

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039968.D
 Acq On : 16 Mar 2019 9:09
 Operator : JU/SJ
 Sample : K1897-04MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:54 PM

Quant Time: Mar 18 01:26:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	47914	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	202044	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	139372	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	334882	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	324721	20.00	ng	-0.02
87) Perylene-d12	25.18	264	338645	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	361025	128.55	ng	-0.01
7) Phenol-d6	7.30	99	464783	110.99	ng	-0.01
23) Nitrobenzene-d5	9.33	82	364135	97.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	244379	150.43	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	855530	87.40	ng	-0.02
79) Terphenyl-d14	20.11	244	1318996	89.44	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	36267	27.970	ng	# 14
3) Pyridine	4.00	79	79548	22.916	ng	98
4) n-Nitrosodimethylamine	3.91	42	60495	36.736	ng	91
6) Aniline	7.48	93	78204	14.254	ng	98
8) 2-Chlorophenol	7.71	128	130275	38.234	ng	95
9) Benzaldehyde	7.29	77	44962	16.644	ng	96
10) Phenol	7.32	94	144760	31.909	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	133006	37.603	ng	99
12) 1,3-Dichlorobenzene	8.03	146	132791	34.459	ng	98
13) 1,4-Dichlorobenzene	8.18	146	140596	35.819	ng	97
14) 1,2-Dichlorobenzene	8.50	146	134582	35.487	ng	98
15) Benzyl Alcohol	8.39	79	132605	39.918	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	266796	37.714	ng	99
17) 2-Methylphenol	8.58	107	113083	39.092	ng	99
18) Hexachloroethane	9.23	117	49130	34.883	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	109515	36.333	ng	97
20) 3+4-Methylphenols	8.91	107	152748	38.010	ng	98
22) Acetophenone	8.98	105	206508	38.081	ng	# 95
24) Nitrobenzene	9.37	77	165268	42.170	ng	97
25) Isophorone	9.88	82	315485	40.304	ng	98
26) 2-Nitrophenol	10.08	139	79591	42.063	ng	93
27) 2,4-Dimethylphenol	10.12	122	140169	47.630	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	189167	39.767	ng	94
29) 2,4-Dichlorophenol	10.61	162	152043	45.888	ng	92
30) 1,2,4-Trichlorobenzene	10.82	180	147693	39.613	ng	98
31) Naphthalene	11.02	128	421541	39.406	ng	98
32) Benzoic acid	10.26	122	79413m	40.497	ng	
33) 4-Chloroaniline	11.14	127	16380	3.611	ng	# 94
34) Hexachlorobutadiene	11.28	225	99040	38.873	ng	97
35) Caprolactam	11.92	113	34473m	27.237	ng	
36) 4-Chloro-3-methylphenol	12.23	107	166756	43.904	ng	99
37) 2-Methylnaphthalene	12.61	142	325475	40.696	ng	96
38) 1-Methylnaphthalene	12.83	142	309572	39.831	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	184528	39.082	ng	98

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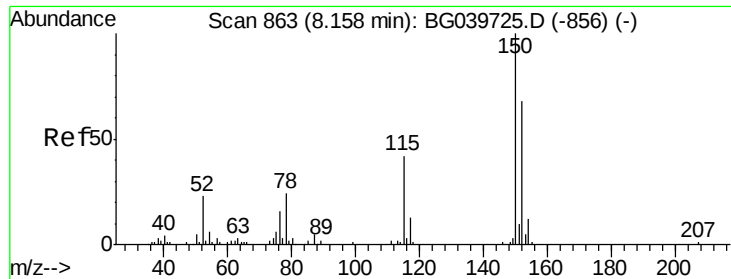
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	235994	93.267	ng	100
43) 2,4,6-Trichlorophenol	13.21	196	128941	46.646	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	137632	44.172	ng	99
46) 1,1'-Biphenyl	13.61	154	449938	39.251	ng	99
47) 2-Chloronaphthalene	13.66	162	345347	40.047	ng	99
48) 2-Nitroaniline	13.87	65	124507	44.926	ng	97
49) Acenaphthylene	14.50	152	557096	39.352	ng	100
50) Dimethylphthalate	14.23	163	470036	40.332	ng	99
51) 2,6-Dinitrotoluene	14.35	165	105788	42.818	ng	99
52) Acenaphthene	14.84	154	341900	40.127	ng	99
53) 3-Nitroaniline	14.69	138	43189	17.390	ng	# 96
54) 2,4-Dinitrophenol	14.89	184	109435	70.879	ng	96
55) Dibenzofuran	15.17	168	562249	40.219	ng	99
56) 4-Nitrophenol	14.98	139	149011	67.072	ng	95
57) 2,4-Dinitrotoluene	15.14	165	149545	43.078	ng	# 85
58) Fluorene	15.82	166	442303	40.247	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	140886	46.299	ng	97
60) Diethylphthalate	15.58	149	477475	41.387	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	239715	40.876	ng	97
62) 4-Nitroaniline	15.85	138	104764	38.911	ng	96
63) Azobenzene	16.10	77	433830	41.484	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	85110	42.984	ng	93
66) n-Nitrosodiphenylamine	16.02	169	413660	42.668	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	156505	41.752	ng	98
68) Hexachlorobenzene	16.82	284	161359	41.528	ng	94
69) Atrazine	16.96	200	160263	42.002	ng	97
70) Pentachlorophenol	17.16	266	203121	82.774	ng	97
71) Phenanthrene	17.56	178	734463	39.818	ng	99
72) Anthracene	17.66	178	748142	41.621	ng	99
73) Carbazole	17.93	167	652634	40.274	ng	99
74) Di-n-butylphthalate	18.45	149	799399	41.928	ng	99
75) Fluoranthene	19.57	202	862890	39.583	ng	98
77) Benzidine	19.75	184	44414	4.310	ng	99
78) Pyrene	19.93	202	875161	41.476	ng	99
80) Butylbenzylphthalate	20.79	149	370126	45.276	ng	98
81) Benzo(a)anthracene	21.79	228	830079	40.788	ng	100
82) 3,3'-Dichlorobenzidine	21.70	252	155968	20.991	ng	99
83) Chrysene	21.86	228	801155	40.606	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	514278	44.768	ng	# 99
85) Di-n-octyl phthalate	22.90	149	883620	46.455	ng	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	945988	42.264	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	832741	41.237	ng	98
89) Benzo(k)fluoranthene	24.17	252	807477	42.956	ng	99
90) Benzo(a)pyrene	25.02	252	802411	43.001	ng	97
91) Dibenzo(a,h)anthracene	29.12	278	762218	41.665	ng	97
92) Benzo(g,h,i)perylene	30.27	276	779066	42.403	ng	99

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



#1

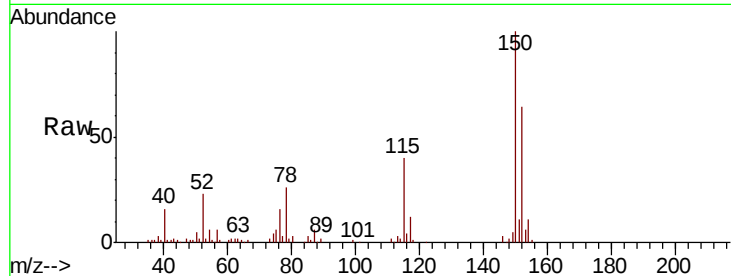
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.7	185.5
115	62.4	45.9	68.9

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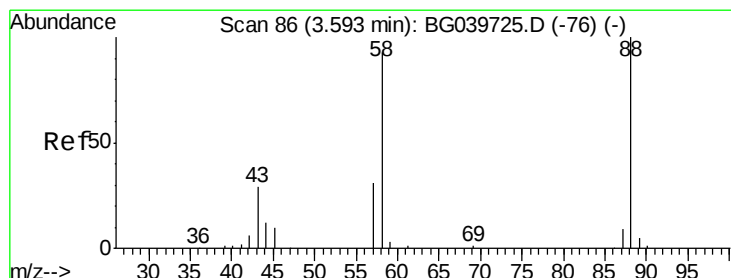
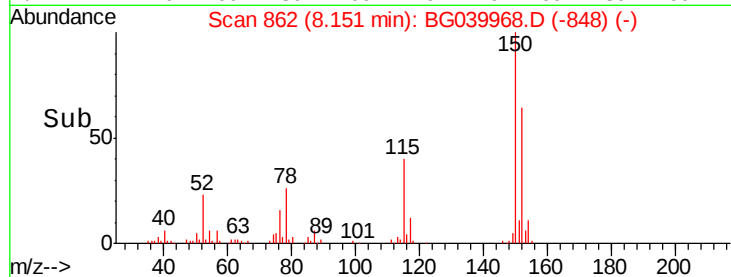
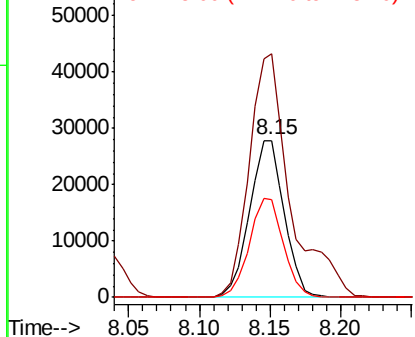


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

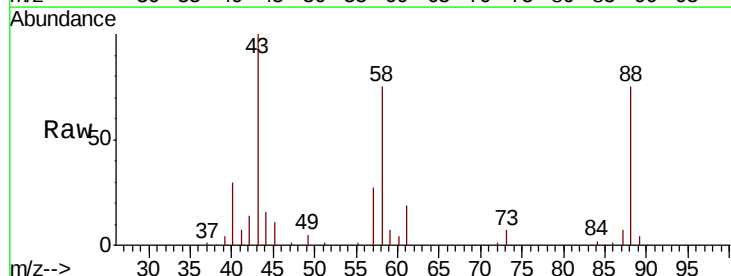
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.970 ng
RT: 3.59 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.0	81.1	121.7
43	225.2	31.4	47.0

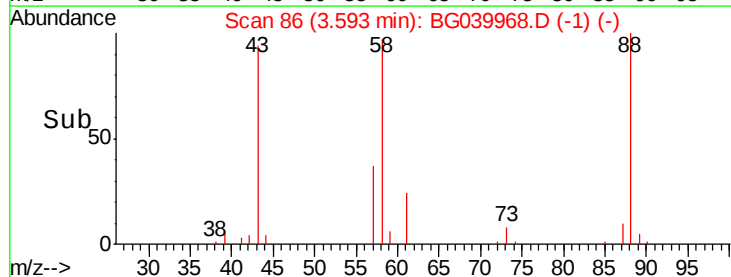
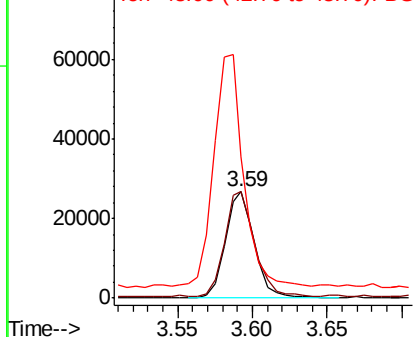


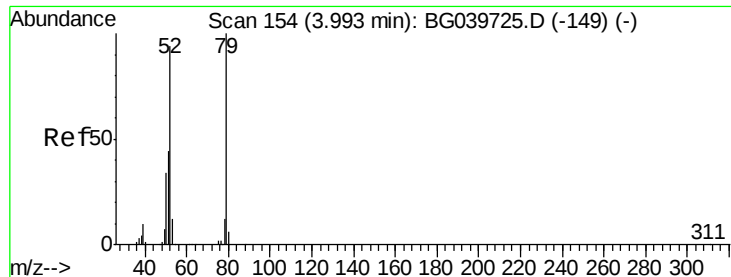
Abundance

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: 22.916 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

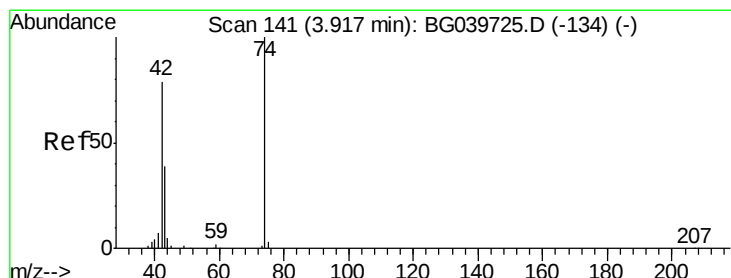
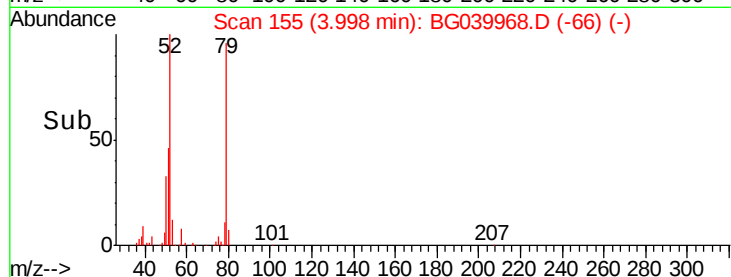
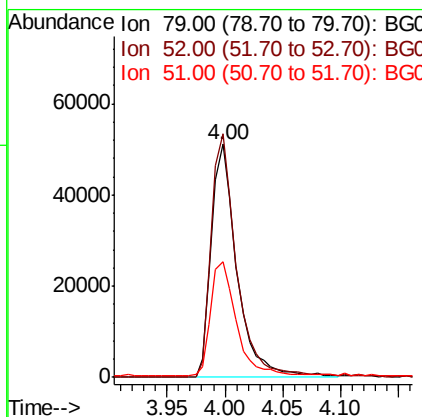
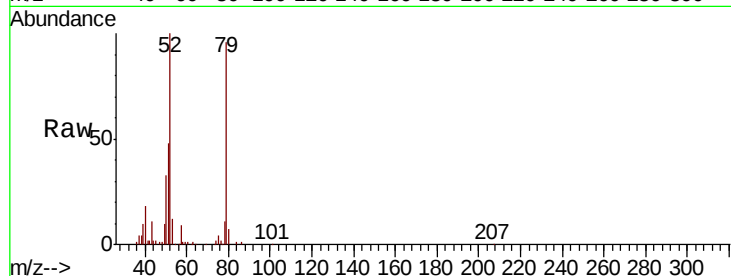
ClientSampleId :

TP-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.5	82.6	124.0
51	49.7	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 36.736 ng

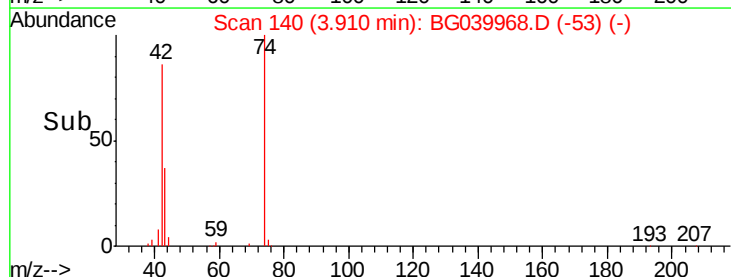
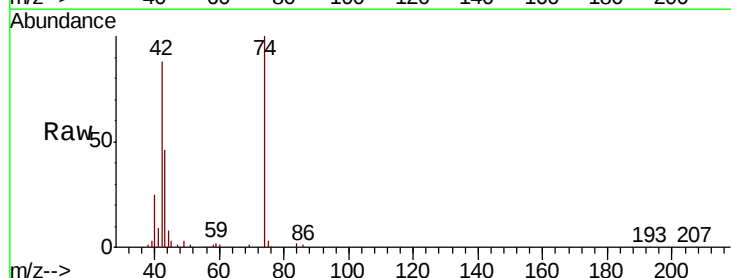
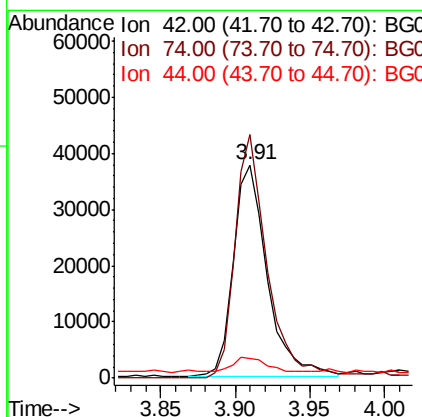
RT: 3.91 min Scan# 140

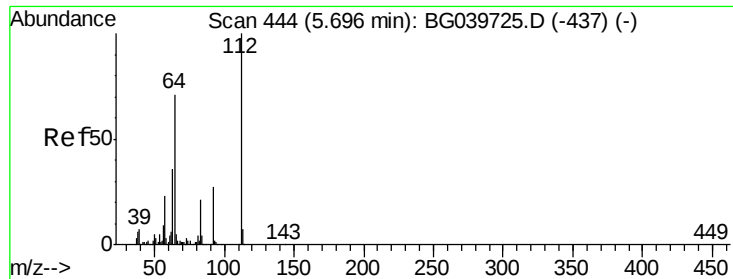
Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.3	83.6	125.4
44	9.2	6.9	10.3





#5

2-Fluorophenol

Concen: 128.545 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

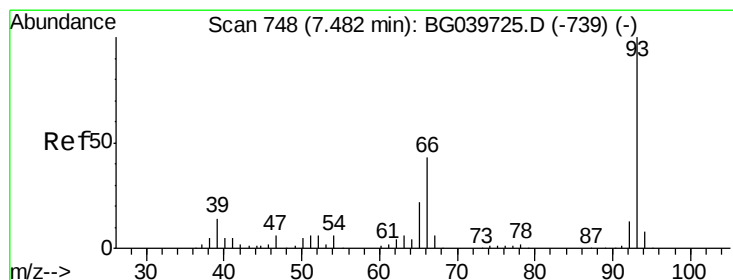
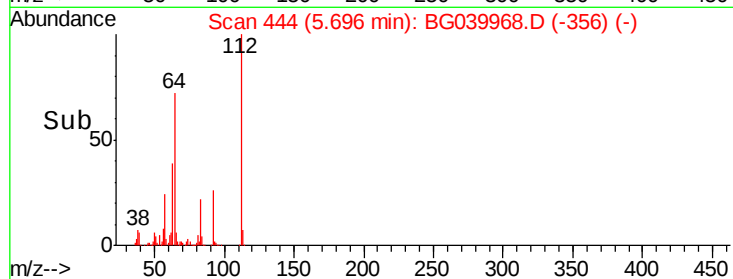
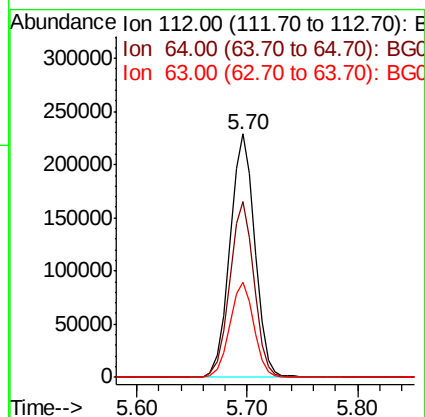
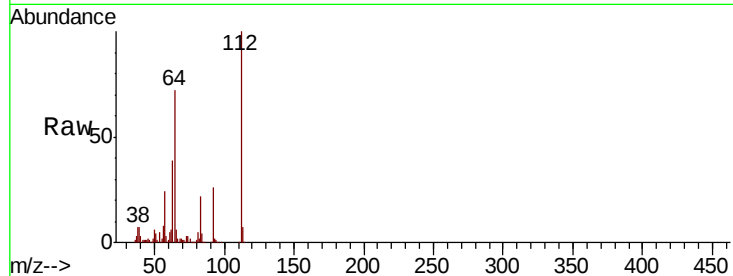
ClientSampleId :

TP-1MSD

Tot Ion:	112	Resp:	361025
Ion Ratio	Lower	Upper	
112	100		
64	72.2	57.8	86.8
63	38.9	29.8	44.6

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#6

Aniline

Concen: 14.254 ng

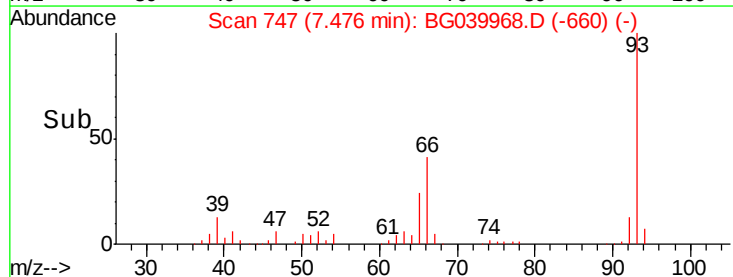
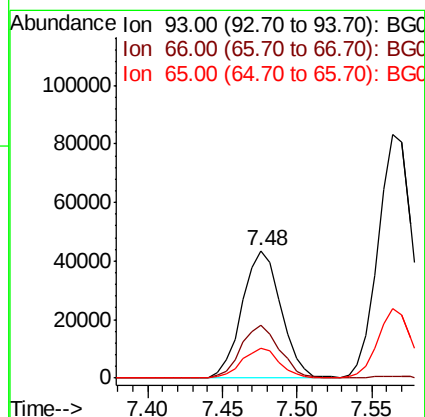
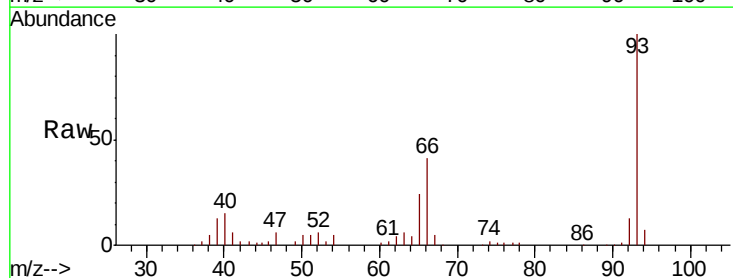
RT: 7.48 min Scan# 747

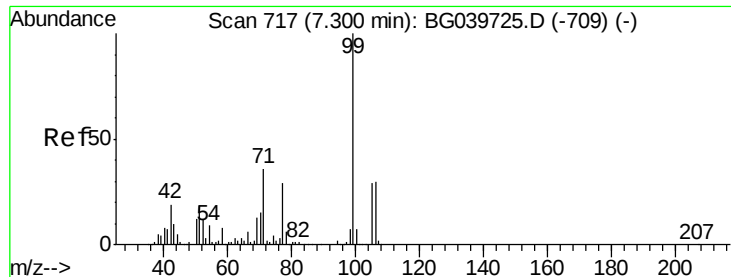
Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion:	93	Resp:	78204
Ion Ratio	Lower	Upper	
93	100		
66	41.4	34.2	51.4
65	23.6	17.7	26.5





#7

Phenol-d6

Concen: 110.988 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

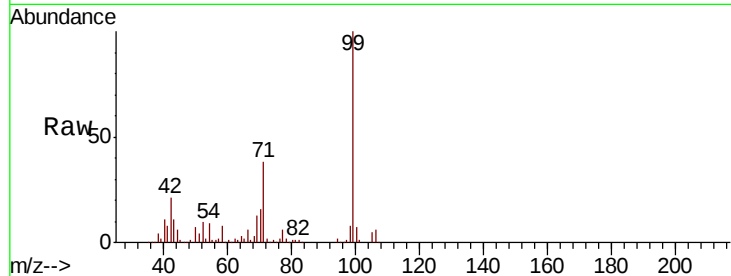
ClientSampleId :

TP-1MSD

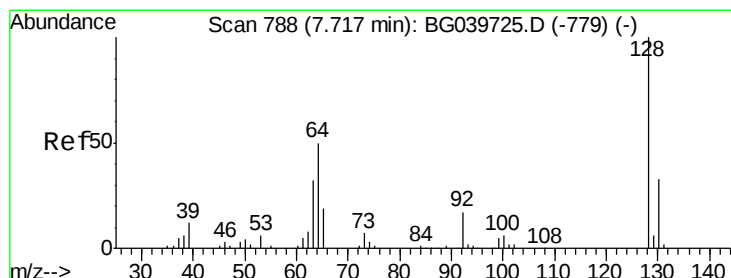
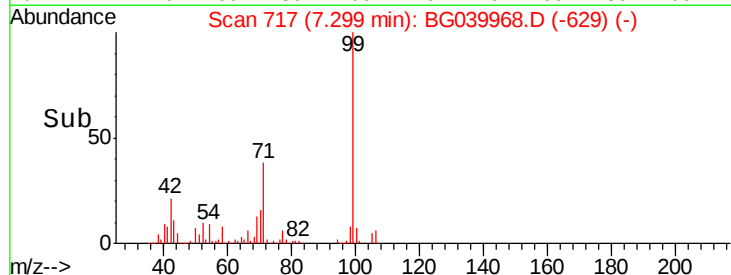
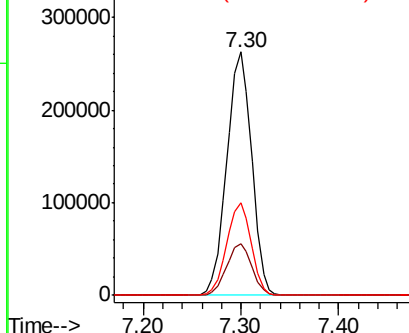
Tot Ion:	99	Resp:	464783
Ion Ratio	Lower	Upper	
99	100		
42	21.0	18.2	27.2
71	38.1	28.0	42.0

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



#8

2-Chlorophenol

Concen: 38.234 ng

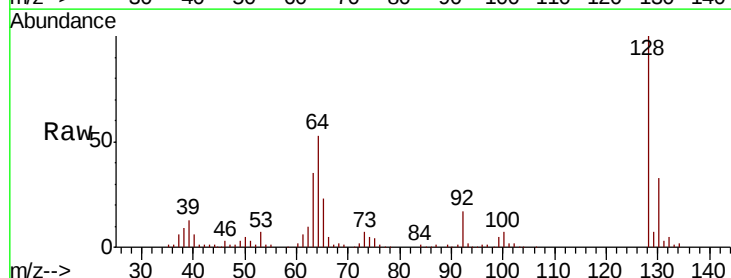
RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

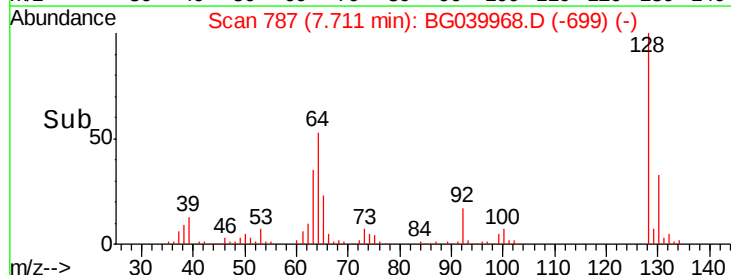
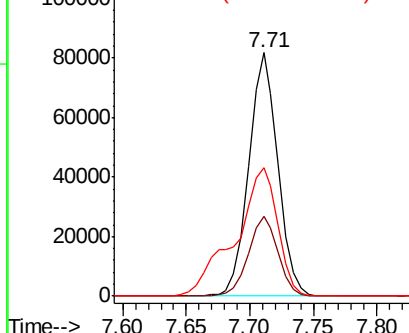
Lab File: BG039968.D

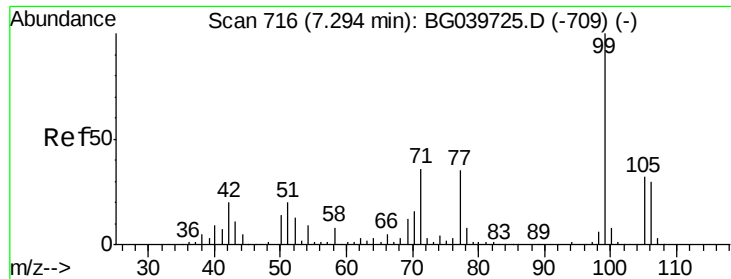
Acq: 16 Mar 2019 9:09

Tgt Ion:	128	Resp:	130275
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	52.9	38.7	78.7



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: 16.644 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

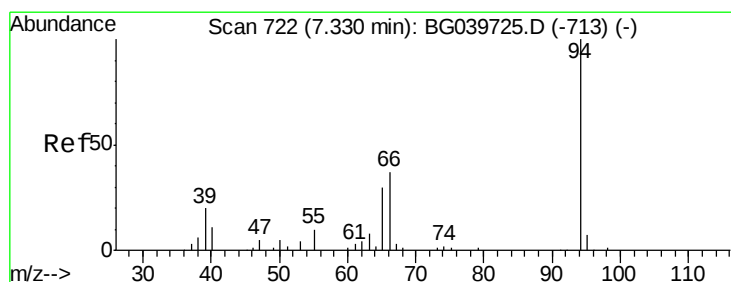
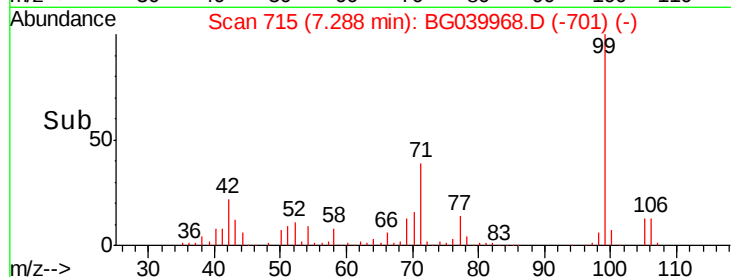
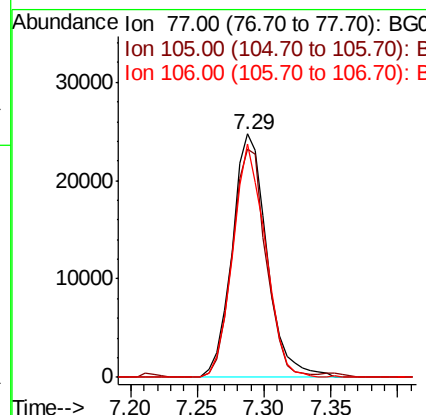
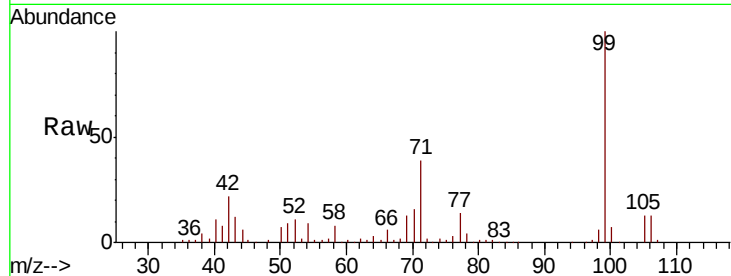
ClientSampled :

TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	93.9	74.5	114.5		
106	95.7	68.0	108.0		

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#10

Phenol

Concen: 31.909 ng

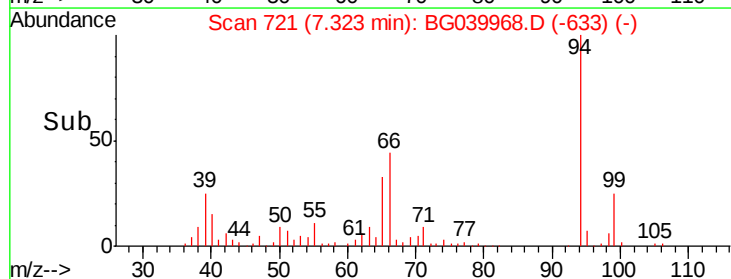
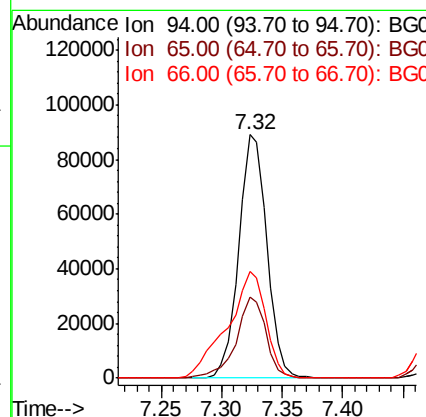
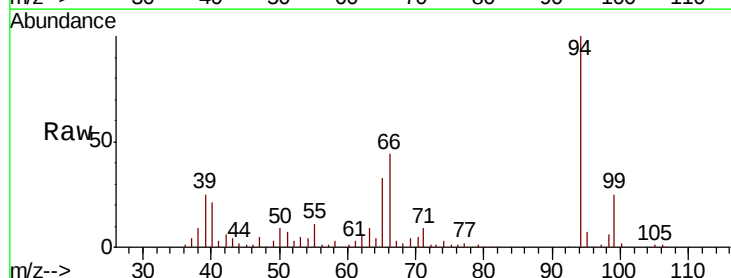
RT: 7.32 min Scan# 721

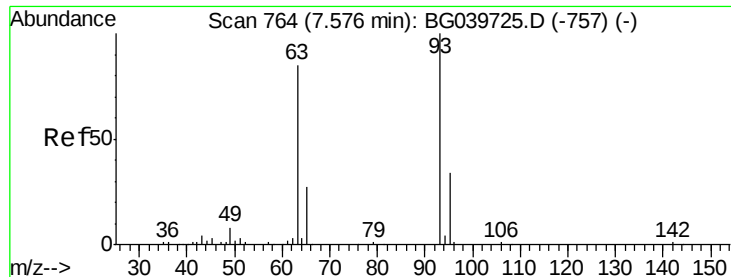
Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.3	11.7	51.7		
66	43.9	23.7	63.7		





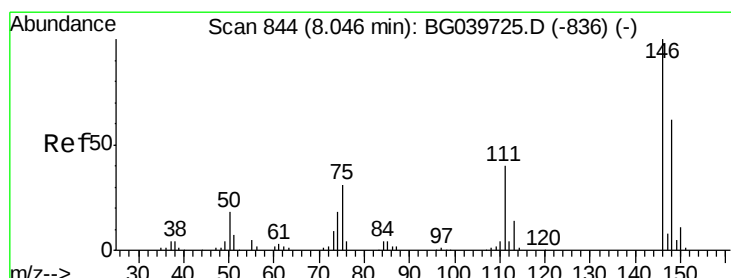
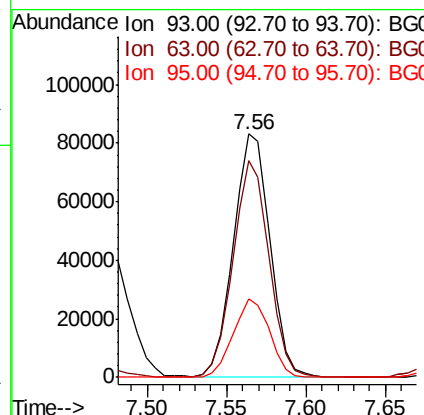
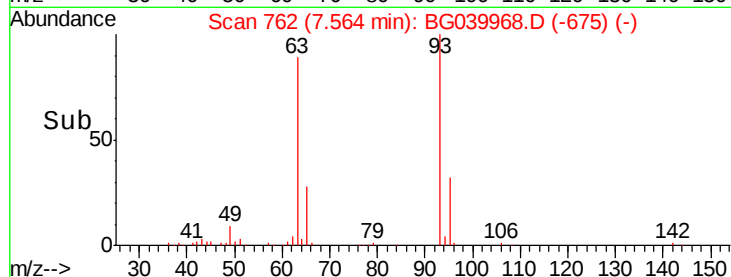
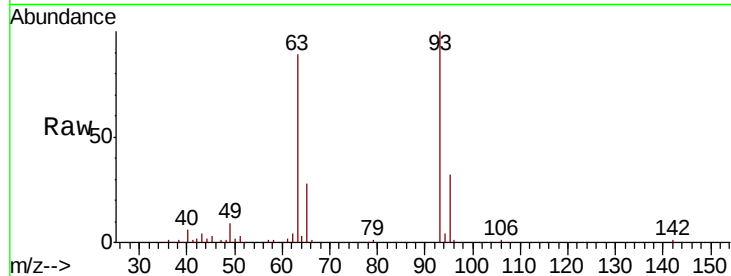
#11
bis(2-Chloroethyl)ether
Concen: 37.603 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.9	69.5	109.5
95	32.3	12.7	52.7

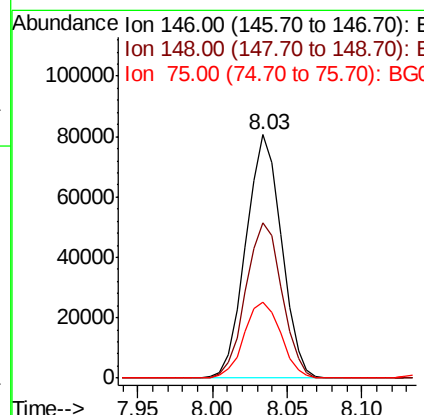
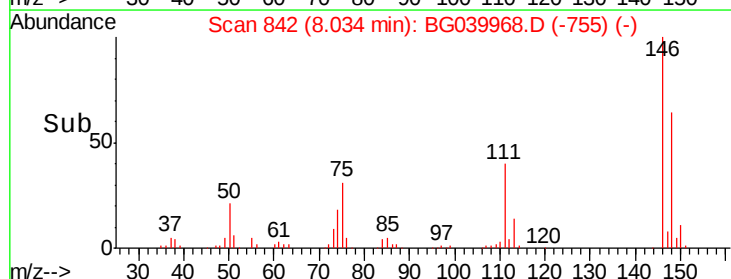
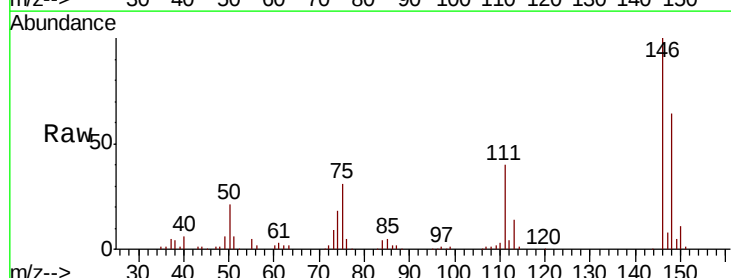
Manual Integrations
APPROVED

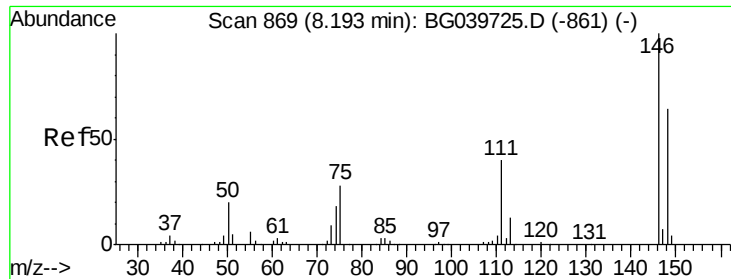
Sohil
3/18/2019 3:02:54 PM



#12
1,3-Dichlorobenzene
Concen: 34.459 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.6	79.0
75	31.1	25.8	38.6





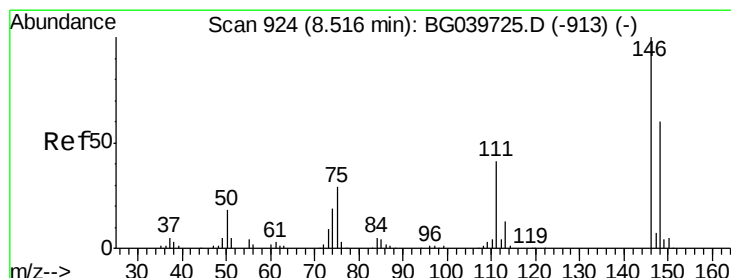
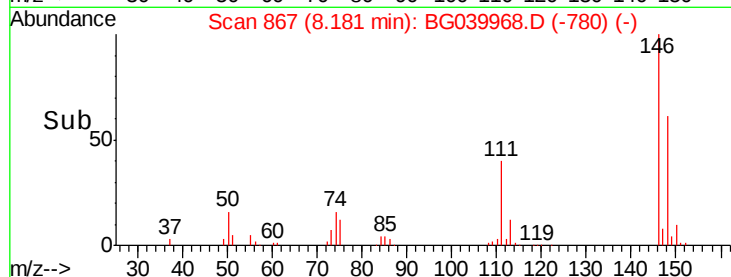
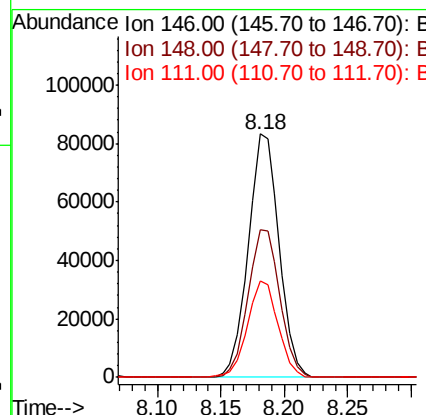
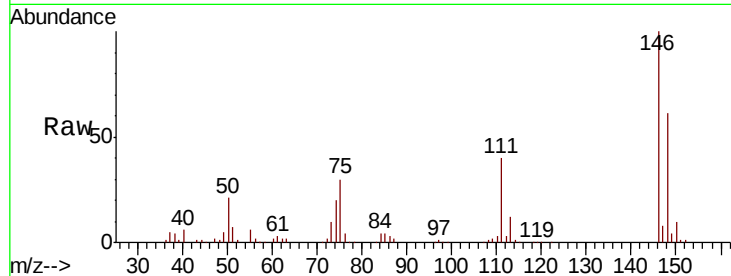
#13
 1,4-Dichlorobenzene
 Concen: 35.819 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.7	51.1	76.7
111	39.6	32.6	48.8

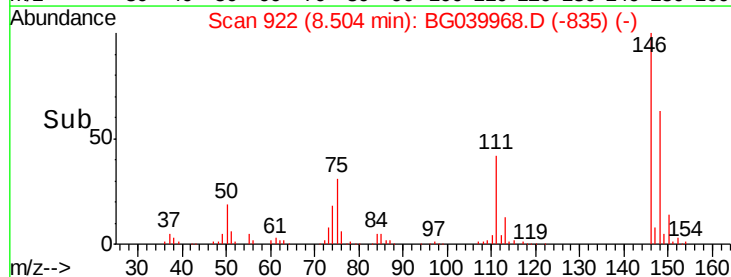
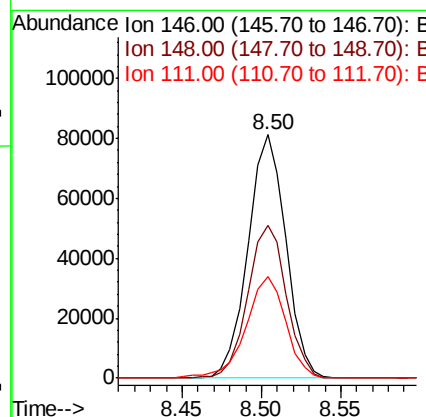
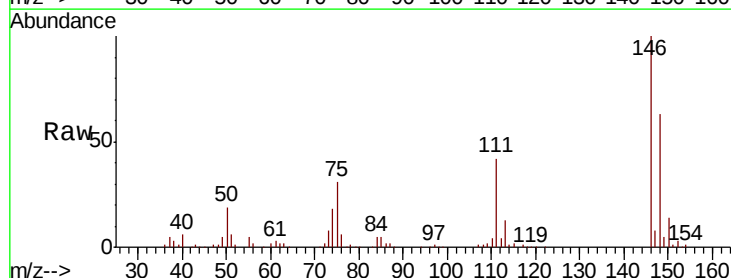
Manual Integrations
 APPROVED

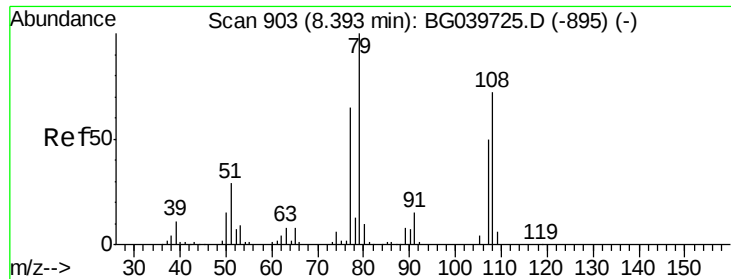
Sohil
 3/18/2019 3:02:54 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.487 ng
 RT: 8.50 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.5	77.3
111	41.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 39.918 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

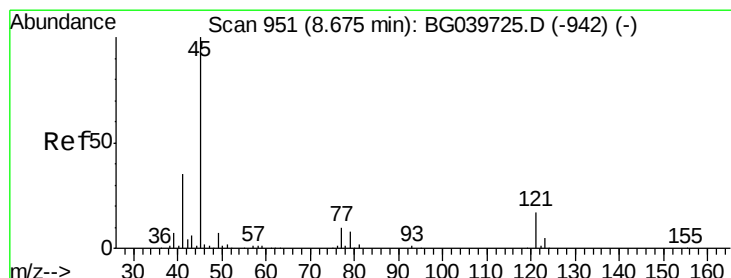
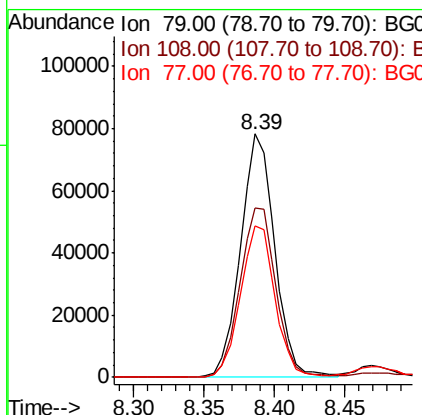
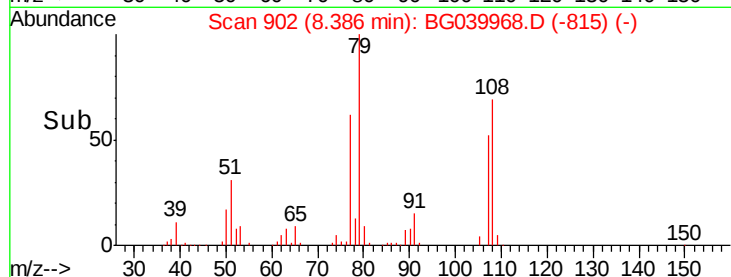
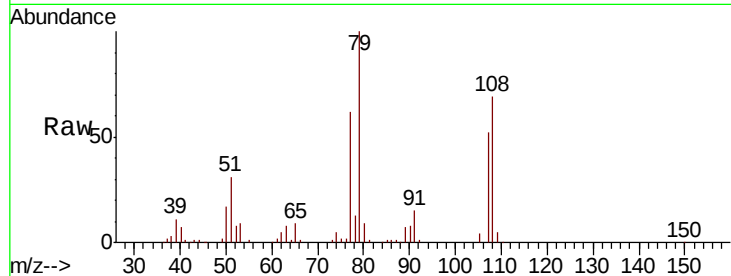
ClientSampled :

TP-1MSD

Tot Ion:	79	Resp:	132605
Ion Ratio	Lower	Upper	
79	100		
108	69.5	57.8	86.6
77	62.1	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.714 ng

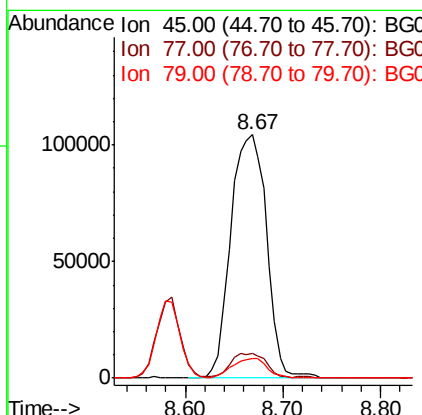
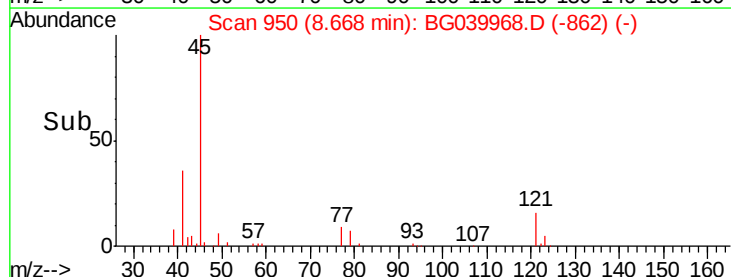
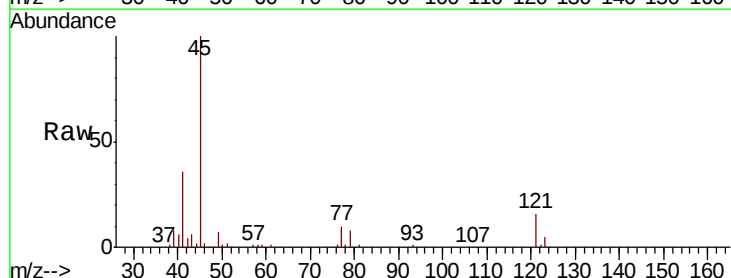
RT: 8.67 min Scan# 950

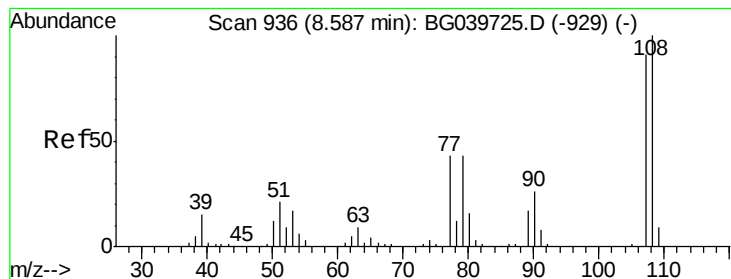
Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion:	45	Resp:	266796
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	30.0
79	7.9	0.0	27.5





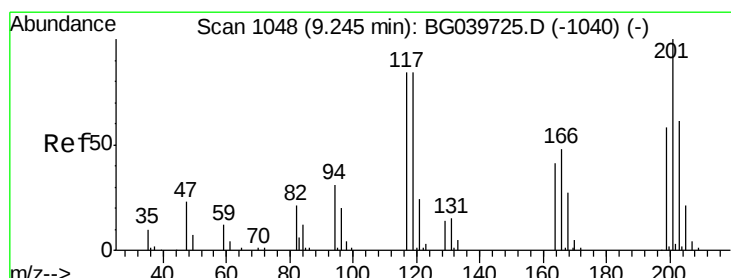
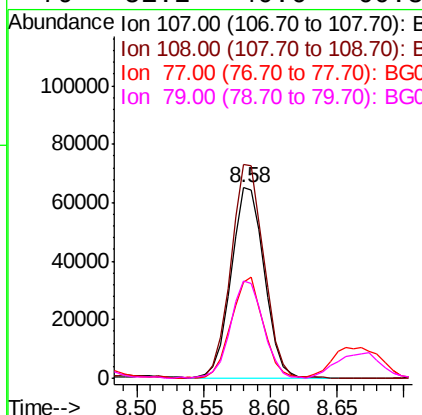
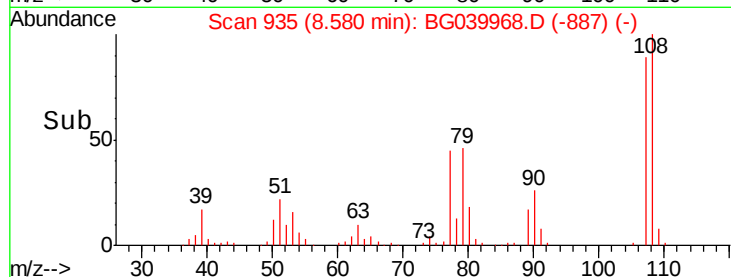
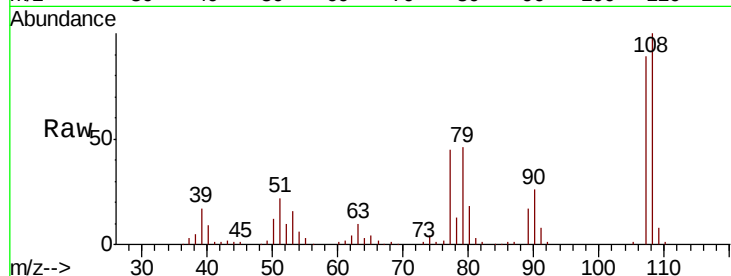
#17
2-Methylphenol
Concen: 39.092 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion:	107	Resp:	113083
Ion Ratio	Lower	Upper	
107	100		
108	112.2	90.8	136.2
77	50.1	40.7	61.1
79	51.2	40.6	60.8

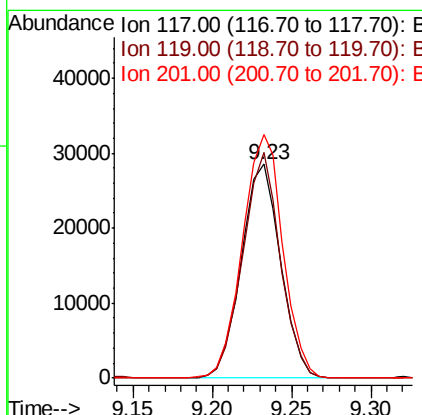
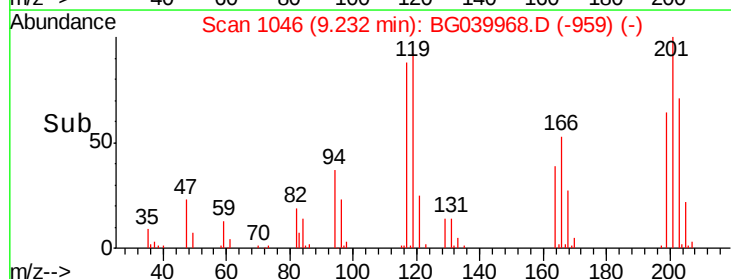
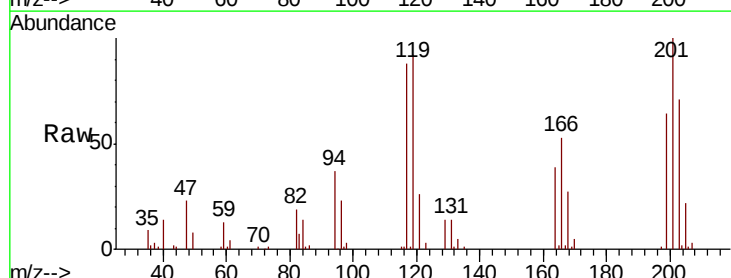
Manual Integrations
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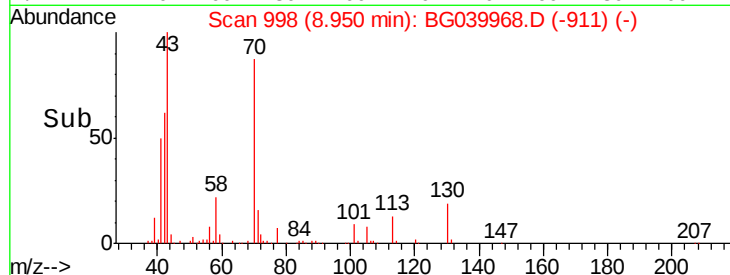
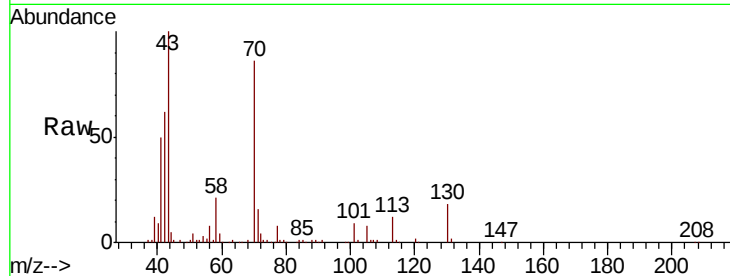
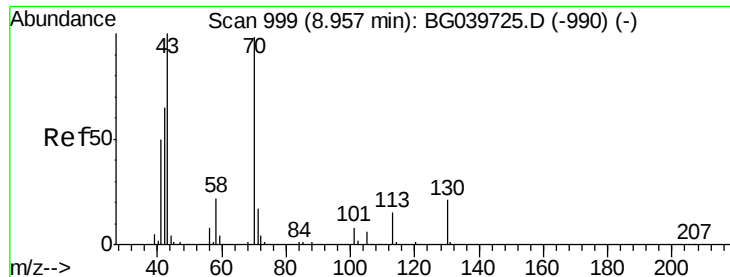
Sohil
3/18/2019 3:02:54 PM



#18
Hexachloroethane
Concen: 34.883 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion:	117	Resp:	49130
Ion Ratio	Lower	Upper	
117	100		
119	105.3	76.3	114.5
201	113.9	91.1	136.7





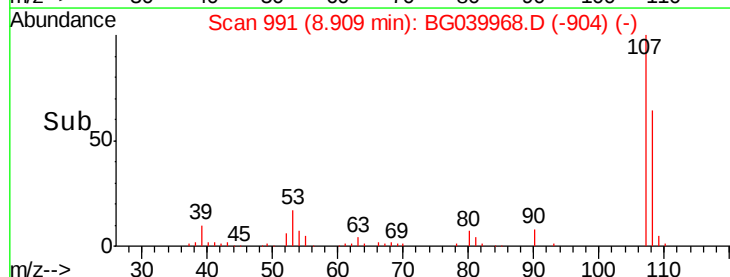
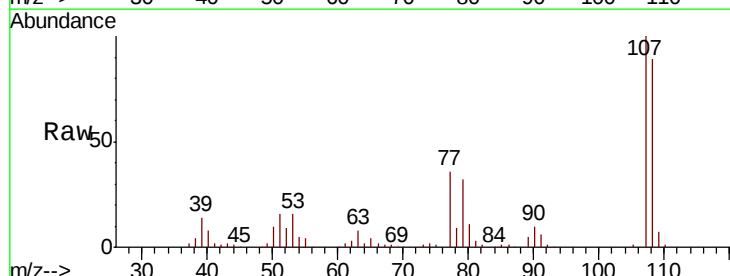
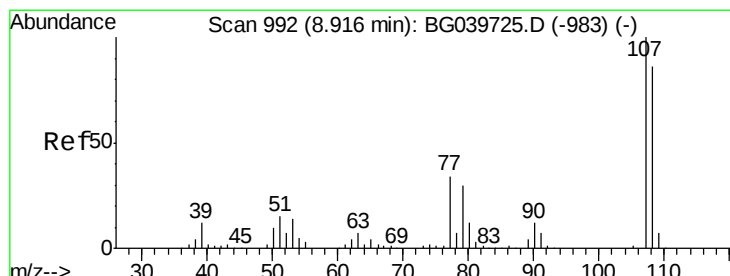
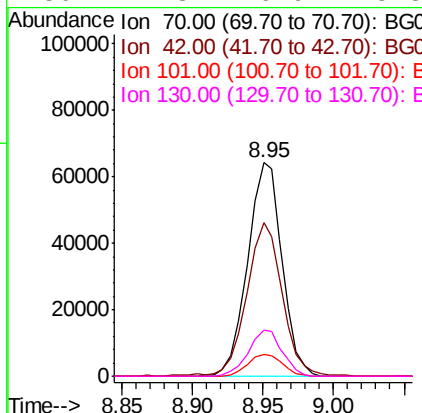
#19
n-Nitroso-di-n-propylamine
Concen: 36.333 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	71.9	60.4	90.6		
101	10.1	7.5	11.3		
130	21.3	16.9	25.3		

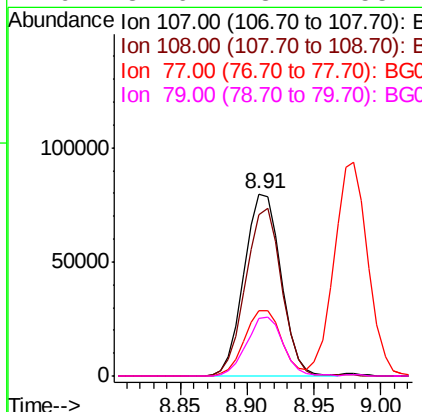
Manual Integrations
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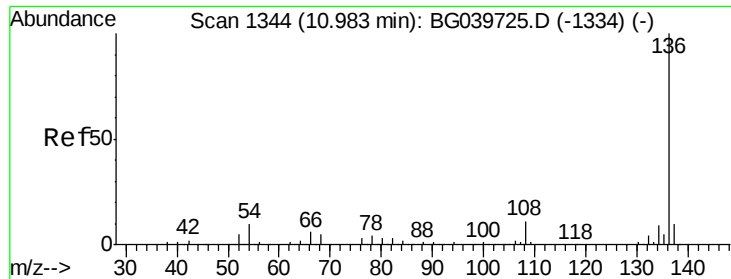
Sohil
3/18/2019 3:02:54 PM



#20
3+4-Methylphenols
Concen: 38.010 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.0	67.9	107.9		
77	35.9	15.4	55.4		
79	31.6	13.7	53.7		





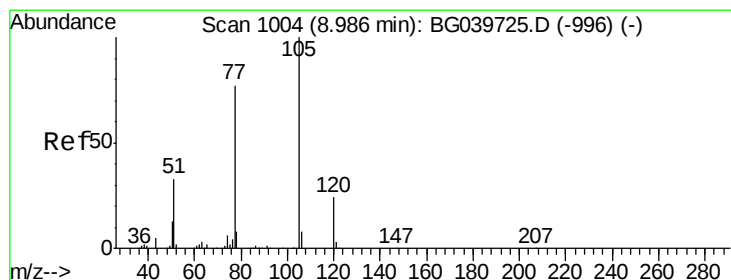
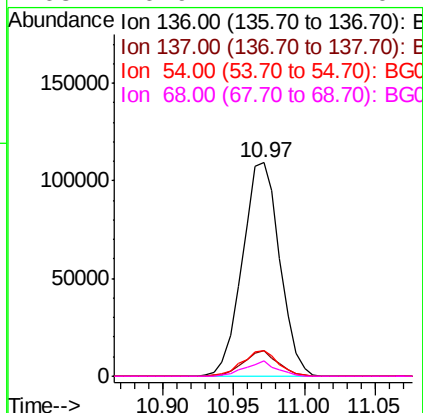
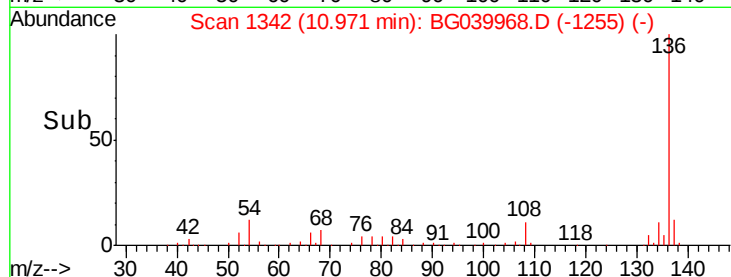
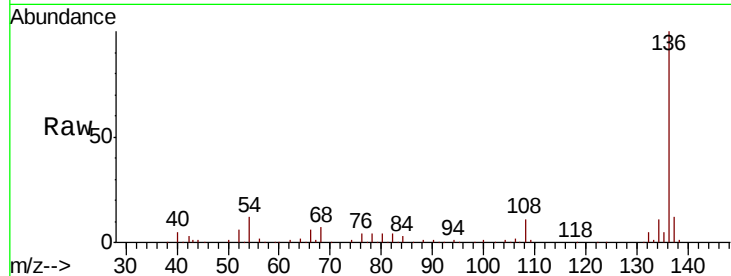
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	202044		
137	11.9	9.1	13.7	
54	11.9	9.4	14.2	
68	6.9	4.2	6.4#	

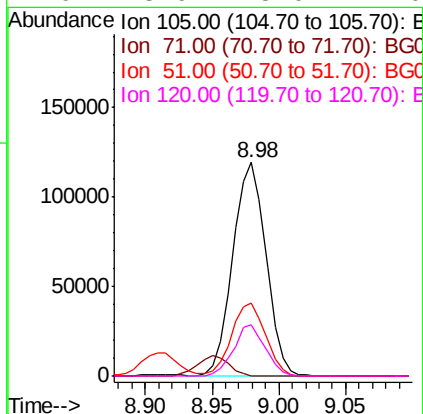
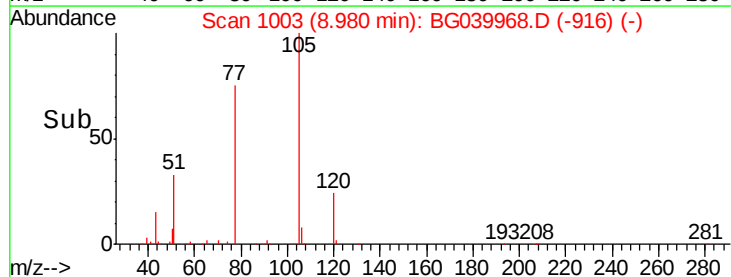
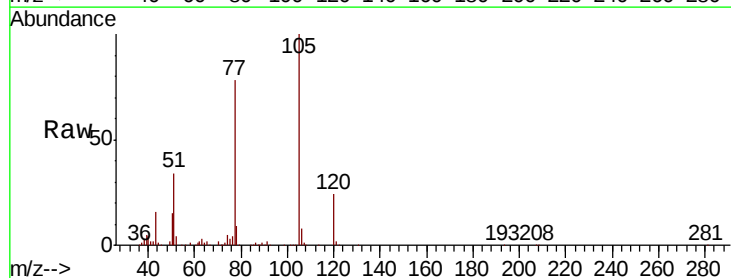
Manual Integrations
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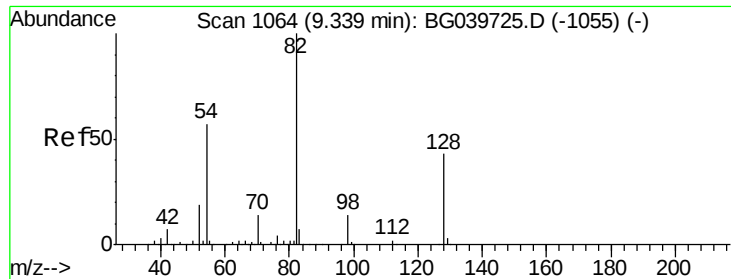
Sohil
3/18/2019 3:02:54 PM



#22
Acetophenone
Concen: 38.081 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206508		
71	0.2	0.8	1.2#	
51	34.1	30.2	45.2	
120	23.9	18.0	27.0	





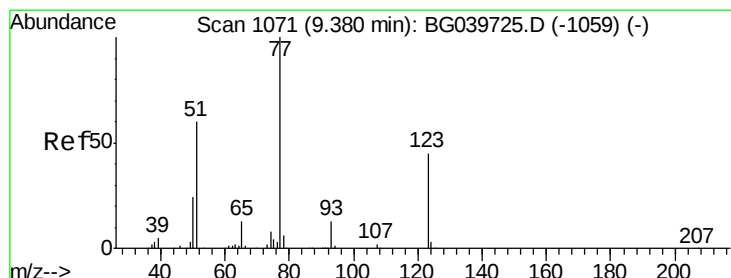
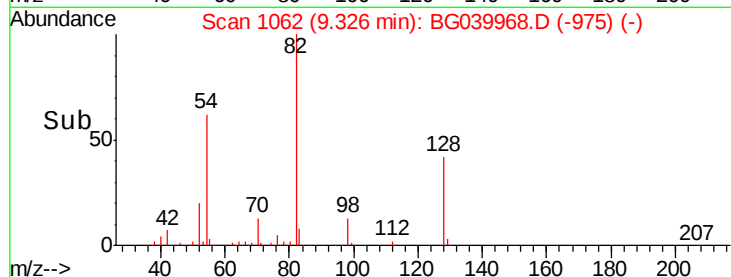
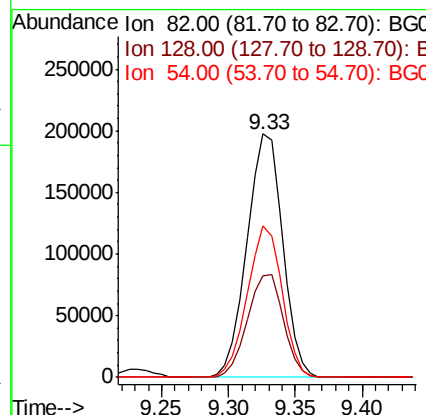
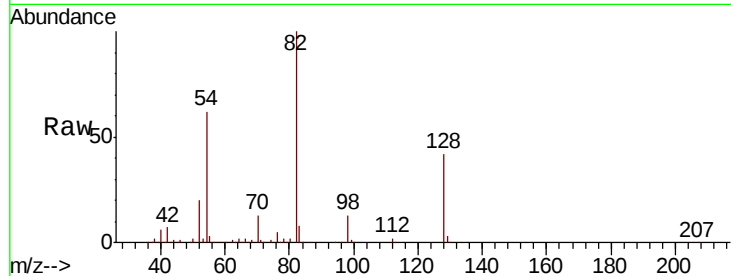
#23
 Nitrobenzene-d5
 Concen: 97.473 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	364135		
128	41.7	31.3	46.9	
54	62.1	50.9	76.3	

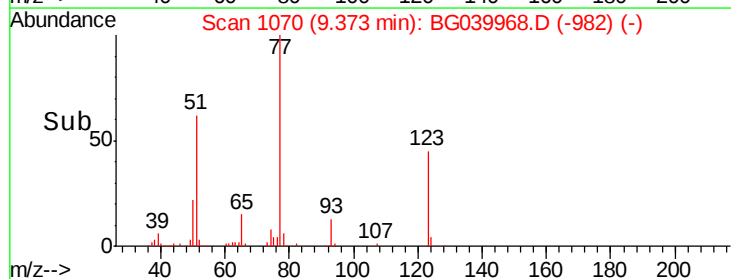
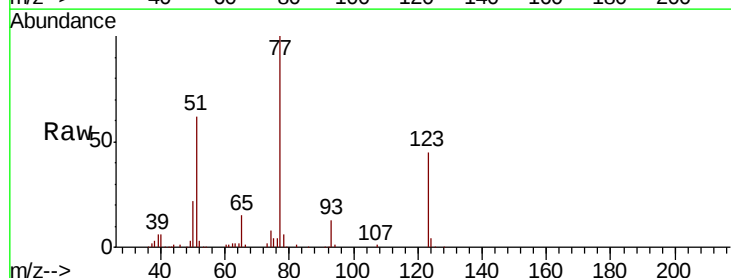
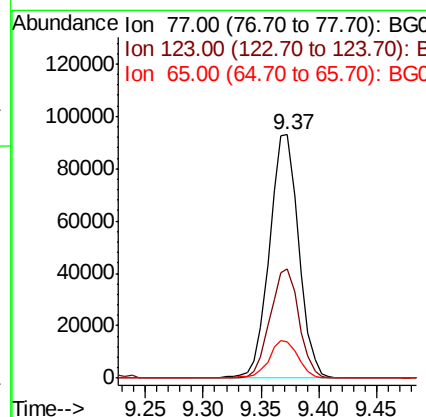
Manual Integrations
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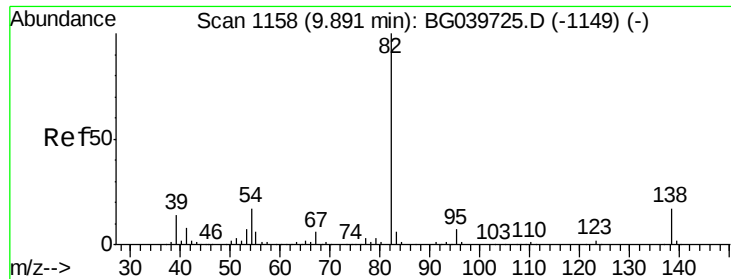
Sohil
 3/18/2019 3:02:54 PM



#24
 Nitrobenzene
 Concen: 42.170 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	165268		
123	44.8	34.1	51.1	
65	14.7	12.3	18.5	





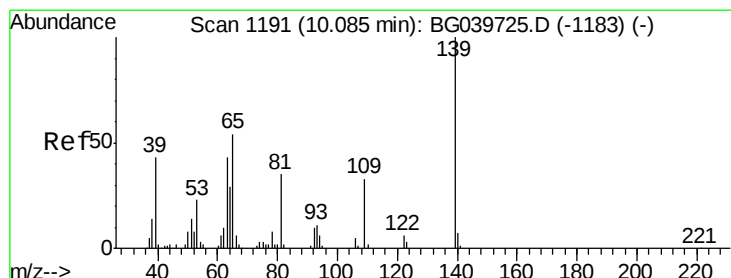
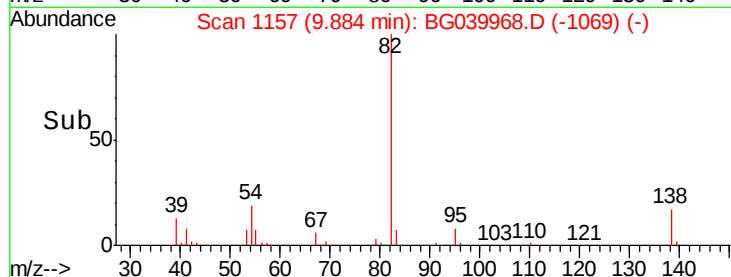
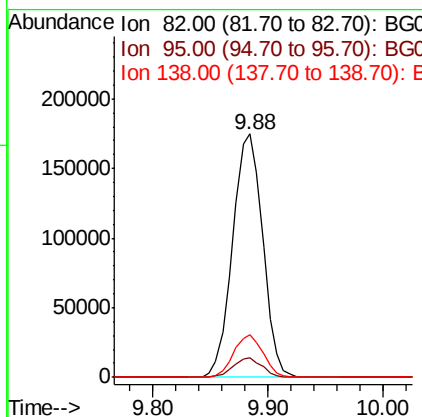
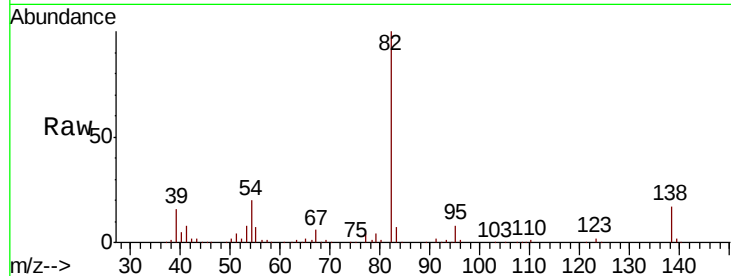
#25
Isophorone
Concen: 40.304 ng
RT: 9.88 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	315485		
95	8.1	6.2	9.2	
138	17.3	13.0	19.4	

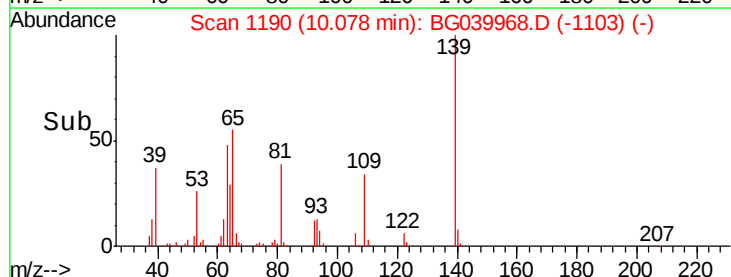
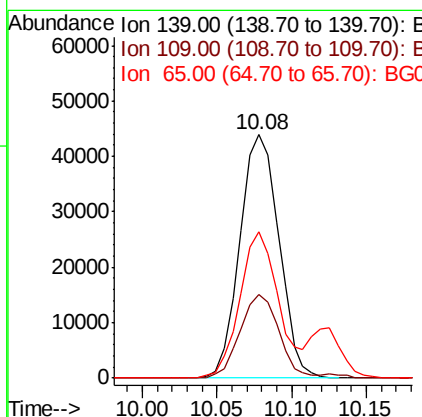
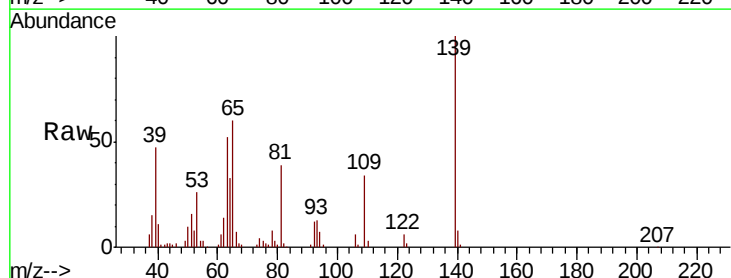
Manual Integrations
APPROVED

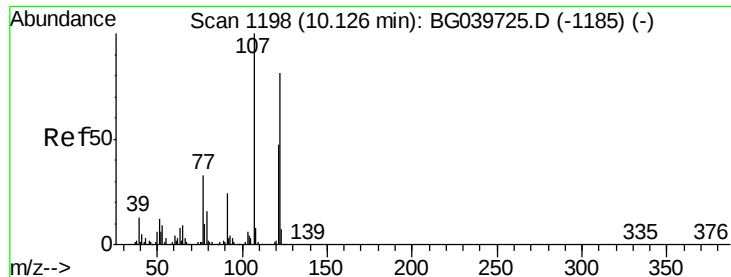
Sohil
3/18/2019 3:02:54 PM



#26
2-Nitrophenol
Concen: 42.063 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	79591		
109	34.4	23.4	35.0	
65	59.9	44.3	66.5	





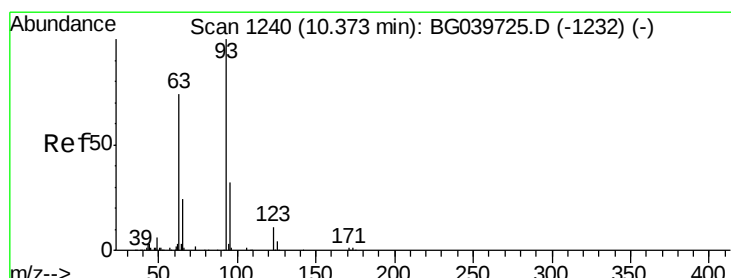
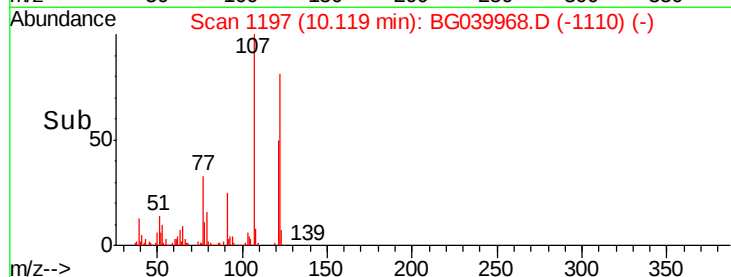
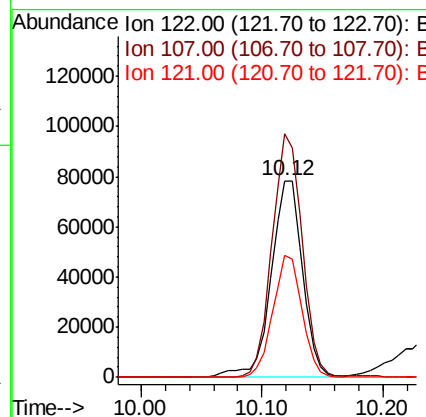
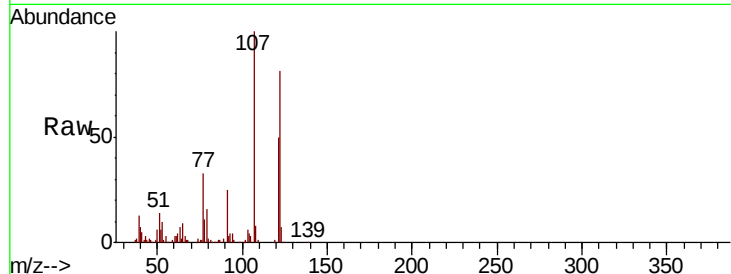
#27
2,4-Dimethylphenol
Concen: 47.630 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	140169		
107	123.8	91.7	137.5	
121	62.1	46.4	69.6	

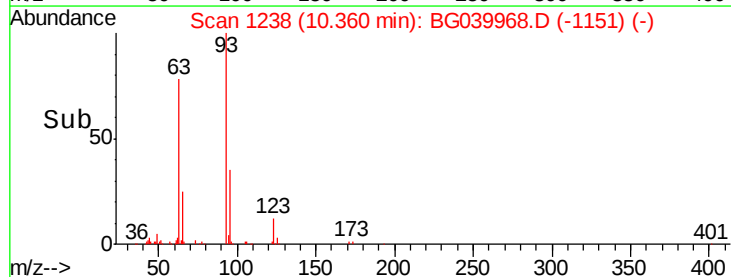
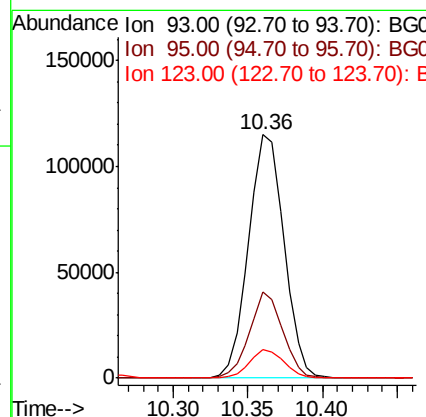
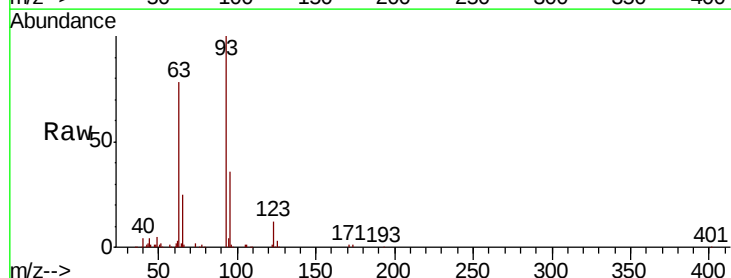
Manual Integrations
APPROVED

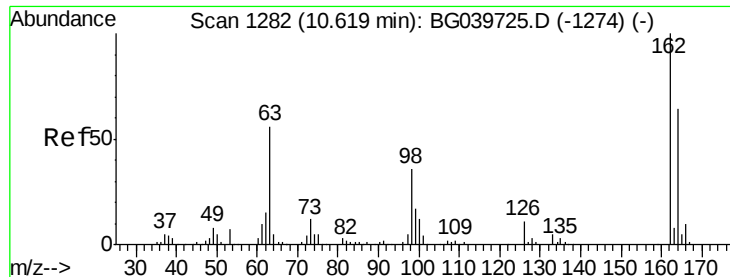
Sohil
3/18/2019 3:02:54 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.767 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	189167		
95	35.5	25.0	37.4	
123	11.7	8.6	12.8	





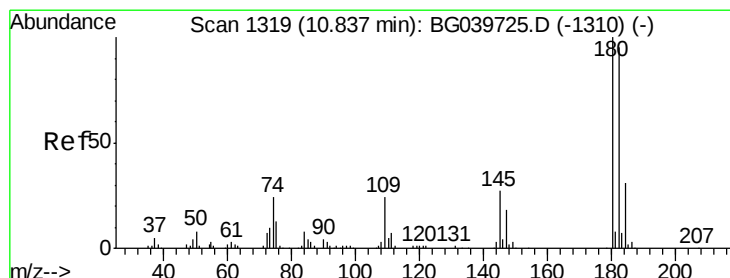
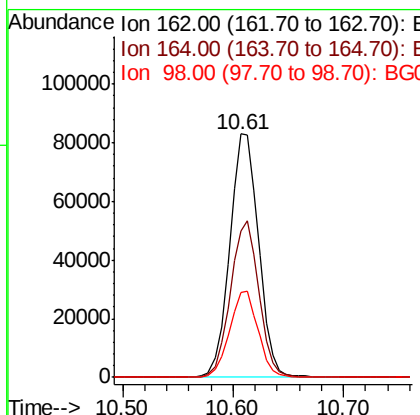
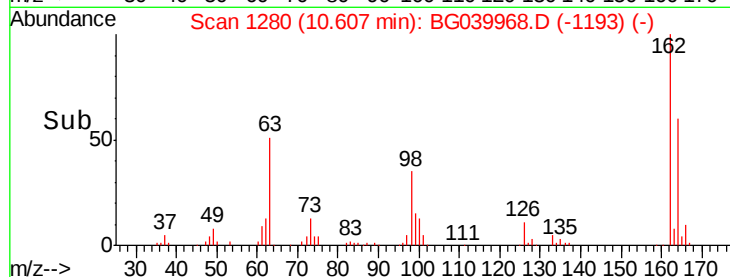
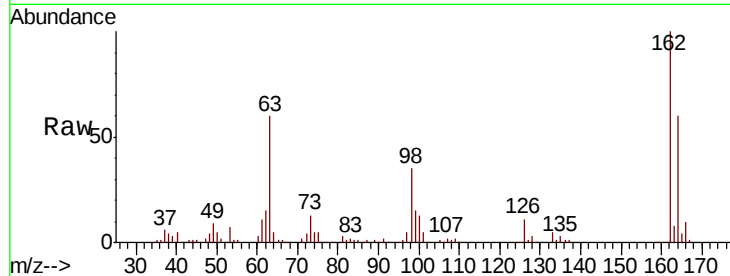
#29
 2,4-Dichlorophenol
 Concen: 45.888 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	59.9	48.1	88.1
98	35.0	18.1	58.1

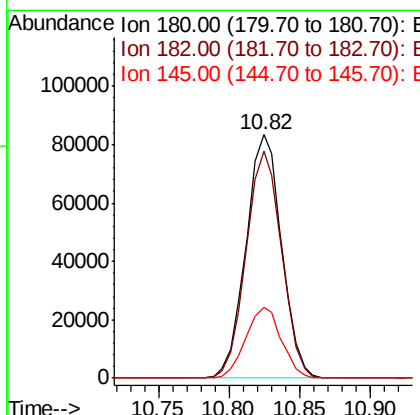
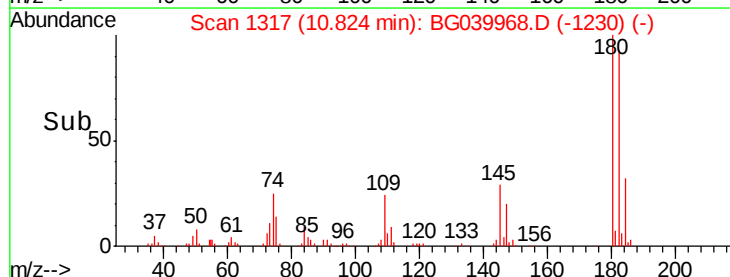
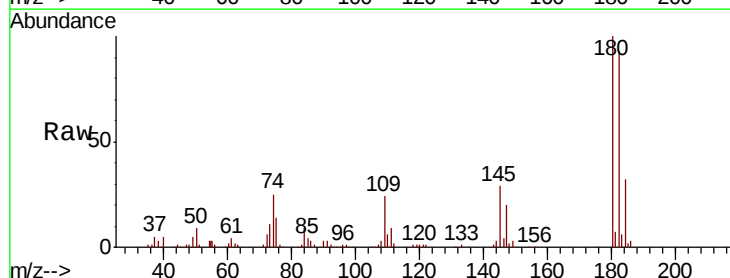
Manual Integrations
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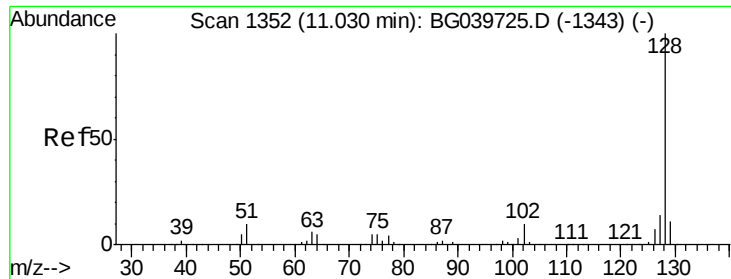
Sohil
 3/18/2019 3:02:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.613 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.1	76.0	114.0
145	29.1	22.7	34.1





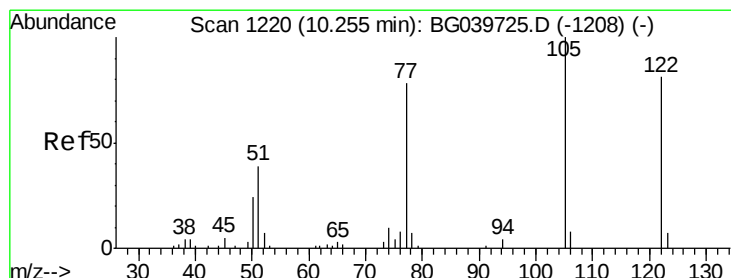
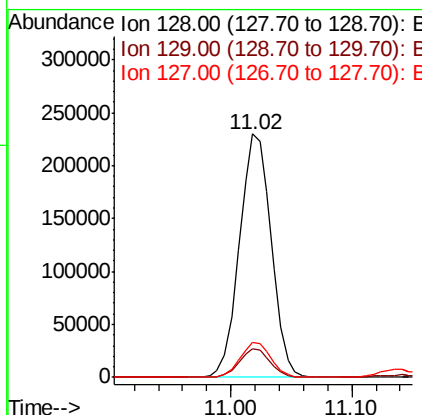
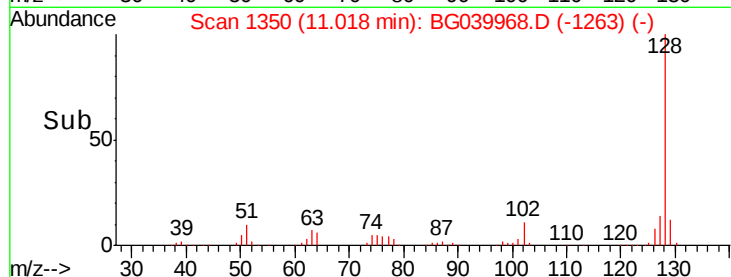
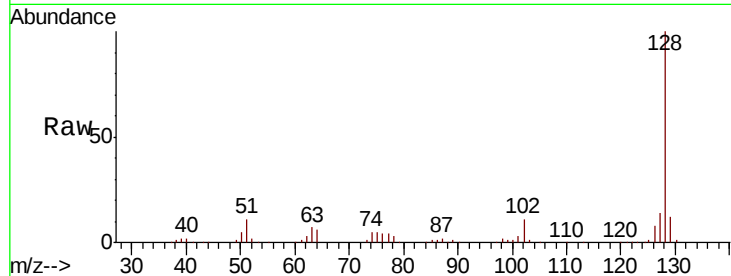
#31
Naphthalene
Concen: 39.406 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	14.3	10.8	16.2

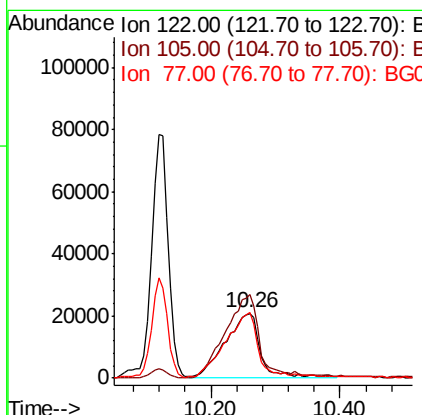
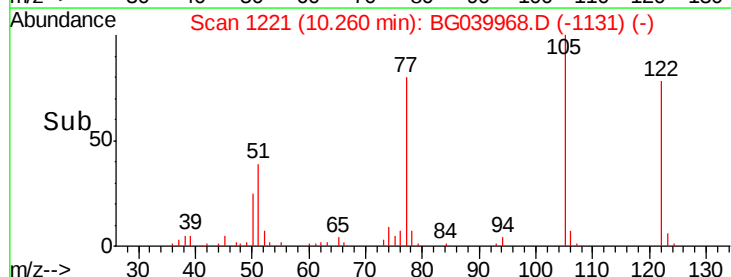
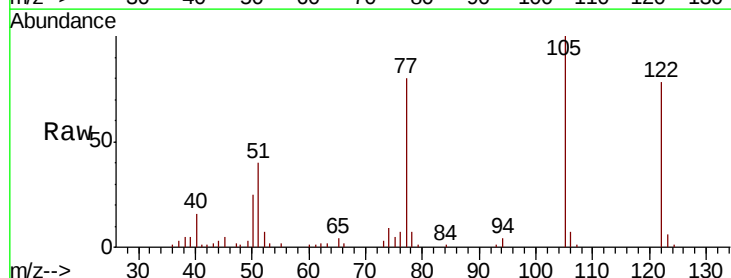
Manual Integrations
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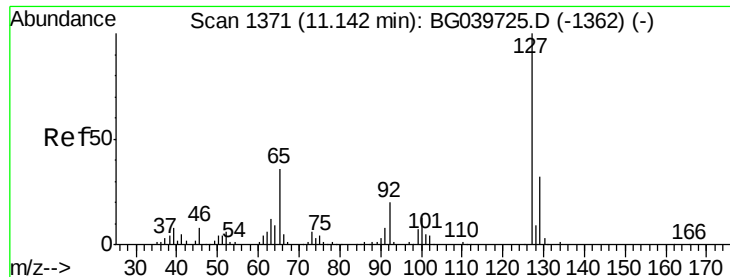
Sohil
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#32
Benzoic acid
Concen: 40.497 ng m
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	101.8	141.8
77	102.5	76.3	116.3





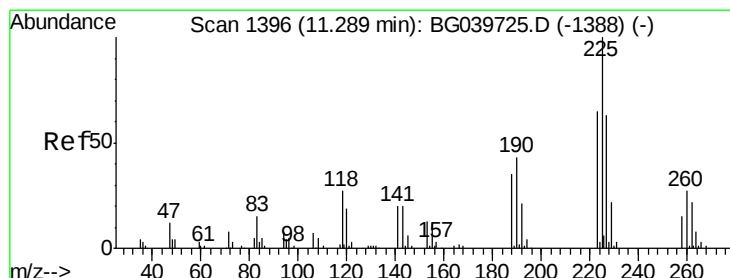
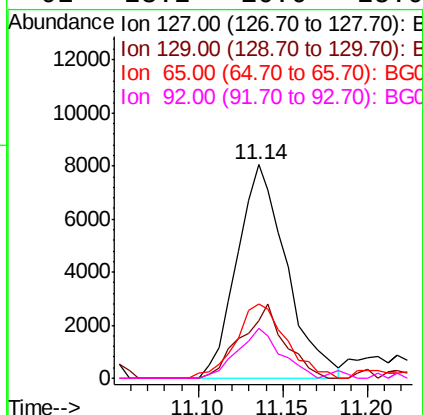
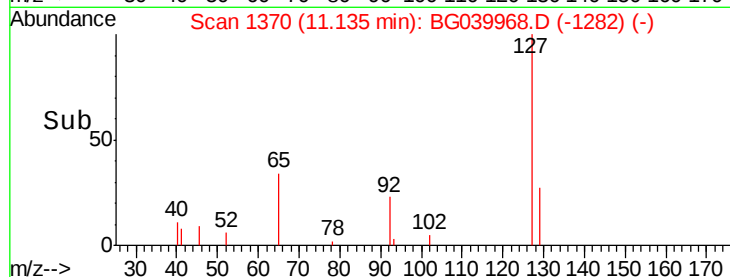
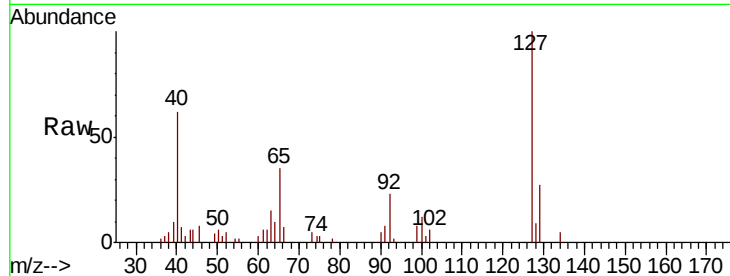
#33
4-Chloroaniline
Concen: 3.611 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion:	127	Resp:	16380
Ion Ratio	Lower	Upper	
127	100		
129	26.8	27.0	40.4#
65	35.0	28.8	43.2
92	23.2	16.6	25.0

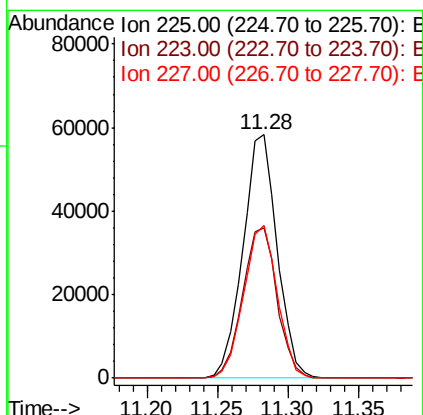
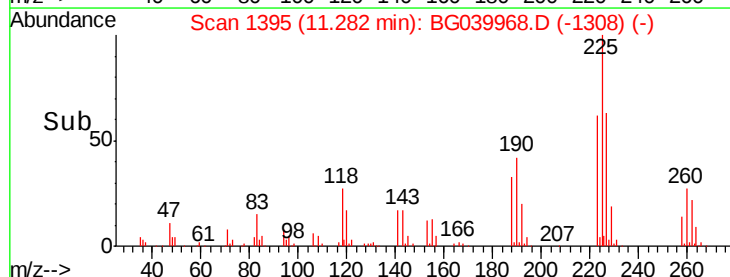
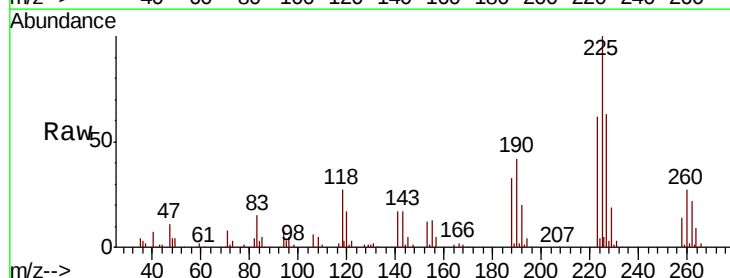
Manual Integrations
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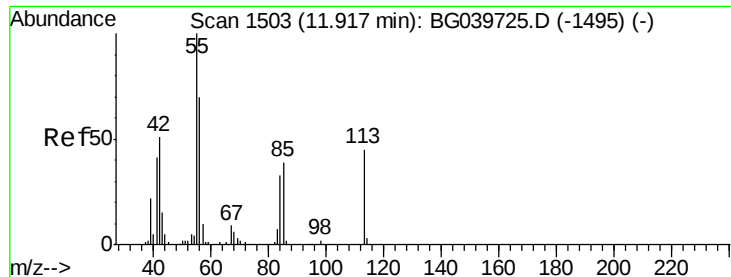
Sohil
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#34
Hexachlorobutadiene
Concen: 38.873 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion:	225	Resp:	99040
Ion Ratio	Lower	Upper	
225	100		
223	61.8	49.0	73.6
227	62.5	46.3	69.5





#35

Caprolactam

Concen: 27.237 ng/mL

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

ClientSampled :

TP-1MSD

Tot Ion:113 Resp: 34473

Ion Ratio Lower Upper

113 100

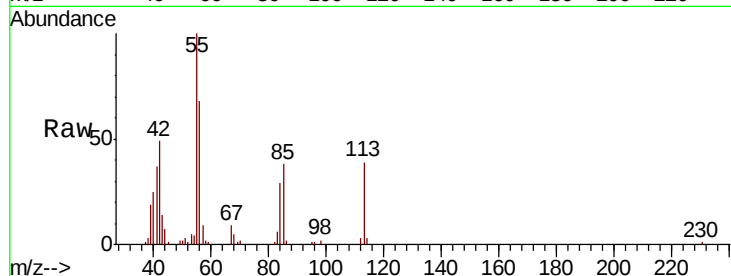
55 258.6 216.9 256.9#

56 176.2 152.6 192.6

Manual Integrations
APPROVED

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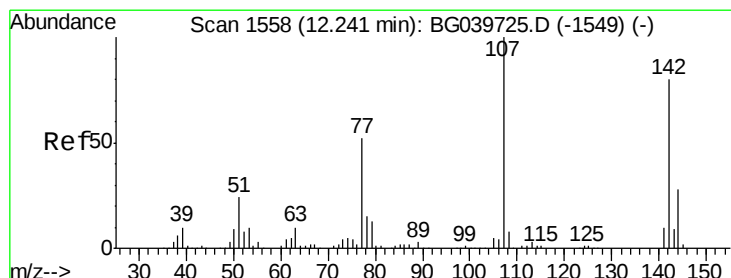
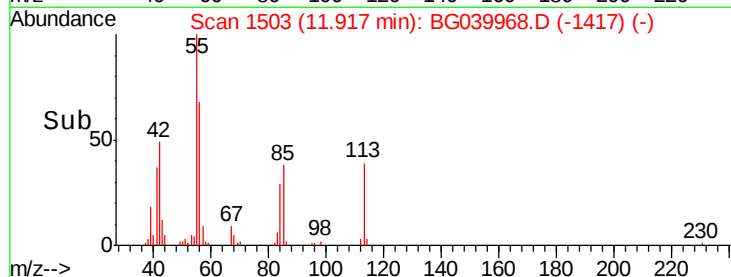
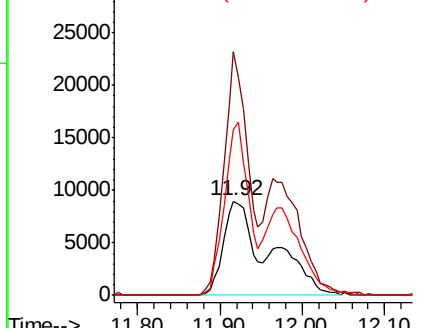
3/18/2019 3:02:54 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039725.D (-1495) (-)

Ion 56.00 (55.70 to 56.70): BG039725.D (-1495) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.904 ng/mL

RT: 12.23 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

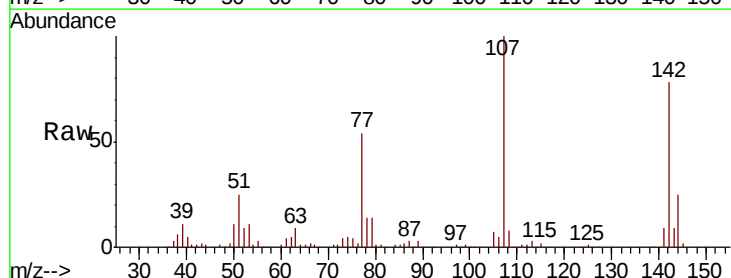
Tgt Ion:107 Resp: 166756

Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.2

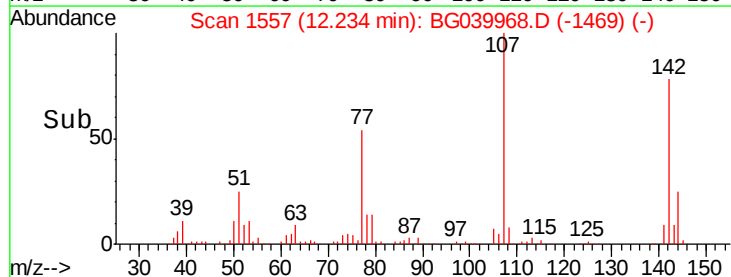
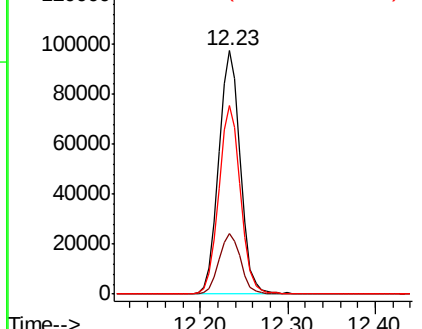
142 77.6 61.4 92.2

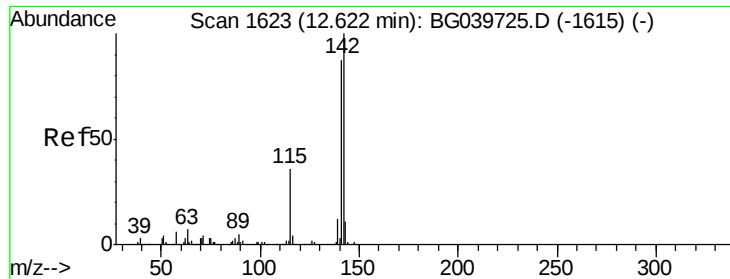


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





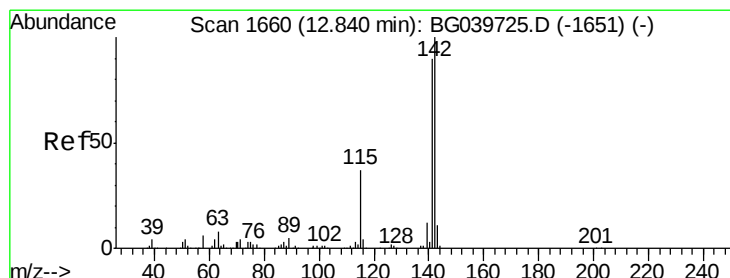
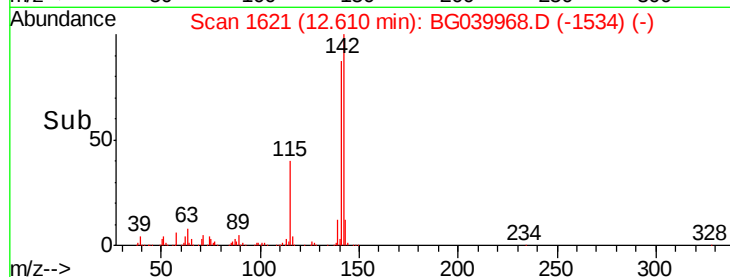
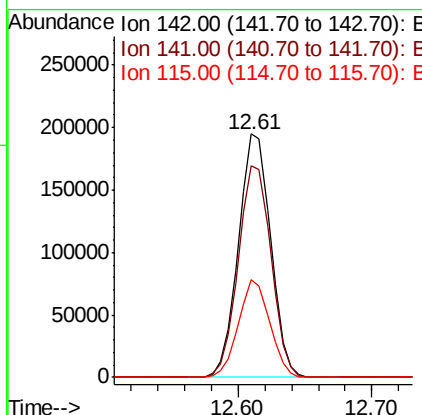
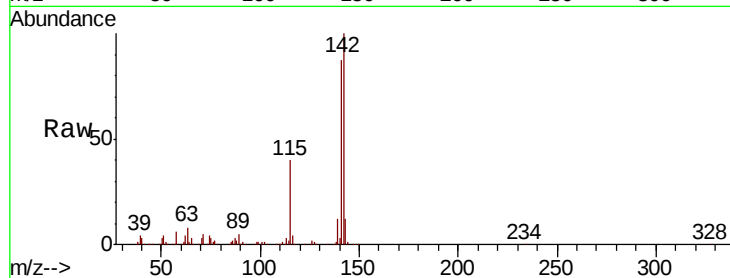
#37
 2-Methylnaphthalene
 Concen: 40.696 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	73.5	110.3
115	39.9	30.8	46.2

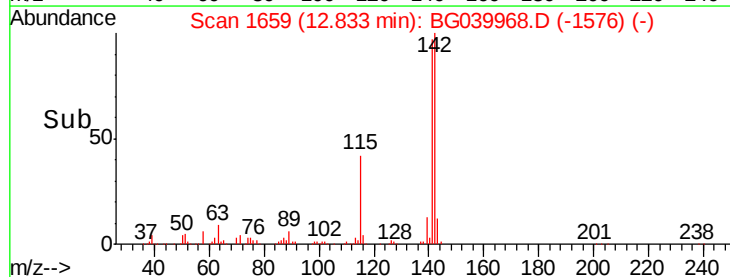
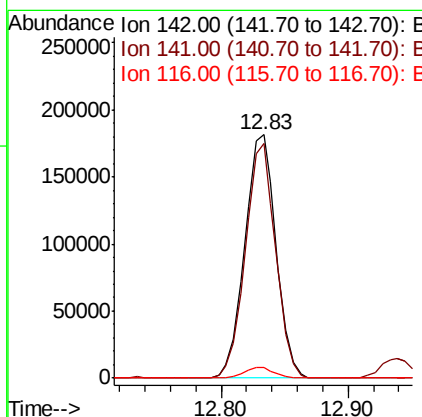
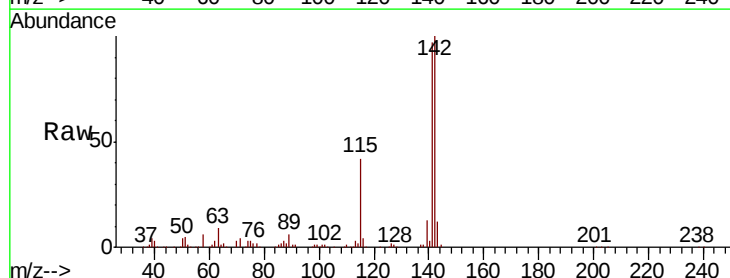
Manual Integrations
 APPROVED

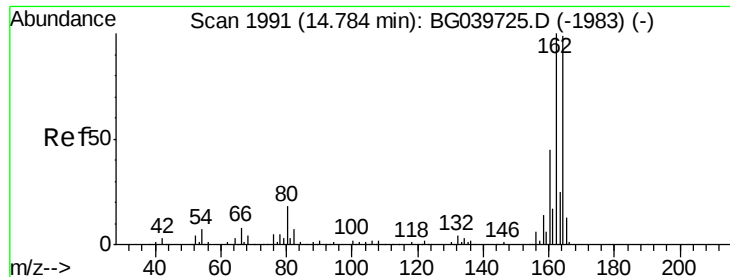
Sohil
 3/18/2019 3:02:54 PM



#38
 1-Methylnaphthalene
 Concen: 39.831 ng
 RT: 12.83 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.5	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

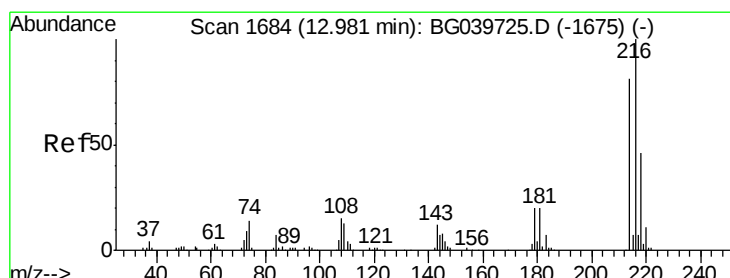
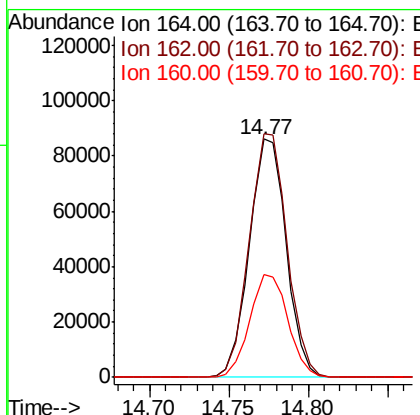
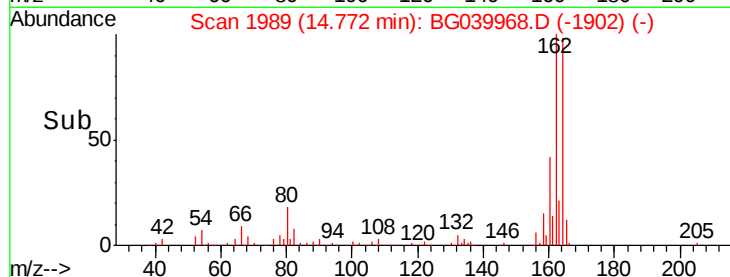
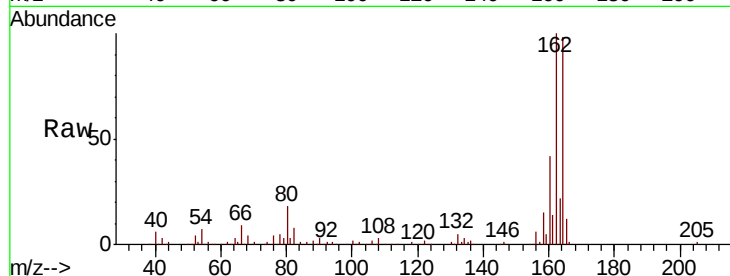
ClientSampled :

TP-1MSD

Tot Ion:	164	Resp:	139372
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.6	122.4
160	43.0	34.2	51.2

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.082 ng

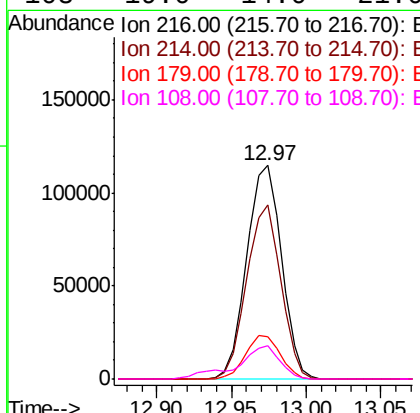
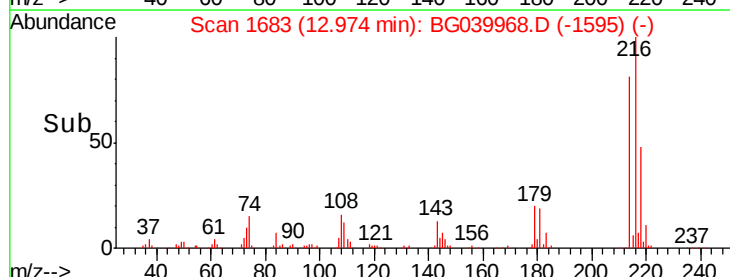
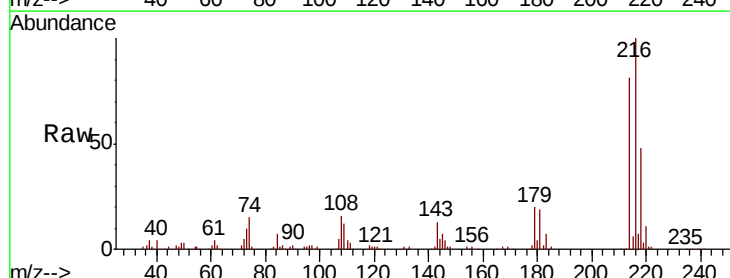
RT: 12.97 min Scan# 1683

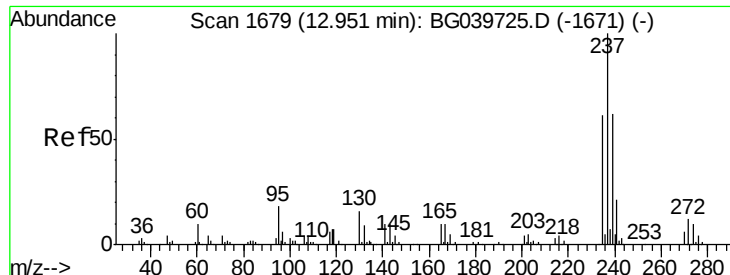
Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion:	216	Resp:	184528
Ion Ratio	Lower	Upper	
216	100		
214	80.0	62.6	94.0
179	20.3	16.6	25.0
108	19.0	14.0	21.0





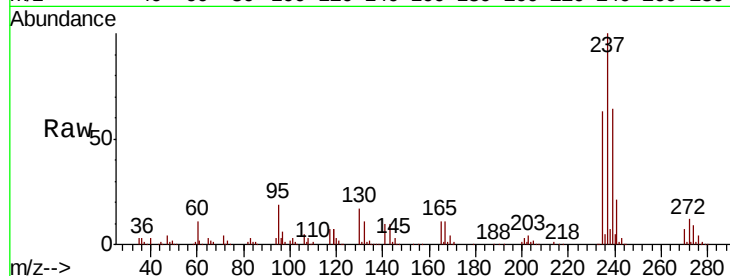
#41
Hexachlorocyclopentadiene
Concen: 93.267 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

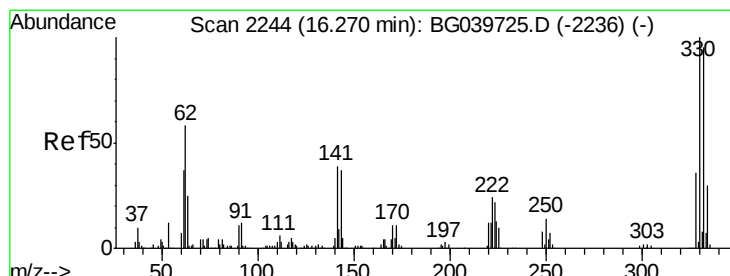
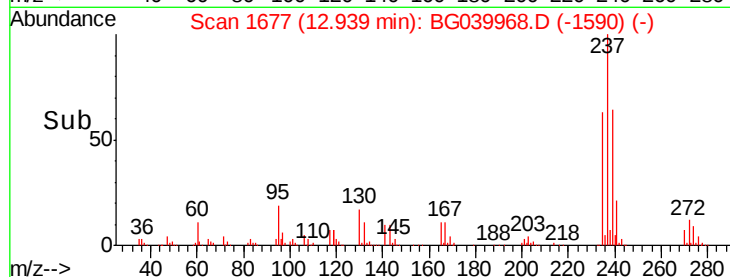
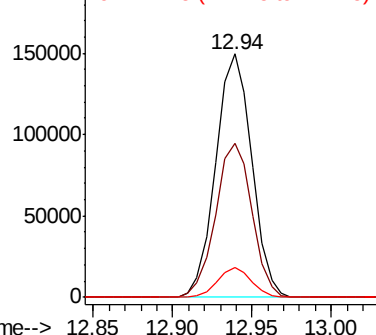
Tot Ion:	237	Resp:	235994
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.3	83.3
272	12.0	0.0	32.3

Manual Integrations
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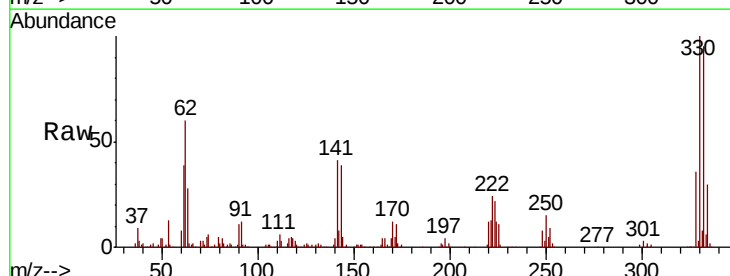


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

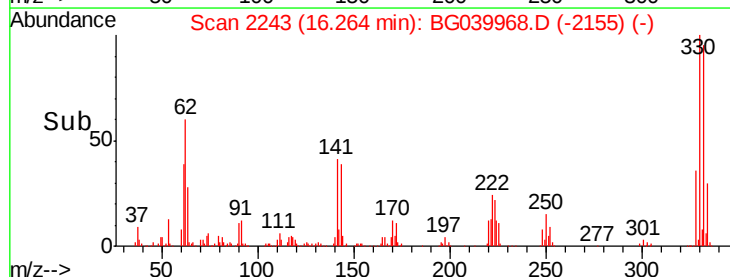
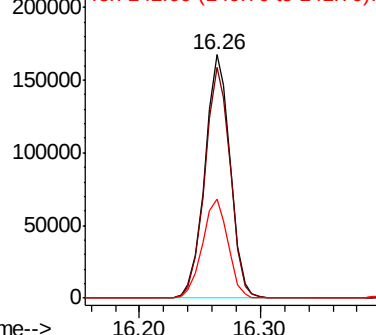


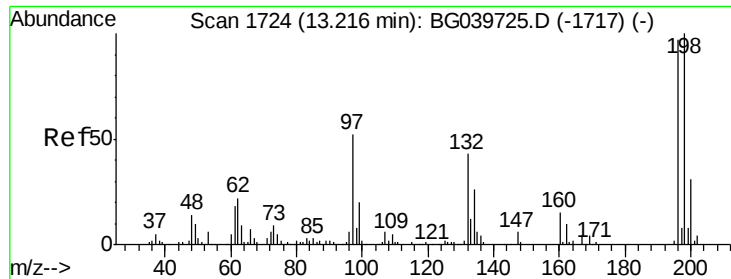
#42
2,4,6-Tribromophenol
Concen: 150.435 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion:	330	Resp:	244379
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.7	113.5
141	41.4	35.6	53.4



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





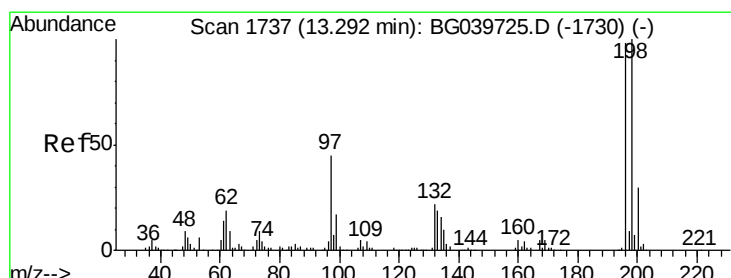
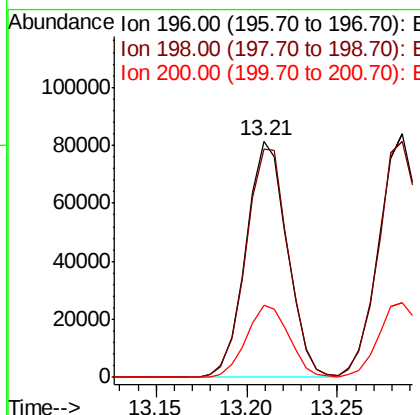
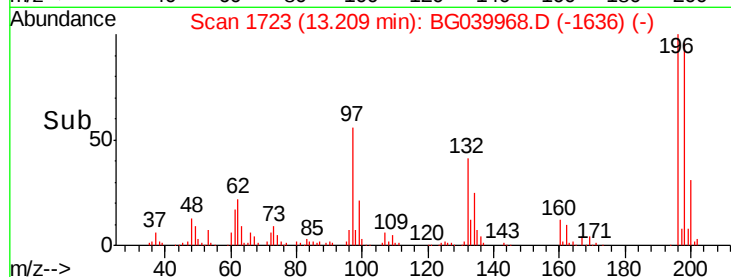
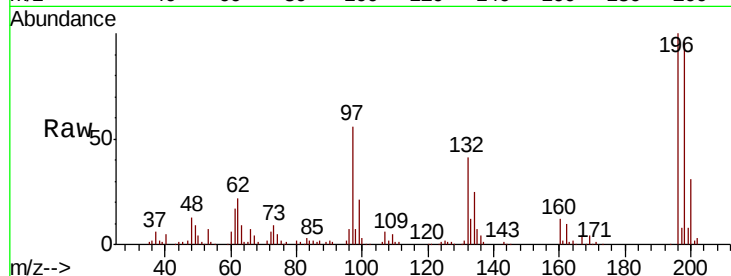
#43
 2,4,6-Trichlorophenol
 Concen: 46.646 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	128941		
198	96.4	80.6	121.0	
200	30.6	26.1	39.1	

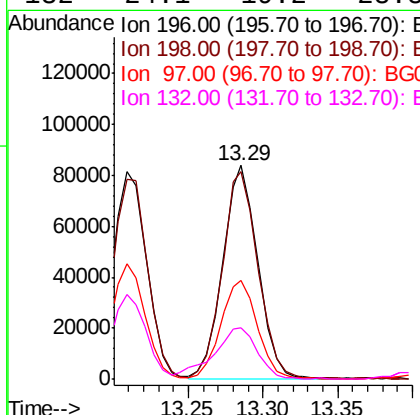
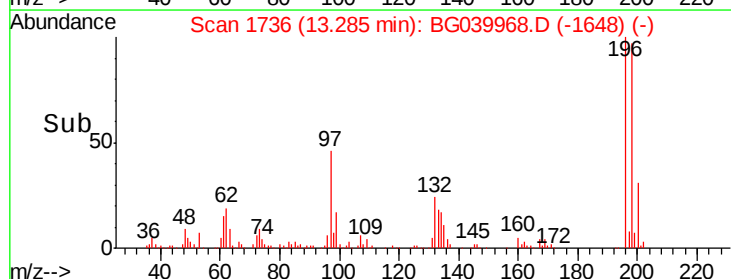
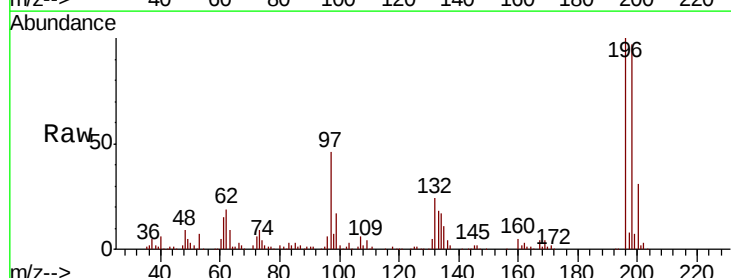
Manual Integrations
 APPROVED

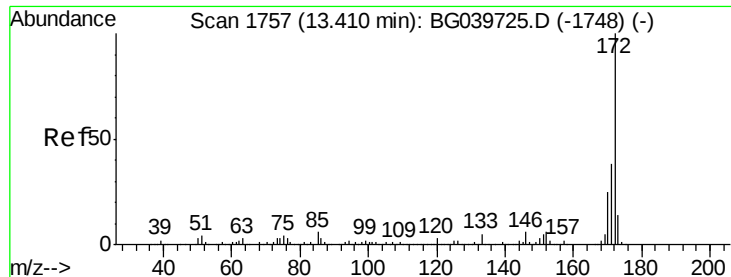
Sohil
 3/18/2019 3:02:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.172 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	137632		
198	97.1	78.5	117.7	
97	45.9	38.4	57.6	
132	24.1	19.2	28.8	





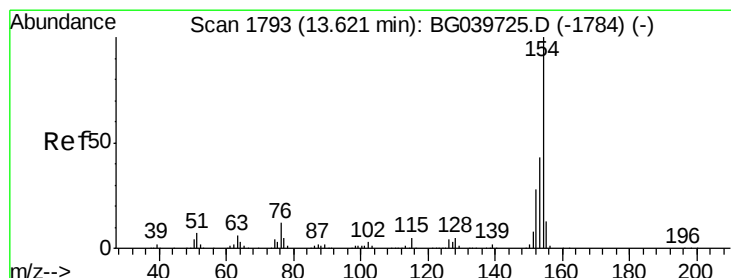
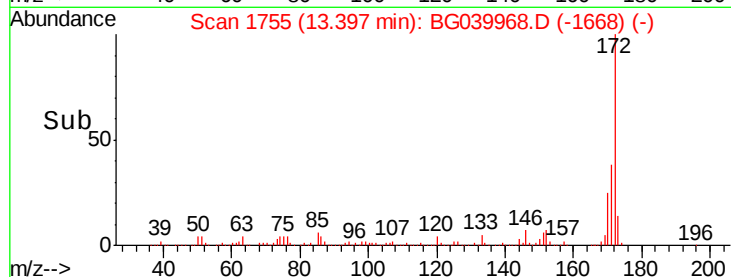
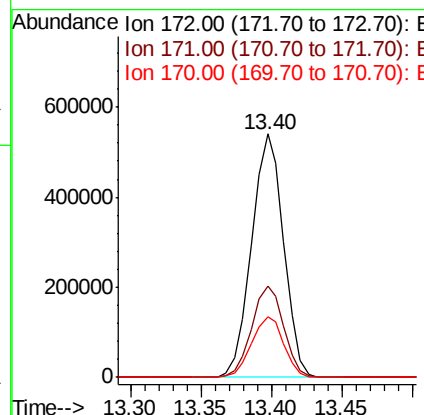
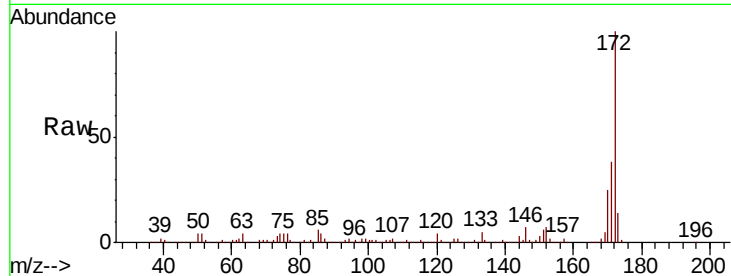
#45
2-Fluorobiphenyl
Concen: 87.401 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.1	20.2	30.4

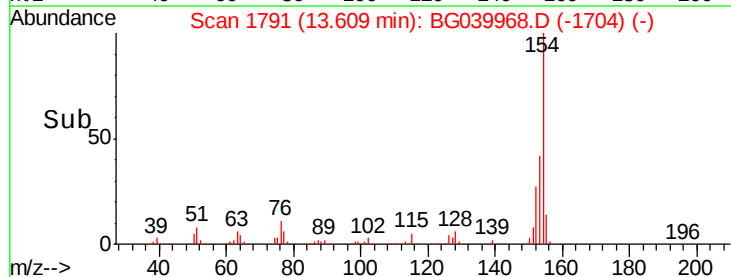
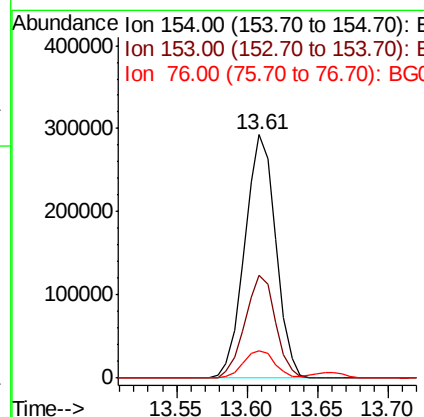
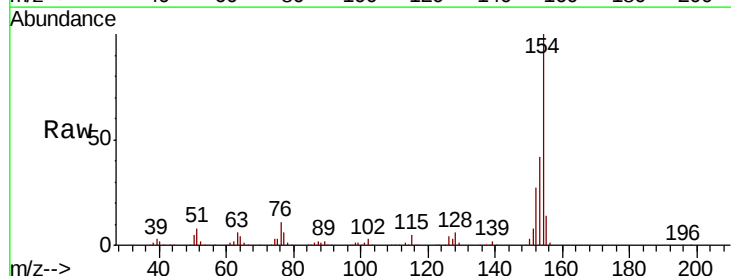
Manual Integrations
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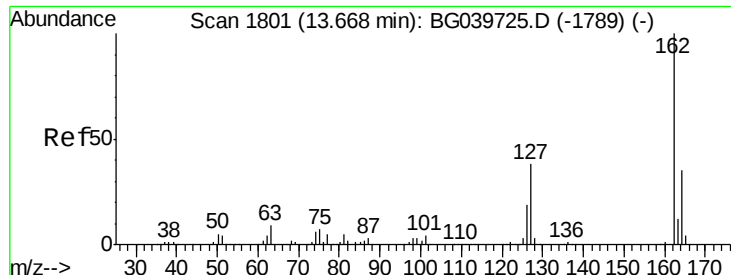
Sohil
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#46
1,1'-Biphenyl
Concen: 39.251 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	11.0	0.0	32.4





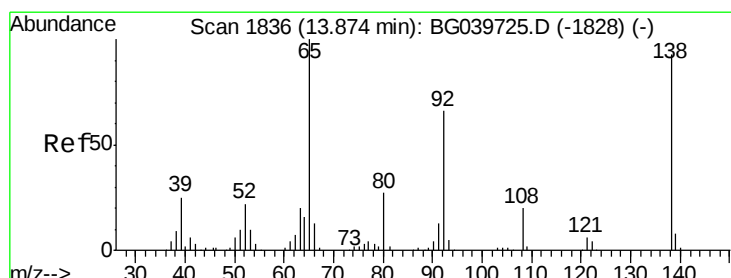
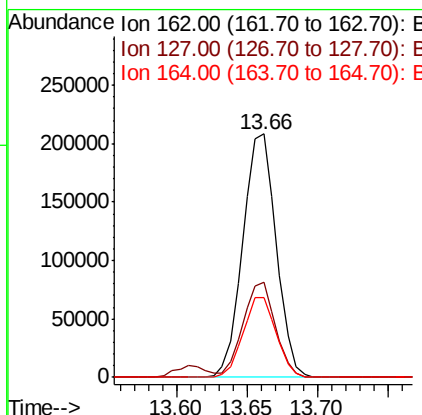
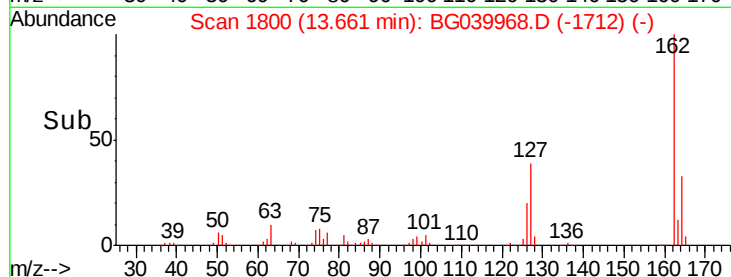
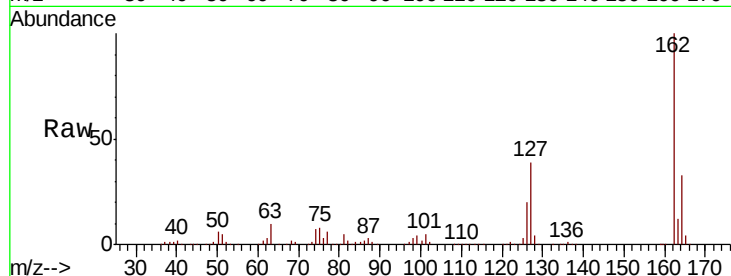
#47
 2-Chloronaphthalene
 Concen: 40.047 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.0	46.6
164	32.9	25.7	38.5

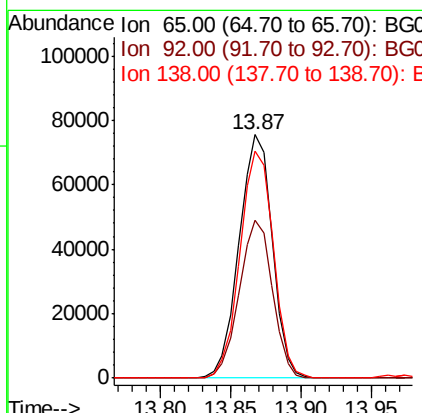
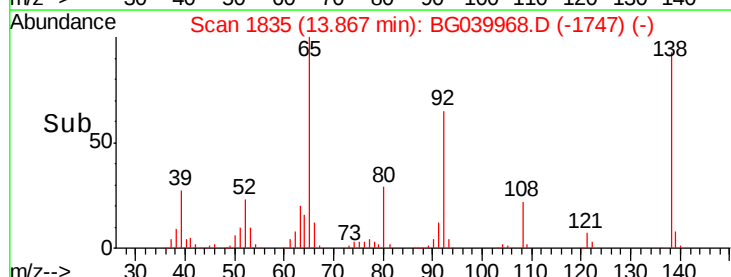
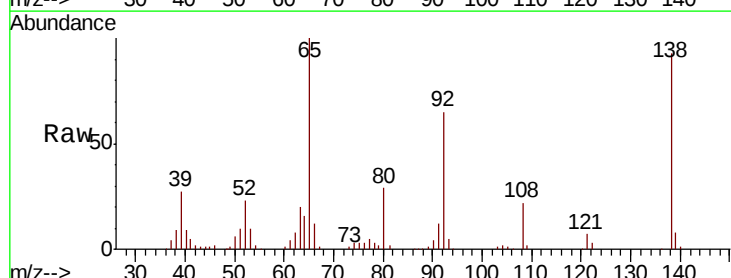
Manual Integrations
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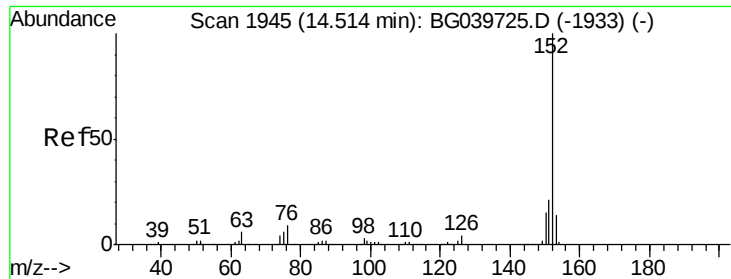
Sohil
 3/18/2019 3:02:54 PM



#48
 2-Nitroaniline
 Concen: 44.926 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.1	51.4	77.2
138	93.4	71.4	107.2





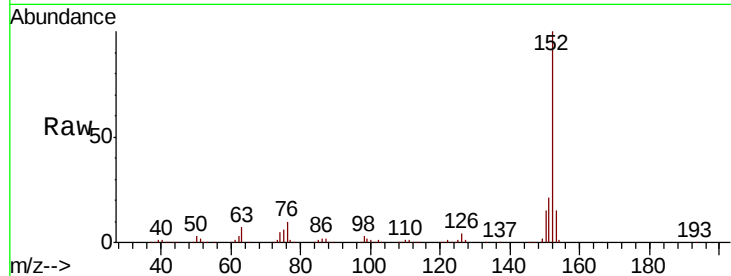
#49
Acenaphthylene
Concen: 39.352 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	14.5	11.7	17.5

Manual Integrations
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Sohil
3/18/2019 3:02:54 PM

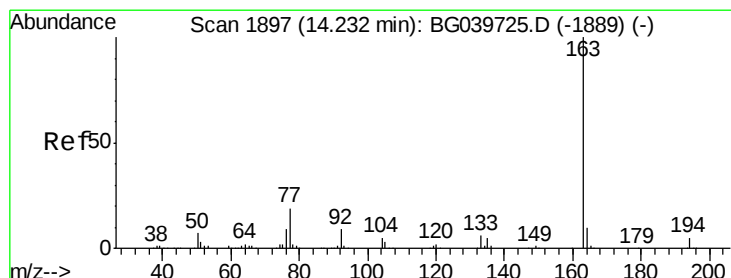
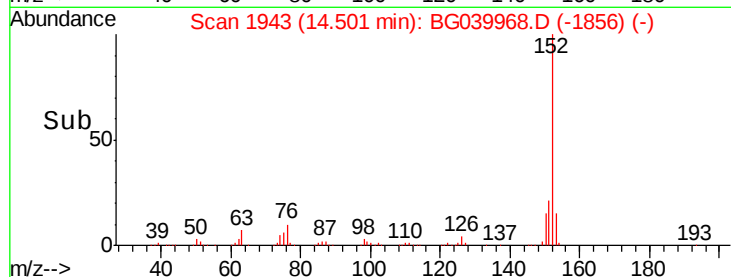
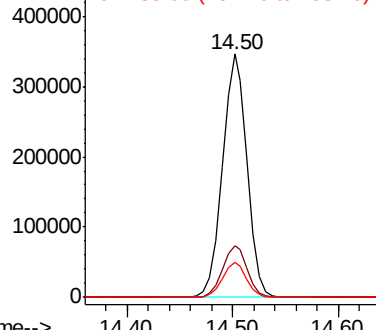


Abundance

Ion 152.00 (151.70 to 152.70): E

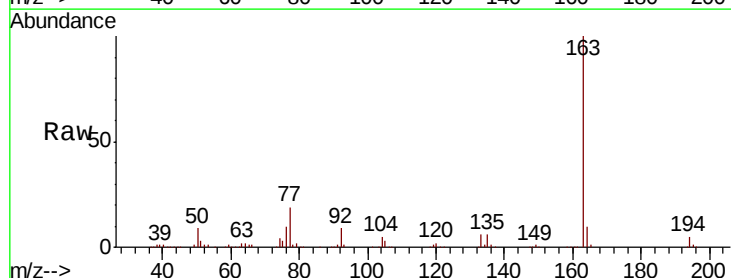
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 40.332 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.1	8.4	12.6

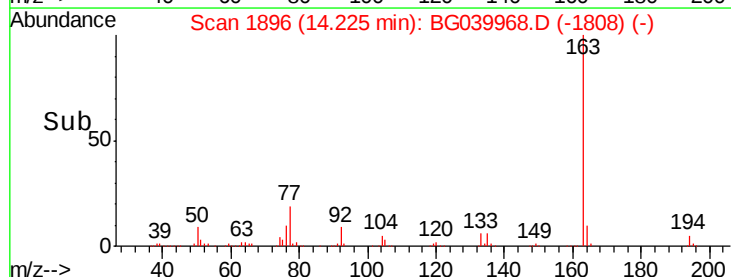
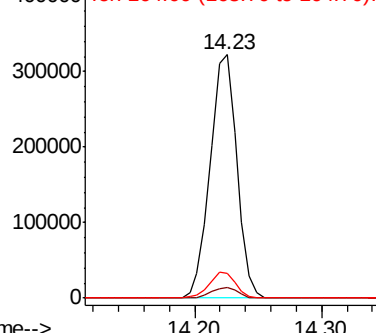


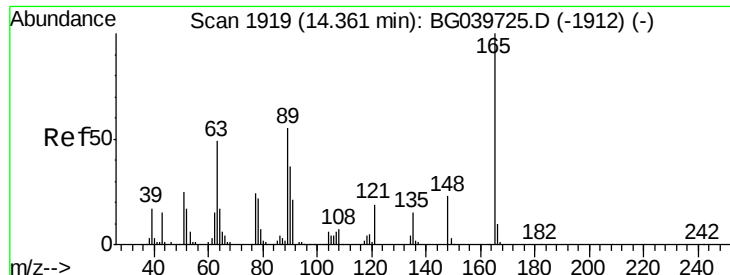
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





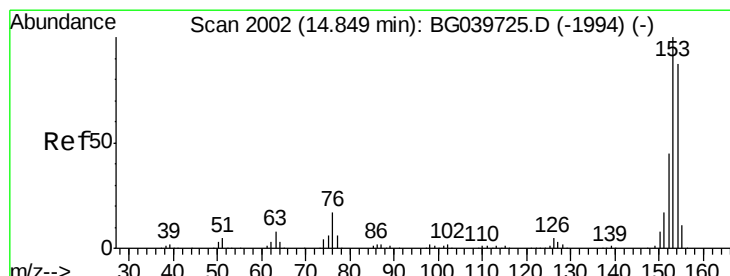
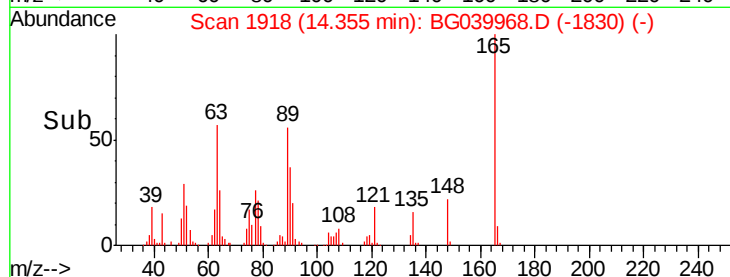
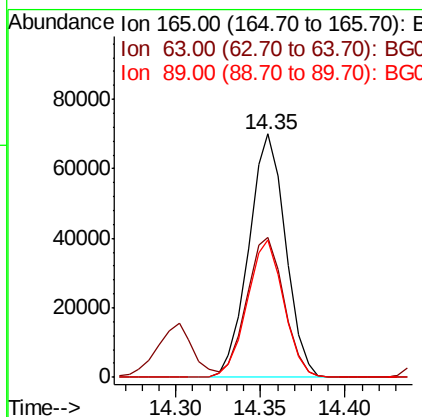
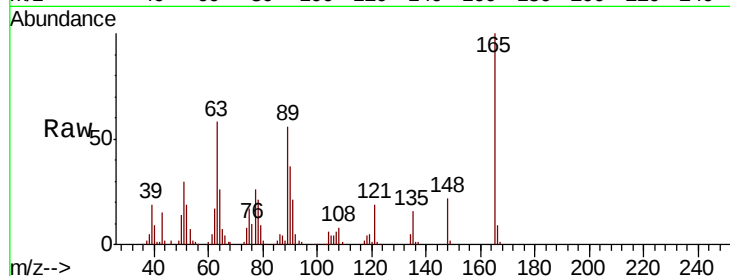
#51
2,6-Dinitrotoluene
Concen: 42.818 ng
RT: 14.35 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.7	47.0	70.6
89	56.3	45.8	68.8

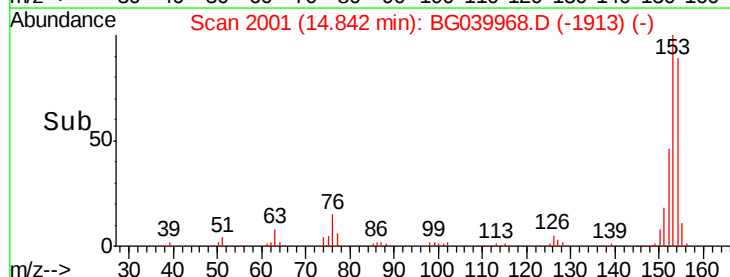
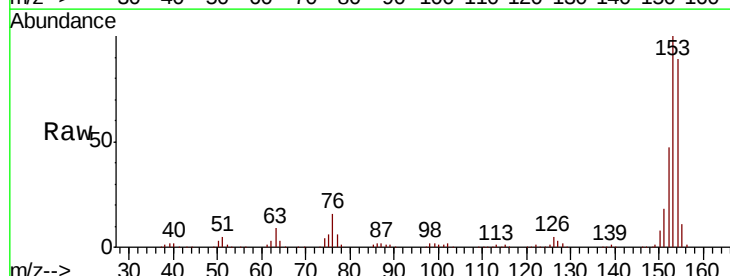
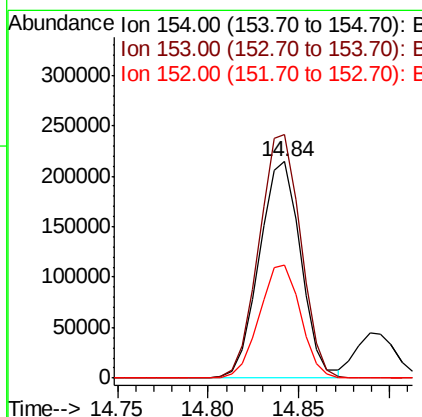
Manual Integrations
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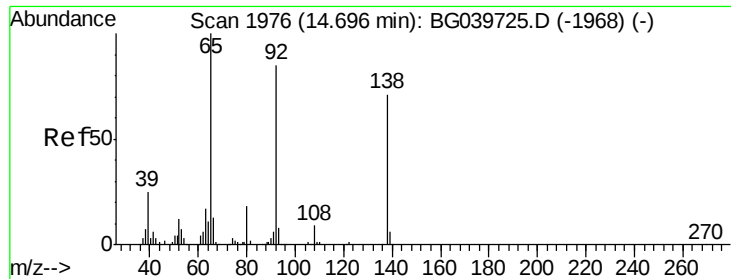
Sohil
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#52
Acenaphthene
Concen: 40.127 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.1	135.1
152	52.4	40.9	61.3





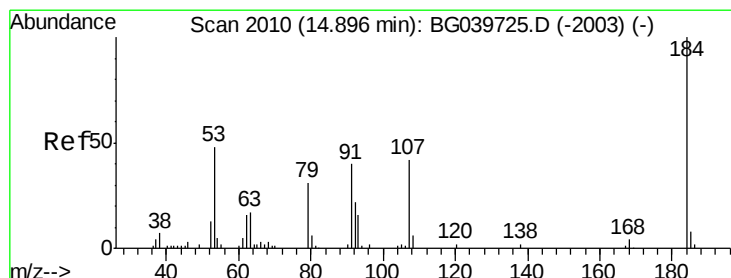
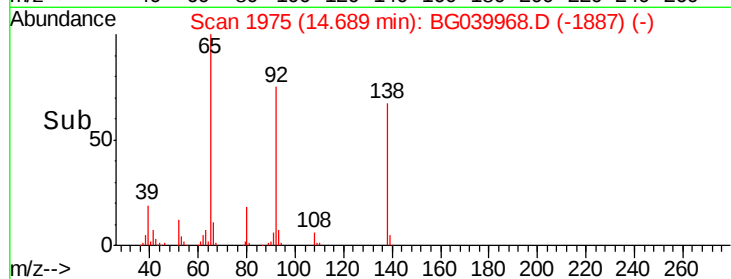
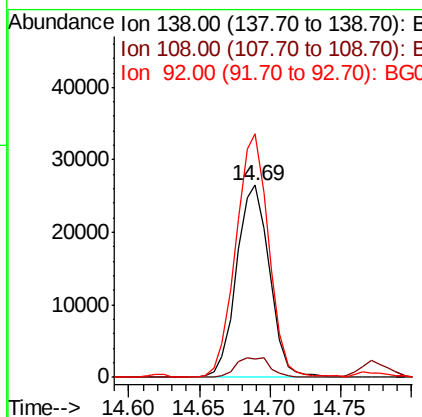
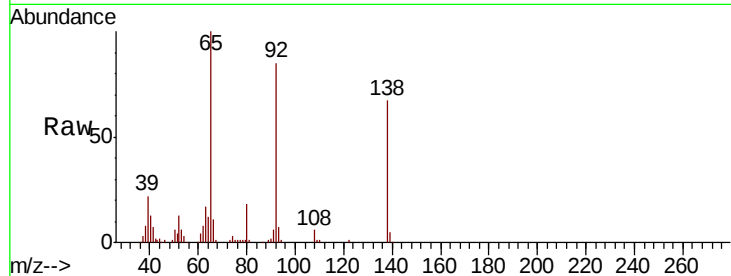
#53
3-Nitroaniline
Concen: 17.390 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	13.8	20.8#
92	126.6	103.7	155.5

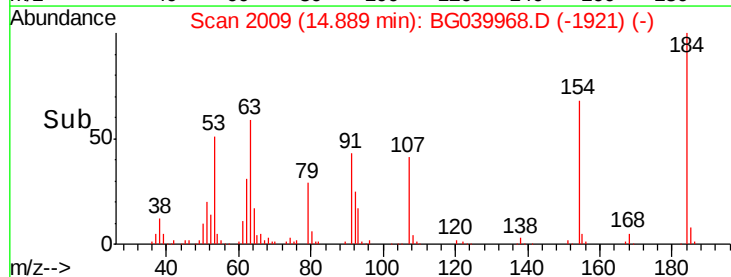
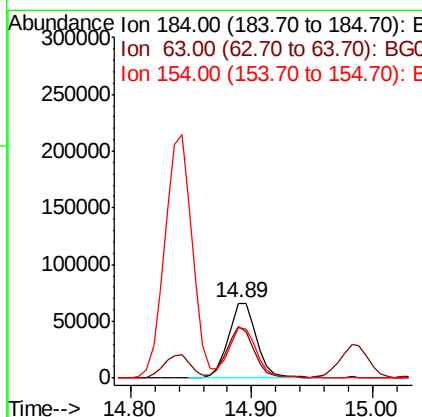
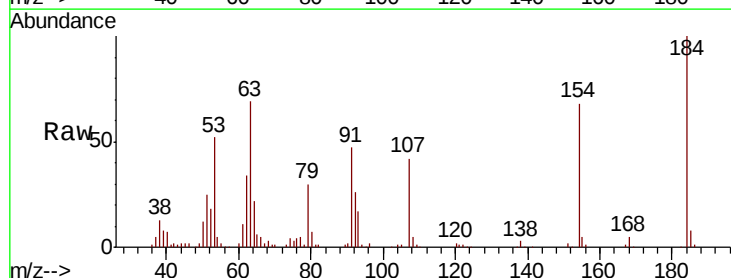
Manual Integrations
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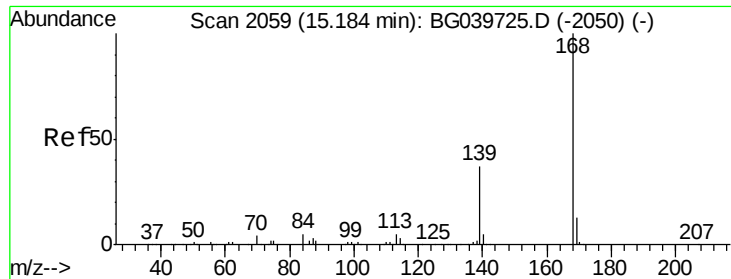
Sohil
3/18/2019 3:02:54 PM



#54
2,4-Dinitrophenol
Concen: 70.879 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.8	50.9	76.3
154	68.1	53.0	79.6





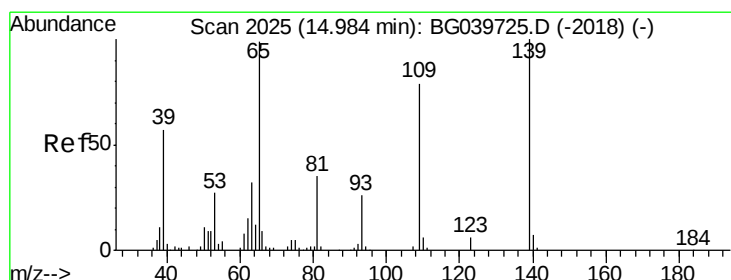
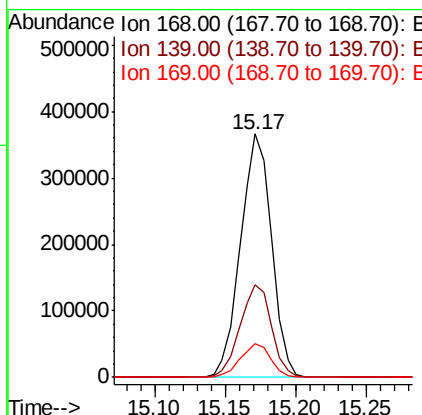
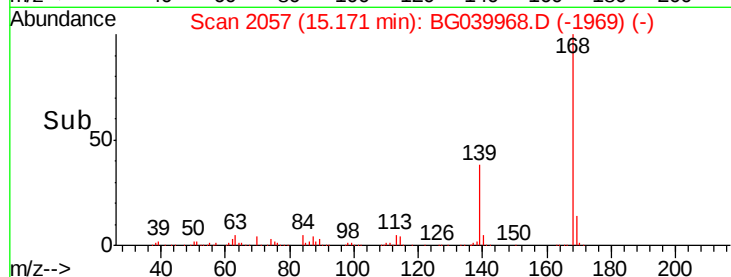
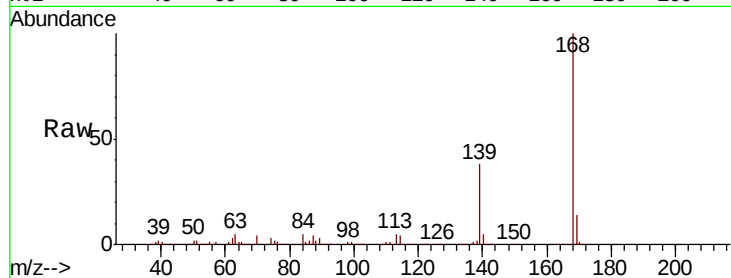
#55
Dibenzenofuran
Concen: 40.219 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	562249		
139	38.2		30.1	45.1
169	14.1		10.6	16.0

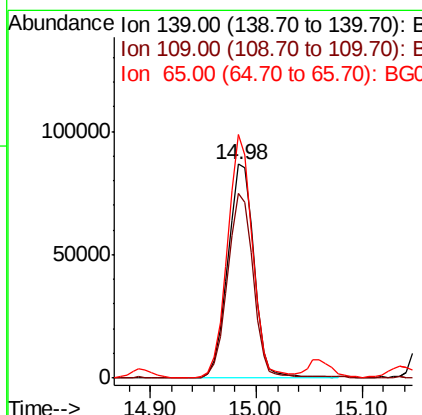
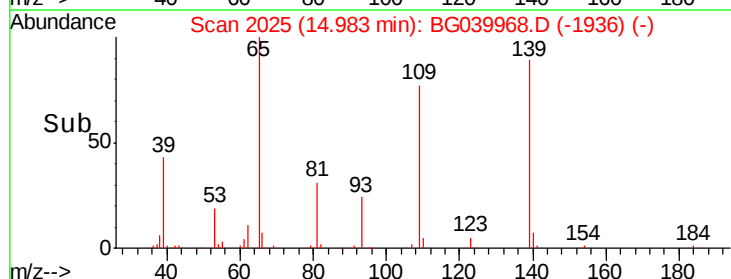
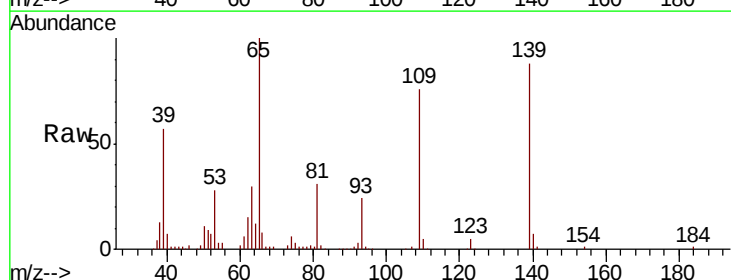
Manual Integrations
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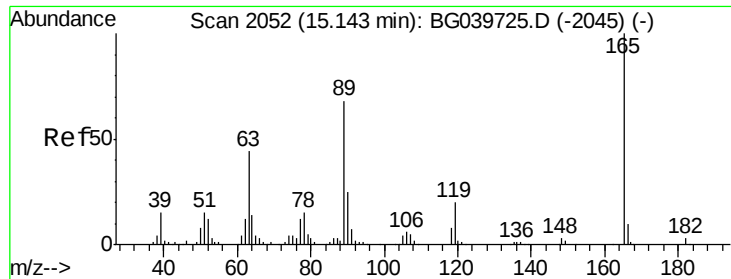
Sohil
3/18/2019 3:02:54 PM



#56
4-Nitrophenol
Concen: 67.072 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	149011		
109	86.1		61.9	101.9
65	113.8		99.1	139.1





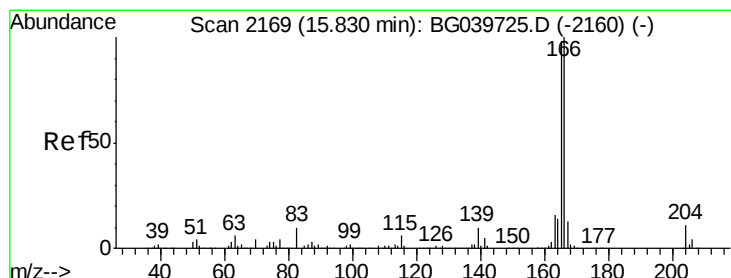
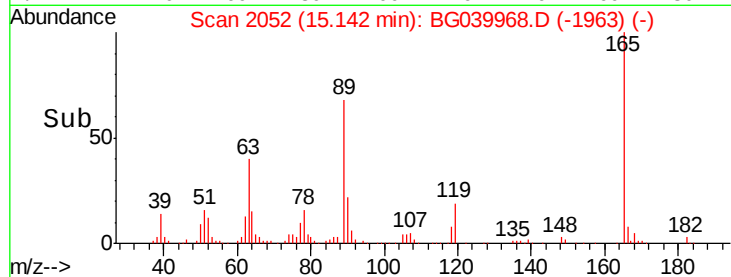
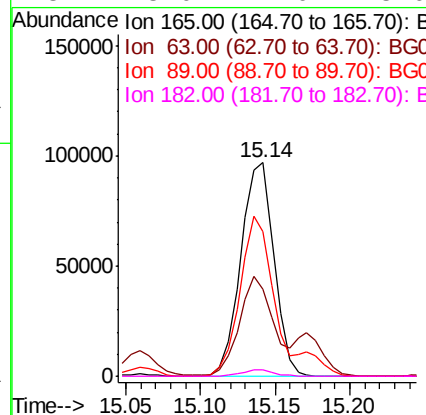
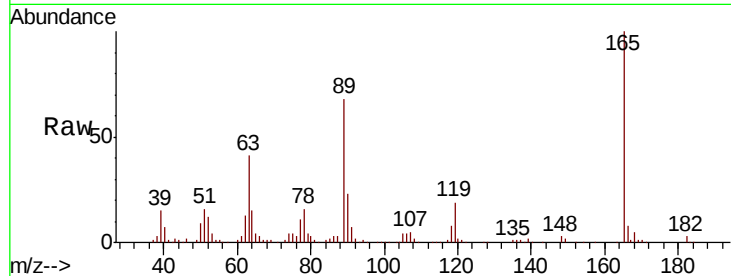
#57
 2,4-Dinitrotoluene
 Concen: 43.078 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.6	41.0	61.6#	
89	67.8	64.6	96.8	
182	3.0	2.0	3.0#	

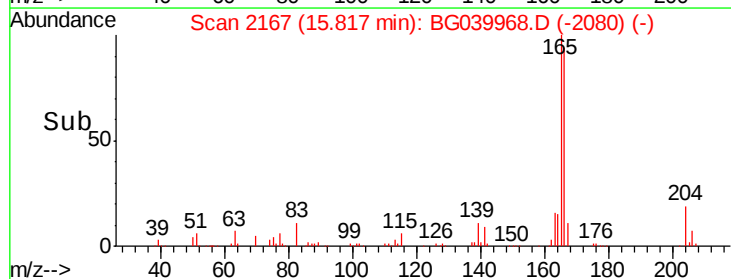
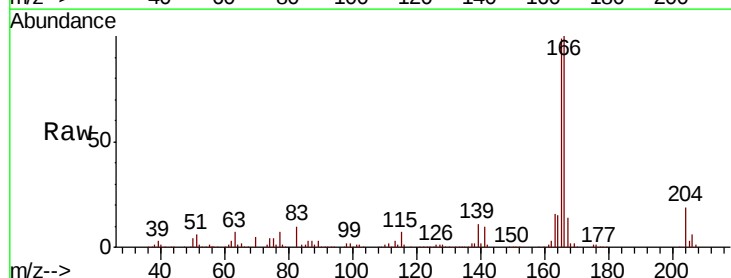
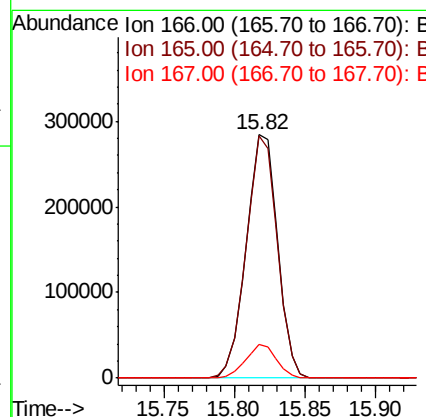
Manual Integrations
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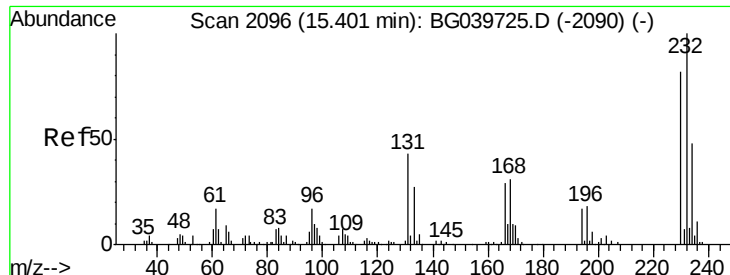
Sohil
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#58
 Fluorene
 Concen: 40.247 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.3	77.9	116.9	
167	13.6	10.8	16.2	





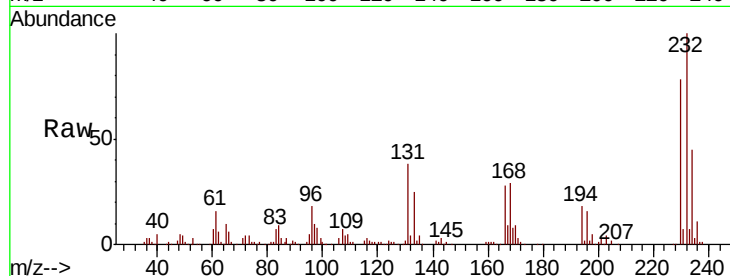
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.299 ng
 RT: 15.39 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion:	232	Resp:	140886
Ion Ratio	Lower	Upper	
232	100		
131	40.8	34.9	52.3
130	2.4	2.0	3.0
166	28.8	24.1	36.1

Manual Integrations
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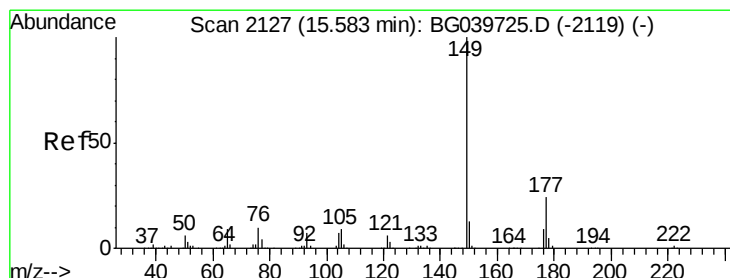
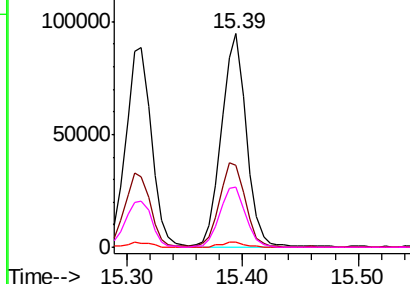
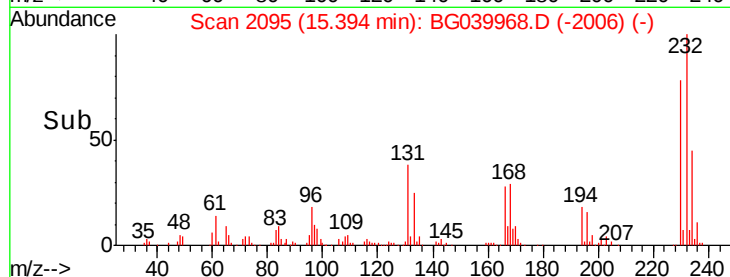
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

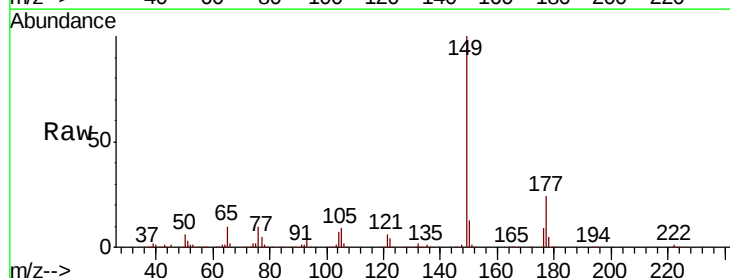
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.387 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion:	149	Resp:	477475
Ion Ratio	Lower	Upper	
149	100		
177	23.5	18.3	27.5
150	12.9	10.2	15.2

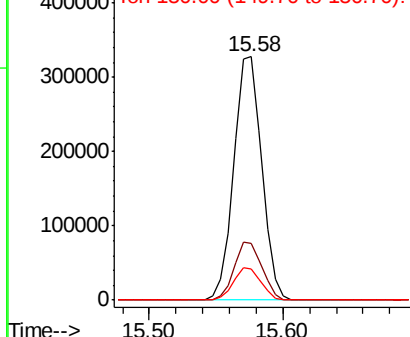
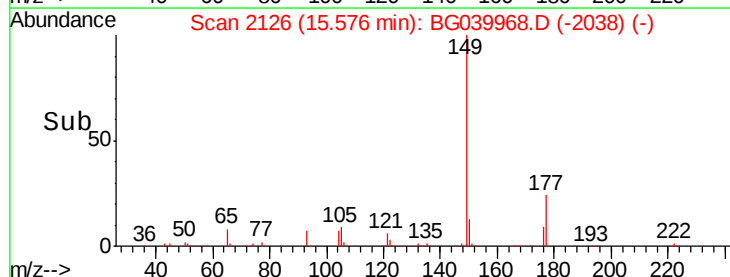


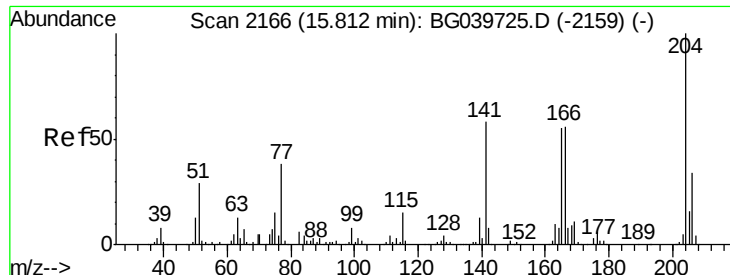
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





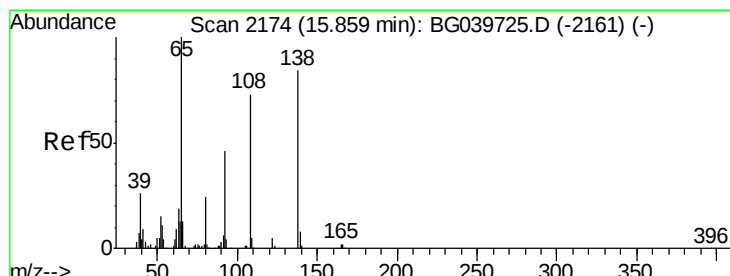
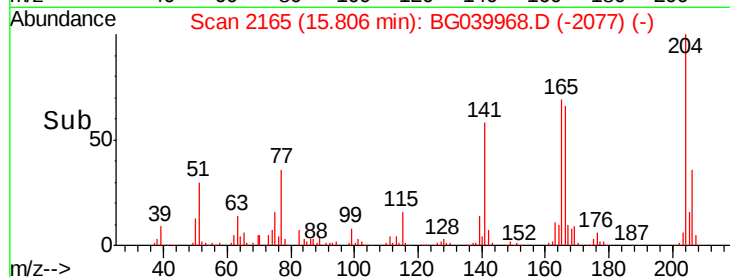
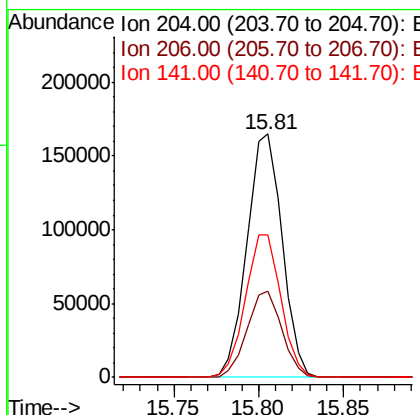
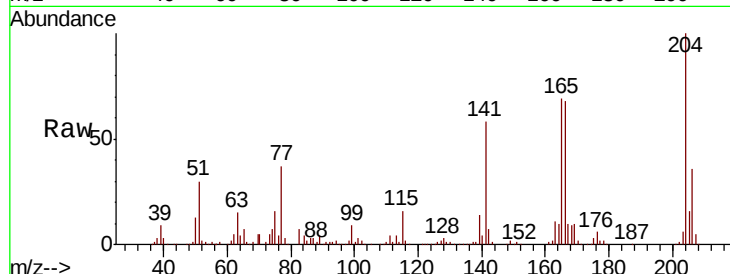
#61
4-Chlorophenyl-phenylether
Concen: 40.876 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	29.2	43.8
141	58.3	49.0	73.4

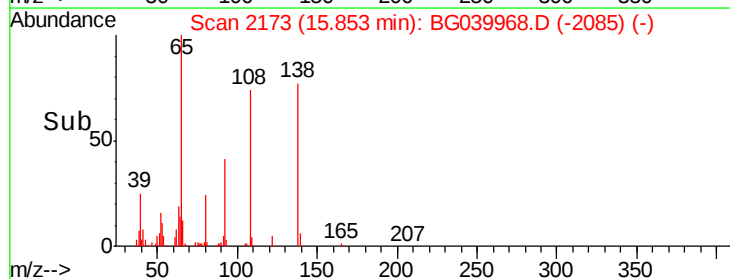
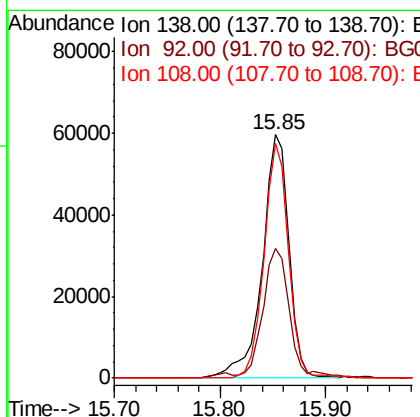
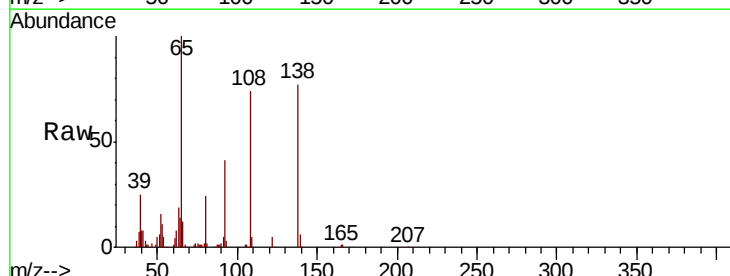
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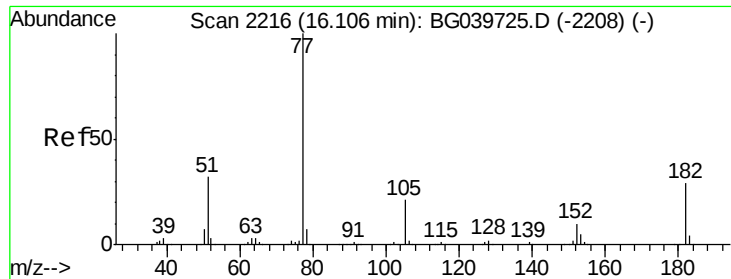
Sohil
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#62
4-Nitroaniline
Concen: 38.911 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	38.7	78.7
108	96.2	74.6	114.6





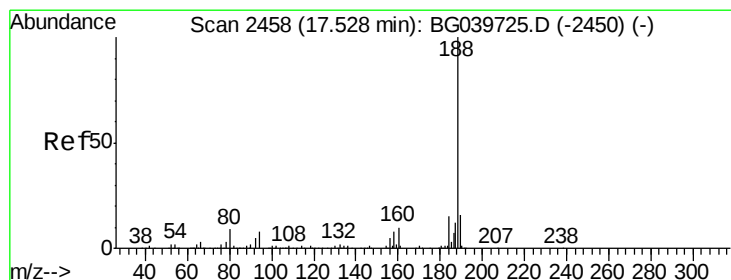
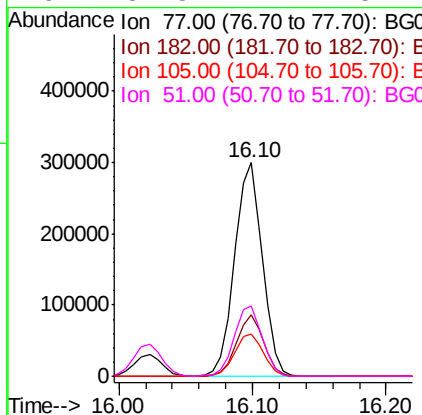
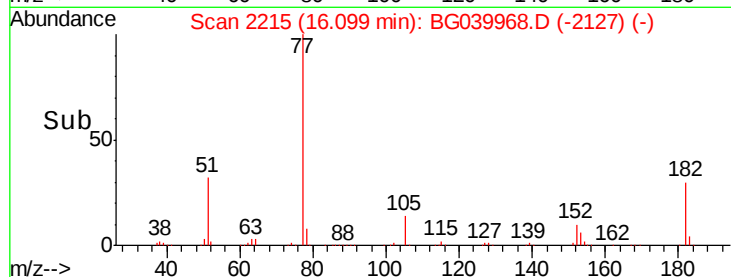
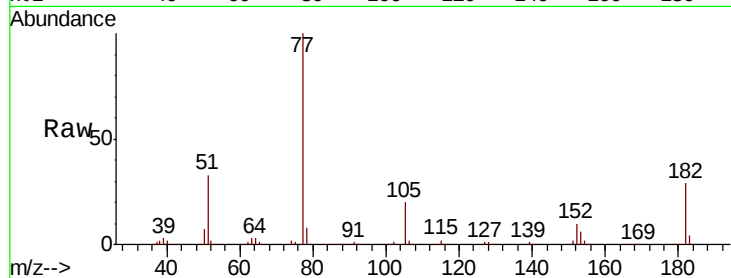
#63
Azobenzene
Concen: 41.484 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.6	6.4	46.4		
105	19.9	0.0	39.8		
51	32.8	14.1	54.1		

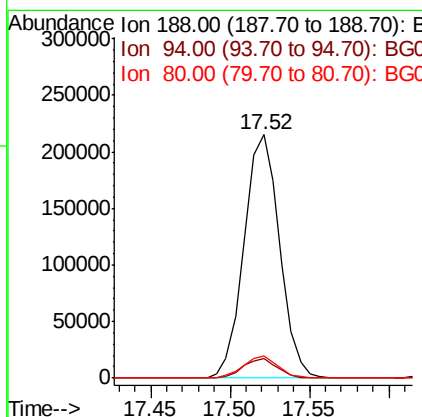
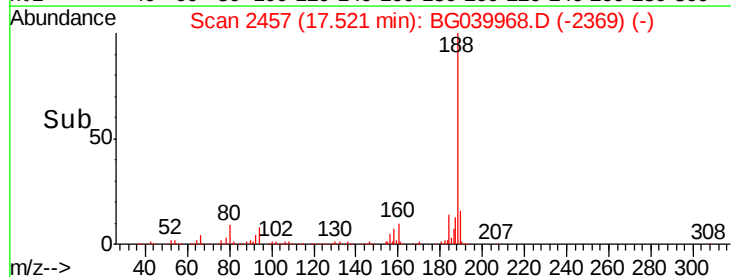
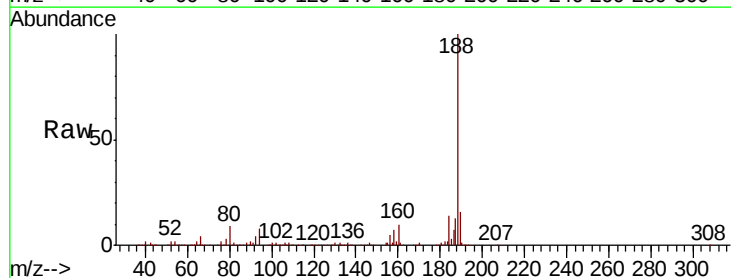
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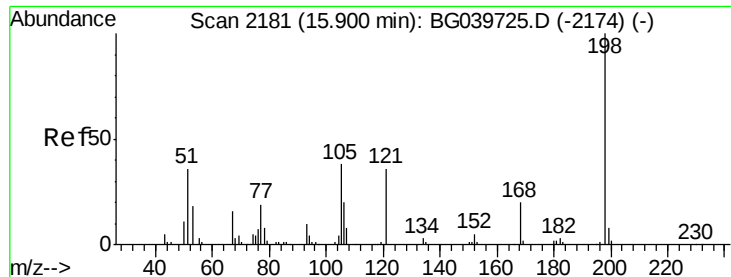
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.3	6.9	10.3		
80	8.9	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 42.984 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

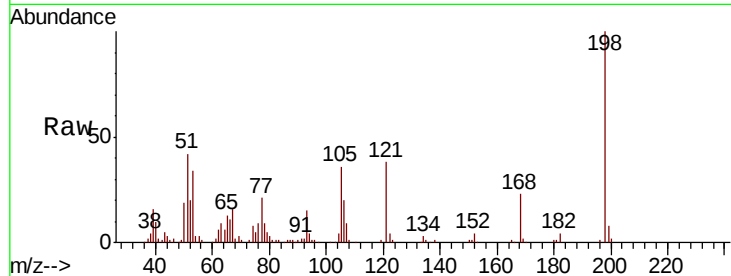
ClientSampleId :

TP-1MSD

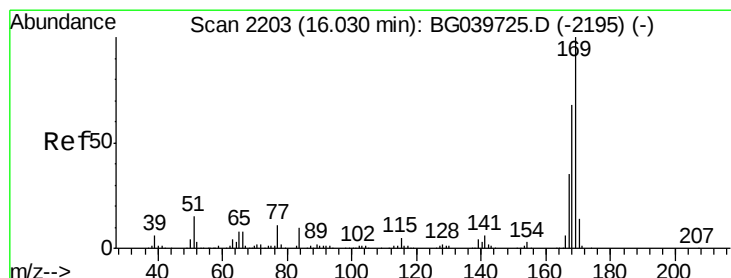
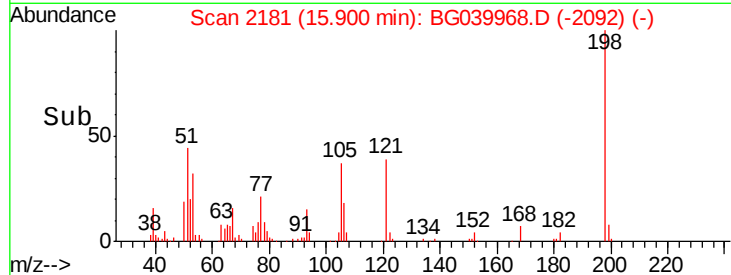
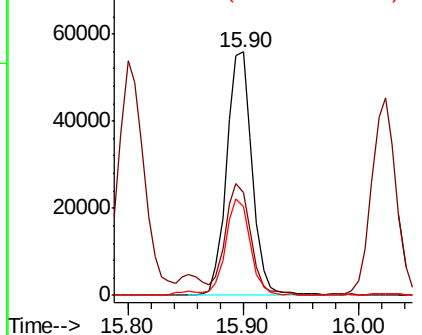
Tot Ion:	198	Resp:	85110
Ion Ratio	Lower	Upper	
198	100		
51	42.3	27.4	67.4
105	36.4	19.7	59.7

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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: 42.668 ng

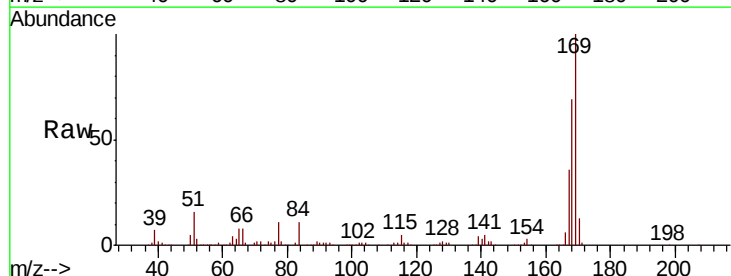
RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

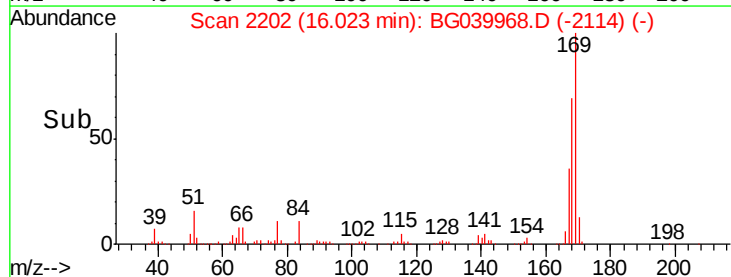
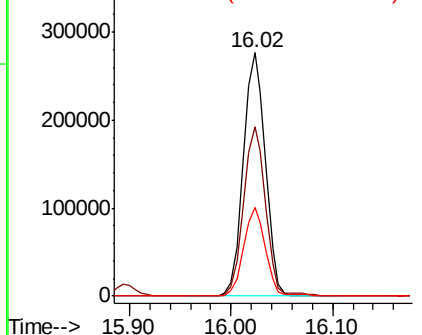
Lab File: BG039968.D

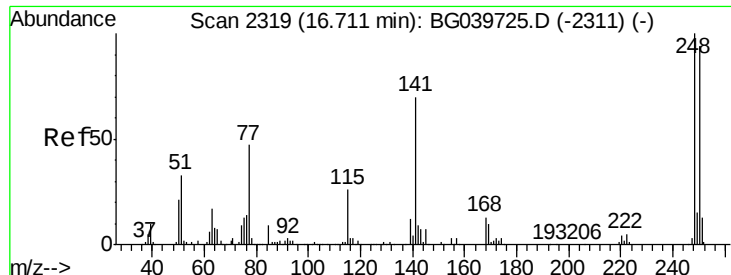
Acq: 16 Mar 2019 9:09

Tgt Ion:	169	Resp:	413660
Ion Ratio	Lower	Upper	
169	100		
168	69.3	56.6	85.0
167	36.3	28.8	43.2



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





#67

4-Bromophenyl-phenylether

Concen: 41.752 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

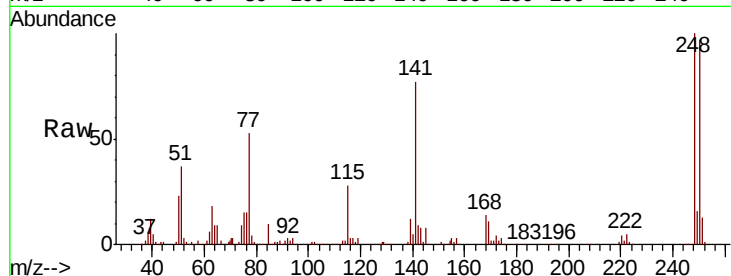
ClientSampled :

TP-1MSD

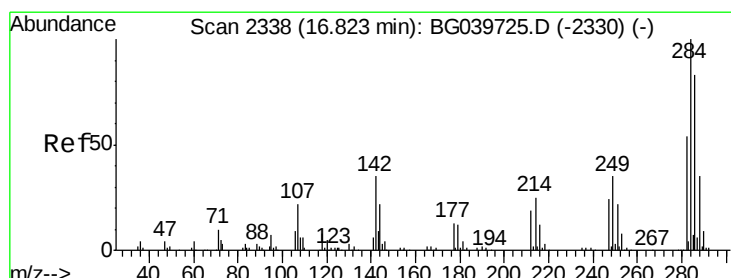
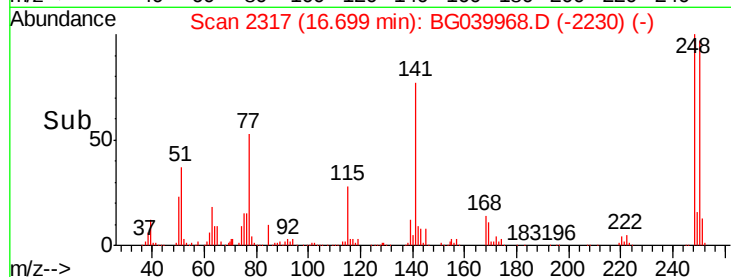
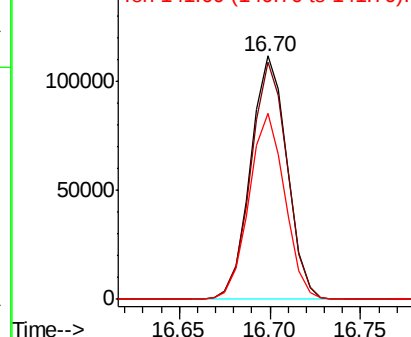
Tot Ion:	248	Resp:	156505
Ion Ratio	Lower	Upper	
248	100		
250	97.3	77.6	116.4
141	76.6	63.9	95.9

Manual Integrations
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.528 ng

RT: 16.82 min Scan# 2337

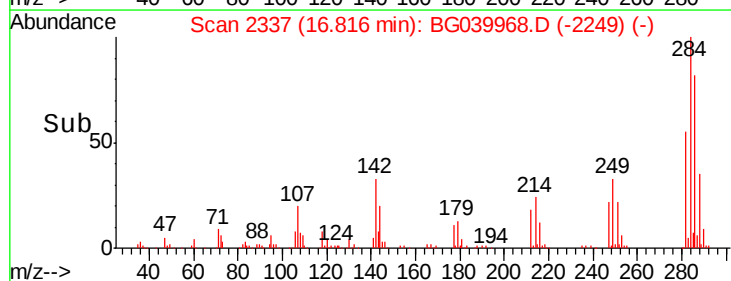
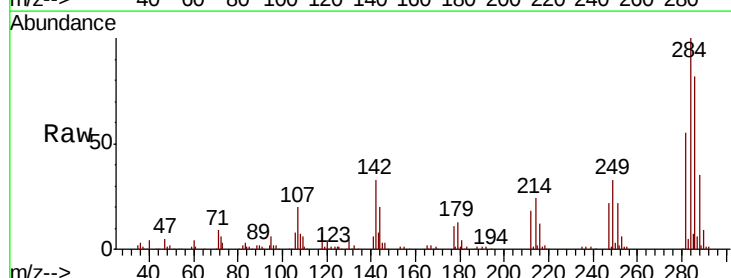
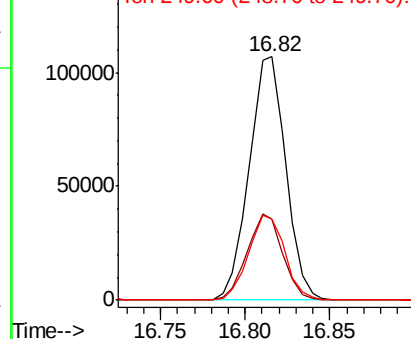
Delta R.T. -0.01 min

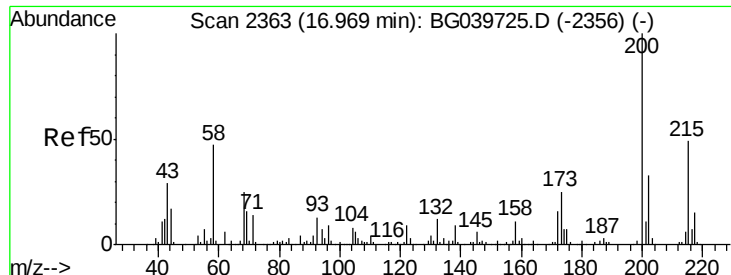
Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion:	284	Resp:	161359
Ion Ratio	Lower	Upper	
284	100		
142	33.3	30.6	45.8
249	33.2	28.2	42.2

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





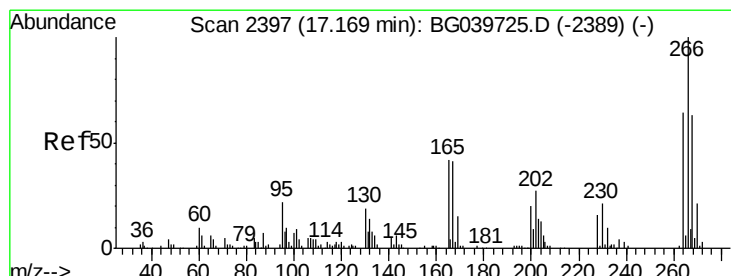
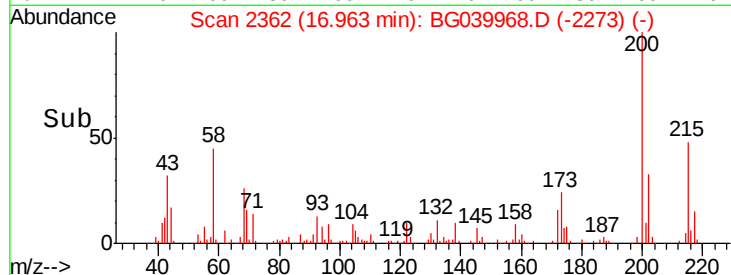
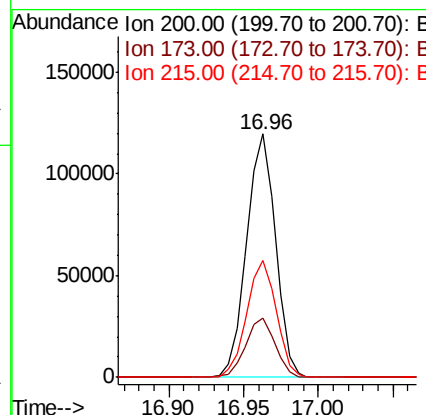
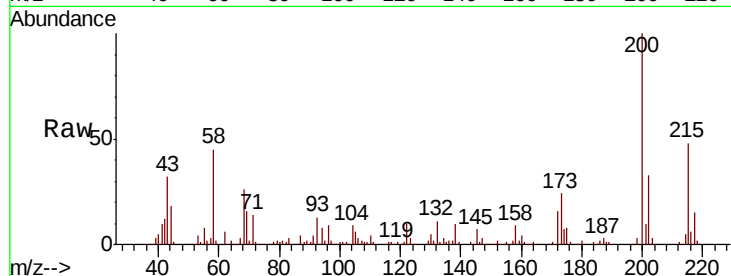
#69
 Atrazine
 Concen: 42.002 ng
 RT: 16.96 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.3	3.9	43.9
215	48.2	30.9	70.9

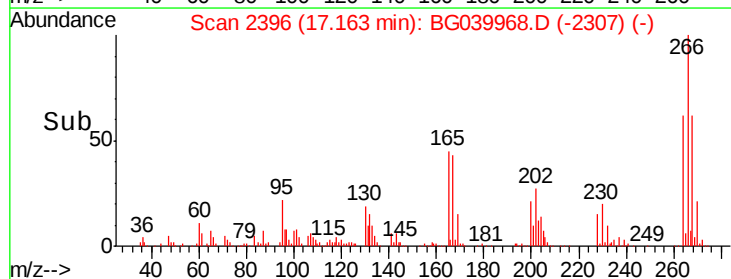
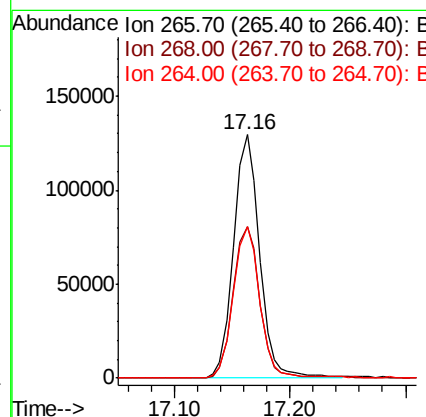
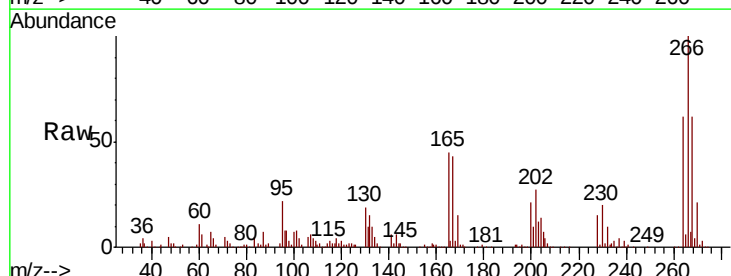
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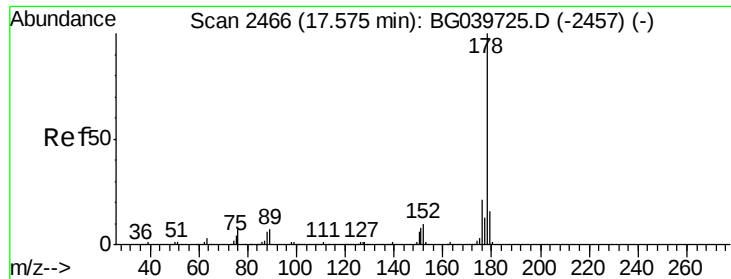
Sohil
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#70
 Pentachlorophenol
 Concen: 82.774 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.5	51.1	76.7
264	62.2	52.1	78.1





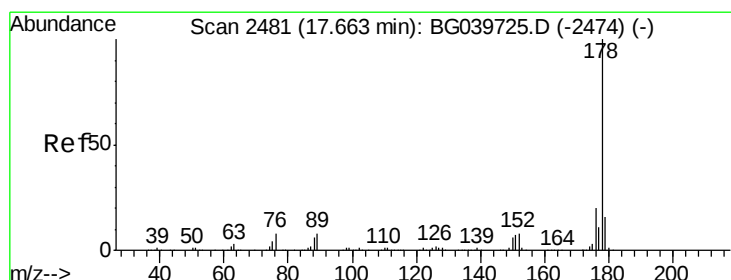
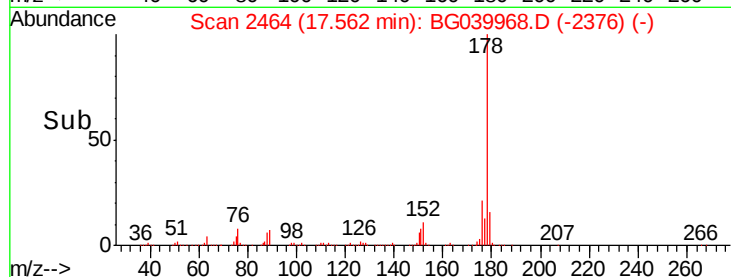
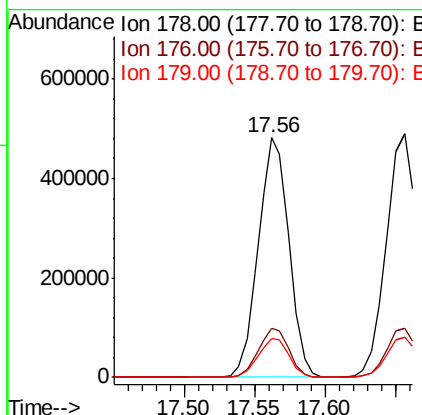
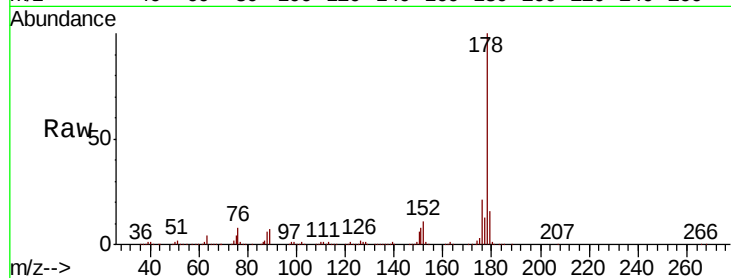
#71
Phenanthrene
Concen: 39.818 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.3	12.6	19.0

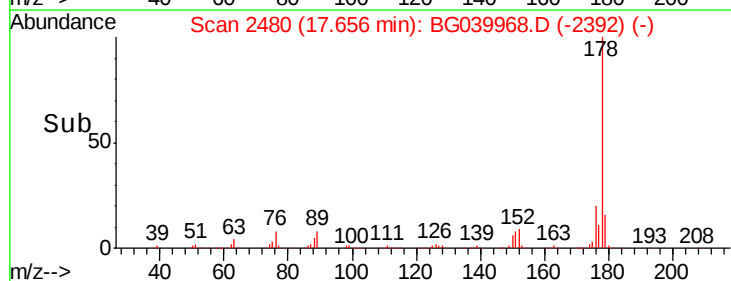
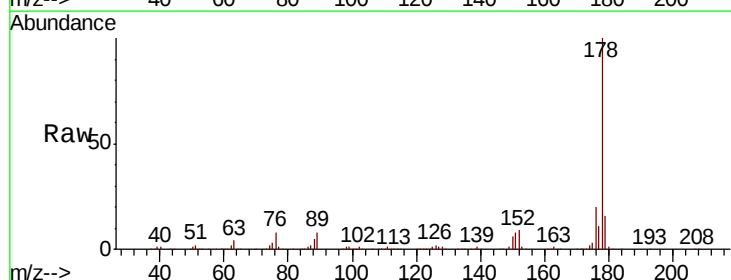
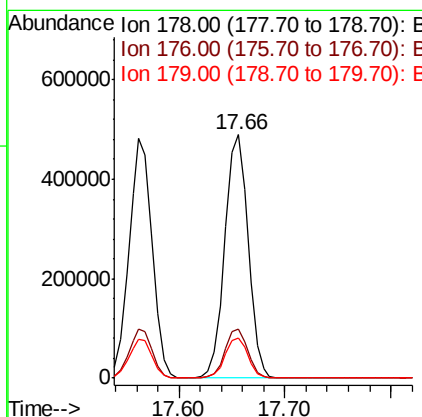
Manual Integrations
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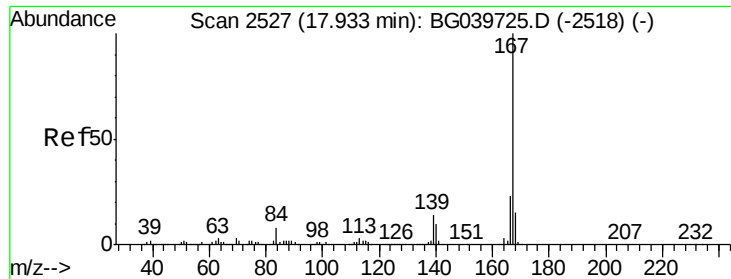
Sohil
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#72
Anthracene
Concen: 41.621 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.3	12.5	18.7





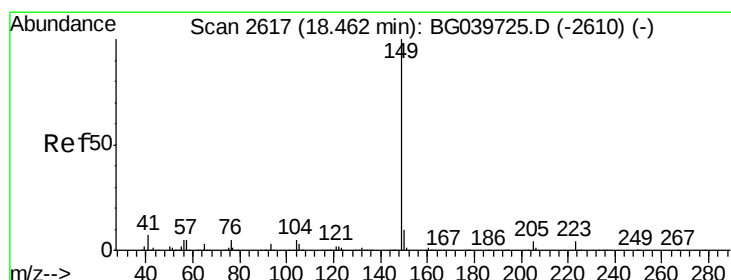
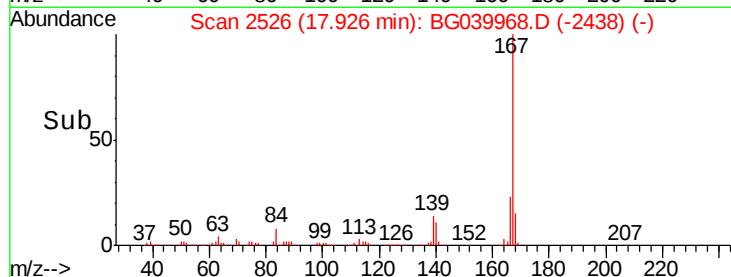
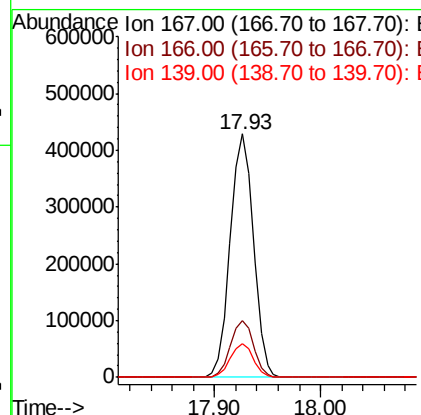
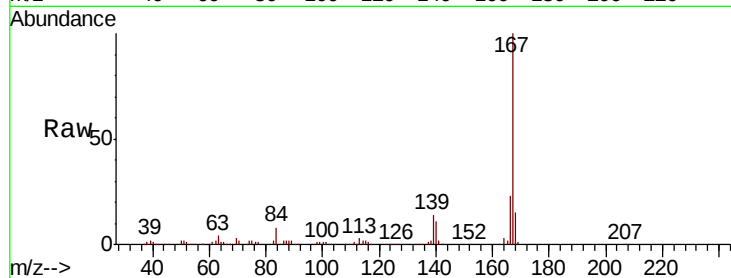
#73
 Carbazole
 Concen: 40.274 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.4	29.2
139	13.8	10.8	16.2

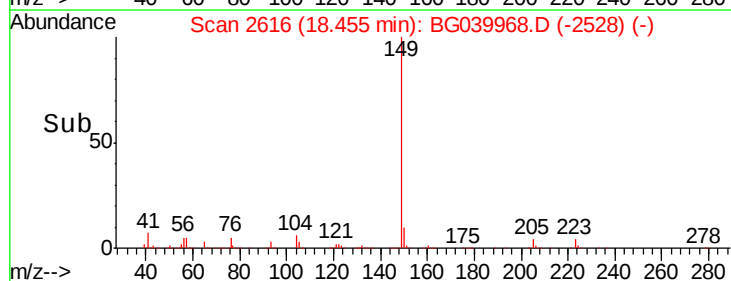
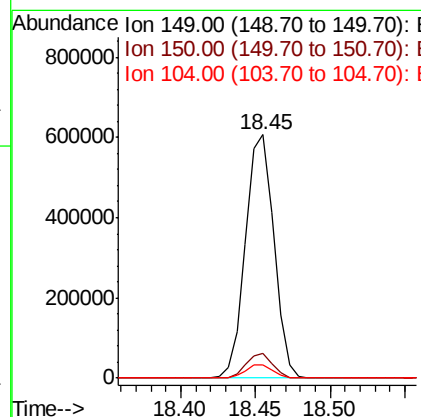
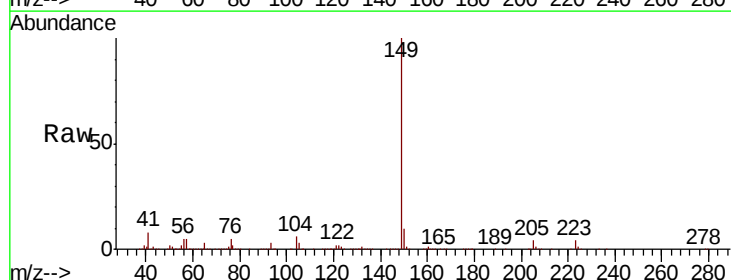
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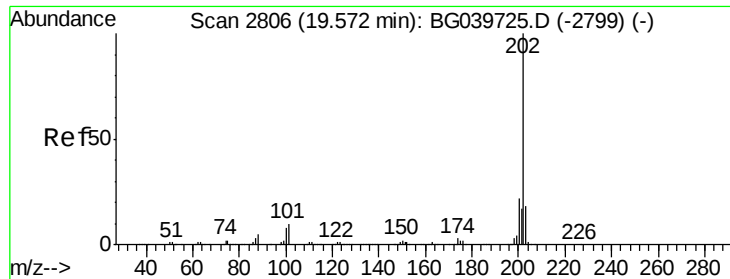
Sohil
 3/18/2019 3:02:54 PM



#74
 Di-n-butylphthalate
 Concen: 41.928 ng
 RT: 18.45 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 39.583 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

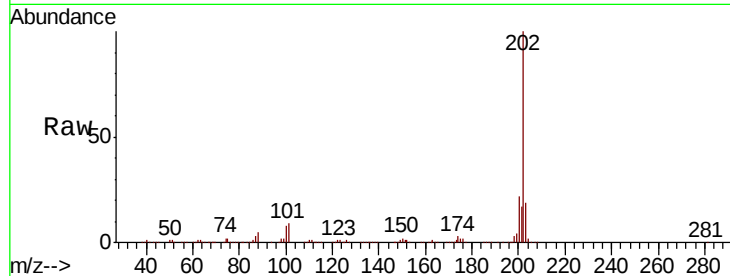
ClientSampleId :

TP-1MSD

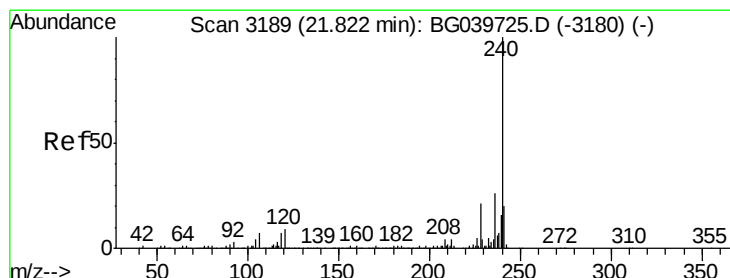
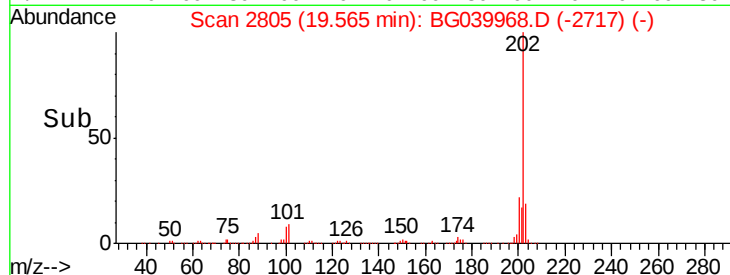
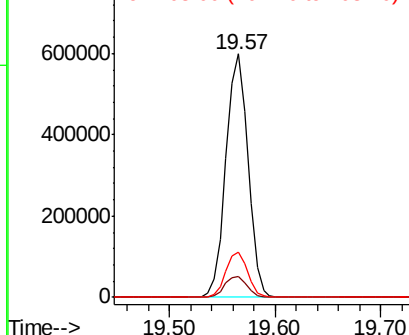
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		862890		
101	8.8	0.0	30.0		
203	18.6	0.0	38.9		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

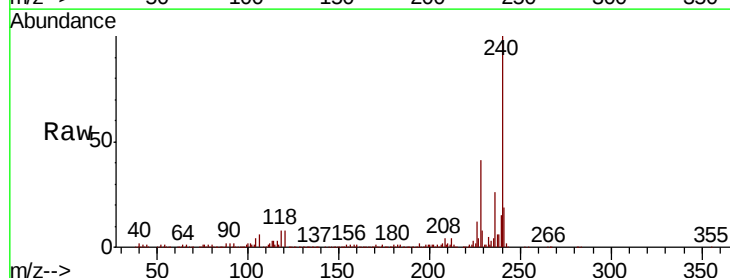
RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

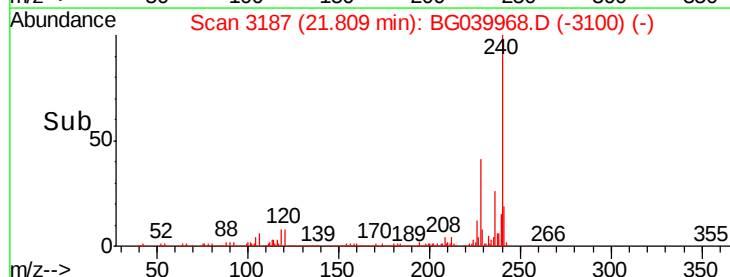
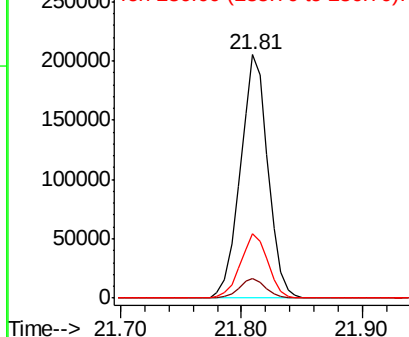
Lab File: BG039968.D

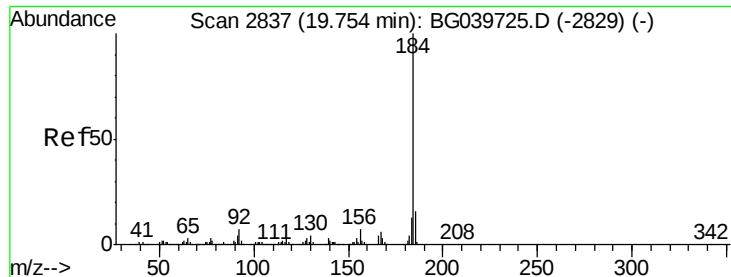
Acq: 16 Mar 2019 9:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		324721		
120	8.1	7.0	10.6		
236	26.4	21.0	31.4		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.310 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

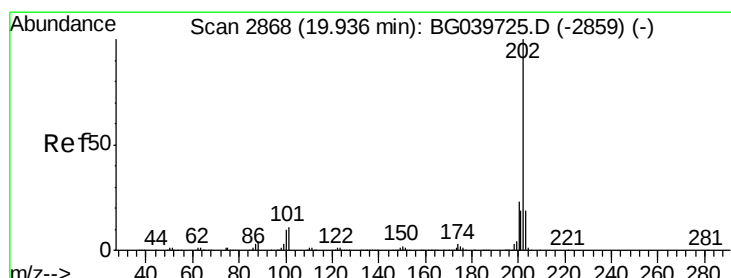
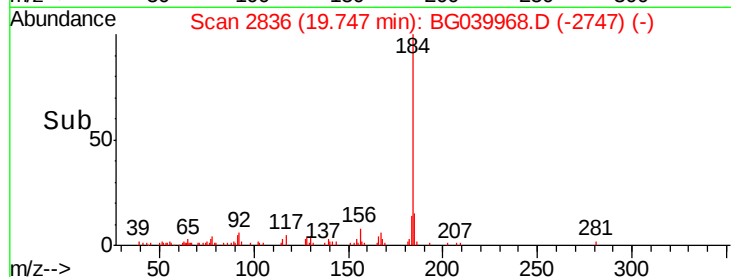
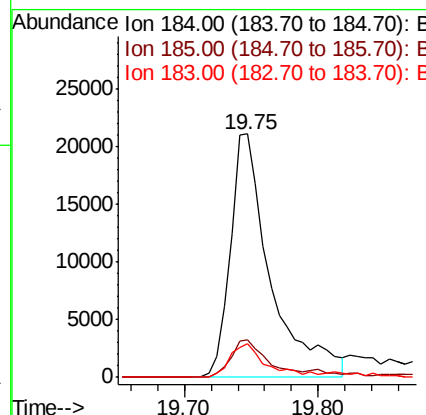
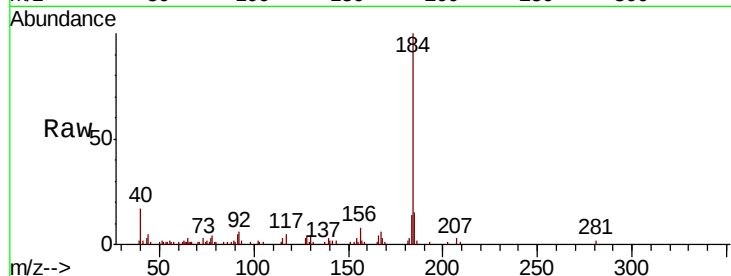
ClientSampleId :

TP-1MSD

Tot Ion:	184	Resp:	44414
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.2
183	13.9	10.6	15.8

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#78

Pyrene

Concen: 41.476 ng

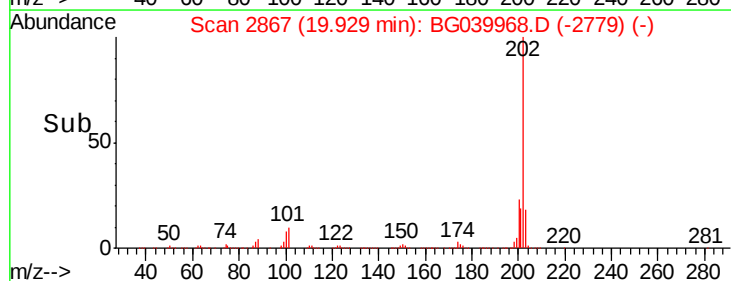
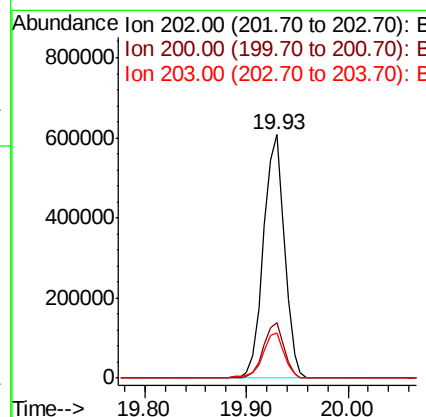
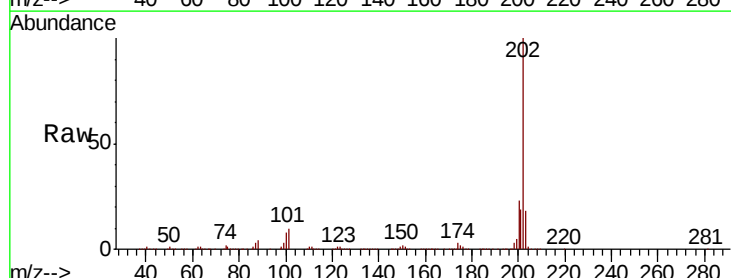
RT: 19.93 min Scan# 2867

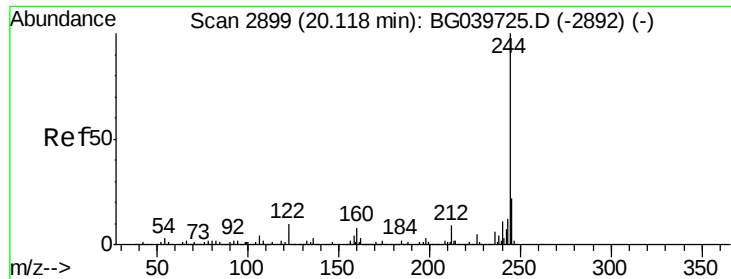
Delta R.T. -0.01 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion:	202	Resp:	875161
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.8	26.8
203	18.4	15.3	22.9





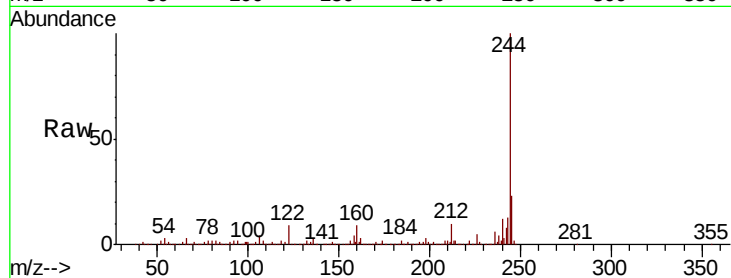
#79
 Terphenyl-d14
 Concen: 89.436 ng
 RT: 20.11 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

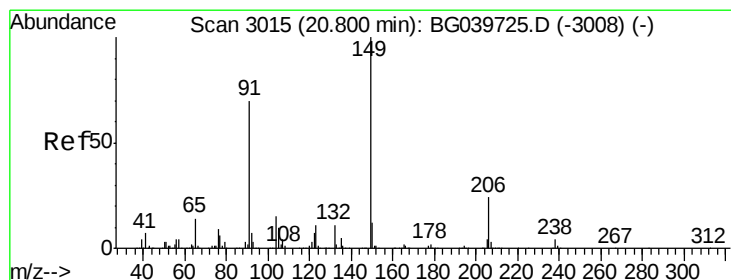
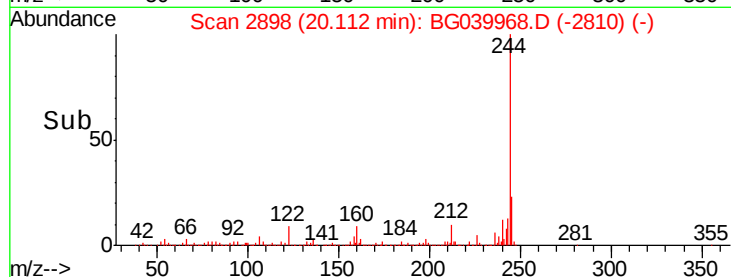
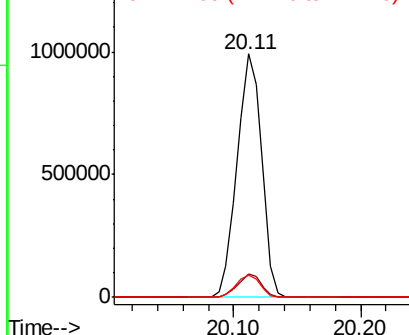
Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	9.1	8.4	12.6

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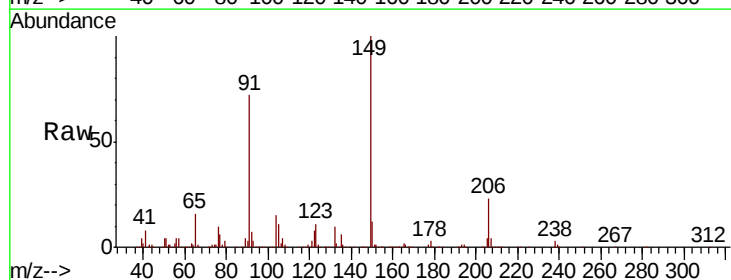


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

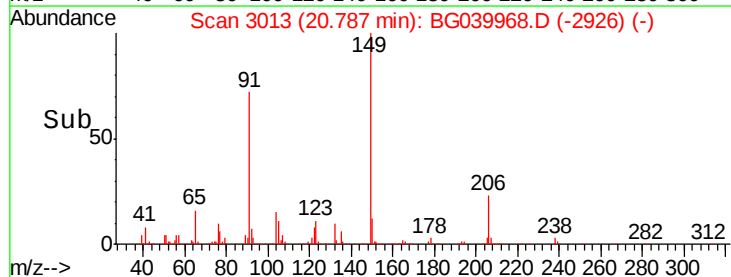
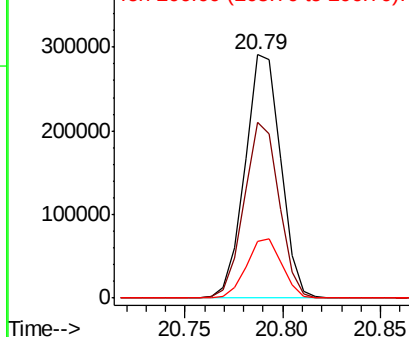


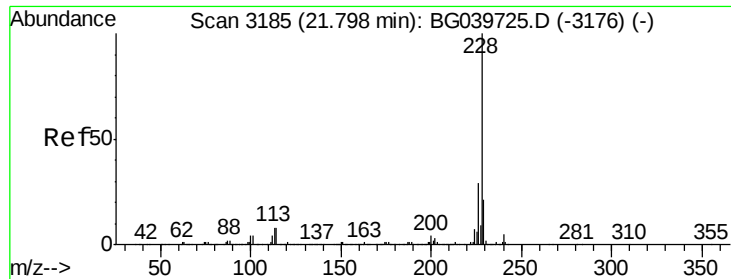
#80
 Butylbenzylphthalate
 Concen: 45.276 ng
 RT: 20.79 min Scan# 3013
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.4	59.5	89.3
206	23.2	18.6	27.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





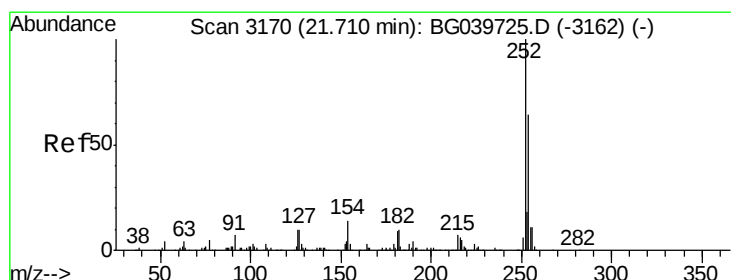
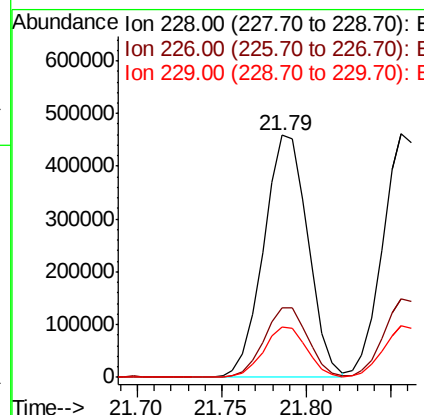
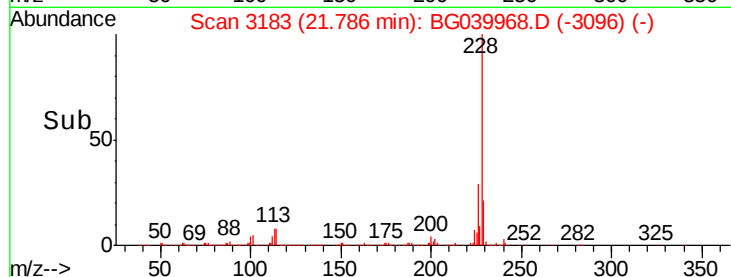
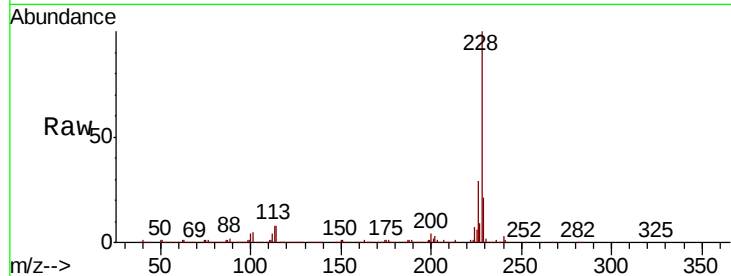
#81
Benzo(a)anthracene
Concen: 40.788 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	21.0	16.9	25.3

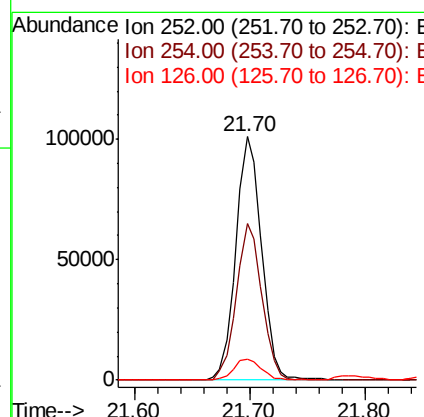
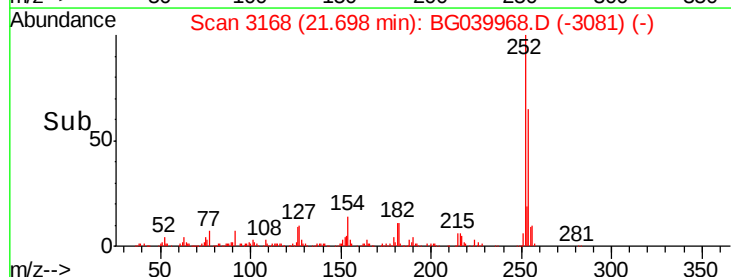
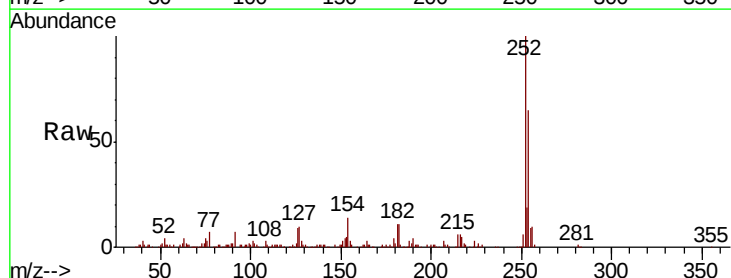
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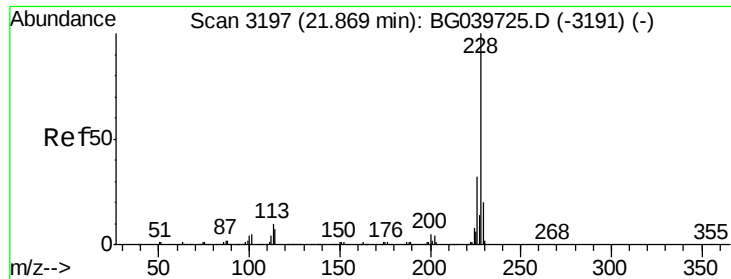
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#82
3,3'-Dichlorobenzidine
Concen: 20.991 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.3	76.9
126	8.7	8.0	12.0





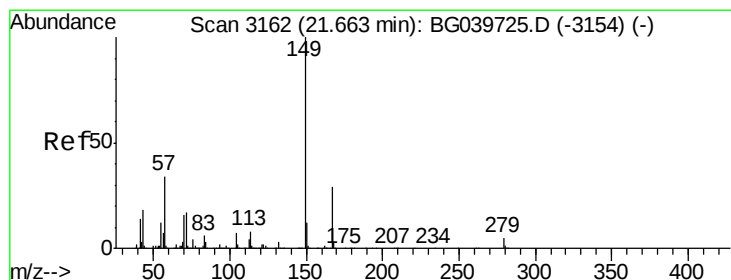
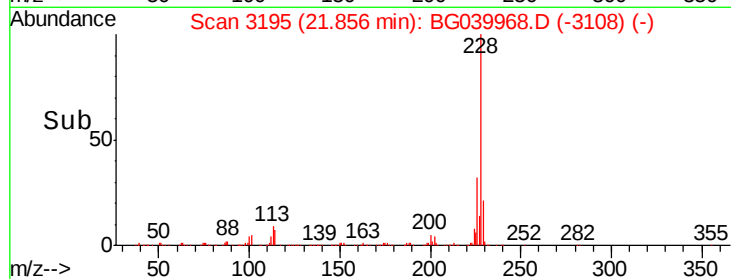
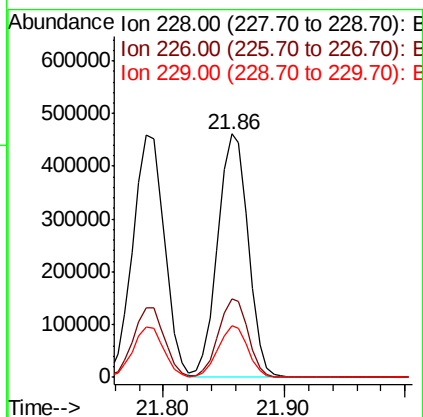
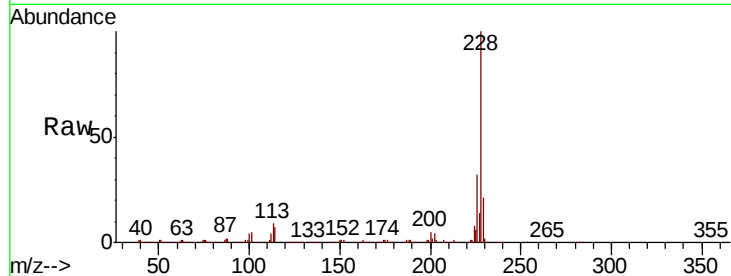
#83
 Chrysene
 Concen: 40.606 ng
 RT: 21.86 min Scan# 3195
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.4	25.8	38.6
229	21.0	16.6	25.0

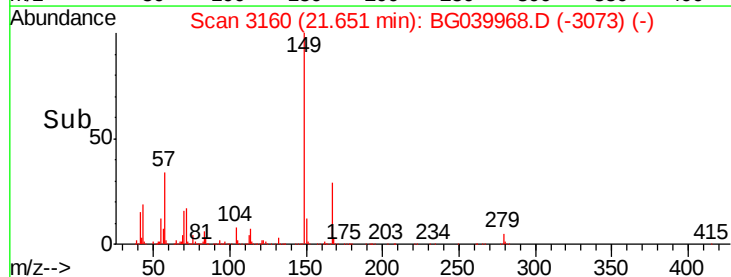
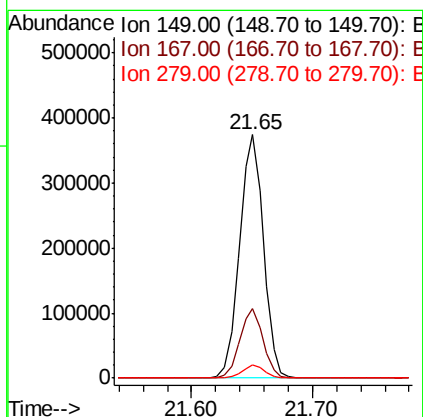
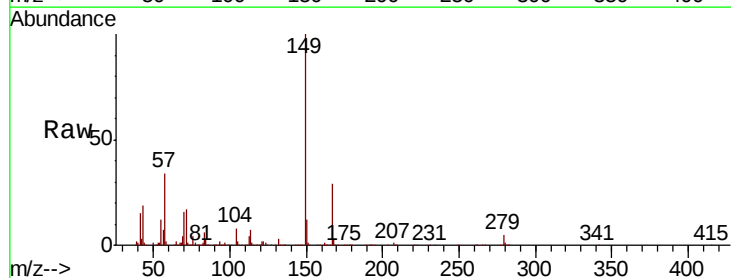
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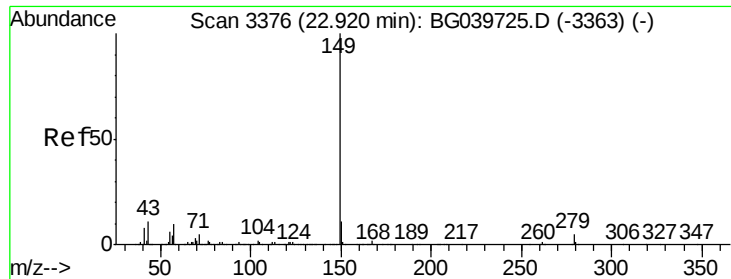
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.768 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. -0.02 min
 Lab File: BG039968.D
 Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.6	22.6	34.0
279	5.3	3.5	5.3#





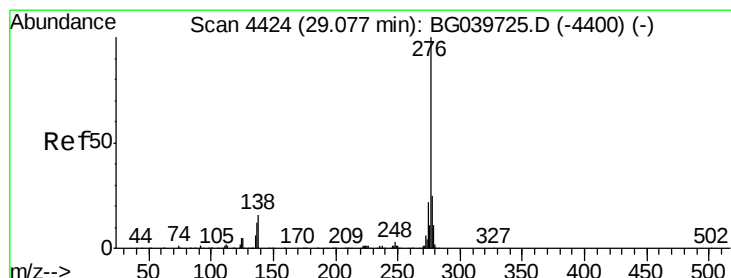
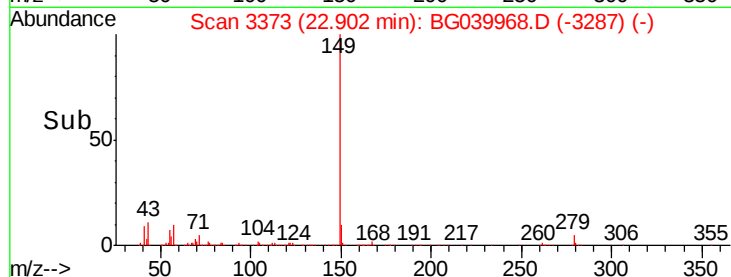
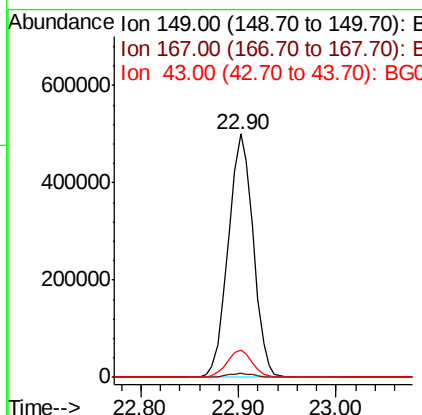
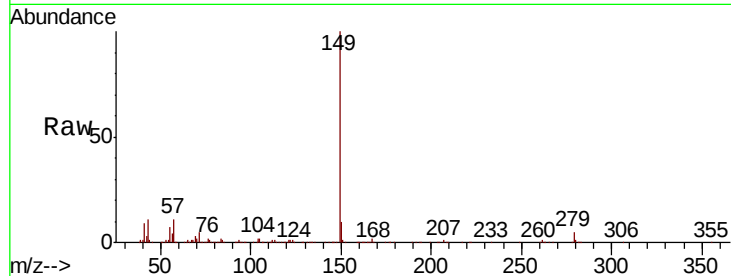
#85
Di-n-octyl phthalate
Concen: 46.455 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	883620		
167	1.6		1.3	1.9
43	11.2		10.2	15.4

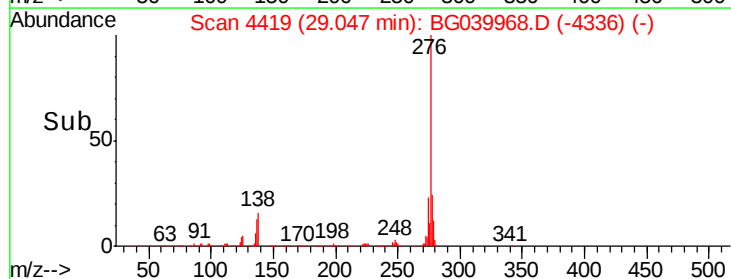
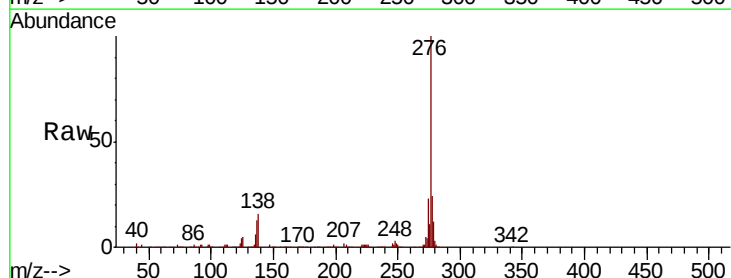
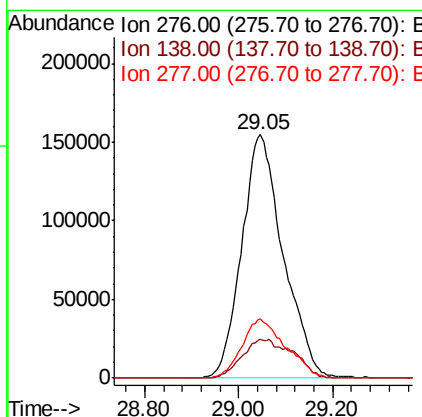
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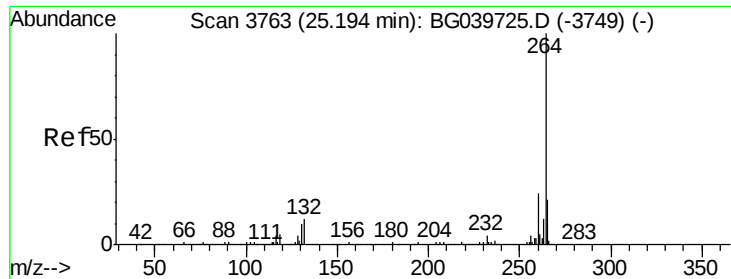
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.264 ng
RT: 29.05 min Scan# 4419
Delta R.T. -0.04 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	945988		
138	19.6		12.6	19.0#
277	25.7		20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

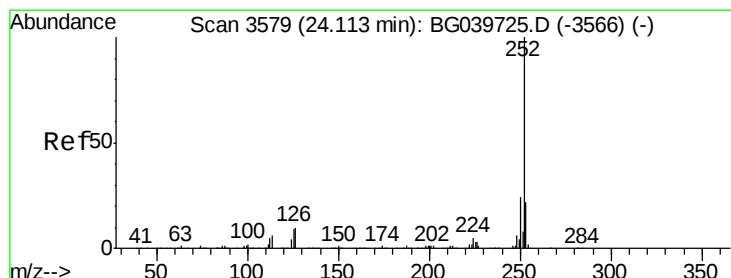
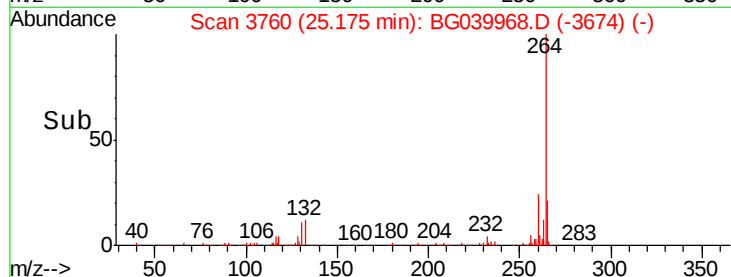
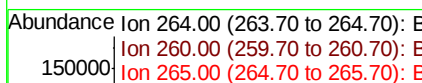
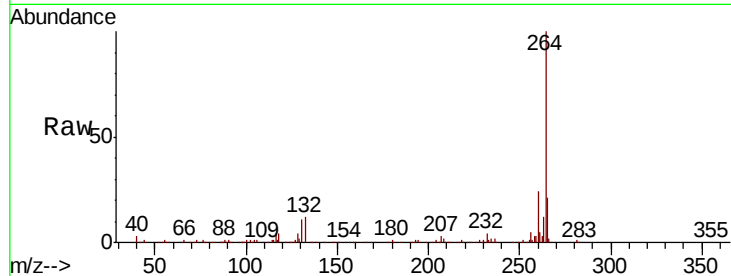
ClientSampleId :

TP-1MSD

Tot Ion:	264	Resp:	338645
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.2	27.4
265	21.0	18.5	27.7

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#88

Benzo(b)fluoranthene

Concen: 41.237 ng

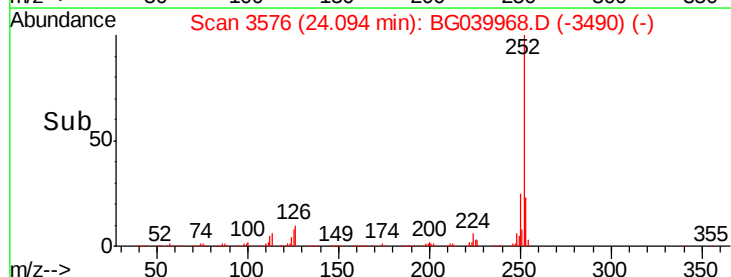
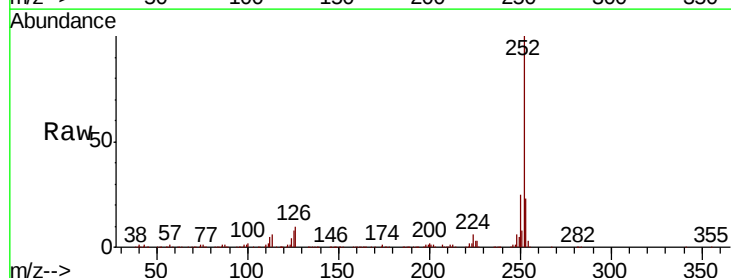
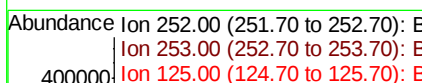
RT: 24.09 min Scan# 3576

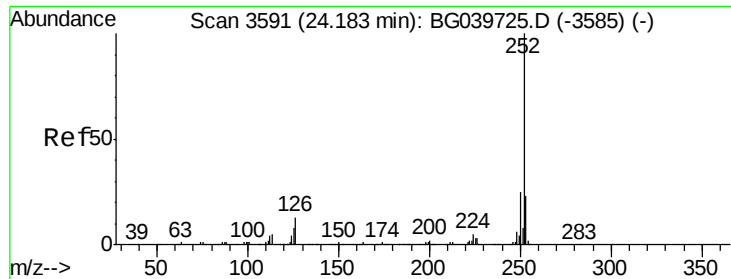
Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion:	252	Resp:	832741
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	8.3	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 42.956 ng

RT: 24.17 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Instrument :

BNA_G

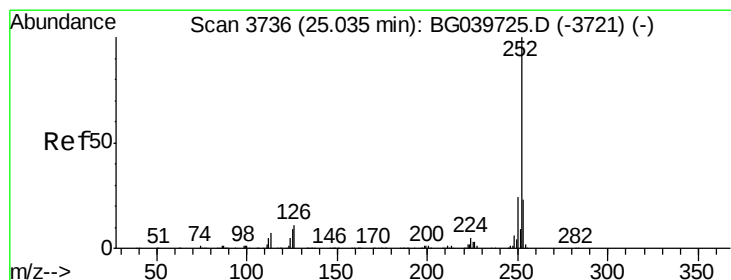
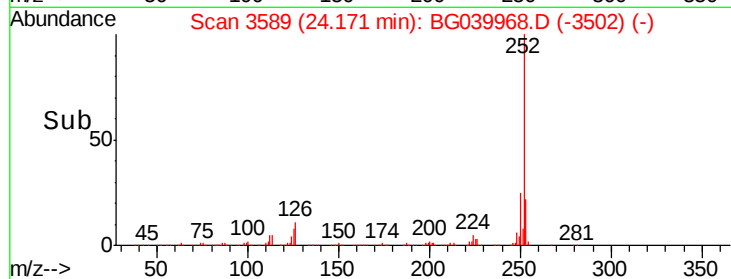
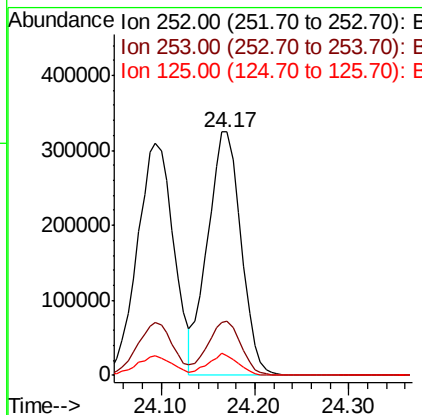
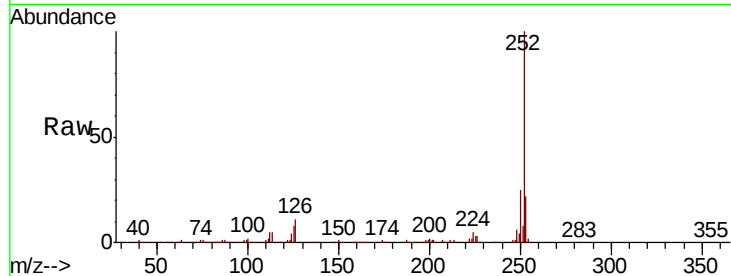
ClientSampleId :

TP-1MSD

Tot Ion:	252	Resp:	807477
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	8.3	7.4	11.2

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#90

Benzo(a)pyrene

Concen: 43.001 ng

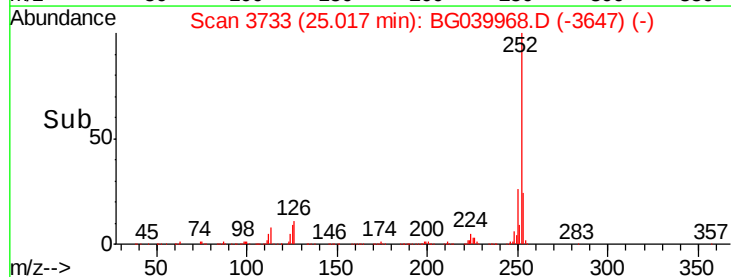
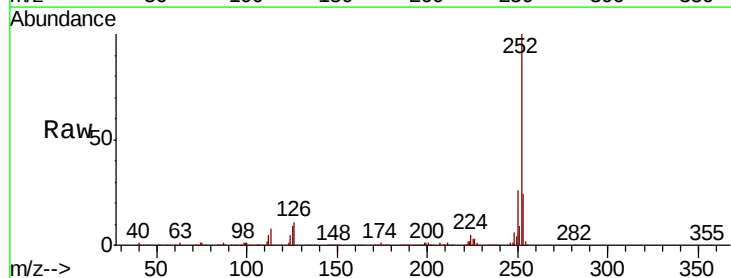
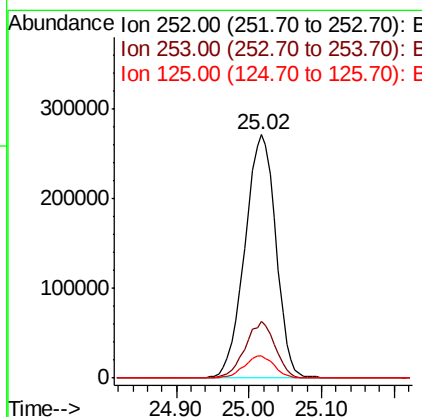
RT: 25.02 min Scan# 3733

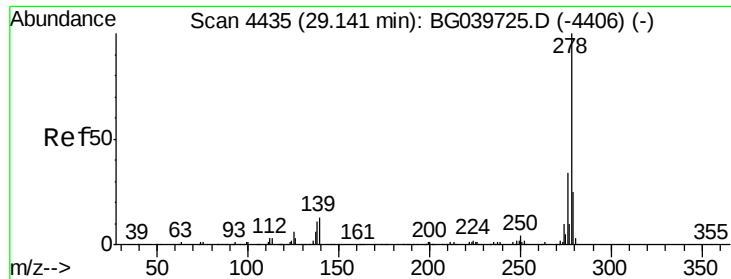
Delta R.T. -0.02 min

Lab File: BG039968.D

Acq: 16 Mar 2019 9:09

Tgt Ion:	252	Resp:	802411
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	9.1	8.3	12.5





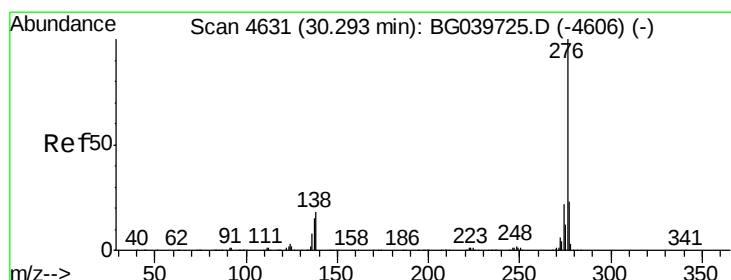
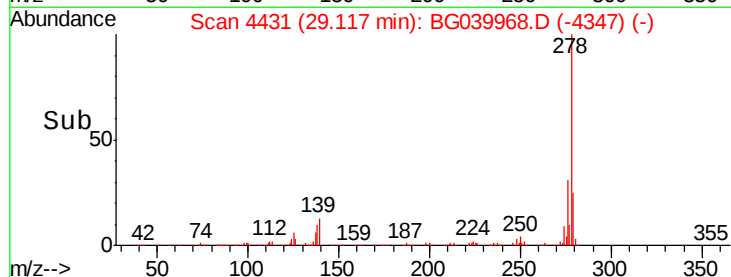
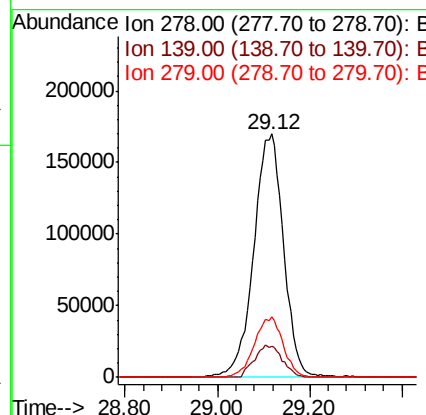
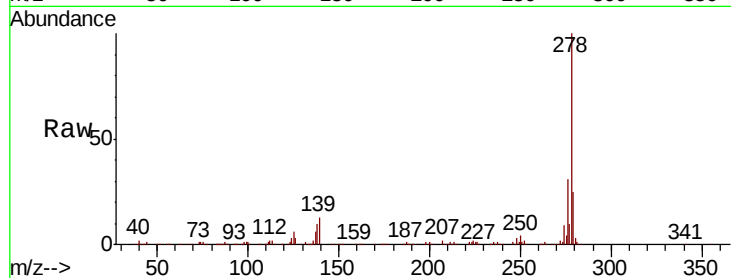
#91
Dibenzo(a,h)anthracene
Concen: 41.665 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.04 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.7	17.5
279	25.1	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/18/2019 3:02:54 PM



#92
Benzo(g,h,i)perylene
Concen: 42.403 ng
RT: 30.27 min Scan# 4627
Delta R.T. -0.04 min
Lab File: BG039968.D
Acq: 16 Mar 2019 9:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	17.8	14.7	22.1

