

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039157.D
 Acq On : 16 Jan 2019 15:04
 Operator : JU/SJ
 Sample : K1015-06MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-AMSD

Manual Integrations
 APPROVED

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 1/17/2019 2:09:12 PM

Quant Time: Jan 16 15:49:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 14:03:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	20060	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	91441	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	65263	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	182402	20.00	ng	0.00
76) Chrysene-d12	21.68	240	183314	20.00	ng	0.00
87) Perylene-d12	24.96	264	200668	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	155750	147.29	ng	0.00
7) Phenol-d6	7.18	99	243309	159.88	ng	0.00
23) Nitrobenzene-d5	9.20	82	147383	88.20	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	169352	154.80	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	448786	94.11	ng	0.00
79) Terphenyl-d14	20.01	244	981483	99.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	13371	32.289	ng	# 16
3) Pyridine	3.86	79	43081	38.287	ng	94
4) n-Nitrosodimethylamine	3.77	42	27964	55.228	ng	96
6) Aniline	7.35	93	25184	13.779	ng	96
8) 2-Chlorophenol	7.58	128	65280	52.369	ng	94
9) Benzaldehyde	7.16	77	21607	24.619	ng	95
10) Phenol	7.21	94	73506	48.177	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	55159	47.301	ng	97
12) 1,3-Dichlorobenzene	7.91	146	60468	40.487	ng	97
13) 1,4-Dichlorobenzene	8.05	146	59980	39.654	ng	95
14) 1,2-Dichlorobenzene	8.37	146	58941	40.869	ng	96
15) Benzyl Alcohol	8.26	79	56677	49.454	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	98112	43.877	ng	97
17) 2-Methylphenol	8.46	107	51421	48.536	ng	97
18) Hexachloroethane	9.09	117	20288	39.481	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	44071	44.100	ng	96
20) 3+4-Methylphenols	8.80	107	70949	46.970	ng	97
22) Acetophenone	8.85	105	91395	38.273	ng	# 95
24) Nitrobenzene	9.24	77	66662	39.466	ng	97
25) Isophorone	9.75	82	145856	50.670	ng	99
26) 2-Nitrophenol	9.95	139	41595	45.528	ng	95
27) 2,4-Dimethylphenol	10.00	122	68562	53.341	ng	88
28) bis(2-Chloroethoxy)methane	10.23	93	87829	50.768	ng	96
29) 2,4-Dichlorophenol	10.48	162	89621	56.125	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	78029	40.669	ng	98
31) Naphthalene	10.88	128	198190	43.215	ng	100
32) Benzoic acid	10.16	122	25947	35.810	ng	87
33) 4-Chloroaniline	11.02	127	5980	2.914	ng	# 93
34) Hexachlorobutadiene	11.14	225	55765	42.241	ng	99
35) Caprolactam	11.79	113	19631m	30.658	ng	
36) 4-Chloro-3-methylphenol	12.12	107	84109	49.247	ng	93
37) 2-Methylnaphthalene	12.49	142	181255	52.714	ng	99
38) 1-Methylnaphthalene	12.71	142	162484	49.232	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	104512	42.641	ng	99

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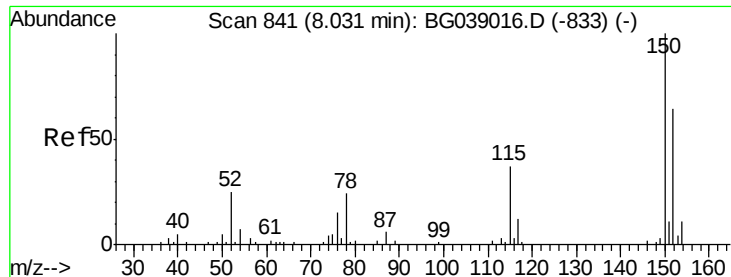
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	108423	78.648	ng	96
43) 2,4,6-Trichlorophenol	13.10	196	74645	48.389	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	78299	48.024	ng	99
46) 1,1'-Biphenyl	13.49	154	219237	42.395	ng	99
47) 2-Chloronaphthalene	13.54	162	174947	41.806	ng	99
48) 2-Nitroaniline	13.76	65	51433	43.871	ng	94
49) Acenaphthylene	14.39	152	291155	46.289	ng	100
50) Dimethylphthalate	14.12	163	247800	44.932	ng	100
51) 2,6-Dinitrotoluene	14.24	165	55289	44.841	ng	98
52) Acenaphthene	14.73	154	166853	44.151	ng	99
53) 3-Nitroaniline	14.59	138	7189	5.747	ng	# 85
54) 2,4-Dinitrophenol	14.79	184	53210	72.707	ng	96
55) Dibenzofuran	15.06	168	288226	43.184	ng	99
56) 4-Nitrophenol	14.90	139	69725	77.473	ng	98
57) 2,4-Dinitrotoluene	15.04	165	77927	44.052	ng	97
58) Fluorene	15.71	166	235051	46.786	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	75866	49.294	ng	96
60) Diethylphthalate	15.47	149	253153	44.552	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	137832	43.547	ng	98
62) 4-Nitroaniline	15.75	138	49165	37.731	ng	93
63) Azobenzene	15.99	77	192430	43.305	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	45190	33.441	ng	96
66) n-Nitrosodiphenylamine	15.91	169	217638	40.249	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	95095	40.558	ng	93
68) Hexachlorobenzene	16.71	284	102279	39.976	ng	98
69) Atrazine	16.86	200	98570	42.910	ng	95
70) Pentachlorophenol	17.06	266	105908	67.940	ng	99
71) Phenanthrene	17.45	178	435228	45.143	ng	99
72) Anthracene	17.54	178	439532	46.108	ng	99
73) Carbazole	17.82	167	378362	40.207	ng	99
74) Di-n-butylphthalate	18.35	149	465427	44.459	ng	99
75) Fluoranthene	19.46	202	587329	49.140	ng	99
77) Benzidine	19.65	184	38700	6.902	ng	98
78) Pyrene	19.83	202	592398	50.709	ng	99
80) Butylbenzylphthalate	20.69	149	202196	45.506	ng	99
81) Benzo(a)anthracene	21.67	228	530050	47.499	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	51313	11.286	ng	94
83) Chrysene	21.73	228	498868	47.003	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	277262	44.941	ng	98
85) Di-n-octyl phthalate	22.74	149	482273	46.230	ng	100
86) Indeno(1,2,3-cd)pyrene	28.70	276	665890	52.507	ng	# 95
88) Benzo(b)fluoranthene	23.91	252	544508	49.211	ng	99
89) Benzo(k)fluoranthene	23.98	252	501946	45.882	ng	99
90) Benzo(a)pyrene	24.80	252	513980	48.058	ng	98
91) Dibenzo(a,h)anthracene	28.76	278	550912	51.787	ng	99
92) Benzo(g,h,i)perylene	29.90	276	505223	47.973	ng	98

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



#1

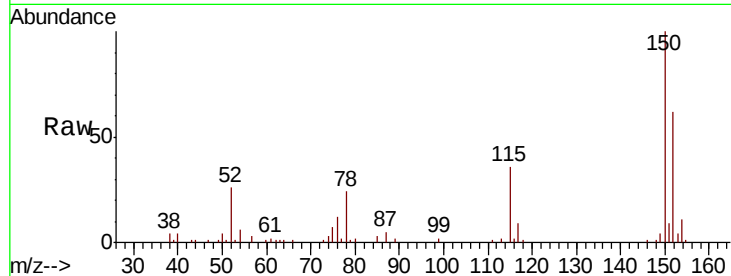
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.7	187.1
115	57.8	46.5	69.7

Manual Integrations
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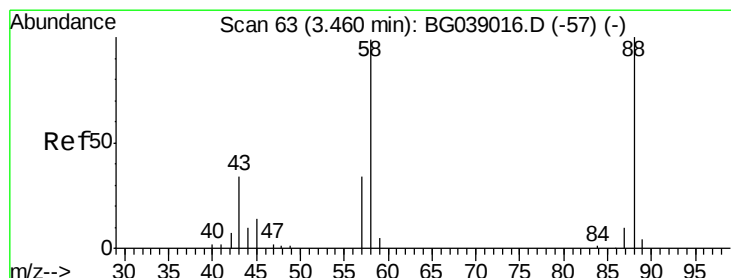
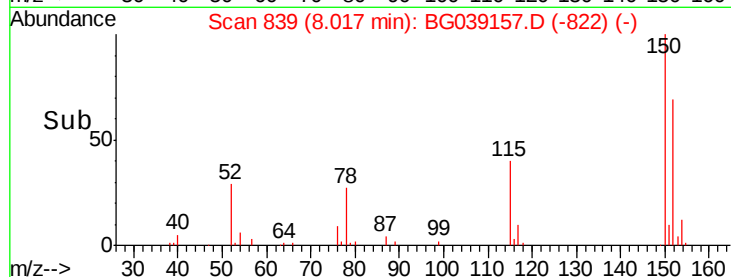
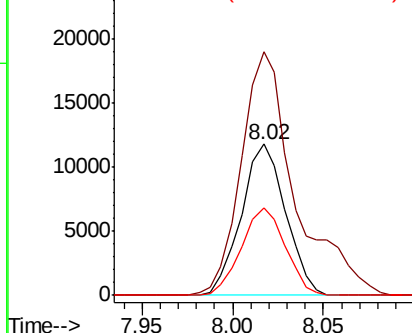


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

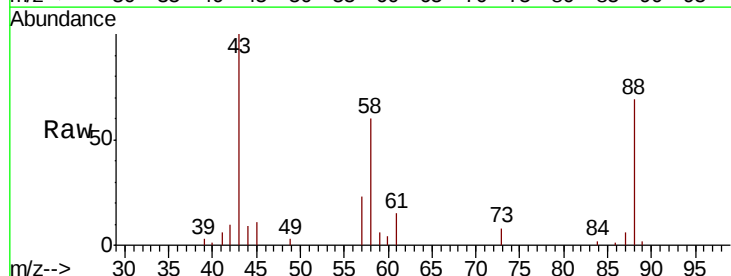
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.289 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.8	72.4	108.6
43	202.3	27.6	41.4#

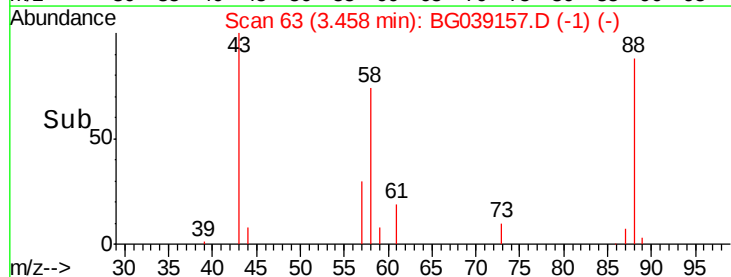
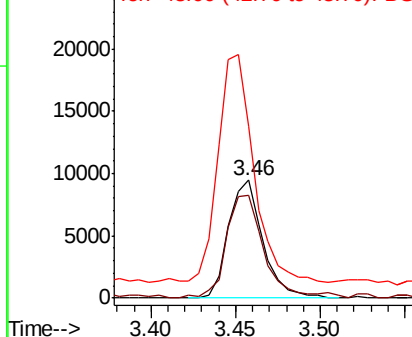


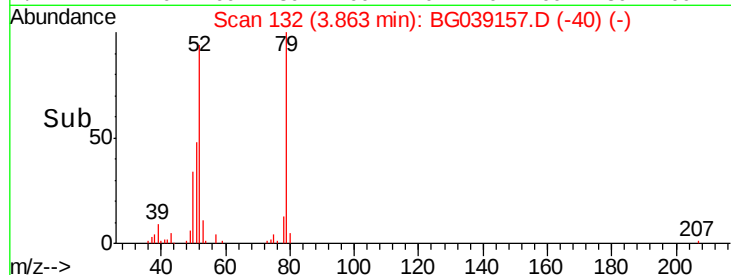
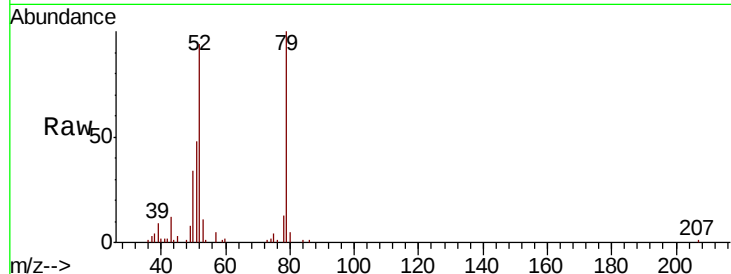
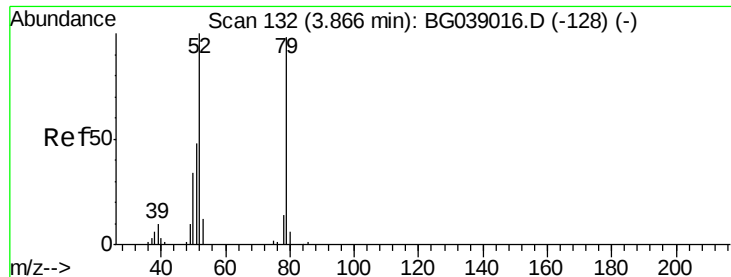
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





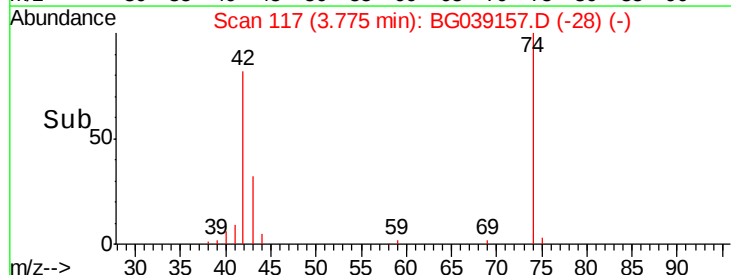
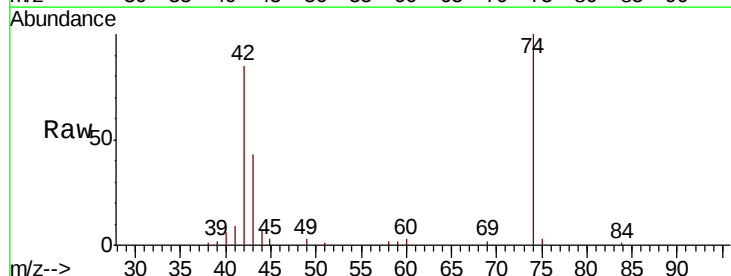
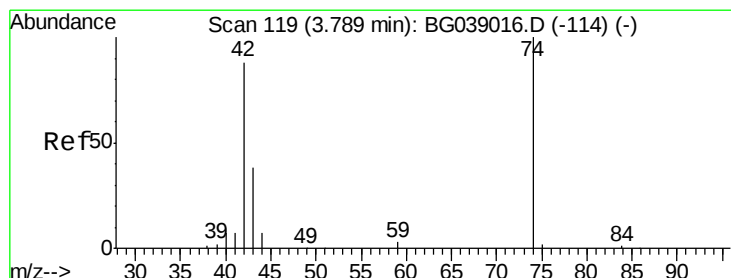
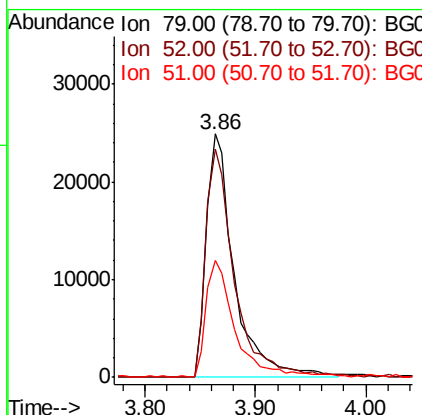
#3
Pvridine
Concen: 38.287 ng
RT: 3.86 min Scan# 132
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	93.8	81.5	122.3
51	51	47.9	39.8	59.6

Instrument :
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SU-02-011119-AMSD

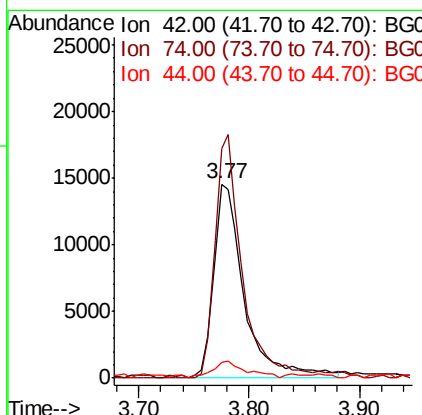
Manual Integrations
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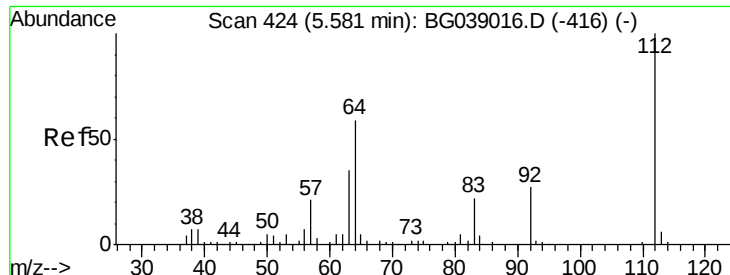
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#4
n-Nitrosodimethylamine
Concen: 55.228 ng
RT: 3.77 min Scan# 117
Delta R.T. -0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	118.2	90.7	136.1
44	44	8.5	6.5	9.7





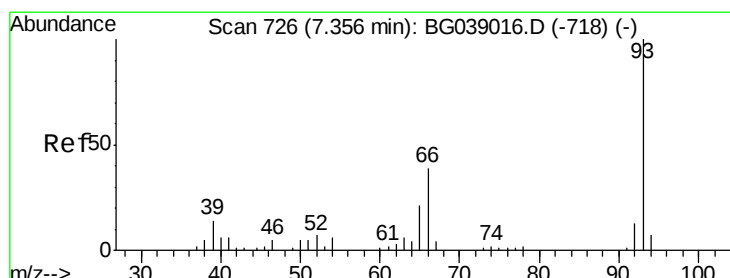
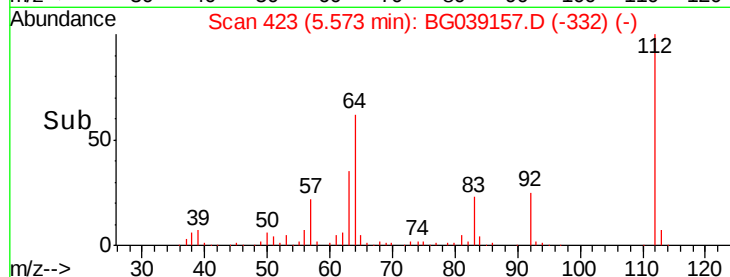
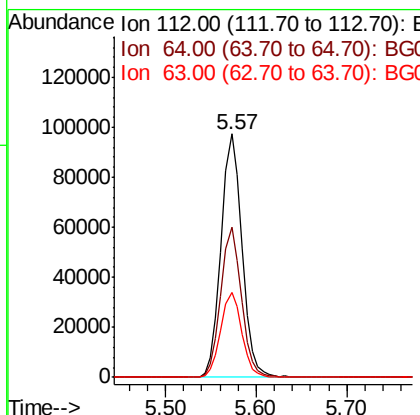
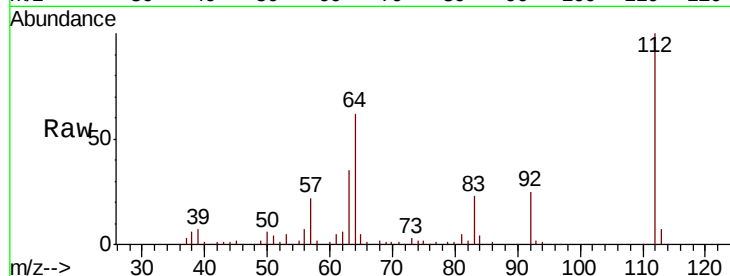
#5
2-Fluorophenol
Concen: 147.286 ng
RT: 5.57 min Scan# 423
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	61.9	47.0	70.6
63	34.7	28.0	42.0

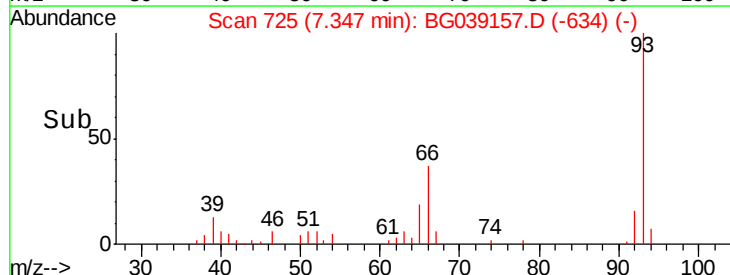
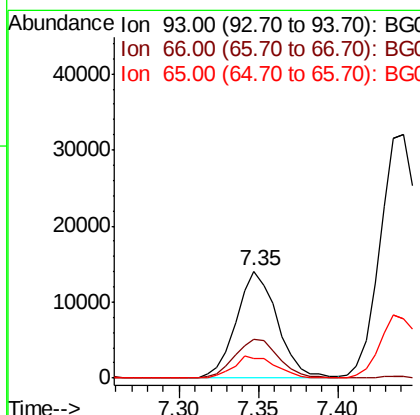
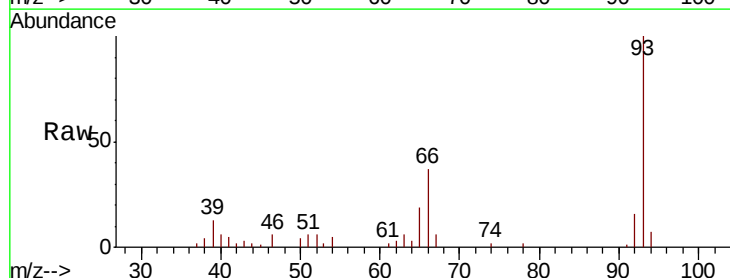
Manual Integrations
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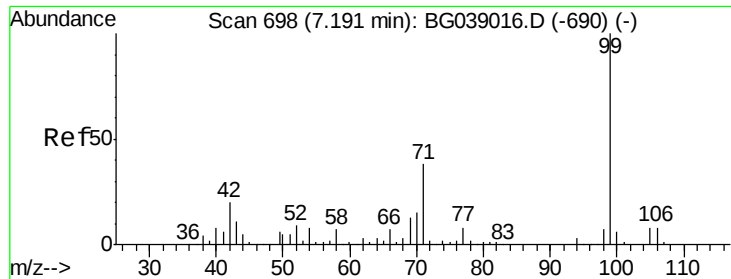
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#6
Aniline
Concen: 13.779 ng
RT: 7.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	36.8	30.9	46.3
65	18.6	17.0	25.4





#7

Phenol-d6

Concen: 159.879 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

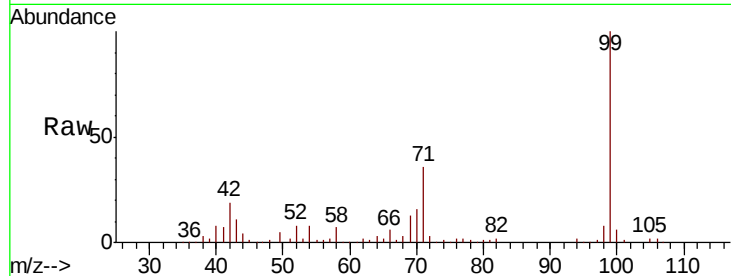
ClientSampleId :

SU-02-011119-AMSD

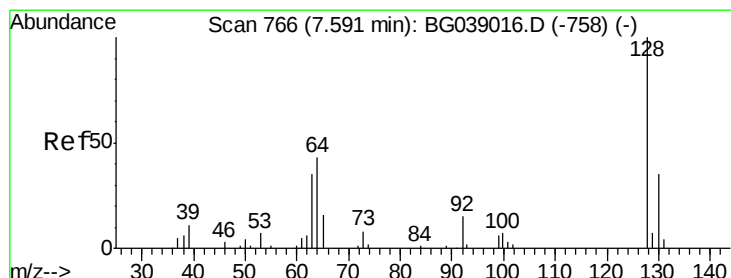
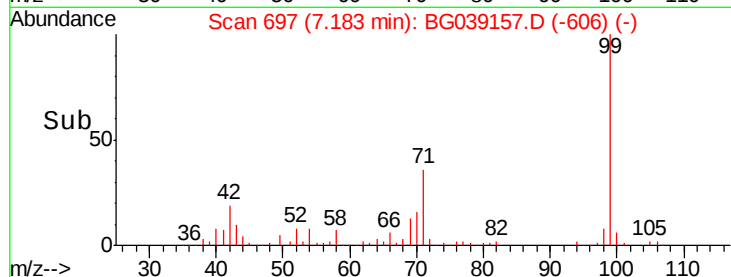
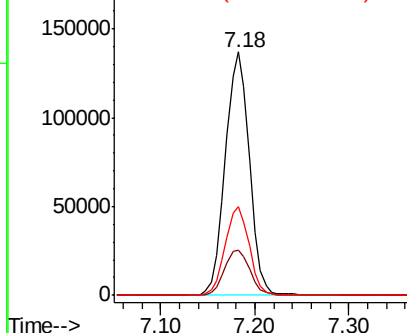
Tot Ion:	99	Resp:	243309
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.8	23.6
71	36.4	30.2	45.4

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 52.369 ng

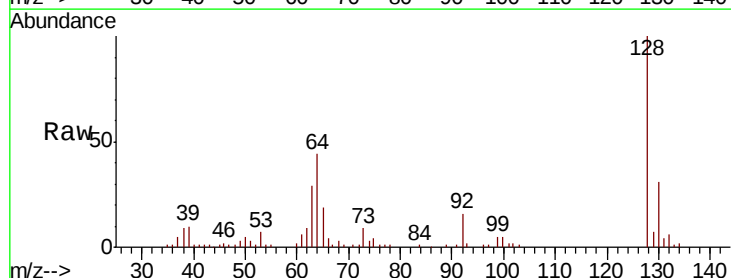
RT: 7.58 min Scan# 765

Delta R.T. 0.01 min

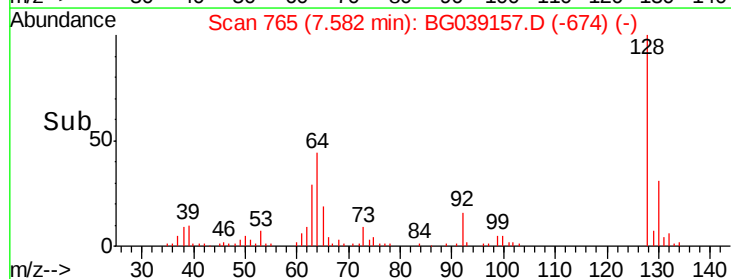
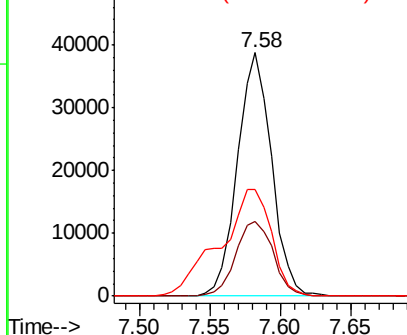
Lab File: BG039157.D

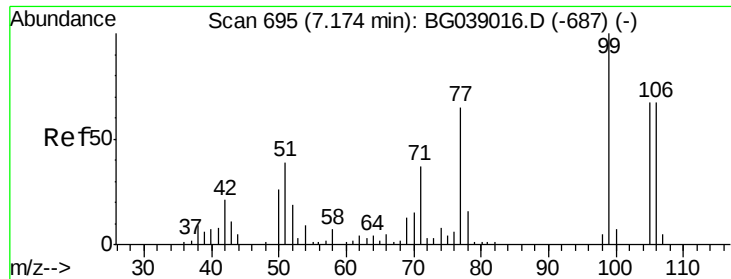
Acq: 16 Jan 2019 15:04

Tgt Ion:	128	Resp:	65280
Ion Ratio	Lower	Upper	
128	100		
130	30.7	14.5	54.5
64	43.8	27.3	67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





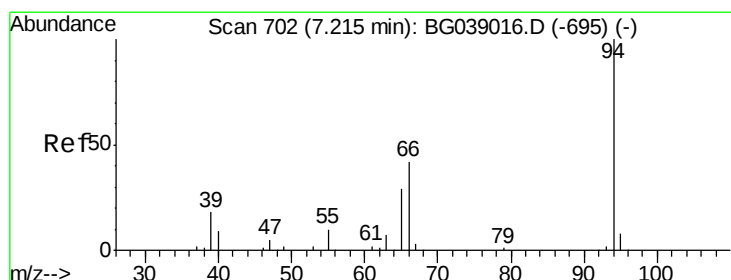
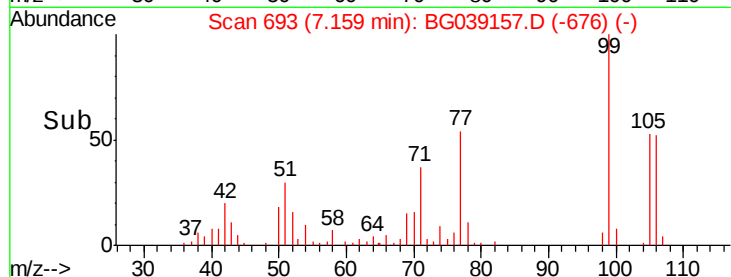
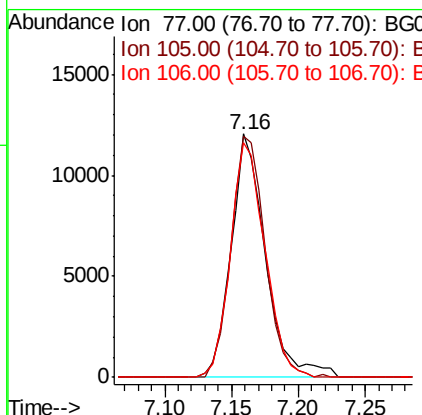
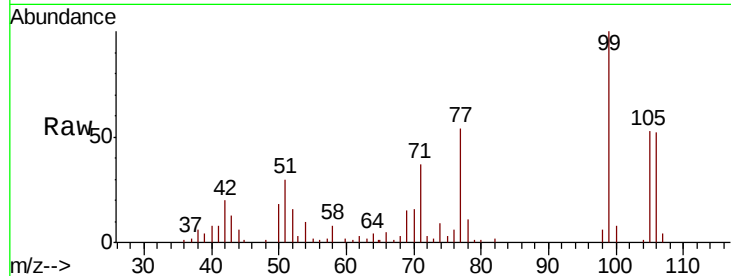
#9
Benzaldehyde
Concen: 24.619 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	99.0	82.4	122.4	
106	96.6	82.8	122.8	

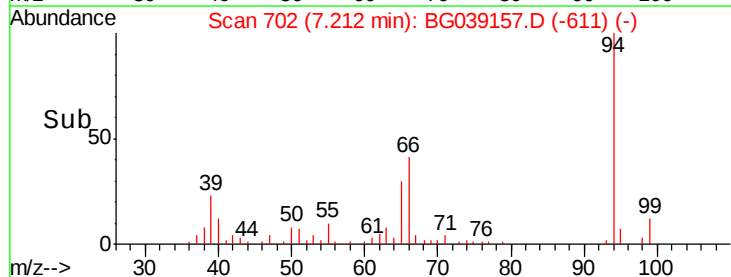
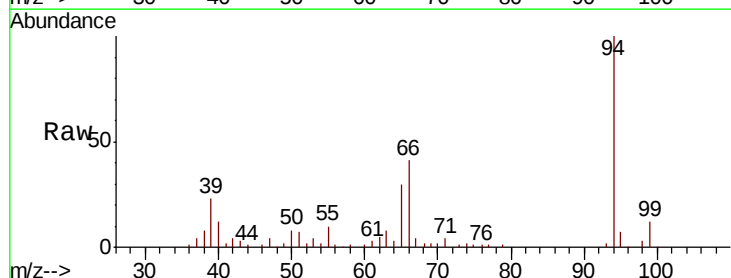
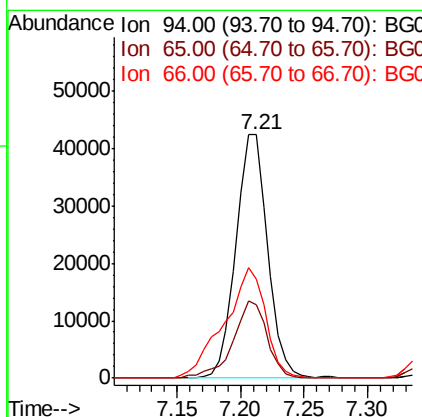
Manual Integrations
APPROVED

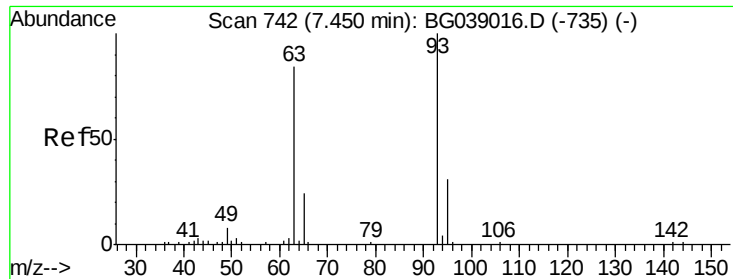
Sohil
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#10
Phenol
Concen: 48.177 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	30.0	10.3	50.3	
66	40.6	25.1	65.1	





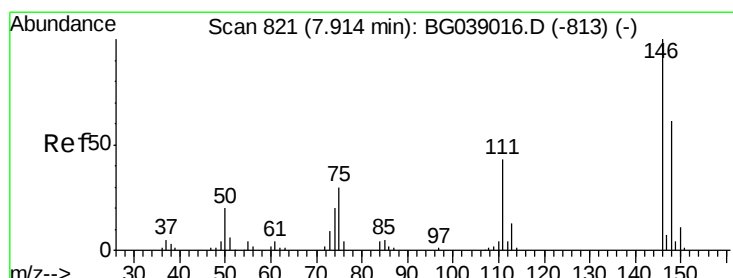
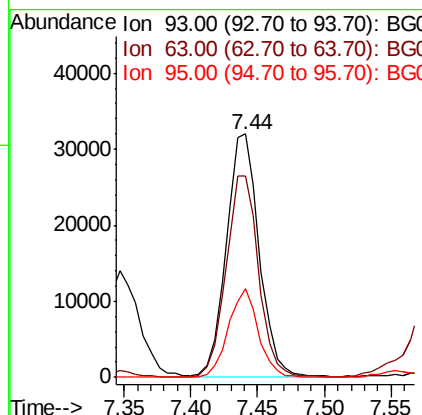
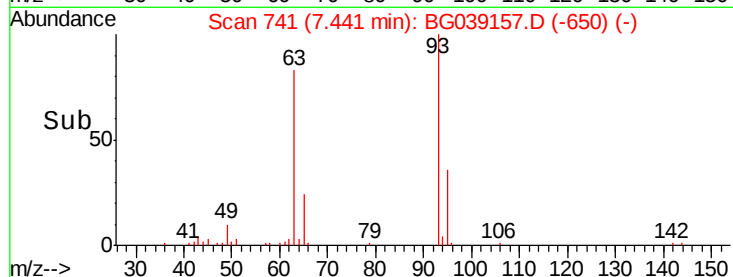
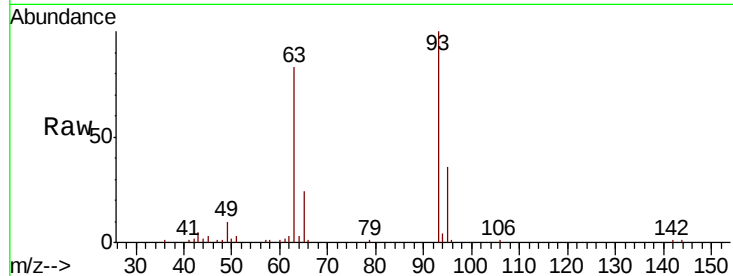
#11
bis(2-Chloroethyl)ether
Concen: 47.301 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.9	63.2	103.2
95	36.4	11.2	51.2

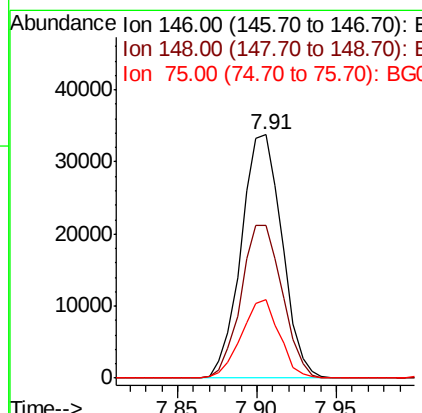
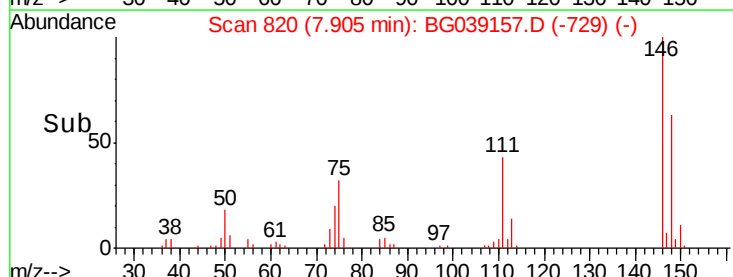
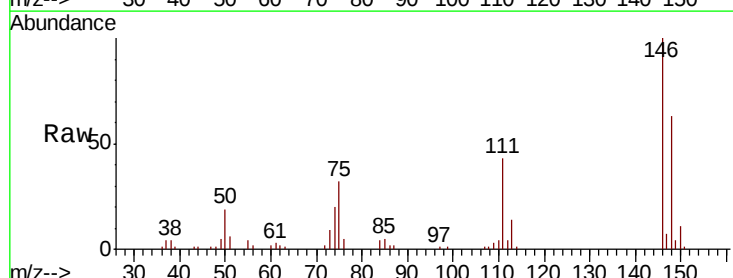
Manual Integrations
APPROVED

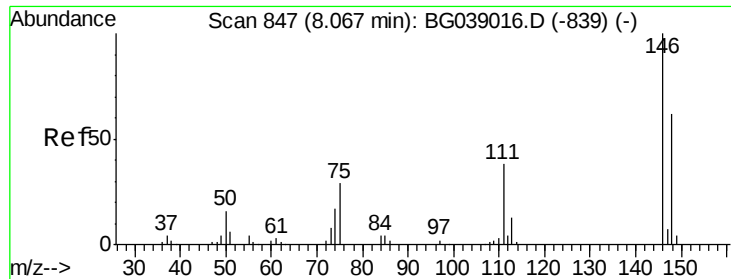
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#12
1,3-Dichlorobenzene
Concen: 40.487 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.1	73.7
75	32.4	23.9	35.9





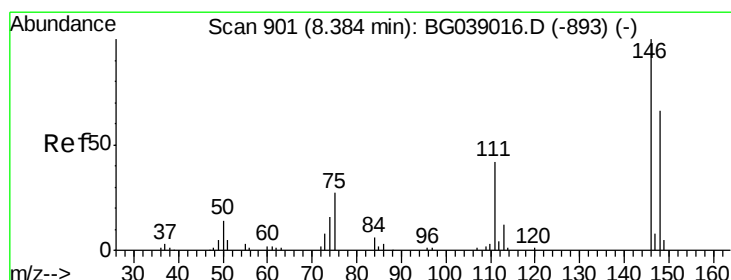
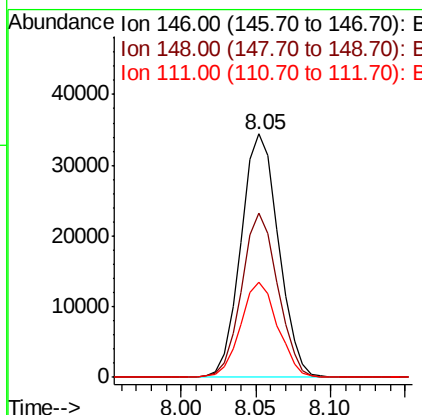
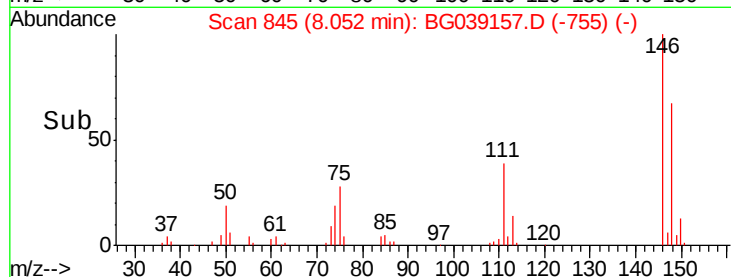
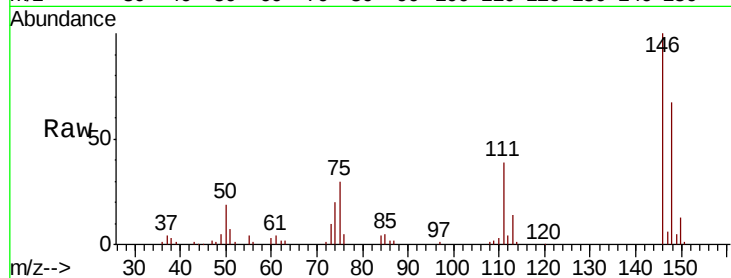
#13
 1,4-Dichlorobenzene
 Concen: 39.654 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.5	49.8	74.6
111	39.0	30.6	45.8

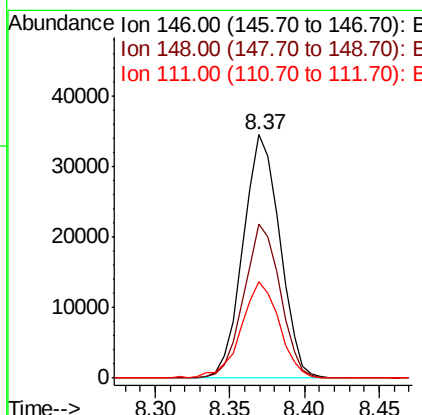
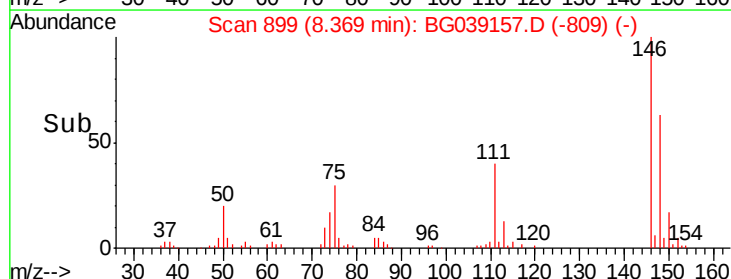
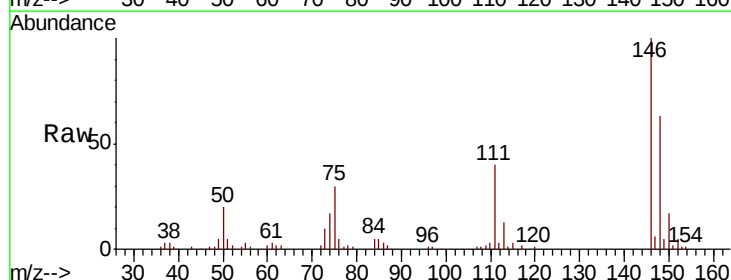
Manual Integrations
 APPROVED

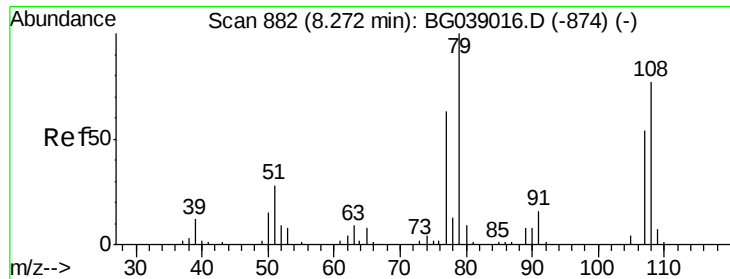
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#14
 1,2-Dichlorobenzene
 Concen: 40.869 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.6	79.0
111	39.5	34.6	51.8





#15

Benzyl Alcohol

Concen: 49.454 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

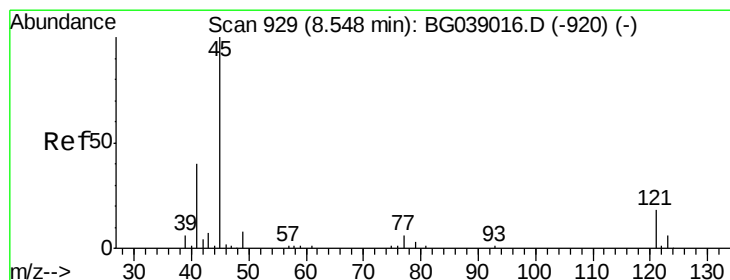
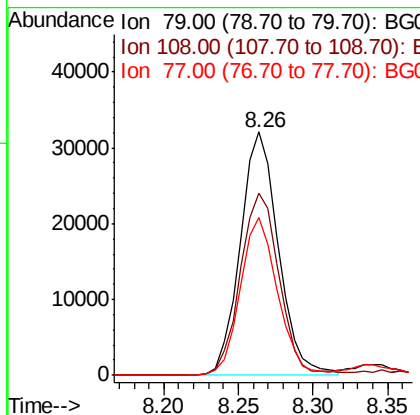
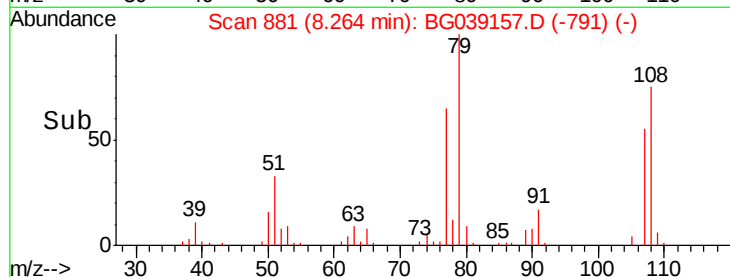
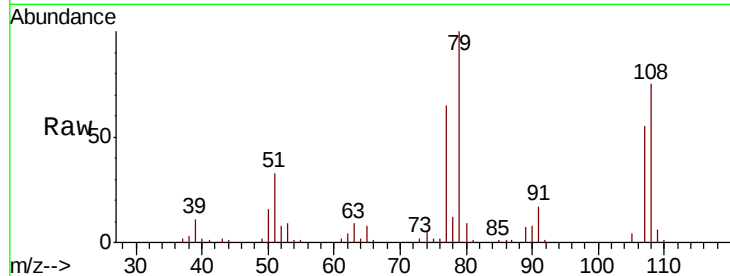
ClientSampleId :

SU-02-011119-AMSD

Tot Ion:	79	Resp:	56677
Ion	Ratio	Lower	Upper
79	100		
108	74.6	62.0	93.0
77	64.6	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.877 ng

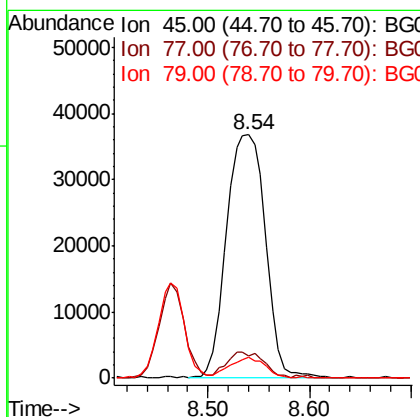
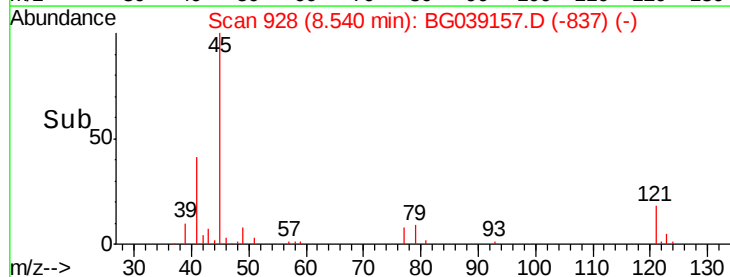
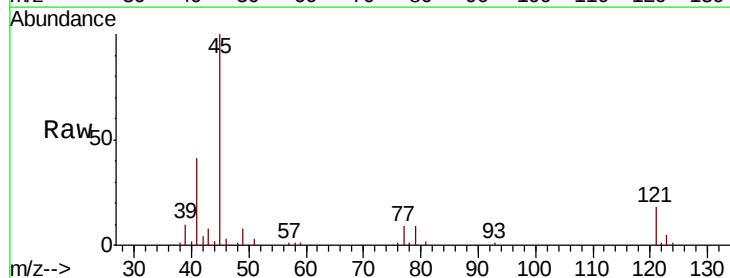
RT: 8.54 min Scan# 928

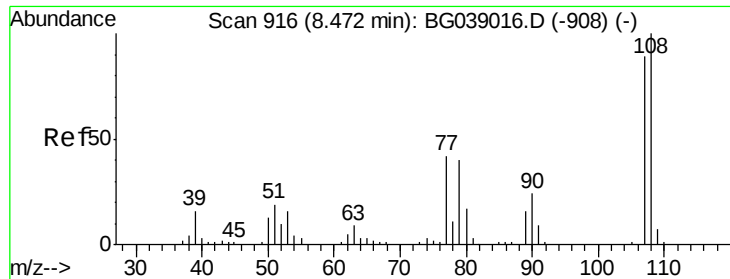
Delta R.T. 0.01 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Tgt Ion:	45	Resp:	98112
Ion	Ratio	Lower	Upper
45	100		
77	9.0	0.0	30.7
79	8.6	0.0	28.5





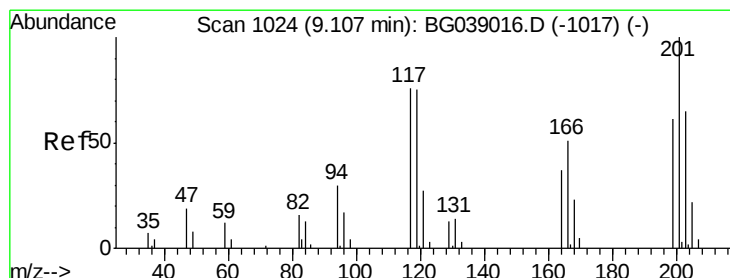
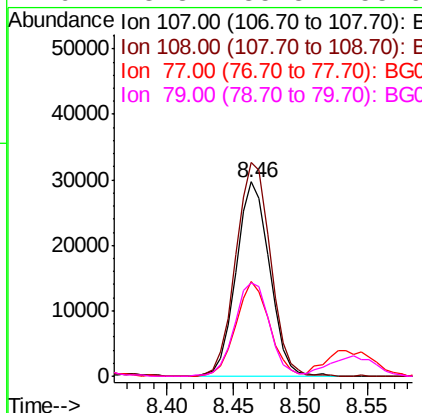
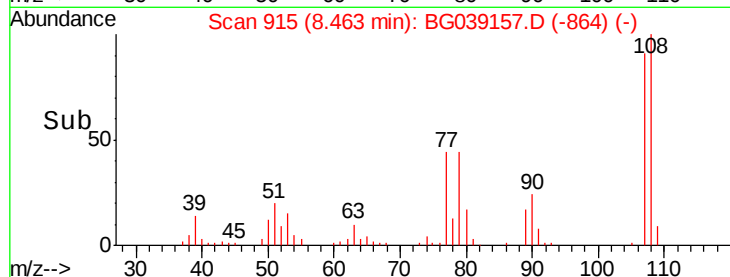
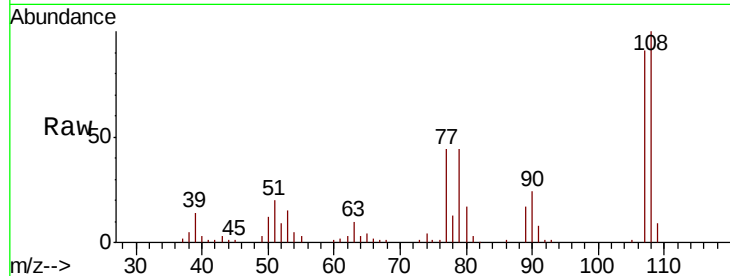
#17
2-Methylphenol
Concen: 48.536 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion:	107	Resp:	51421
Ion	Ratio	Lower	Upper
107	100		
108	110.1	90.3	135.5
77	48.6	38.3	57.5
79	48.3	35.8	53.6

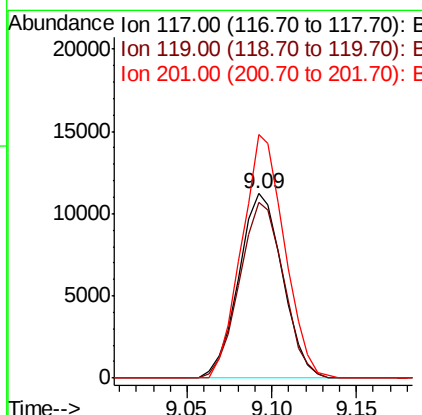
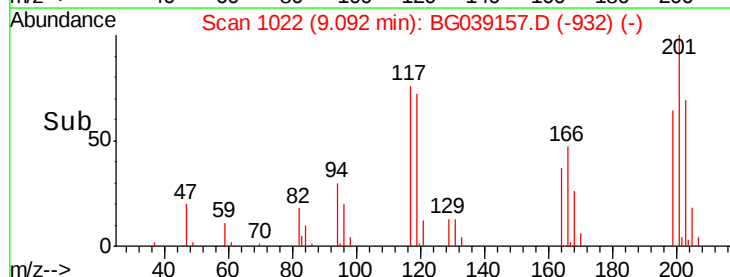
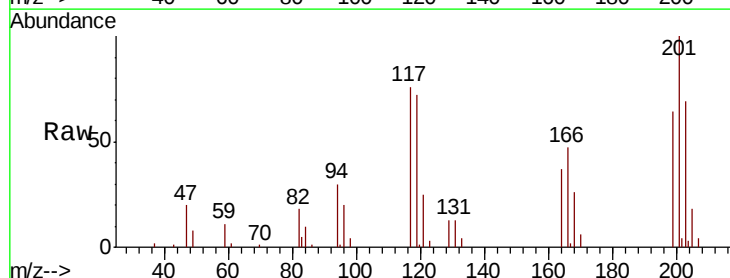
Manual Integrations
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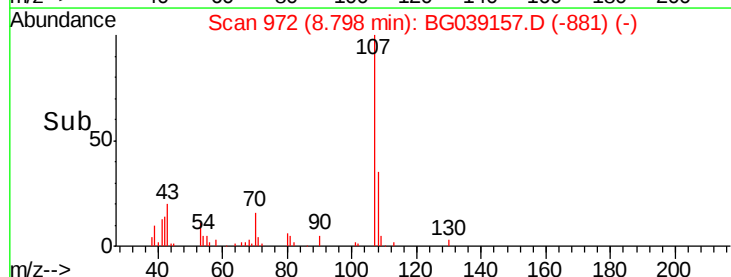
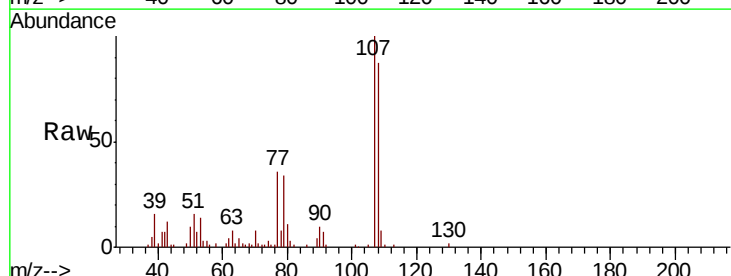
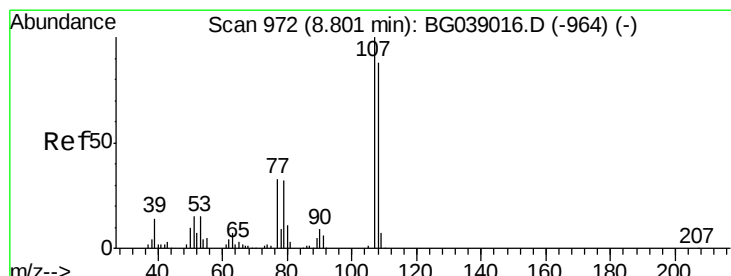
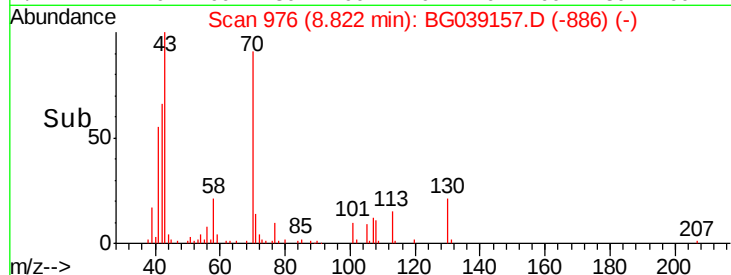
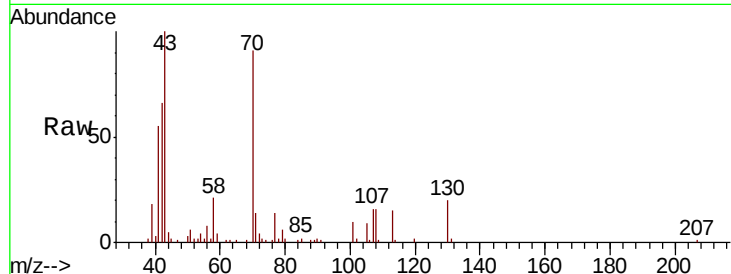
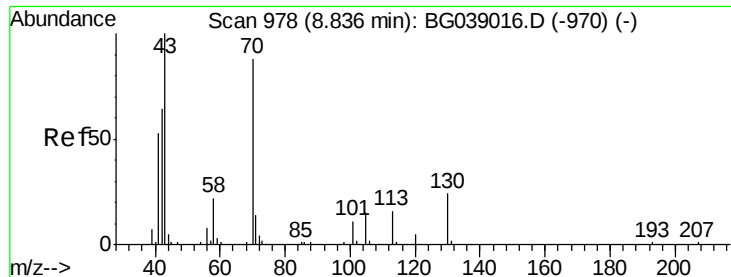
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#18
Hexachloroethane
Concen: 39.481 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion:	117	Resp:	20288
Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.7	118.1
201	136.7	108.1	162.1





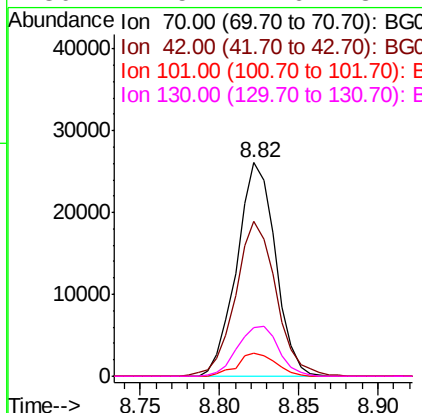
#19
n-Nitroso-di-n-propylamine
Concen: 44.100 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.6	59.0	88.4	
101	10.8	10.4	15.6	
130	22.5	21.6	32.4	

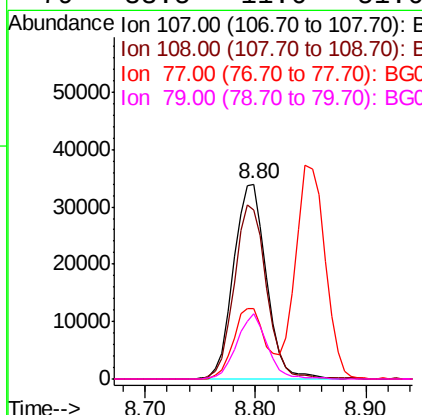
Manual Integrations
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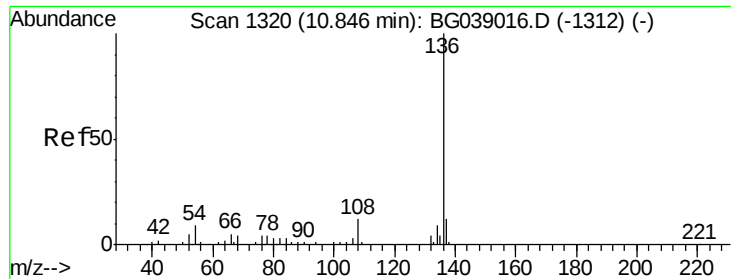
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#20
3+4-Methylphenols
Concen: 46.970 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	68.4	108.4	
77	36.3	13.3	53.3	
79	33.5	11.6	51.6	





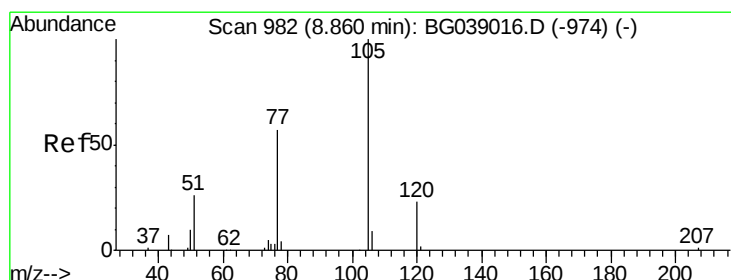
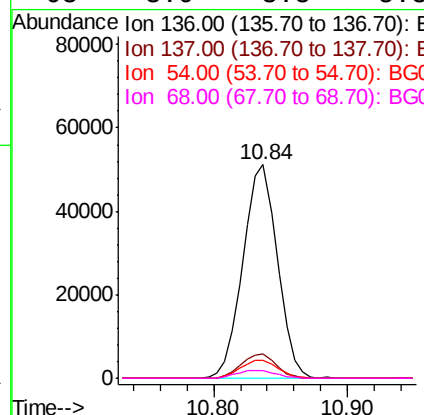
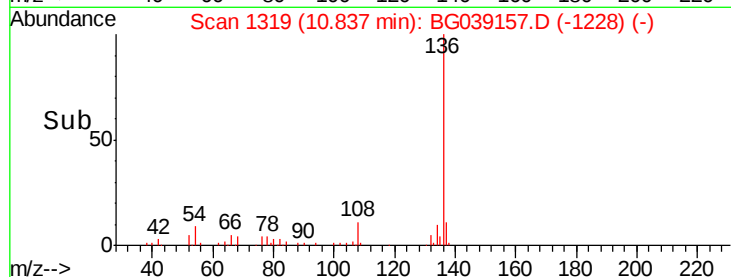
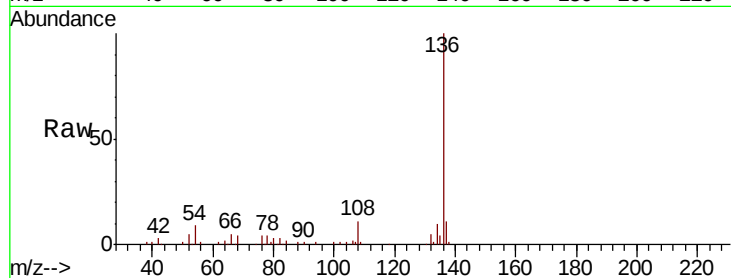
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	91441		
137	11.3	9.4	14.2	
54	8.7	7.2	10.8	
68	3.9	3.5	5.3	

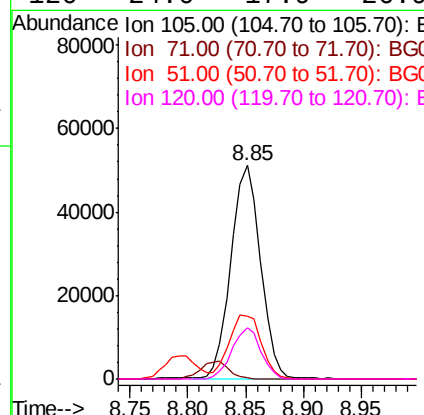
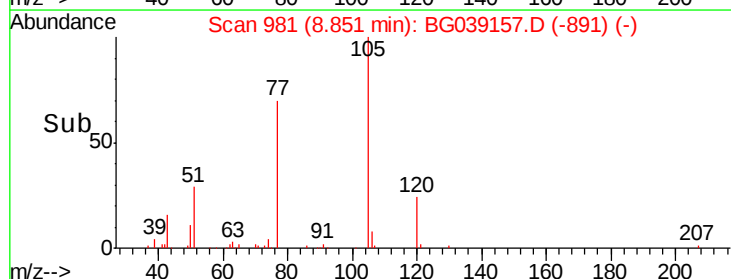
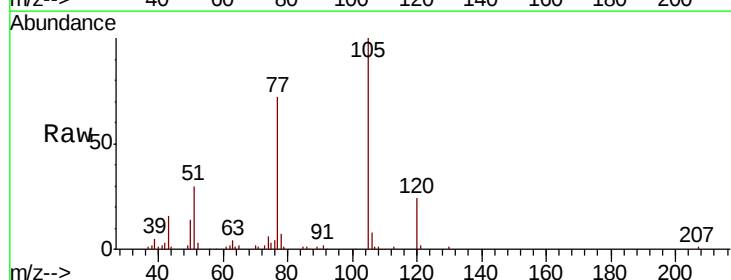
Manual Integrations
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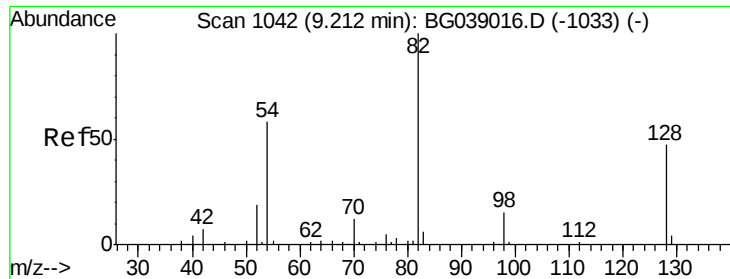
Sohil
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#22
Acetophenone
Concen: 38.273 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	91395		
71	0.6	0.6	1.0#	
51	29.5	26.6	39.8	
120	24.0	17.9	26.9	





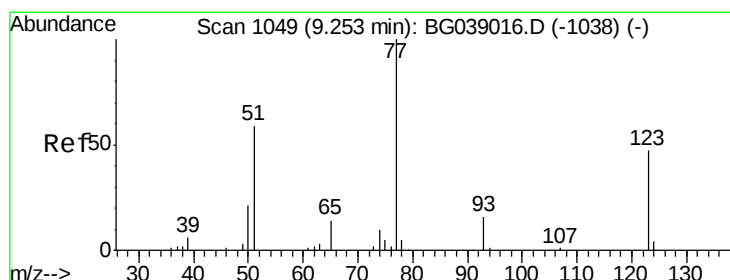
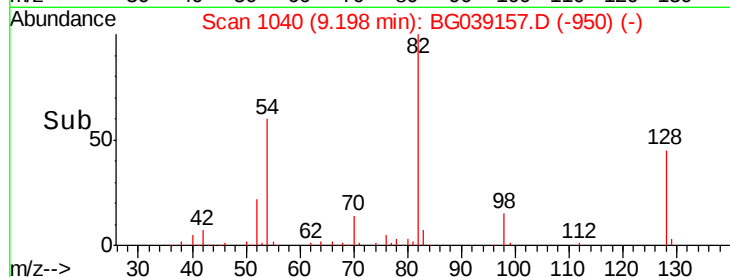
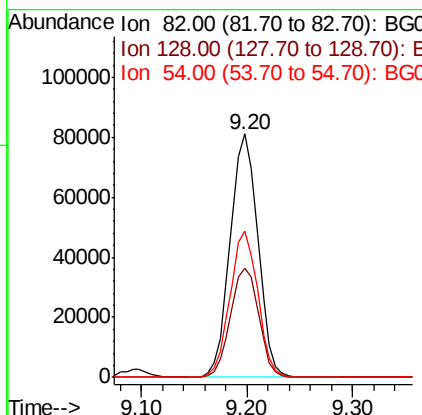
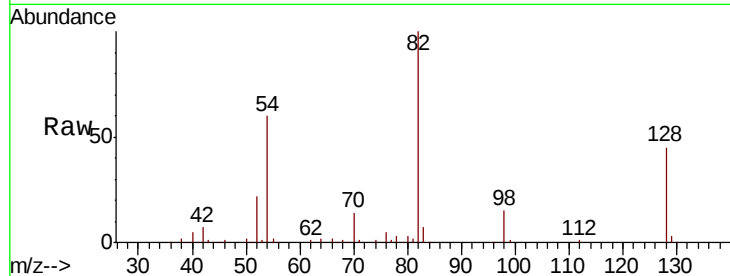
#23
Nitrobenzene-d5
Concen: 88.196 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.3	55.9
54	60.0	46.4	69.6

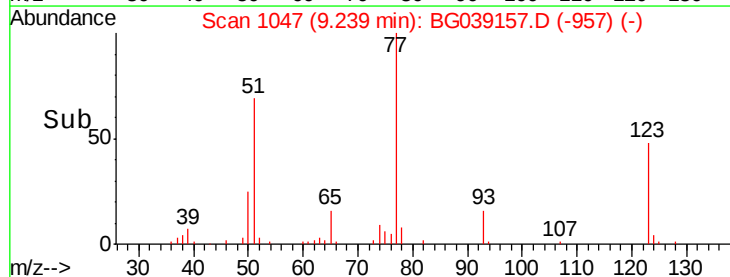
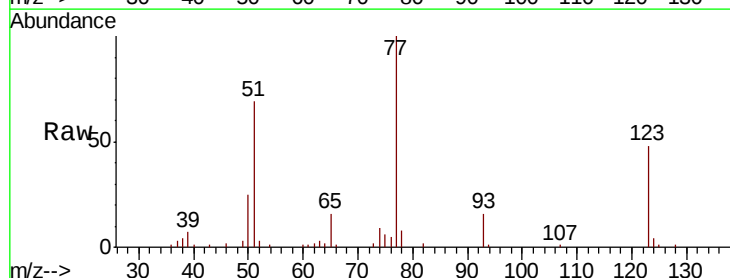
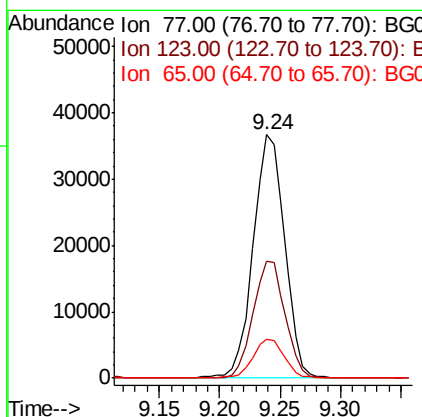
Manual Integrations
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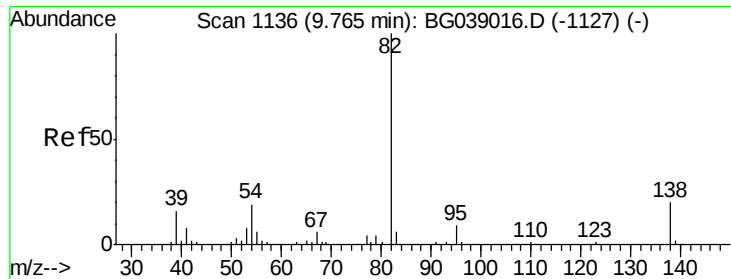
Sohil
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#24
Nitrobenzene
Concen: 39.466 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.6	56.4
65	15.9	11.0	16.6





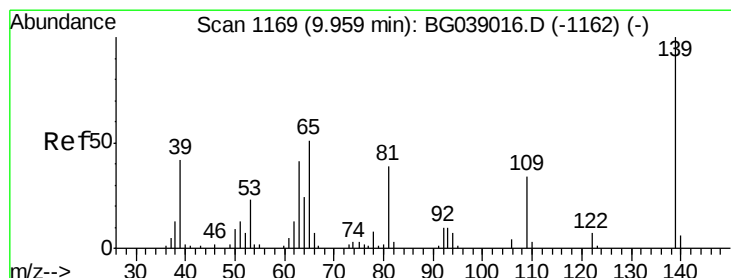
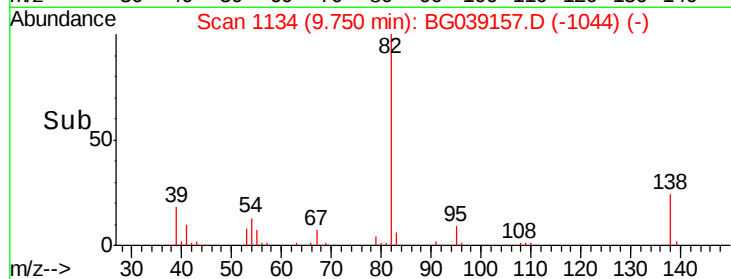
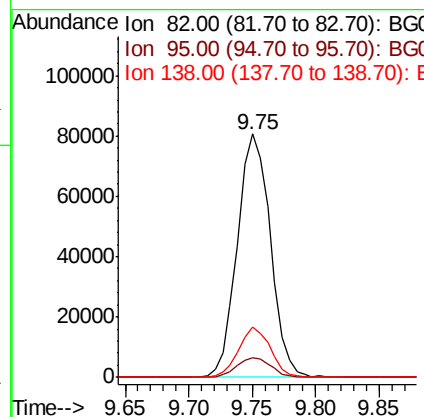
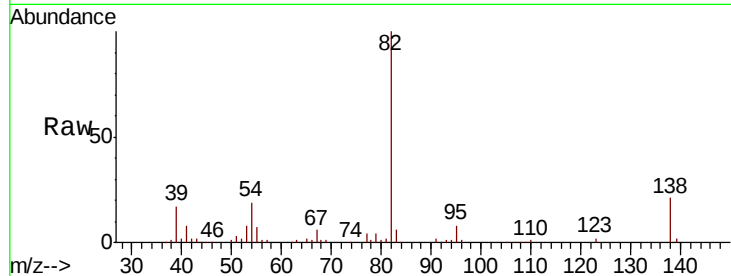
#25
Isophorone
Concen: 50.670 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.1	7.0	10.6	
138	20.6	16.2	24.4	

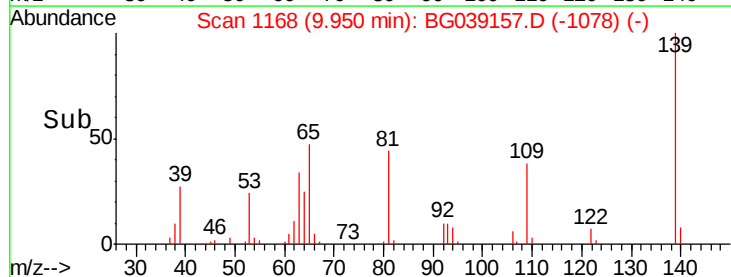
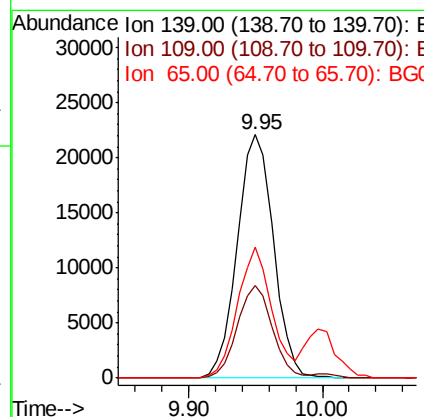
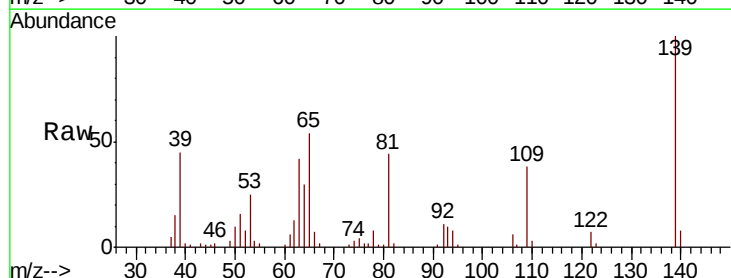
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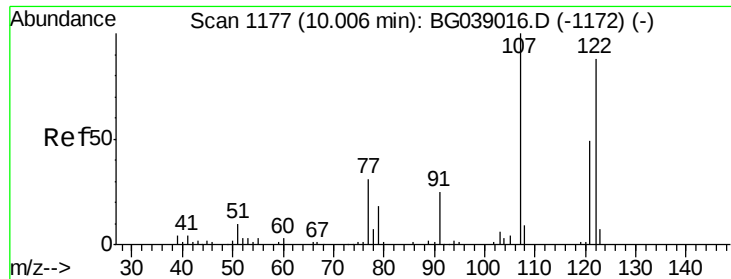
Sohil
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#26
2-Nitrophenol
Concen: 45.528 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.0	27.3	40.9	
65	53.6	40.6	61.0	





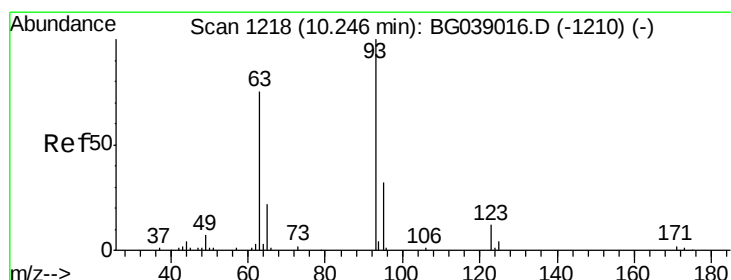
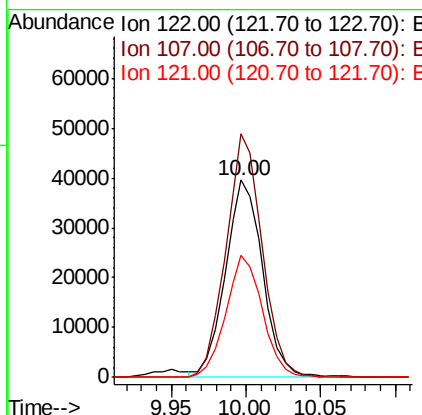
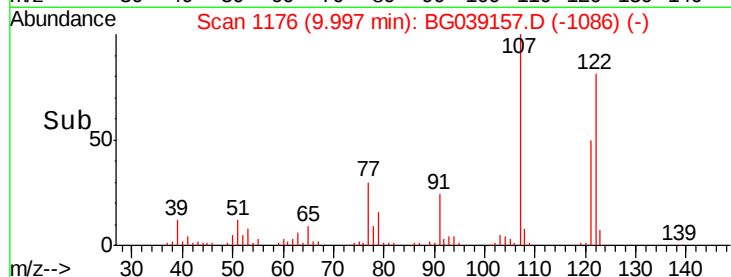
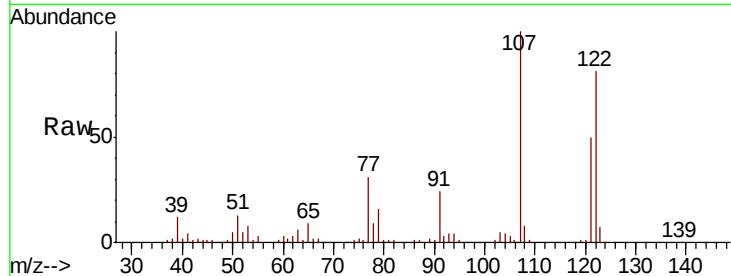
#27
 2,4-Dimethylphenol
 Concen: 53.341 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.6	88.8	133.2
121	62.3	43.1	64.7

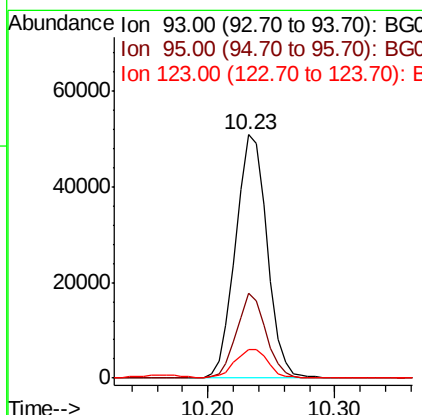
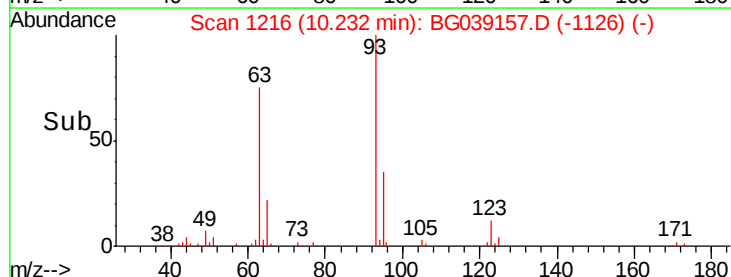
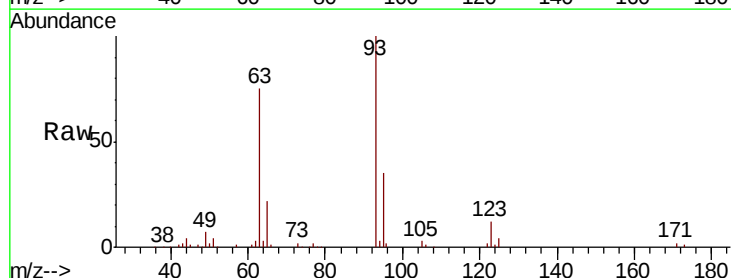
Manual Integrations
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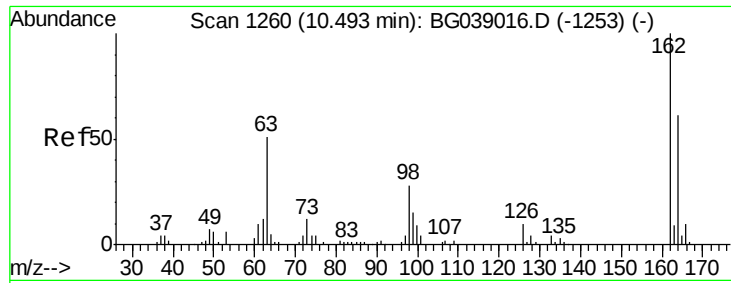
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.768 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.8	25.6	38.4
123	11.6	10.1	15.1





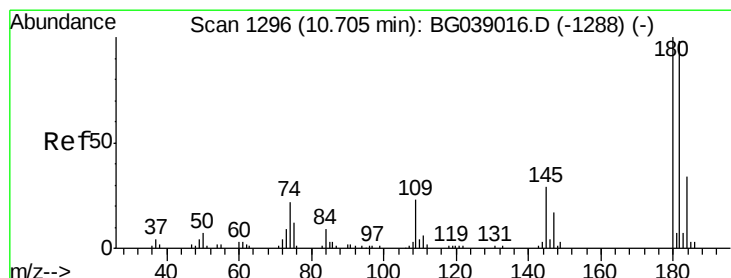
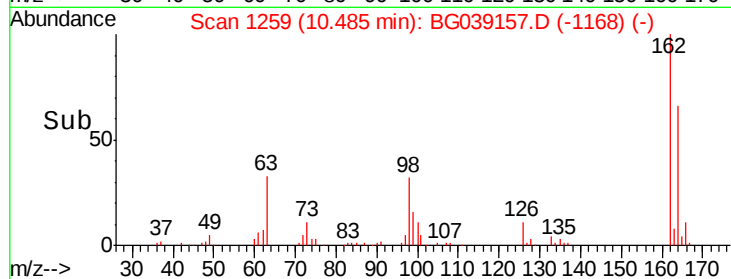
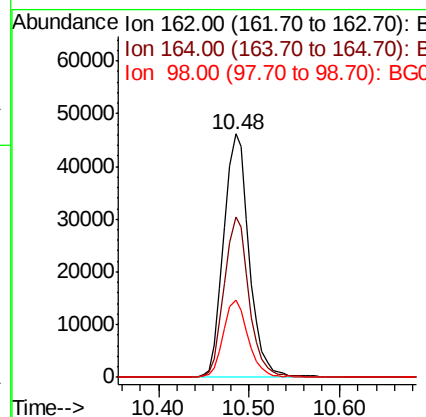
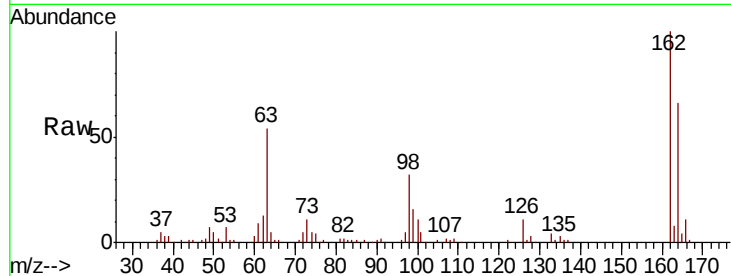
#29
2,4-Dichlorophenol
Concen: 56.125 ng
RT: 10.48 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	89621		
164	65.7	41.3	81.3	
98	31.8	8.3	48.3	

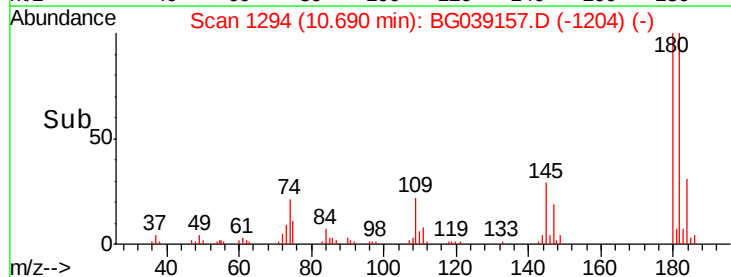
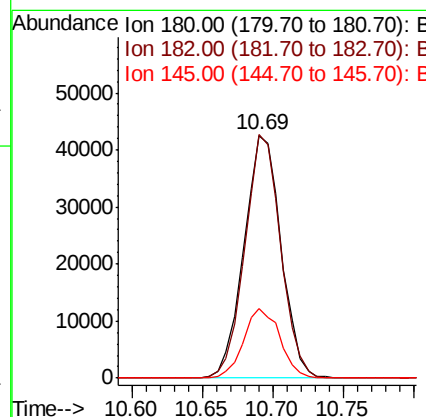
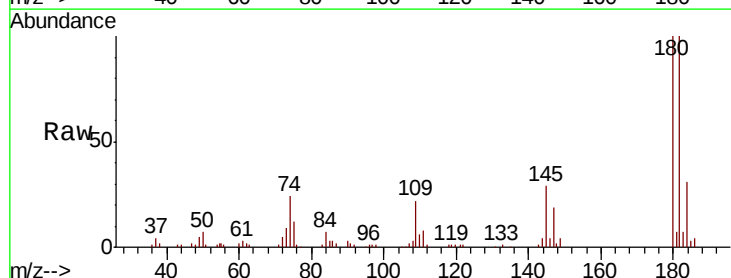
Manual Integrations
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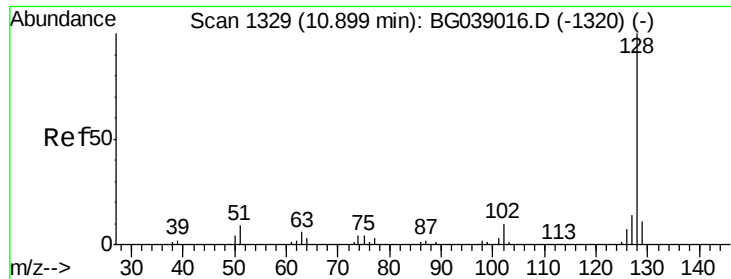
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#30
1,2,4-Trichlorobenzene
Concen: 40.669 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	78029		
182	100.3	78.1	117.1	
145	28.6	23.1	34.7	





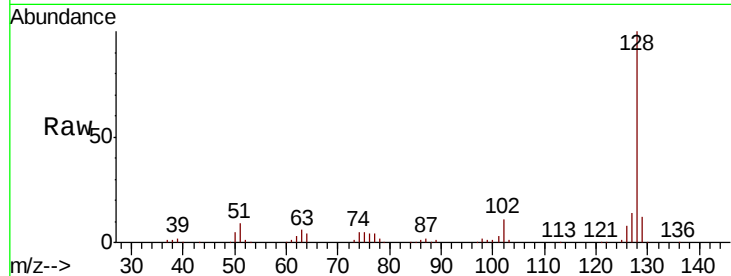
#31
Naphthalene
Concen: 43.215 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	198190		
129	11.6	9.1	13.7	
127	14.1	11.2	16.8	

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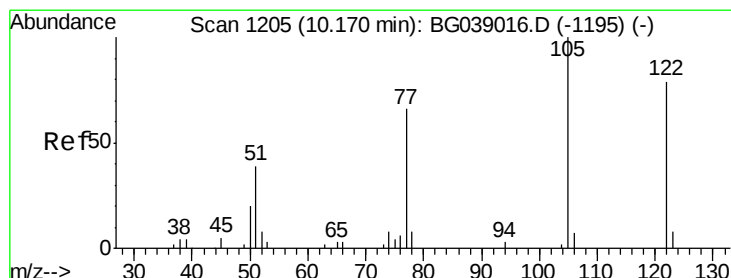
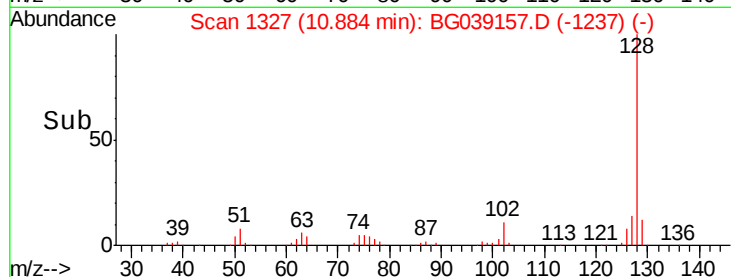
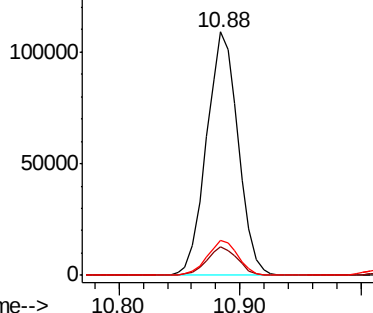


Abundance

Ion 128.00 (127.70 to 128.70): E

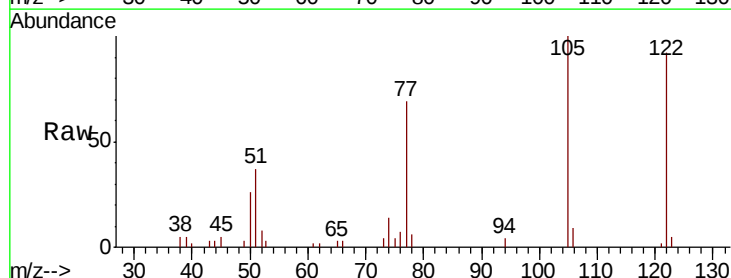
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.810 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	25947		
105	109.3	106.4	146.4	
77	75.4	63.6	103.6	

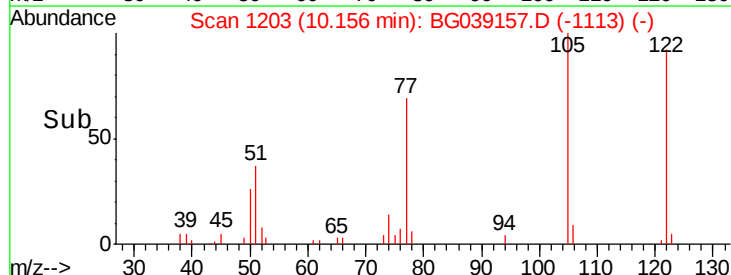
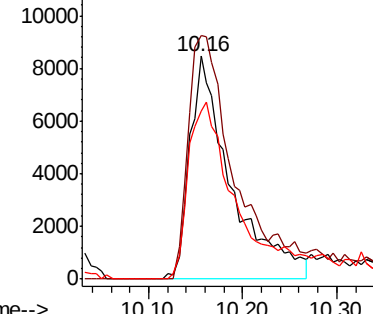


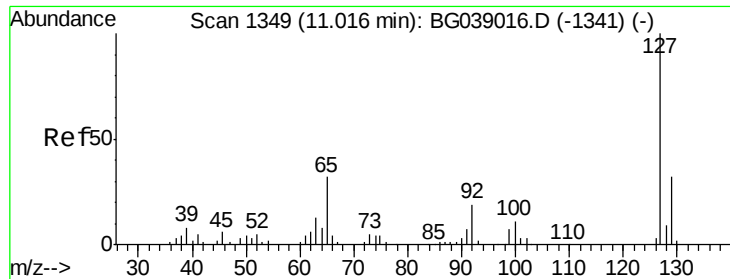
Abundance

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





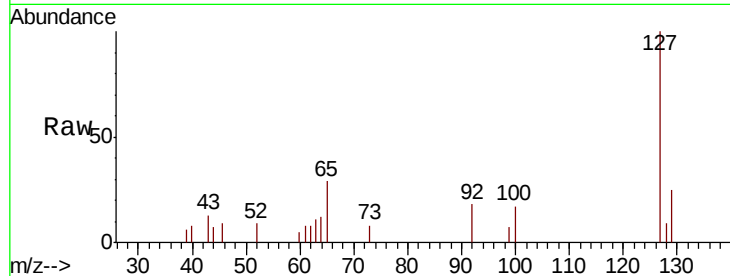
#33
4-Chloroaniline
Concen: 2.914 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

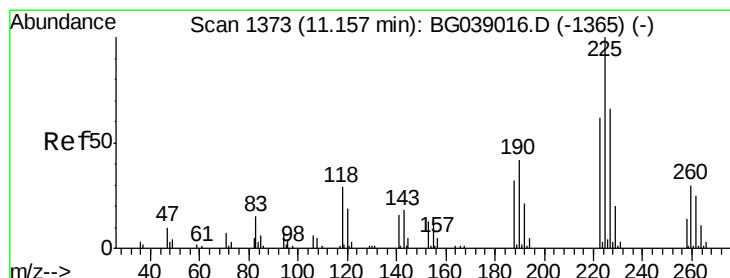
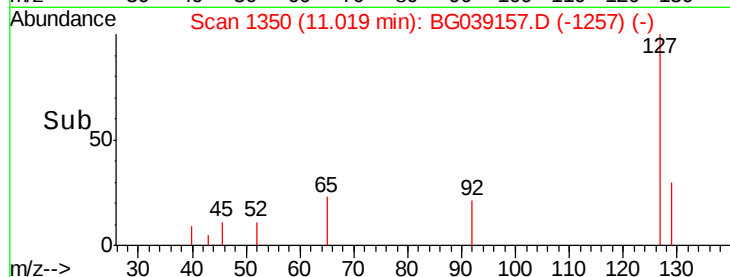
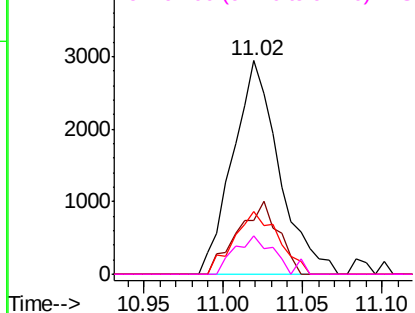
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	24.9	25.4	38.0		
65	29.3	25.4	38.0		
92	18.0	15.2	22.8		

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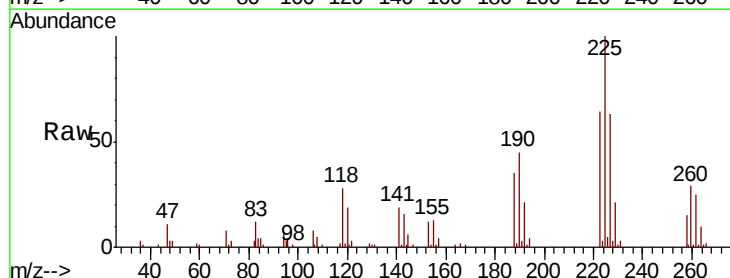


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

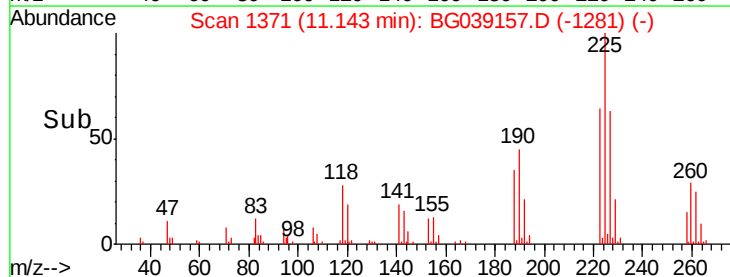
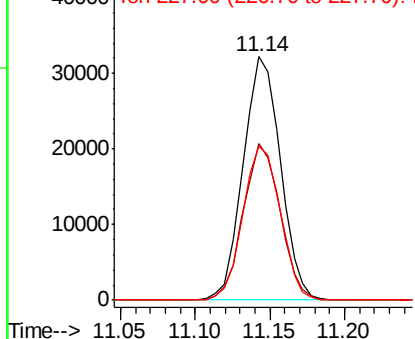


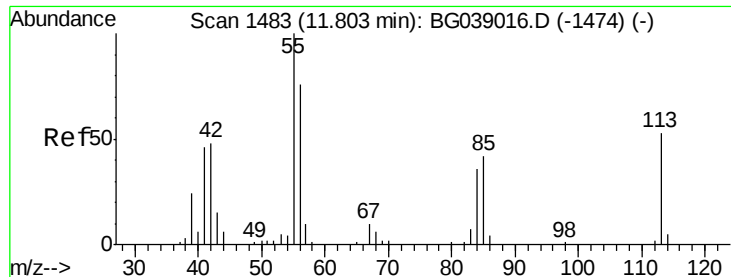
#34
Hexachlorobutadiene
Concen: 42.241 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	50.2	75.4		
227	65.7	53.2	79.8		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.658 ng/ml

RT: 11.79 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

ClientSampleId :

SU-02-011119-AMSD

Tot Ion:113 Resp: 19631

Ion Ratio Lower Upper

113 100

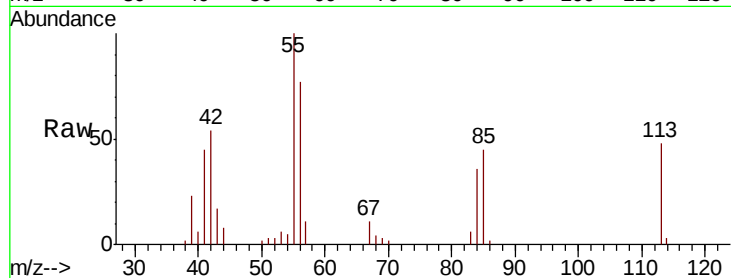
55 207.8 168.6 208.6

56 159.0 123.2 163.2

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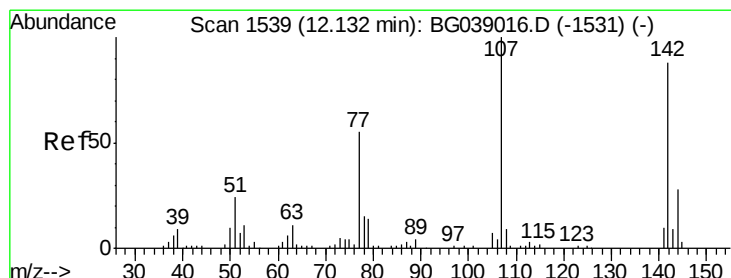
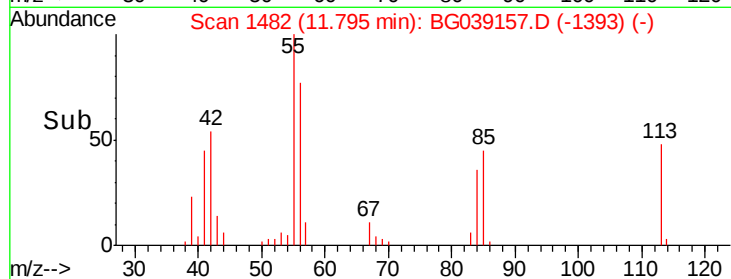
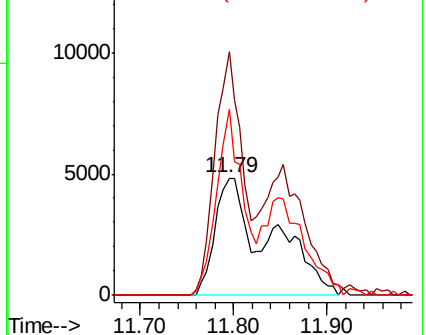
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039157.D (-1474) (-)

Ion 56.00 (55.70 to 56.70): BG039157.D (-1474) (-)



#36

4-Chloro-3-methylphenol

Concen: 49.247 ng/ml

RT: 12.12 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

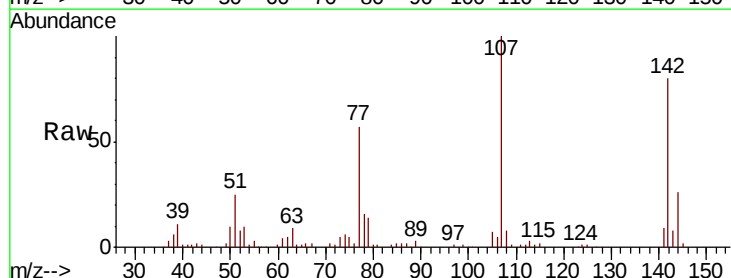
Tgt Ion:107 Resp: 84109

Ion Ratio Lower Upper

107 100

144 26.4 22.6 34.0

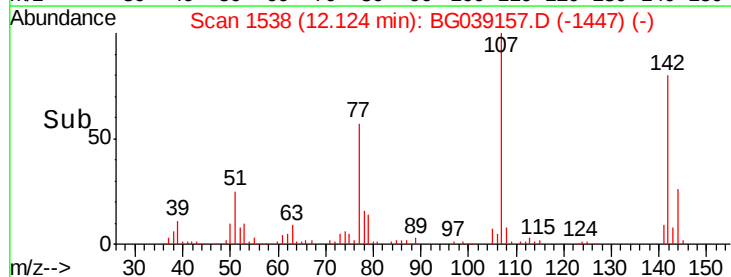
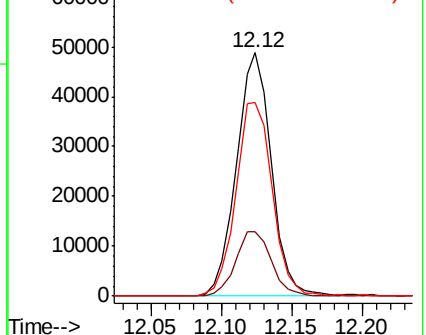
142 79.7 70.2 105.4

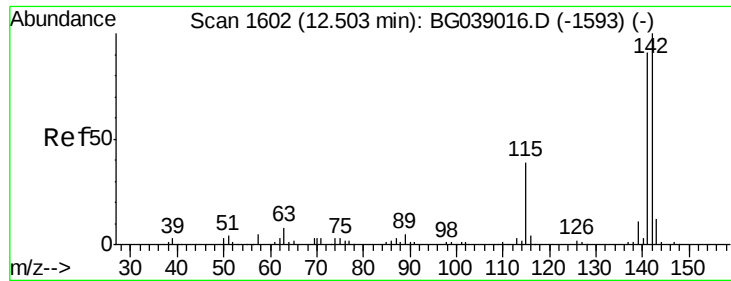


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





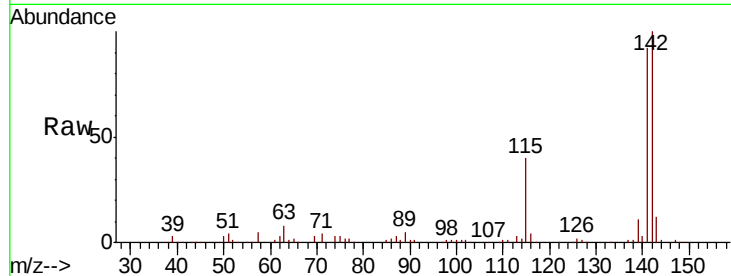
#37
2-Methylnaphthalene
Concen: 52.714 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	109.0
115	40.0	31.1	46.7

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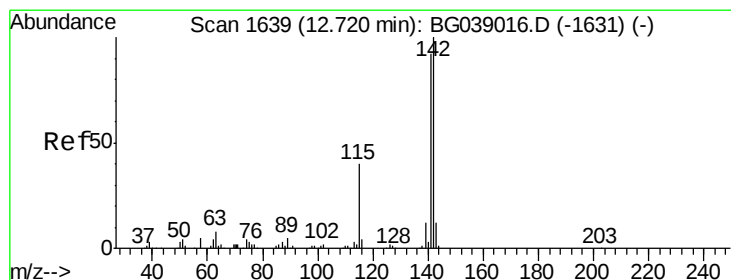
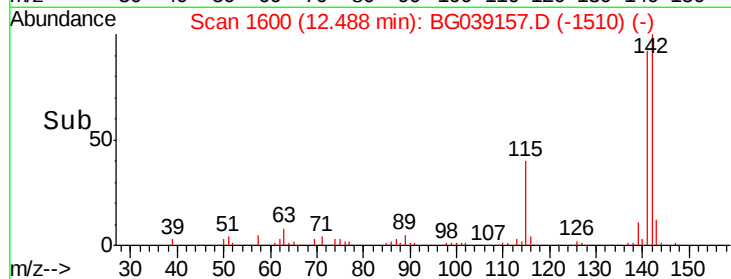
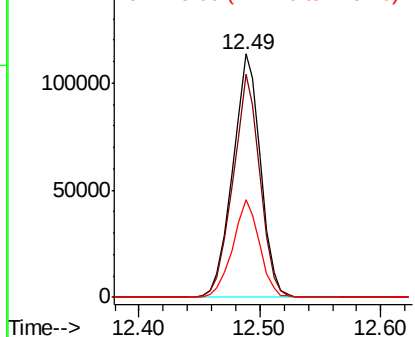


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.232 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

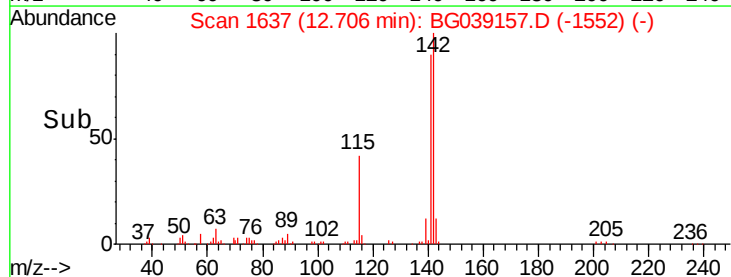
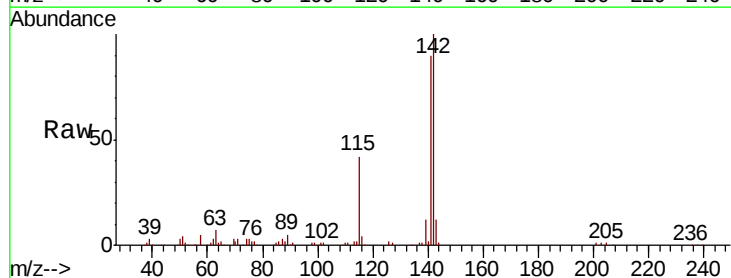
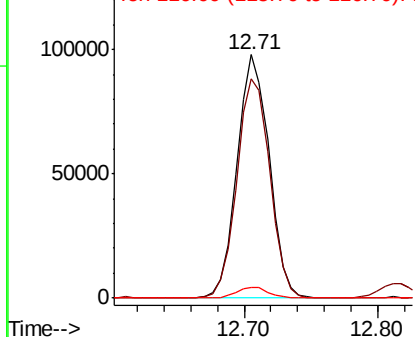
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.3	109.9
116	4.4	3.1	4.7

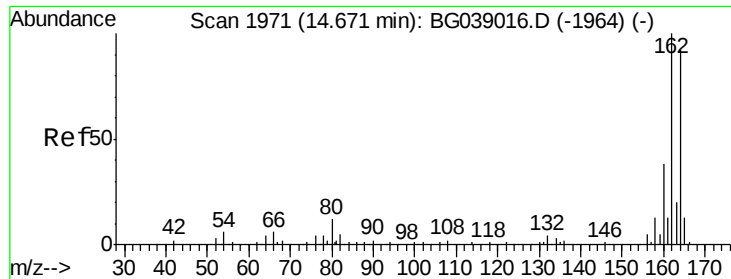
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

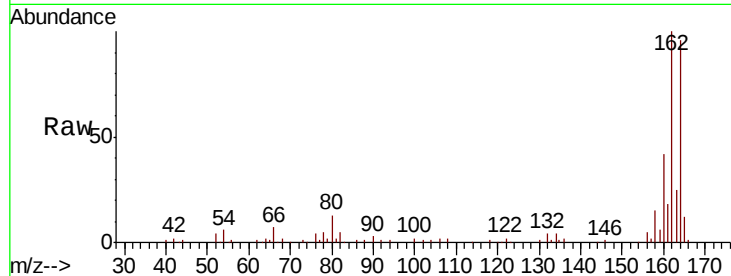
ClientSampleId :

SU-02-011119-AMSD

Tot Ion:	164	Resp:	65263
Ion Ratio	Lower	Upper	
164	100		
162	103.9	87.2	130.8
160	43.8	33.3	49.9

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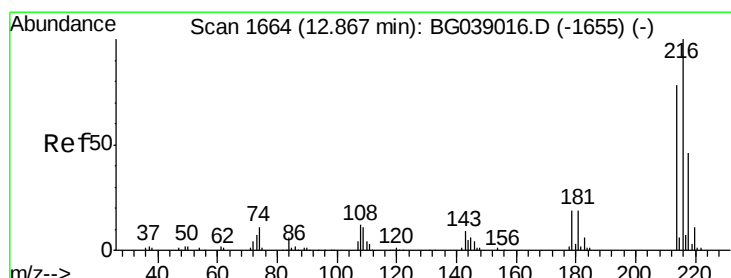
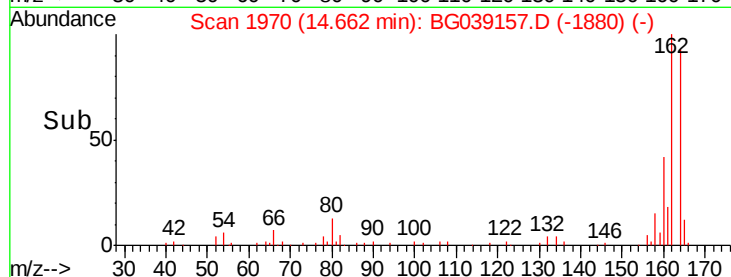
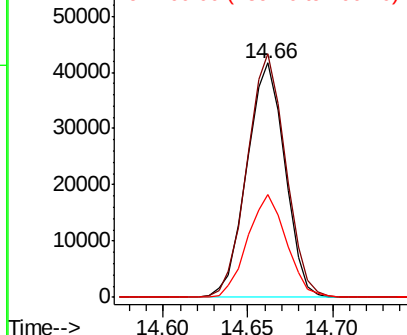


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.641 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Tgt Ion:	216	Resp:	104512
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.4	95.2
179	20.0	15.5	23.3
108	15.5	11.4	17.2

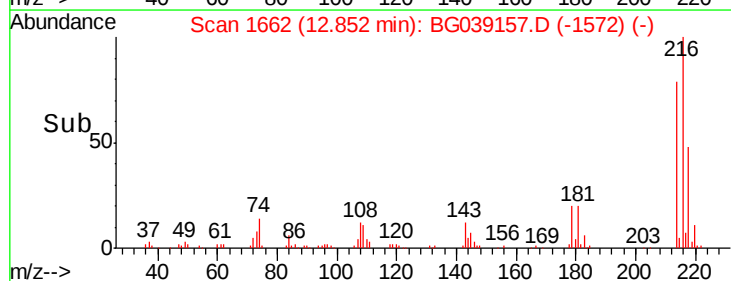
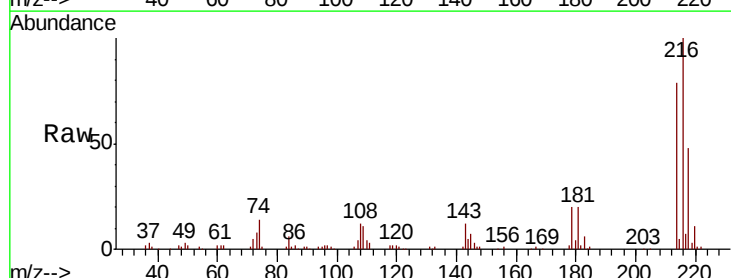
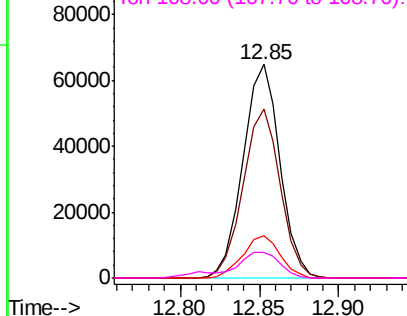
Abundance

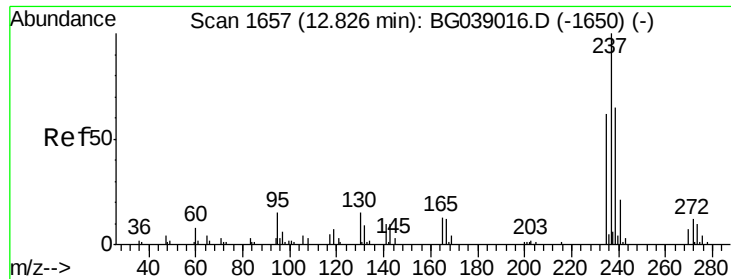
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.648 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

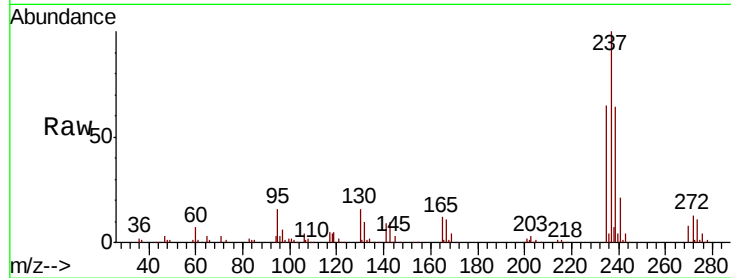
ClientSampleId :

SU-02-011119-AMSD

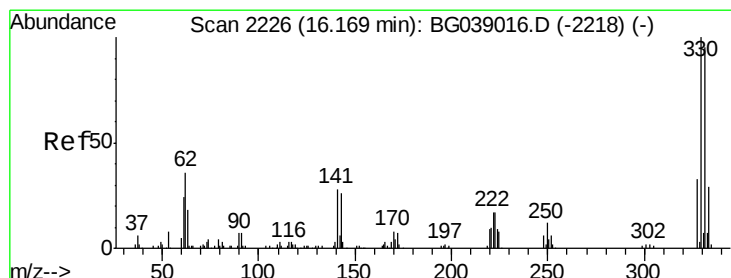
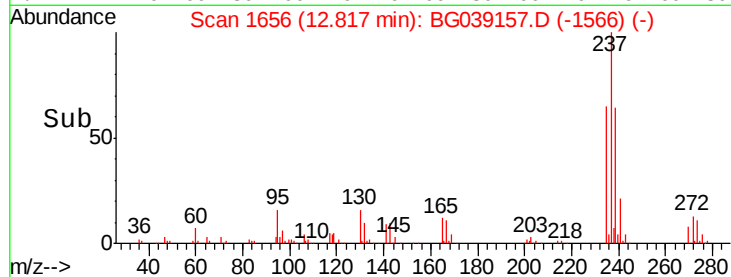
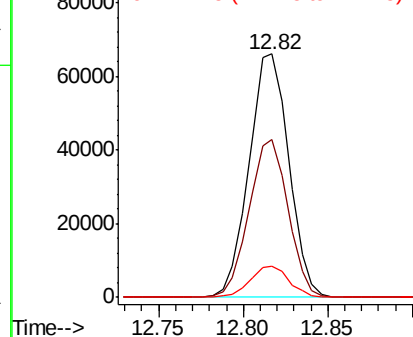
Tot Ion:	237	Resp:	108423
Ion Ratio	Lower	Upper	
237	100		
235	64.8	41.7	81.7
272	13.0	0.0	32.1

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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: 154.802 ng

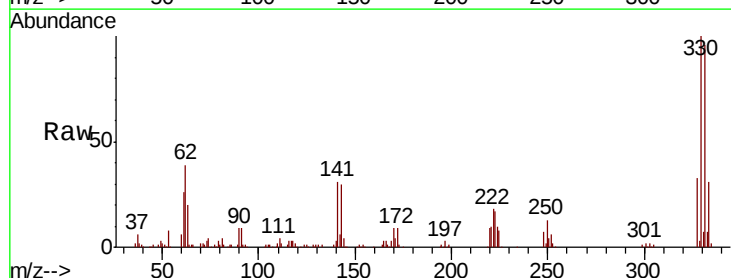
RT: 16.15 min Scan# 2224

Delta R.T. -0.00 min

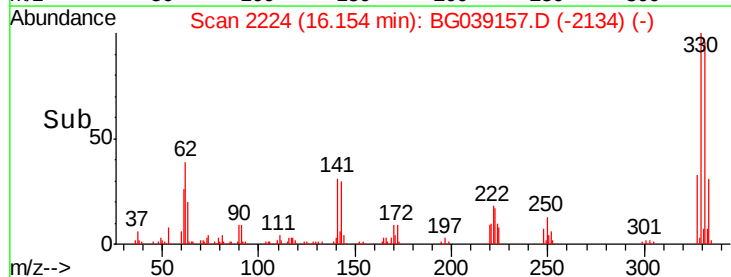
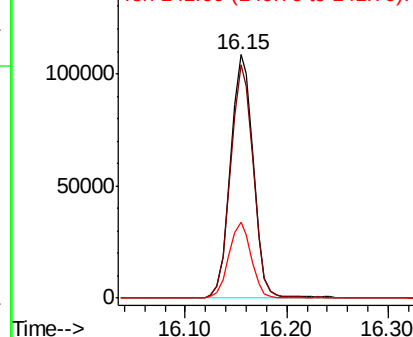
Lab File: BG039157.D

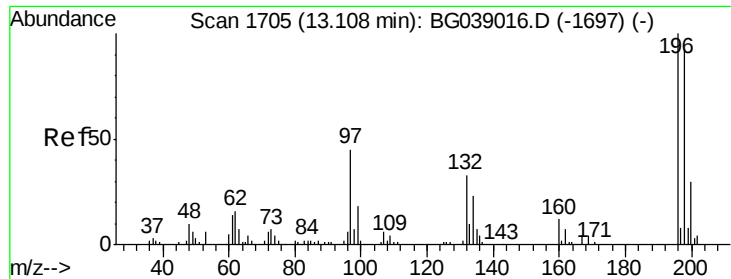
Acq: 16 Jan 2019 15:04

Tgt Ion:	330	Resp:	169352
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.7	113.5
141	30.6	24.9	37.3



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





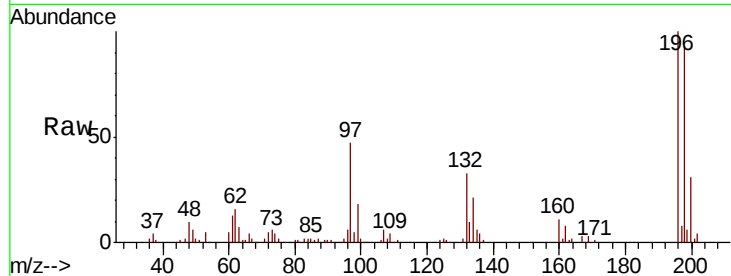
#43
 2,4,6-Trichlorophenol
 Concen: 48.389 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.5	111.7
200	31.3	23.8	35.6

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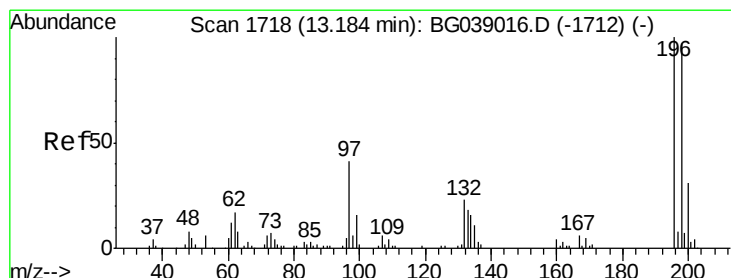
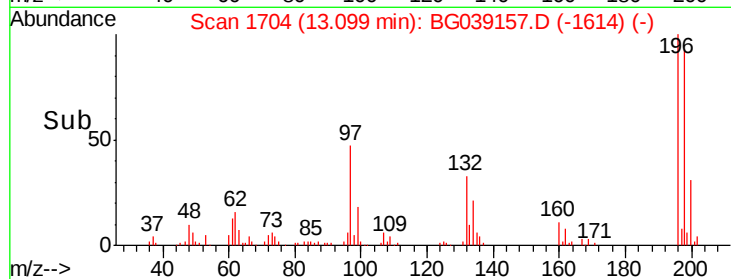
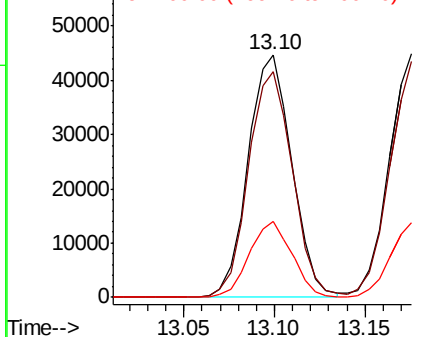


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 48.024 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	78.1	117.1
97	40.9	33.2	49.8
132	21.4	18.2	27.4

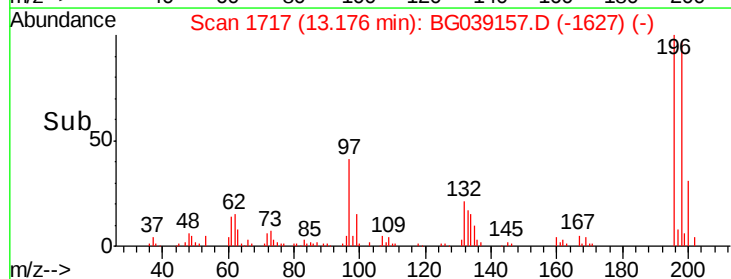
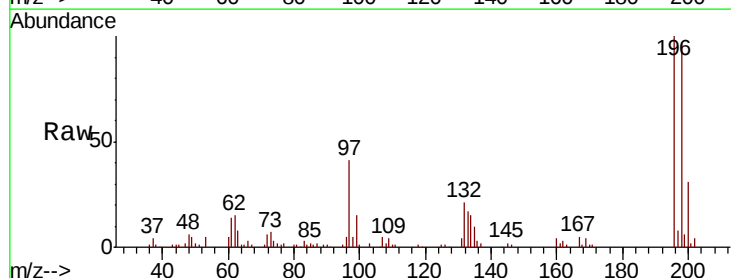
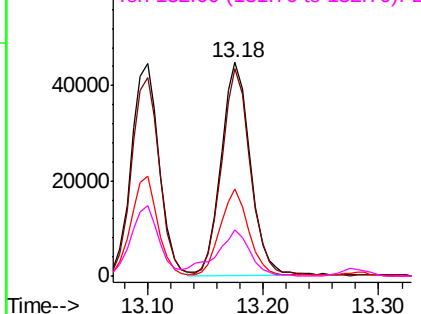
Abundance

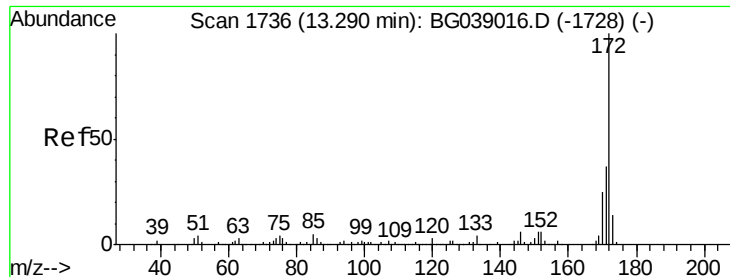
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





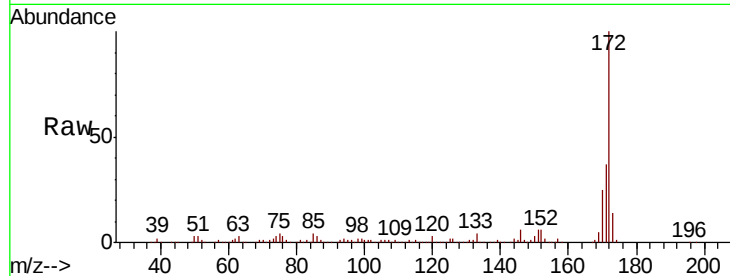
#45
2-Fluorobiphenyl
Concen: 94.110 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.0
170	24.6	20.1	30.1

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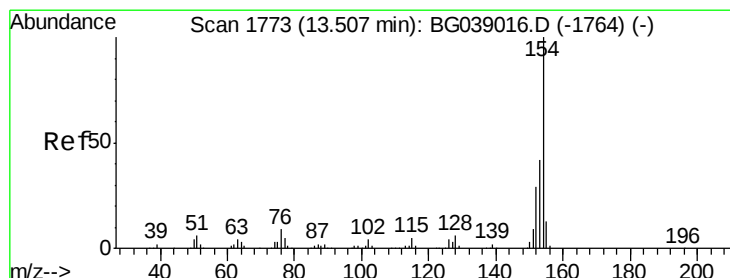
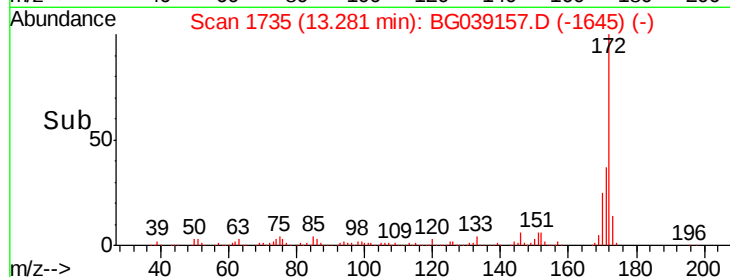
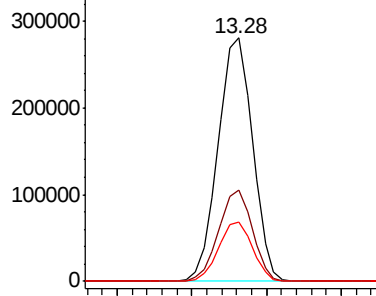


Abundance

Ion 172.00 (171.70 to 172.70): E

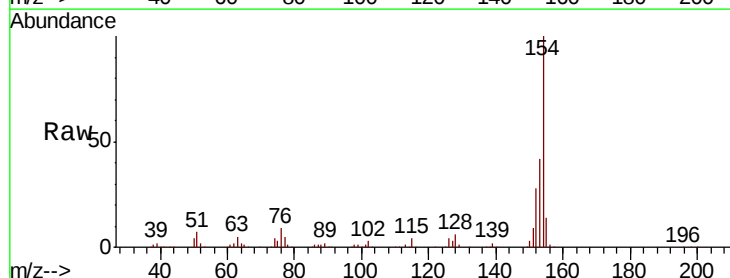
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.395 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.4	62.4
76	8.6	0.0	29.4

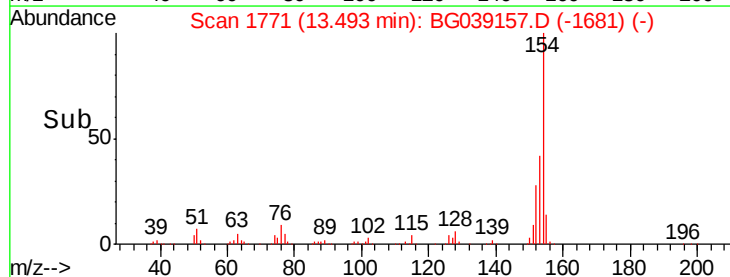
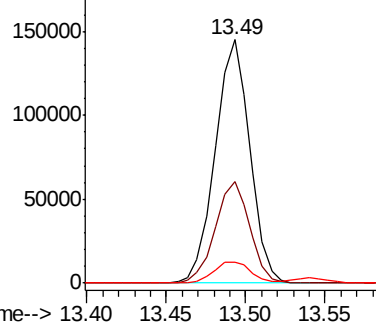


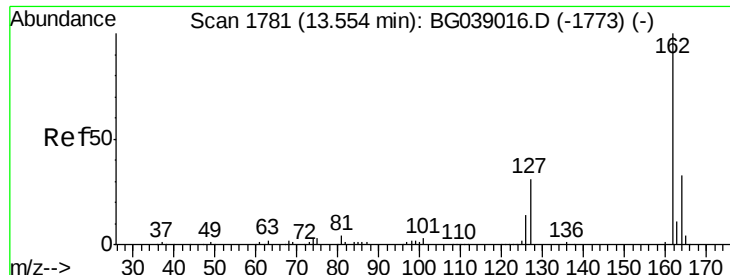
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





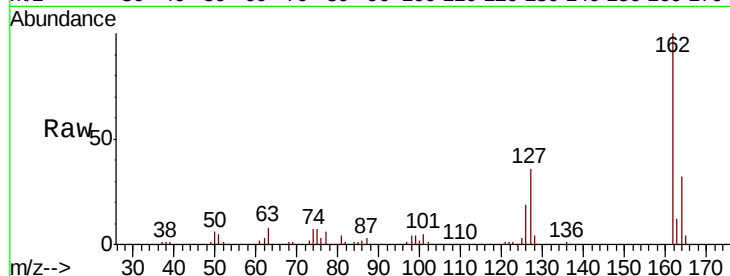
#47
 2-Chloronaphthalene
 Concen: 41.806 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	28.4	42.6
164	32.2	26.3	39.5

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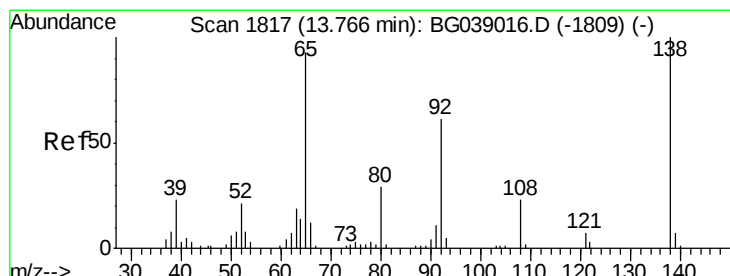
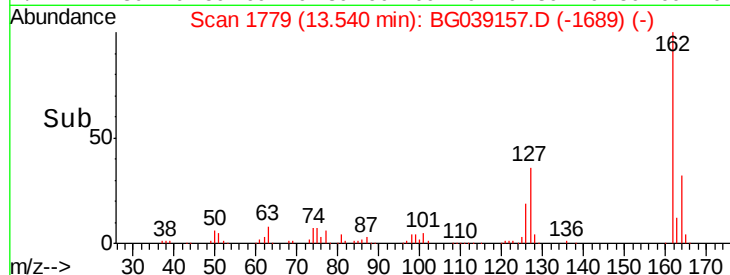
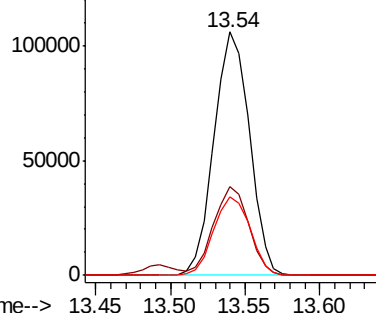


Abundance

Ion 162.00 (161.70 to 162.70): E

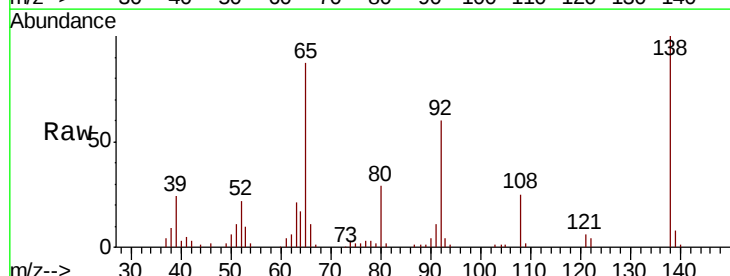
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 43.871 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	52.2	78.4
138	114.4	86.0	129.0

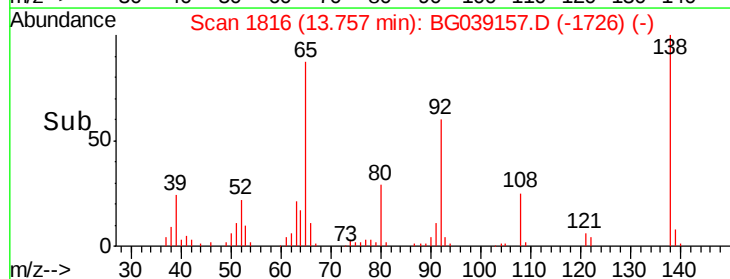
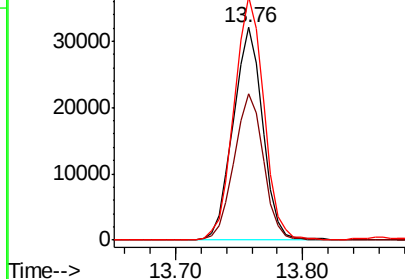


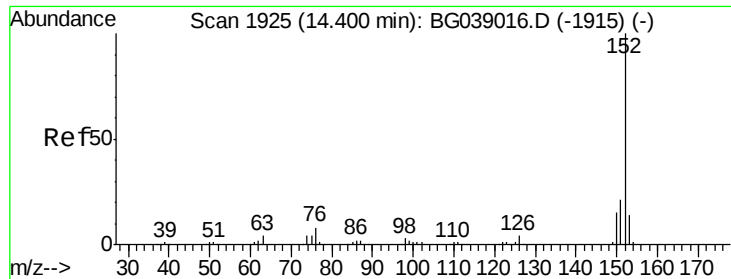
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





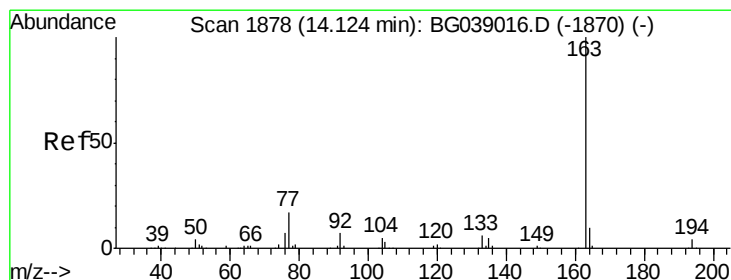
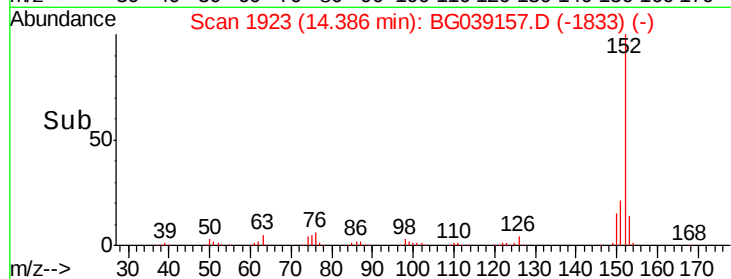
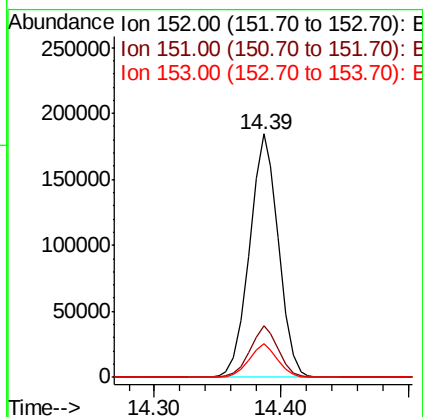
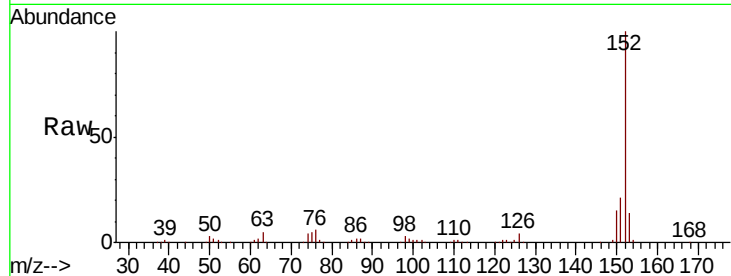
#49
Acenaphthylene
Concen: 46.289 ng
RT: 14.39 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.0	25.4
153	13.9	11.2	16.8

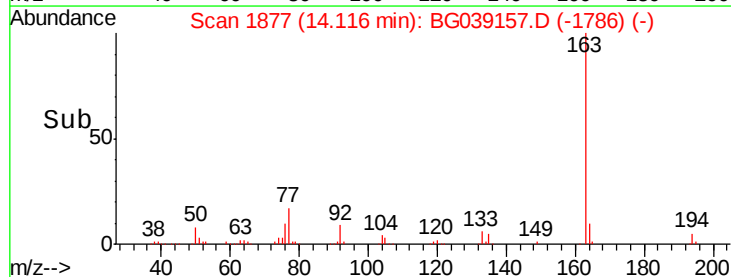
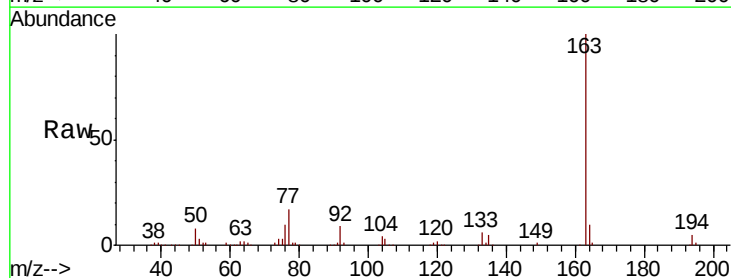
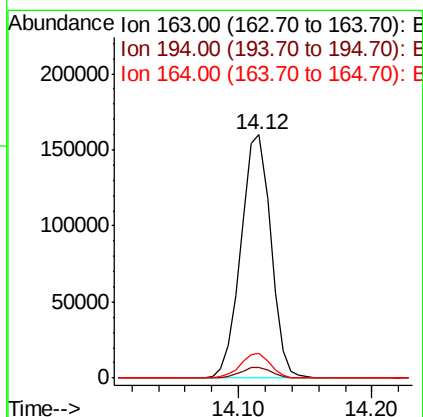
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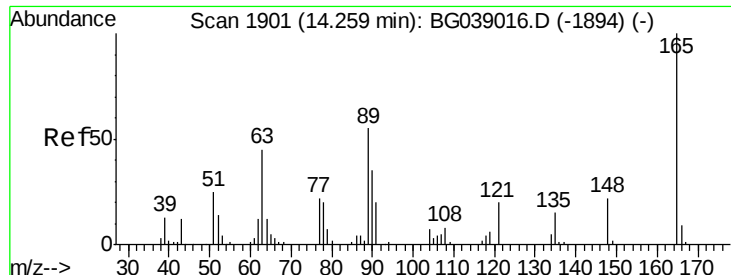
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#50
Dimethylphthalate
Concen: 44.932 ng
RT: 14.12 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.3	8.2	12.2





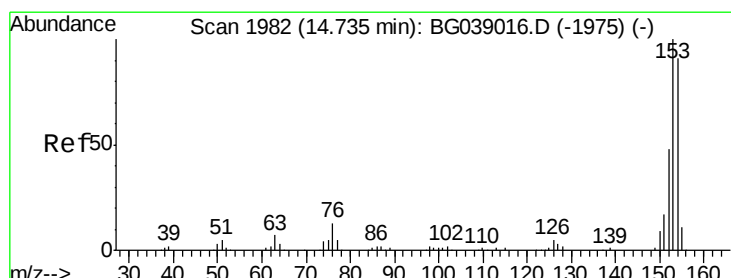
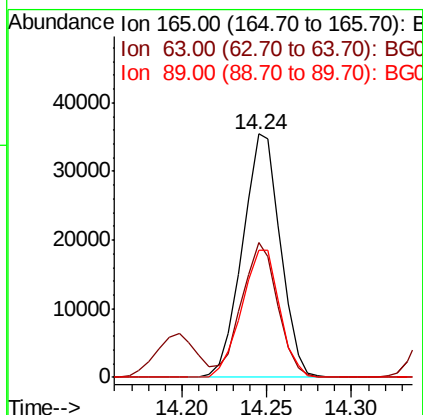
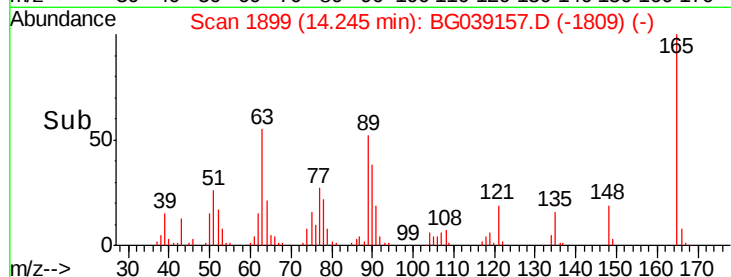
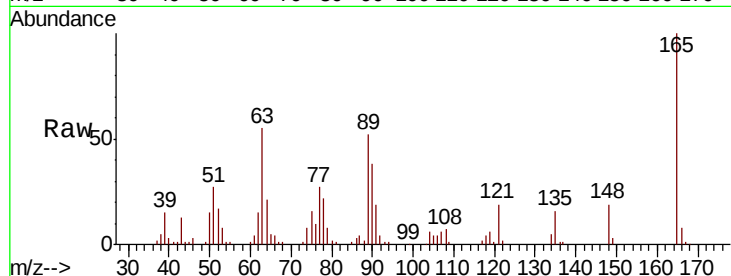
#51
 2,6-Dinitrotoluene
 Concen: 44.841 ng
 RT: 14.24 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.2	43.6	65.4
89	52.3	43.7	65.5

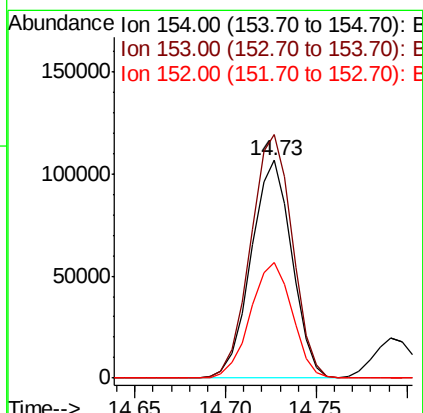
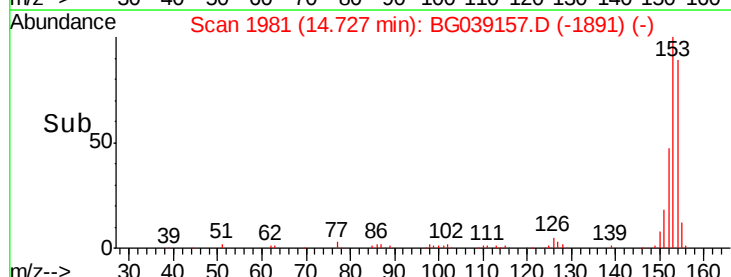
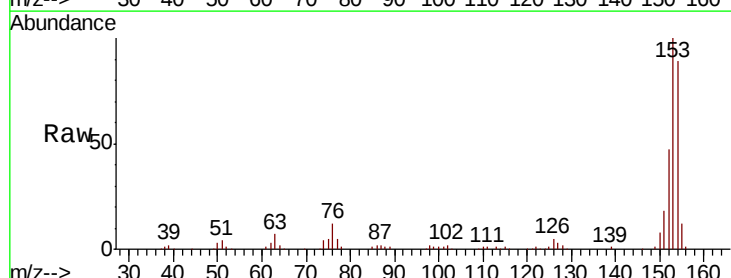
Manual Integrations
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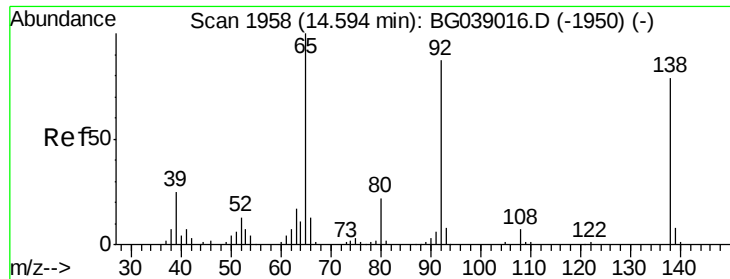
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#52
 Acenaphthene
 Concen: 44.151 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	87.9	131.9
152	53.0	42.2	63.2





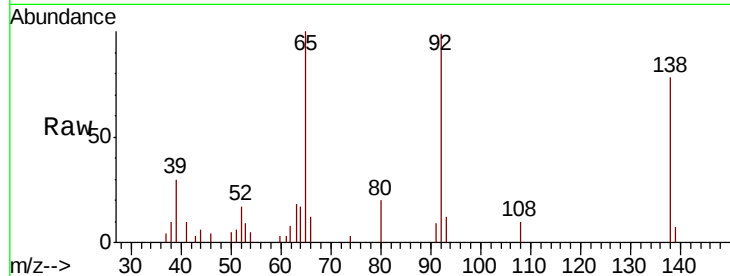
#53
3-Nitroaniline
Concen: 5.747 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

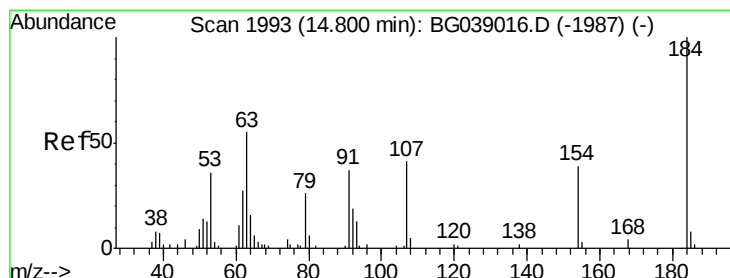
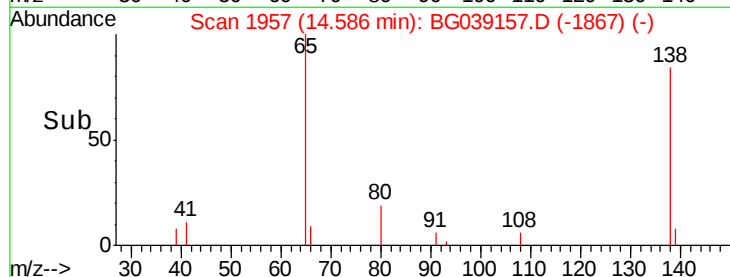
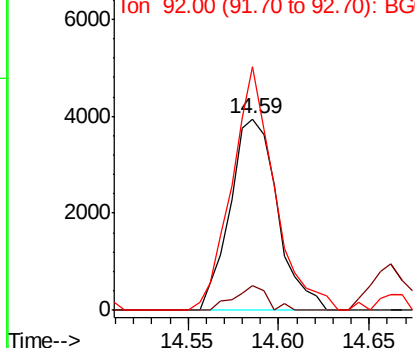
Tot Ion:138 Resp: 7189
Ion Ratio Lower Upper
138 100
108 12.6 7.4 11.0#
92 127.2 88.2 132.4

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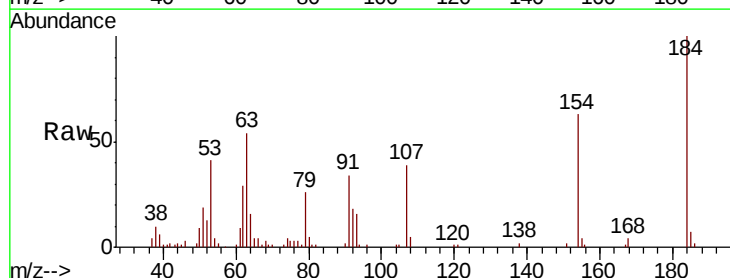


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

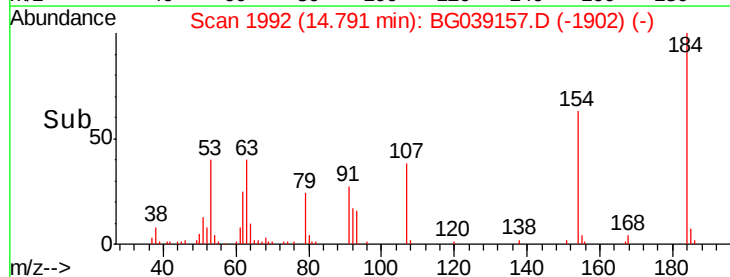
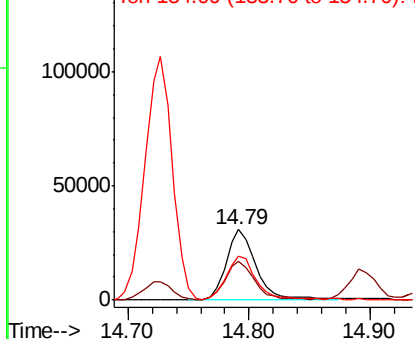


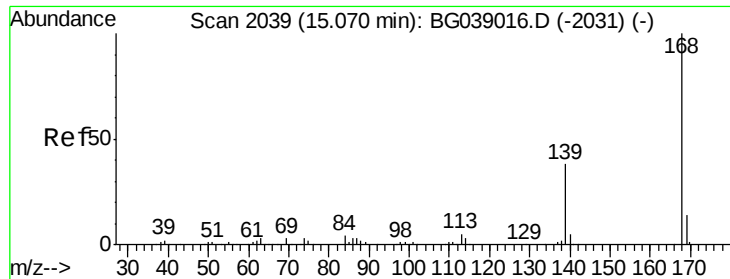
#54
2,4-Dinitrophenol
Concen: 72.707 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion:184 Resp: 53210
Ion Ratio Lower Upper
184 100
63 54.3 44.0 66.0
154 62.7 46.1 69.1



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





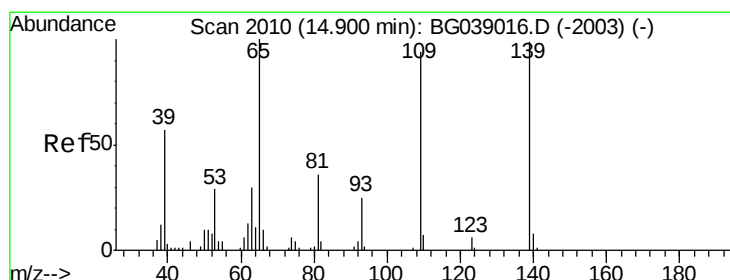
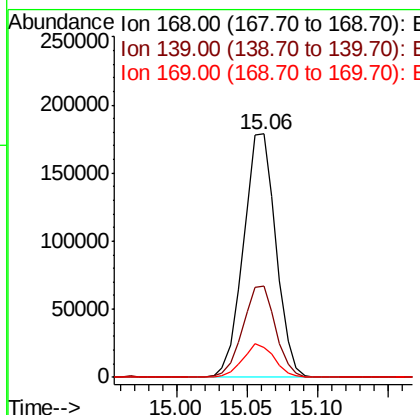
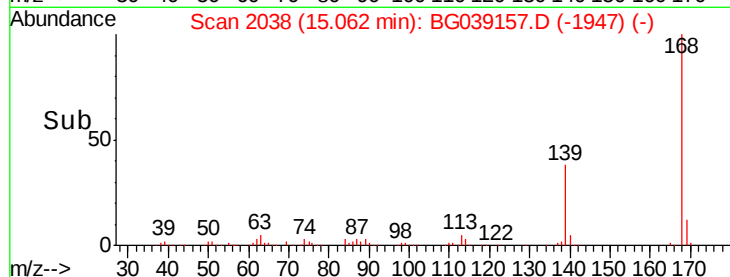
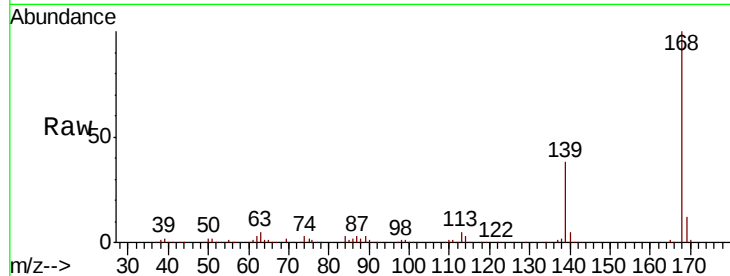
#55
Dibenzenofuran
Concen: 43.184 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion:	168	Resp:	288226
Ion Ratio	Lower	Upper	
168	100		
139	37.7	30.1	45.1
169	12.4	10.9	16.3

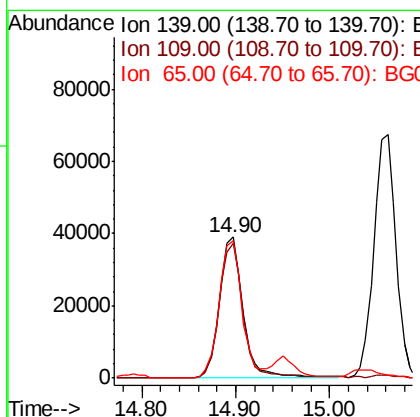
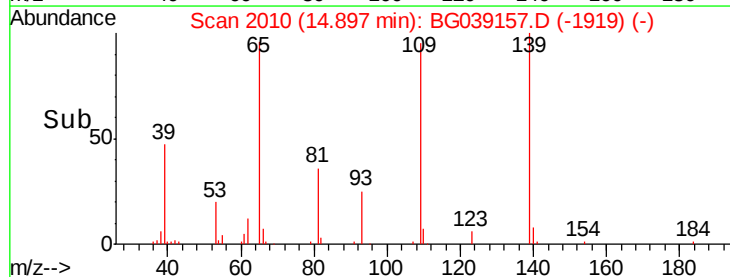
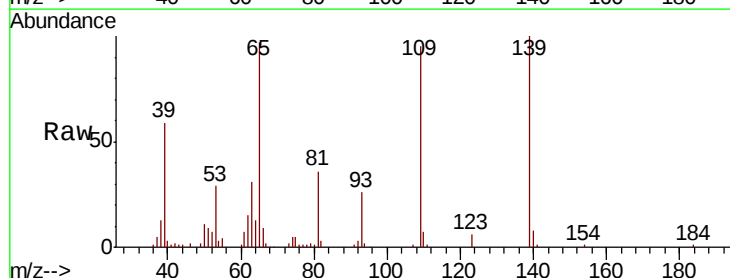
Manual Integrations
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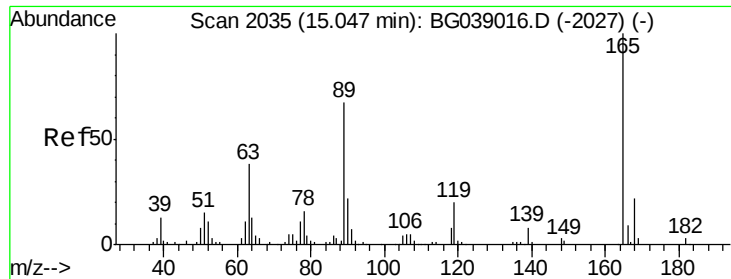
Sohil
1/17/2019 2:09:12 PM



#56
4-Nitrophenol
Concen: 77.473 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion:	139	Resp:	69725
Ion Ratio	Lower	Upper	
139	100		
109	95.5	75.6	115.6
65	97.3	81.2	121.2





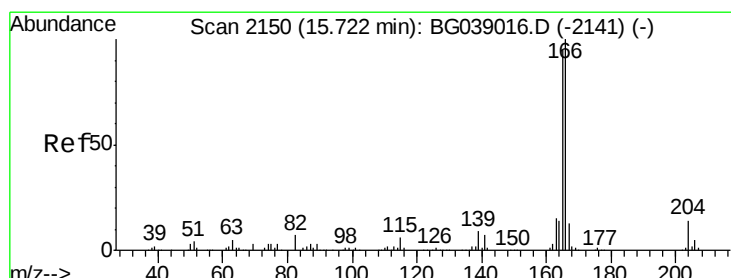
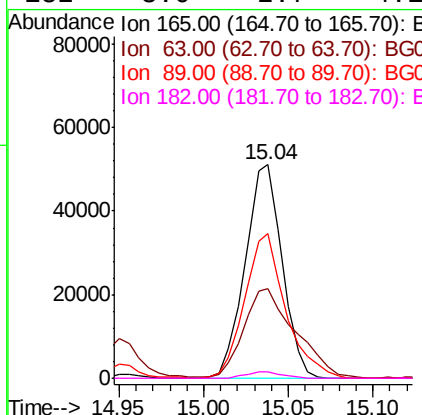
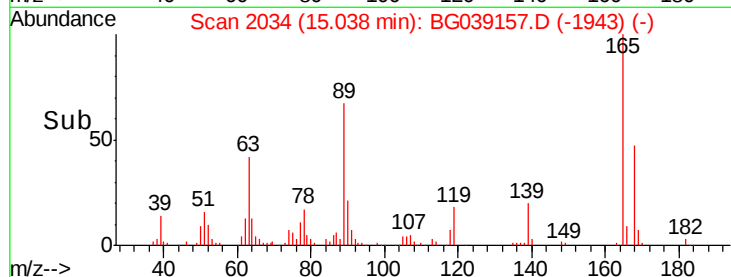
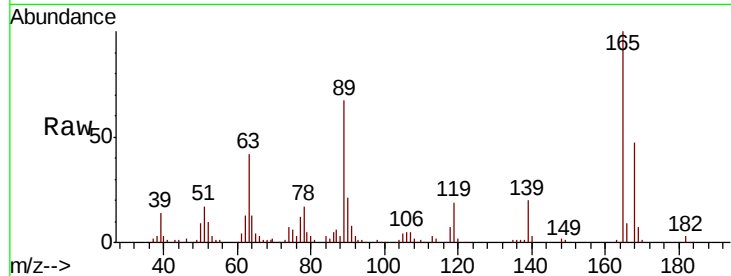
#57
2,4-Dinitrotoluene
Concen: 44.052 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	77927		
63	42.3		30.2	45.4
89	67.5		53.2	79.8
182	3.0		2.7	4.1

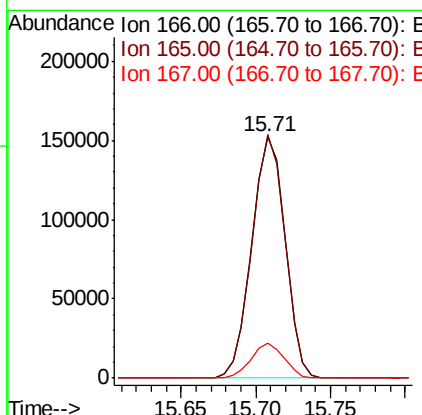
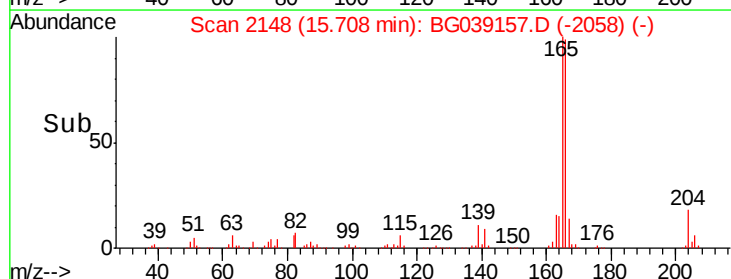
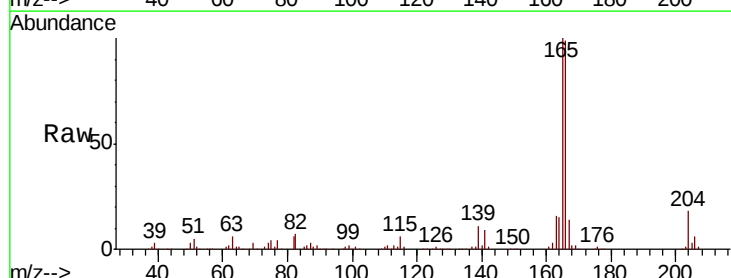
Manual Integrations
APPROVED

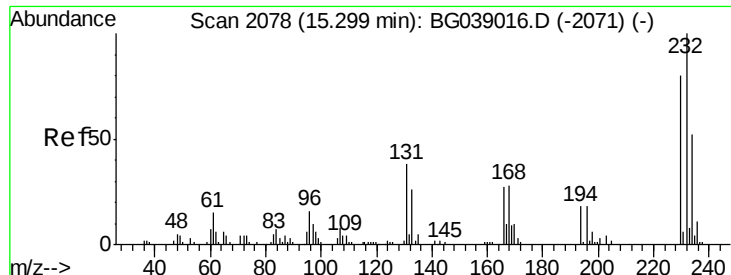
Sohil
1/17/2019 2:09:12 PM



#58
Fluorene
Concen: 46.786 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	235051		
165	100.9		76.2	114.2
167	14.3		10.6	16.0





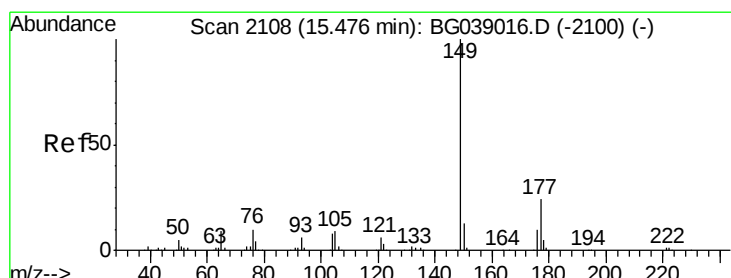
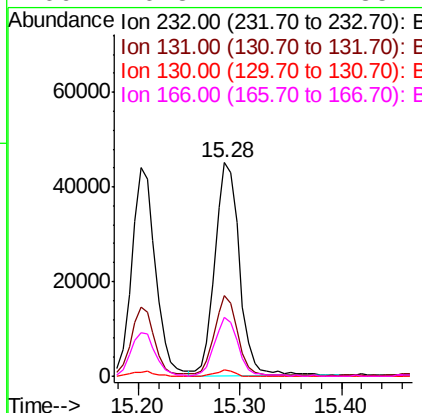
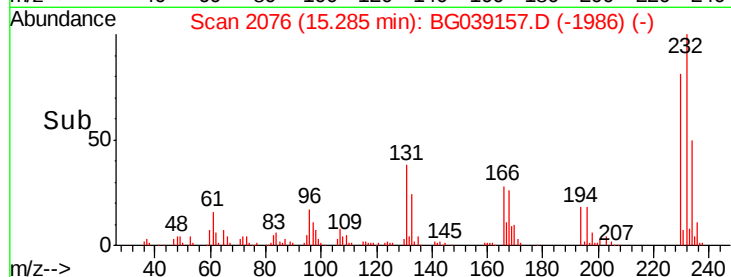
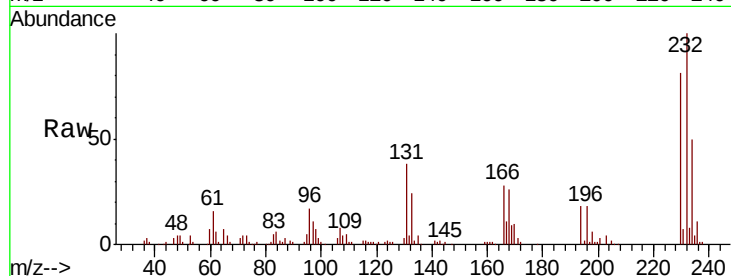
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.294 ng
RT: 15.28 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.1	30.9	46.3
130	2.2	1.9	2.9
166	26.8	22.1	33.1

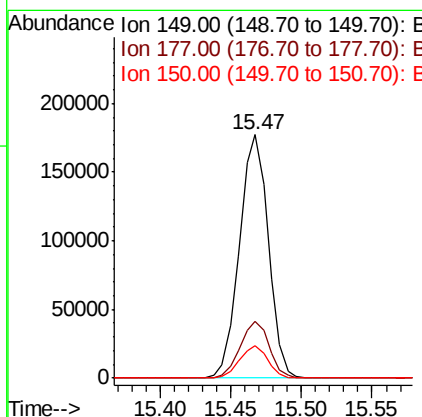
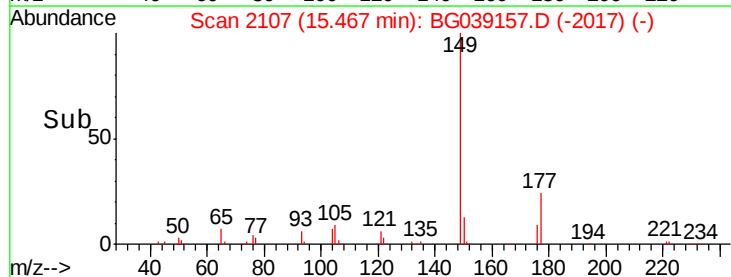
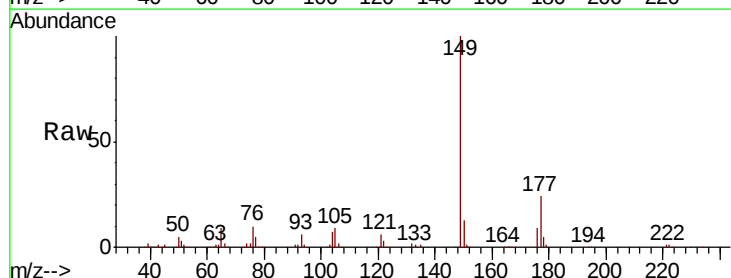
Manual Integrations
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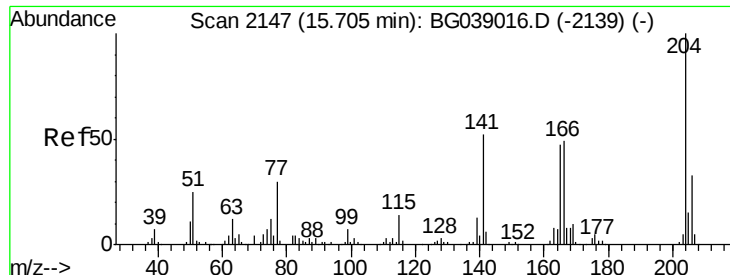
Sohil
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#60
Diethylphthalate
Concen: 44.552 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.6
150	13.4	10.2	15.4





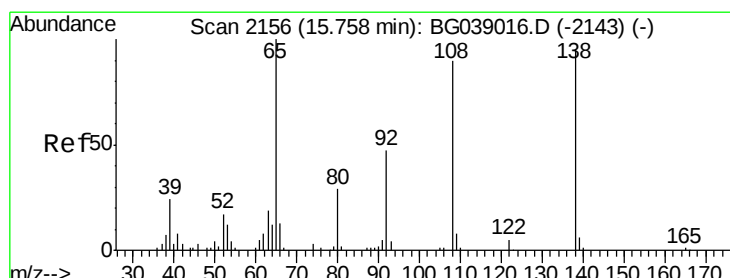
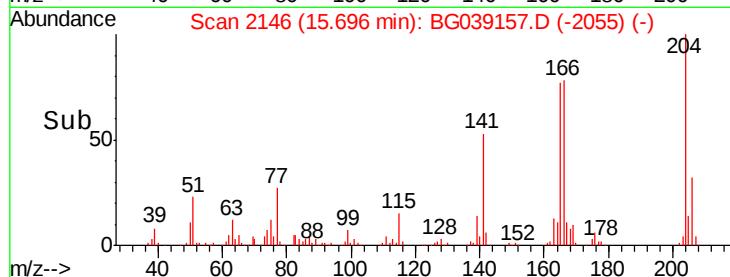
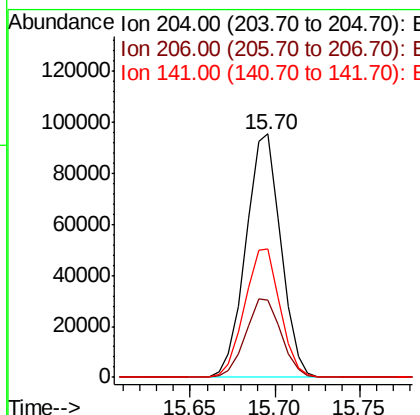
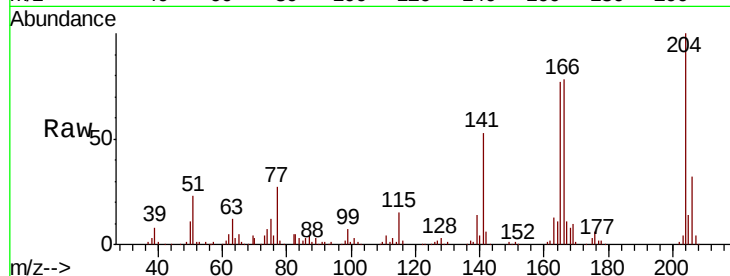
#61
4-Chlorophenyl-phenylether
Concen: 43.547 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.6	39.8
141	52.5	41.4	62.0

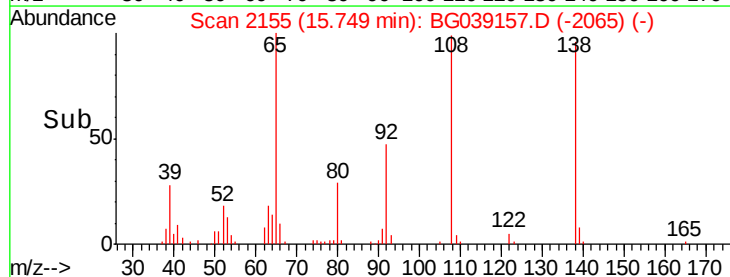
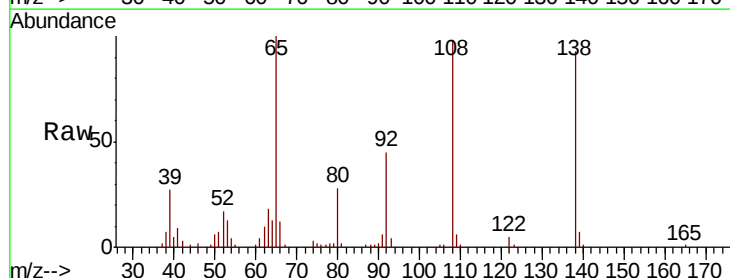
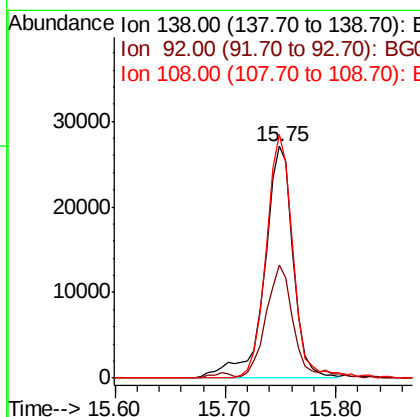
Manual Integrations
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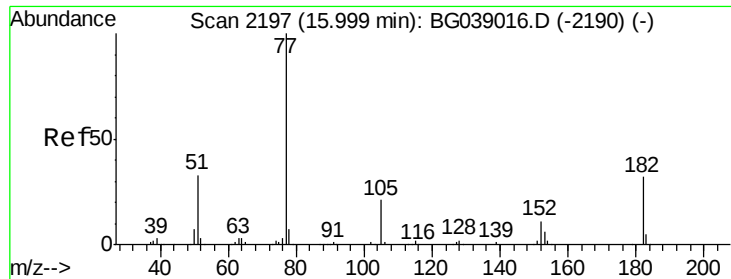
Sohil
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#62
4-Nitroaniline
Concen: 37.731 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	29.7	69.7
108	105.0	75.7	115.7





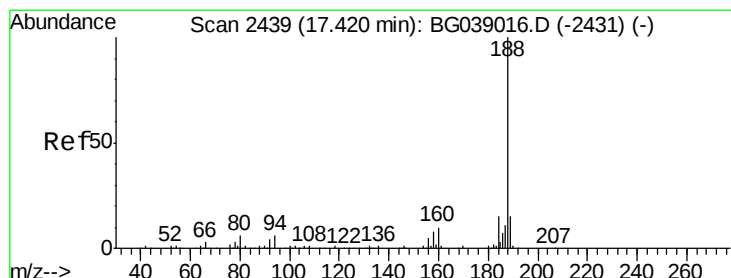
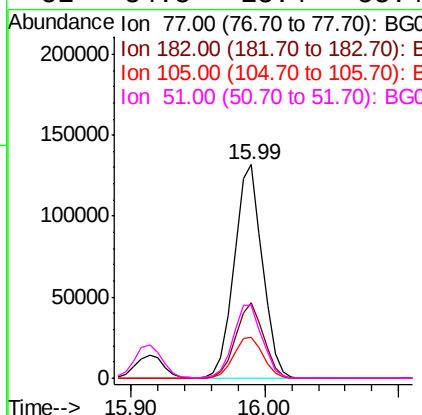
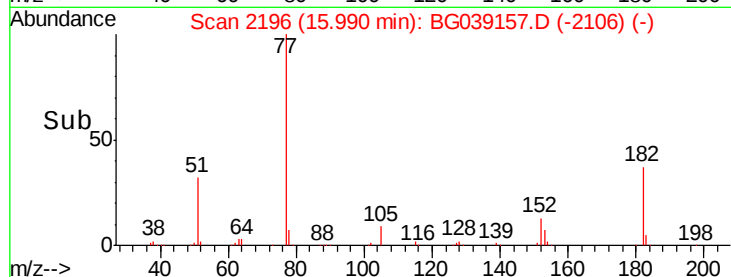
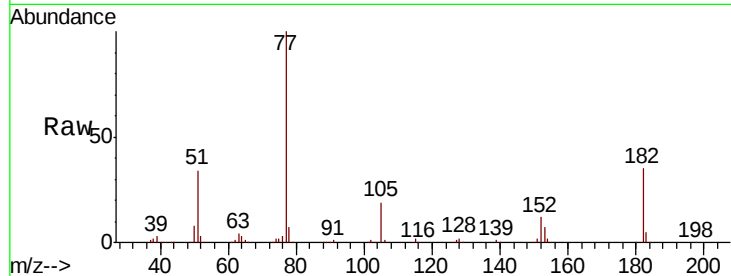
#63
Azobenzene
Concen: 43.305 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.3	12.2	52.2	
105	19.3	1.2	41.2	
51	34.3	13.4	53.4	

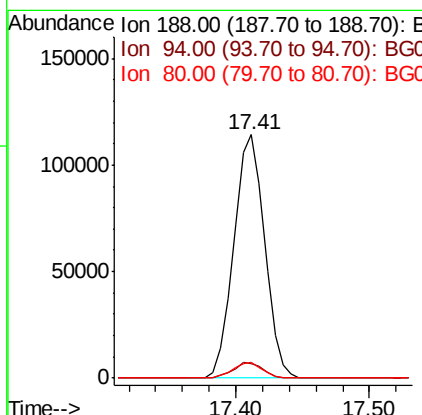
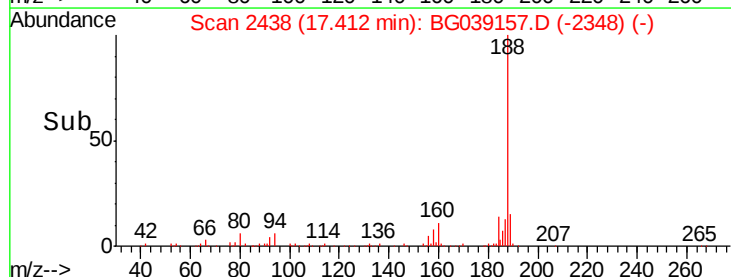
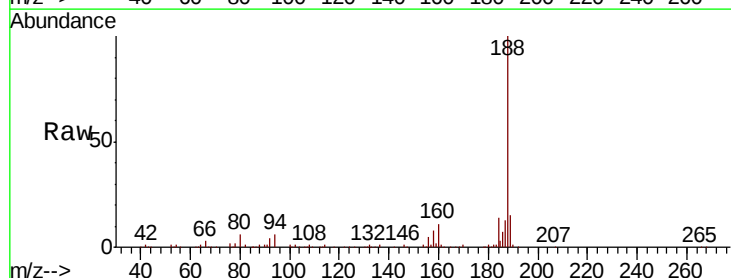
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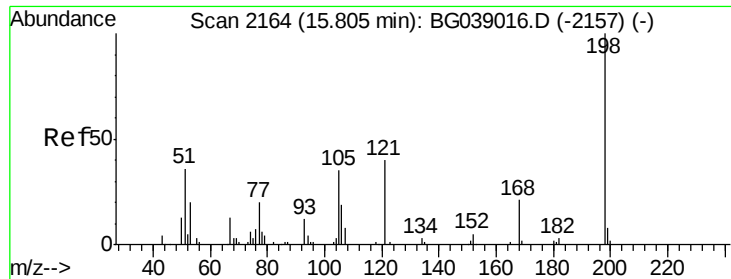
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.8	5.0	7.4	
80	6.5	4.7	7.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 33.441 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

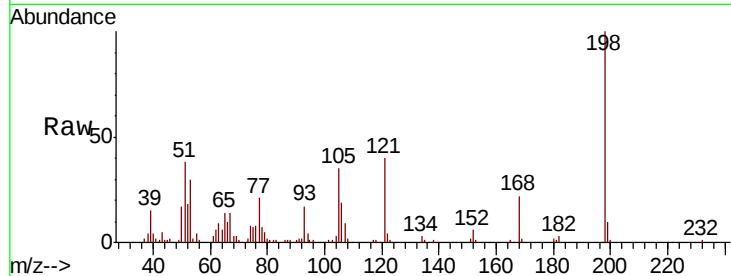
ClientSampleId :

SU-02-011119-AMSD

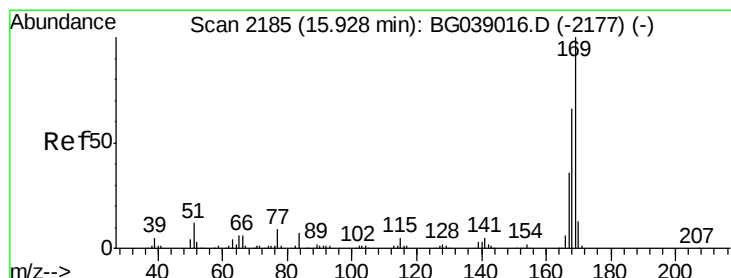
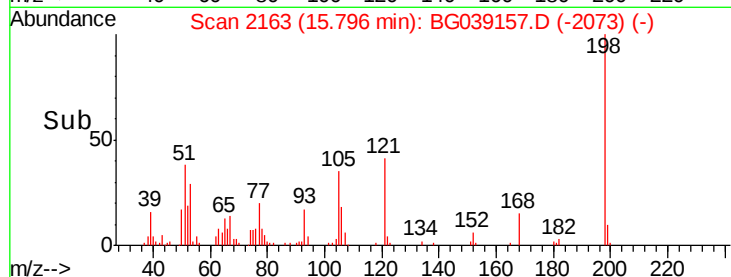
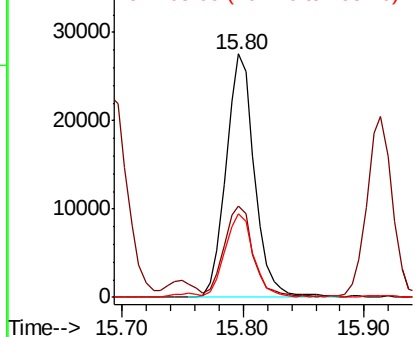
Tot Ion:	198	Resp:	45190
Ion Ratio	Lower	Upper	
198	100		
51	37.8	20.8	60.8
105	34.5	16.1	56.1

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: 40.249 ng

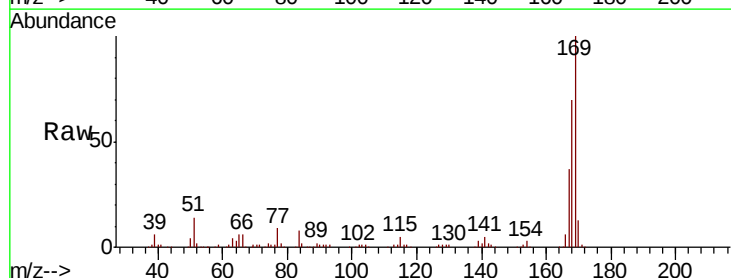
RT: 15.91 min Scan# 2183

Delta R.T. -0.00 min

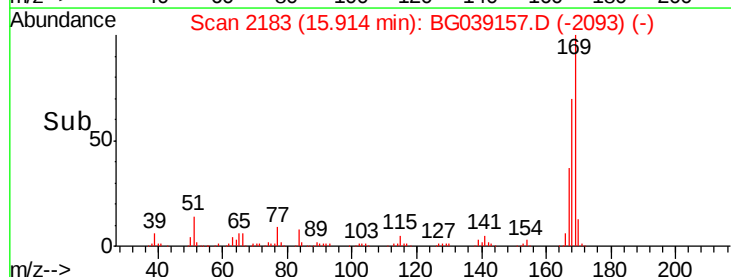
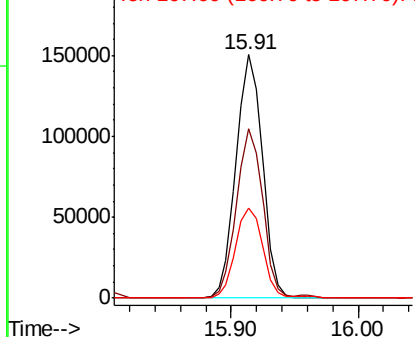
Lab File: BG039157.D

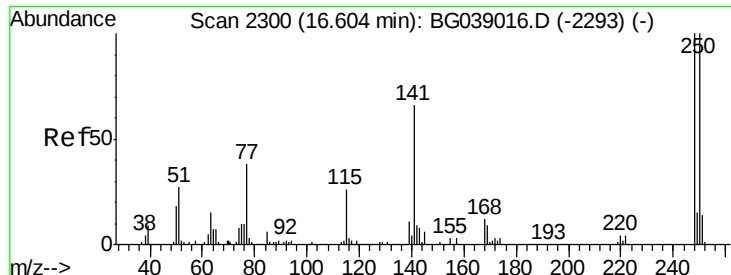
Acq: 16 Jan 2019 15:04

Tgt Ion:	169	Resp:	217638
Ion Ratio	Lower	Upper	
169	100		
168	69.6	53.2	79.8
167	36.9	29.1	43.7



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





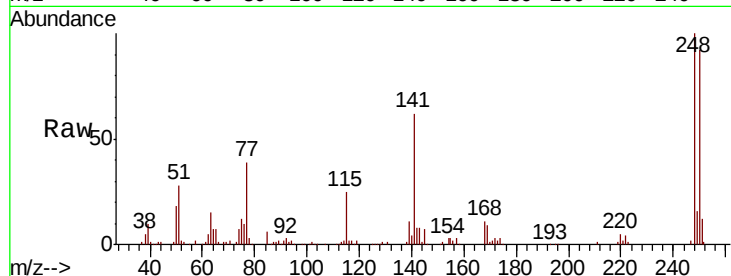
#67
 4-Bromophenyl-phenylether
 Concen: 40.558 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.6	79.9	119.9
141	62.0	52.7	79.1

Manual Integrations
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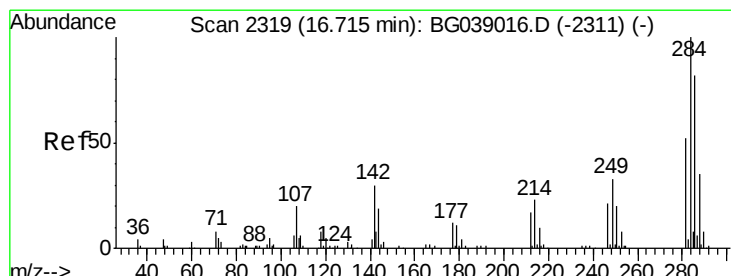
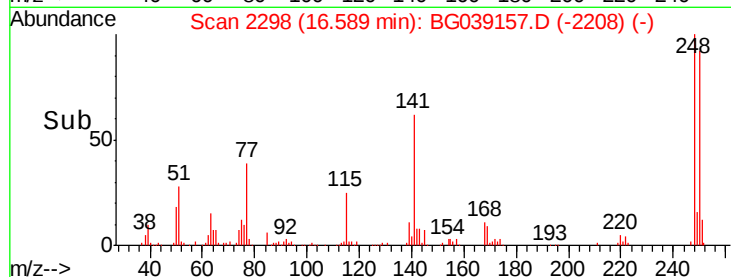
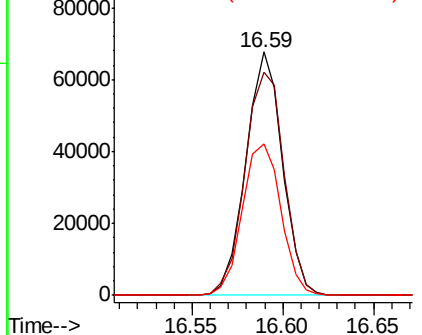


Abundance

Ion 248.00 (247.70 to 248.70): E

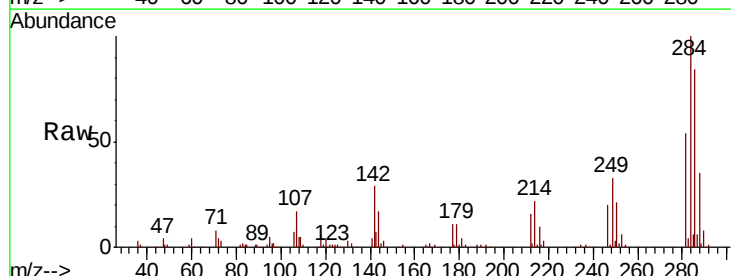
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.976 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	24.3	36.5
249	35.9	27.8	41.8

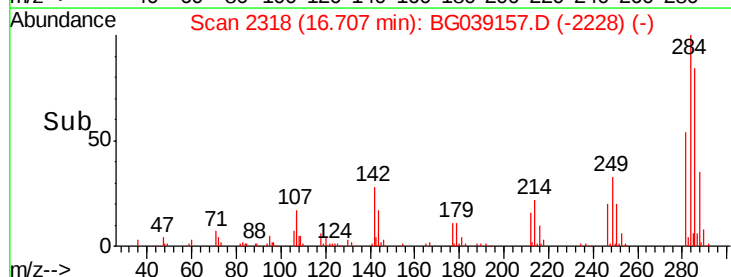
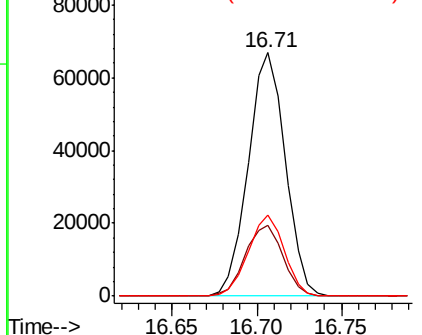


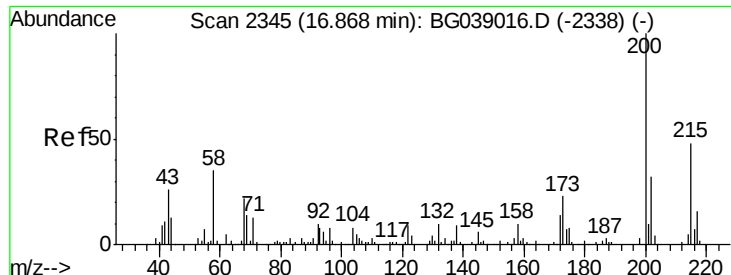
Abundance

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





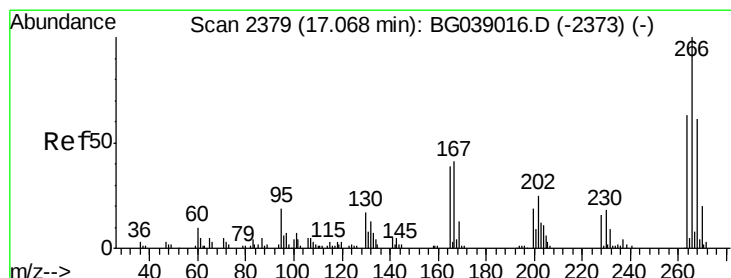
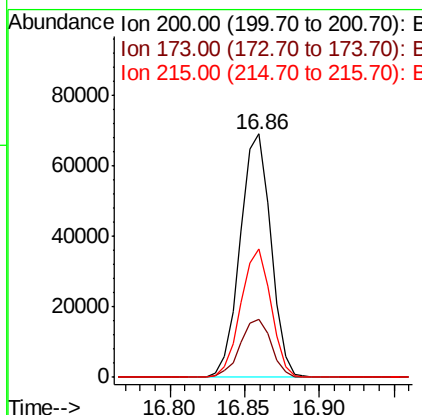
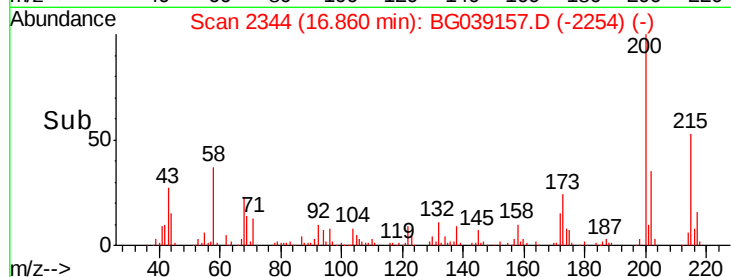
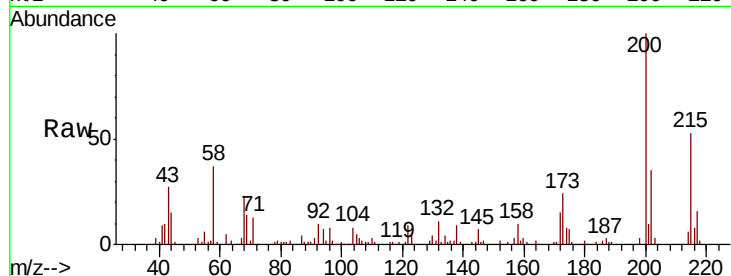
#69
Atrazine
Concen: 42.910 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	2.6	42.6
215	52.6	28.0	68.0

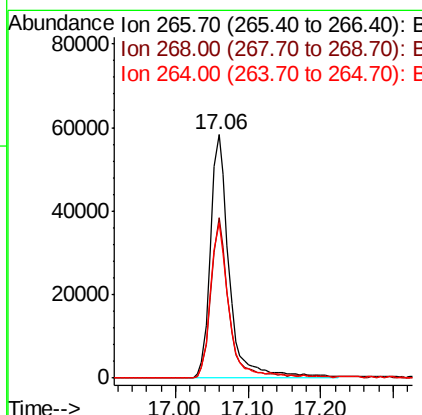
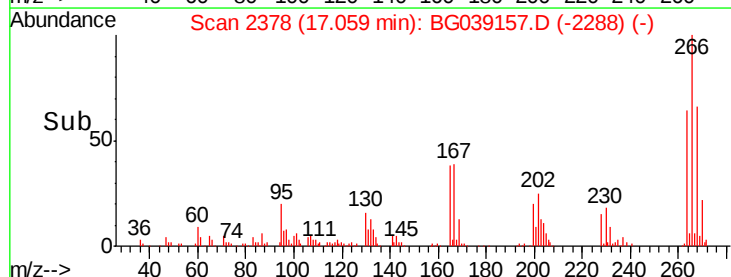
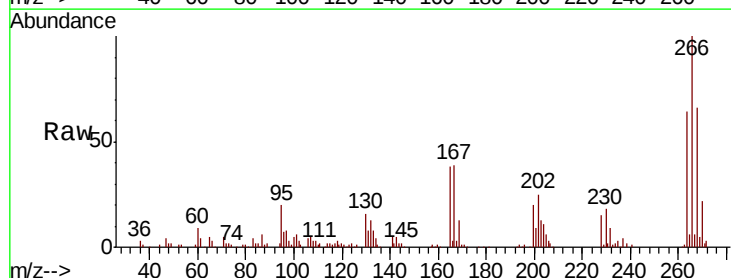
Manual Integrations
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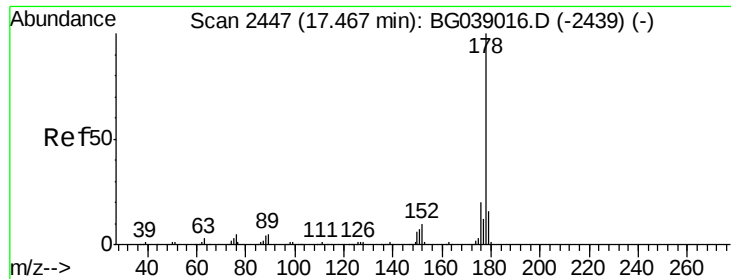
Sohil
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#70
Pentachlorophenol
Concen: 67.940 ng
RT: 17.06 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	52.0	78.0
264	69.6	54.6	81.8





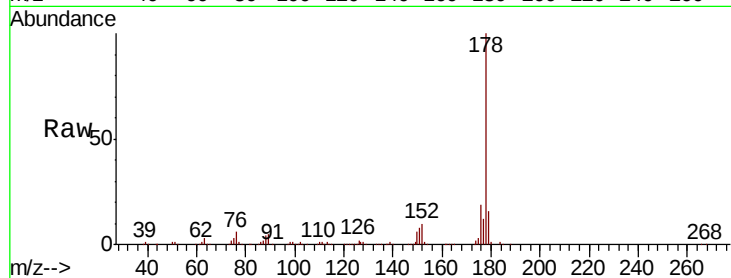
#71
Phenanthrene
Concen: 45.143 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.9	12.9	19.3

Manual Integrations
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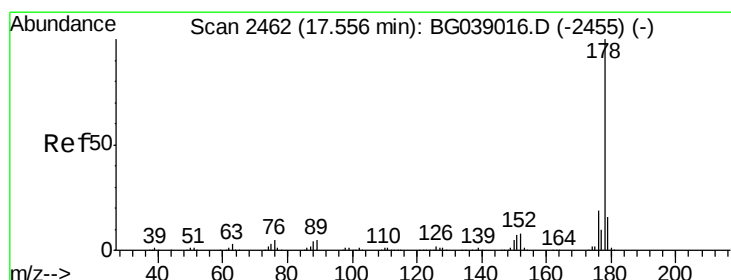
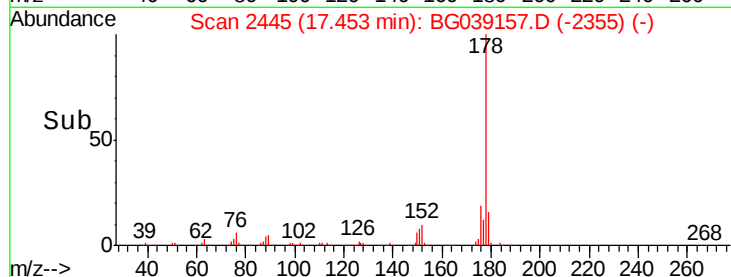
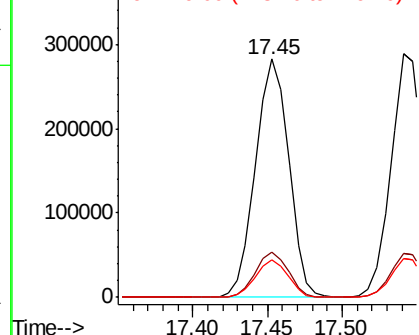


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 46.108 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

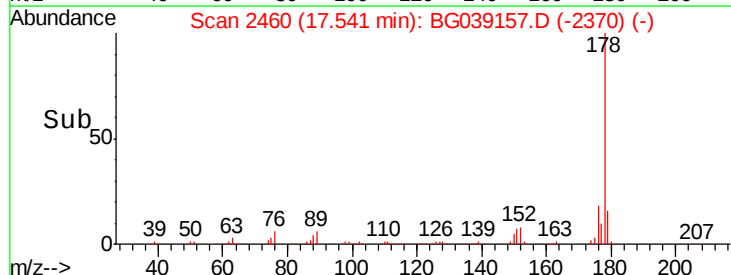
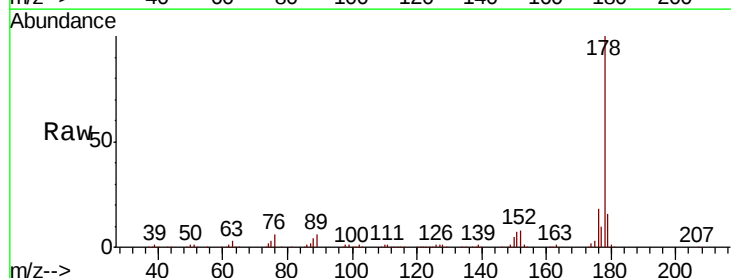
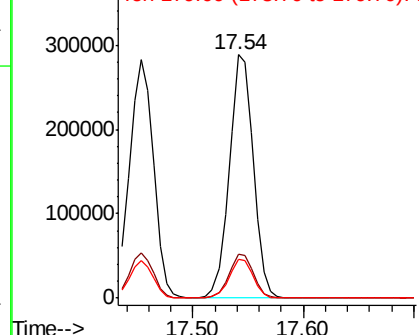
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	16.0	13.0	19.4

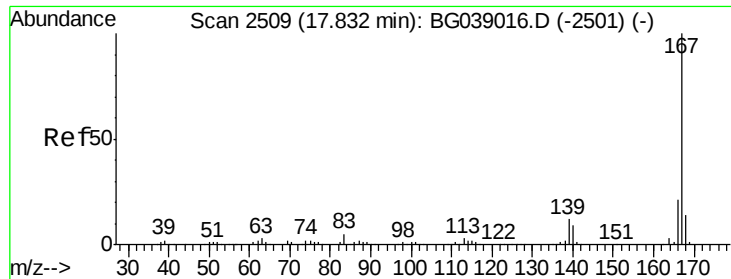
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





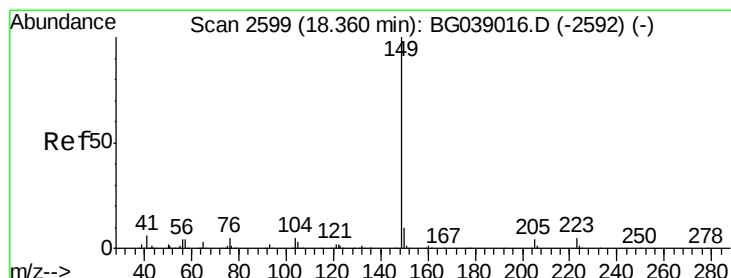
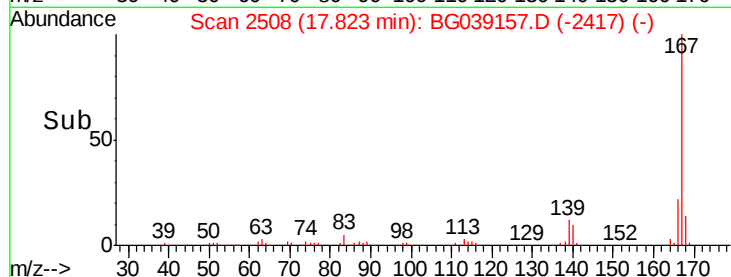
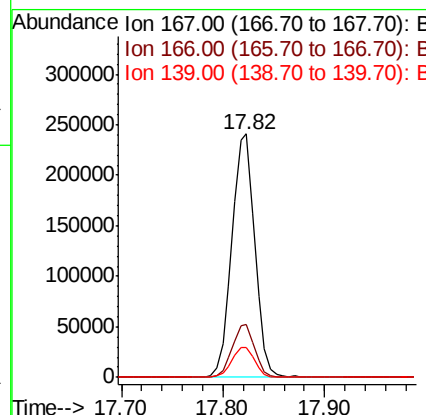
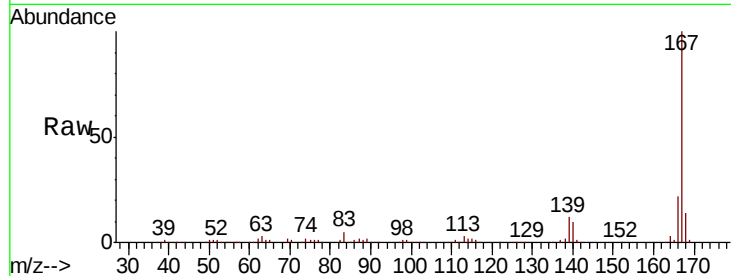
#73
 Carbazole
 Concen: 40.207 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.01 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.9	25.3
139	12.2	10.0	15.0

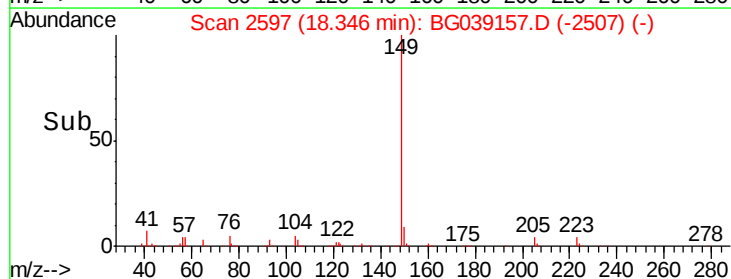
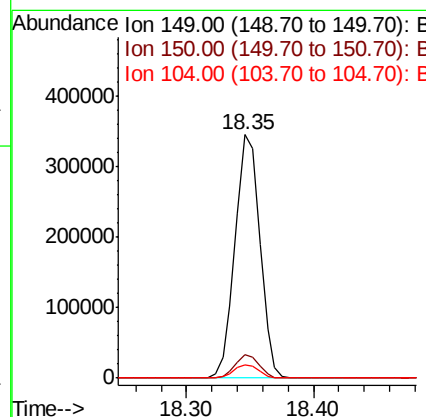
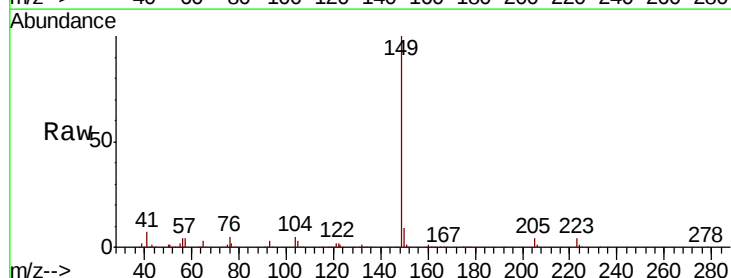
Manual Integrations
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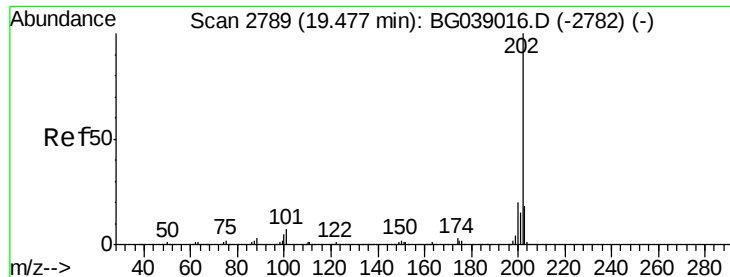
Sohil
 1/17/2019 2:09:12 PM



#74
 Di-n-butylphthalate
 Concen: 44.459 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG039157.D
 Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.3	4.2	6.2





#75

Fluoranthene

Concen: 49.140 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

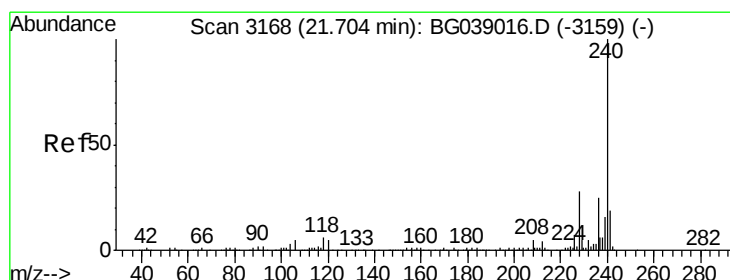
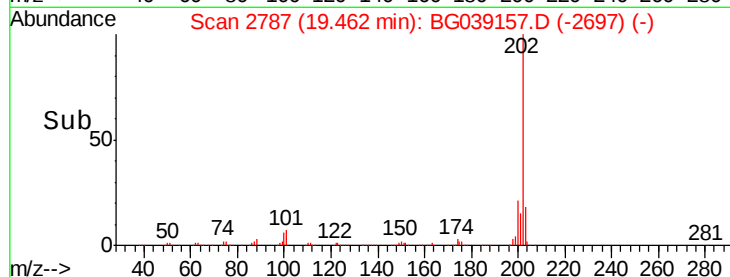
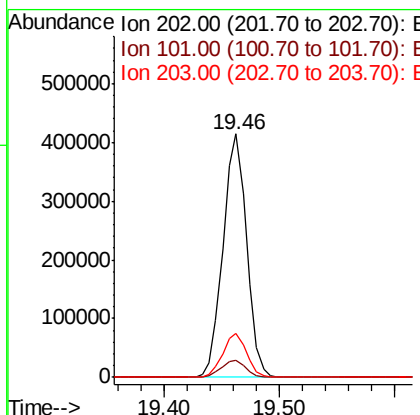
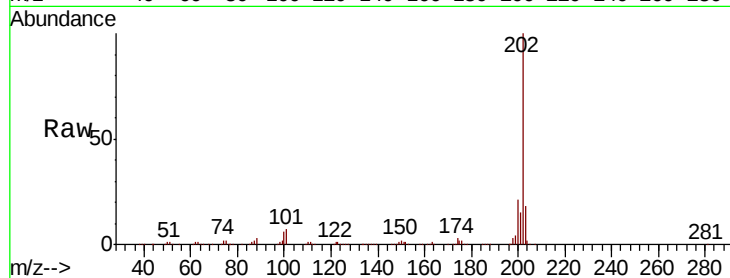
ClientSampleId :

SU-02-011119-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		587329		
101	7.3	0.0	26.9		
203	18.3	0.0	38.1		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

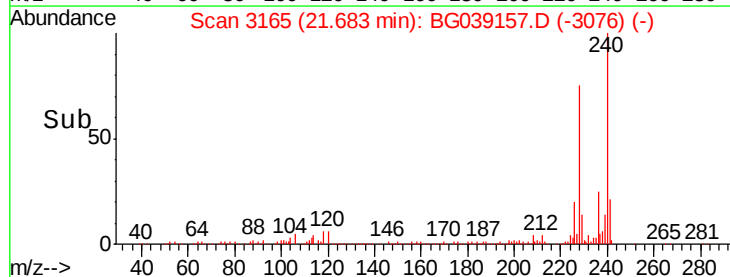
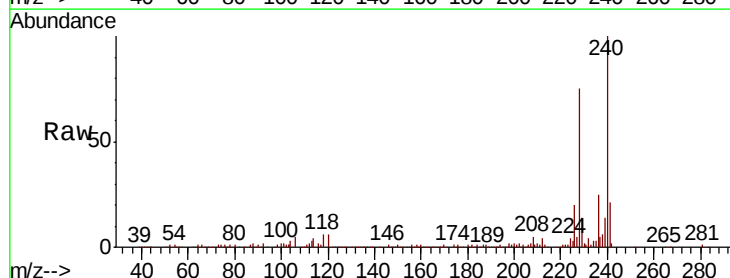
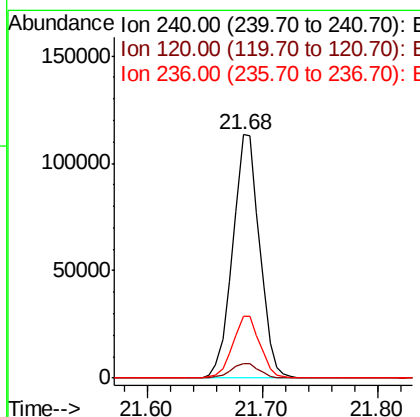
RT: 21.68 min Scan# 3165

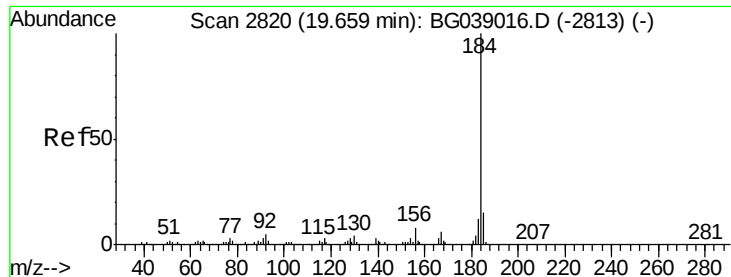
Delta R.T. -0.01 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		183314		
120	6.0	4.3	6.5		
236	25.2	20.1	30.1		





#77

Benzidine

Concen: 6.902 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

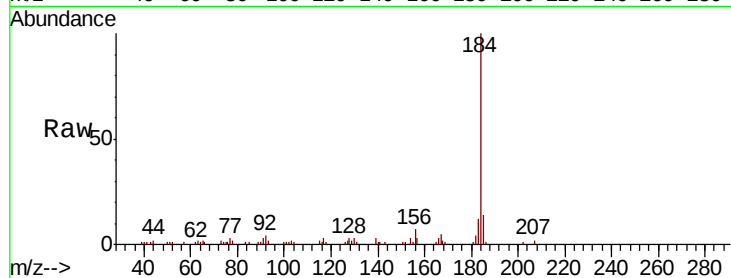
ClientSampleId :

SU-02-011119-AMSD

Tot Ion:	184	Resp:	38700
Ion Ratio	Lower	Upper	
184	100		
185	13.6	12.1	18.1
183	12.2	9.5	14.3

Manual Integrations
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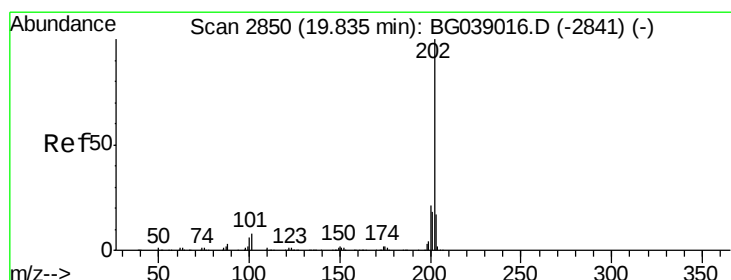
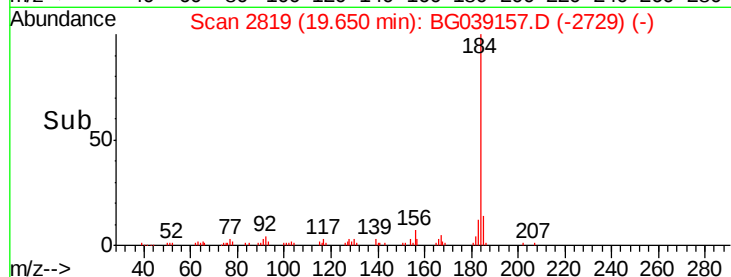
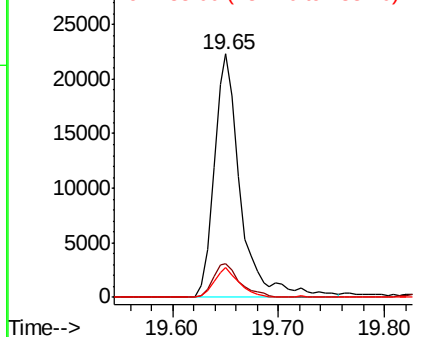


Abundance

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: 50.709 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

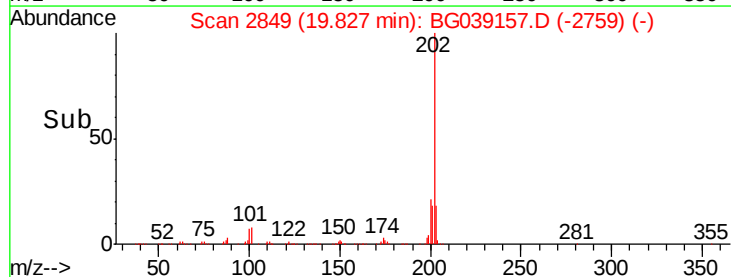
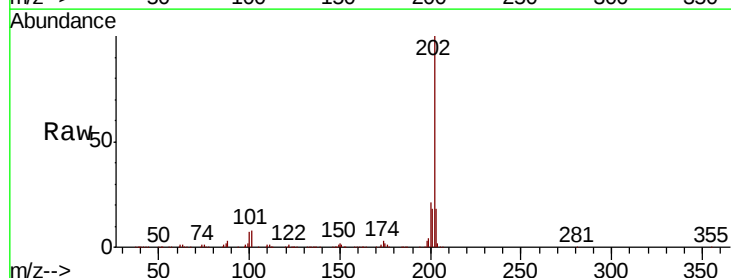
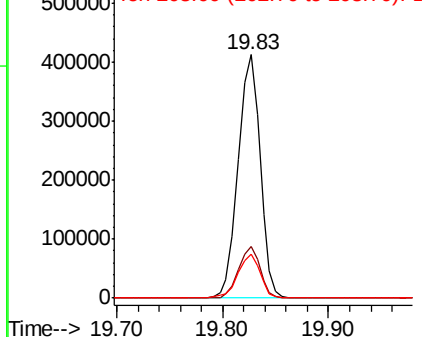
Tgt Ion:	202	Resp:	592398
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.6
203	18.2	14.0	21.0

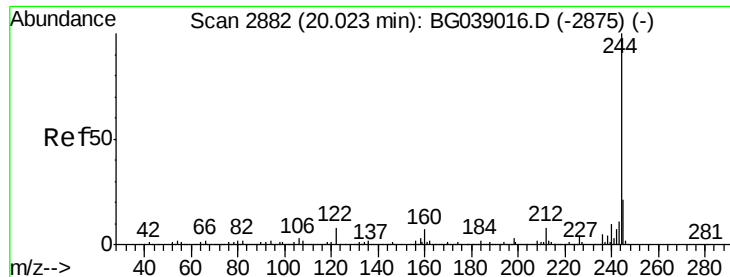
Abundance

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: 99.045 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

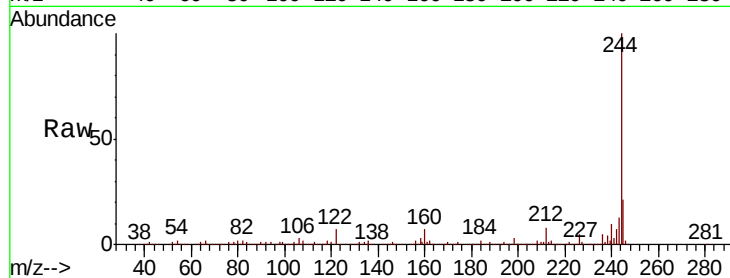
ClientSampleId :

SU-02-011119-AMSD

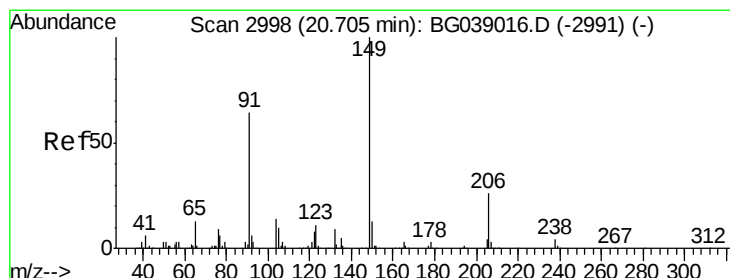
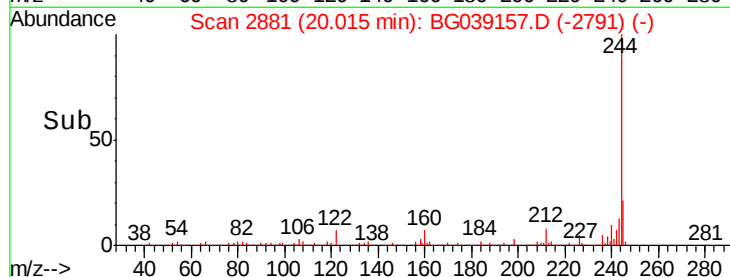
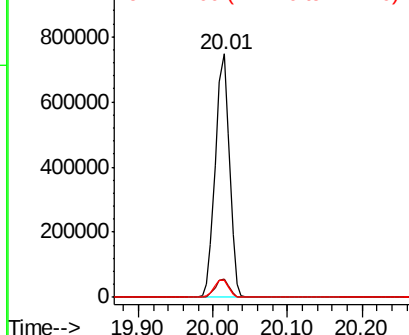
Tot Ion:	244	Resp:	981483
Ion Ratio		Lower	Upper
244	100		
212	7.7	6.1	9.1
122	7.2	6.1	9.1

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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: 45.506 ng

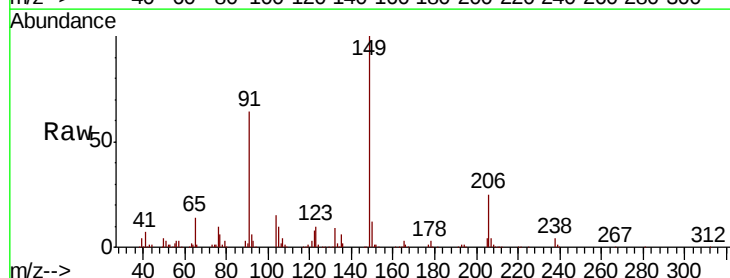
RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

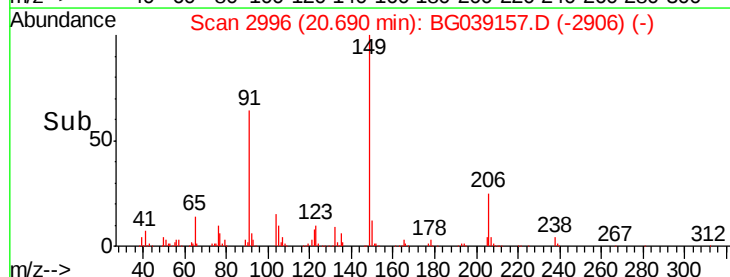
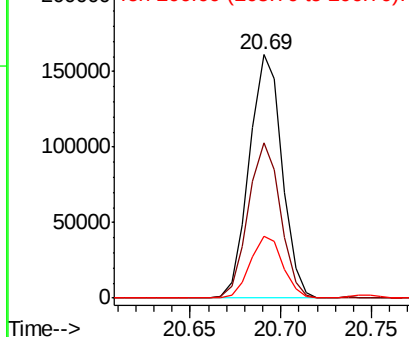
Lab File: BG039157.D

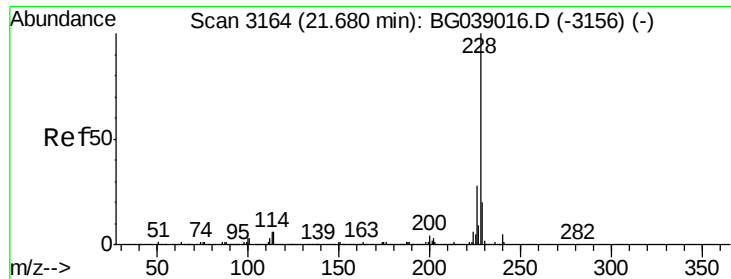
Acq: 16 Jan 2019 15:04

Tgt Ion:	149	Resp:	202196
Ion Ratio		Lower	Upper
149	100		
91	63.6	51.4	77.0
206	25.4	20.4	30.6



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





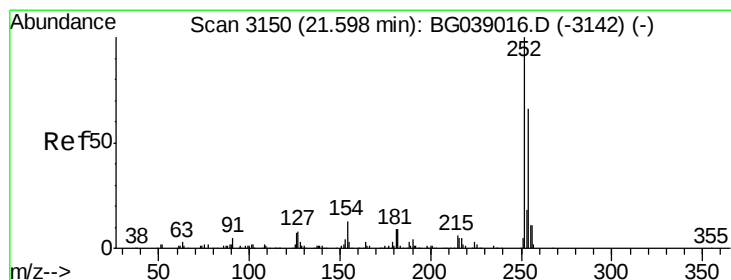
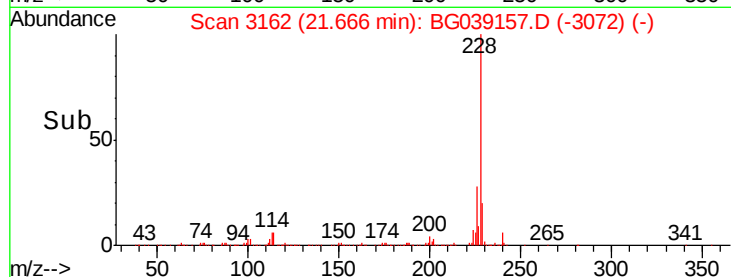
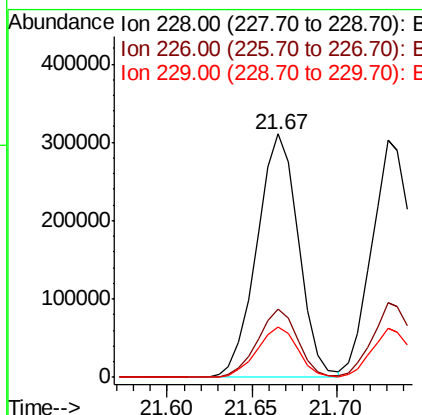
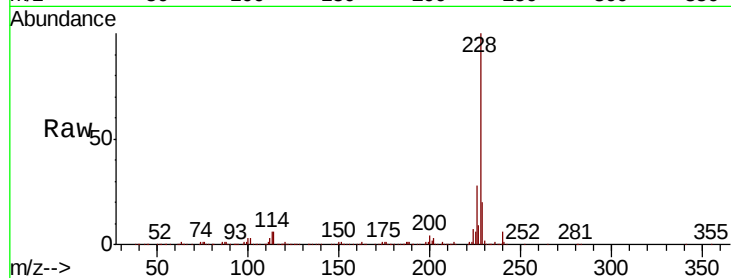
#81
Benzo(a)anthracene
Concen: 47.499 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	20.4	16.2	24.2

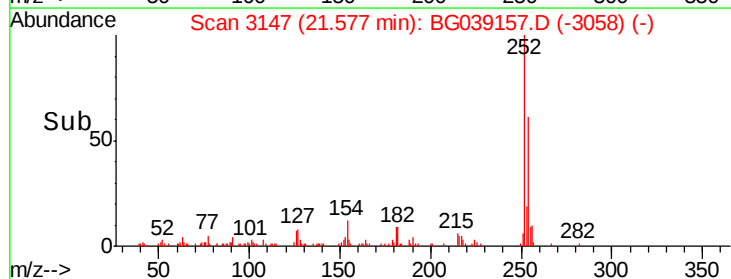
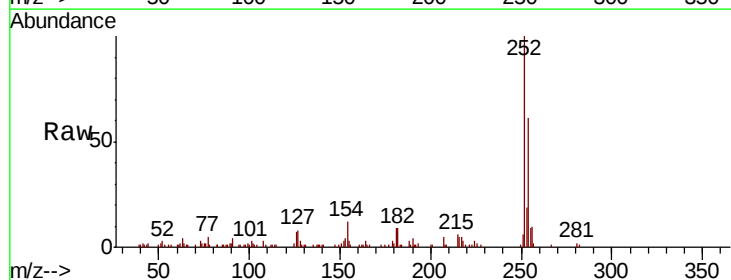
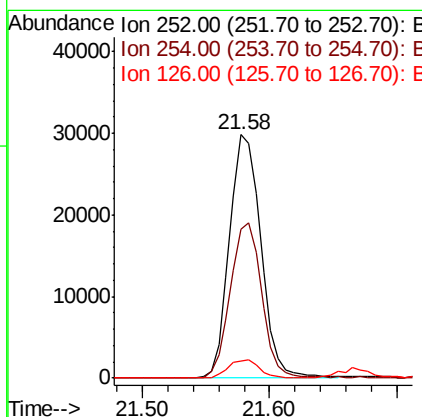
Manual Integrations
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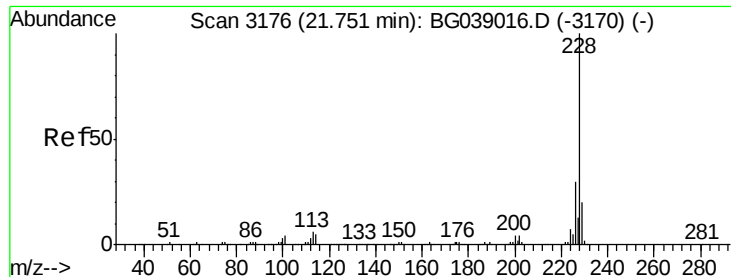
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 11.286 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.2	53.0	79.6
126	7.2	6.0	9.0





#83

Chrysene

Concen: 47.003 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

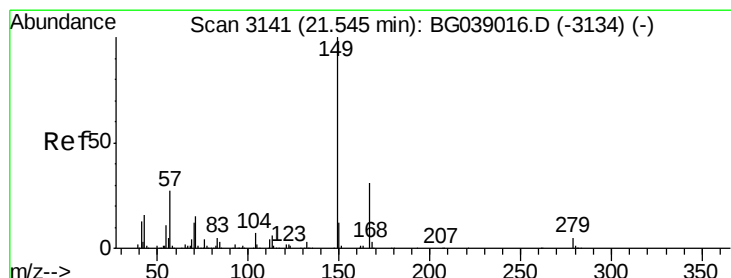
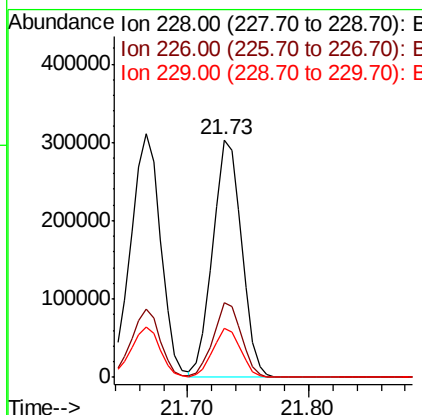
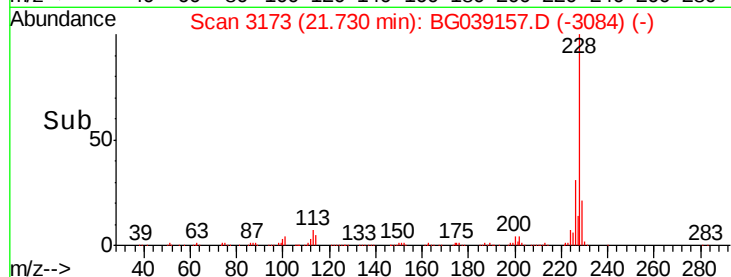
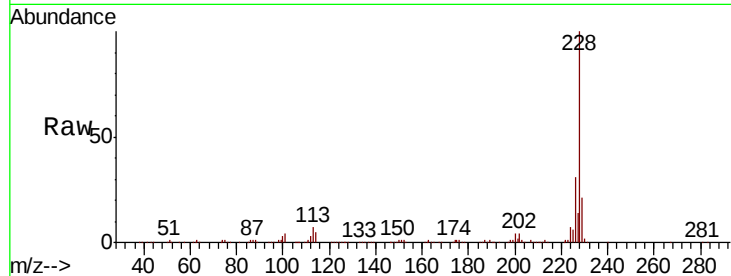
ClientSampleId :

SU-02-011119-AMSD

Tot Ion:	228	Resp:	498868
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.1	36.1
229	20.9	16.0	24.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.941 ng

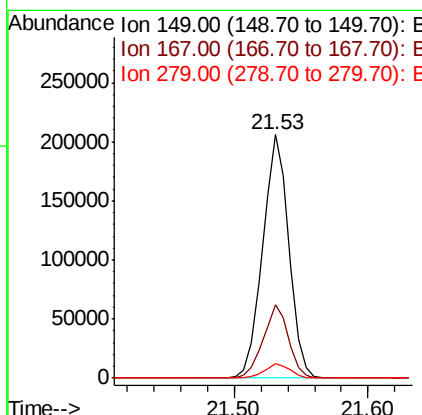
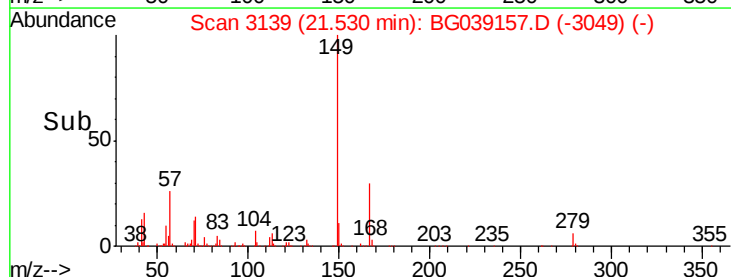
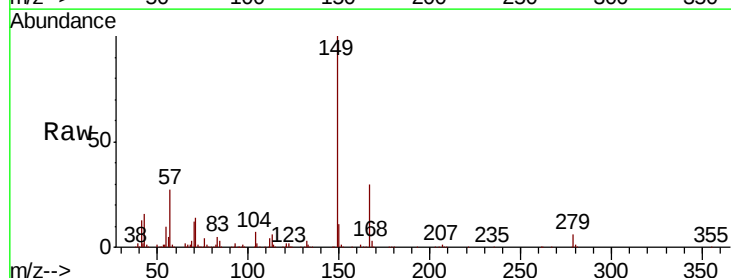
RT: 21.53 min Scan# 3139

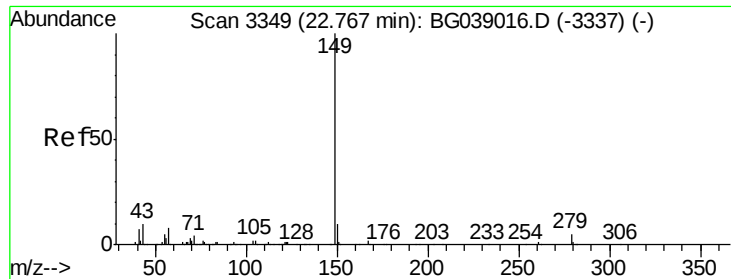
Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Tgt Ion:	149	Resp:	277262
Ion Ratio	Lower	Upper	
149	100		
167	29.9	25.0	37.4
279	5.9	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 46.230 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

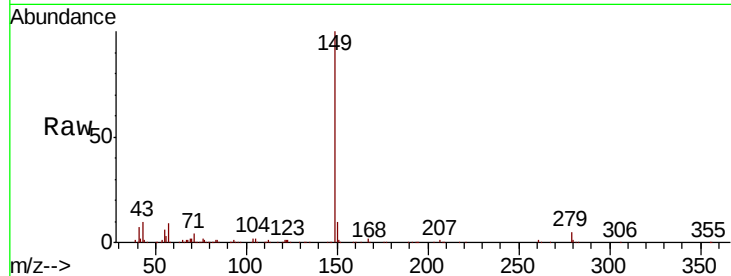
ClientSampleId :

SU-02-011119-AMSD

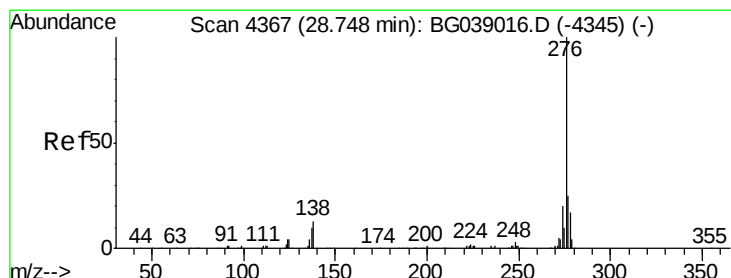
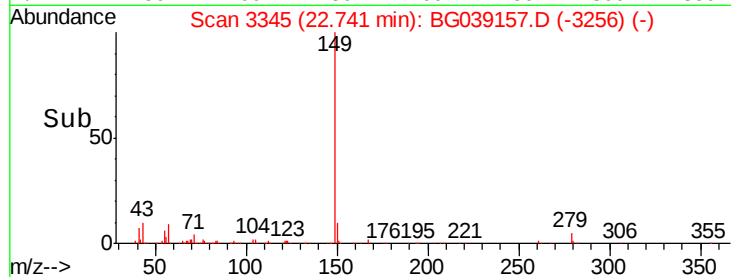
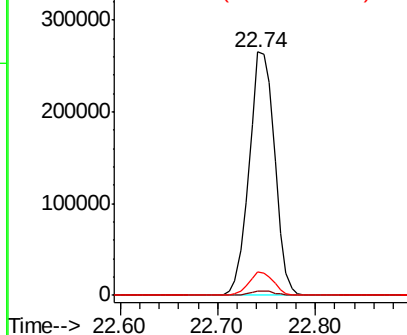
Tot Ion:	149	Resp:	482273
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.4	7.5	11.3

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.507 ng

RT: 28.70 min Scan# 4360

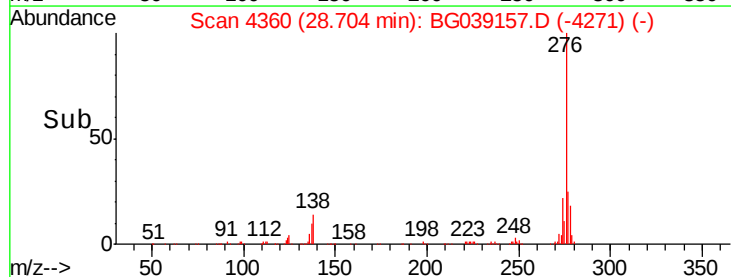
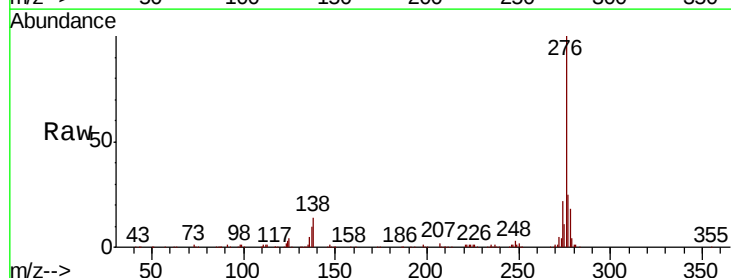
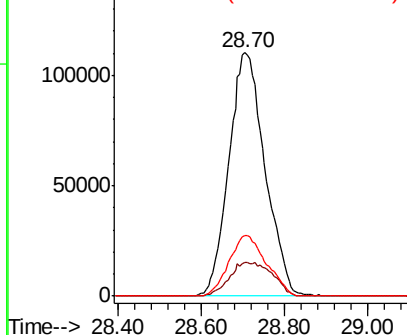
Delta R.T. -0.01 min

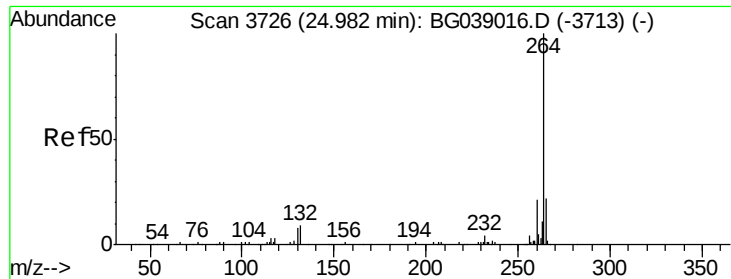
Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Tgt Ion:	276	Resp:	665890
Ion Ratio	Lower	Upper	
276	100		
138	16.4	8.0	12.0#
277	25.7	20.3	30.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Instrument :

BNA_G

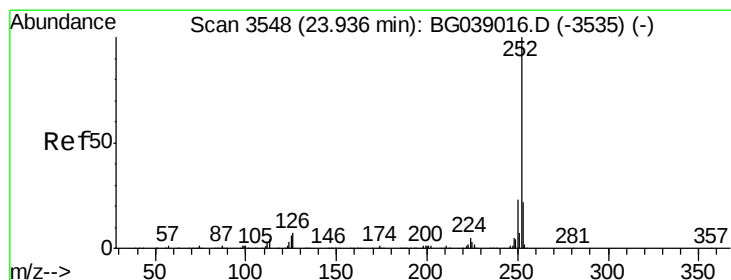
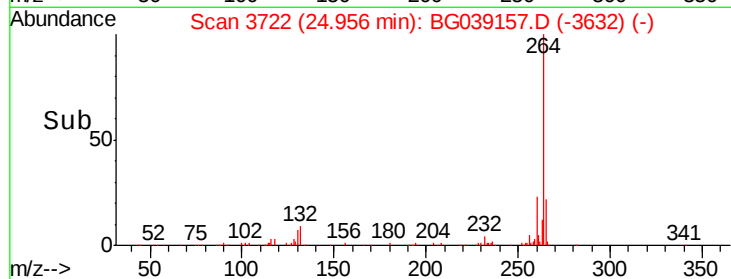
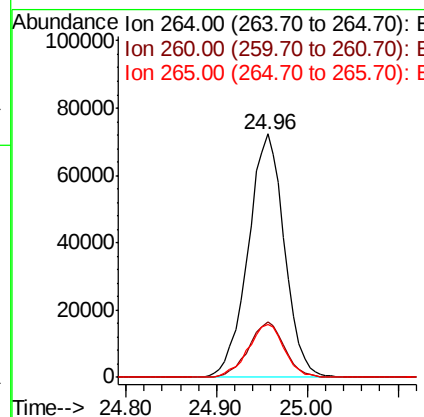
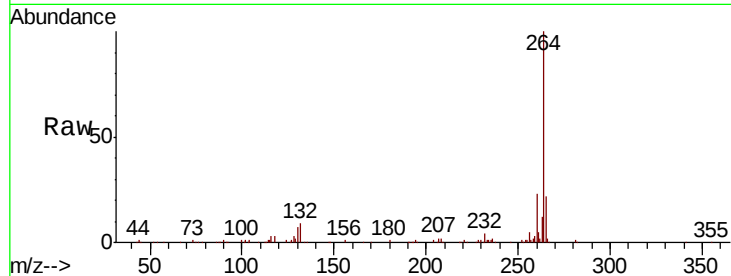
ClientSampleId :

SU-02-011119-AMSD

Tot Ion:	264	Resp:	200668
Ion Ratio	Lower	Upper	
264	100		
260	22.8	17.0	25.6
265	21.6	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 49.211 ng

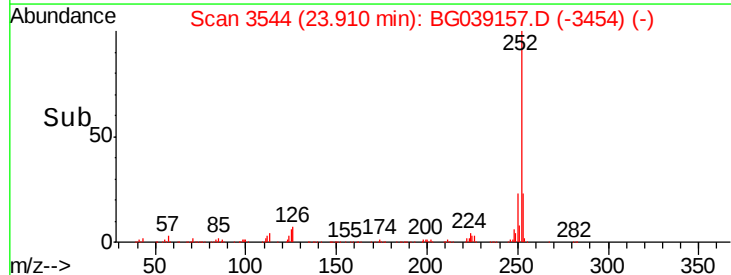
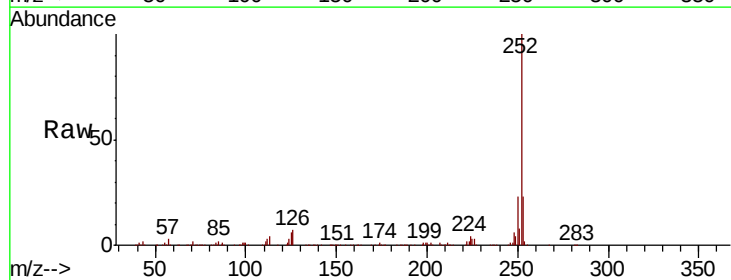
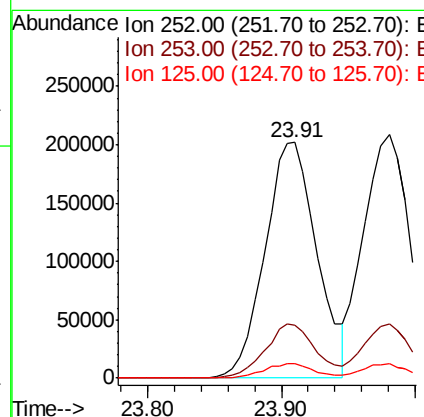
RT: 23.91 min Scan# 3544

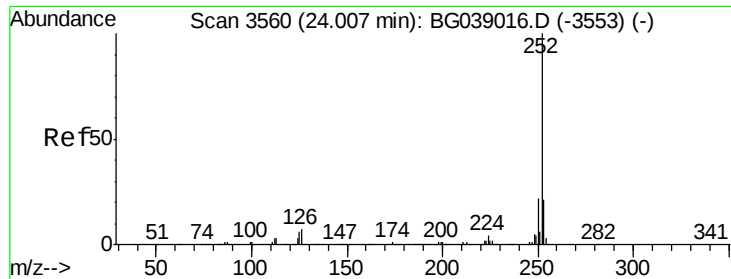
Delta R.T. -0.00 min

Lab File: BG039157.D

Acq: 16 Jan 2019 15:04

Tgt Ion:	252	Resp:	544508
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	5.9	4.9	7.3





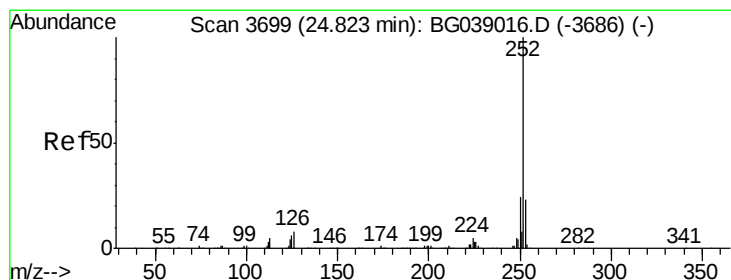
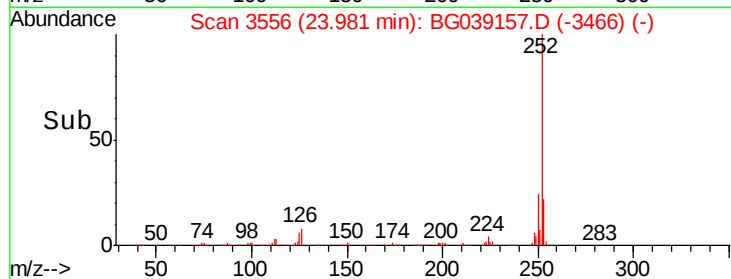
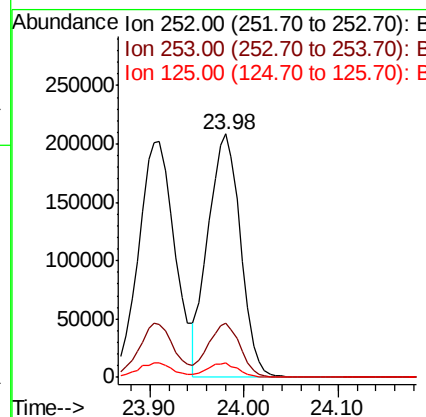
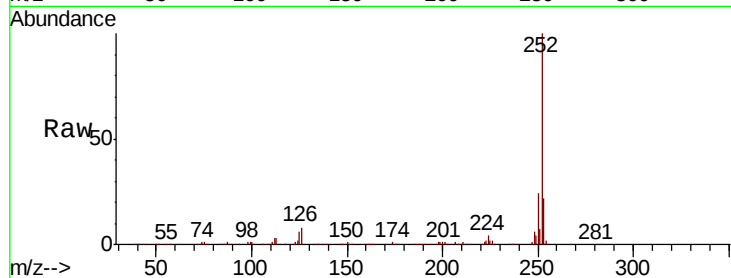
#89
Benzo(k)fluoranthene
Concen: 45.882 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	5.9	4.6	7.0

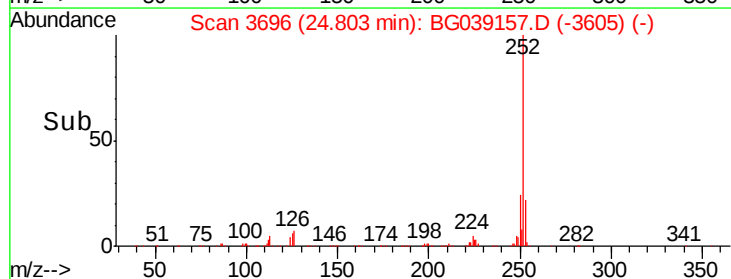
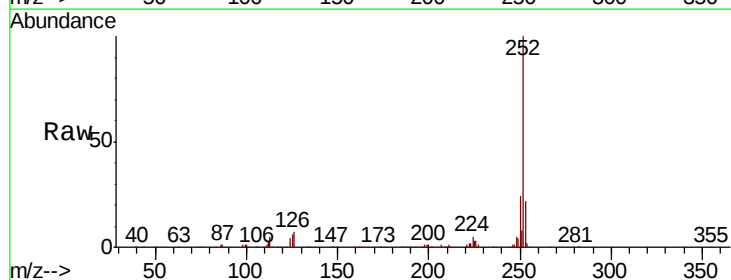
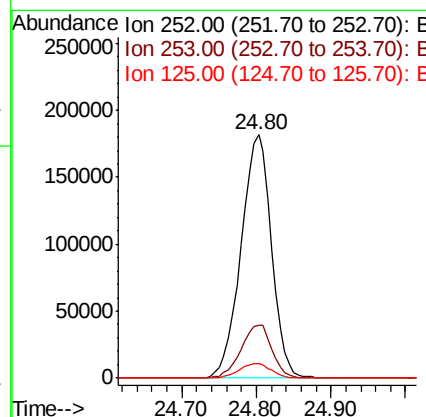
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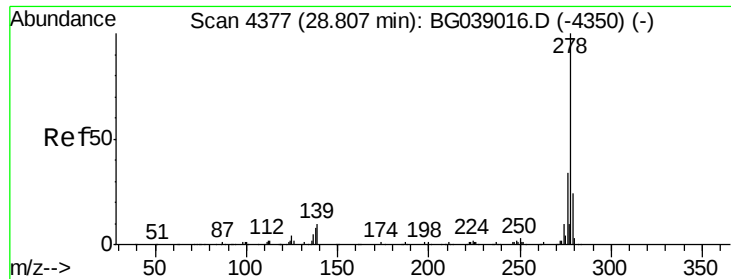
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#90
Benzo(a)pyrene
Concen: 48.058 ng
RT: 24.80 min Scan# 3696
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	6.0	4.9	7.3





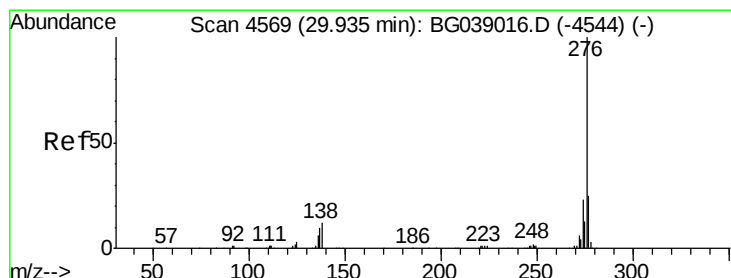
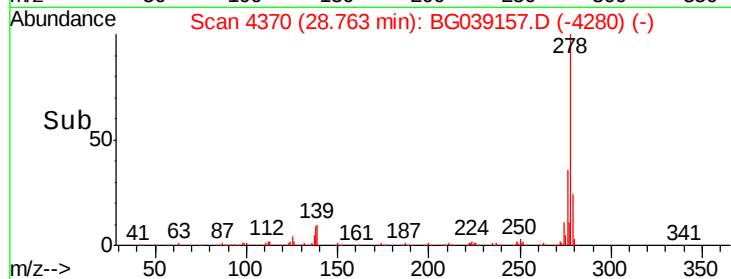
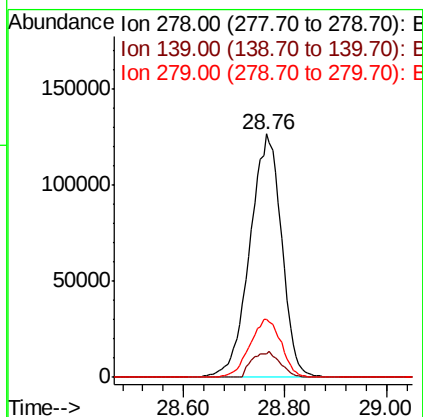
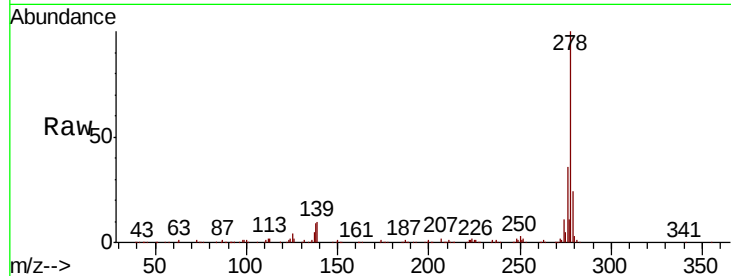
#91
Dibenzo(a,h)anthracene
Concen: 51.787 ng
RT: 28.76 min Scan# 4370
Delta R.T. -0.00 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SU-02-011119-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.9	11.9
279	23.9	19.3	28.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 47.973 ng
RT: 29.90 min Scan# 4563
Delta R.T. 0.01 min
Lab File: BG039157.D
Acq: 16 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.3	30.5
138	11.5	9.4	14.2

