697453	45.288	ng	99
72) Anthracene	17.66	178	703951	46.907	ng	99
73) Carbazole	17.93	167	623646	46.096	ng	98
74) Di-n-butylphthalate	18.46	149	757741	47.602	ng	99
75) Fluoranthene	19.57	202	832204	45.724	ng	99
77) Benzidine	19.75	184	84328	9.512	ng	98
78) Pyrene	19.93	202	849795	46.811	ng	98
80) Butylbenzylphthalate	20.79	149	353857	50.312	ng	94
81) Benzo(a)anthracene	21.79	228	810176	46.272	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	74277	11.619	ng	97
83) Chrysene	21.86	228	773939	45.594	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	489539	49.531	ng	100
85) Di-n-octyl phthalate	22.91	149	827267	50.552	ng	95
86) Indeno(1,2,3-cd)pyrene	29.05	276	867674	45.058	ng	97
88) Benzo(b)fluoranthene	24.10	252	809875	46.535	ng	99
89) Benzo(k)fluoranthene	24.17	252	773007	47.717	ng	98
90) Benzo(a)pyrene	25.02	252	782078	48.631	ng	98
91) Dibenzo(a,h)anthracene	29.12	278	717344	45.500	ng	98
92) Benzo(g,h,i)perylene	30.27	276	696426	43.983	ng	97

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

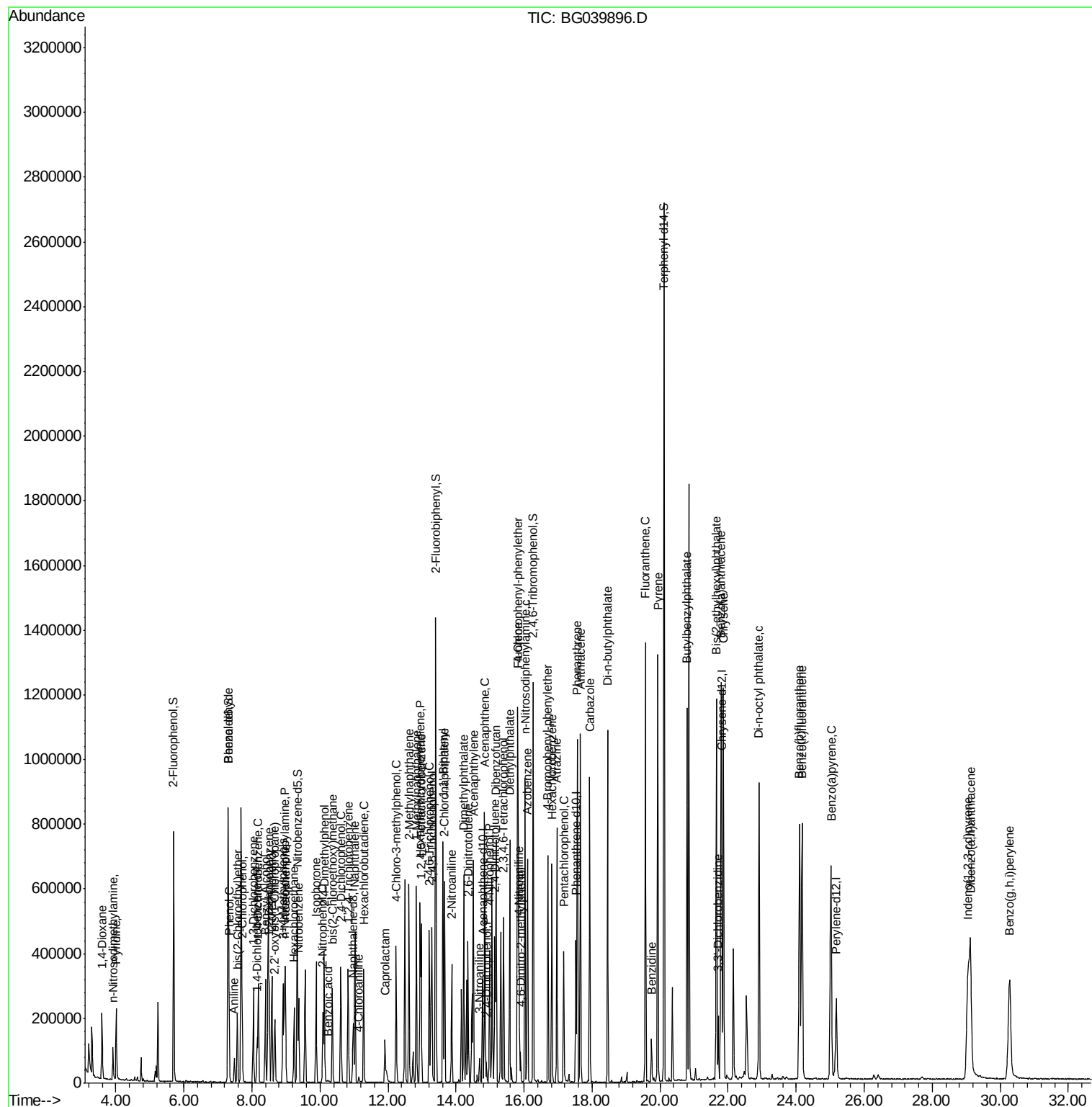
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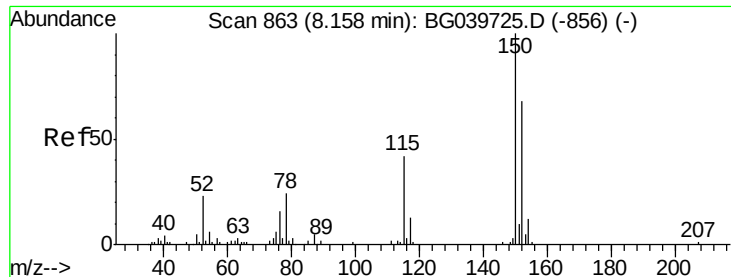
Instrument :
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#1

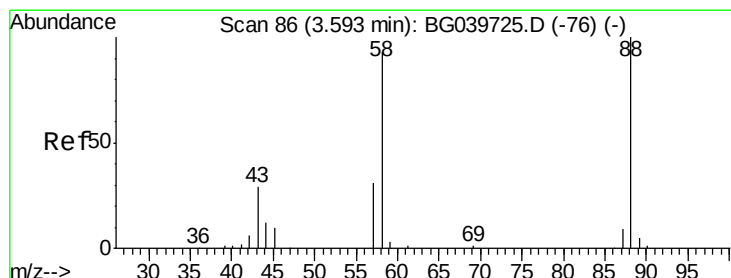
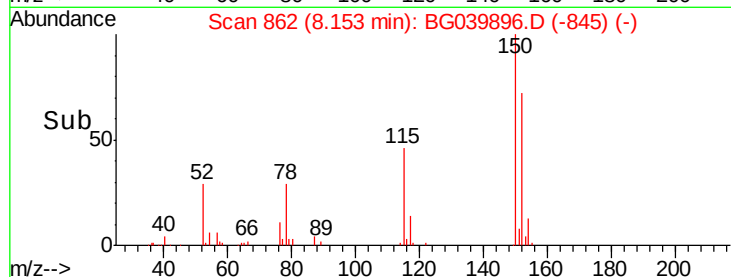
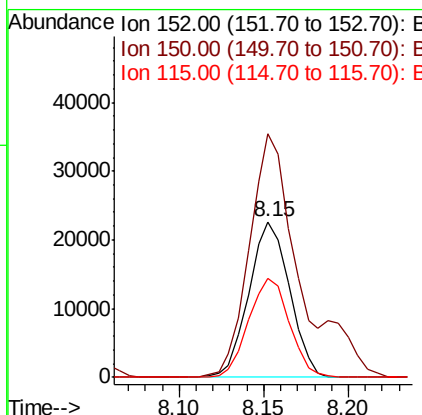
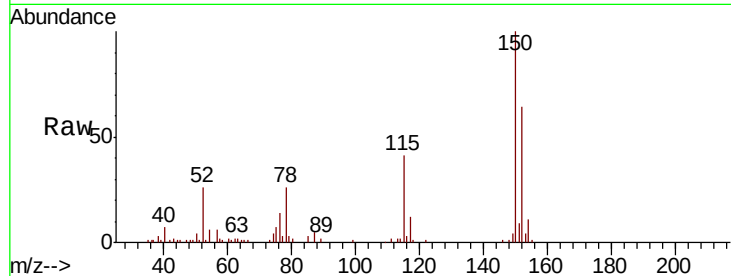
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
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SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.7	185.5
115	63.5	45.9	68.9

Manual Integrations
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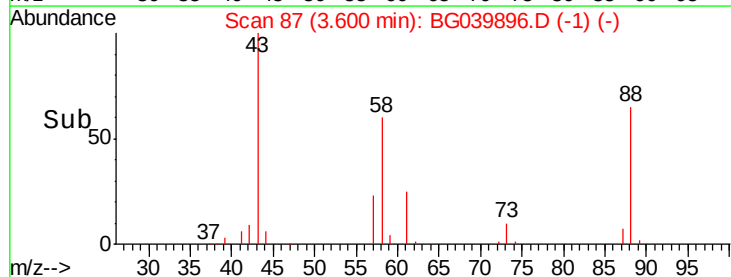
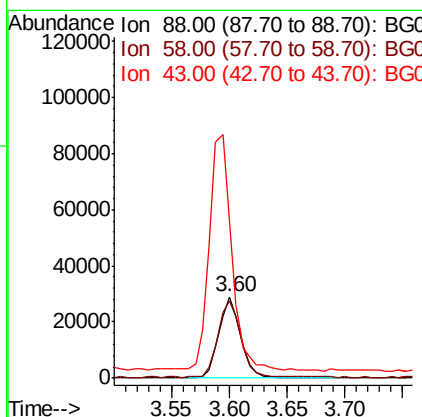
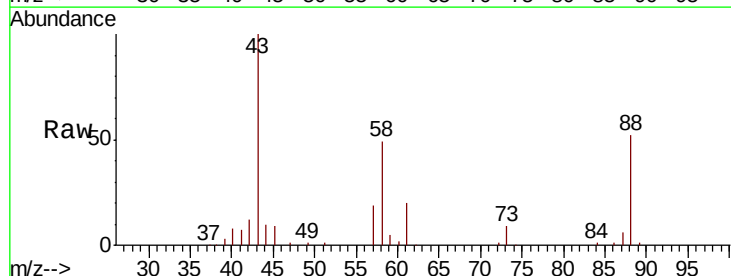
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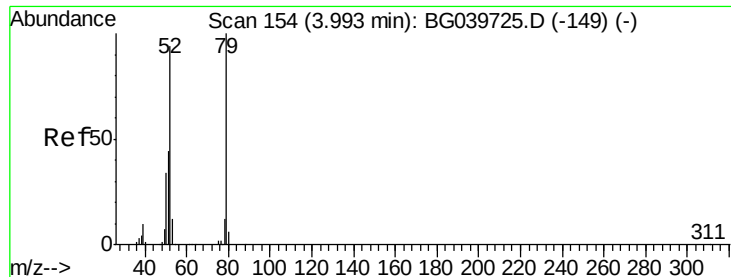


#2

1,4-Dioxane
Concen: 37.498 ng
RT: 3.60 min Scan# 87
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	81.1	121.7
43	302.4	31.4	47.0





#3

Pvridine

Concen: 34.110 ng

RT: 4.01 min Scan# 156

Delta R.T. 0.01 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Instrument :

BNA_G

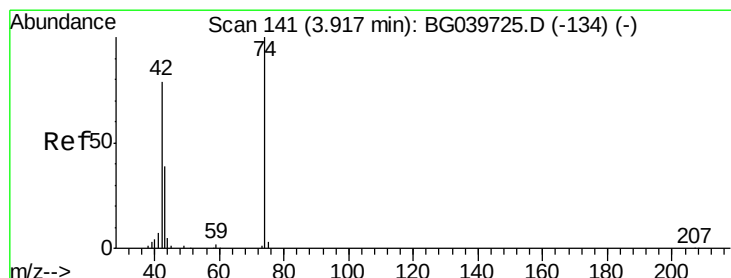
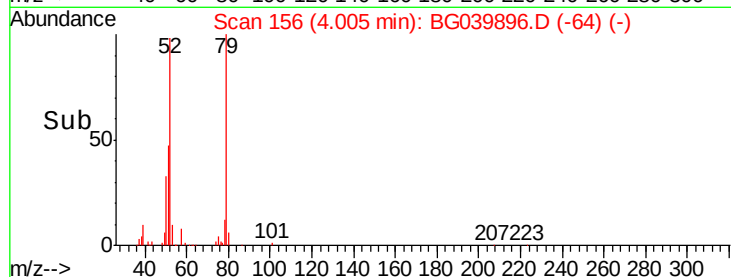
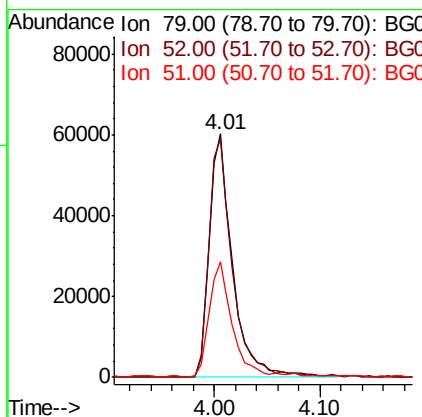
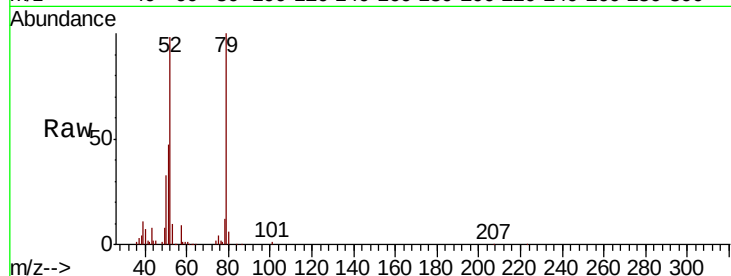
ClientSampleId :

SU-04-031119-AMSD

Tot Ion:	79	Resp:	93348
Ion Ratio	Lower	Upper	
79	100		
52	97.7	82.6	124.0
51	47.2	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.037 ng

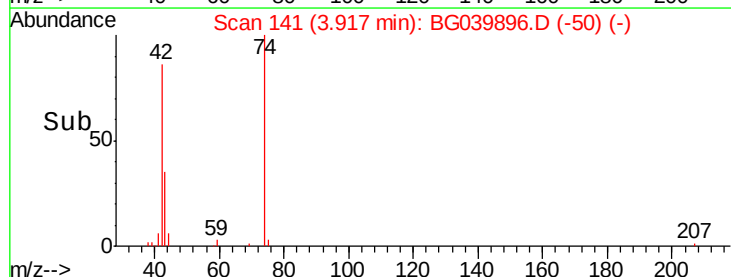
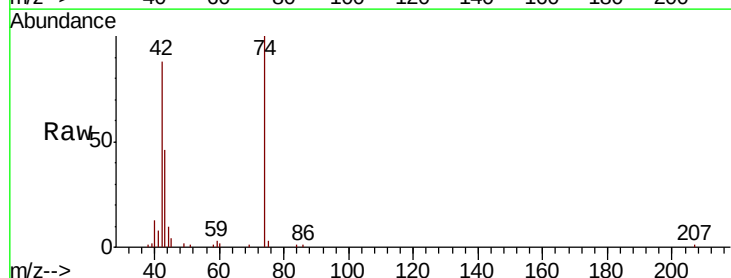
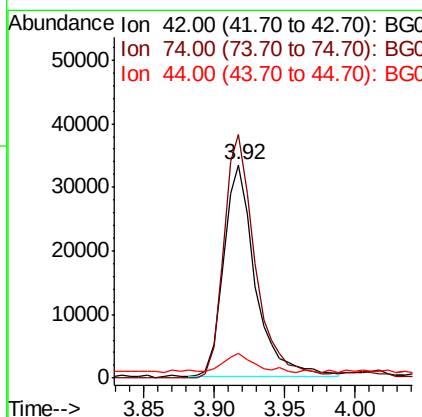
RT: 3.92 min Scan# 141

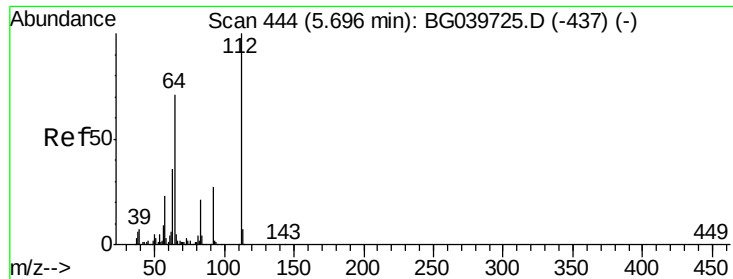
Delta R.T. 0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Tgt Ion:	42	Resp:	51978
Ion Ratio	Lower	Upper	
42	100		
74	114.0	83.6	125.4
44	11.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 144.443 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Instrument :

BNA_G

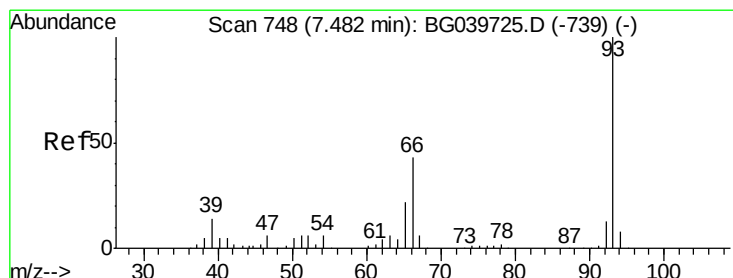
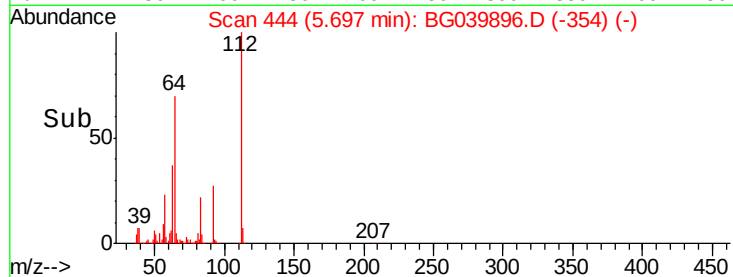
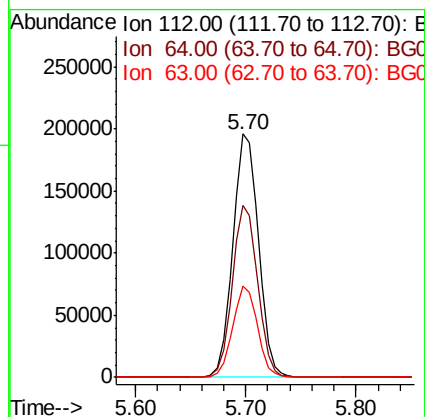
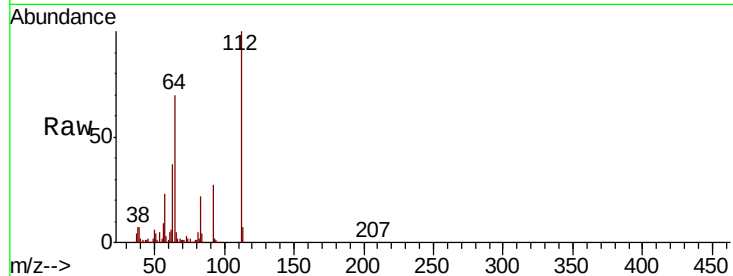
ClientSampleId :

SU-04-031119-AMSD

Tot Ion:	112	Resp:	319822
Ion Ratio	Lower	Upper	
112	100		
64	70.4	57.8	86.8
63	37.3	29.8	44.6

Manual Integrations
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#6

Aniline

Concen: 10.914 ng

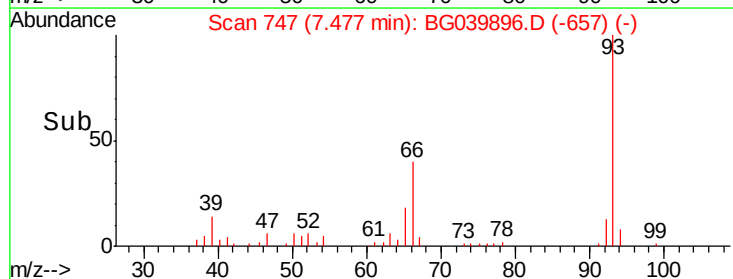
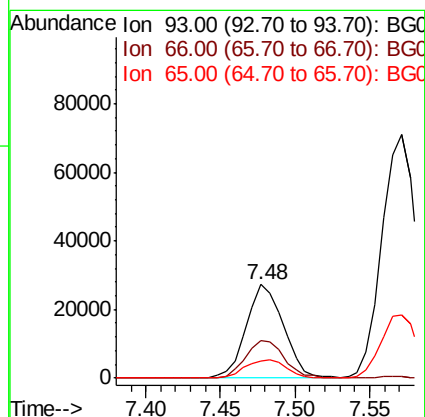
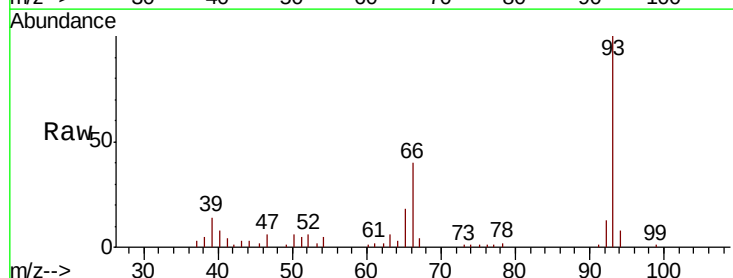
RT: 7.48 min Scan# 747

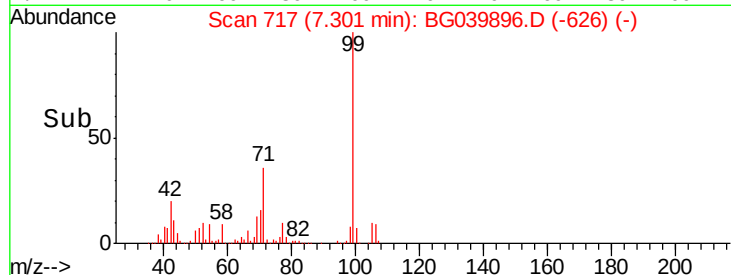
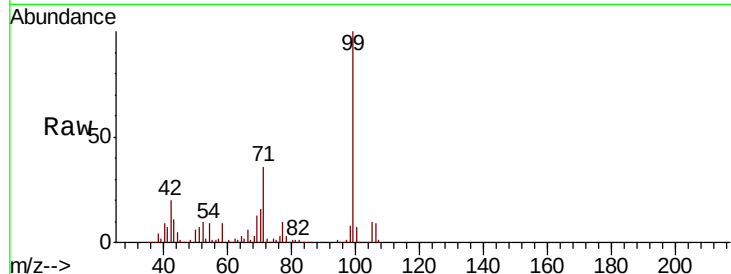
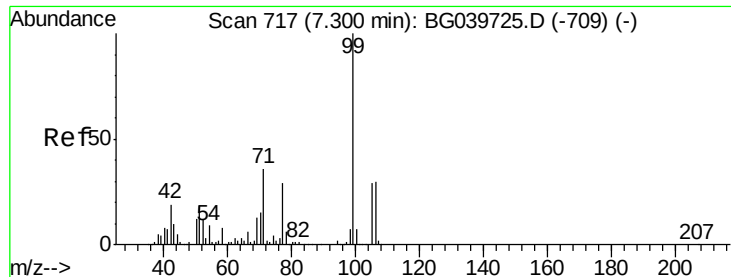
Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Tgt Ion:	93	Resp:	47209
Ion Ratio	Lower	Upper	
93	100		
66	39.7	34.2	51.4
65	18.1	17.7	26.5





#7

Phenol-d6

Concen: 126.967 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Tot Ion:	99	Resp:	419177
Ion Ratio	Lower	Upper	
99	100		
42	20.1	18.2	27.2
71	36.5	28.0	42.0

Instrument :

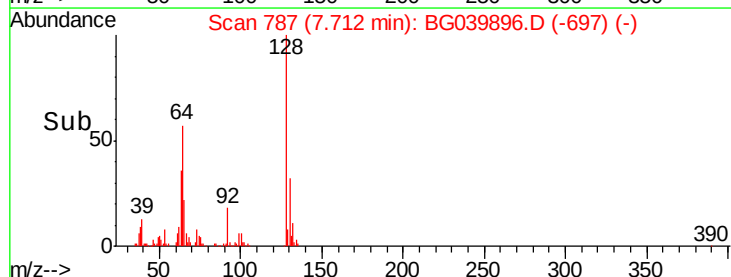
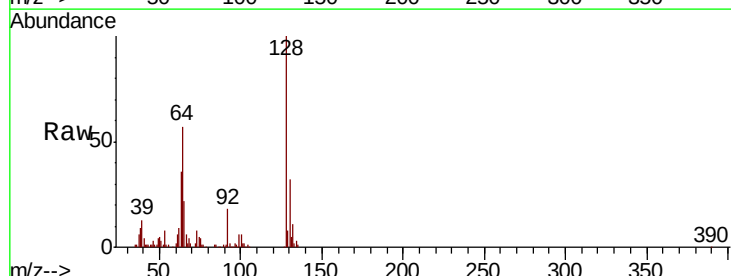
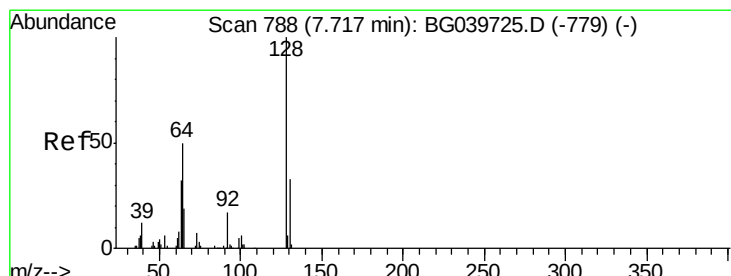
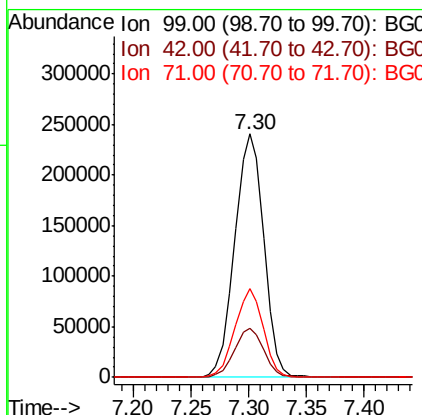
BNA_G

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#8

2-Chlorophenol

Concen: 42.907 ng

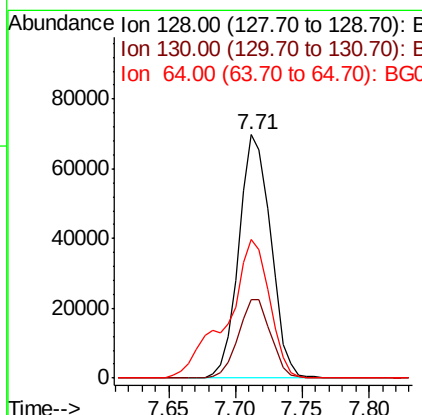
RT: 7.71 min Scan# 787

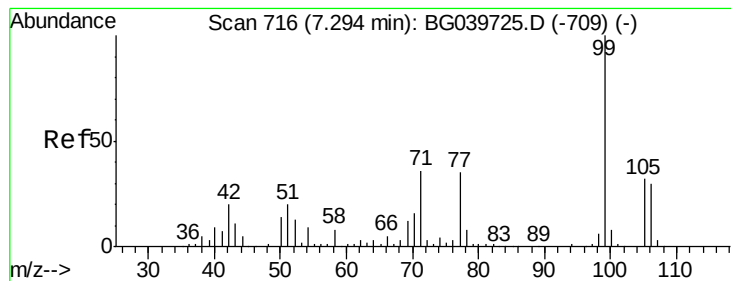
Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Tgt Ion:	128	Resp:	115258
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.9	52.9
64	56.9	38.7	78.7





#9

Benzaldehyde

Concen: 25.260 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Instrument :

BNA_G

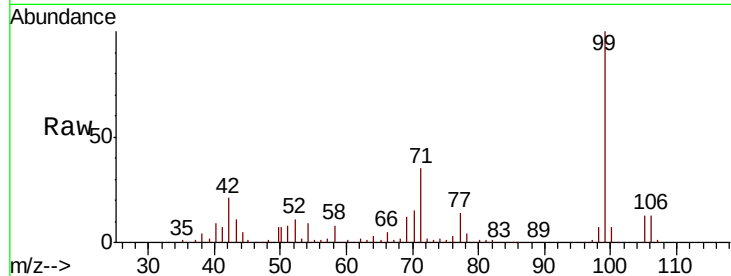
ClientSampleId :

SU-04-031119-AMSD

Tot Ion:	77	Resp:	53795
Ion	Ratio	Lower	Upper
77	100		
105	97.3	74.5	114.5
106	94.7	68.0	108.0

Manual Integrations
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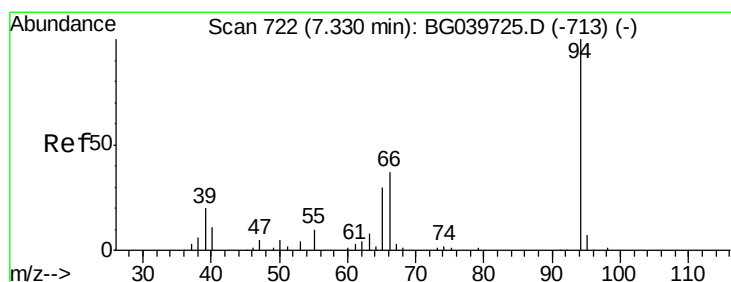
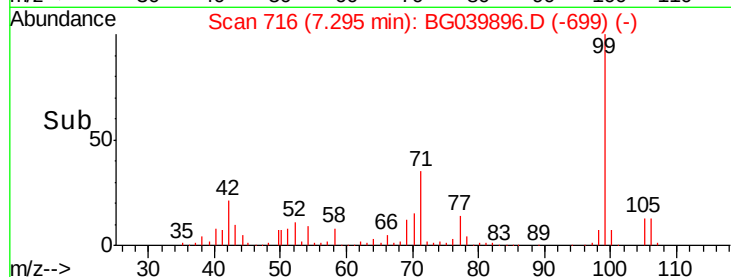
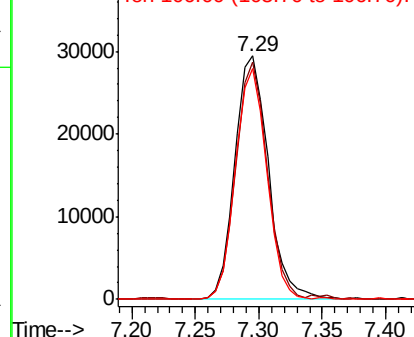


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.411 ng

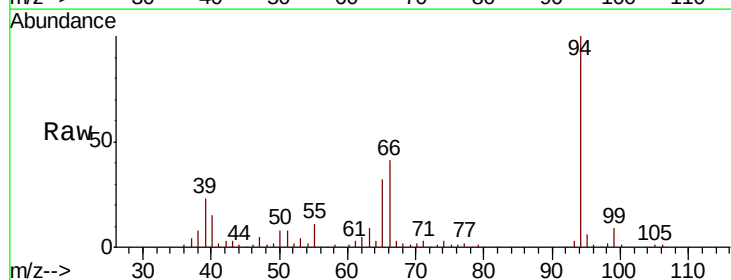
RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Tgt Ion:	94	Resp:	130227
Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.7	51.7
66	41.3	23.7	63.7

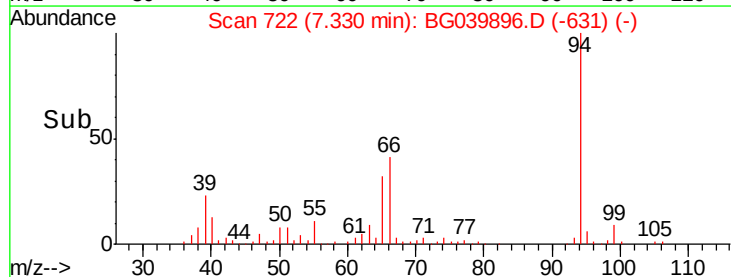
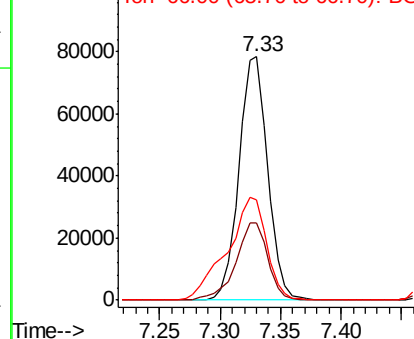


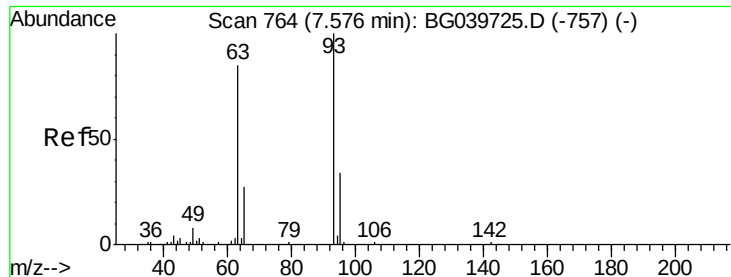
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





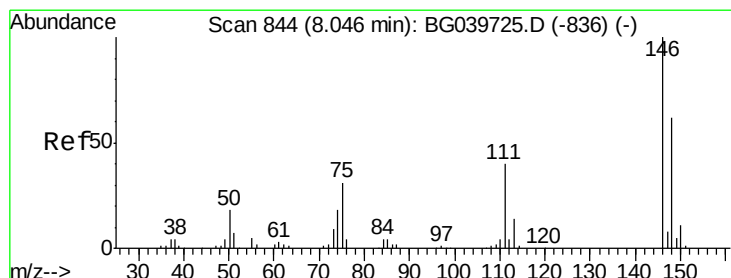
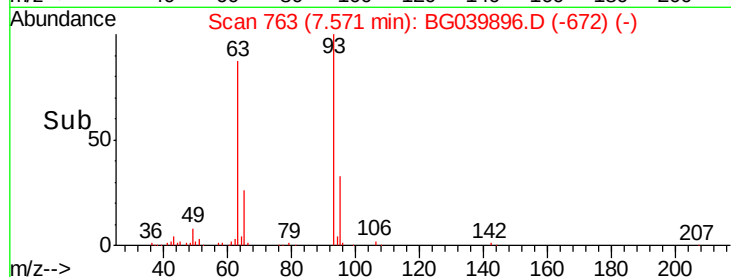
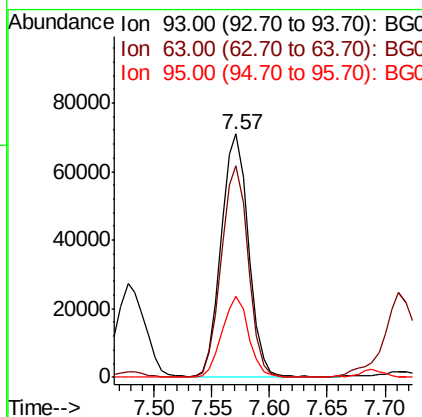
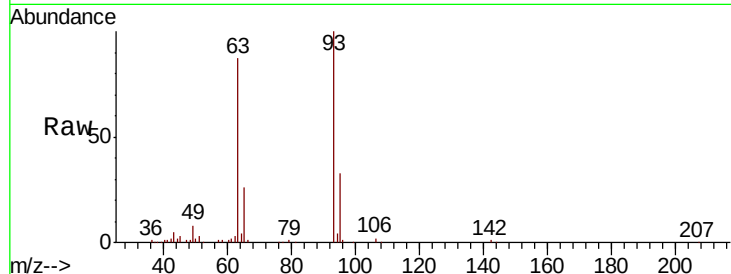
#11
bis(2-Chloroethyl)ether
Concen: 41.898 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	87.2	69.5	109.5	
95	33.2	12.7	52.7	

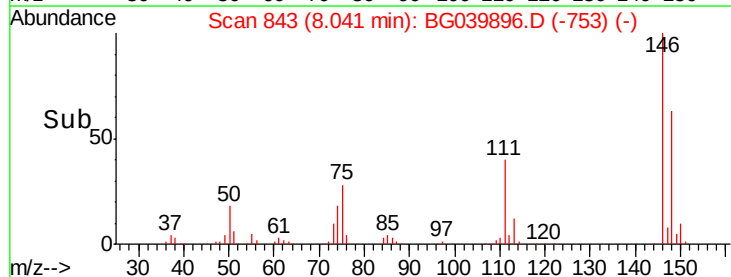
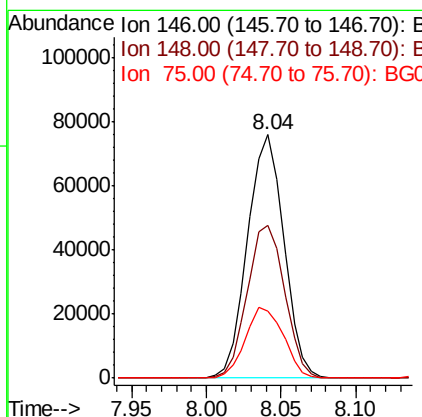
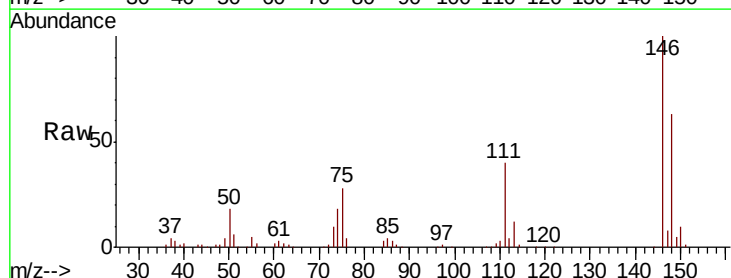
Manual Integrations
APPROVED

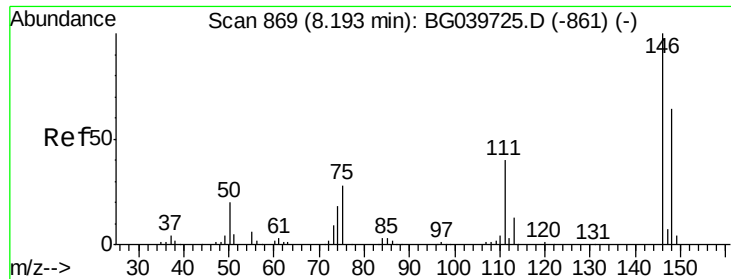
Sohil
3/13/2019 5:49:34 PM



#12
1,3-Dichlorobenzene
Concen: 42.075 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.5	52.6	79.0	
75	27.7	25.8	38.6	





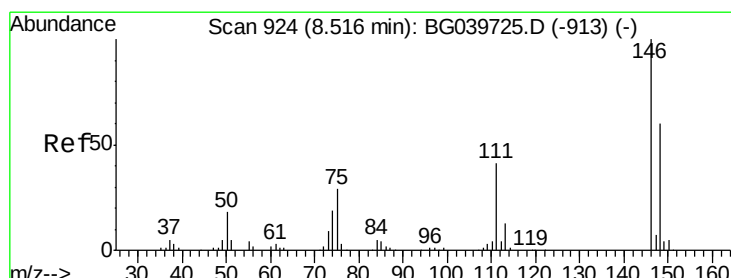
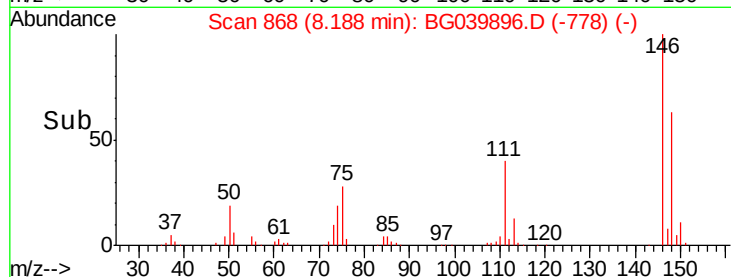
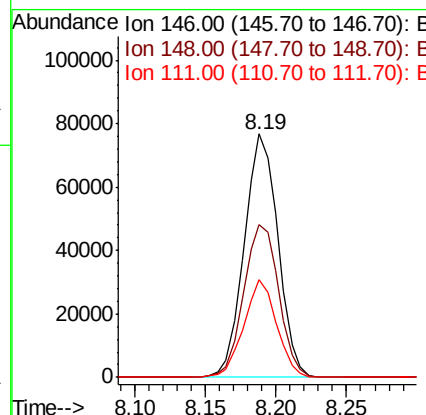
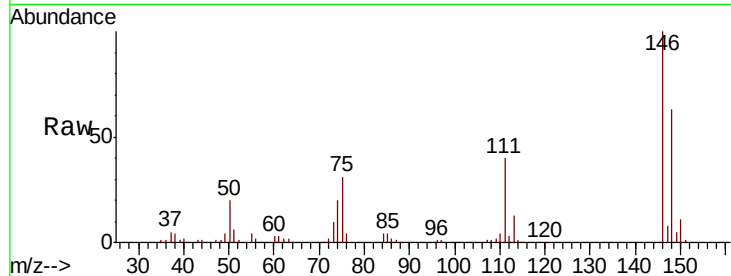
#13
 1,4-Dichlorobenzene
 Concen: 41.446 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	40.3	32.6	48.8

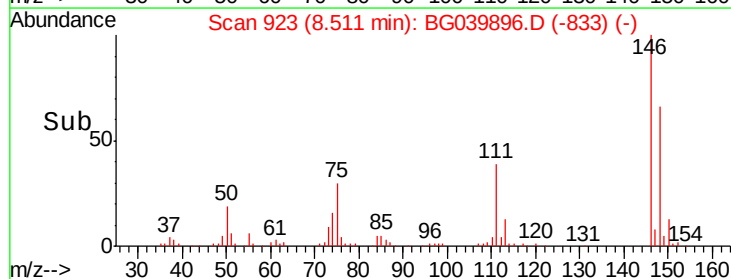
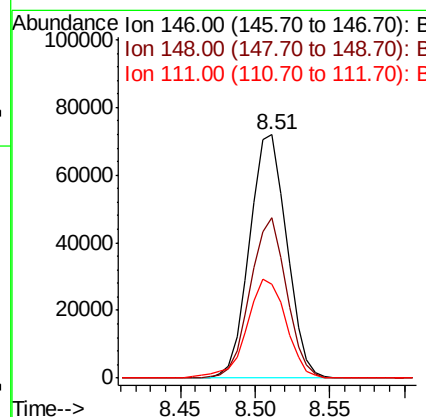
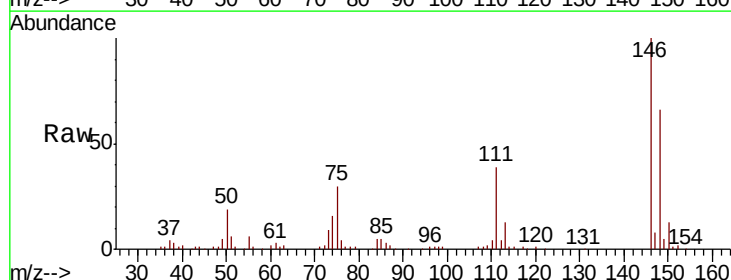
Manual Integrations
 APPROVED

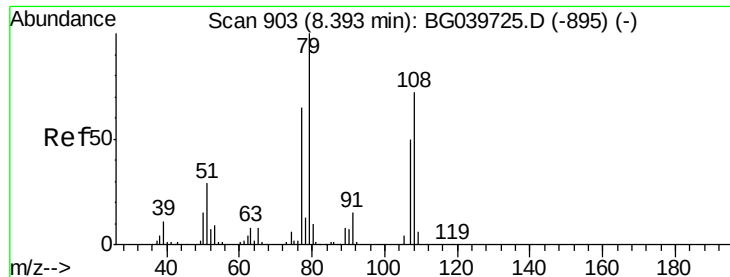
Sohil
 3/13/2019 5:49:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.445 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.5	77.3
111	38.6	33.8	50.6





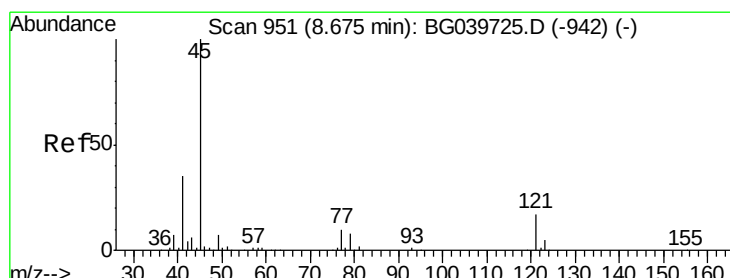
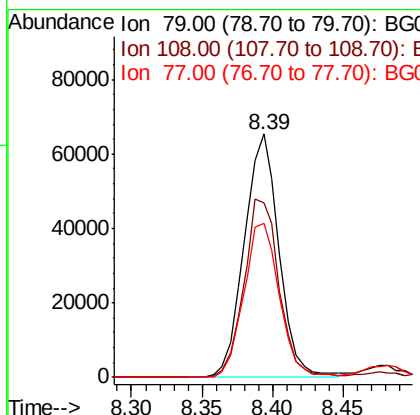
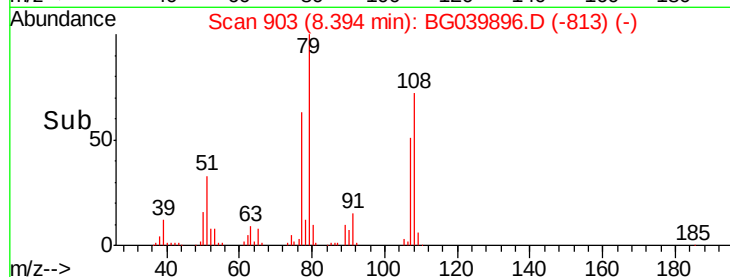
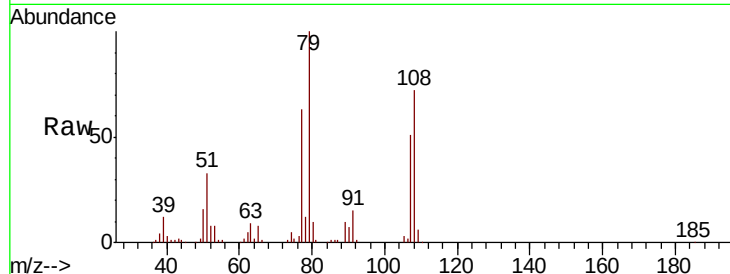
#15
Benzyl Alcohol
Concen: 42.911 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.9	57.8	86.6
77	63.3	51.1	76.7

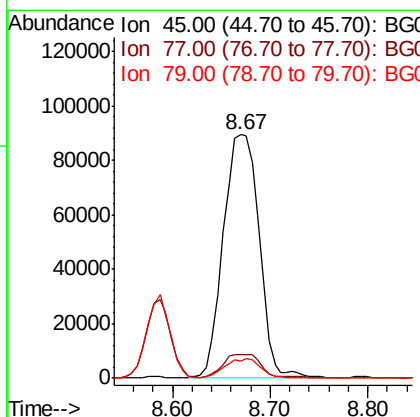
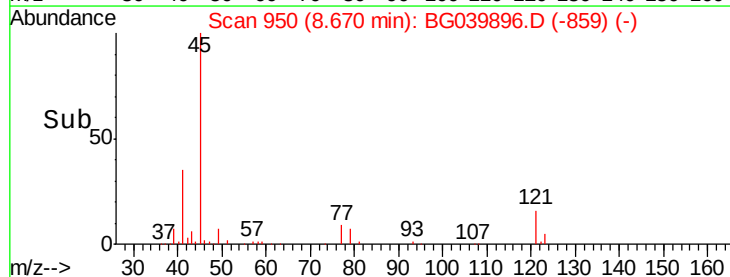
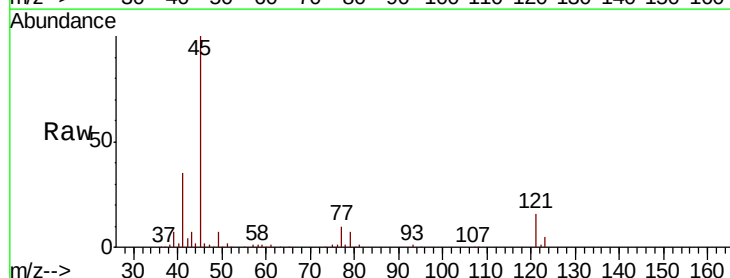
Manual Integrations
APPROVED

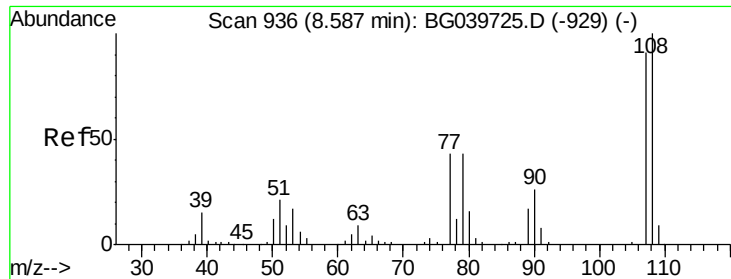
Sohil
3/13/2019 5:49:34 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.615 ng
RT: 8.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.5	0.0	30.0
79	7.0	0.0	27.5





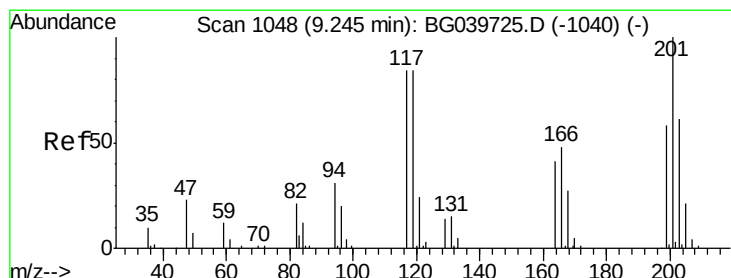
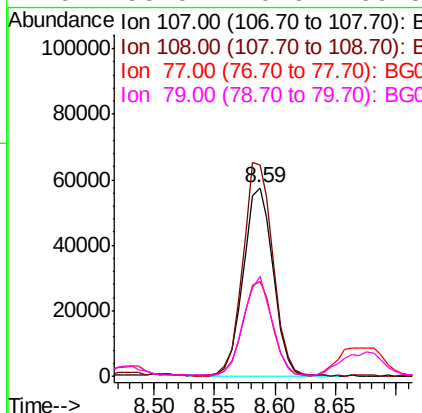
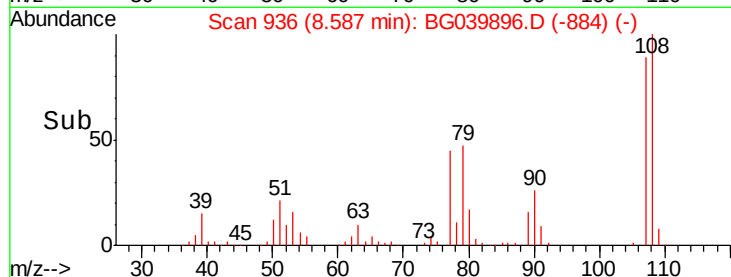
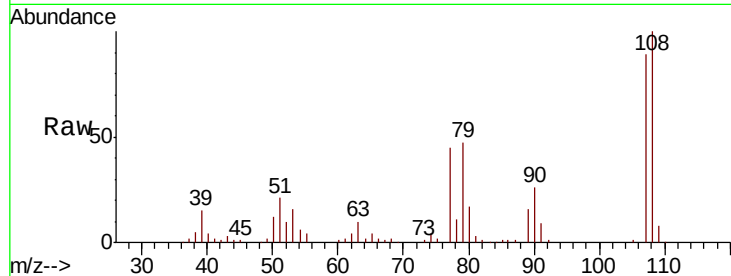
#17
2-Methylphenol
Concen: 43.822 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.8	136.2
77	50.4	40.7	61.1
79	53.0	40.6	60.8

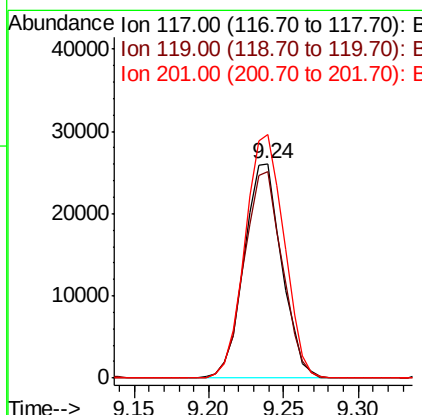
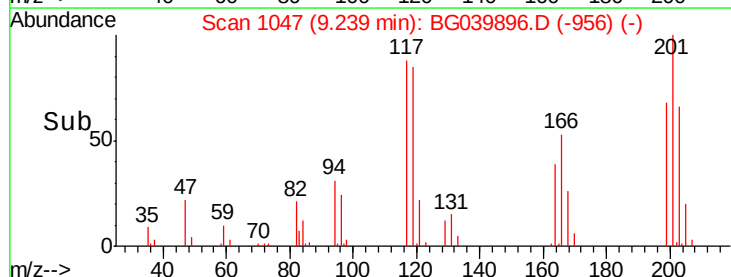
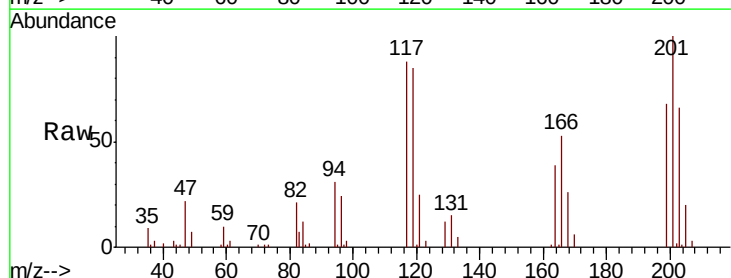
Manual Integrations
APPROVED

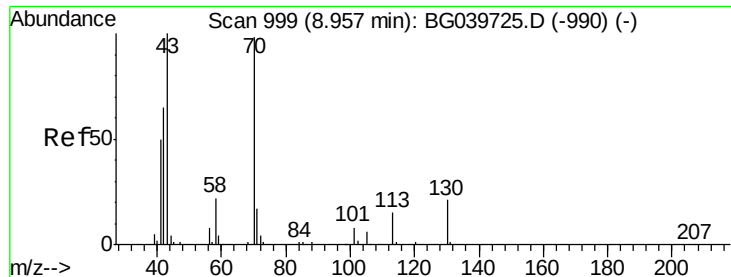
Sohil
3/13/2019 5:49:34 PM



#18
Hexachloroethane
Concen: 40.911 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.3	114.5
201	113.4	91.1	136.7





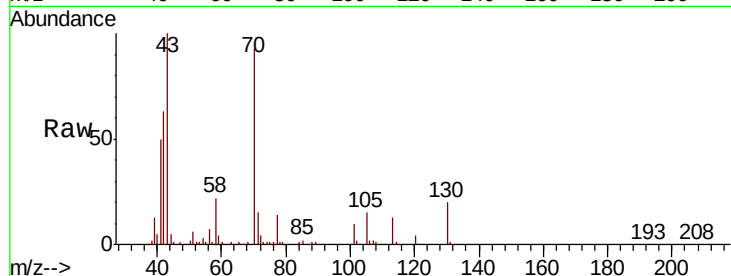
#19
n-Nitroso-di-n-propylamine
Concen: 39.974 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.9	60.4	90.6	
101	10.6	7.5	11.3	
130	21.3	16.9	25.3	

Manual Integrations
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Sohil
3/13/2019 5:49:34 PM



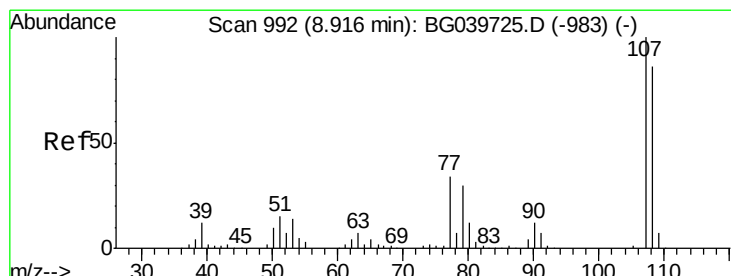
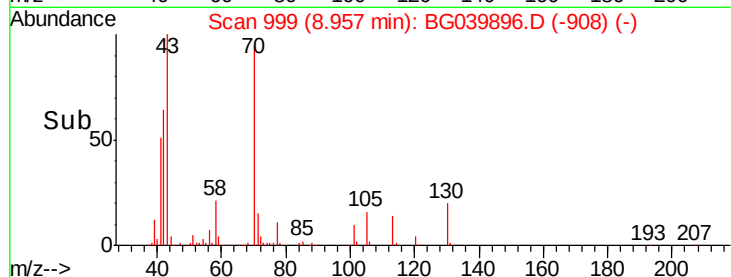
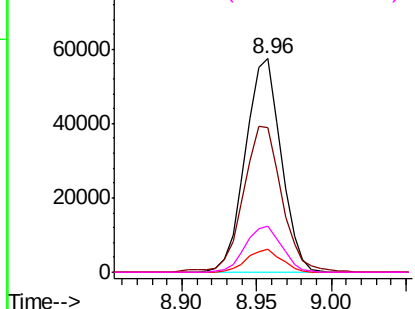
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.914 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.3	67.9	107.9	
77	35.4	15.4	55.4	
79	33.5	13.7	53.7	

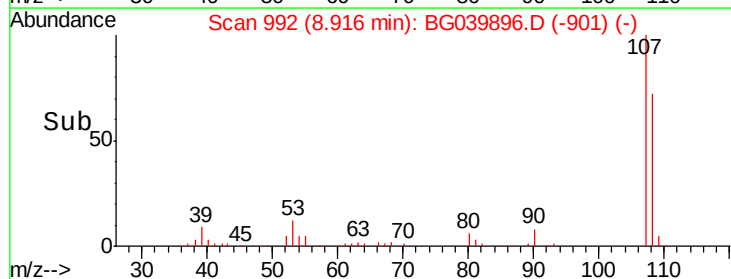
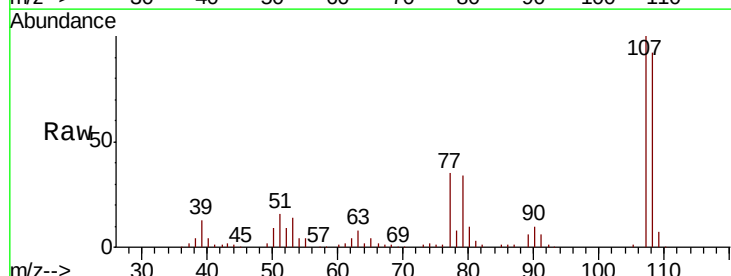
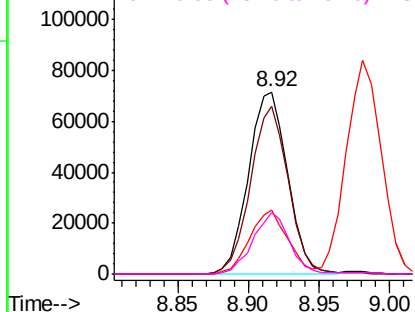
Abundance

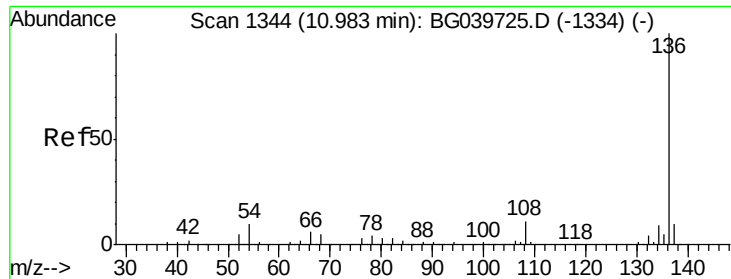
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





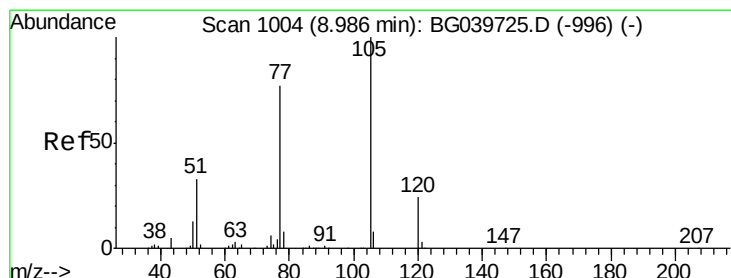
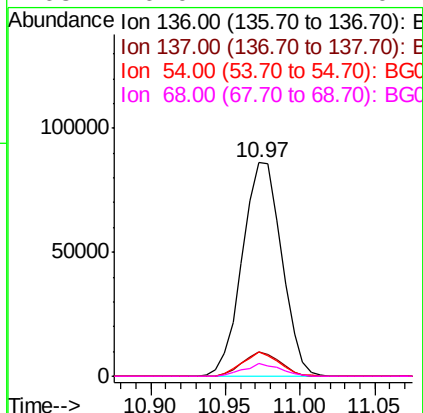
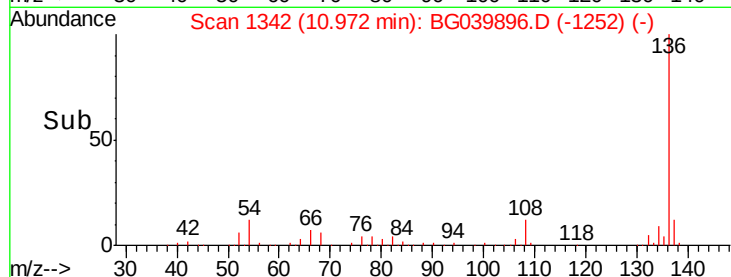
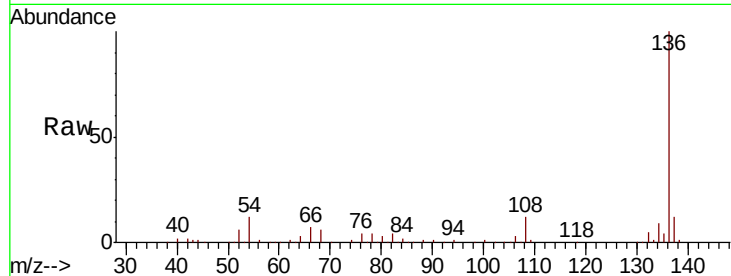
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	157441		
137	11.5	9.1	13.7	
54	11.7	9.4	14.2	
68	6.0	4.2	6.4	

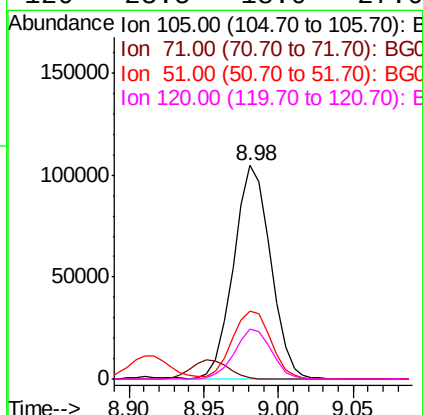
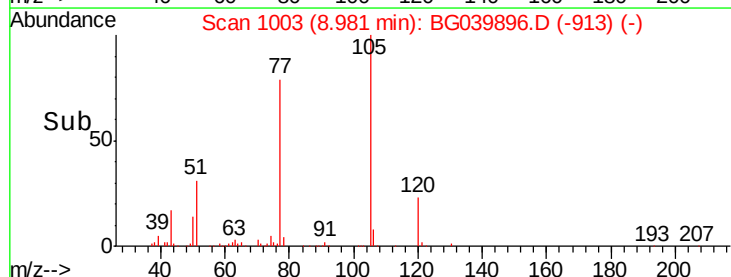
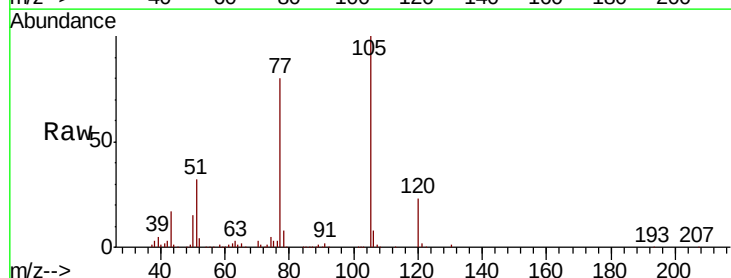
Manual Integrations
APPROVED

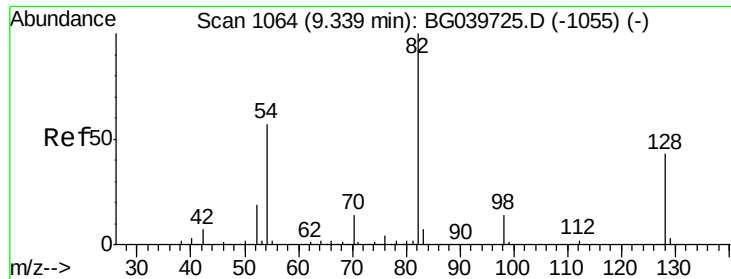
Sohil
3/13/2019 5:49:34 PM



#22
Acetophenone
Concen: 42.804 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	180876		
71	0.6	0.8	1.2	#
51	31.8	30.2	45.2	
120	23.5	18.0	27.0	





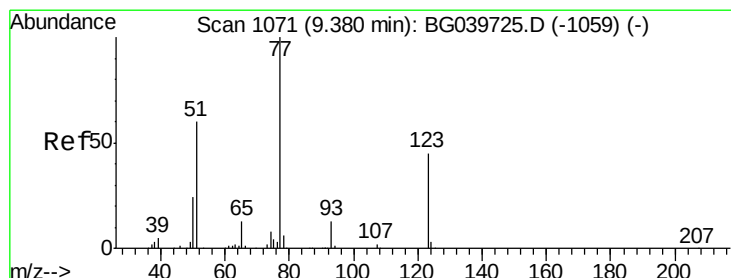
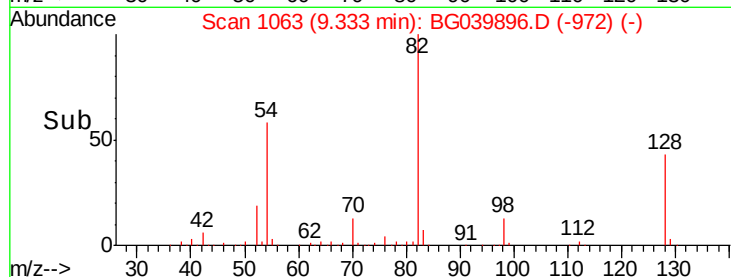
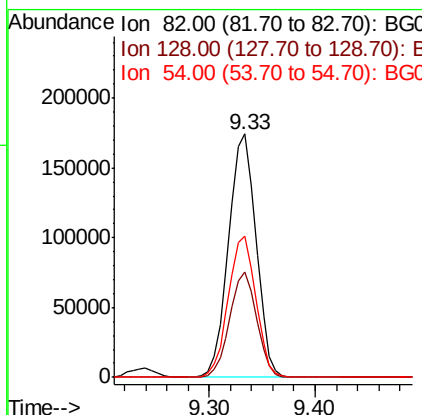
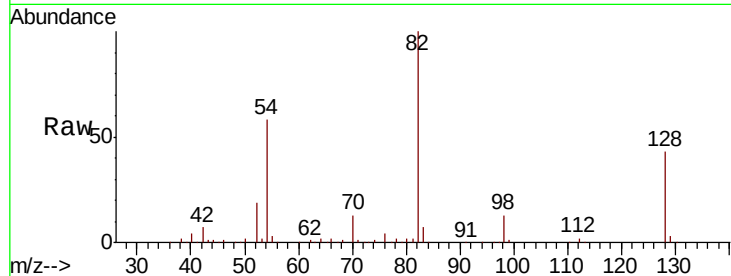
#23
Nitrobenzene-d5
Concen: 107.950 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	31.3	46.9	
54	58.0	50.9	76.3	

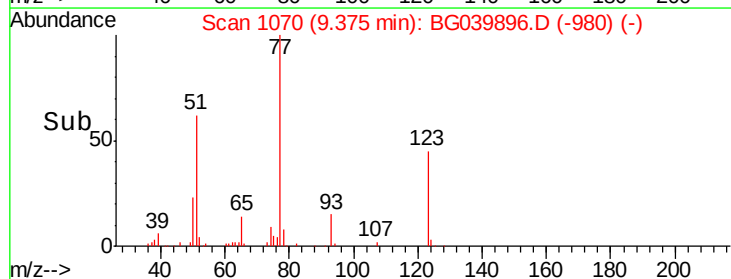
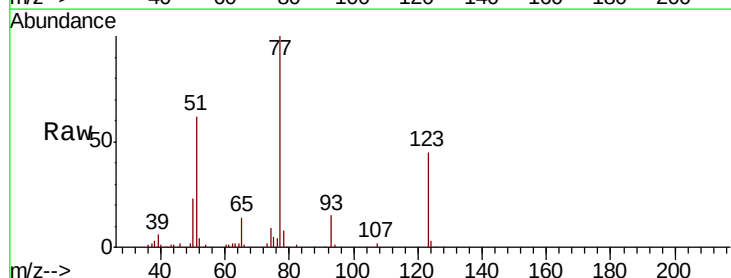
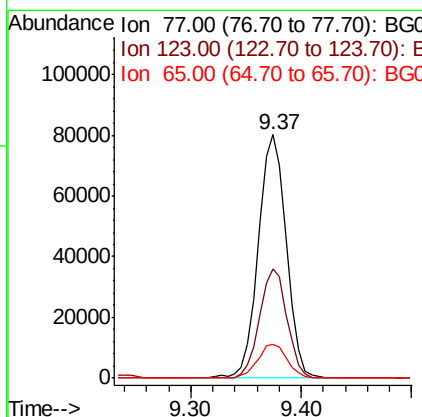
Manual Integrations
APPROVED

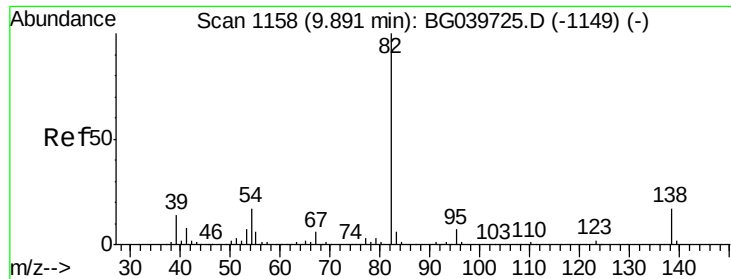
Sohil
3/13/2019 5:49:34 PM



#24
Nitrobenzene
Concen: 46.620 ng
RT: 9.37 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.1	34.1	51.1	
65	13.9	12.3	18.5	





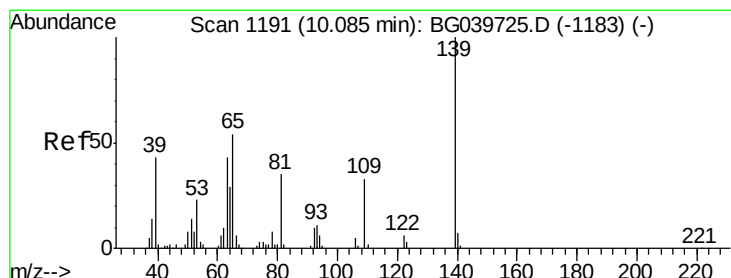
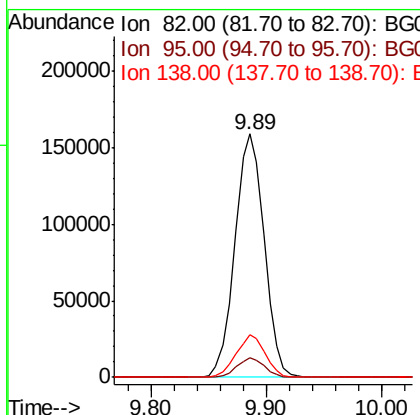
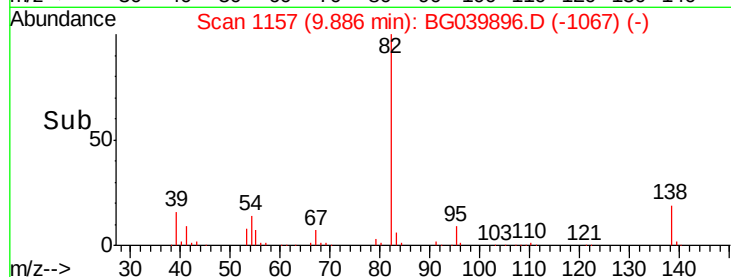
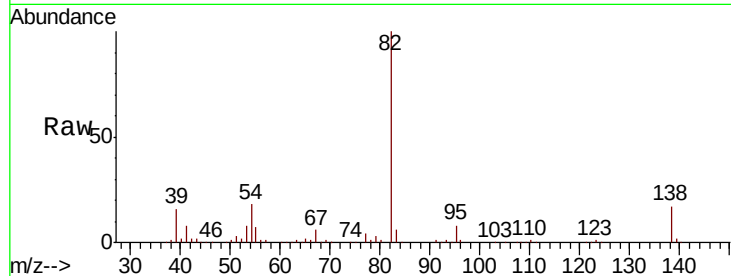
#25
Isophorone
Concen: 45.572 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.2	9.2
138	17.4	13.0	19.4

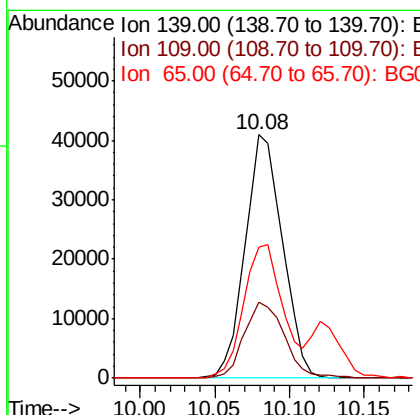
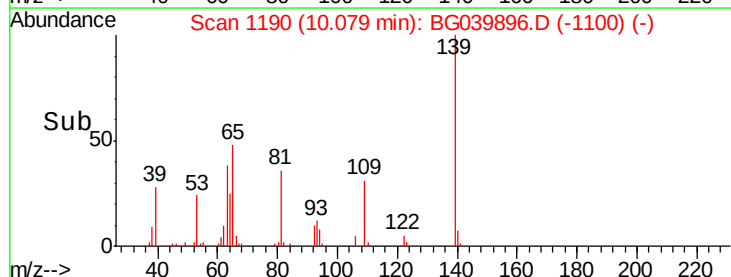
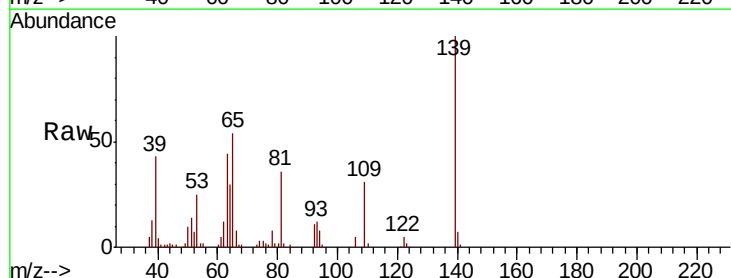
Manual Integrations
APPROVED

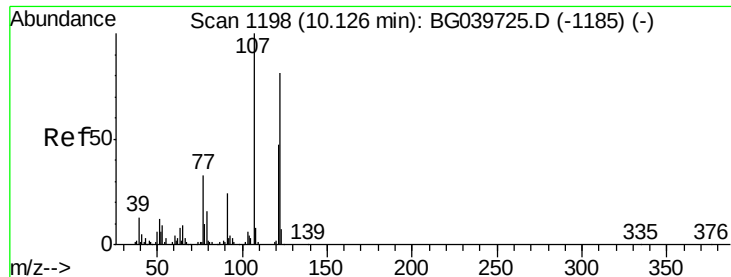
Sohil
3/13/2019 5:49:34 PM



#26
2-Nitrophenol
Concen: 48.144 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.3	23.4	35.0
65	54.0	44.3	66.5





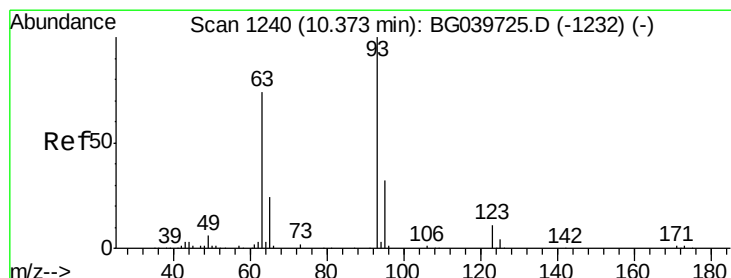
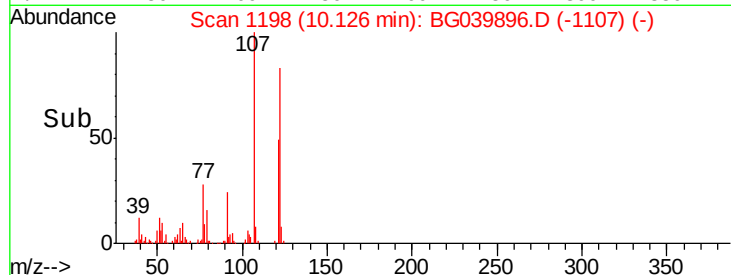
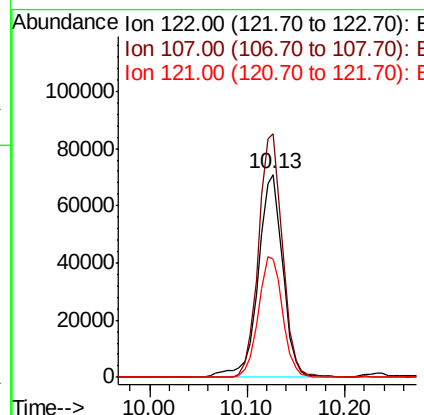
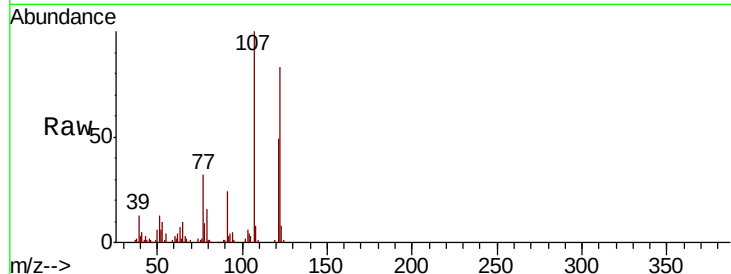
#27
2,4-Dimethylphenol
Concen: 55.053 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.0	91.7	137.5
121	58.4	46.4	69.6

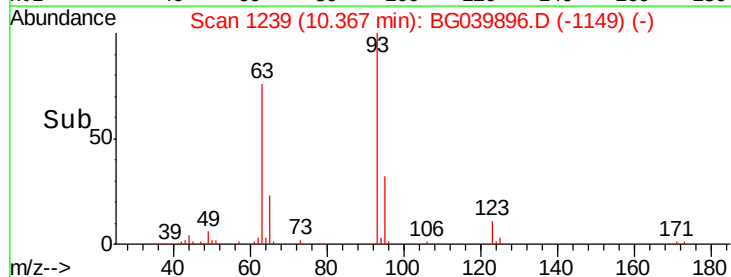
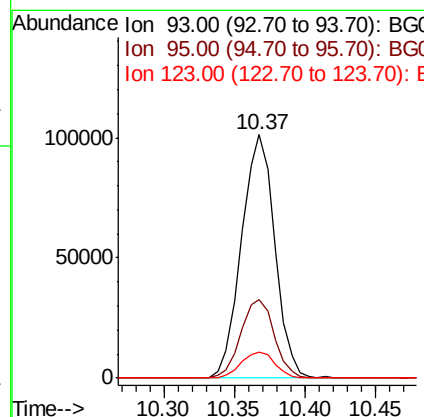
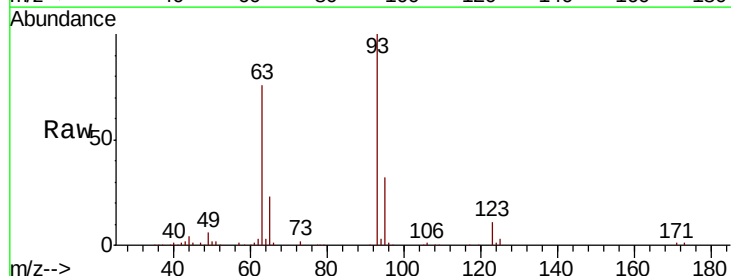
Manual Integrations
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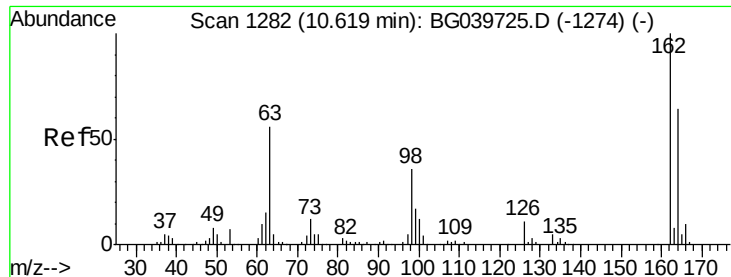
Sohil
3/13/2019 5:49:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.079 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.0	37.4
123	10.8	8.6	12.8





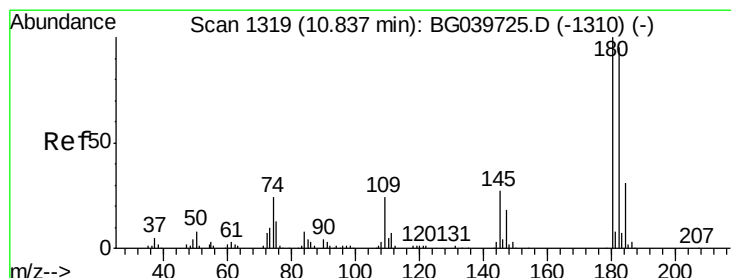
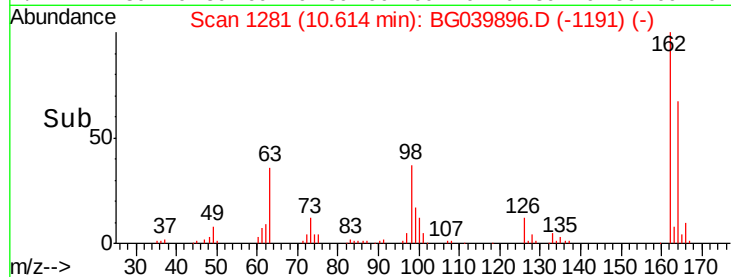
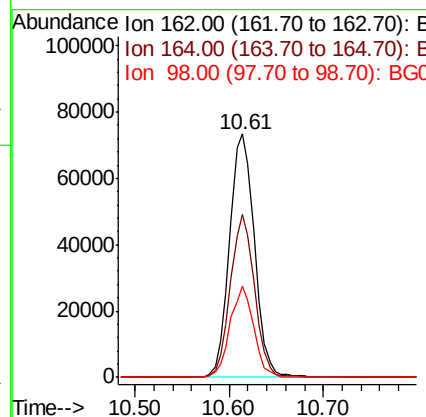
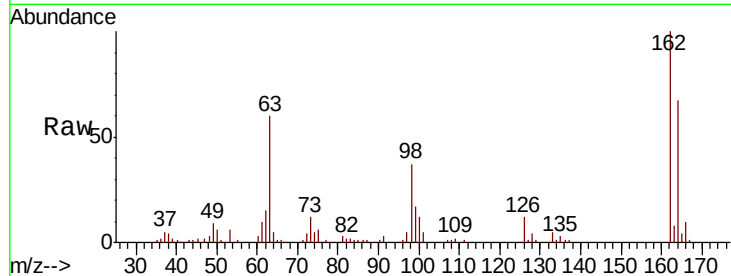
#29
 2,4-Dichlorophenol
 Concen: 52.285 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-031119-AMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.8	48.1	88.1
98	37.3	18.1	58.1

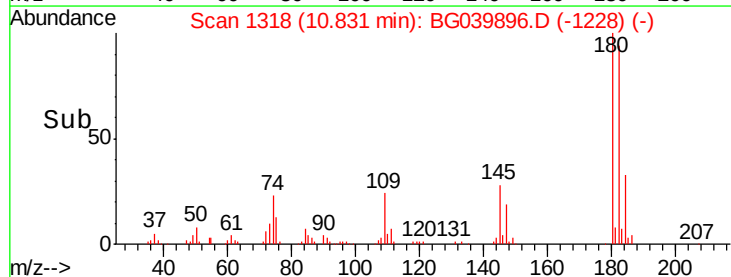
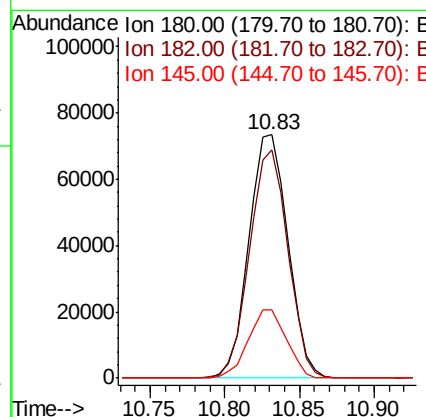
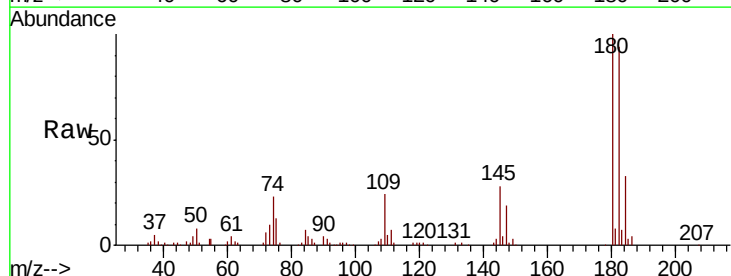
Manual Integrations
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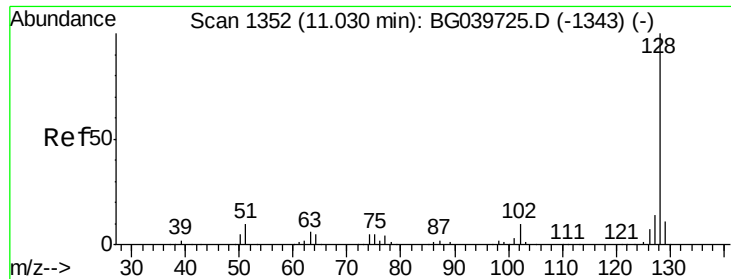
Sohil
 3/13/2019 5:49:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.677 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.7	76.0	114.0
145	28.2	22.7	34.1





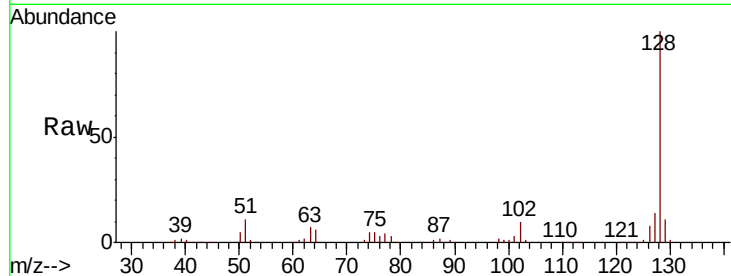
#31
Naphthalene
Concen: 45.233 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.8	10.8	16.2

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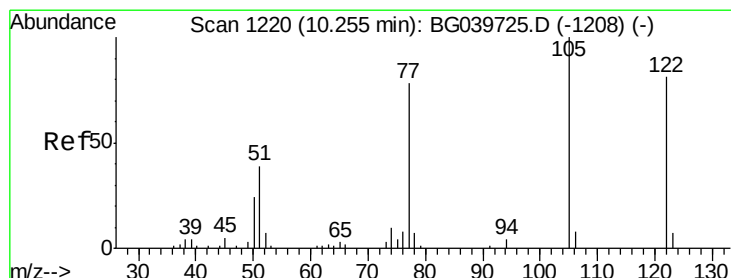
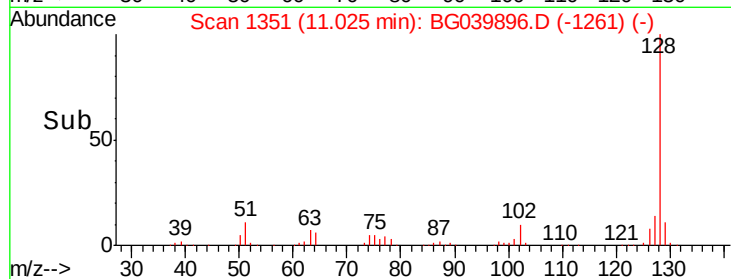
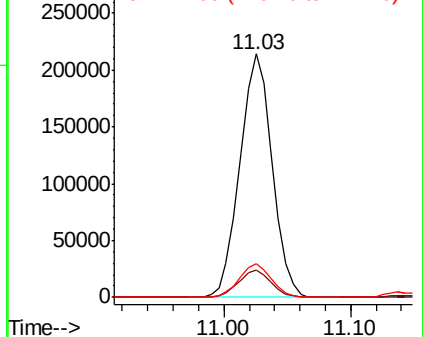


Abundance

Ion 128.00 (127.70 to 128.70): E

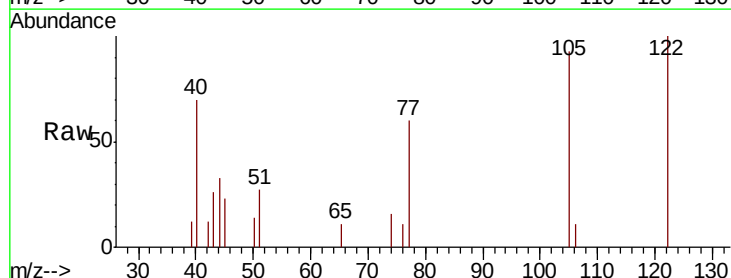
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 9.765 ng m
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	93.4	101.8	141.8#
77	59.6	76.3	116.3#

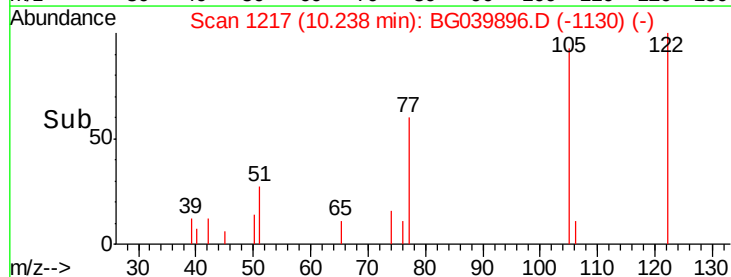
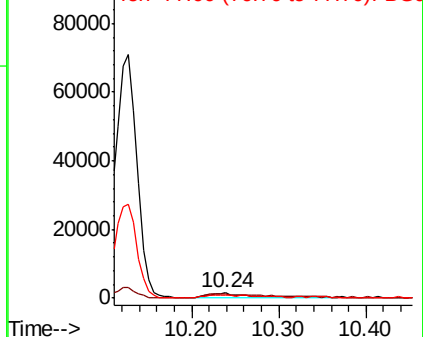


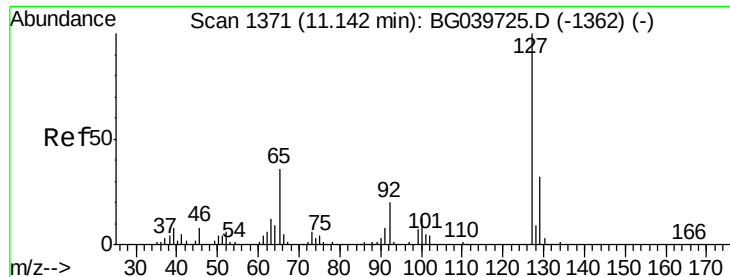
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





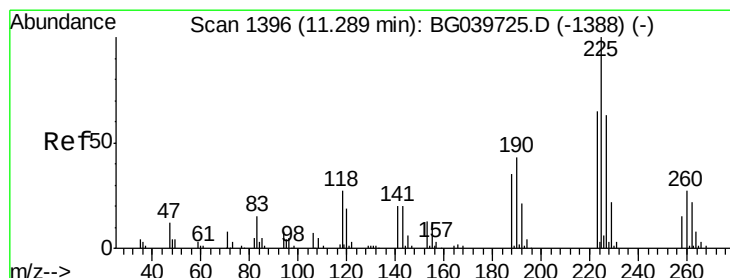
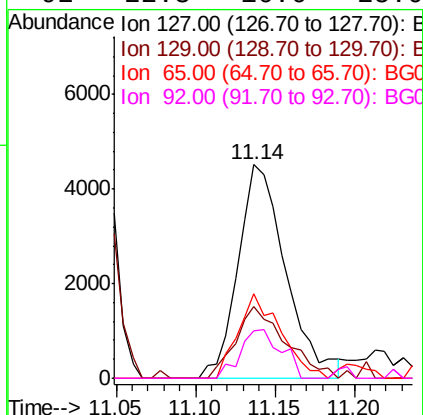
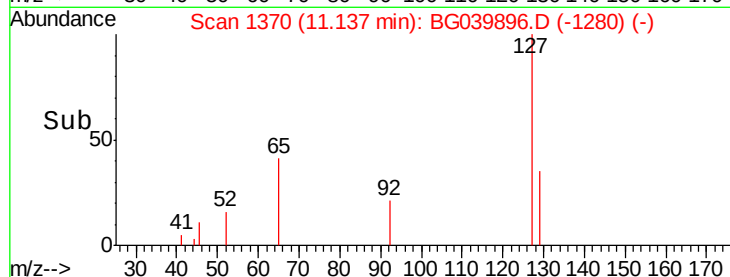
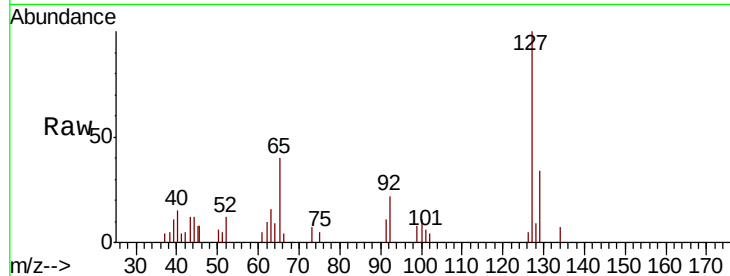
#33
4-Chloroaniline
Concen: 2.674 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	27.0	40.4
65	39.5	28.8	43.2
92	22.3	16.6	25.0

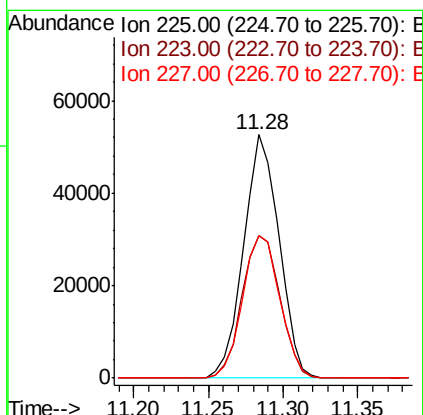
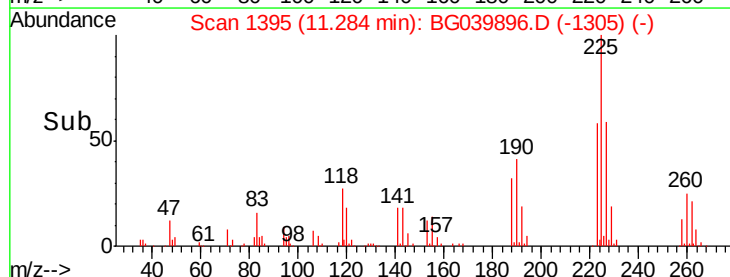
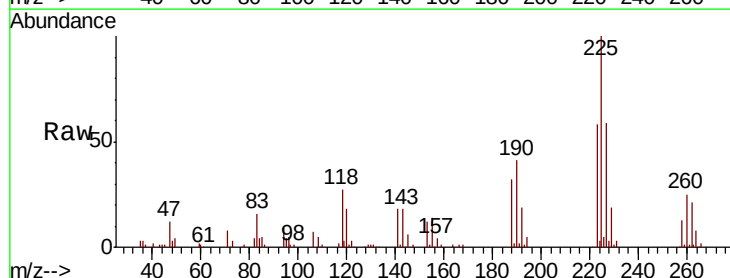
Manual Integrations
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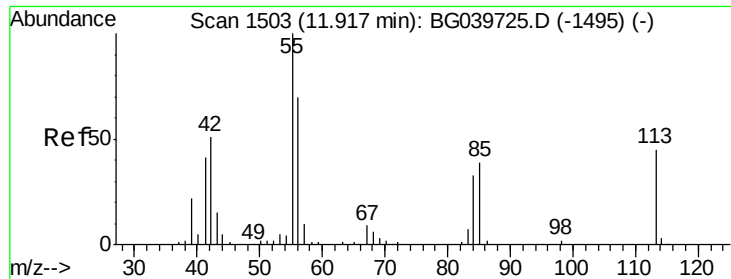
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#34
Hexachlorobutadiene
Concen: 43.484 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.4	49.0	73.6
227	58.7	46.3	69.5





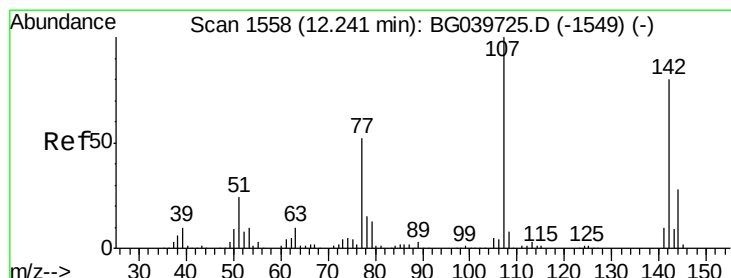
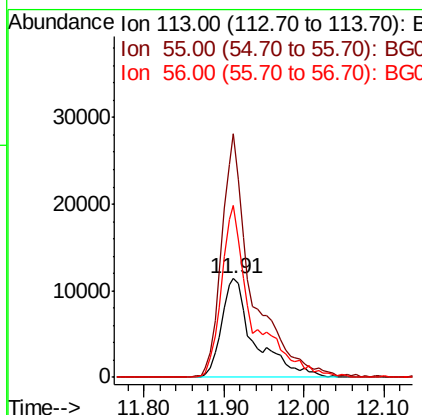
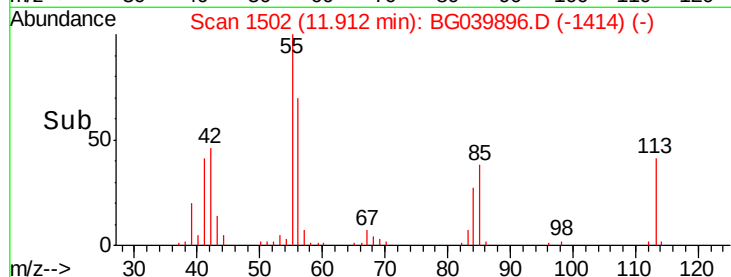
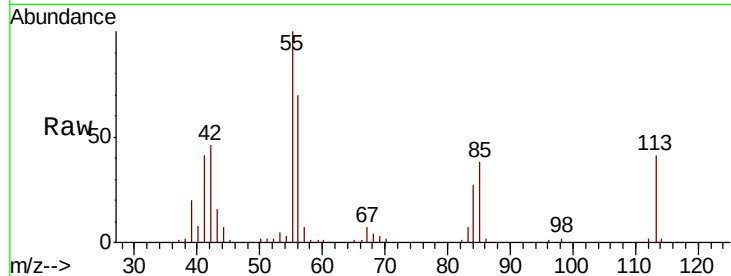
#35
Caprolactam
Concen: 32.840 ng/ml
RT: 11.91 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	246.1	216.9	256.9
56	173.4	152.6	192.6

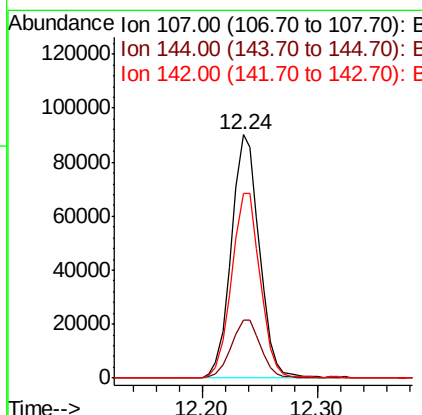
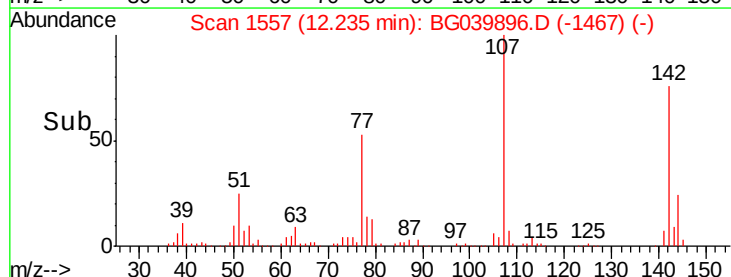
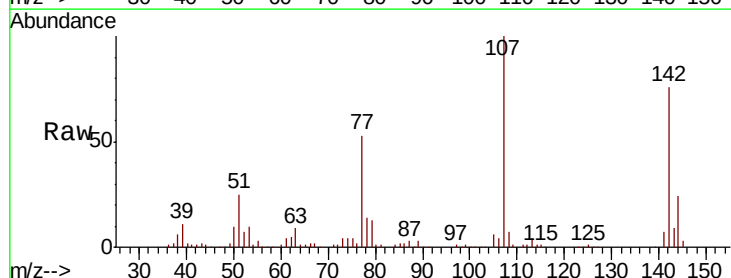
Manual Integrations
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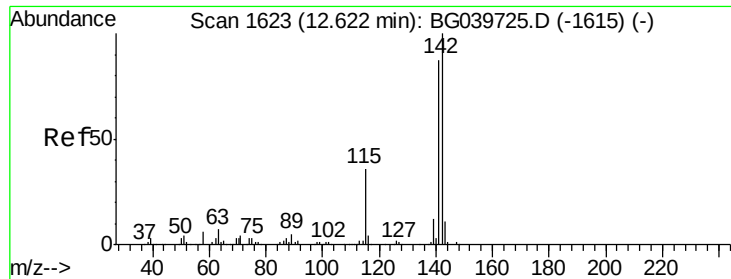
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 51.239 ng/ml
RT: 12.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	20.2	30.2
142	76.0	61.4	92.2





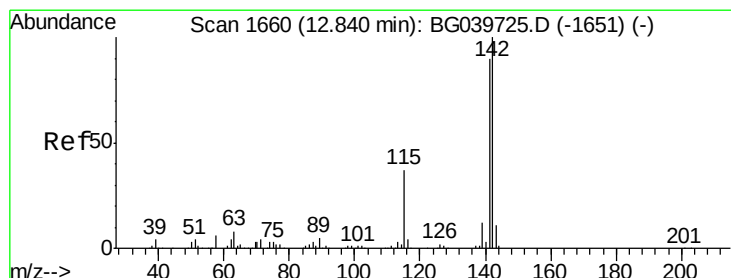
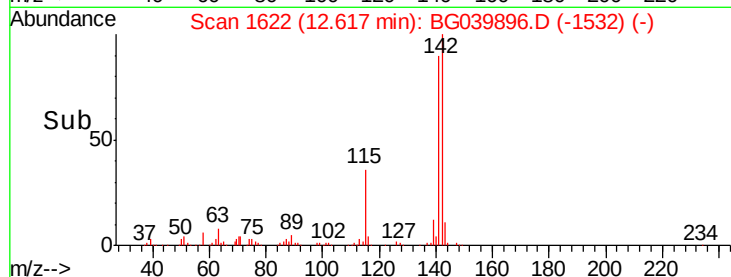
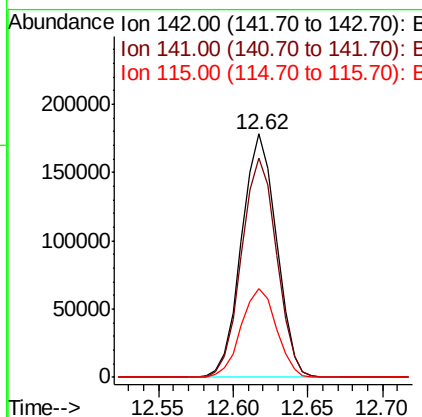
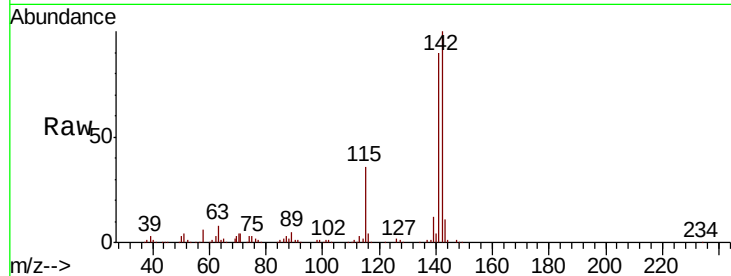
#37
2-Methylnaphthalene
Concen: 46.305 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.5	110.3
115	36.3	30.8	46.2

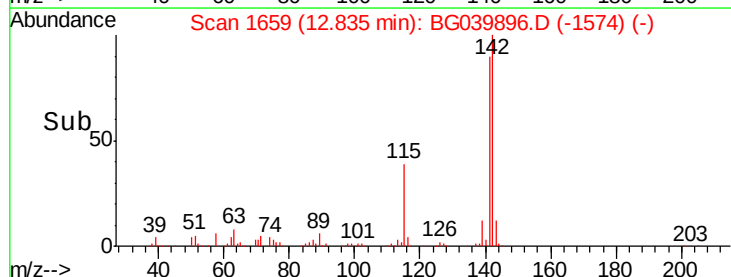
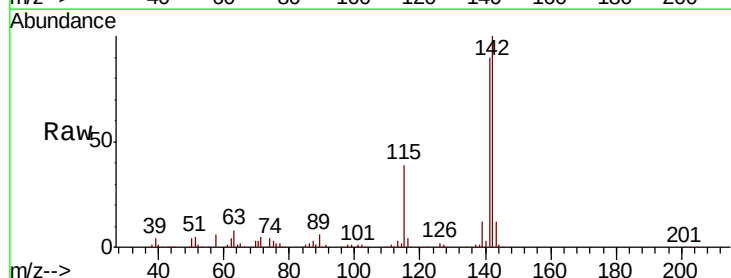
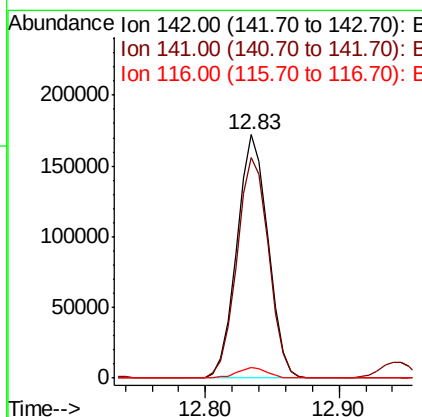
Manual Integrations
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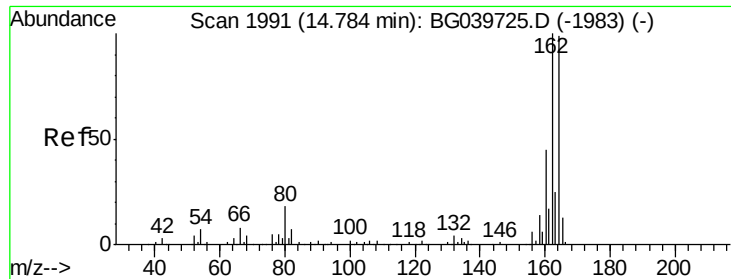
Sohil
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#38
1-Methylnaphthalene
Concen: 45.798 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.2	111.4
116	4.4	3.0	4.6





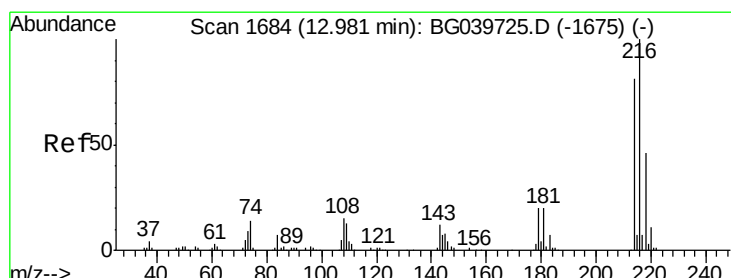
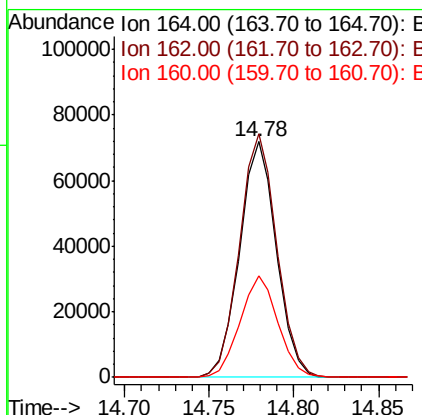
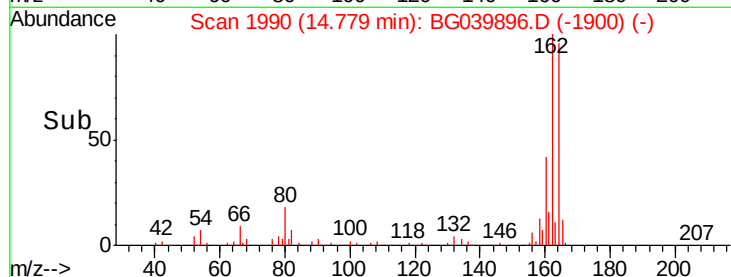
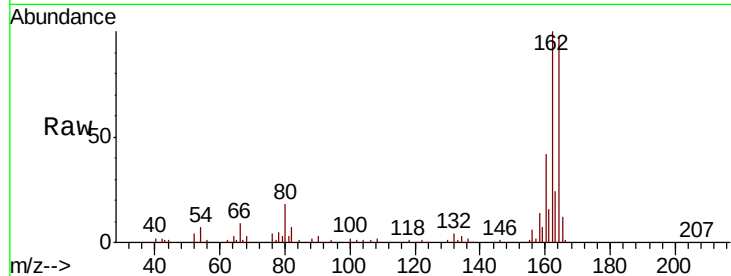
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	81.6	122.4	
160	43.0	34.2	51.2	

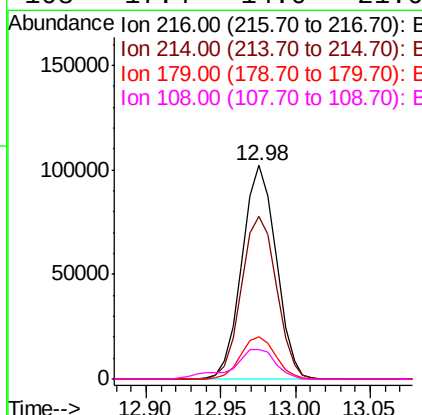
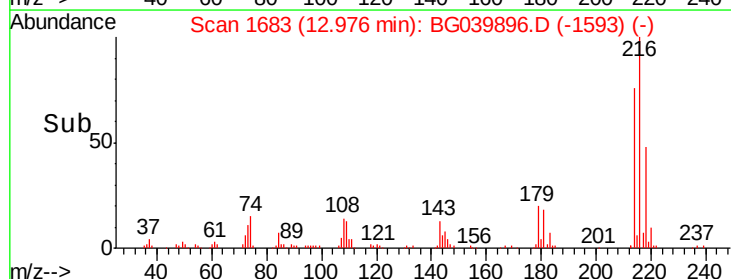
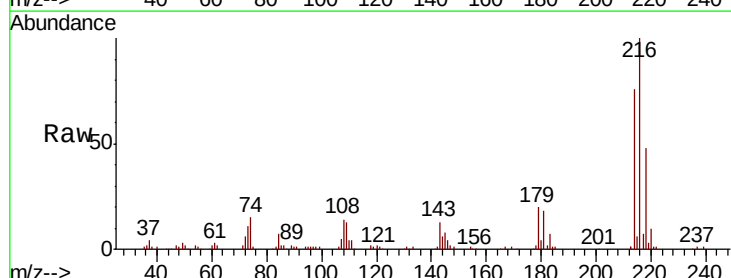
Manual Integrations
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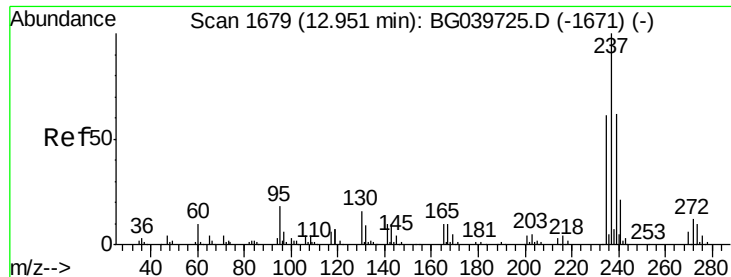
Sohil
3/13/2019 5:49:34 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.043 ng
RT: 12.98 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.1	62.6	94.0	
179	20.2	16.6	25.0	
108	17.4	14.0	21.0	





#41

Hexachlorocyclopentadiene

Concen: 85.336 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Instrument :

BNA_G

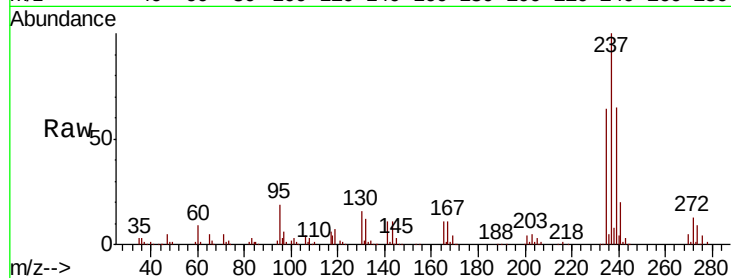
ClientSampleId :

SU-04-031119-AMSD

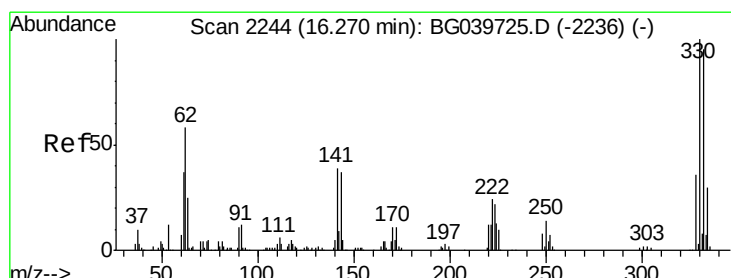
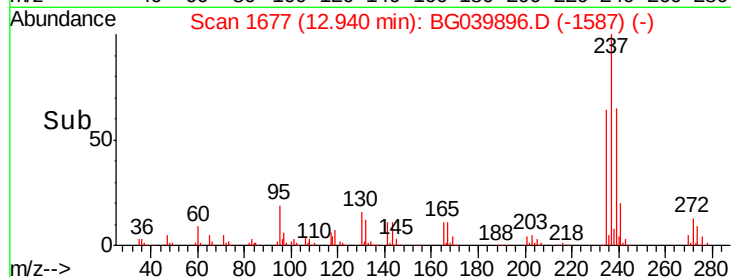
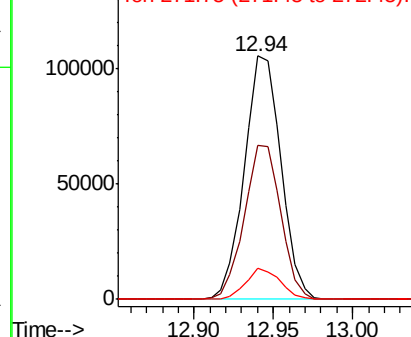
Tot Ion:	237	Resp:	168599
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.3	83.3
272	12.9	0.0	32.3

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 168.267 ng

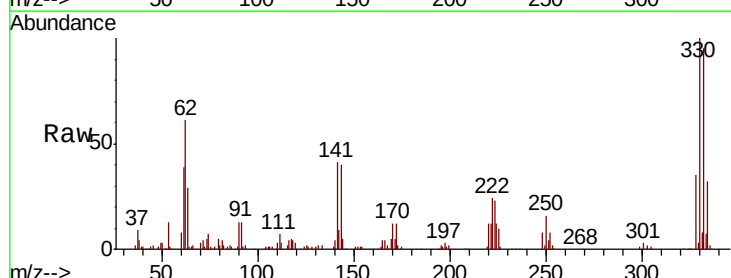
RT: 16.27 min Scan# 2243

Delta R.T. -0.00 min

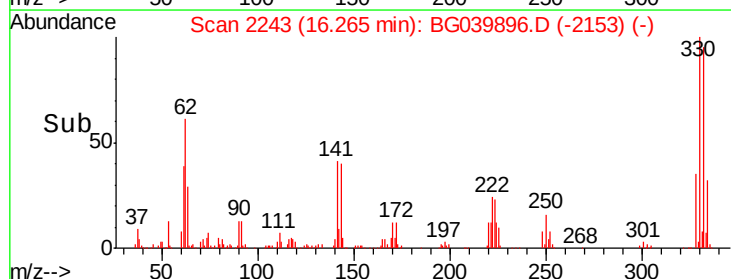
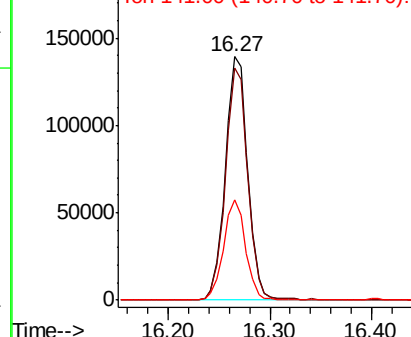
Lab File: BG039896.D

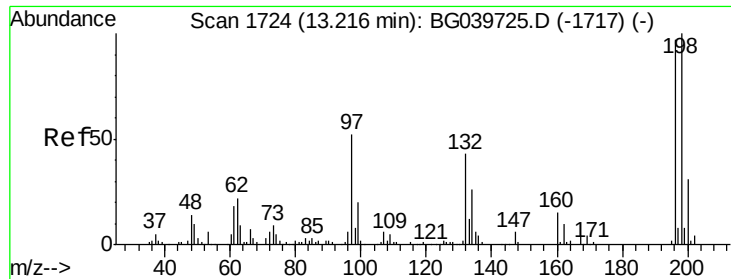
Acq: 13 Mar 2019 6:07

Tgt Ion:	330	Resp:	213434
Ion Ratio	Lower	Upper	
330	100		
332	95.0	75.7	113.5
141	40.3	35.6	53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





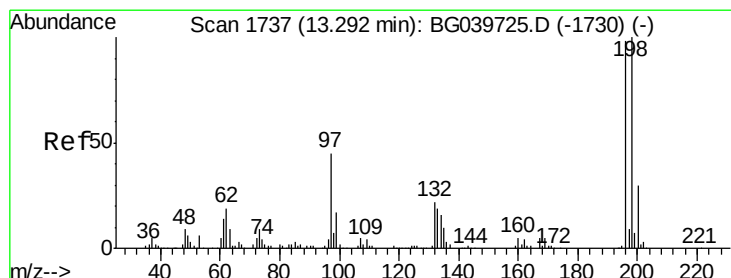
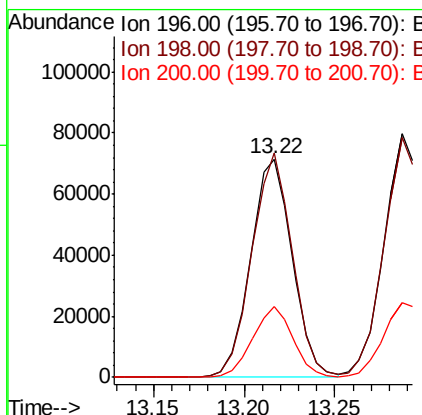
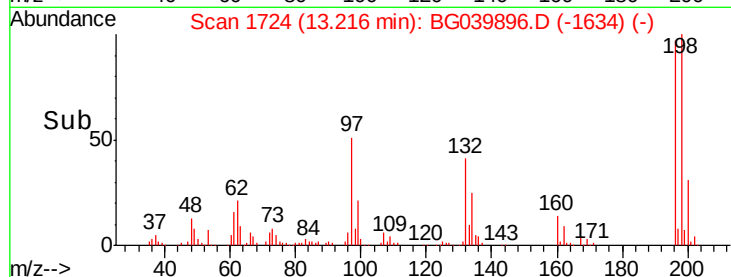
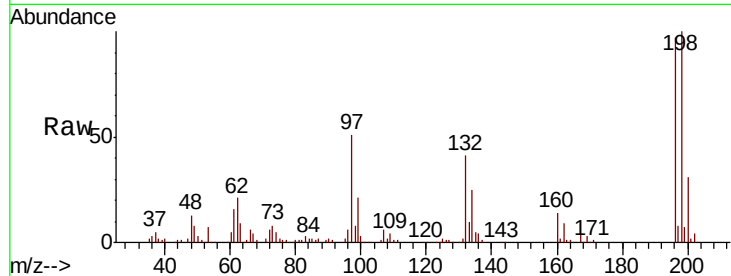
#43
 2,4,6-Trichlorophenol
 Concen: 52.734 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-031119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	113821		
198	102.9	80.6	121.0	
200	32.3	26.1	39.1	

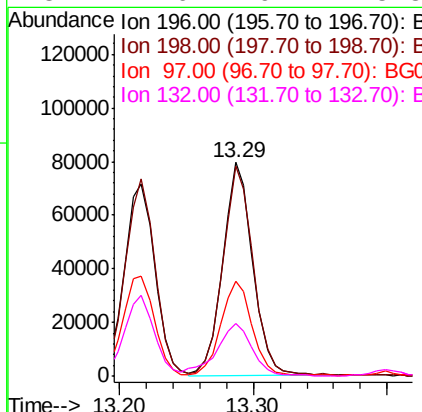
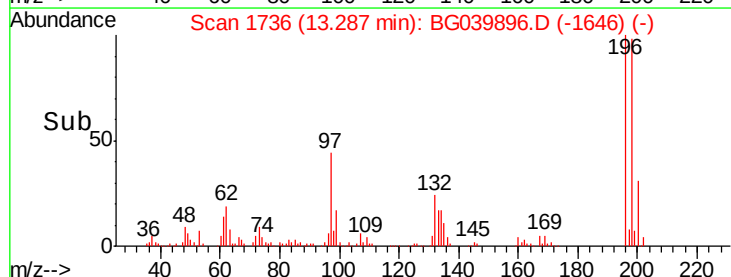
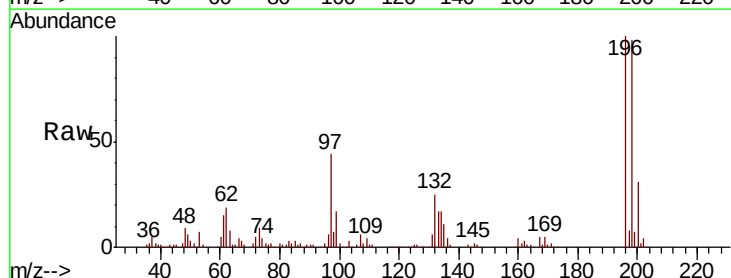
Manual Integrations
 APPROVED

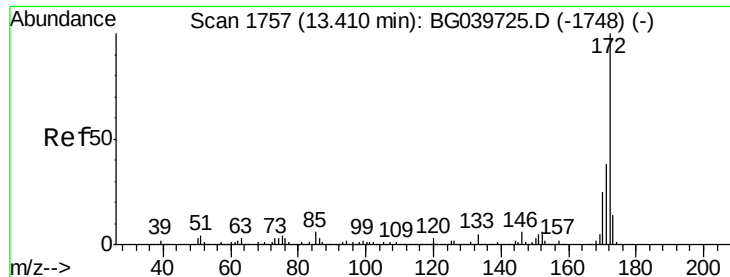
Sohil
 3/13/2019 5:49:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.371 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124981		
198	98.4	78.5	117.7	
97	44.5	38.4	57.6	
132	24.6	19.2	28.8	





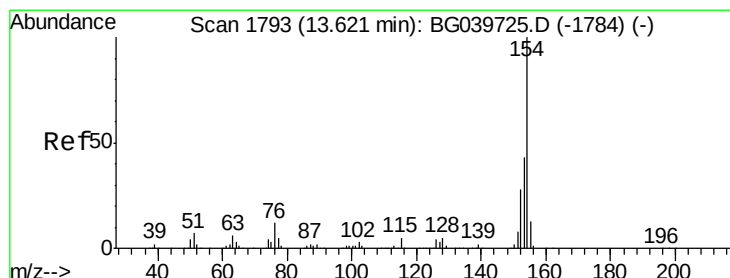
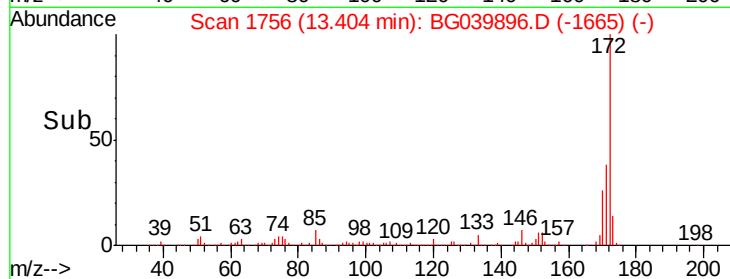
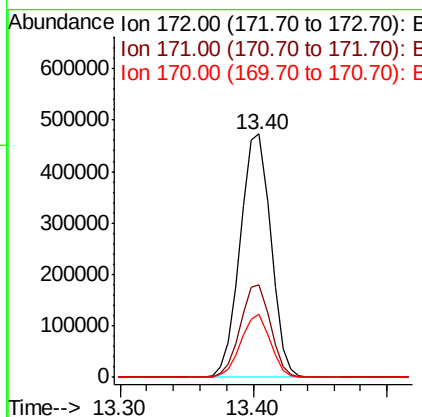
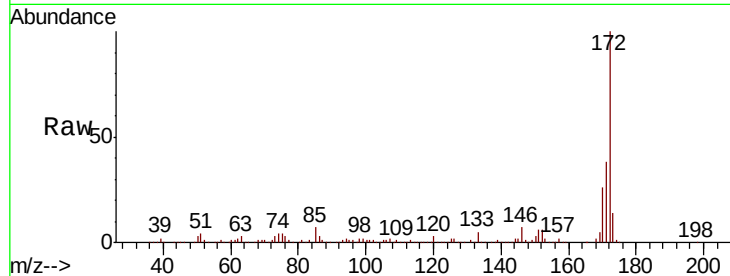
#45
2-Fluorobiphenyl
Concen: 98.218 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.9	20.2	30.4

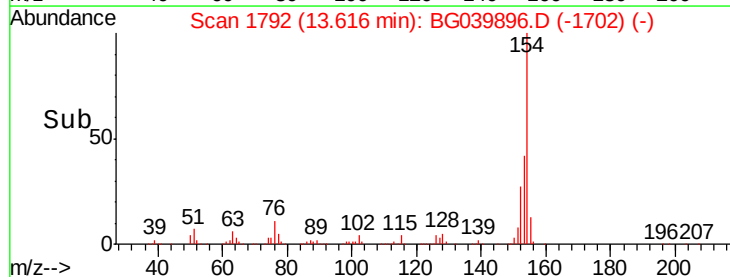
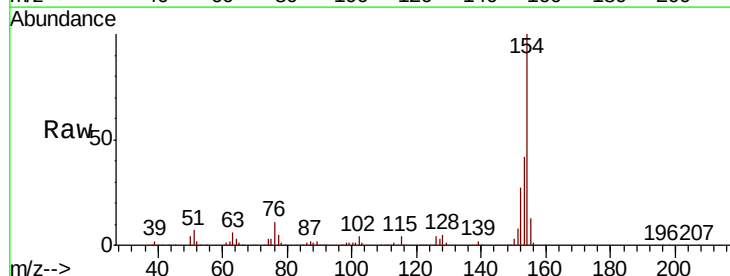
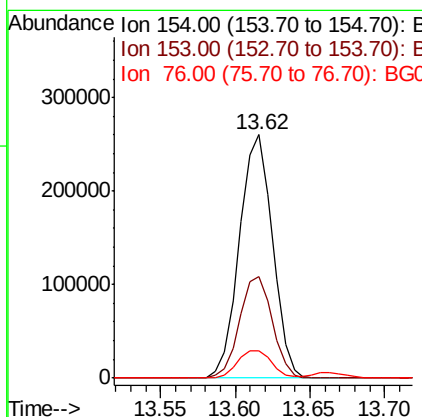
Manual Integrations
APPROVED

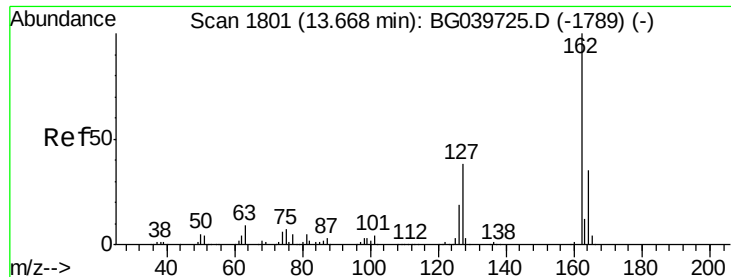
Sohil
3/13/2019 5:49:34 PM



#46
1,1'-Biphenyl
Concen: 44.712 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.1	62.1
76	11.4	0.0	32.4





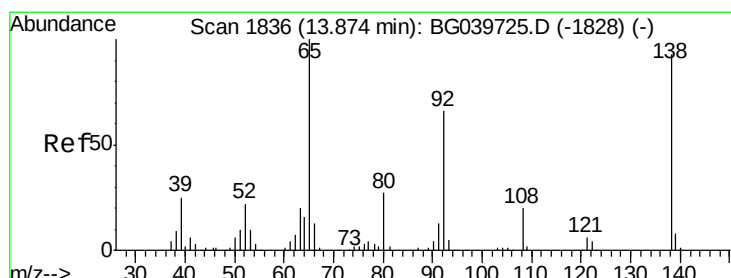
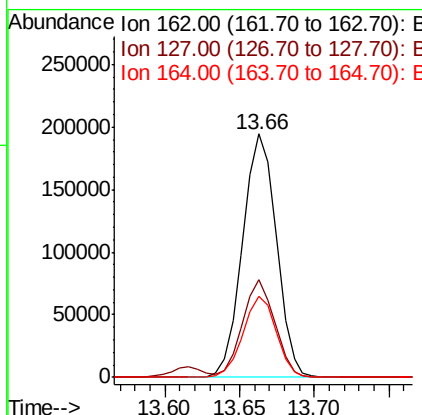
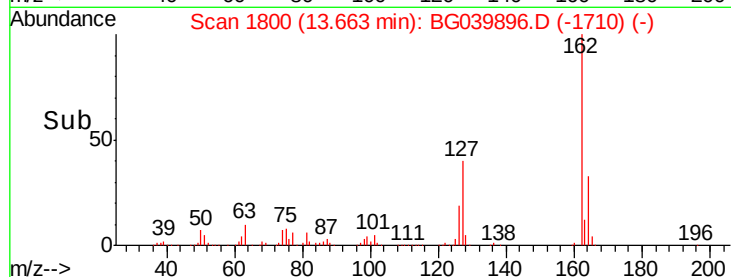
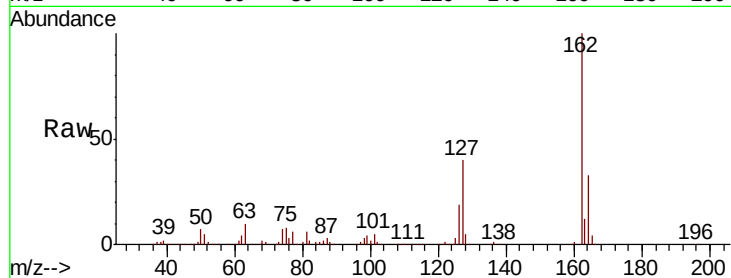
#47
2-Chloronaphthalene
Concen: 45.171 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.0	46.6
164	33.1	25.7	38.5

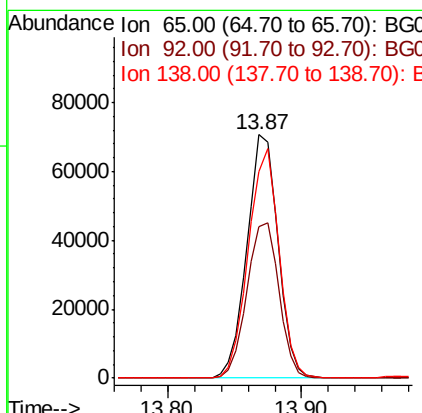
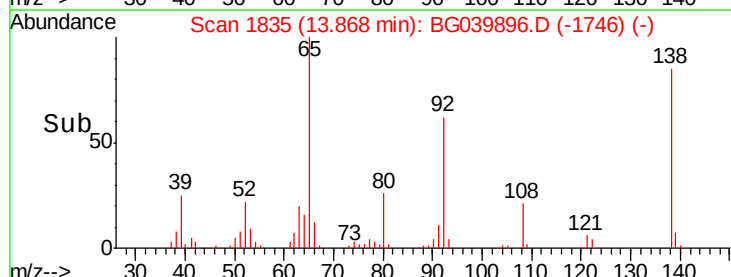
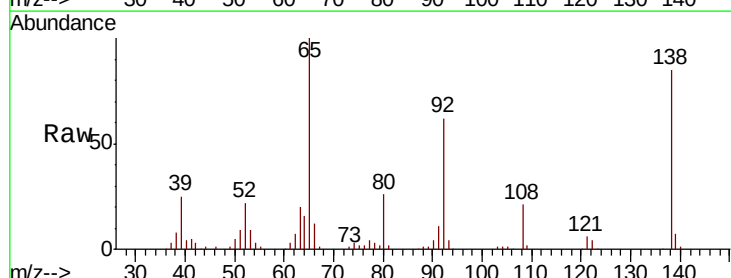
Manual Integrations
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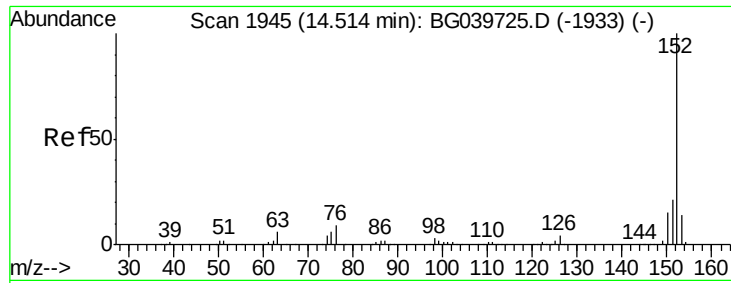
Sohil
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#48
2-Nitroaniline
Concen: 52.556 ng
RT: 13.87 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	51.4	77.2
138	84.8	71.4	107.2





#49

Acenaphthylene

Concen: 44.992 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Instrument :

BNA_G

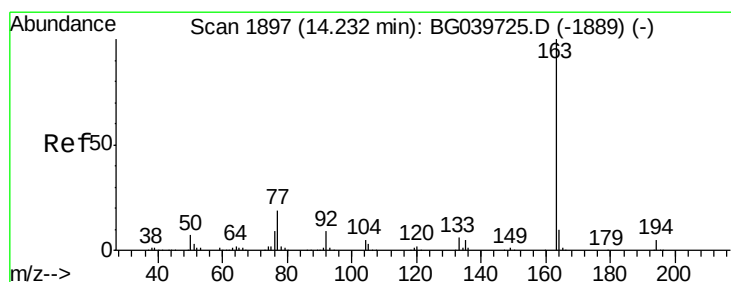
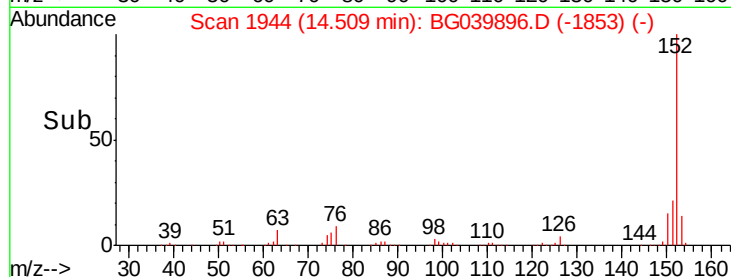
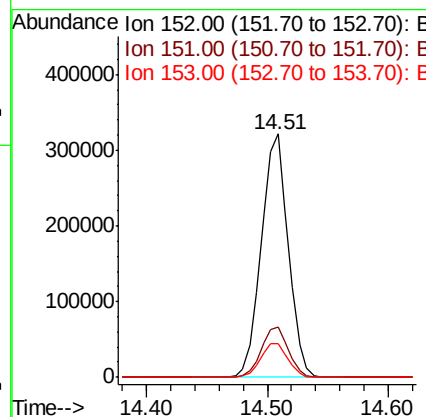
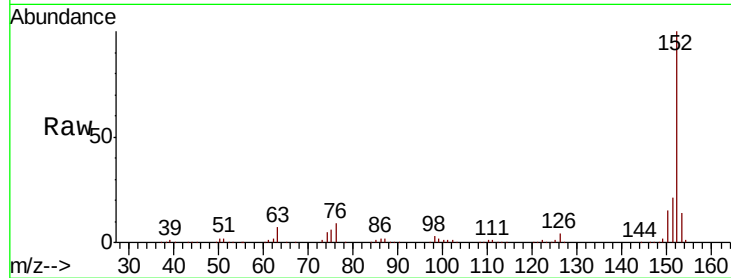
ClientSampleId :

SU-04-031119-AMSD

Tot Ion:	152	Resp:	497331
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.8	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.159 ng

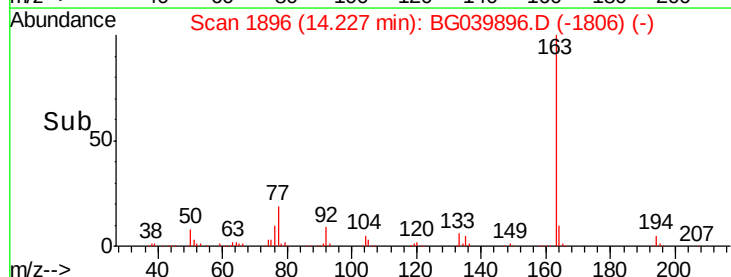
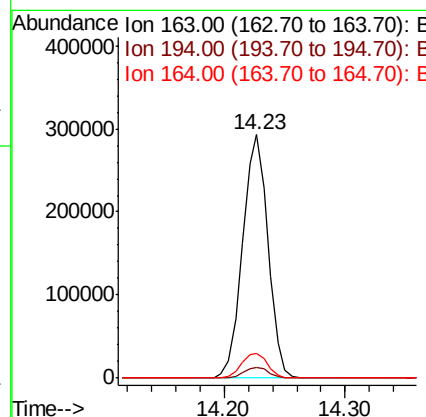
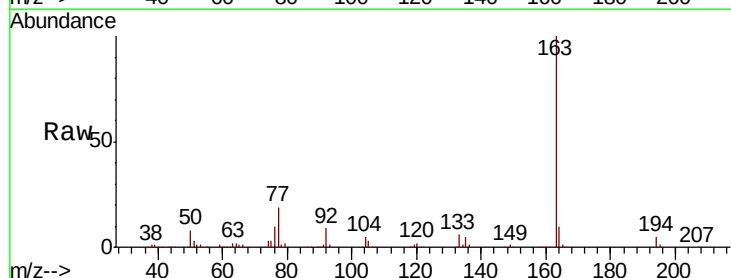
RT: 14.23 min Scan# 1896

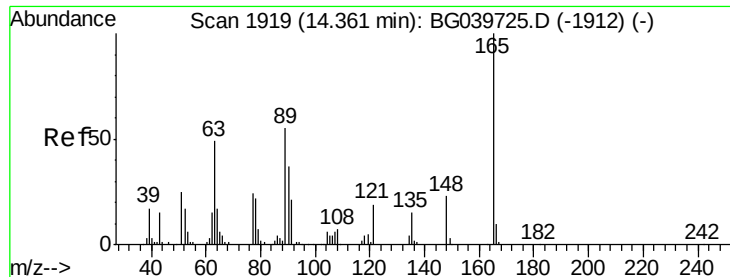
Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Tgt Ion:	163	Resp:	429136
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.3	8.4	12.6





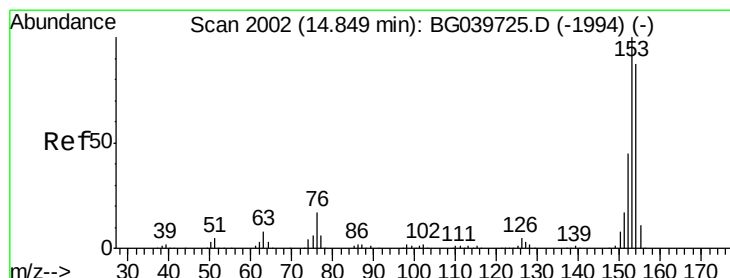
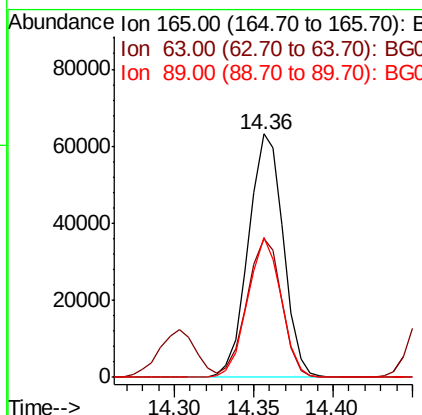
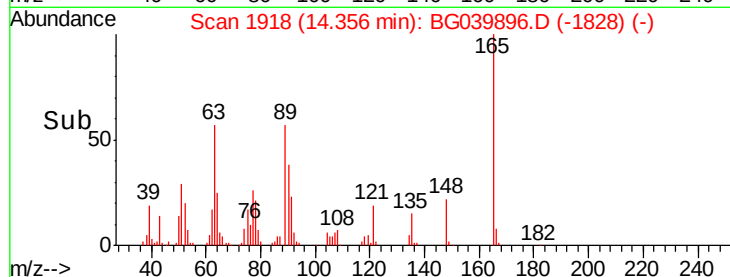
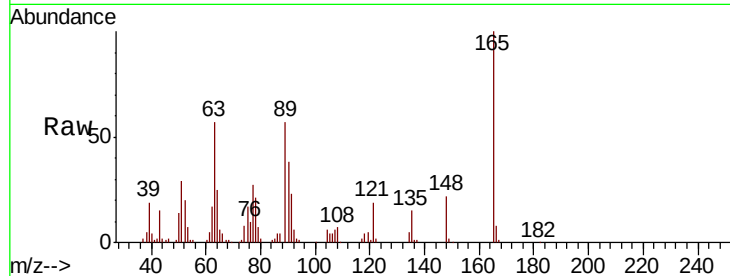
#51
2,6-Dinitrotoluene
Concen: 50.195 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.2	47.0	70.6
89	57.4	45.8	68.8

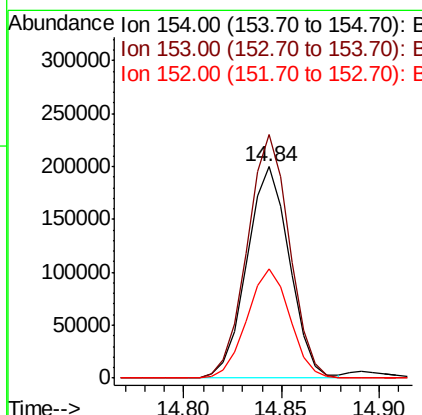
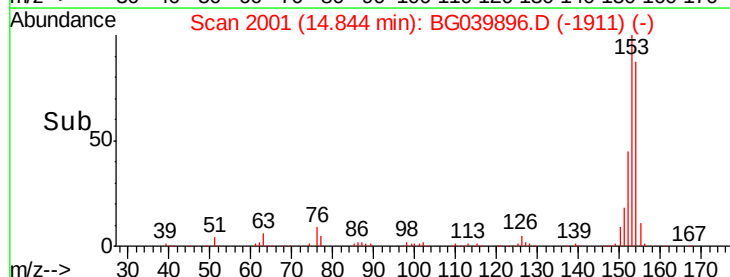
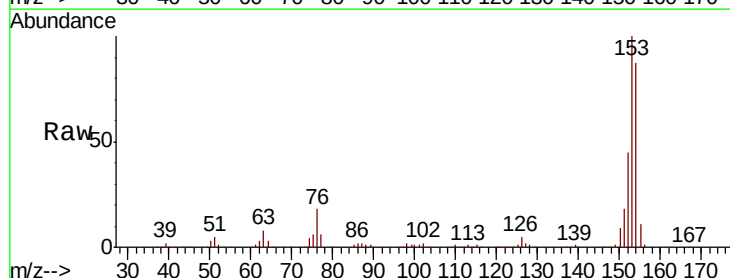
Manual Integrations
APPROVED

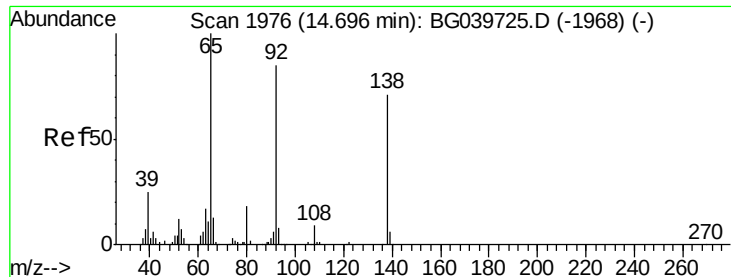
Sohil
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#52
Acenaphthene
Concen: 45.504 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.1	135.1
152	51.9	40.9	61.3





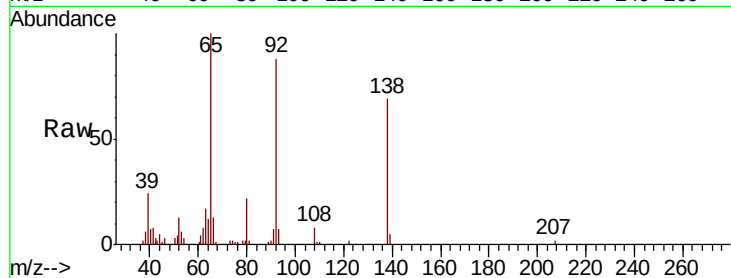
#53
3-Nitroaniline
Concen: 9.235 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	13.8	20.8#
92	127.7	103.7	155.5

Manual Integrations
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3/13/2019 5:49:34 PM

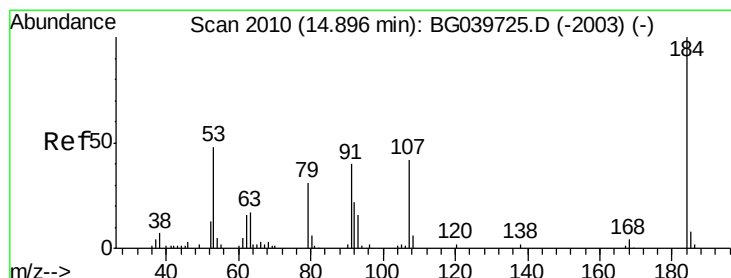
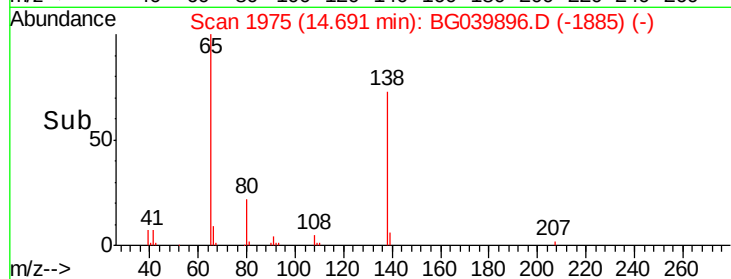
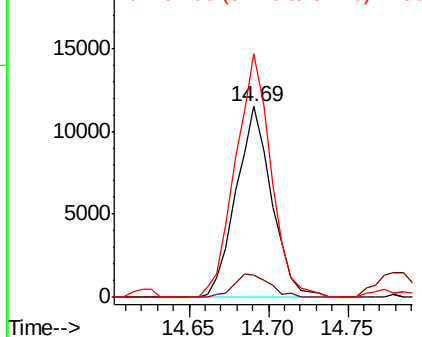


Abundance

Ion 138.00 (137.70 to 138.70): E

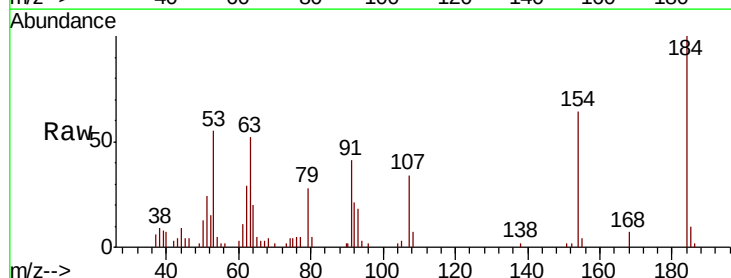
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 17.501 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.7	50.9	76.3
154	63.6	53.0	79.6

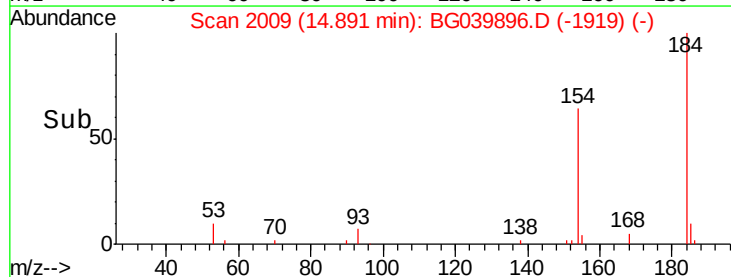
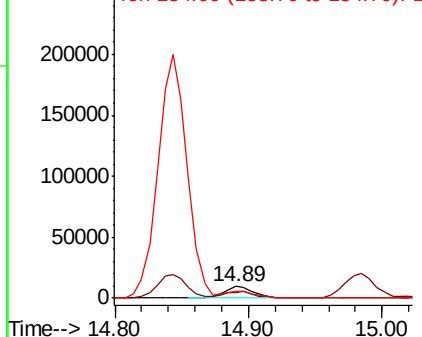


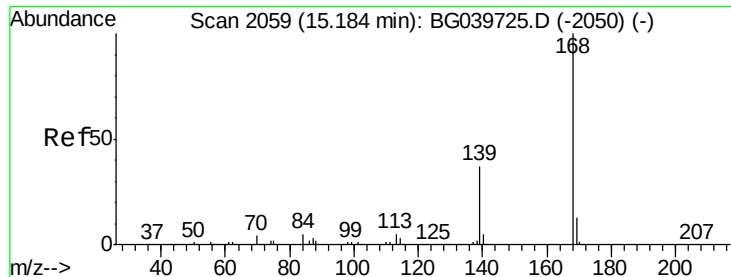
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





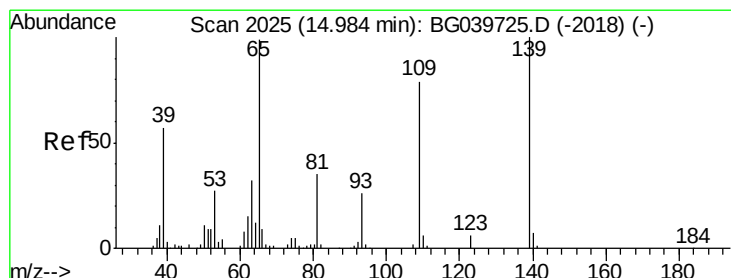
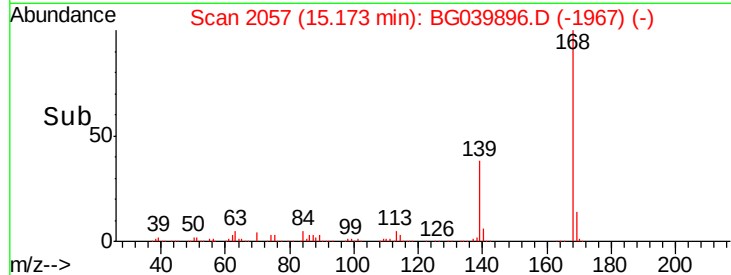
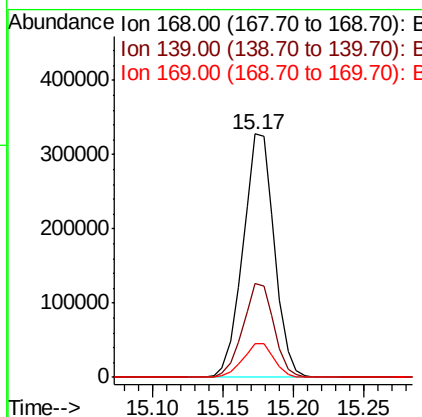
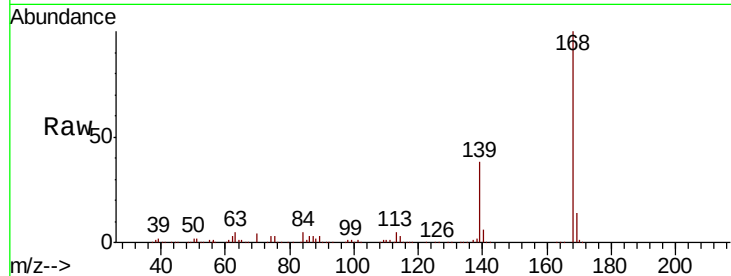
#55
Dibenzenofuran
Concen: 46.472 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	507258		
139	38.3		30.1	45.1
169	13.6		10.6	16.0

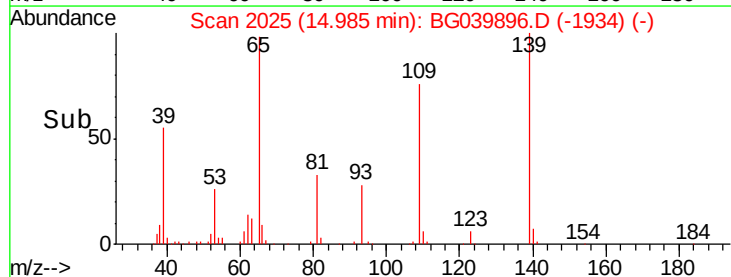
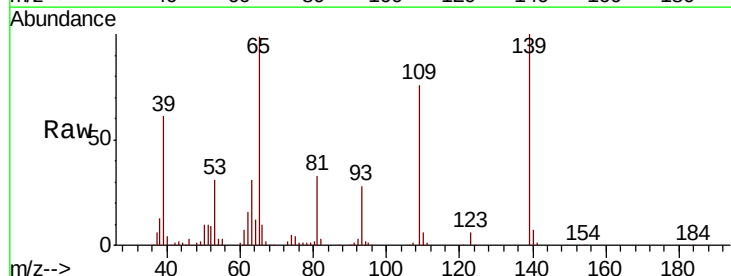
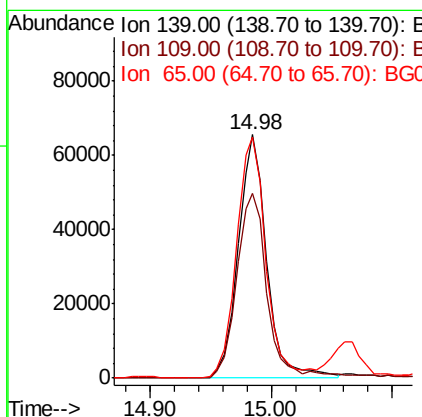
Manual Integrations
APPROVED

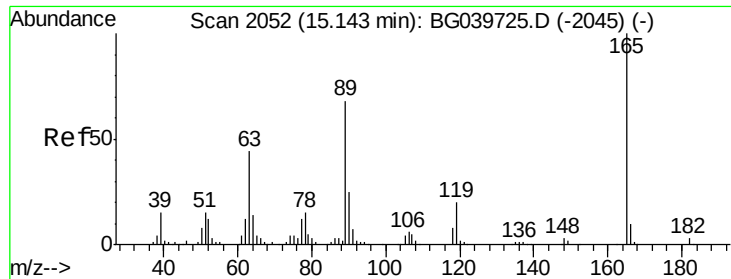
Sohil
3/13/2019 5:49:34 PM



#56
4-Nitrophenol
Concen: 61.915 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	107405		
109	75.8		61.9	101.9
65	99.1		99.1	139.1#





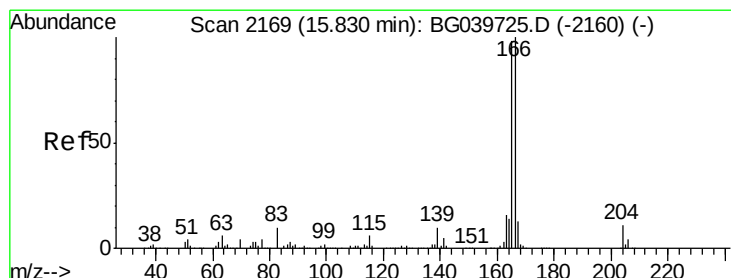
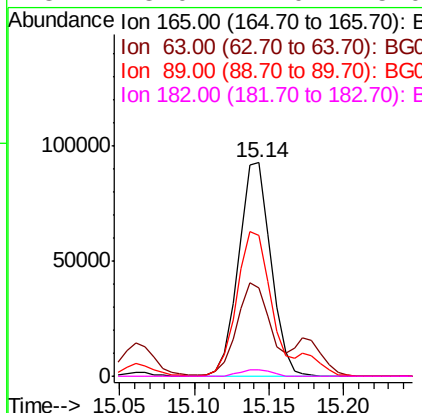
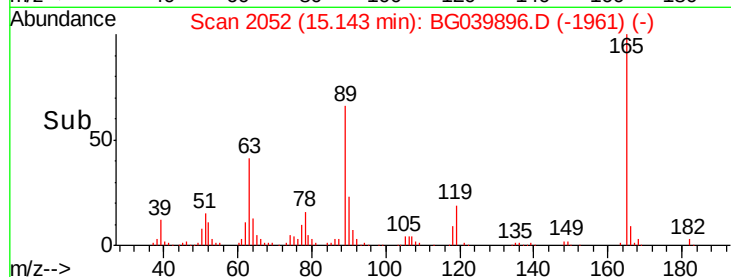
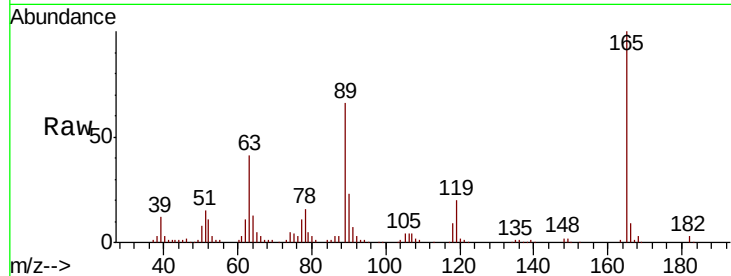
#57
2,4-Dinitrotoluene
Concen: 51.323 ng
RT: 15.14 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	139118		
63	41.1	41.0	61.6	
89	66.2	64.6	96.8	
182	3.0	2.0	3.0	

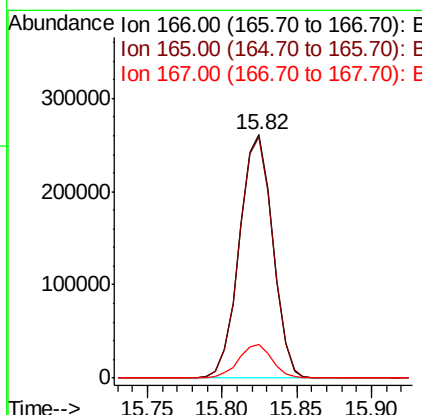
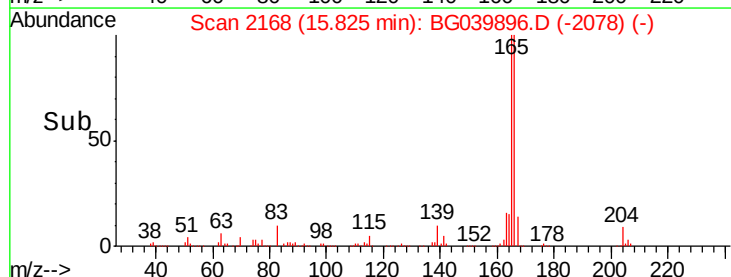
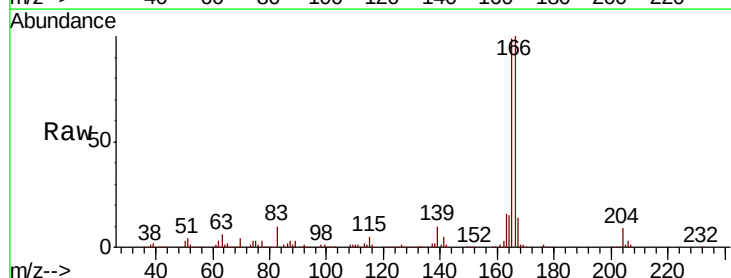
Manual Integrations
APPROVED

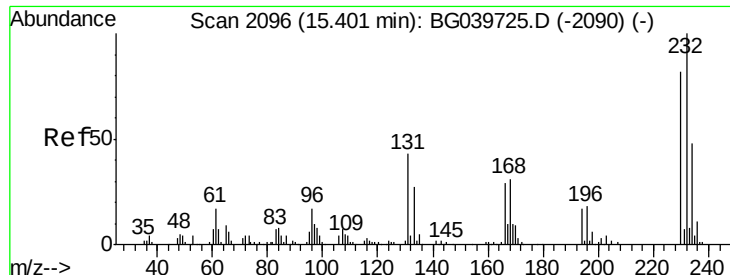
Sohil
3/13/2019 5:49:34 PM



#58
Fluorene
Concen: 47.000 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	403307		
165	98.8	77.9	116.9	
167	14.0	10.8	16.2	





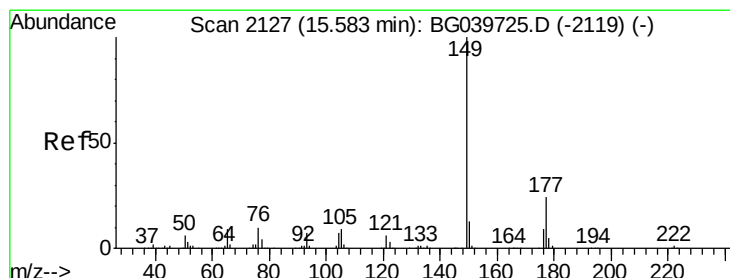
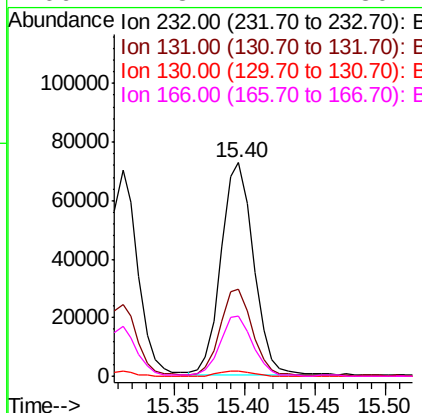
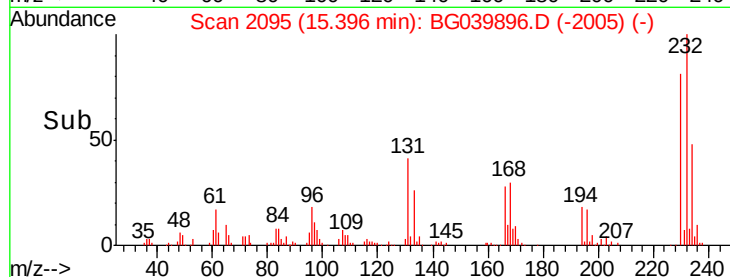
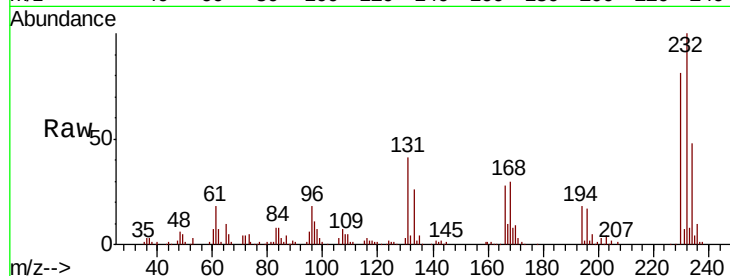
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.355 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-031119-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		117269		
131	40.3		34.9	52.3	
130	2.5		2.0	3.0	
166	27.8		24.1	36.1	

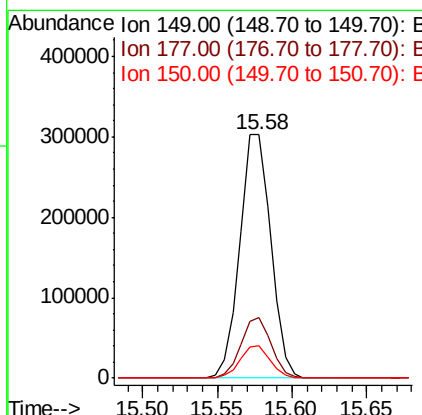
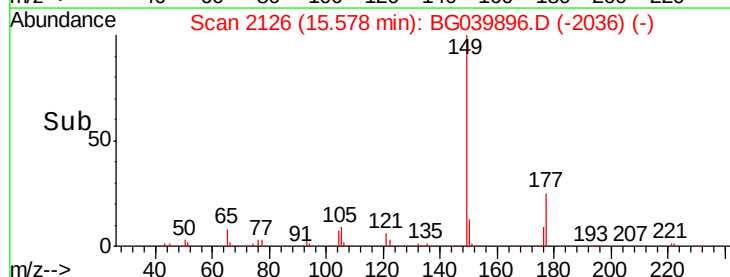
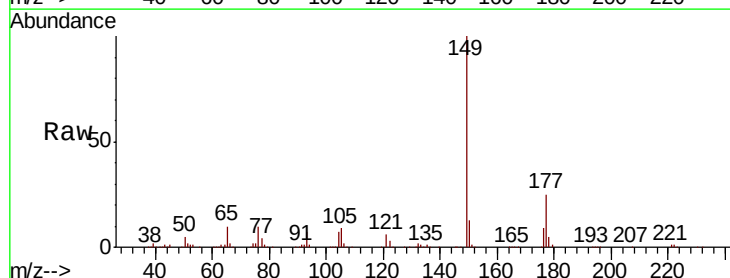
Manual Integrations
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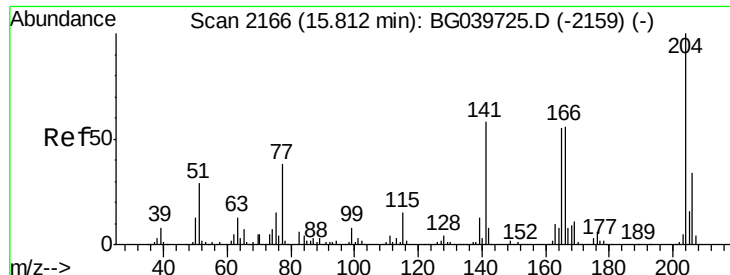
Sohil
 3/13/2019 5:49:34 PM



#60
 Diethylphthalate
 Concen: 48.467 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		436594		
177	24.8		18.3	27.5	
150	13.2		10.2	15.2	





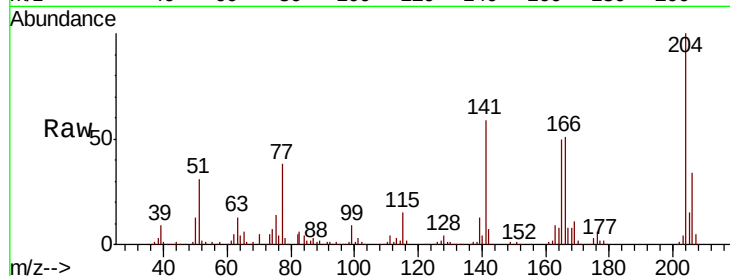
#61
4-Chlorophenyl-phenylether
Concen: 46.577 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	29.2	43.8
141	59.2	49.0	73.4

Manual Integrations
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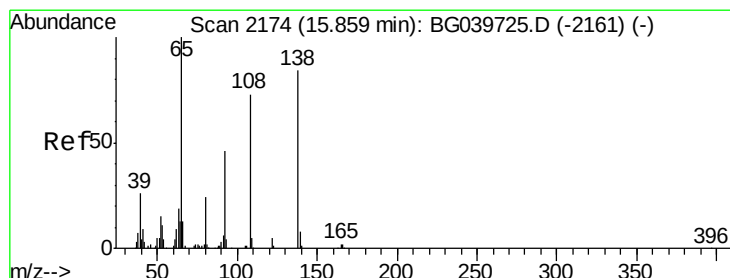
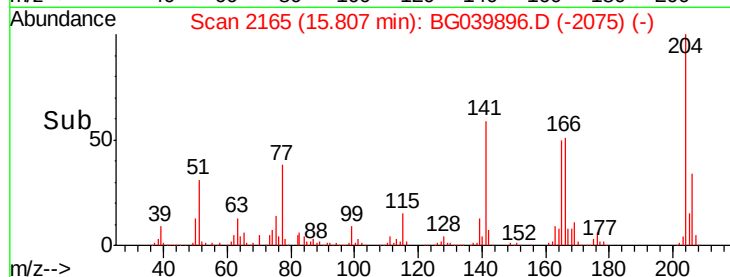
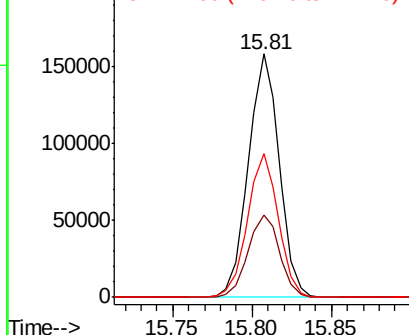


Abundance

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: 45.839 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

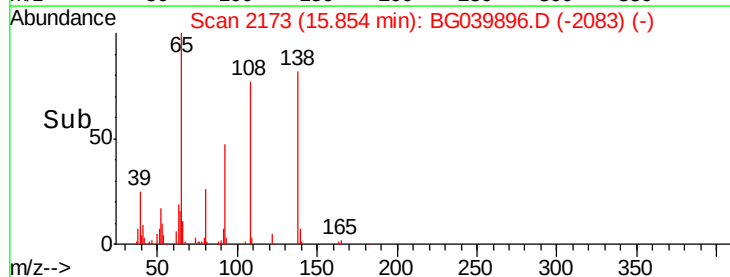
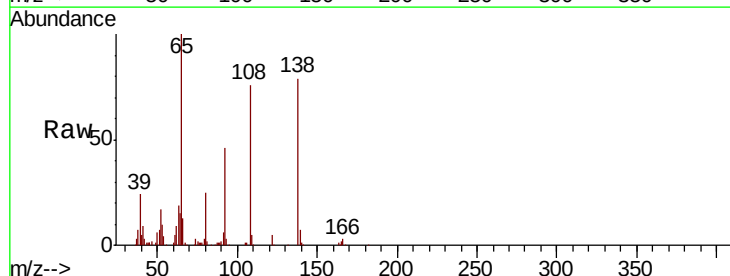
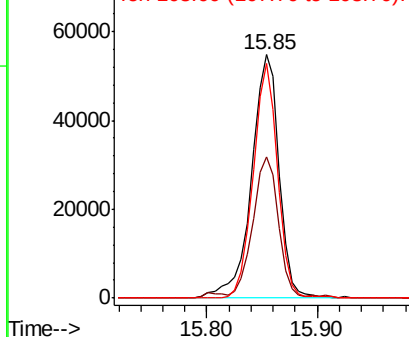
Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.9	38.7	78.7
108	96.2	74.6	114.6

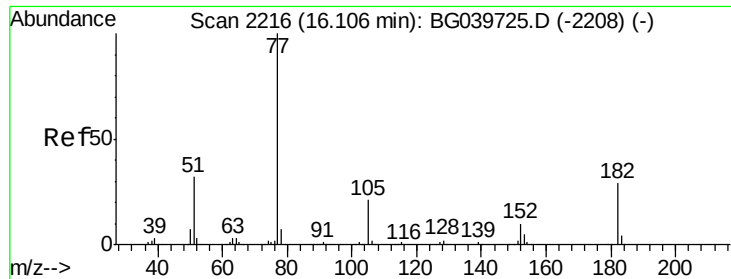
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





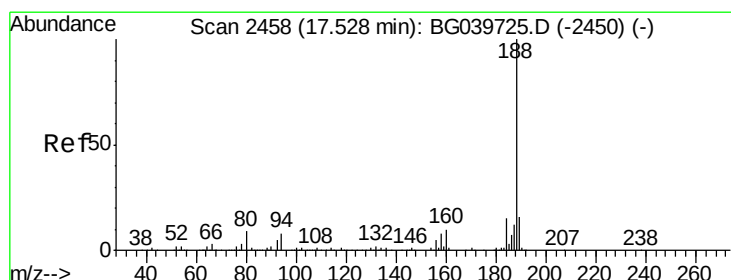
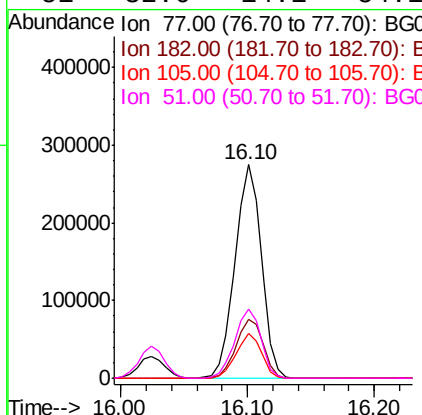
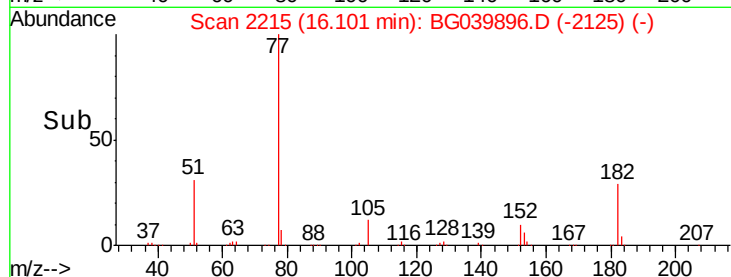
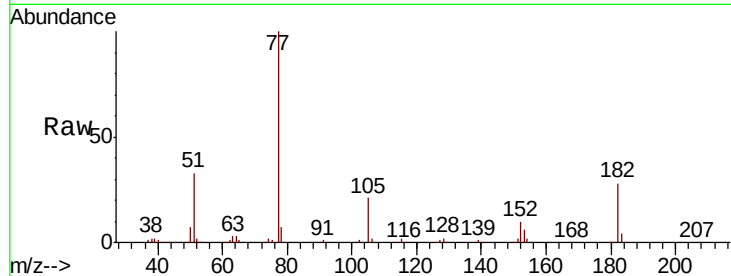
#63
Azobenzene
Concen: 48.252 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.7	6.4	46.4	
105	21.2	0.0	39.8	
51	32.6	14.1	54.1	

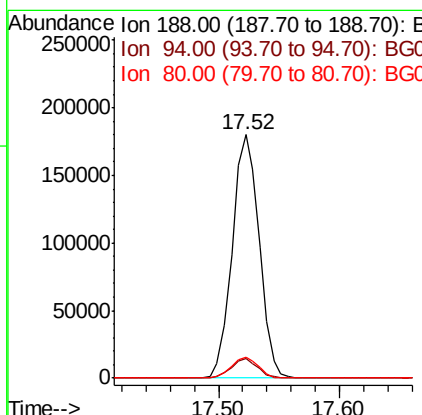
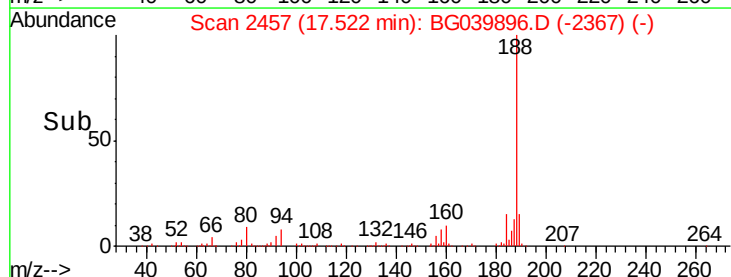
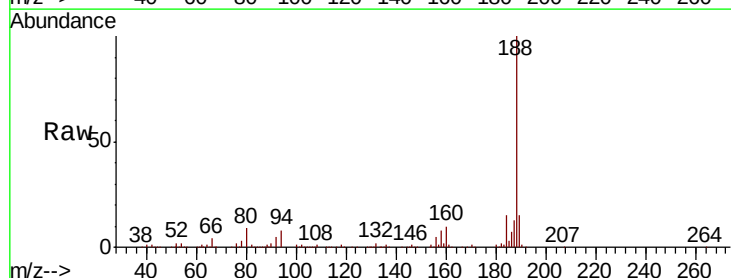
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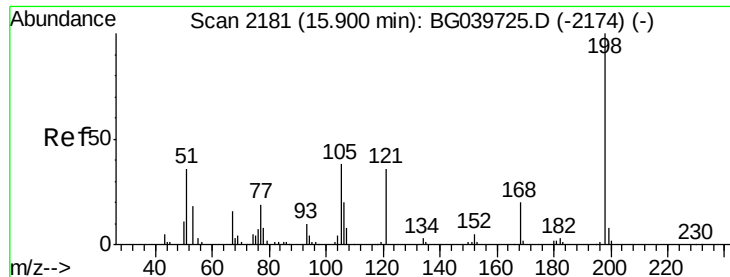
Sohil
3/13/2019 5:49:34 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	6.9	10.3	
80	8.6	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 14.226 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Instrument :

BNA_G

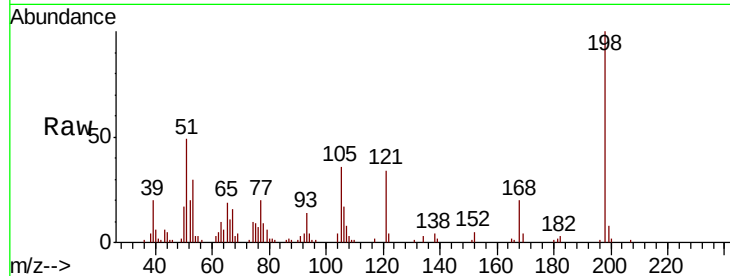
ClientSampleId :

SU-04-031119-AMSD

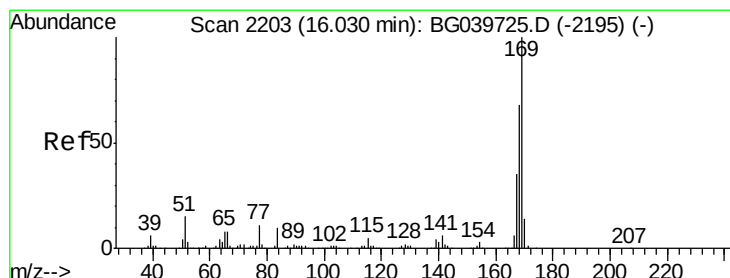
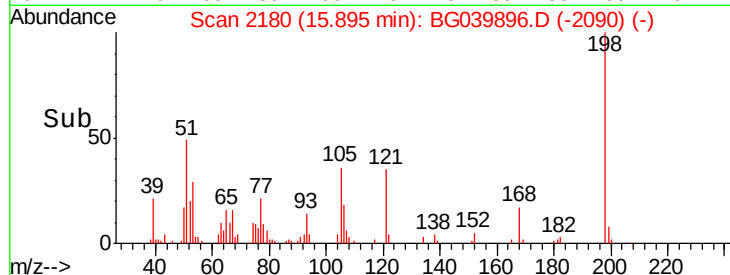
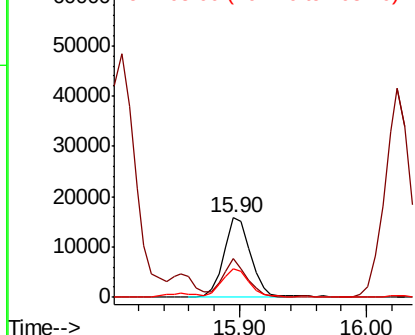
Tot Ion:	198	Resp:	23517
Ion Ratio	Lower	Upper	
198	100		
51	48.6	27.4	67.4
105	35.6	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 46.338 ng

RT: 16.02 min Scan# 2202

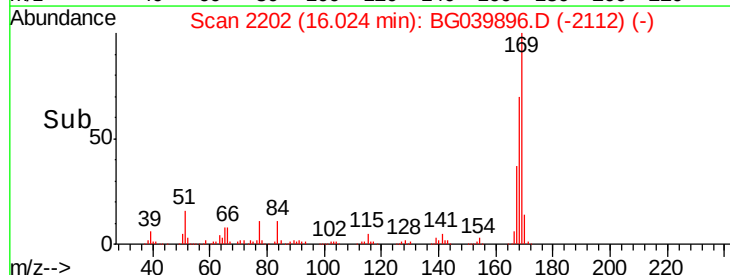
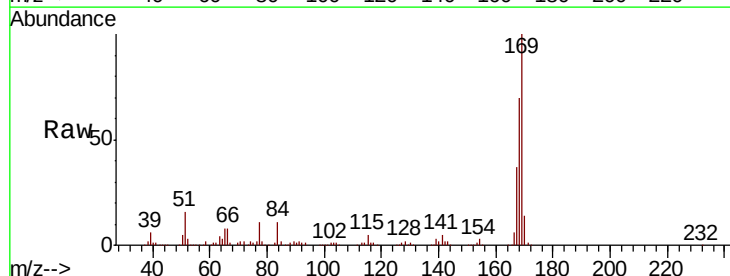
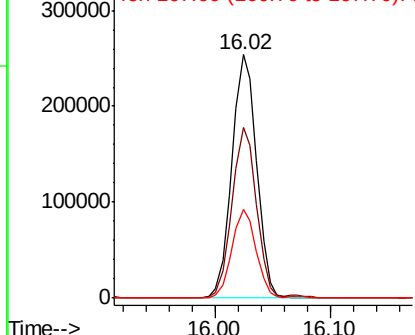
Delta R.T. -0.00 min

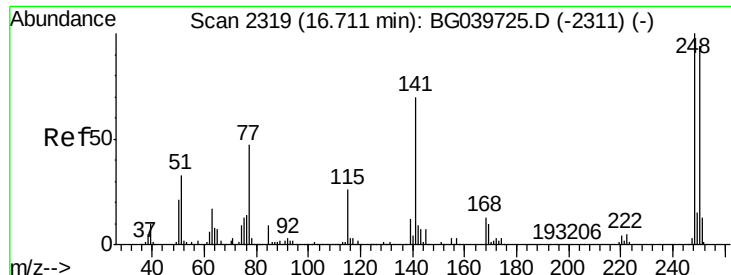
Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Tgt Ion:	169	Resp:	375077
Ion Ratio	Lower	Upper	
169	100		
168	69.9	56.6	85.0
167	36.7	28.8	43.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





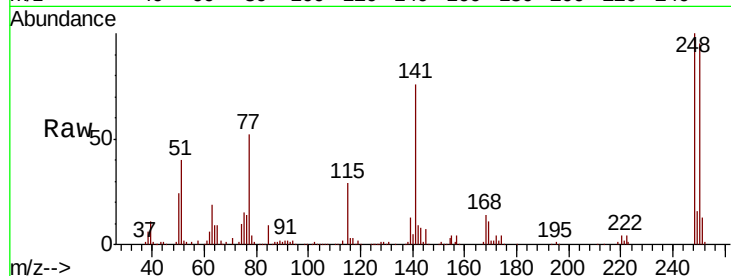
#67
4-Bromophenyl-phenylether
Concen: 45.261 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.6	116.4
141	76.0	63.9	95.9

Manual Integrations
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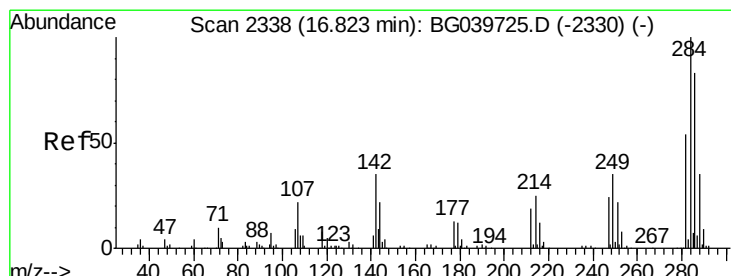
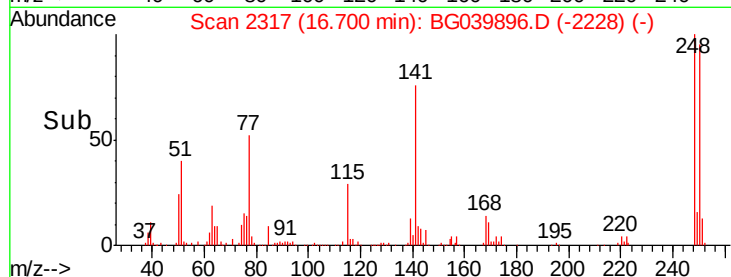
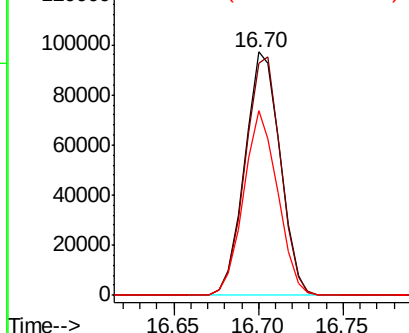


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.183 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

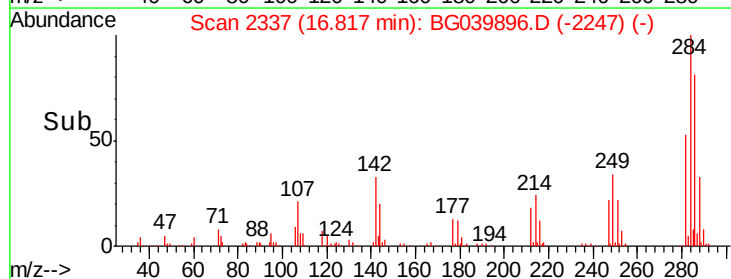
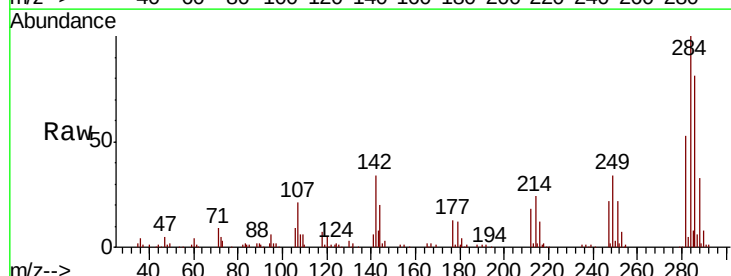
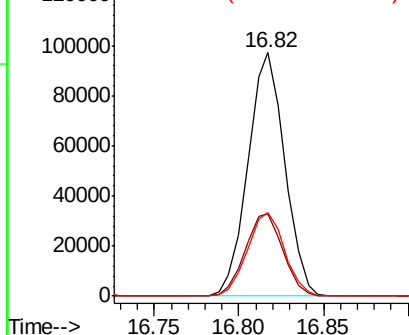
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	30.6	45.8
249	34.2	28.2	42.2

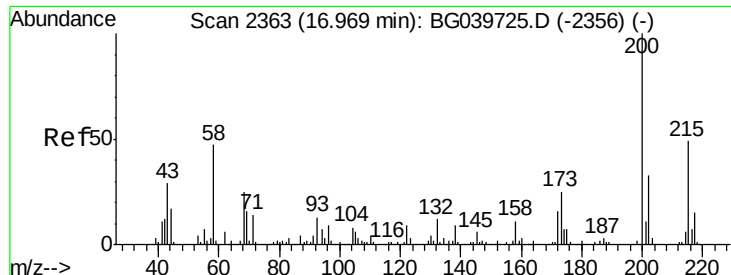
Abundance

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





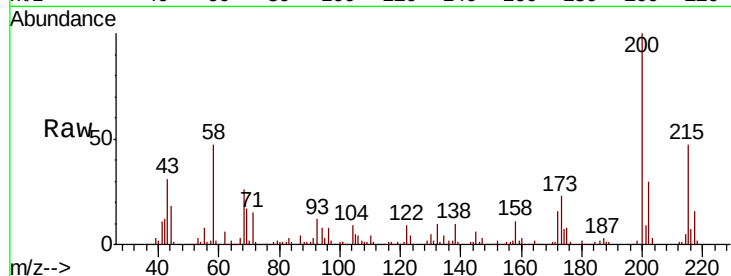
#69
 Atrazine
 Concen: 47.652 ng
 RT: 16.96 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-031119-AMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.3	3.9	43.9
215	47.5	30.9	70.9

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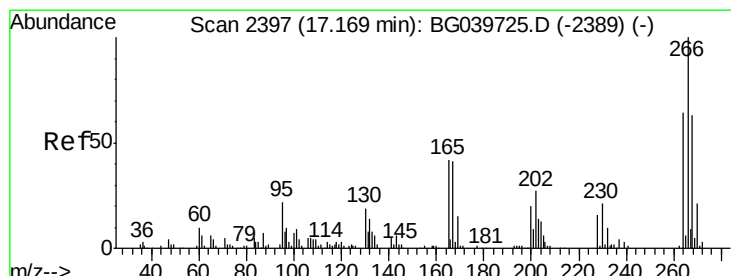
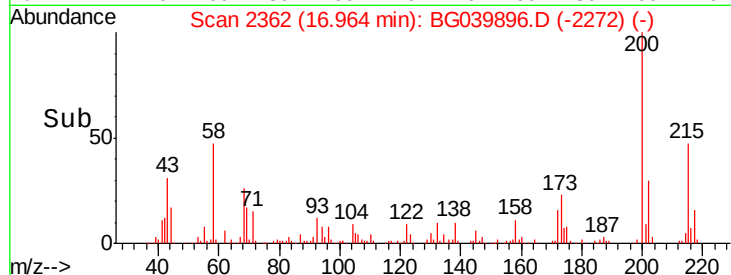
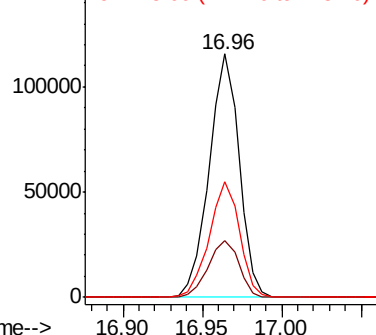


Abundance

Ion 200.00 (199.70 to 200.70): E

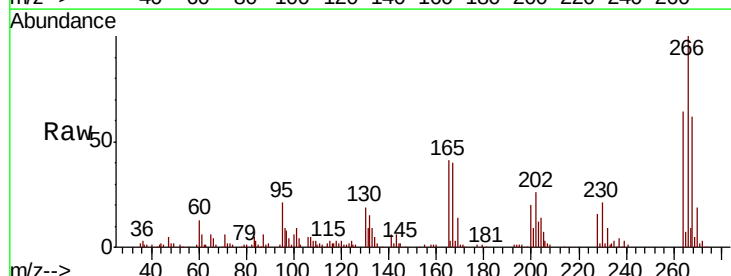
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 39.261 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.8	51.1	76.7
264	64.1	52.1	78.1

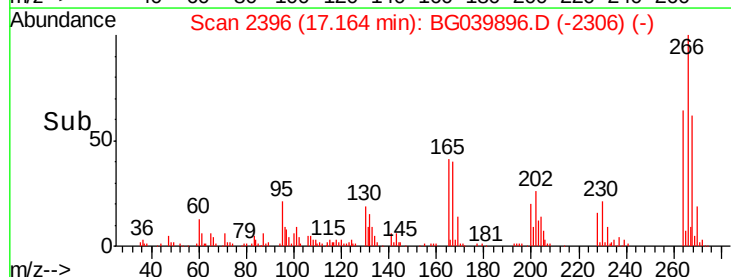
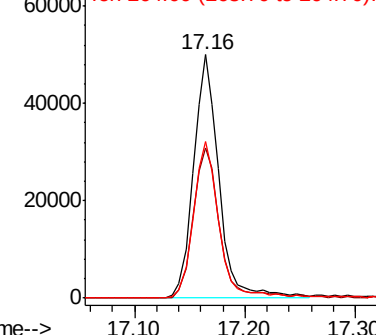


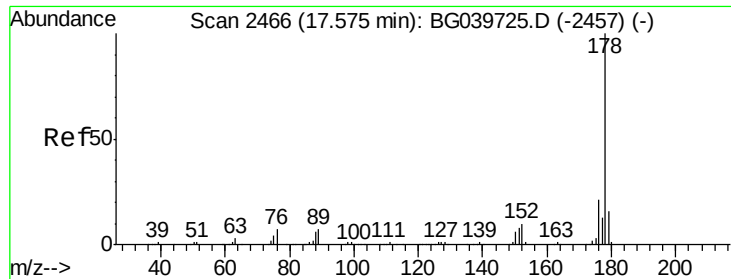
Abundance

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





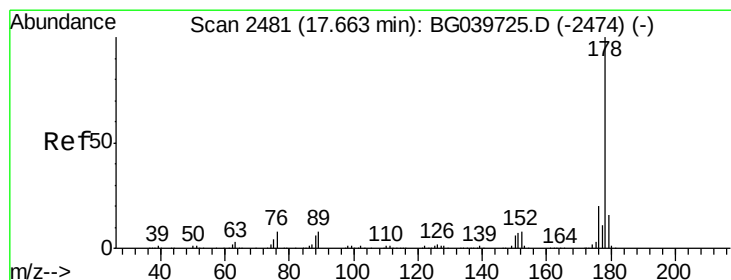
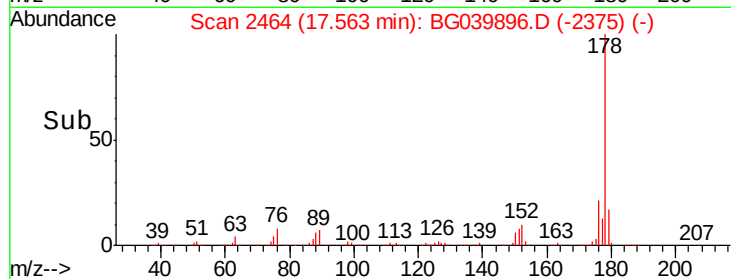
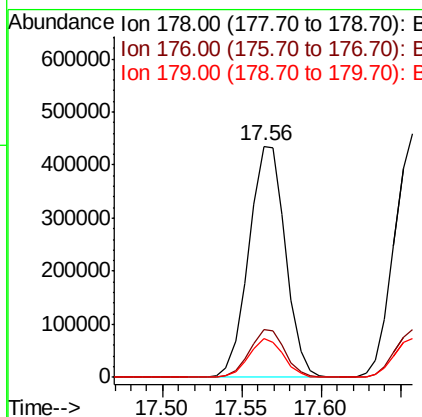
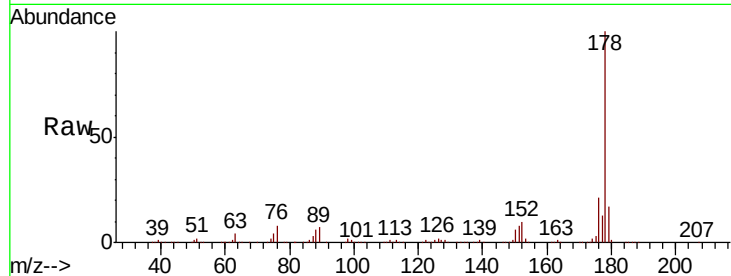
#71
Phenanthrene
Concen: 45.288 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.6	12.6	19.0

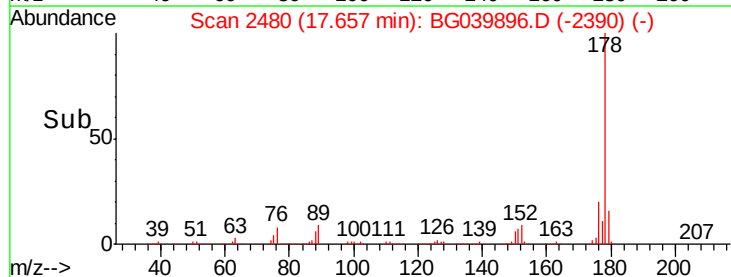
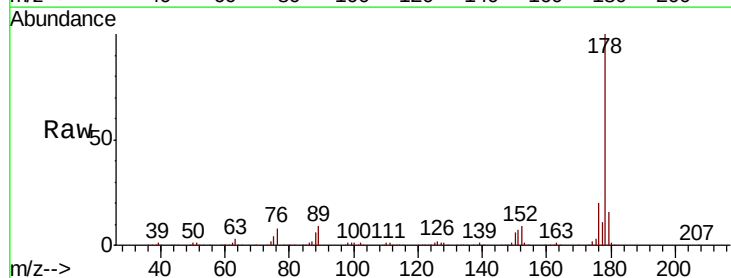
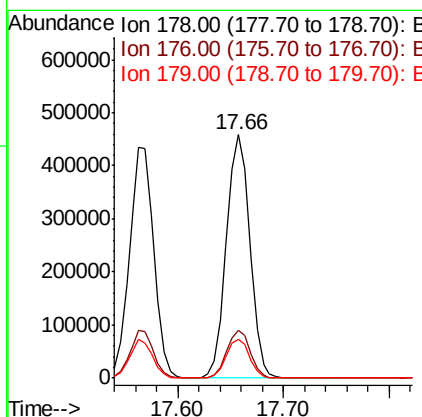
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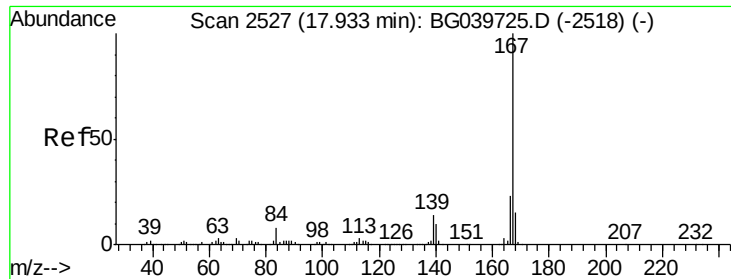
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#72
Anthracene
Concen: 46.907 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	16.1	12.5	18.7





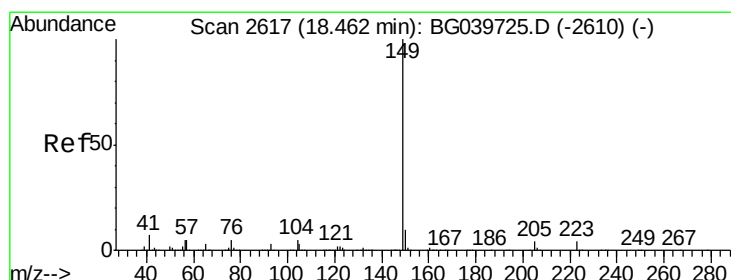
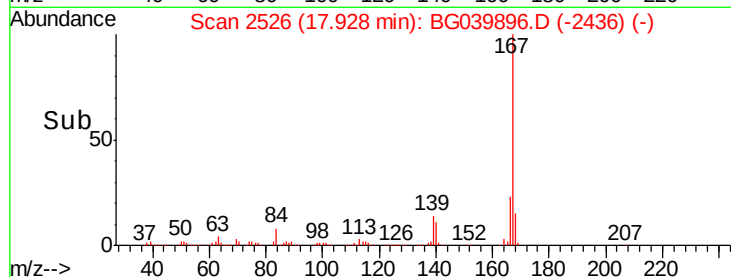
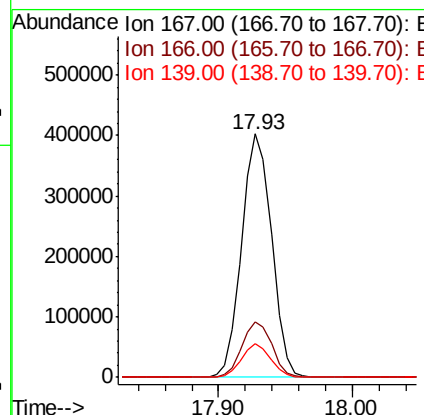
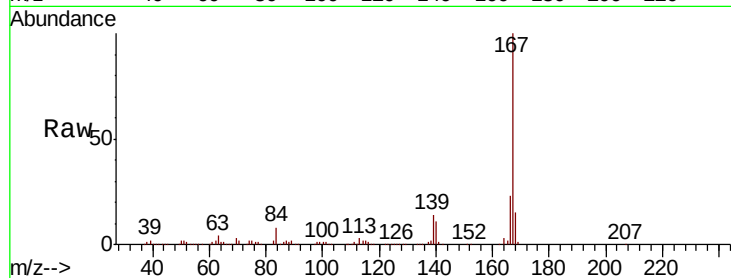
#73
 Carbazole
 Concen: 46.096 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.4	29.2
139	13.6	10.8	16.2

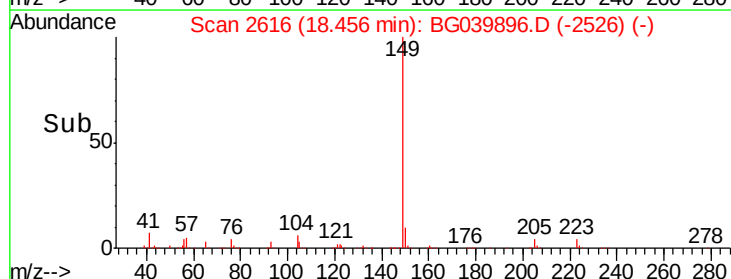
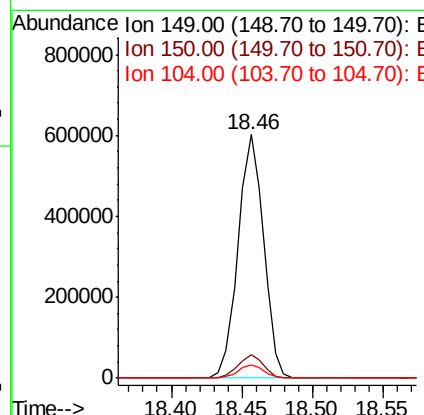
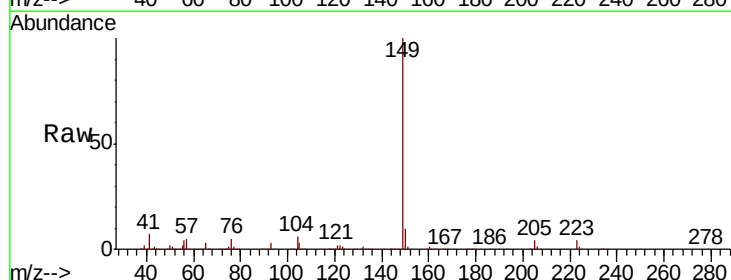
Manual Integrations
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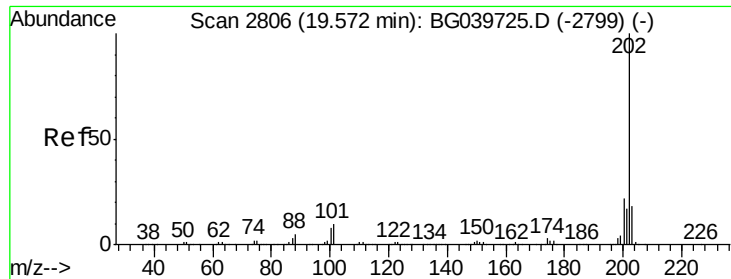
Sohil
 3/13/2019 5:49:34 PM



#74
 Di-n-butylphthalate
 Concen: 47.602 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.00 min
 Lab File: BG039896.D
 Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 45.724 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Instrument :

BNA_G

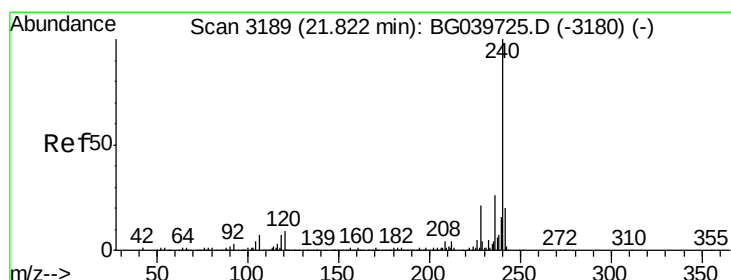
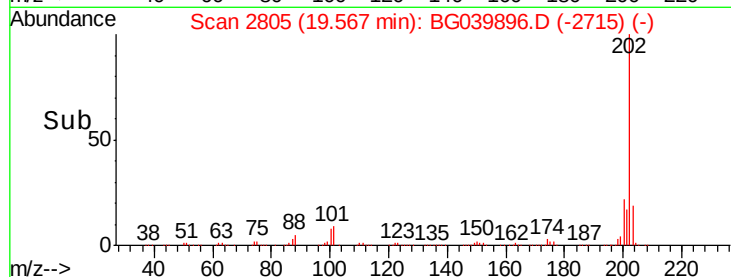
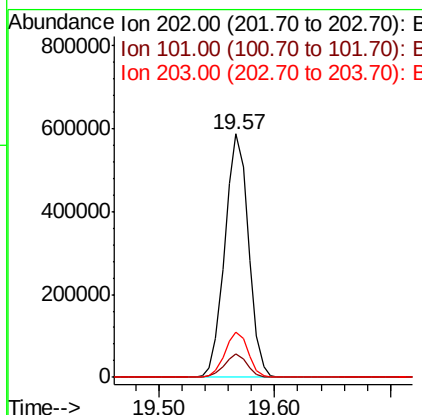
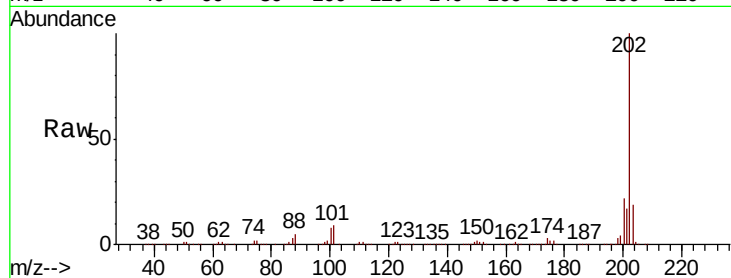
ClientSampleId :

SU-04-031119-AMSD

Tot Ion:	202	Resp:	832204
Ion Ratio		Lower	Upper
202	100		
101	9.5	0.0	30.0
203	18.7	0.0	38.9

Manual Integrations
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Sohil
3/13/2019 5:49:34 PM



#76

Chrysene-d12

Concen: 20.000 ng

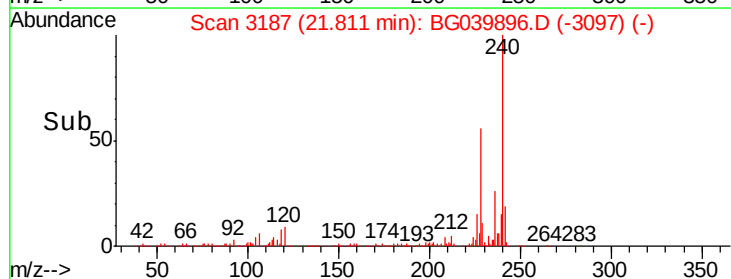
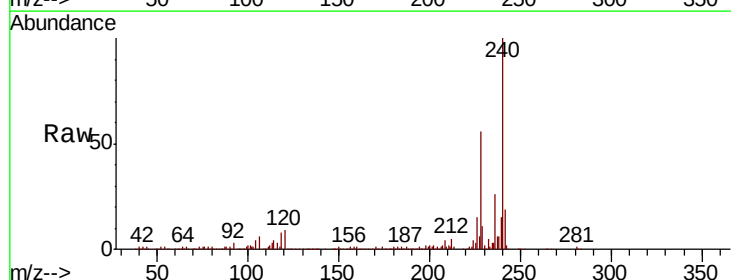
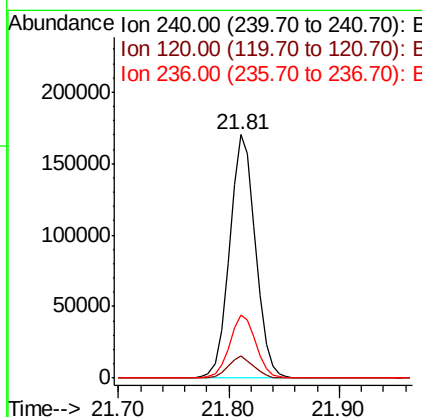
RT: 21.81 min Scan# 3187

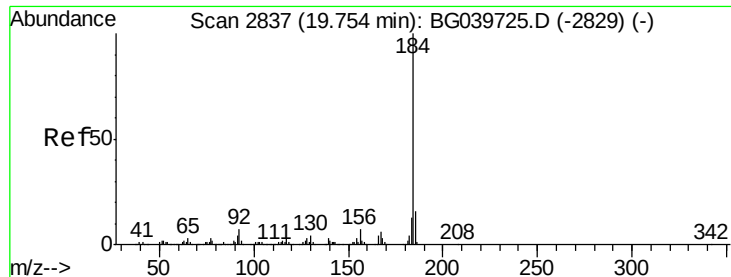
Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Tgt Ion:	240	Resp:	279373
Ion Ratio		Lower	Upper
240	100		
120	9.2	7.0	10.6
236	26.2	21.0	31.4





#77

Benzidine

Concen: 9.512 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Instrument :

BNA_G

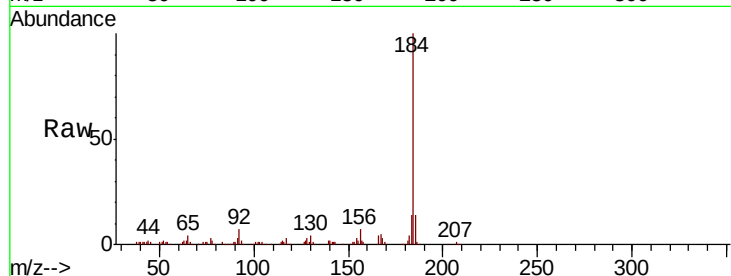
ClientSampleId :

SU-04-031119-AMSD

Tot Ion:	184	Resp:	84328
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.2
183	13.8	10.6	15.8

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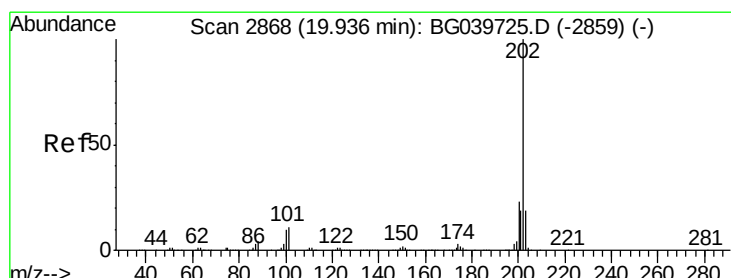
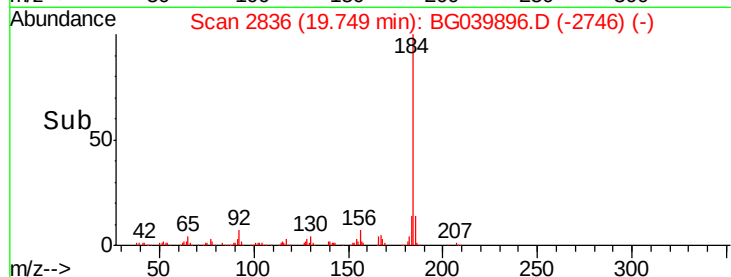
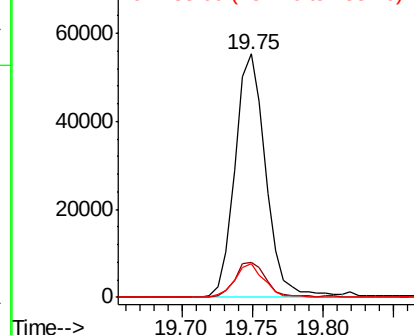


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.811 ng

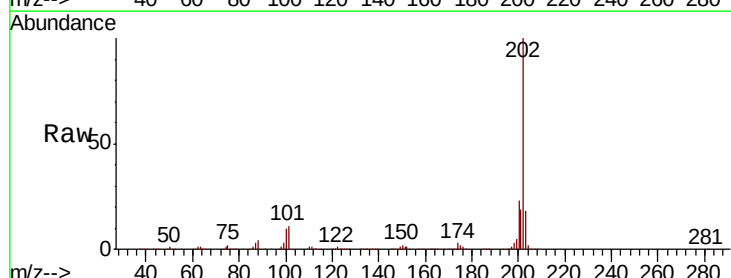
RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Tgt Ion:	202	Resp:	849795
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.8
203	17.8	15.3	22.9

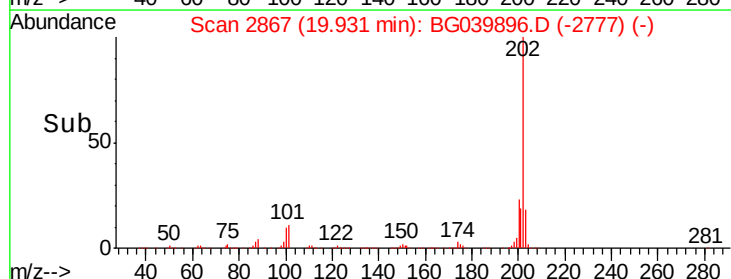
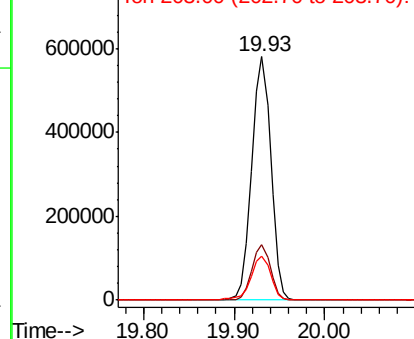


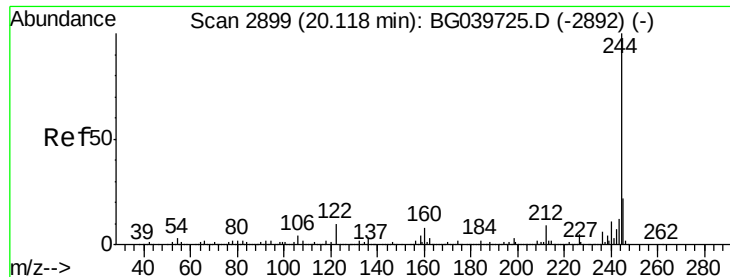
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.083 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

Instrument :

BNA_G

ClientSampleId :

SU-04-031119-AMSD

Tot Ion:244 Resp: 1269884

Ion Ratio Lower Upper

244 100

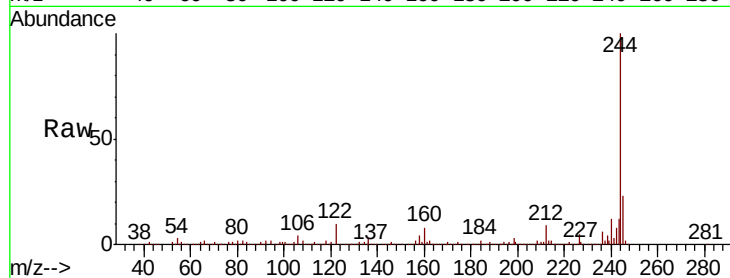
212 9.4 7.3 10.9

122 9.6 8.4 12.6

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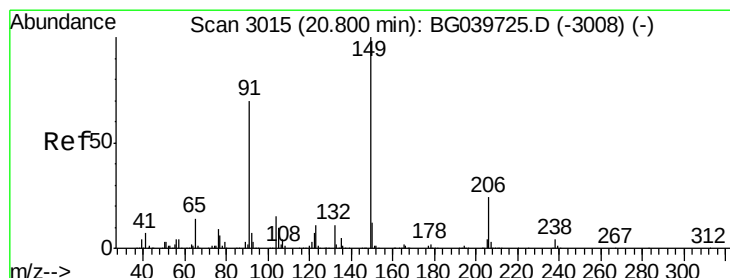
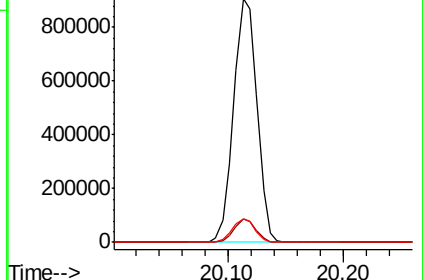
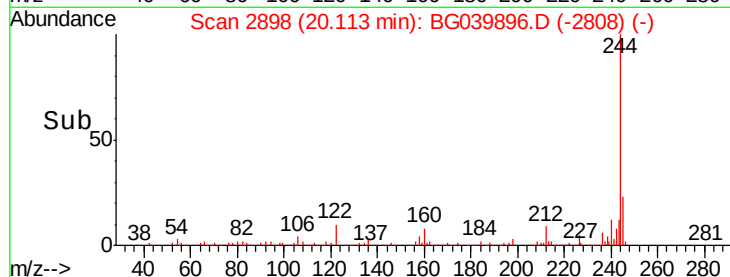
3/13/2019 5:49:34 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.312 ng

RT: 20.79 min Scan# 3014

Delta R.T. -0.00 min

Lab File: BG039896.D

Acq: 13 Mar 2019 6:07

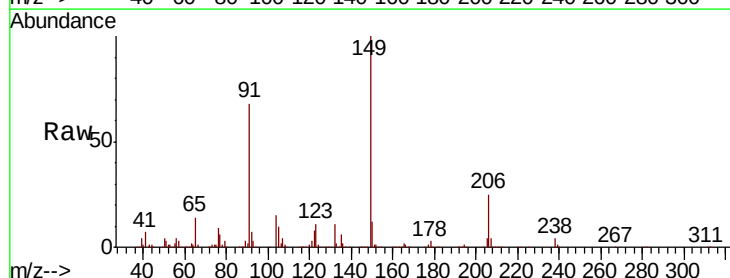
Tgt Ion:149 Resp: 353857

Ion Ratio Lower Upper

149 100

91 68.5 59.5 89.3

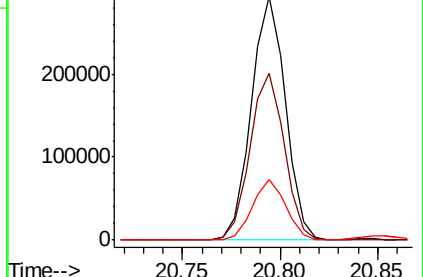
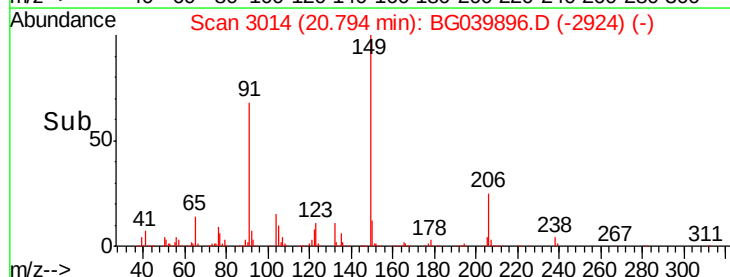
206 24.8 18.6 27.8

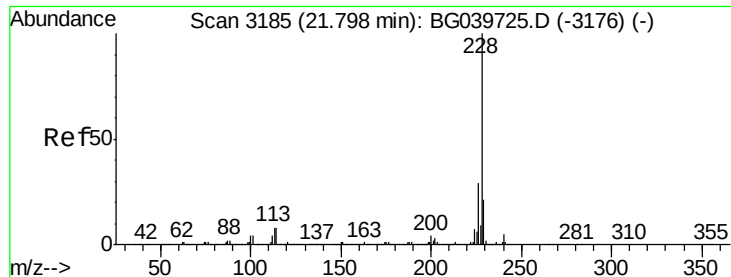


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





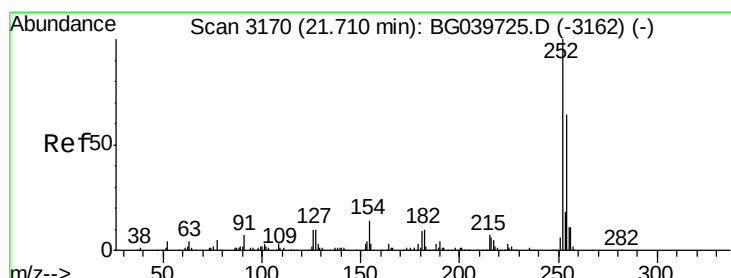
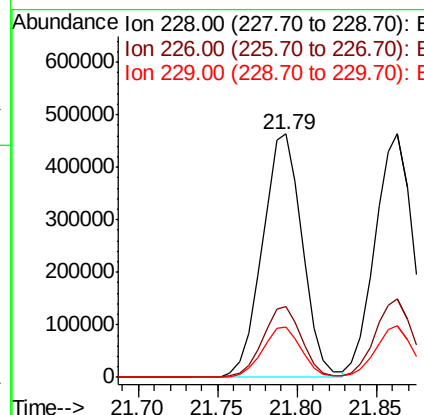
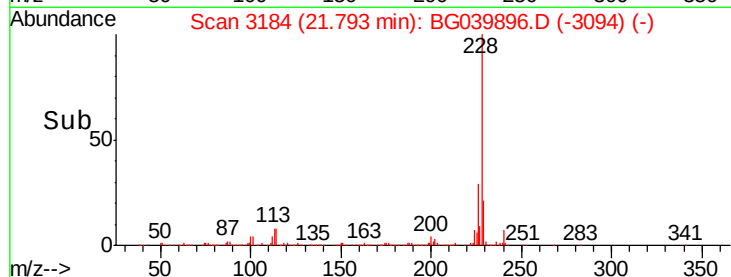
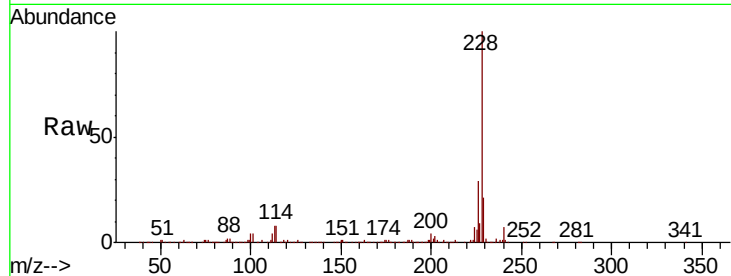
#81
Benzo(a)anthracene
Concen: 46.272 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	20.6	16.9	25.3

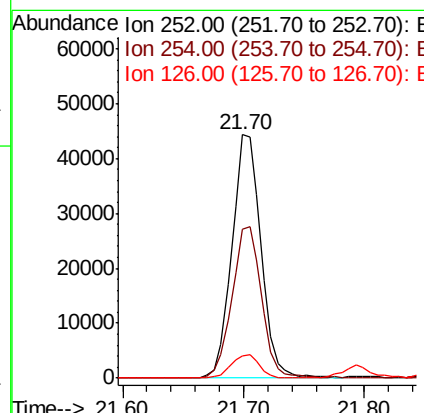
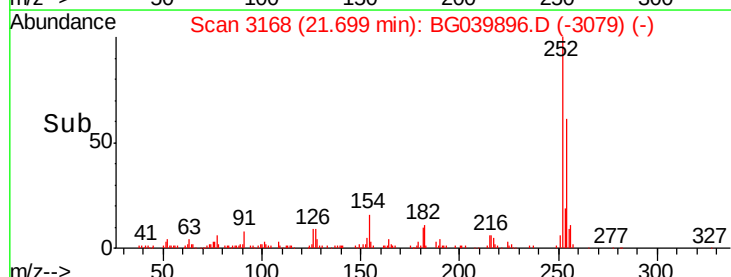
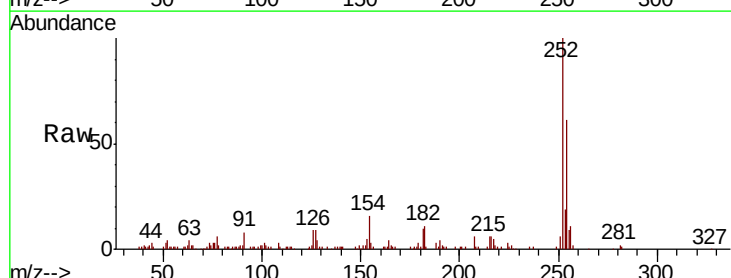
Manual Integrations
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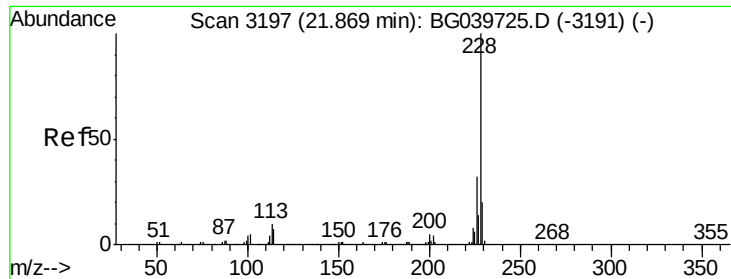
Sohil
3/13/2019 5:49:34 PM



#82
3,3'-Dichlorobenzidine
Concen: 11.619 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.3	51.3	76.9
126	9.3	8.0	12.0





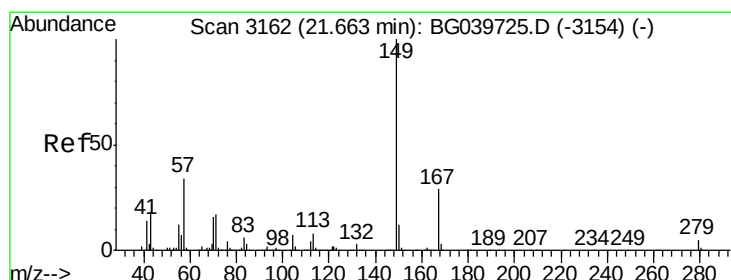
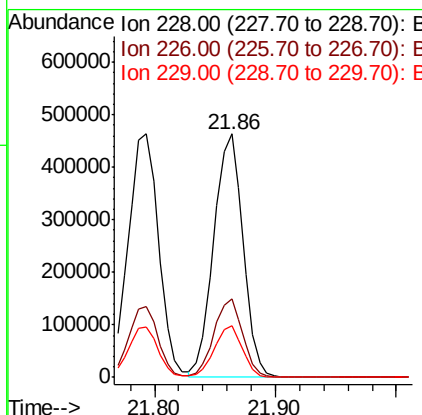
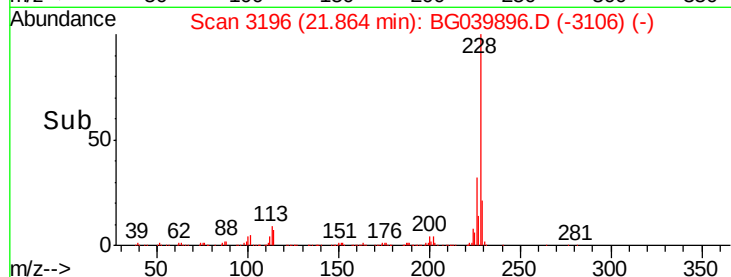
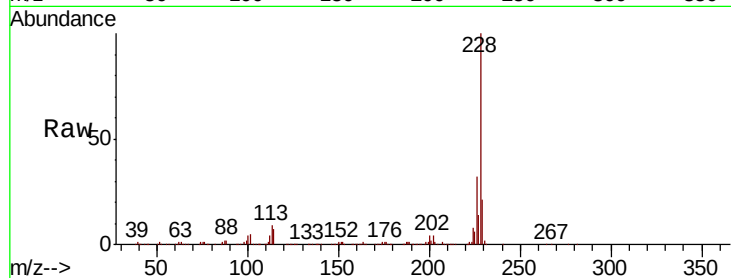
#83
Chrysene
Concen: 45.594 ng
RT: 21.86 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.8	38.6
229	21.2	16.6	25.0

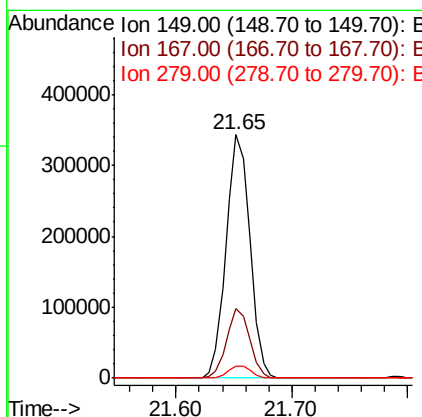
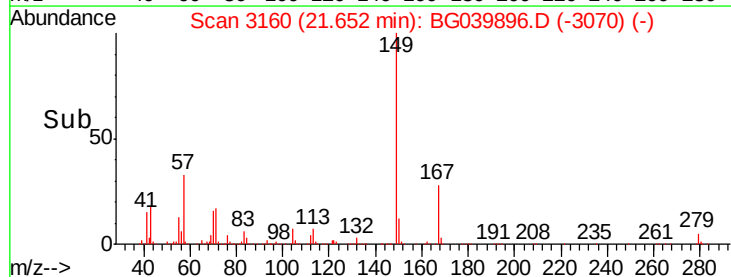
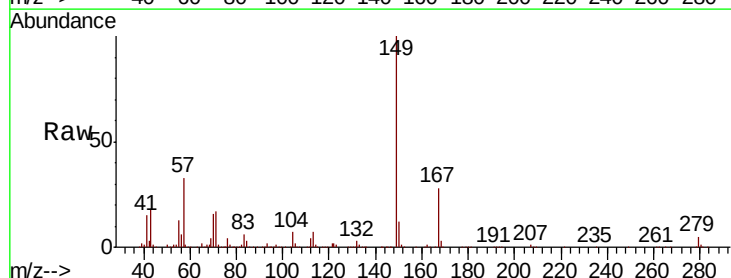
Manual Integrations
APPROVED

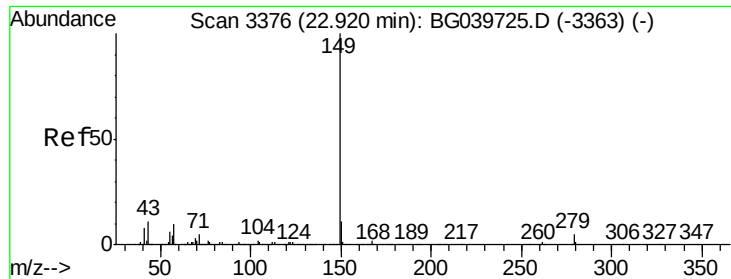
Sohil
3/13/2019 5:49:34 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.531 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	4.9	3.5	5.3





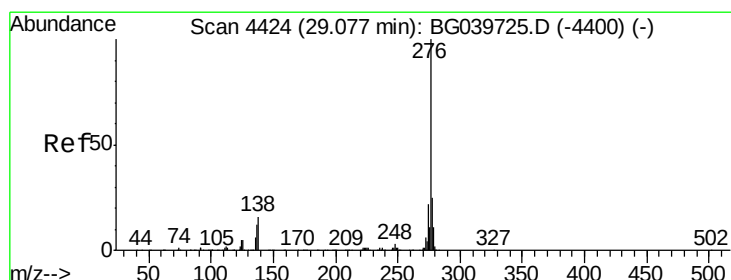
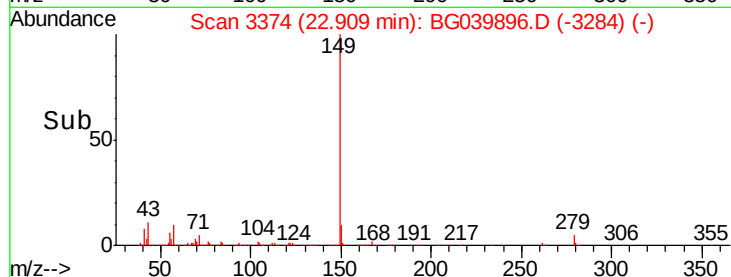
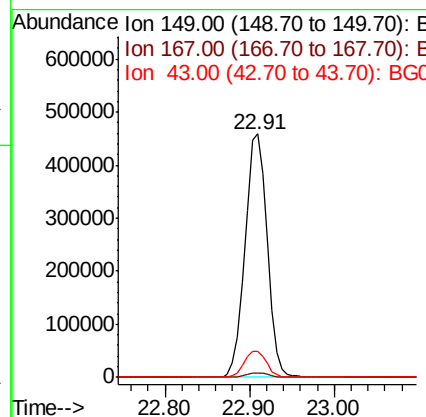
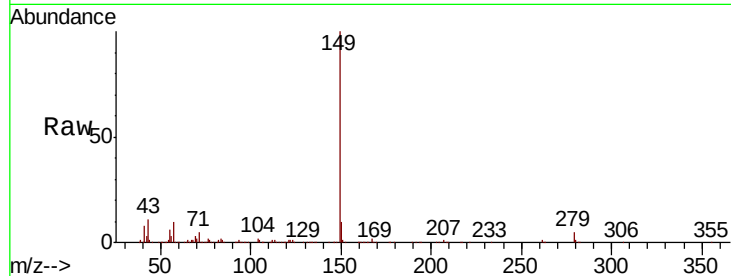
#85
Di-n-octyl phthalate
Concen: 50.552 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.7	10.2	15.4

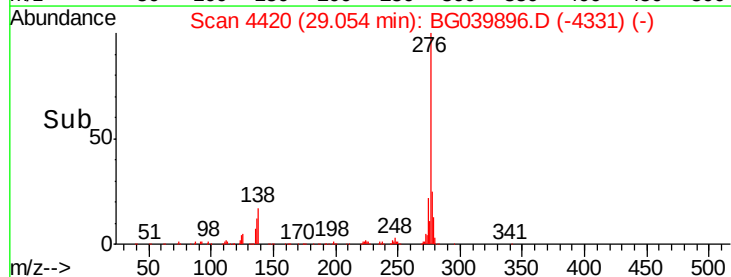
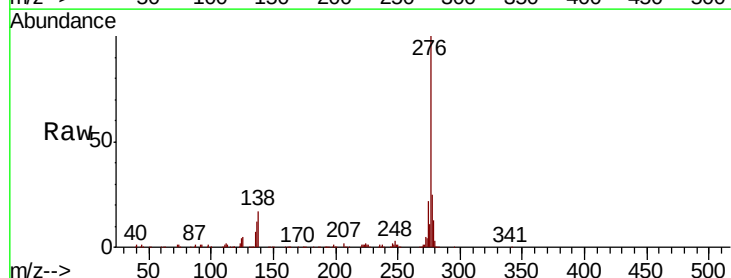
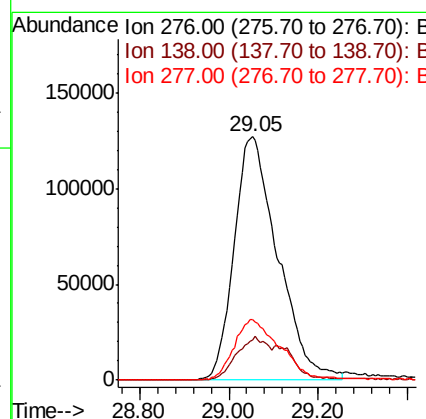
Manual Integrations
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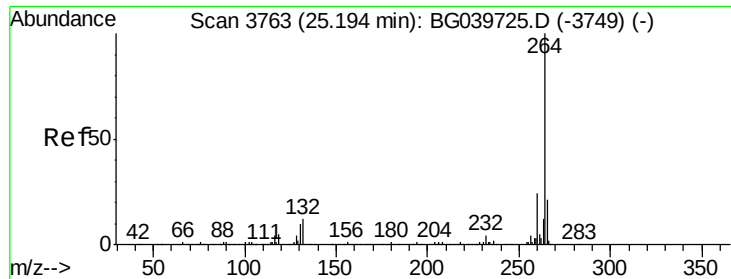
Sohil
3/13/2019 5:49:34 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.058 ng
RT: 29.05 min Scan# 4420
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.7	12.6	19.0
277	25.8	20.8	31.2





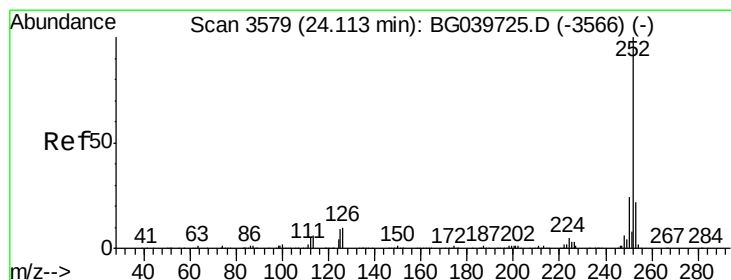
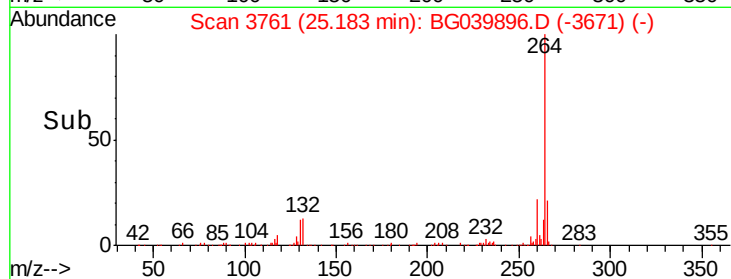
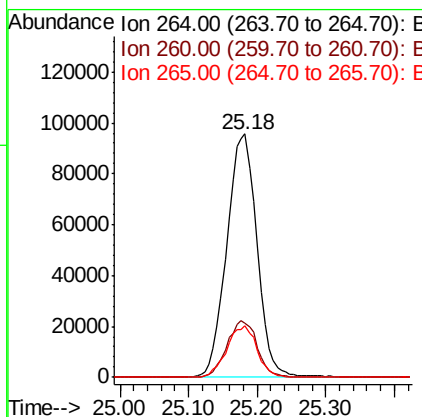
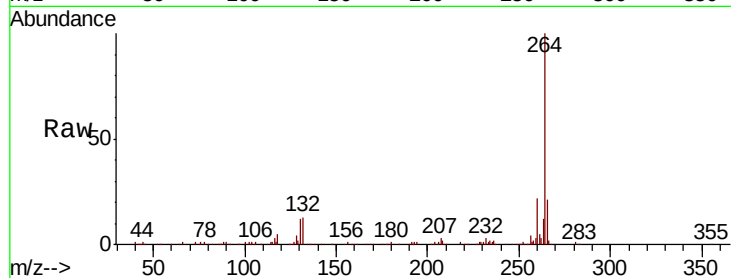
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	21.3	18.5	27.7

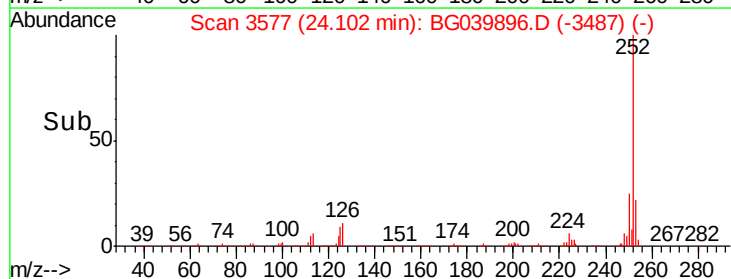
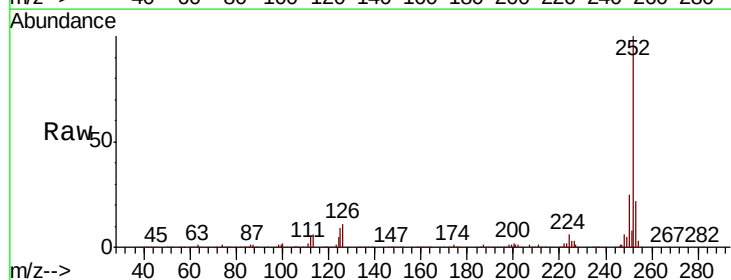
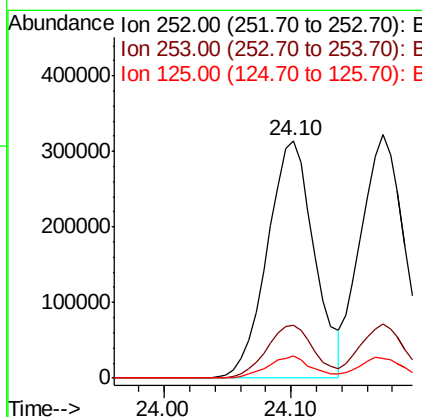
Manual Integrations
APPROVED

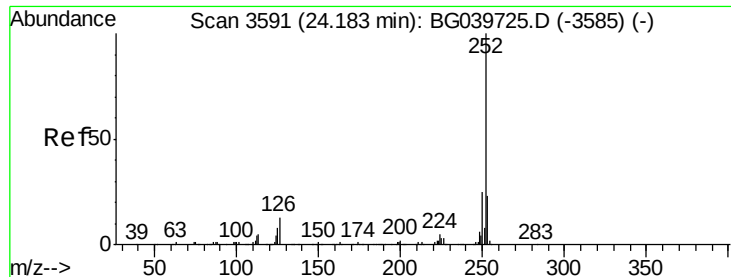
Sohil
3/13/2019 5:49:34 PM



#88
Benzo(b)fluoranthene
Concen: 46.535 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.1	7.8	11.6





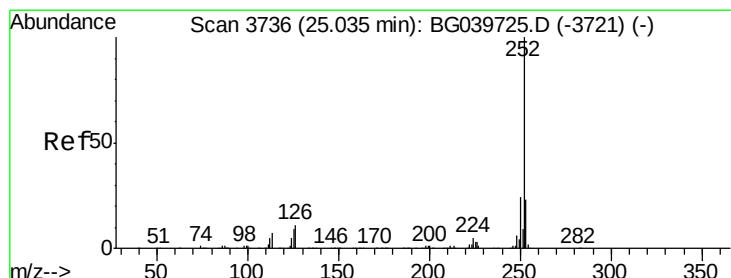
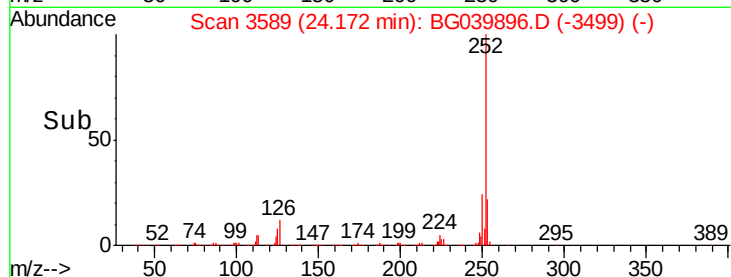
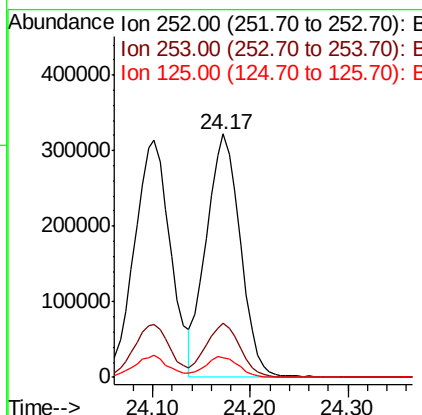
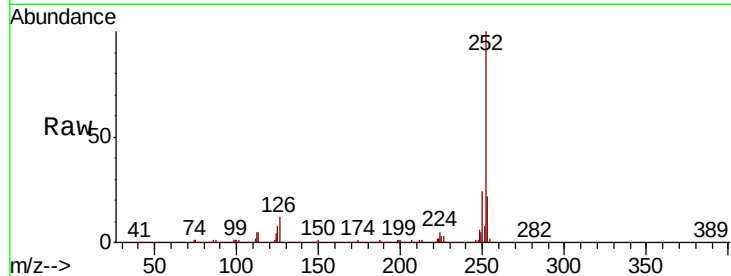
#89
Benzo(k)fluoranthene
Concen: 47.717 ng
RT: 24.17 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.2	7.4	11.2

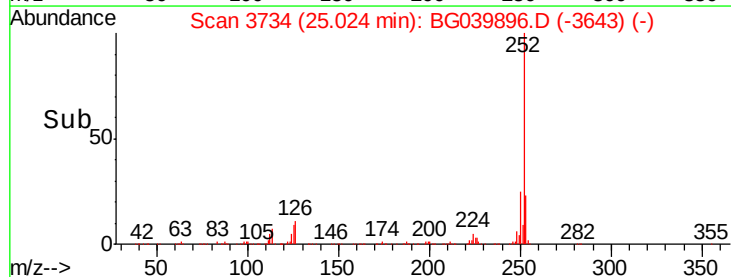
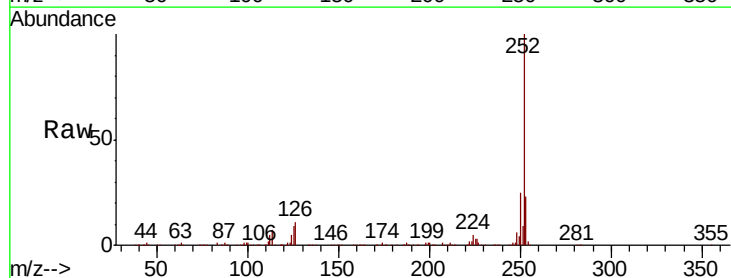
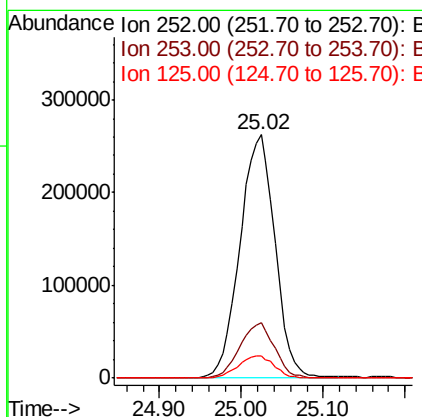
Manual Integrations
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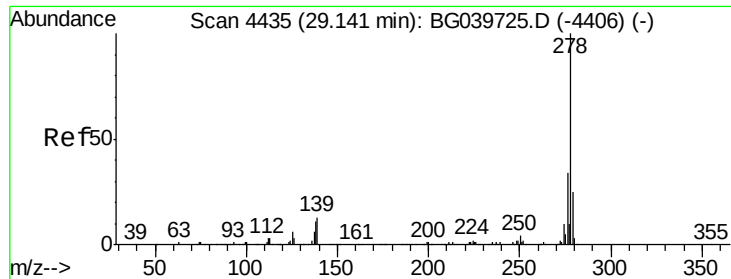
Sohil
3/13/2019 5:49:34 PM



#90
Benzo(a)pyrene
Concen: 48.631 ng
RT: 25.02 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	8.9	8.3	12.5





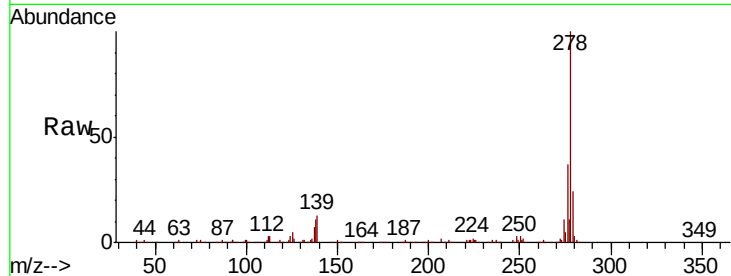
#91
Dibenzo(a,h)anthracene
Concen: 45.500 ng
RT: 29.12 min Scan# 4432
Delta R.T. -0.00 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.7	17.5
279	24.5	19.1	28.7

Manual Integrations
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Sohil
3/13/2019 5:49:34 PM

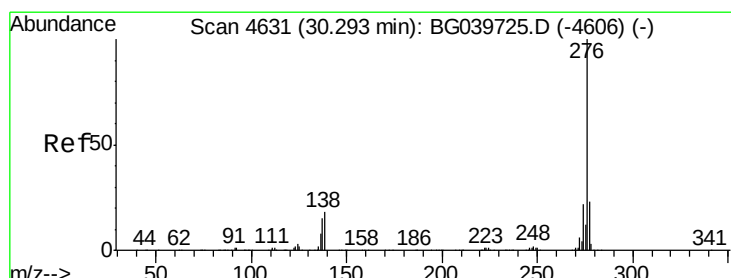
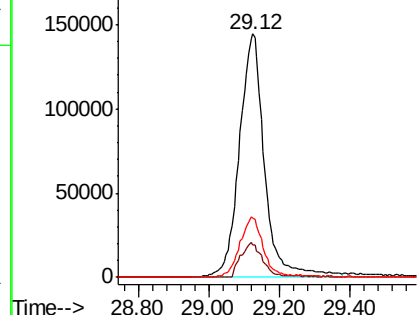
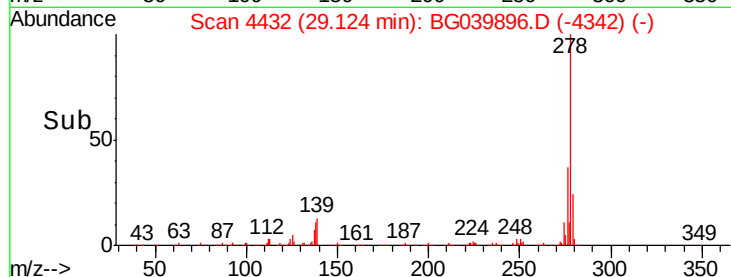


Abundance

Ion 278.00 (277.70 to 278.70): E

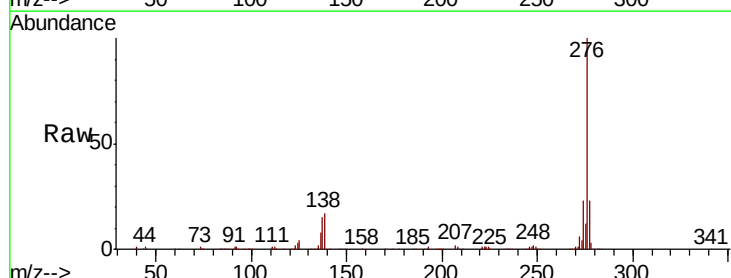
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.983 ng
RT: 30.27 min Scan# 4627
Delta R.T. -0.01 min
Lab File: BG039896.D
Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	16.7	14.7	22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

