

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039467.D
 Acq On : 12 Feb 2019 17:12
 Operator : JU/SJ
 Sample : K1462-15MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-DMSD

Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:52 AM

Quant Time: Feb 13 00:50:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59425	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	280889	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	197669	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	439364	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	380865	20.00	ng	-0.01
87) Perylene-d12	25.21	264	400402	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	549840	158.36	ng	0.00
7) Phenol-d6	7.31	99	822072	160.85	ng	0.00
23) Nitrobenzene-d5	9.35	82	485793	108.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	331519	155.75	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1195250	86.74	ng	-0.01
79) Terphenyl-d14	20.13	244	1514510	84.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	46991	30.940	ng	96
3) Pyridine	4.01	79	145289	36.131	ng	95
4) n-Nitrosodimethylamine	3.92	42	87382	43.452	ng	87
6) Aniline	7.49	93	173456	27.095	ng	99
8) 2-Chlorophenol	7.73	128	205710	54.201	ng	95
9) Benzaldehyde	7.31	77	85447	31.467	ng	95
10) Phenol	7.34	94	303375	56.944	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	193532	45.972	ng	98
12) 1,3-Dichlorobenzene	8.06	146	196052	42.641	ng	95
13) 1,4-Dichlorobenzene	8.21	146	202050	44.090	ng	96
14) 1,2-Dichlorobenzene	8.53	146	196673	44.332	ng	97
15) Benzyl Alcohol	8.41	79	209320	52.168	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	381319	40.110	ng	98
17) 2-Methylphenol	8.60	107	191927	55.669	ng	99
18) Hexachloroethane	9.26	117	68433	43.405	ng	93
19) n-Nitroso-di-n-propylamine	8.98	70	170376	46.969	ng	93
20) 3+4-Methylphenols	8.93	107	272090	57.311	ng	98
22) Acetophenone	9.00	105	321212	42.572	ng	# 95
24) Nitrobenzene	9.39	77	253725	52.234	ng	98
25) Isophorone	9.91	82	500460	50.228	ng	98
26) 2-Nitrophenol	10.10	139	126706	61.140	ng	97
27) 2,4-Dimethylphenol	10.14	122	231341	57.397	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	304706	49.650	ng	100
29) 2,4-Dichlorophenol	10.63	162	248545	56.422	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	232502	47.011	ng	99
31) Naphthalene	11.05	128	674368	48.395	ng	99
32) Benzoic acid	10.21	122	9455m	11.930	ng	
33) 4-Chloroaniline	11.15	127	116298	18.000	ng	99
34) Hexachlorobutadiene	11.31	225	143097	43.508	ng	93
35) Caprolactam	11.94	113	87902m	48.222	ng	
36) 4-Chloro-3-methylphenol	12.25	107	272107	53.412	ng	97
37) 2-Methylnaphthalene	12.63	142	523210	50.695	ng	97
38) 1-Methylnaphthalene	12.86	142	504305	50.690	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	292785	46.553	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039467.D
 Acq On : 12 Feb 2019 17:12
 Operator : JU/SJ
 Sample : K1462-15MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-DMSD

Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:52 AM

Quant Time: Feb 13 00:50:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	304448	88.835	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	206427	53.382	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	225758	55.703	nq	98
46) 1,1'-Biphenyl	13.63	154	717979	43.655	nq	99
47) 2-Chloronaphthalene	13.68	162	553626	44.747	nq	99
48) 2-Nitroaniline	13.89	65	194656	53.599	nq	91
49) Acenaphthylene	14.53	152	893374	47.853	nq	98
50) Dimethylphthalate	14.25	163	834774	52.289	nq	99
51) 2,6-Dinitrotoluene	14.37	165	167588	55.052	nq	100
52) Acenaphthene	14.86	154	553189	45.649	nq	99
53) 3-Nitroaniline	14.70	138	94291	31.546	nq	# 90
54) 2,4-Dinitrophenol	14.91	184	114283	84.345	nq	93
55) Dibenzofuran	15.20	168	871736	44.866	nq	98
56) 4-Nitrophenol	15.00	139	266722	91.504	nq	90
57) 2,4-Dinitrotoluene	15.16	165	232319	58.701	nq	90
58) Fluorene	15.84	166	686611	47.404	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	218507	57.581	nq	96
60) Diethylphthalate	15.60	149	738784	44.758	nq	97
61) 4-Chlorophenyl-phenylether	15.82	204	371456	45.292	nq	99
62) 4-Nitroaniline	15.87	138	159442	47.660	nq	93
63) Azobenzene	16.12	77	665308	41.238	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	121919	62.800	nq	99
66) n-Nitrosodiphenylamine	16.05	169	633813	47.443	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	239280	49.091	nq	93
68) Hexachlorobenzene	16.84	284	244886	50.075	nq	92
69) Atrazine	16.98	200	235748	48.288	nq	96
70) Pentachlorophenol	17.18	266	296794	87.321	nq	99
71) Phenanthrene	17.59	178	1062779	46.736	nq	99
72) Anthracene	17.68	178	1074813	47.985	nq	98
73) Carbazole	17.95	167	908630	40.647	nq	99
74) Di-n-butylphthalate	18.48	149	1065762	40.867	nq	99
75) Fluoranthene	19.58	202	1138650	43.140	nq	99
77) Benzidine	19.76	184	361616	28.960	nq	99
78) Pyrene	19.95	202	1123554	47.388	nq	99
80) Butylbenzylphthalate	20.81	149	480370	48.029	nq	98
81) Benzo(a)anthracene	21.81	228	1094038	48.613	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	204110	24.460	nq	98
83) Chrysene	21.88	228	1025482	47.867	nq	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	668697	46.864	nq	99
85) Di-n-octyl phthalate	22.95	149	1142714	48.475	nq	96
86) Indeno(1,2,3-cd)pyrene	29.12	276	1261214	54.870	nq	# 80
88) Benzo(b)fluoranthene	24.13	252	1087948	49.823	nq	99
89) Benzo(k)fluoranthene	24.21	252	1052460	48.007	nq	99
90) Benzo(a)pyrene	25.06	252	1062744	50.535	nq	99
91) Dibenzo(a,h)anthracene	29.18	278	1018766	51.729	nq	97
92) Benzo(g,h,i)perylene	30.34	276	1042528	53.109	nq	99

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

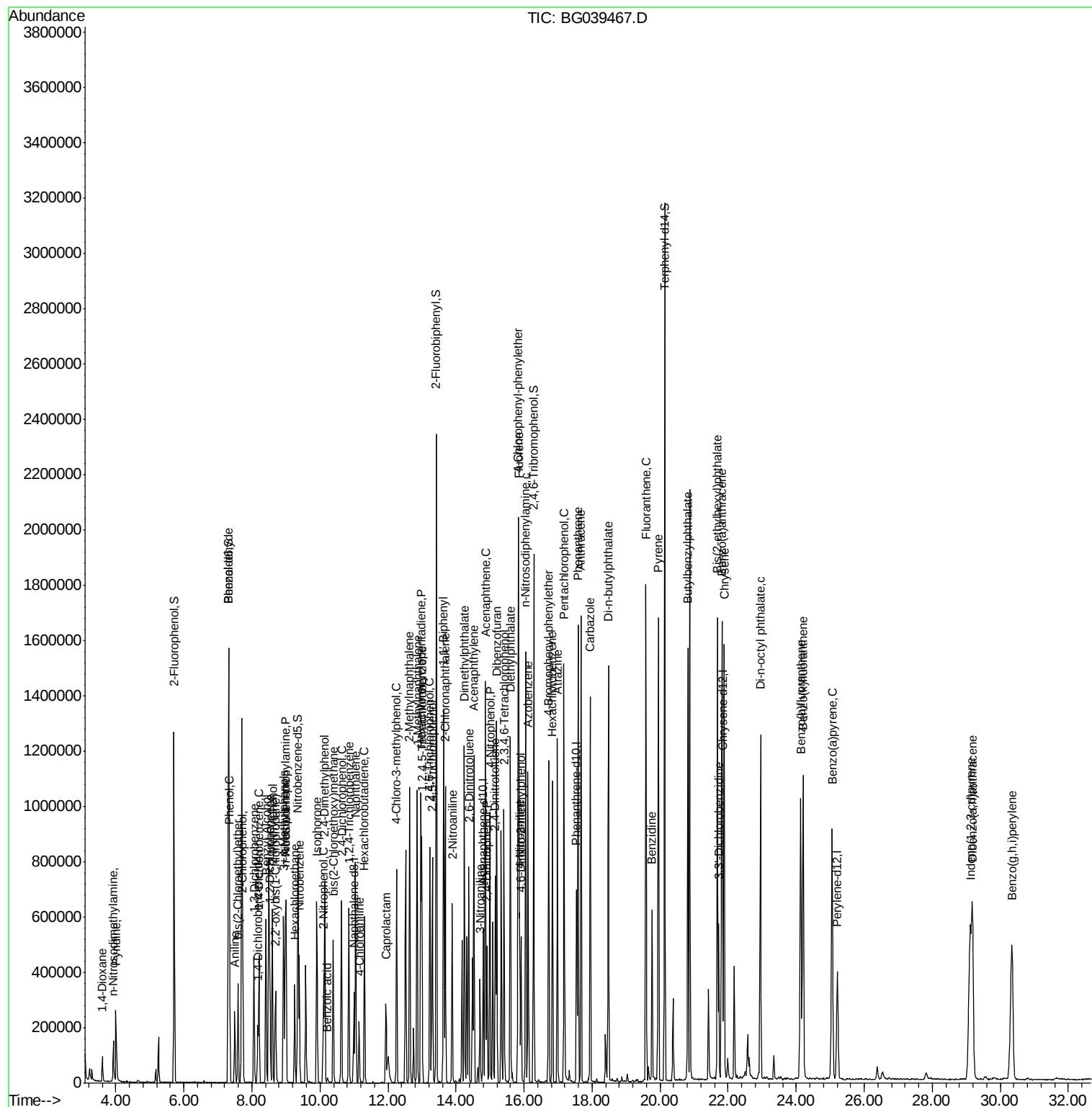
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039467.D
Acq On : 12 Feb 2019 17:12
Operator : JU/SJ
Sample : K1462-15MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

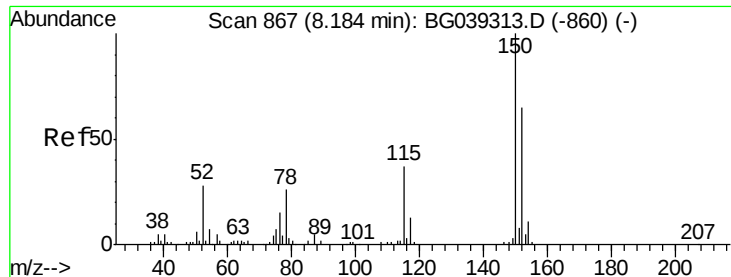
Instrument :
BNA_G
ClientSampleID :
TP-2-DMSD

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM

Quant Time: Feb 13 00:50:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

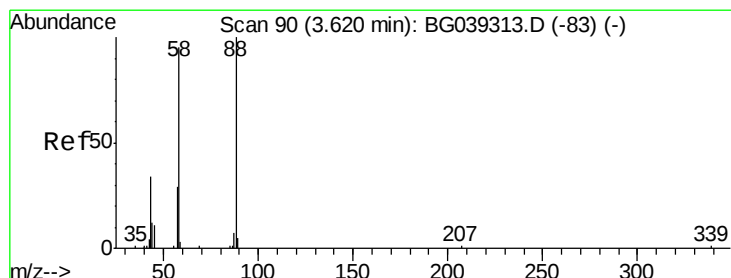
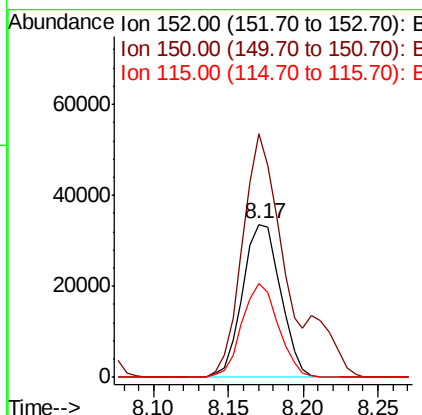
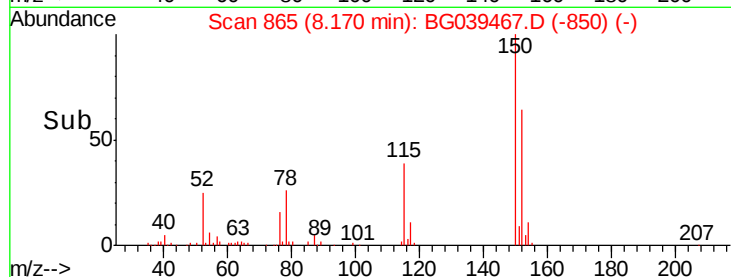
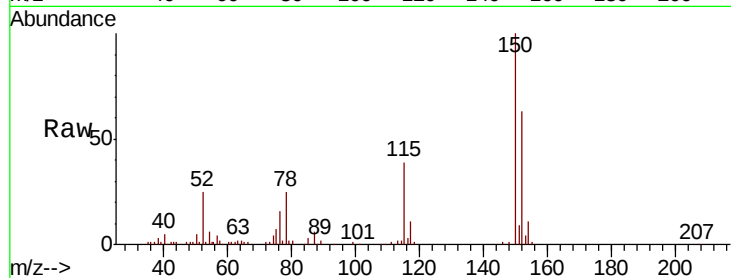
ClientSampleId :

TP-2-DMSD

Tot Ion:	152	Resp:	59425
Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.7	185.5
115	61.6	45.9	68.9

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#2

1,4-Dioxane

Concen: 30.940 ng

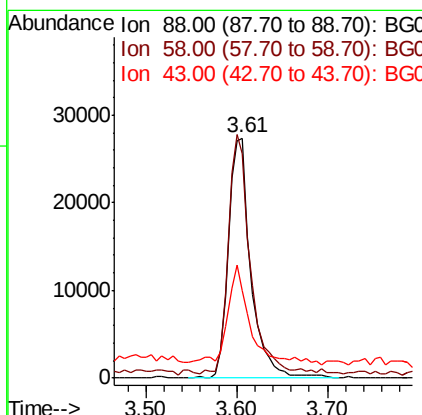
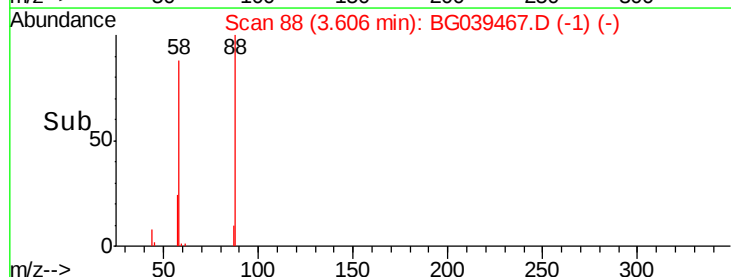
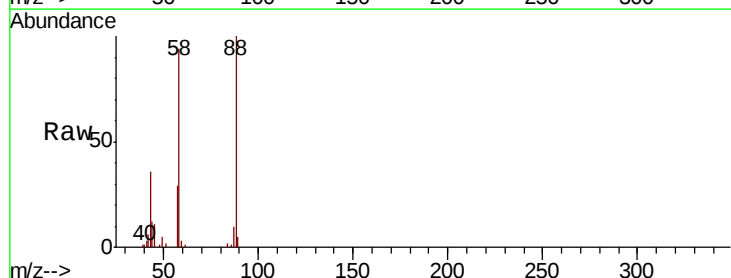
RT: 3.61 min Scan# 88

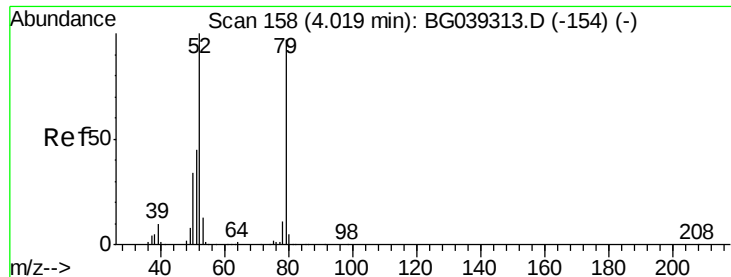
Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	88	Resp:	46991
Ion	Ratio	Lower	Upper
88	100		
58	98.7	81.1	121.7
43	42.9	31.4	47.0





#3

Pvridine

Concen: 36.131 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

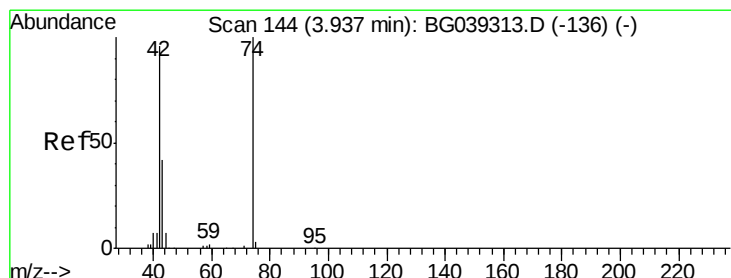
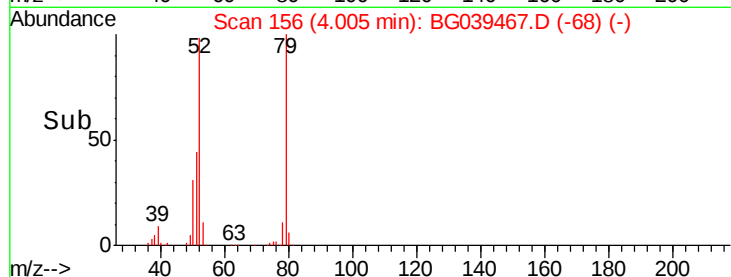
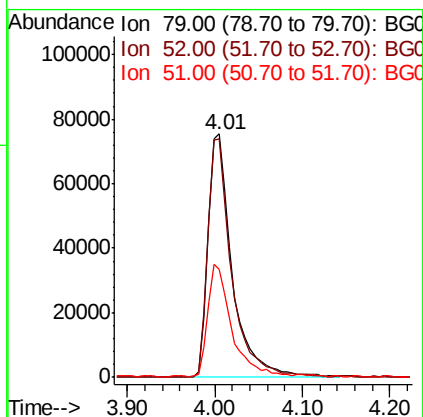
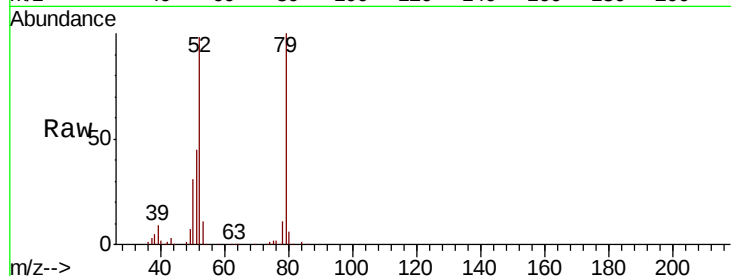
ClientSampled :

TP-2-DMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.1	82.6	124.0
51	44.6	37.5	56.3

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#4

n-Nitrosodimethylamine

Concen: 43.452 ng

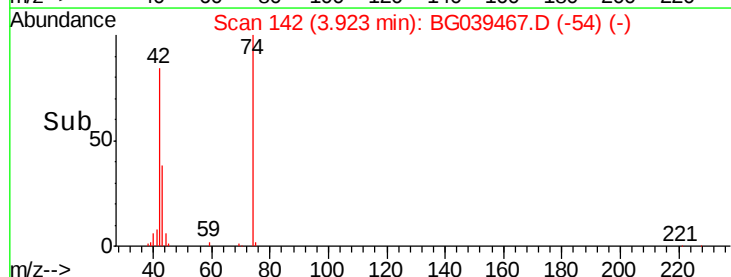
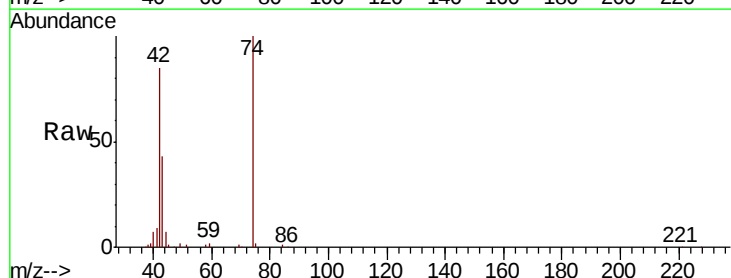
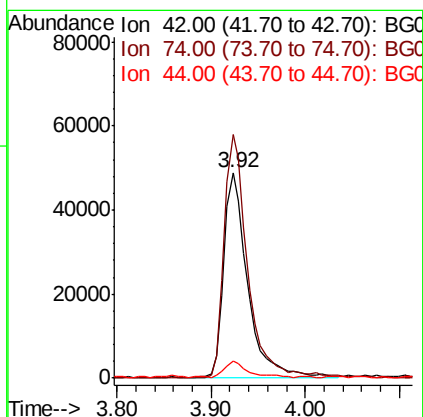
RT: 3.92 min Scan# 142

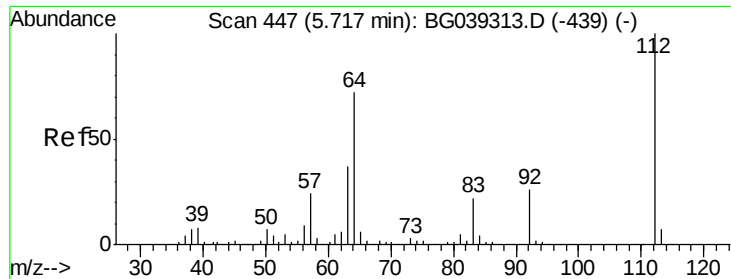
Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.3	83.6	125.4
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 158.360 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

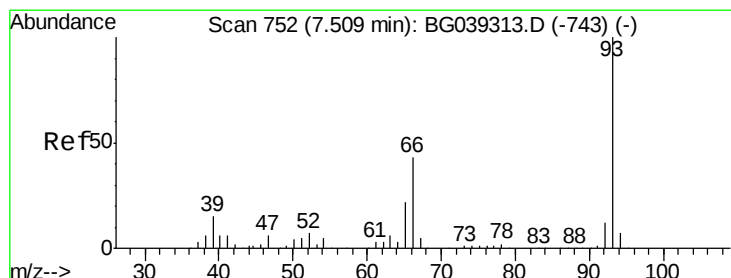
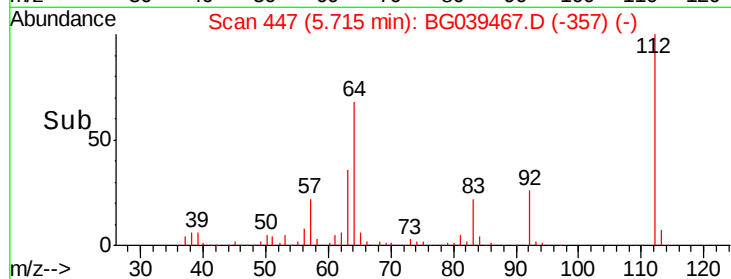
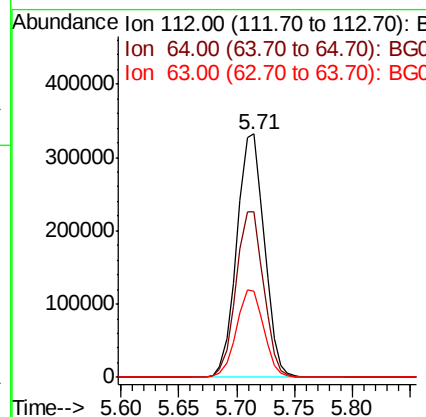
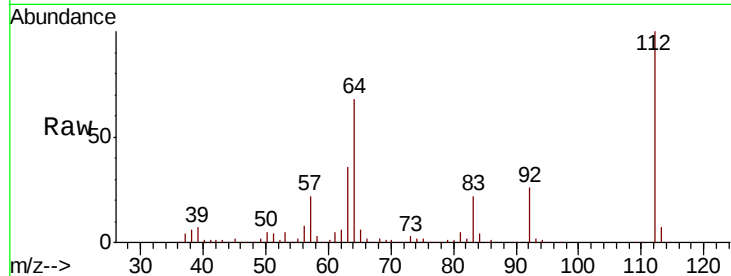
ClientSampleId :

TP-2-DMSD

Tot Ion:	112	Resp:	549840
Ion Ratio	Lower	Upper	
112	100		
64	67.8	57.8	86.8
63	35.6	29.8	44.6

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#6

Aniline

Concen: 27.095 ng

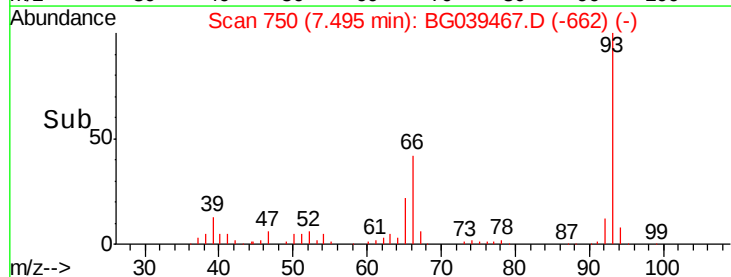
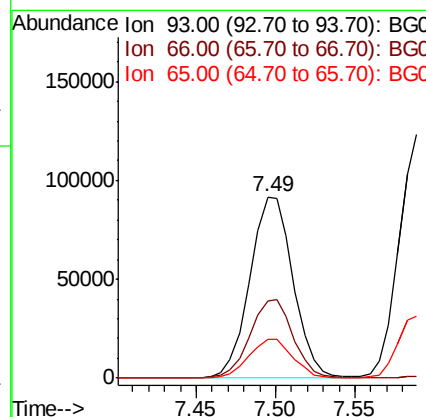
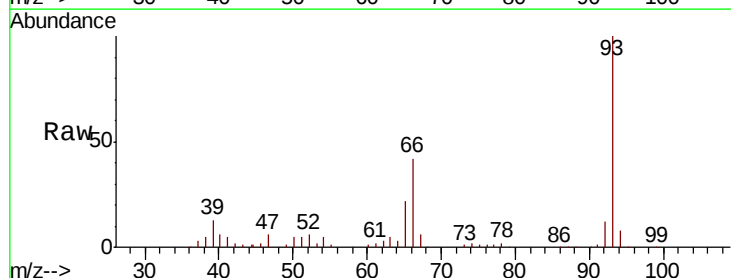
RT: 7.49 min Scan# 750

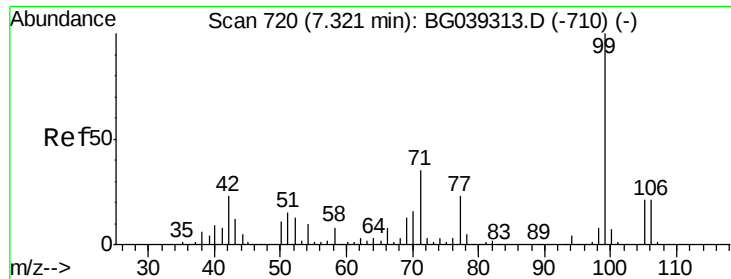
Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	93	Resp:	173456
Ion Ratio	Lower	Upper	
93	100		
66	42.4	34.2	51.4
65	21.7	17.7	26.5





#7

Phenol-d6

Concen: 160.850 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

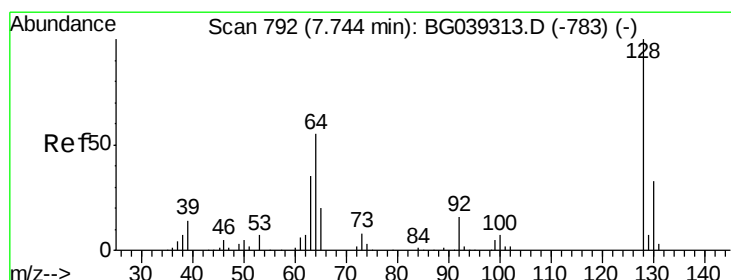
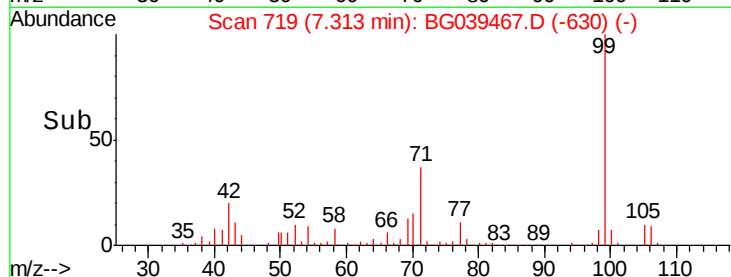
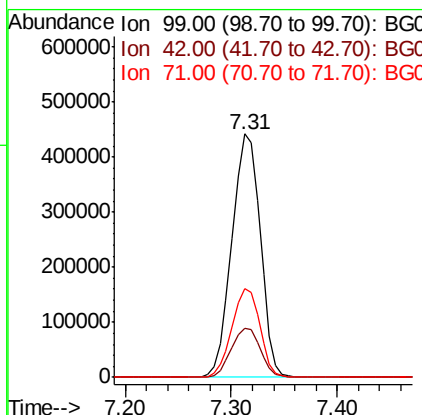
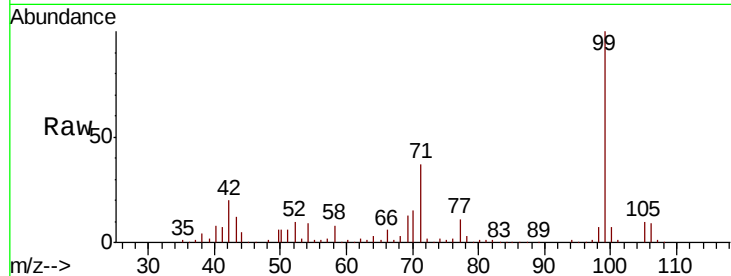
ClientSampled :

TP-2-DMSD

Tot Ion:	99	Resp:	822072
Ion Ratio	Lower	Upper	
99	100		
42	20.3	18.2	27.2
71	36.6	28.0	42.0

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#8

2-Chlorophenol

Concen: 54.201 ng

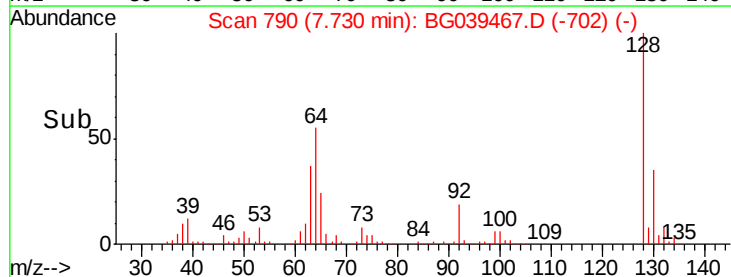
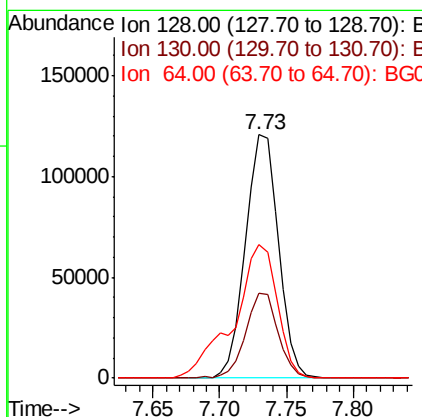
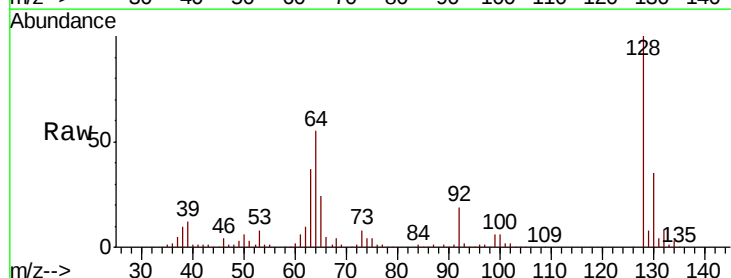
RT: 7.73 min Scan# 790

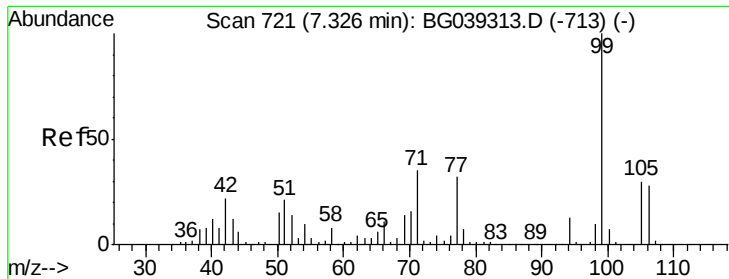
Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	128	Resp:	205710
Ion Ratio	Lower	Upper	
128	100		
130	35.0	12.9	52.9
64	55.0	38.7	78.7





#9

Benzaldehyde

Concen: 31.467 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

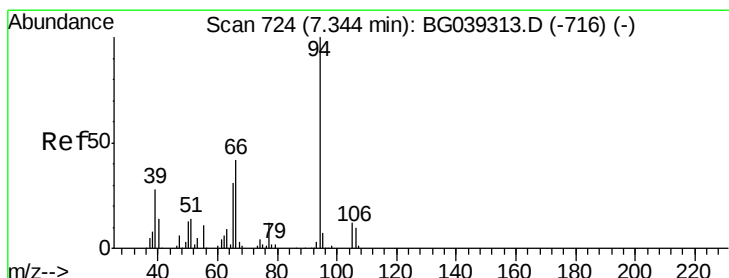
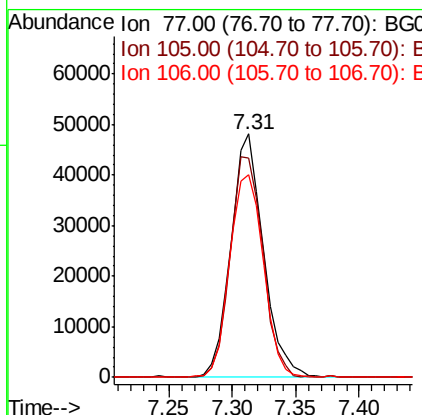
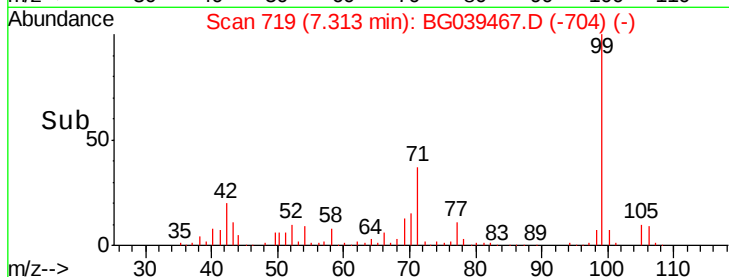
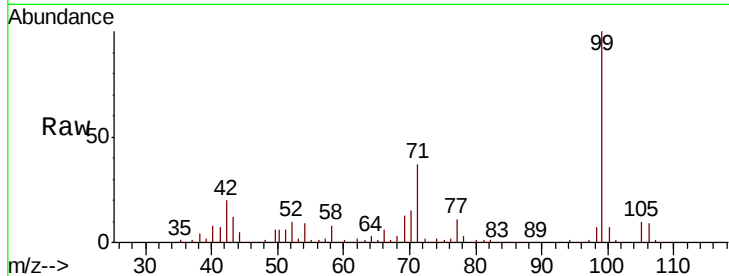
ClientSampled :

TP-2-DMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.0	74.5	114.5
106	83.3	68.0	108.0

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#10

Phenol

Concen: 56.944 ng

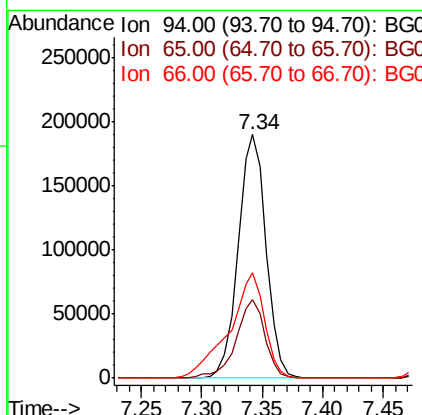
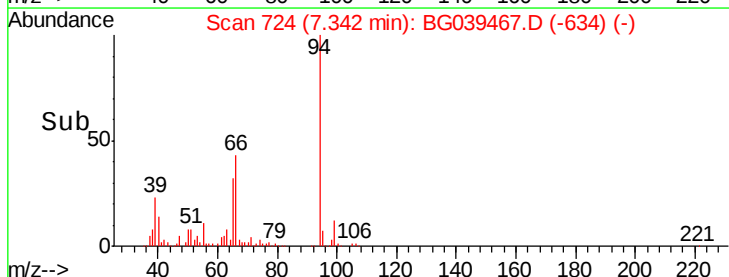
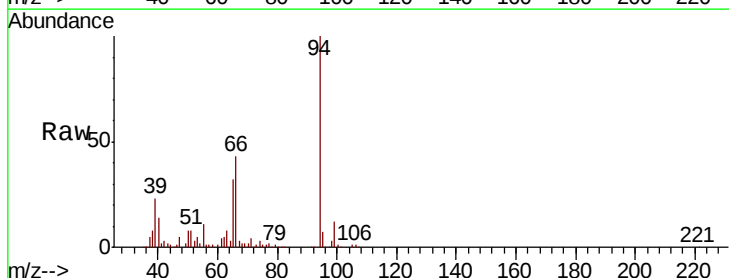
RT: 7.34 min Scan# 724

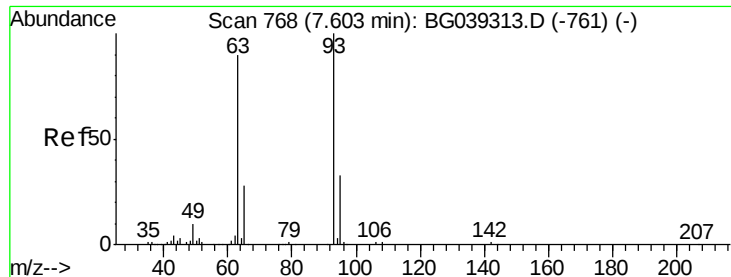
Delta R.T. -0.00 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.7	51.7
66	43.2	23.7	63.7





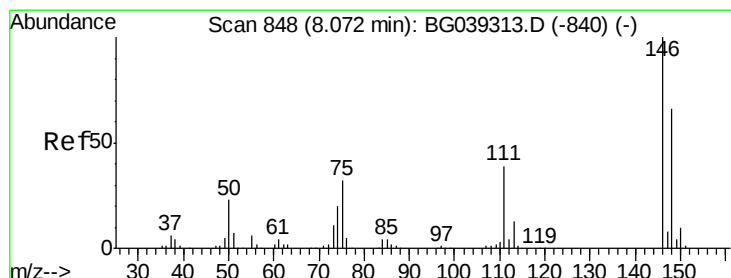
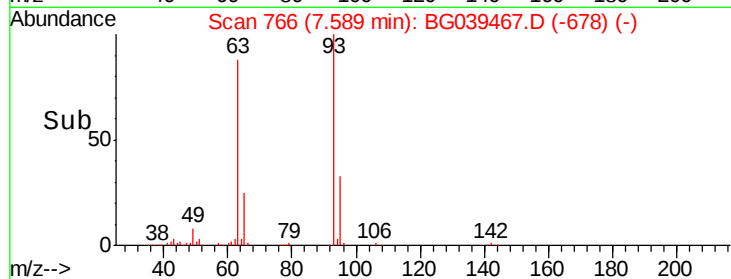
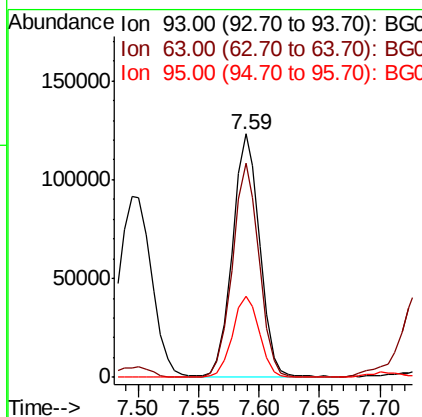
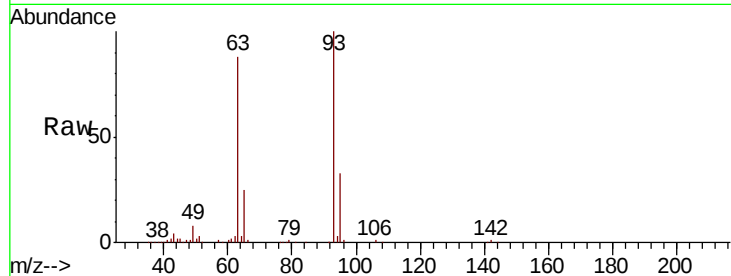
#11
bis(2-Chloroethyl)ether
Concen: 45.972 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	193532		
63	87.7	69.5	109.5	
95	33.5	12.7	52.7	

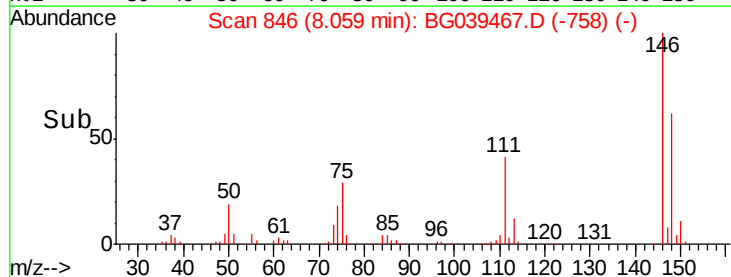
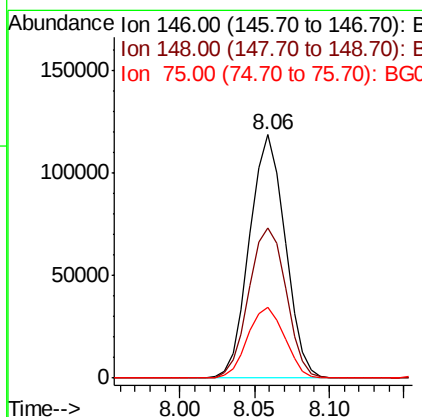
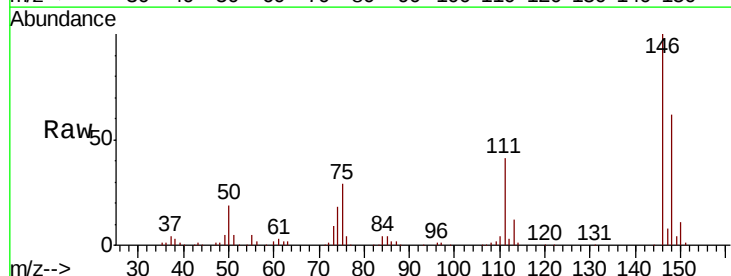
Manual Integrations
APPROVED

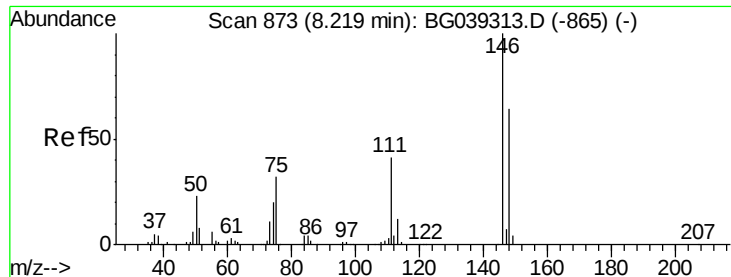
Sohil
2/13/2019 9:56:52 AM



#12
1,3-Dichlorobenzene
Concen: 42.641 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	196052		
148	61.8	52.6	79.0	
75	29.0	25.8	38.6	





#13

1,4-Dichlorobenzene

Concen: 44.090 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

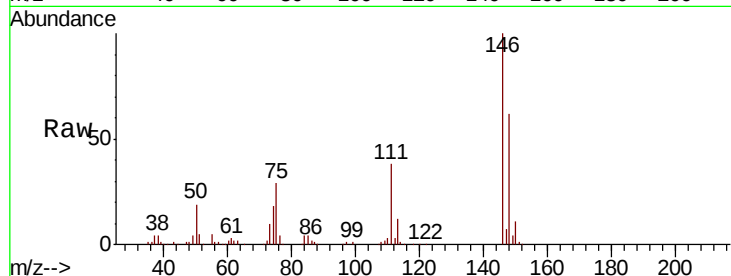
ClientSampled :

TP-2-DMSD

Tot Ion:	146	Resp:	202050
Ion Ratio	Lower	Upper	
146	100		
148	61.7	51.1	76.7
111	37.6	32.6	48.8

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM

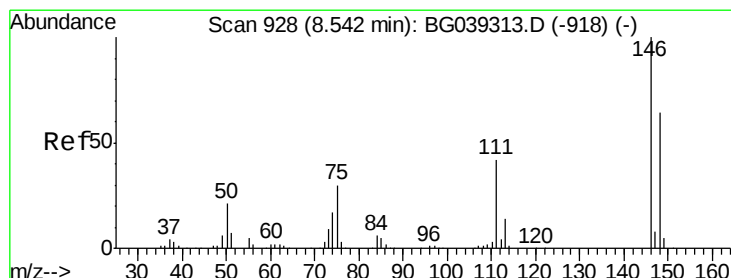
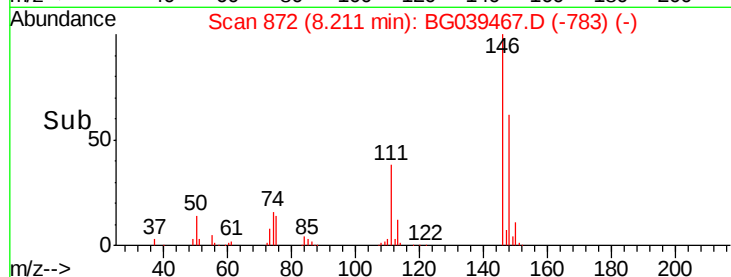
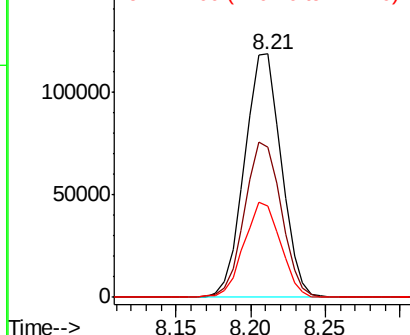


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.332 ng

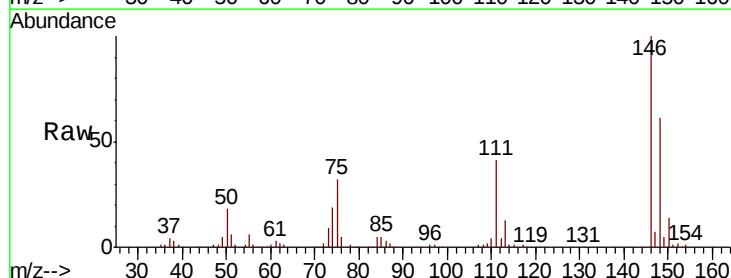
RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	146	Resp:	196673
Ion Ratio	Lower	Upper	
146	100		
148	60.8	51.5	77.3
111	41.1	33.8	50.6

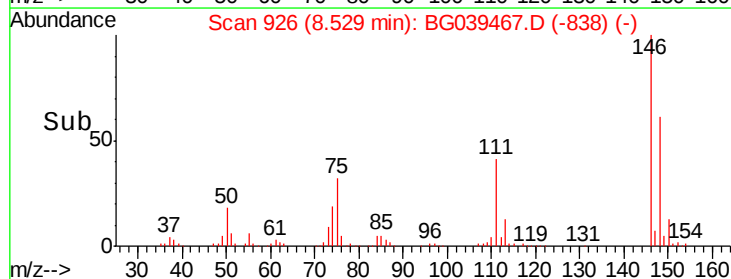
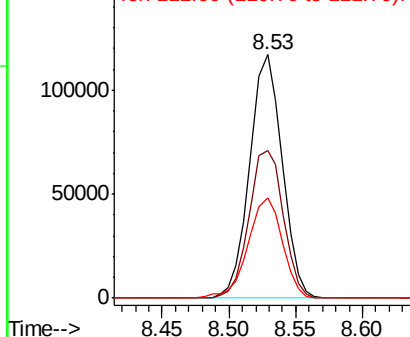


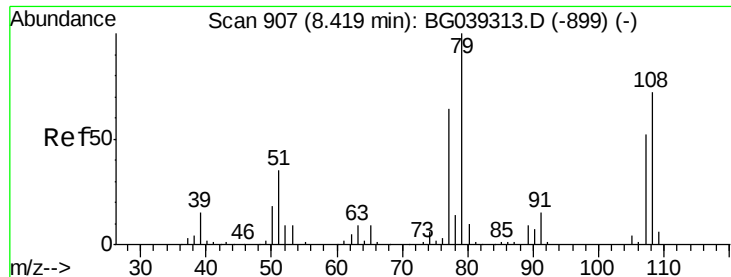
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.168 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

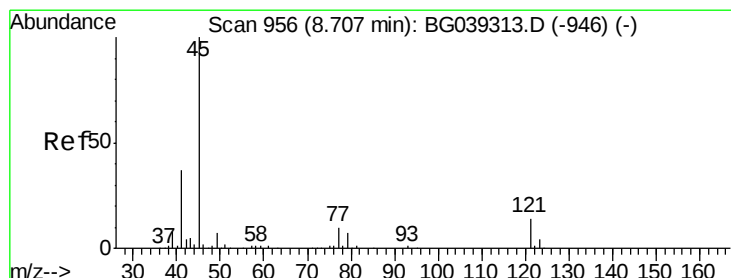
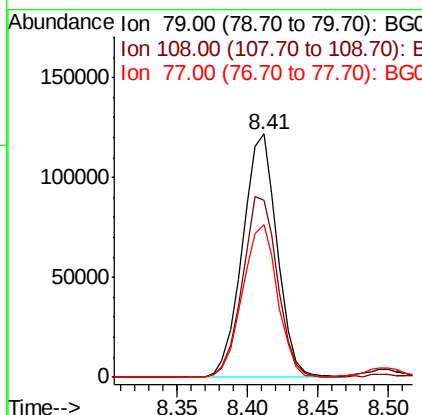
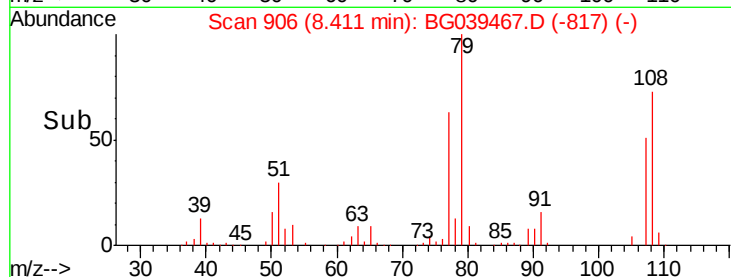
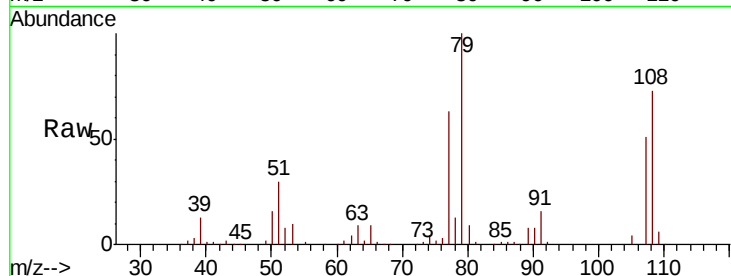
ClientSampled :

TP-2-DMSD

Tot Ion:	79	Resp:	209320
Ion Ratio	Lower	Upper	
79	100		
108	72.6	57.8	86.6
77	63.0	51.1	76.7

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.110 ng

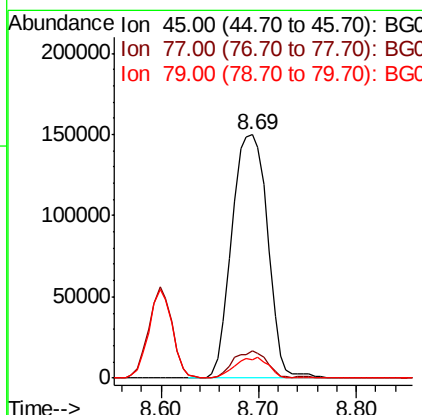
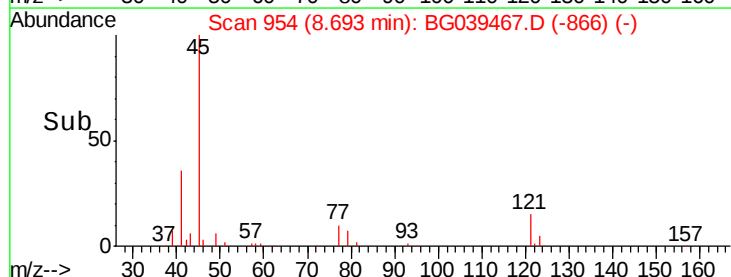
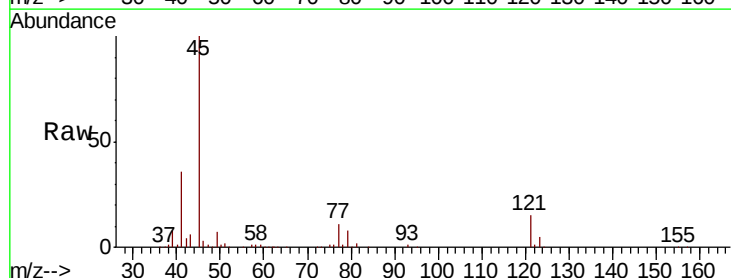
RT: 8.69 min Scan# 954

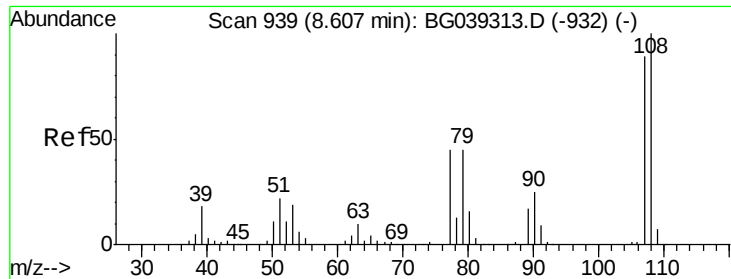
Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	45	Resp:	381319
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	30.0
79	7.5	0.0	27.5





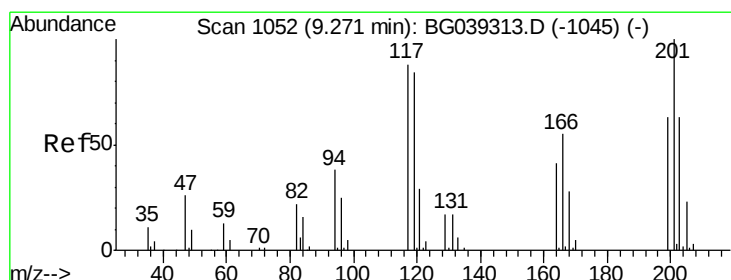
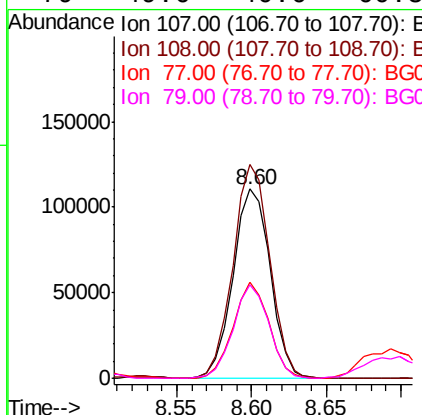
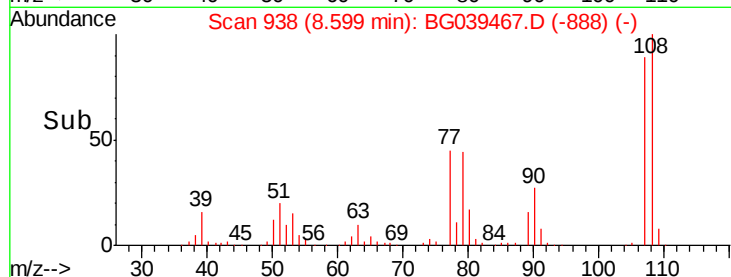
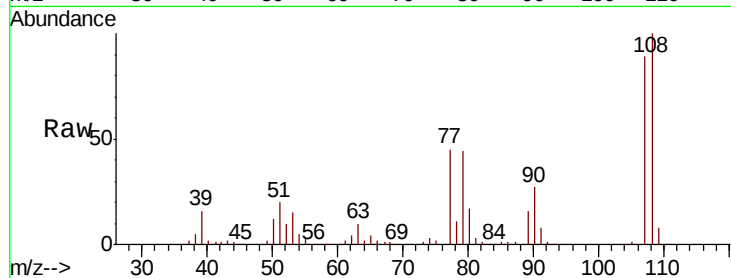
#17
2-Methylphenol
Concen: 55.669 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	191927		
108	112.9	90.8	136.2	
77	51.1	40.7	61.1	
79	49.6	40.6	60.8	

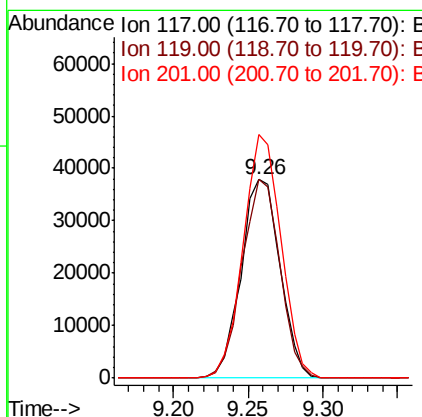
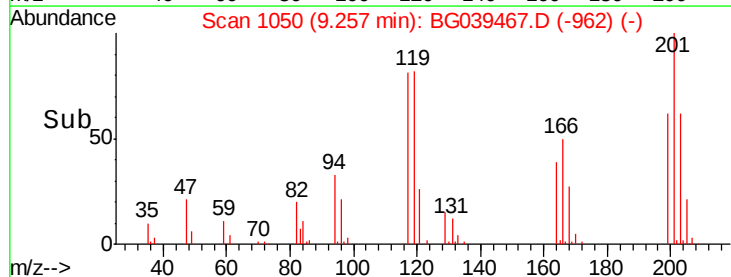
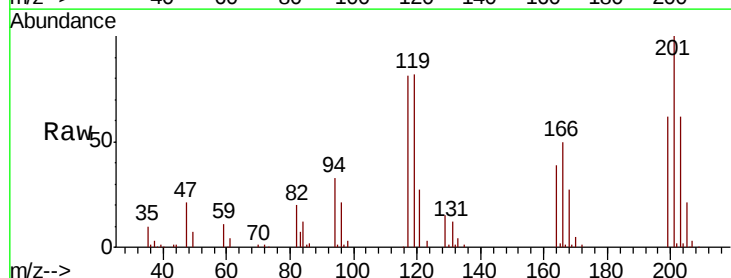
Manual Integrations
APPROVED

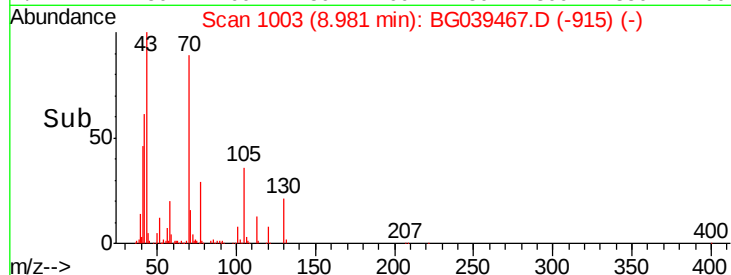
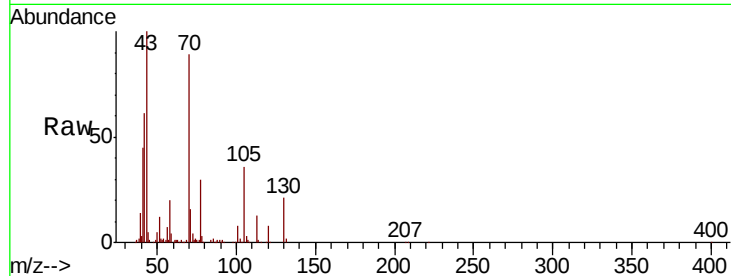
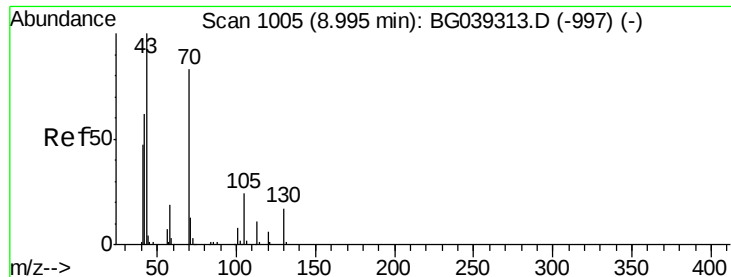
Sohil
2/13/2019 9:56:52 AM



#18
Hexachloroethane
Concen: 43.405 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68433		
119	100.2	76.3	114.5	
201	122.8	91.1	136.7	





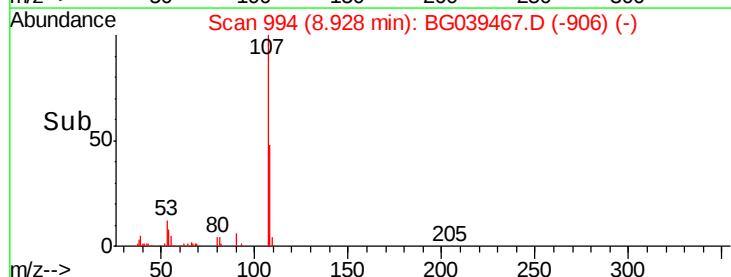
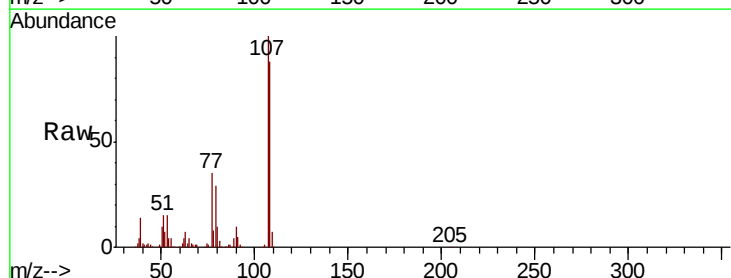
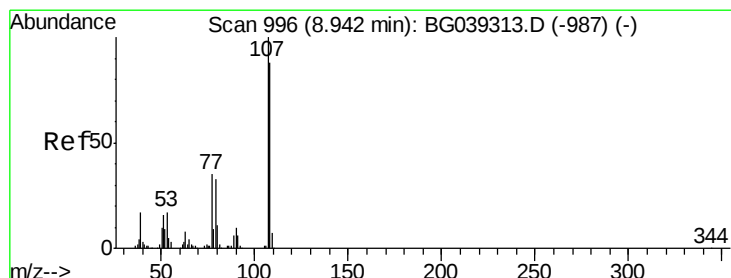
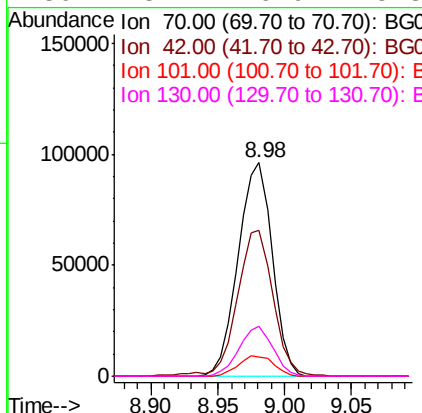
#19
n-Nitroso-di-n-propylamine
Concen: 46.969 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.5	60.4	90.6	
101	8.8	7.5	11.3	
130	23.1	16.9	25.3	

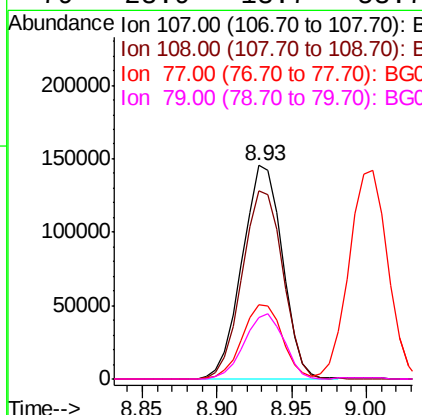
Manual Integrations
APPROVED

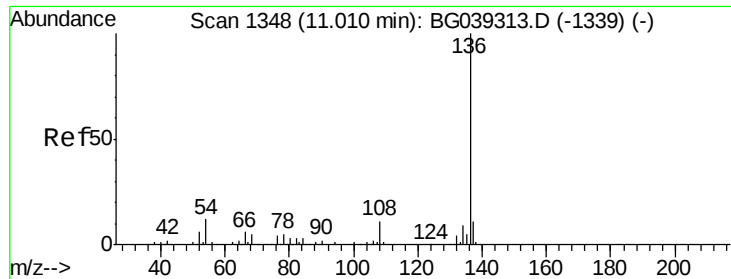
Sohil
2/13/2019 9:56:52 AM



#20
3+4-Methylphenols
Concen: 57.311 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	67.9	107.9	
77	34.7	15.4	55.4	
79	28.9	13.7	53.7	





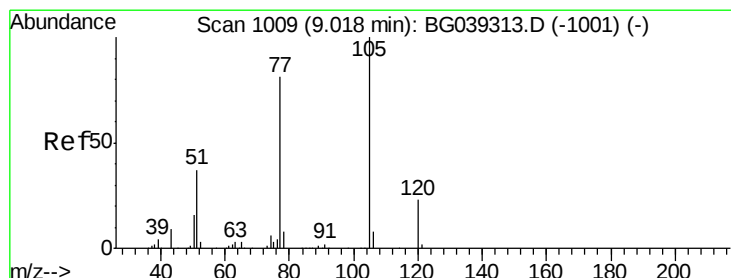
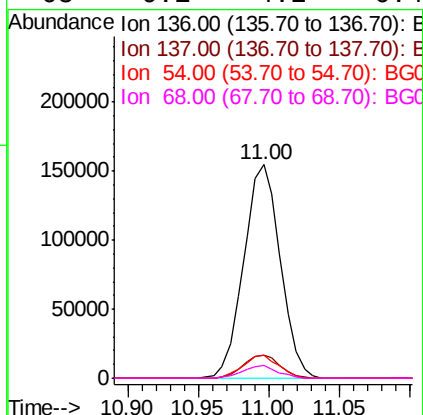
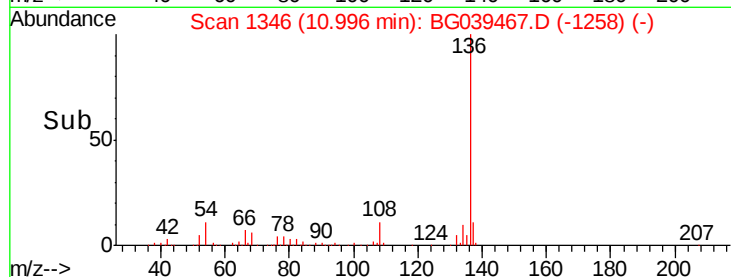
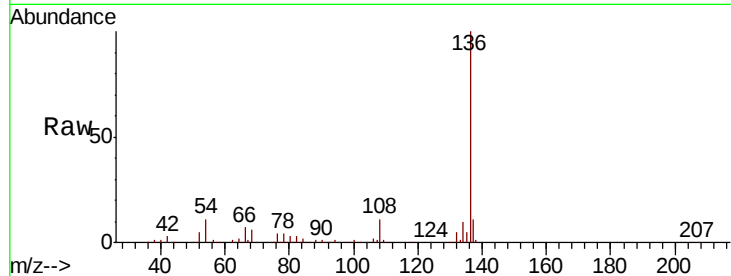
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	280889		
137	10.6		9.1	13.7
54	10.9		9.4	14.2
68	6.1		4.2	6.4

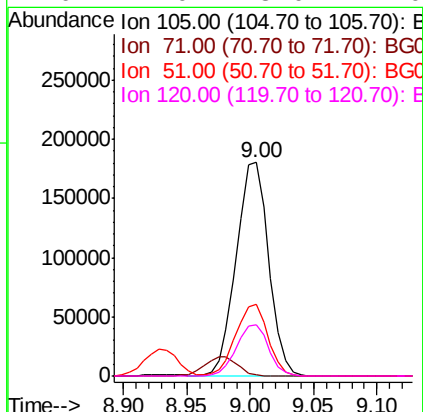
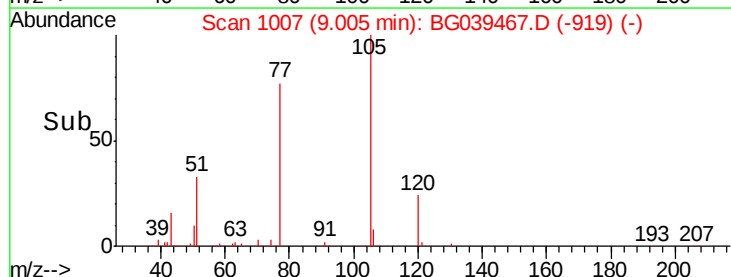
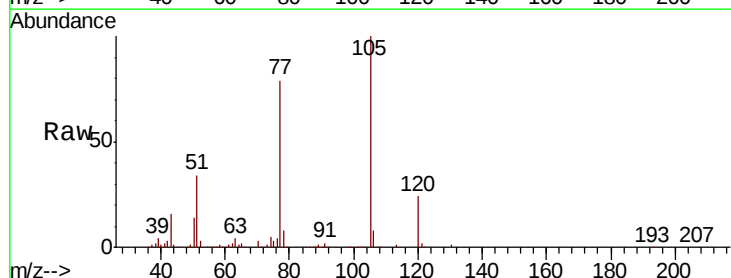
Manual Integrations
APPROVED

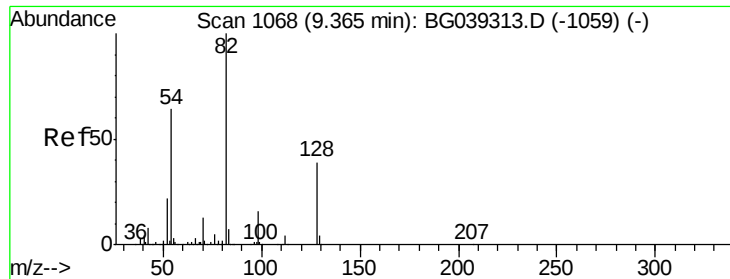
Sohil
2/13/2019 9:56:52 AM



#22
Acetophenone
Concen: 42.572 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	321212		
71	0.5		0.8	1.2#
51	33.7		30.2	45.2
120	24.0		18.0	27.0





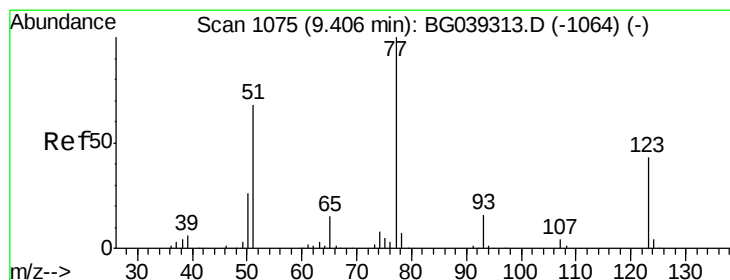
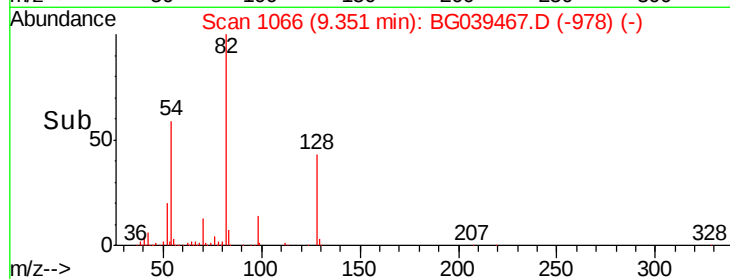
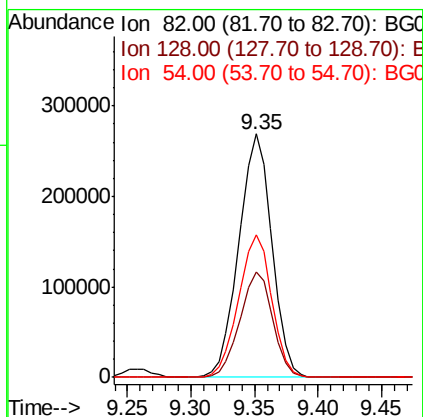
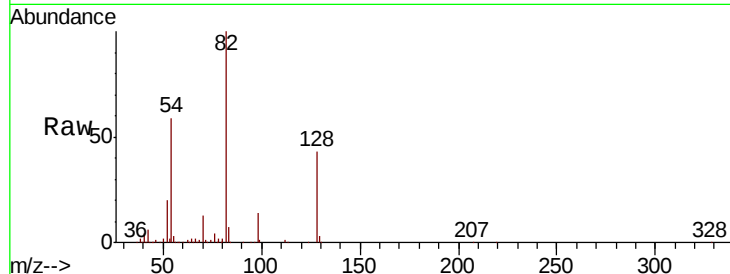
#23
Nitrobenzene-d5
Concen: 108.044 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.1	31.3	46.9	
54	58.5	50.9	76.3	

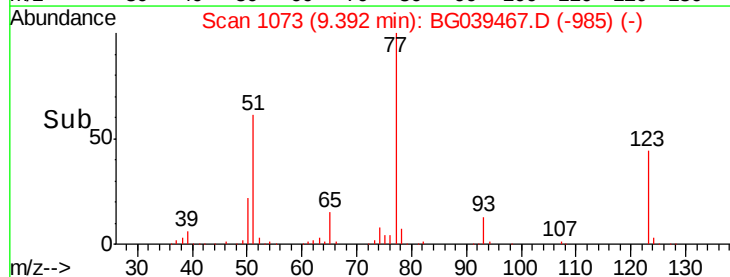
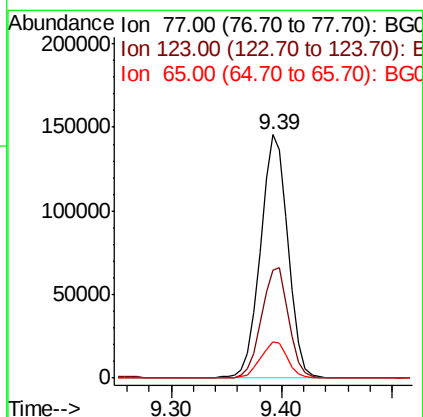
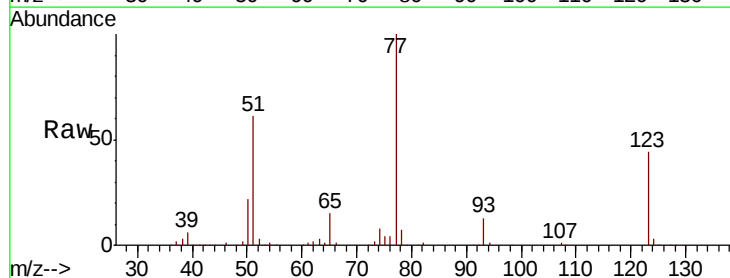
Manual Integrations
APPROVED

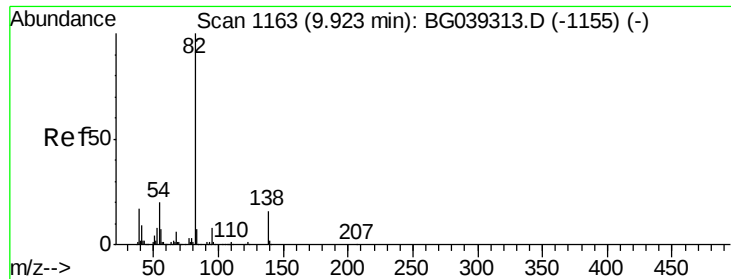
Sohil
2/13/2019 9:56:52 AM



#24
Nitrobenzene
Concen: 52.234 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.1	34.1	51.1	
65	14.8	12.3	18.5	





#25

Isophorone

Concen: 50.228 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

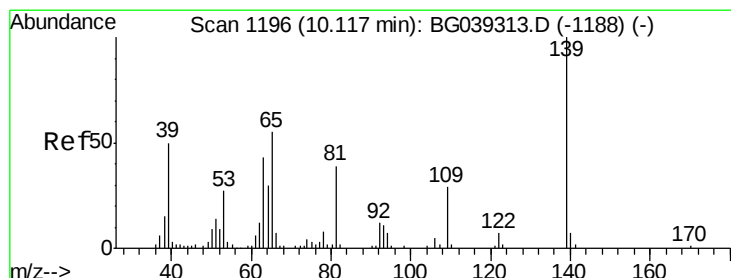
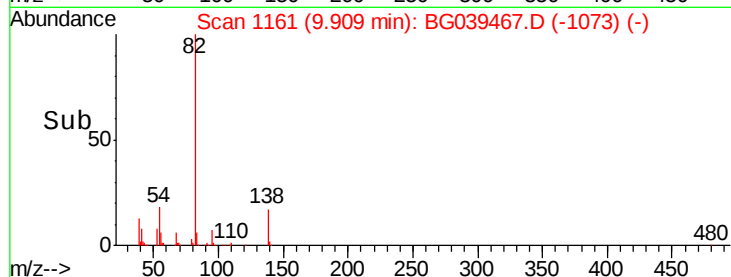
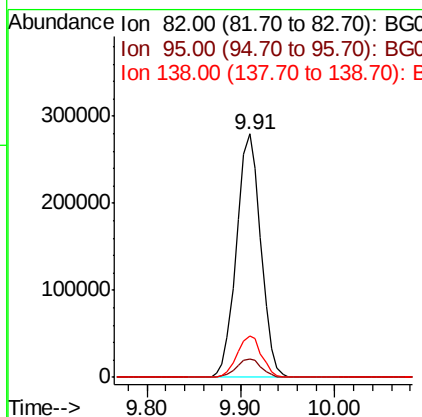
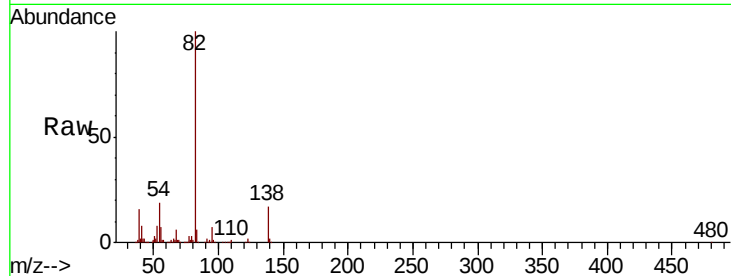
ClientSampleId :

TP-2-DMSD

Tot Ion:	82	Resp:	500460
Ion Ratio		Lower	Upper
82	100		
95	7.3	6.2	9.2
138	17.2	13.0	19.4

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#26

2-Nitrophenol

Concen: 61.140 ng

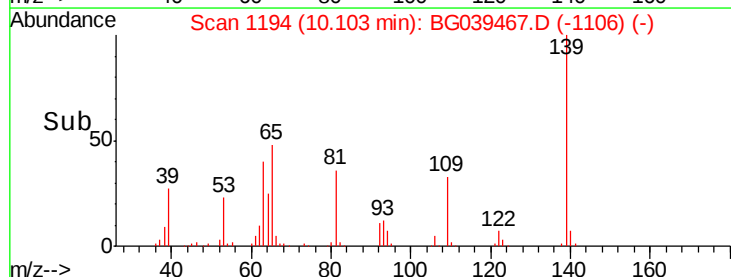
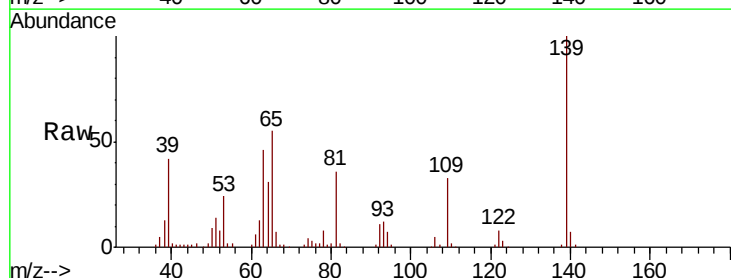
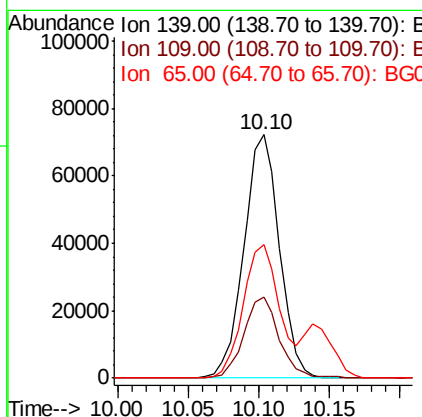
RT: 10.10 min Scan# 1194

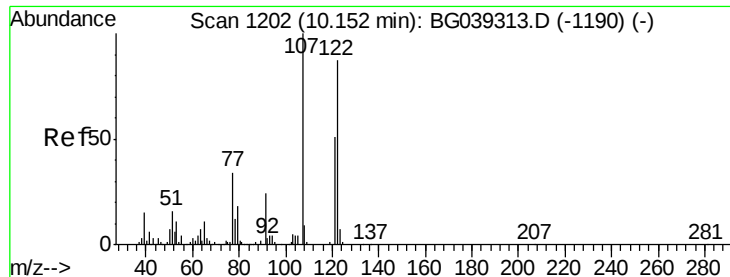
Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	139	Resp:	126706
Ion Ratio		Lower	Upper
139	100		
109	33.2	23.4	35.0
65	54.7	44.3	66.5





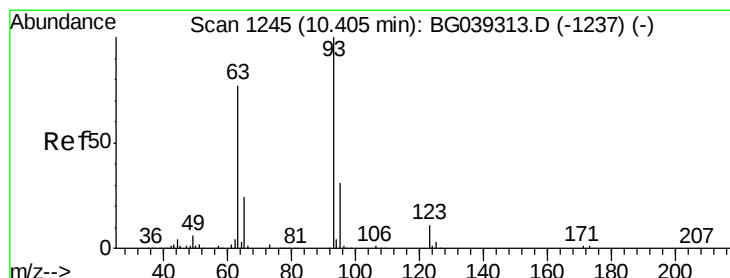
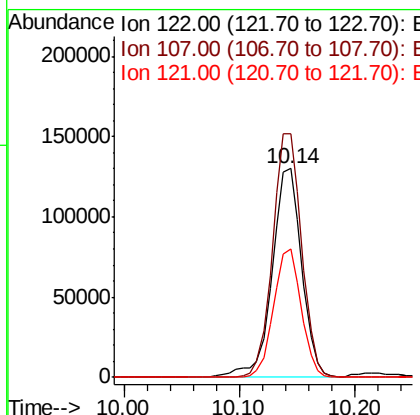
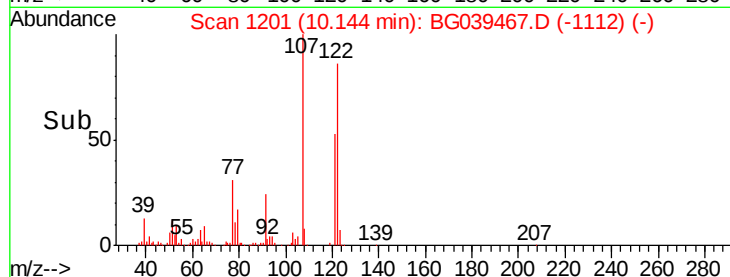
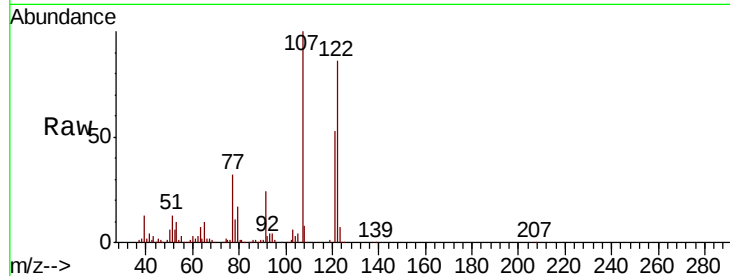
#27
2,4-Dimethylphenol
Concen: 57.397 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	116.6	91.7	137.5	
121	61.3	46.4	69.6	

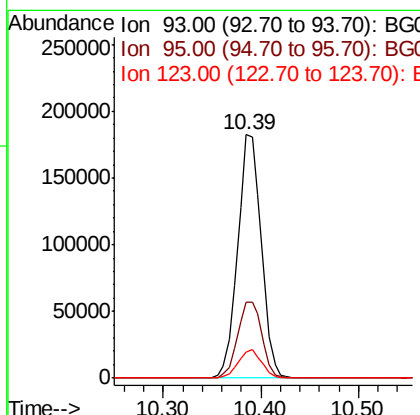
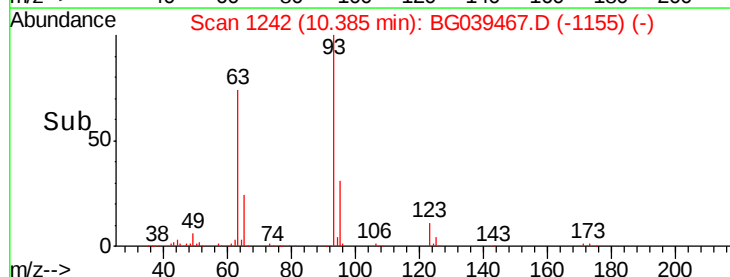
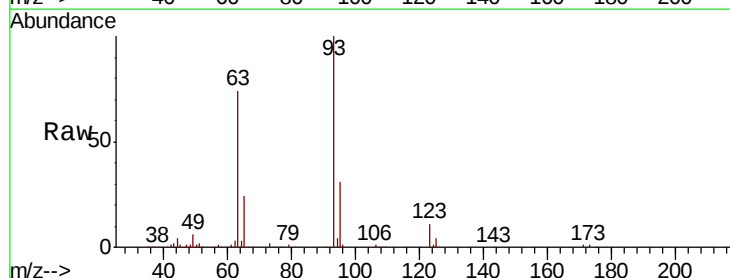
Manual Integrations
APPROVED

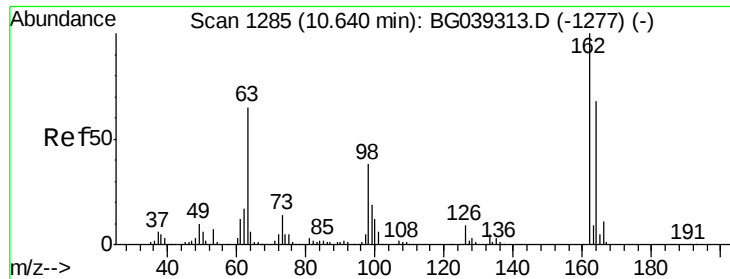
Sohil
2/13/2019 9:56:52 AM



#28
bis(2-Chloroethoxy)methane
Concen: 49.650 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.0	25.0	37.4	
123	10.7	8.6	12.8	





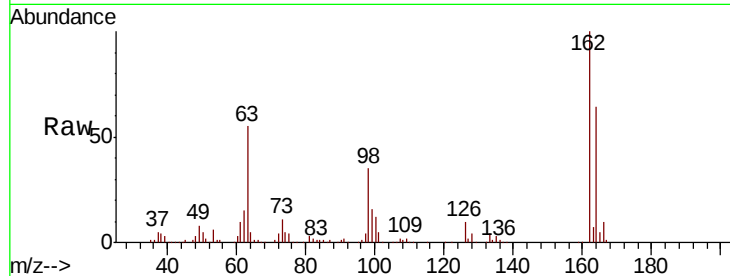
#29
2,4-Dichlorophenol
Concen: 56.422 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	48.1	88.1
98	34.9	18.1	58.1

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM

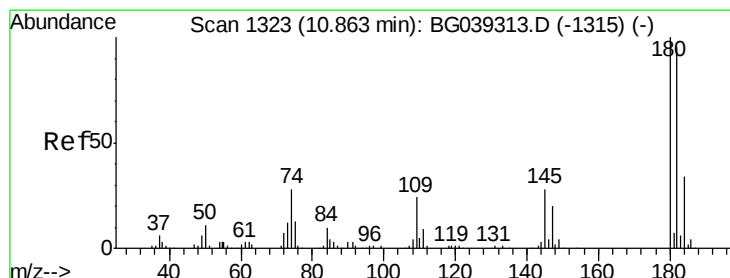
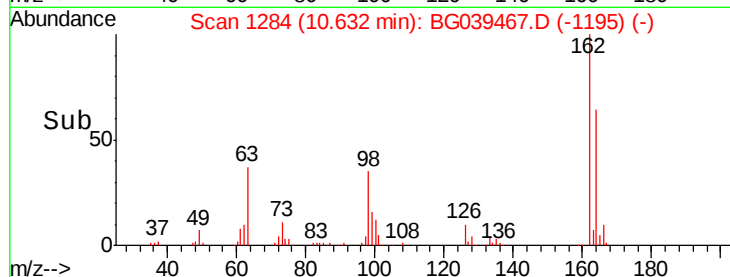
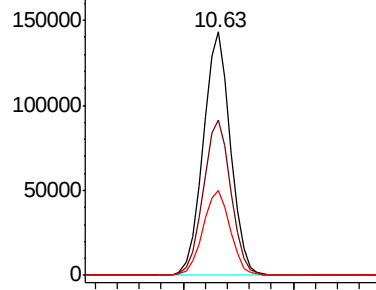


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 47.011 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

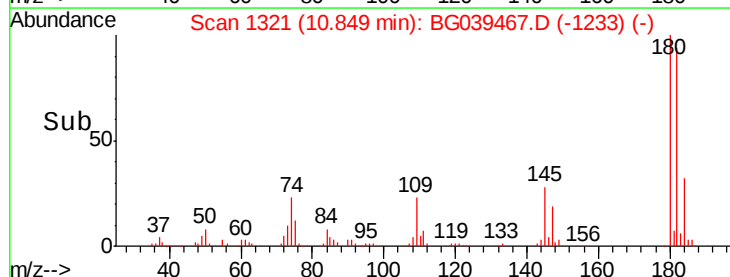
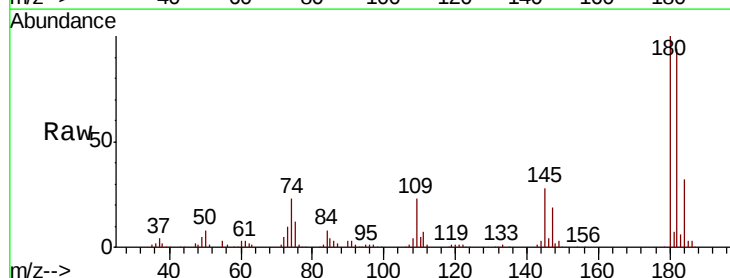
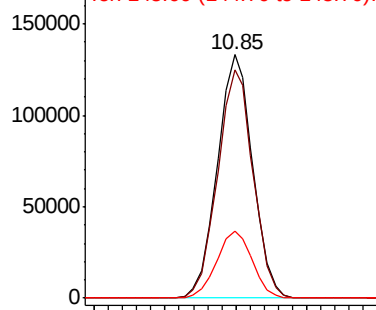
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	76.0	114.0
145	27.6	22.7	34.1

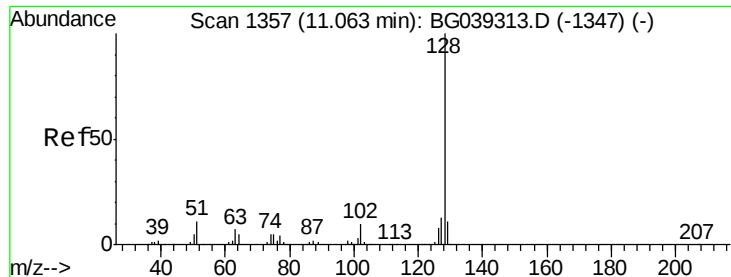
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





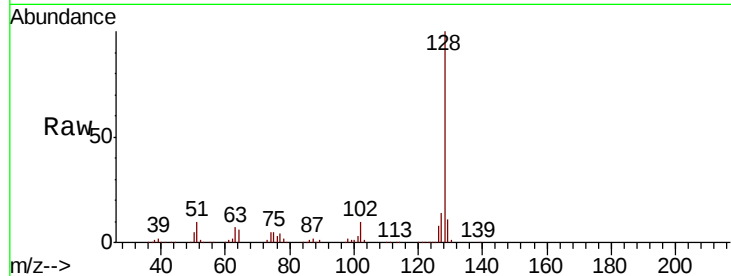
#31
Naphthalene
Concen: 48.395 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

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

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM

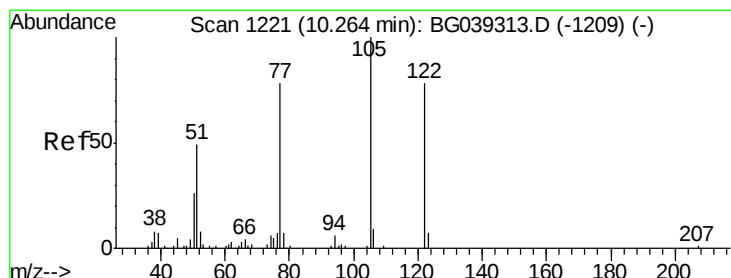
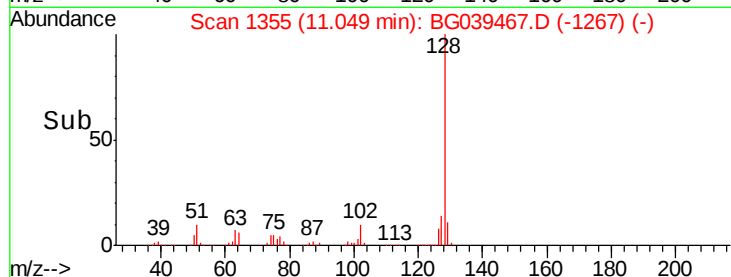
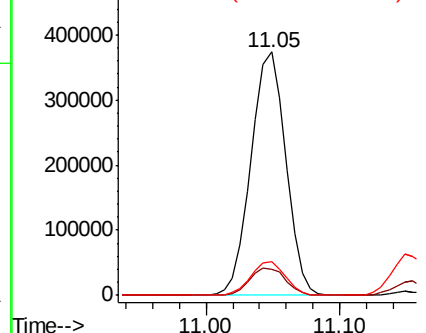


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 11.930 ng m
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

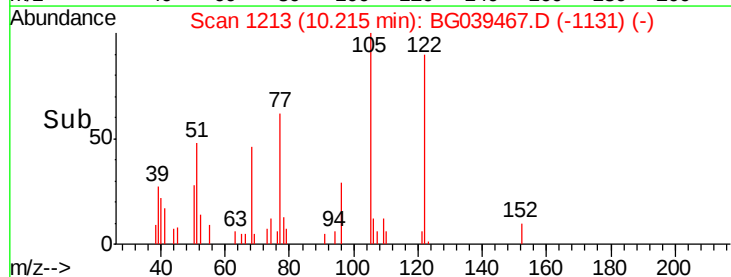
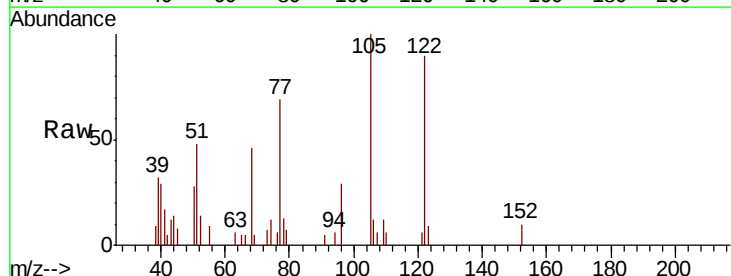
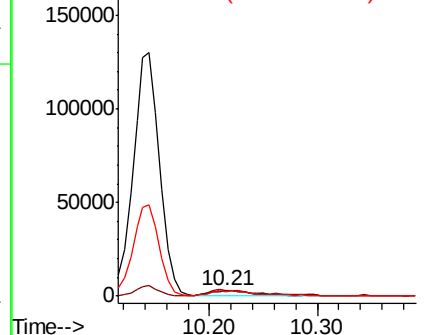
Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.2	101.8	141.8
77	76.8	76.3	116.3

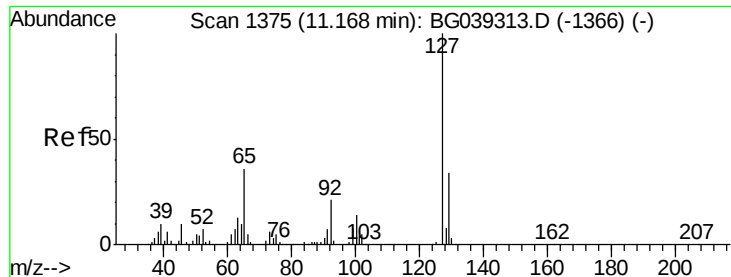
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





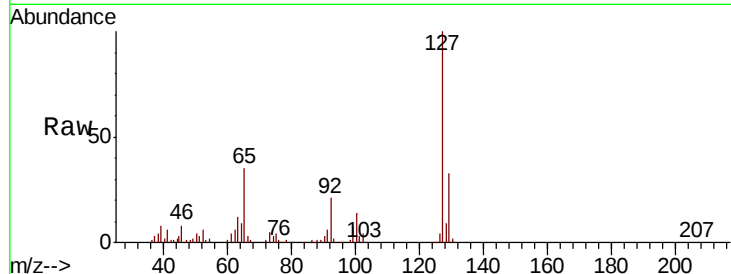
#33
4-Chloroaniline
Concen: 18.000 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	116298		
129	32.7		27.0	40.4
65	35.3		28.8	43.2
92	20.9		16.6	25.0

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



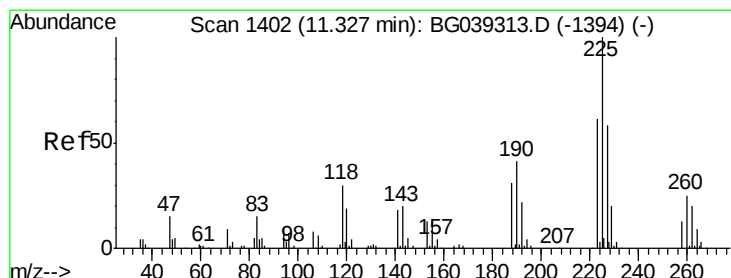
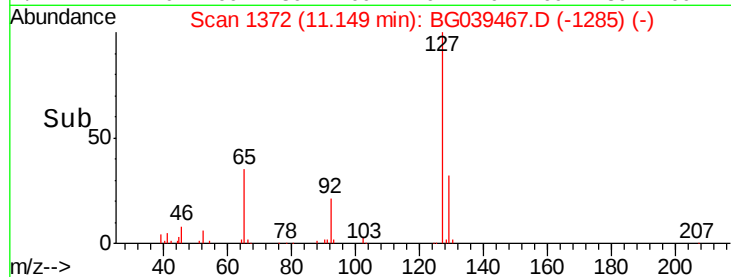
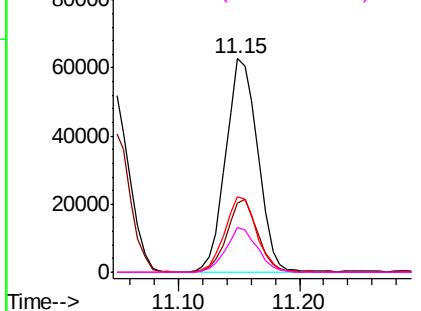
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

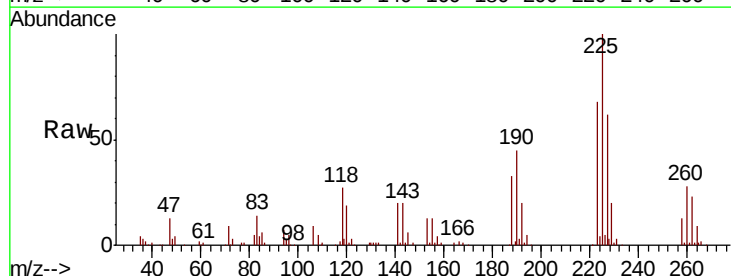
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.508 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143097		
223	67.8		49.0	73.6
227	62.1		46.3	69.5

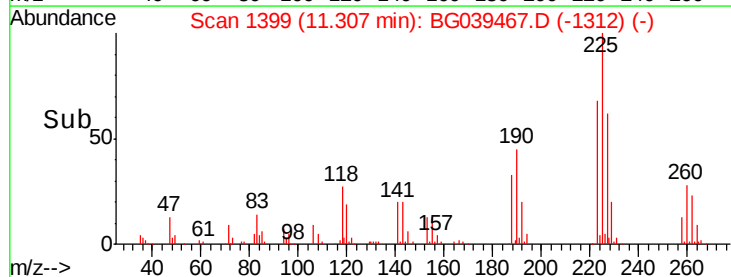
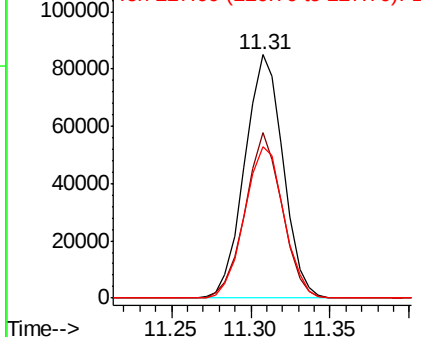


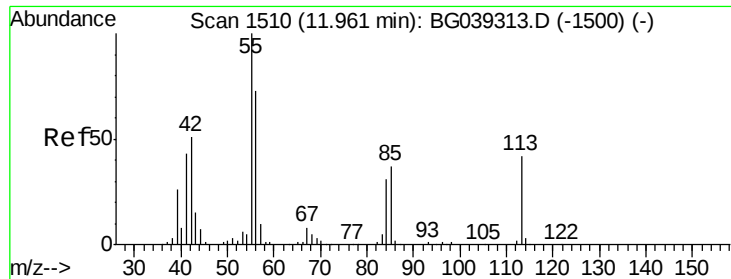
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.222 ng/ml

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

TP-2-DMSD

Tot Ion:113 Resp: 87902

Ion Ratio Lower Upper

113 100

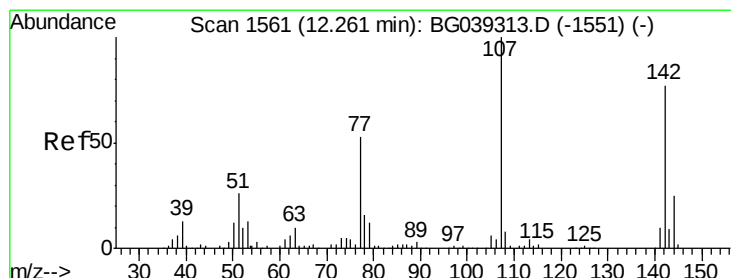
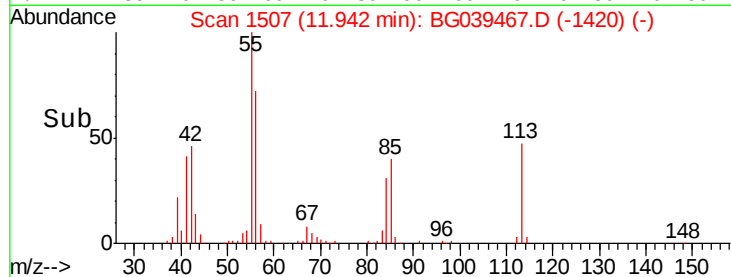
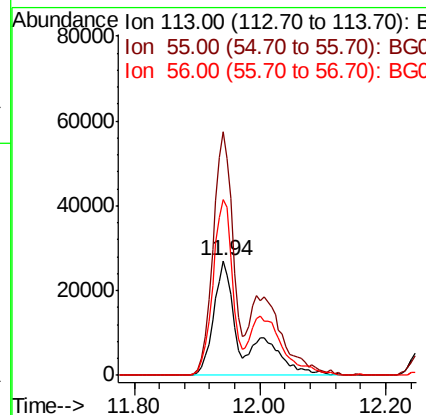
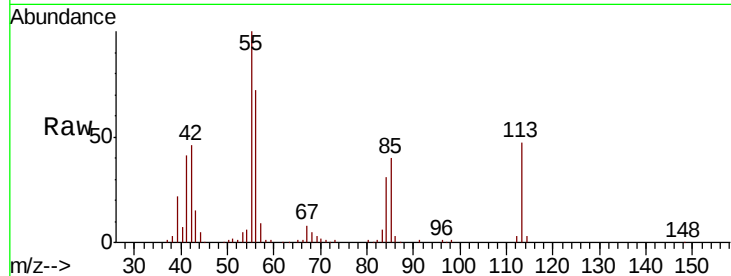
55 212.9 216.9 256.9#

56 153.6 152.6 192.6

Manual Integrations
APPROVED

Sohil

2/13/2019 9:56:52 AM



#36

4-Chloro-3-methylphenol

Concen: 53.412 ng/ml

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

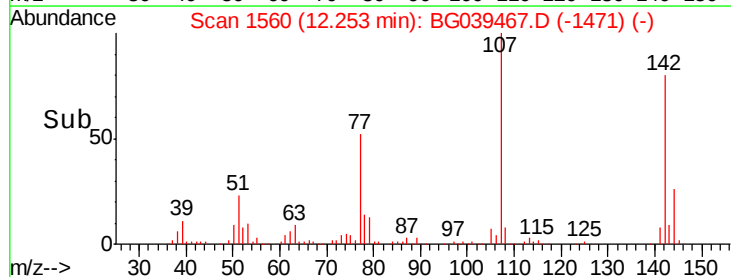
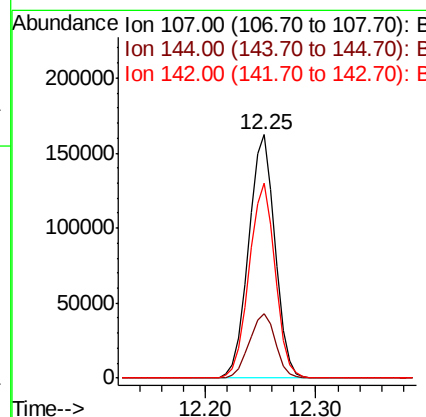
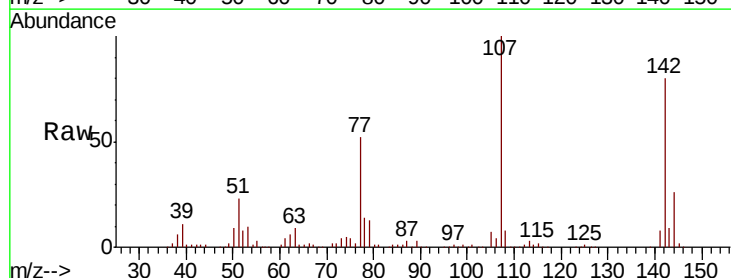
Tgt Ion:107 Resp: 272107

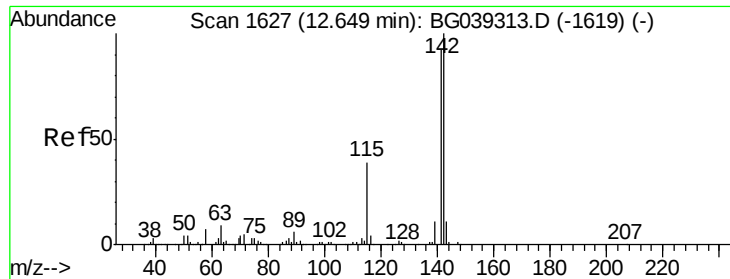
Ion Ratio Lower Upper

107 100

144 26.4 20.2 30.2

142 79.9 61.4 92.2





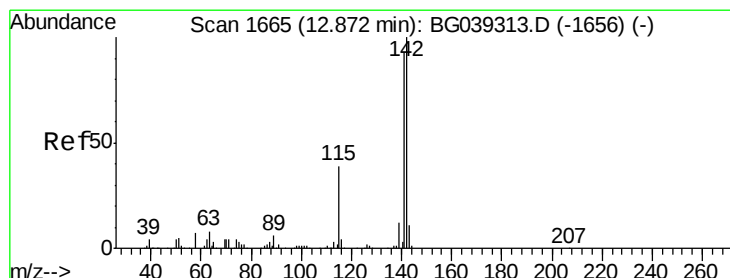
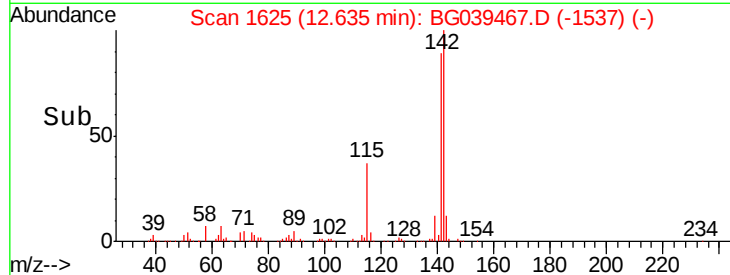
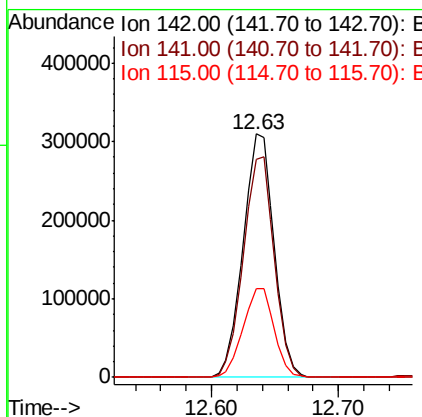
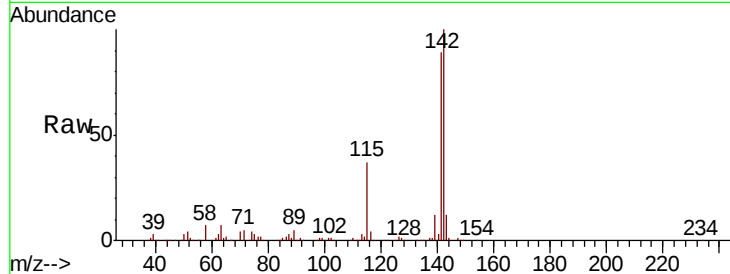
#37
 2-Methylnaphthalene
 Concen: 50.695 ng
 RT: 12.63 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-DMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.5	110.3
115	36.6	30.8	46.2

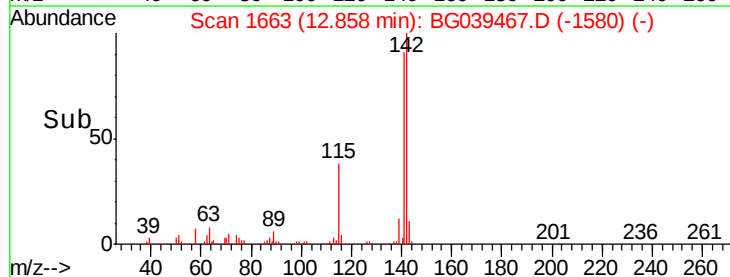
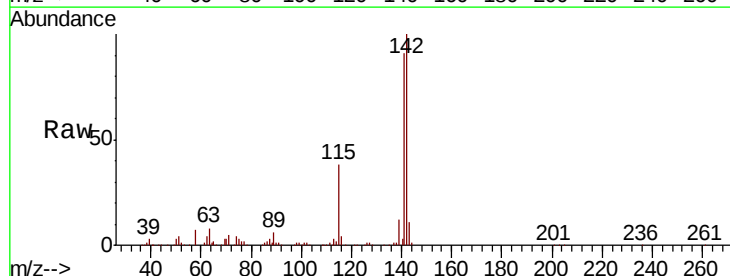
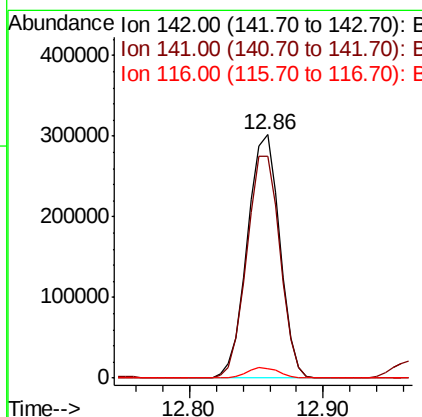
Manual Integrations
 APPROVED

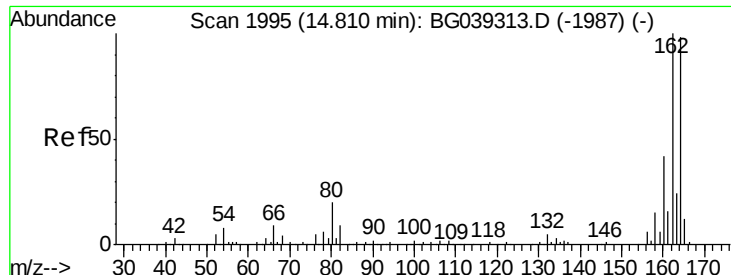
Sohil
 2/13/2019 9:56:52 AM



#38
 1-Methylnaphthalene
 Concen: 50.690 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.2	111.4
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

TP-2-DMSD

Tot Ion:164 Resp: 197669

Ion Ratio Lower Upper

164 100

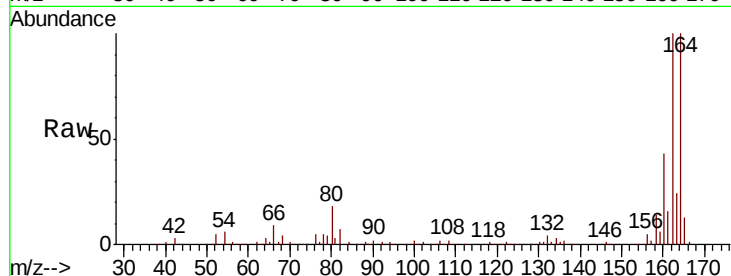
162 100.3 81.6 122.4

160 43.1 34.2 51.2

Manual Integrations
APPROVED

Sohil

2/13/2019 9:56:52 AM

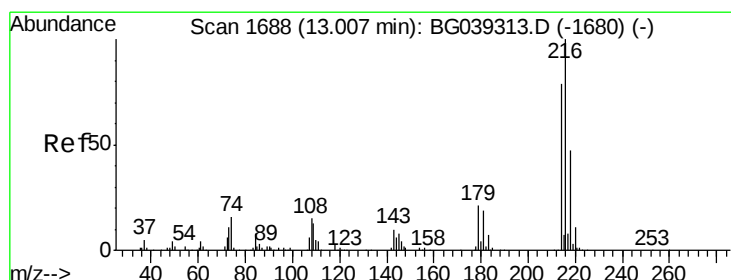
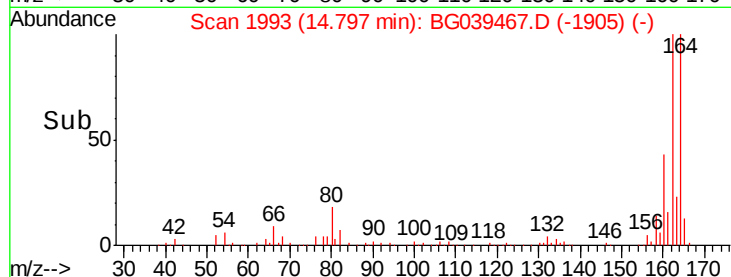
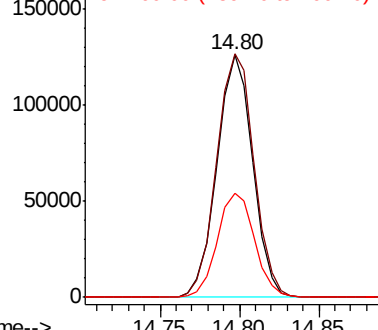


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.553 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:216 Resp: 292785

Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.7 16.6 25.0

108 17.5 14.0 21.0

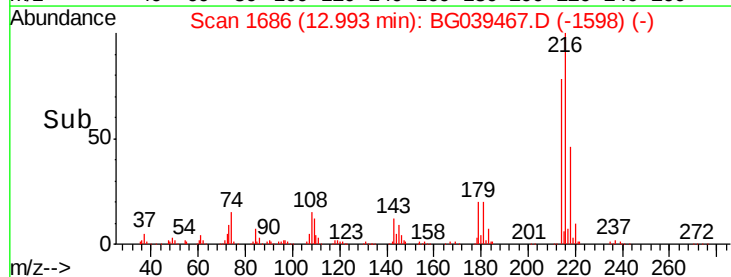
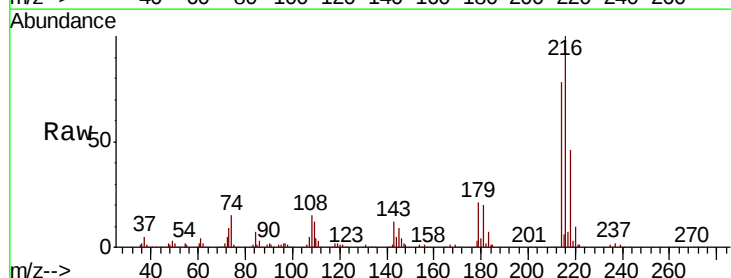
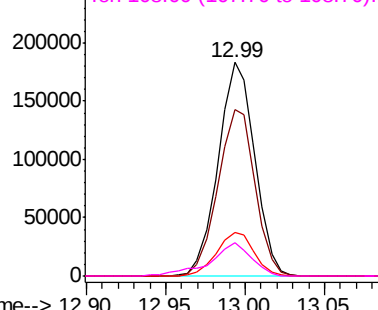
Abundance

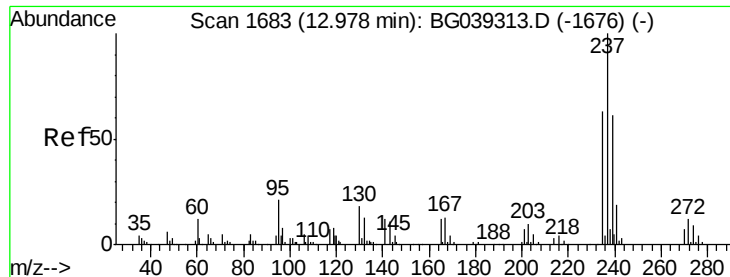
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.835 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

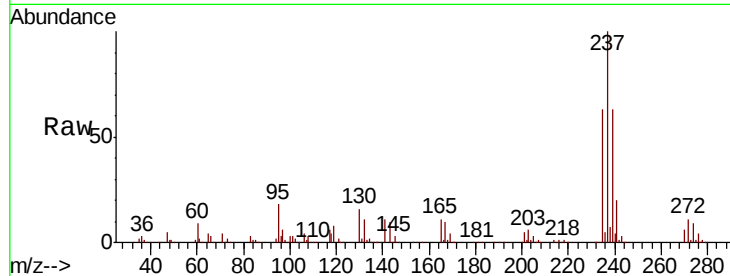
ClientSampleId :

TP-2-DMSD

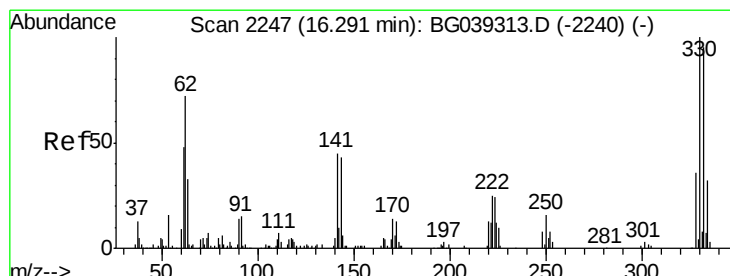
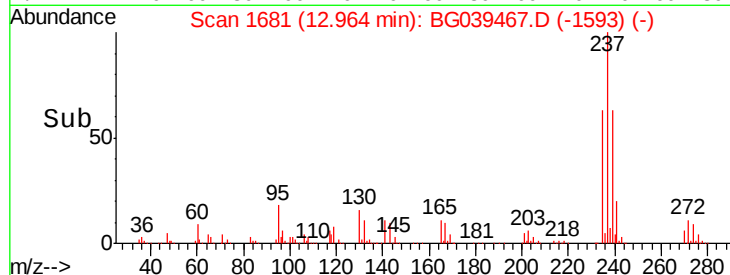
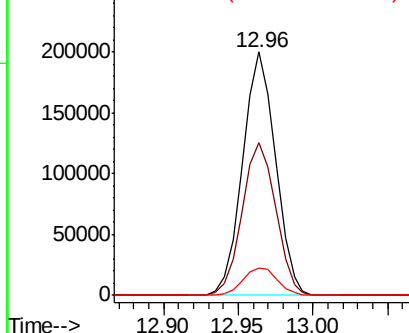
Tot Ion:	237	Resp:	304448
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.3	83.3
272	11.1	0.0	32.3

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



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: 155.748 ng

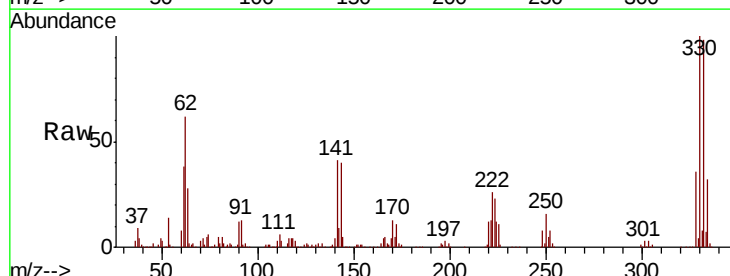
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

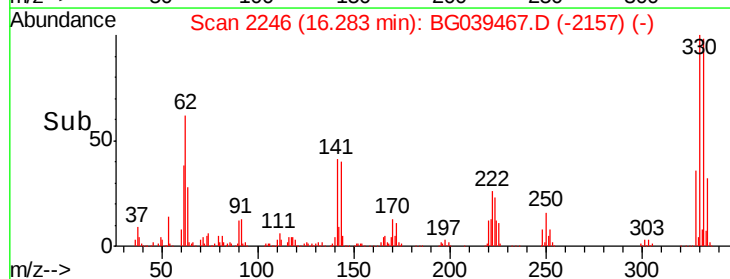
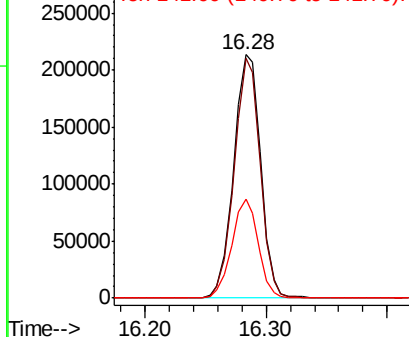
Lab File: BG039467.D

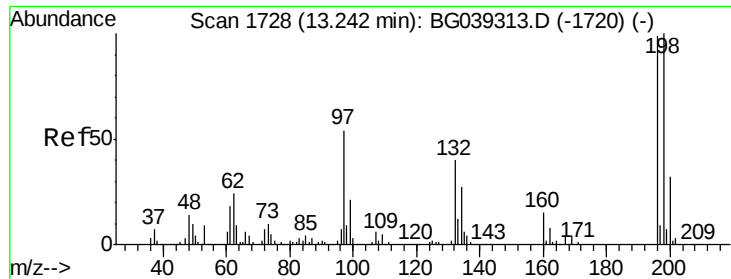
Acq: 12 Feb 2019 17:12

Tgt Ion:	330	Resp:	331519
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.7	113.5
141	39.7	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





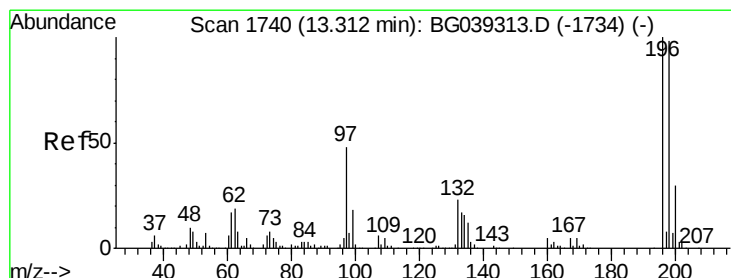
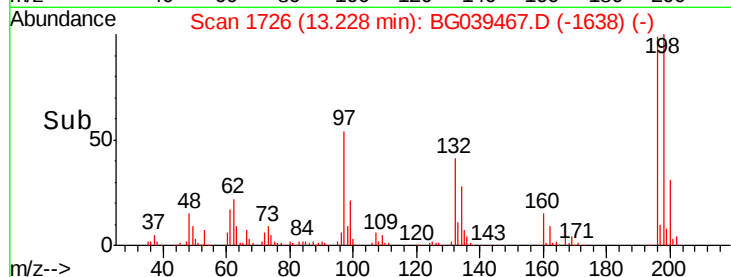
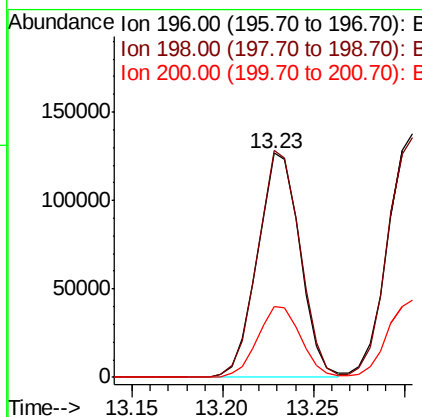
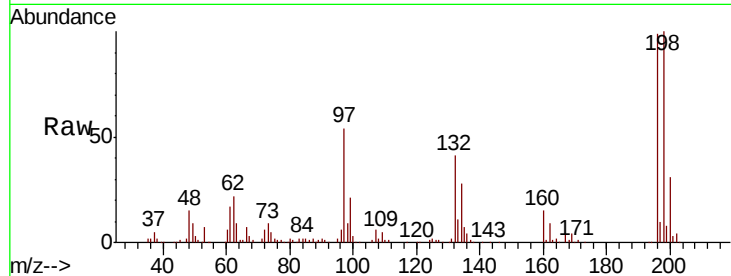
#43
 2,4,6-Trichlorophenol
 Concen: 53.382 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_G
 ClientSampled :
 TP-2-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	206427		
198	101.5	80.6	121.0	
200	31.6	26.1	39.1	

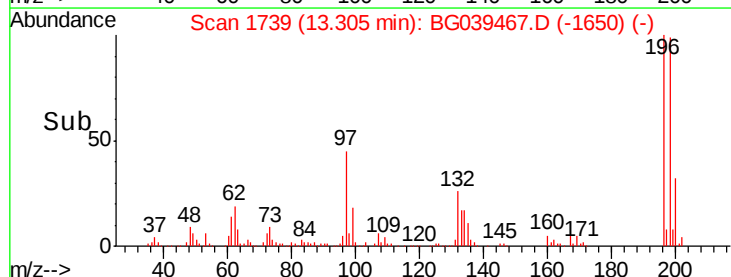
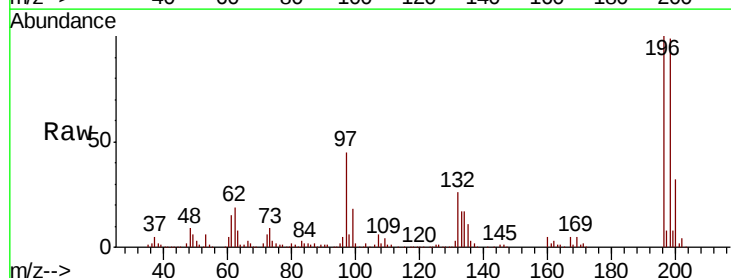
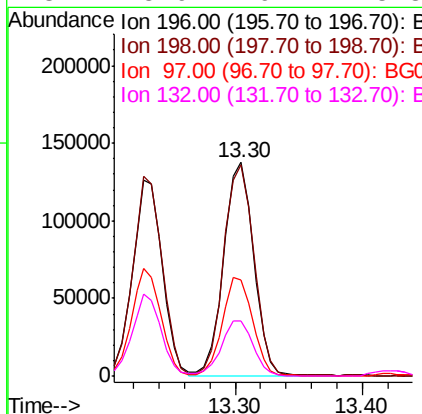
Manual Integrations
 APPROVED

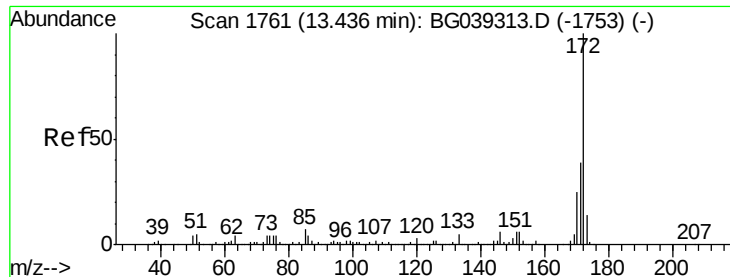
Sohil
 2/13/2019 9:56:52 AM



#44
 2,4,5-Trichlorophenol
 Concen: 55.703 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225758		
198	98.7	78.5	117.7	
97	45.1	38.4	57.6	
132	25.9	19.2	28.8	





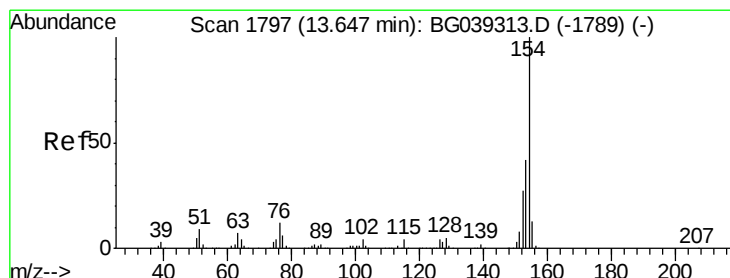
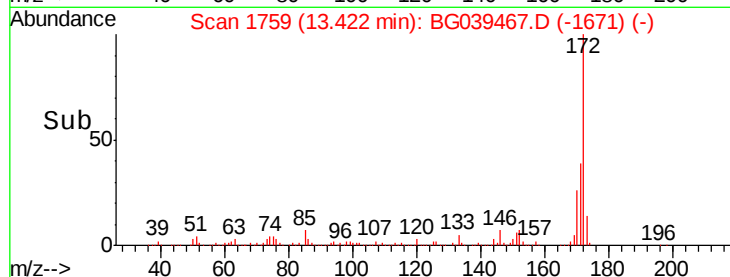
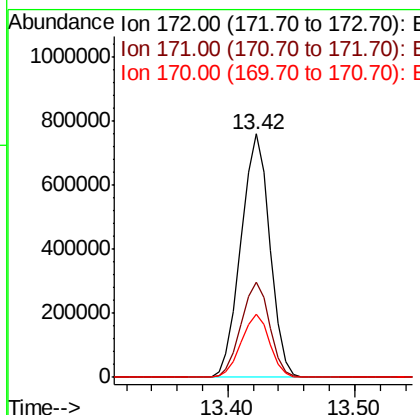
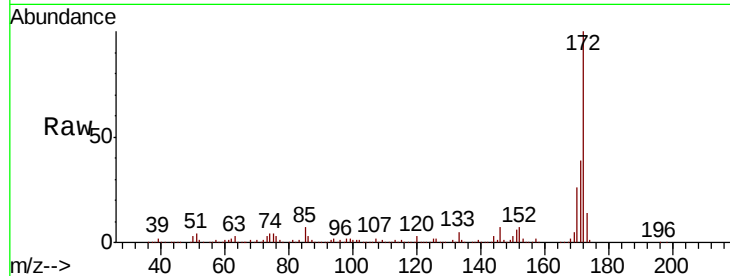
#45
2-Fluorobiphenyl
Concen: 86.743 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.8	46.2
170	25.9	20.2	30.4

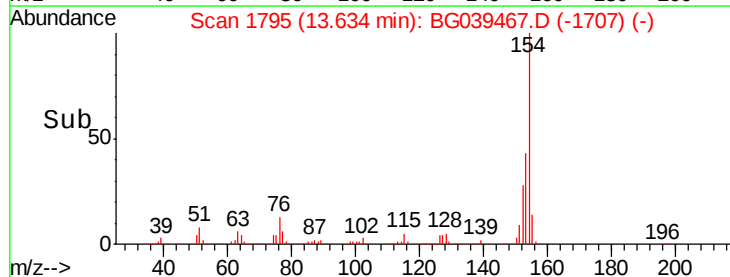
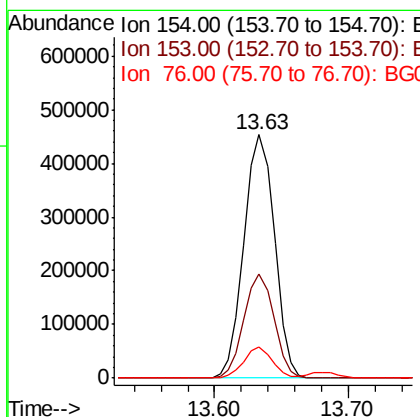
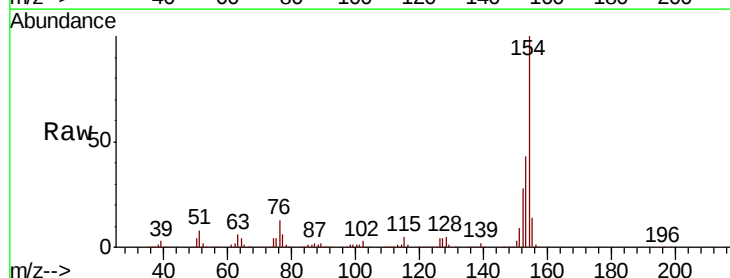
Manual Integrations
APPROVED

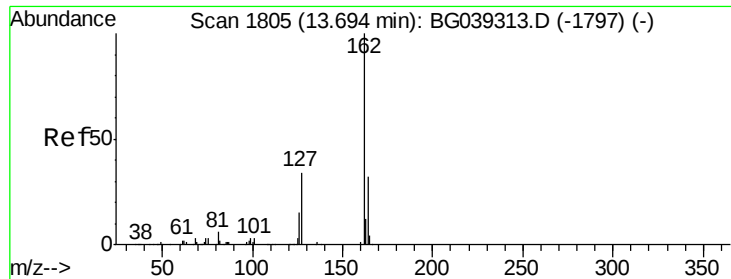
Sohil
2/13/2019 9:56:52 AM



#46
1,1'-Biphenyl
Concen: 43.655 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.1	62.1
76	12.6	0.0	32.4





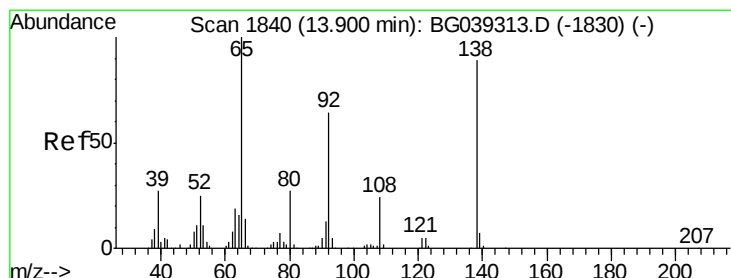
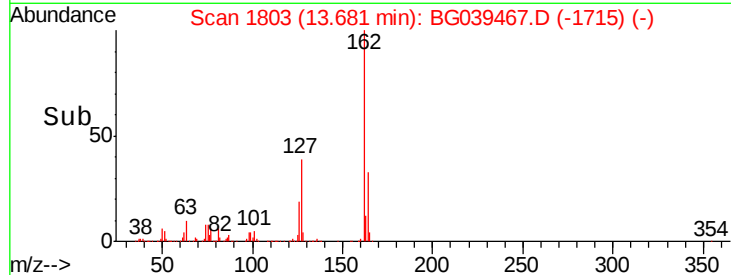
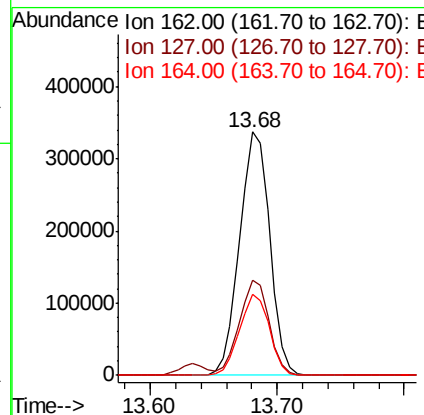
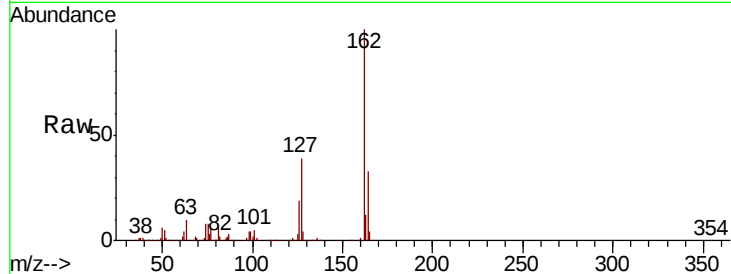
#47
2-Chloronaphthalene
Concen: 44.747 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.3	31.0	46.6
164	33.3	25.7	38.5

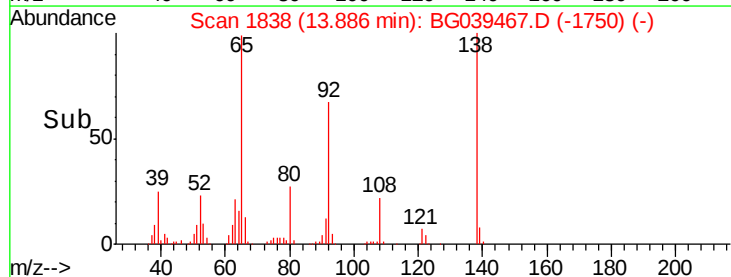
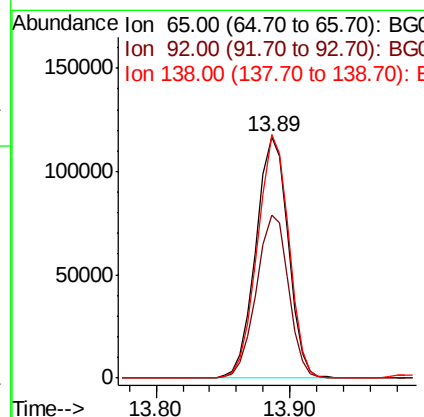
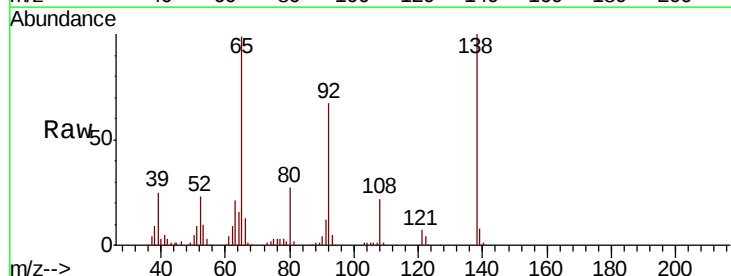
Manual Integrations
APPROVED

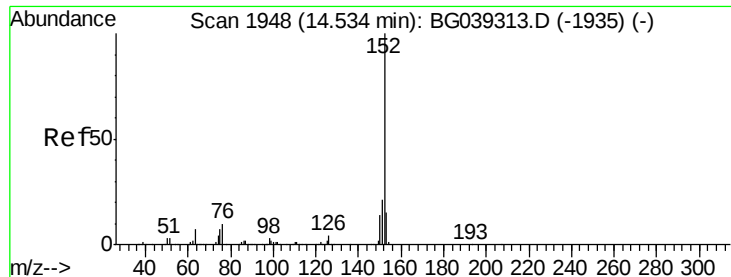
Sohil
2/13/2019 9:56:52 AM



#48
2-Nitroaniline
Concen: 53.599 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	67.5	51.4	77.2
138	100.9	71.4	107.2





#49

Acenaphthylene

Concen: 47.853 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

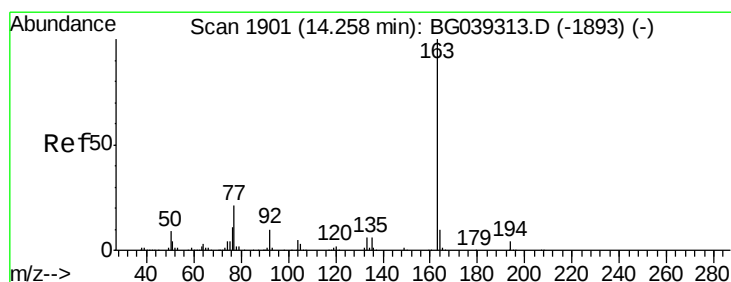
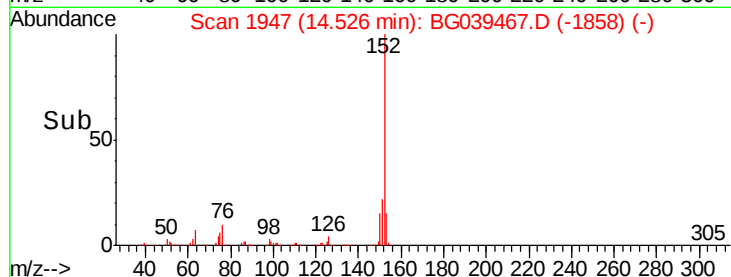
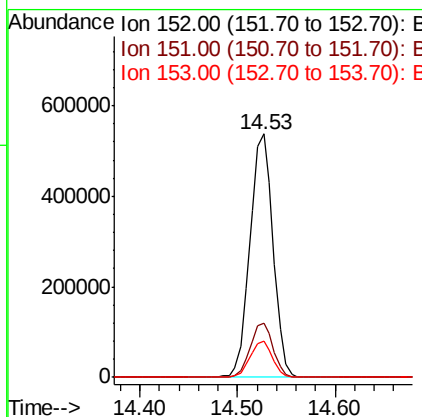
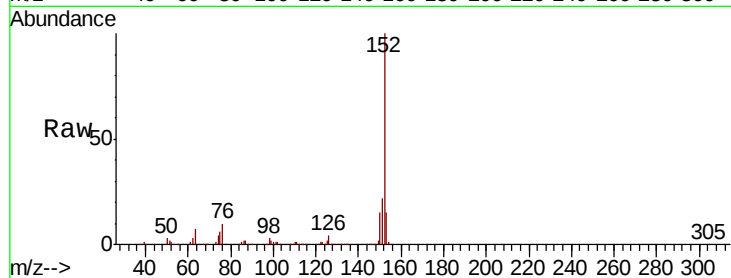
ClientSampleId :

TP-2-DMSD

Tot Ion:	152	Resp:	893374
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.8	25.2
153	15.1	11.7	17.5

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#50

Dimethylphthalate

Concen: 52.289 ng

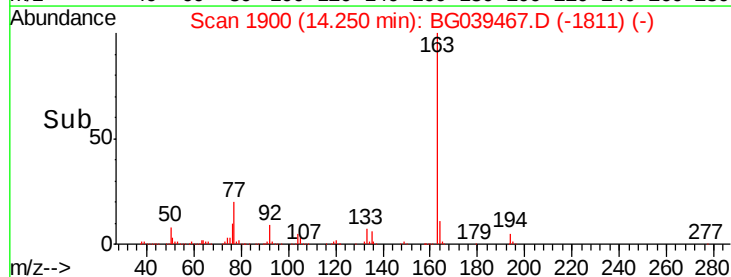
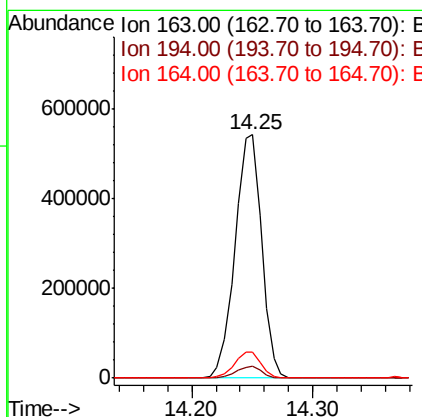
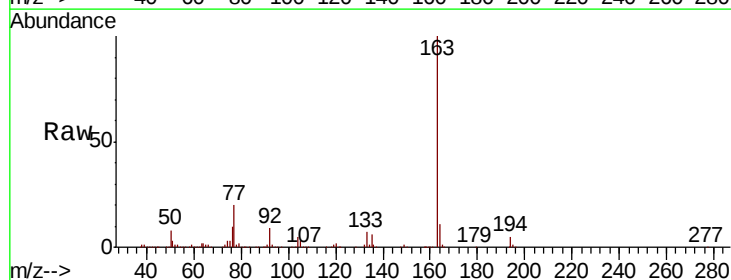
RT: 14.25 min Scan# 1900

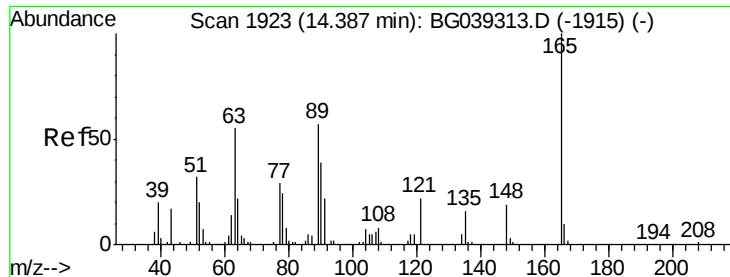
Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	163	Resp:	834774
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.6	5.4
164	10.8	8.4	12.6





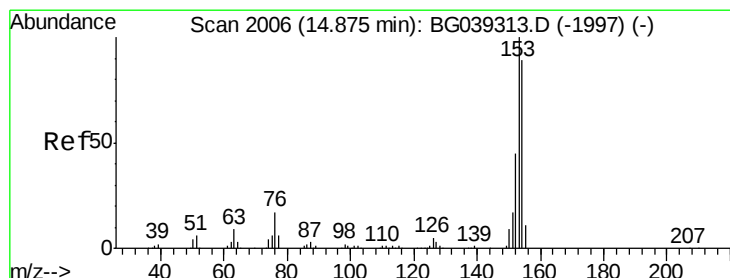
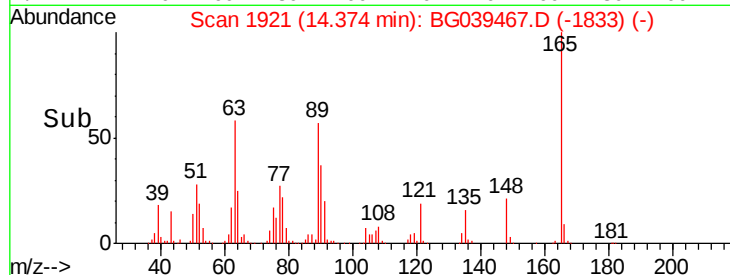
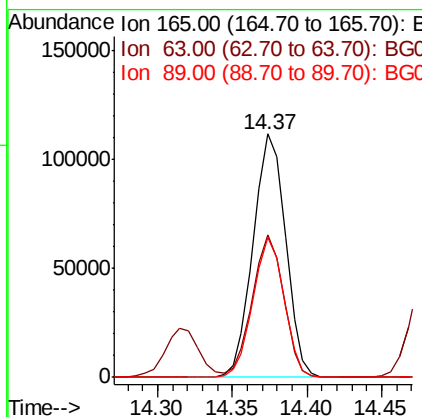
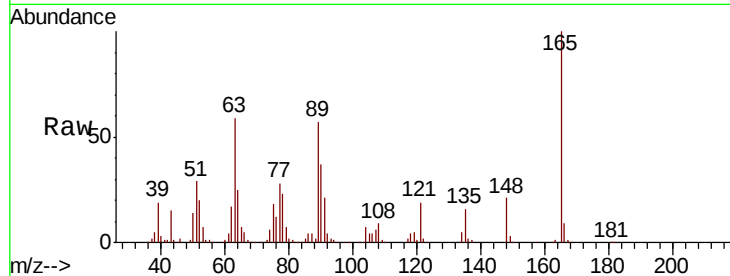
#51
2,6-Dinitrotoluene
Concen: 55.052 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampled :
TP-2-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	167588		
63	58.6	47.0	70.6	
89	57.3	45.8	68.8	

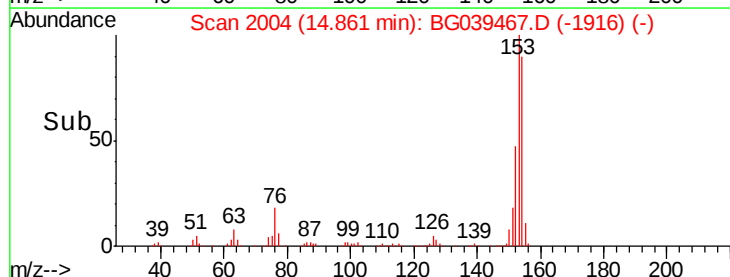
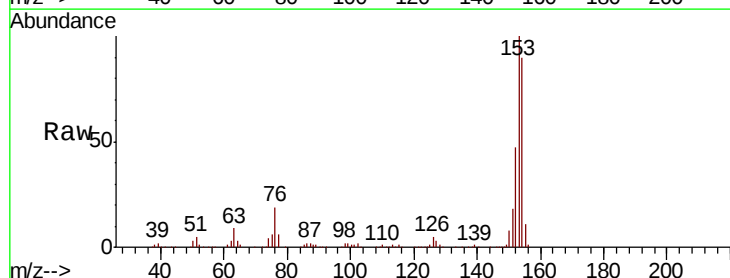
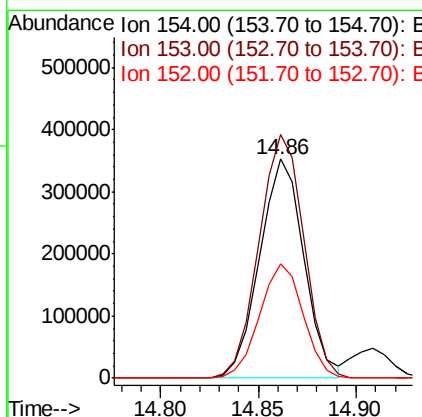
Manual Integrations
APPROVED

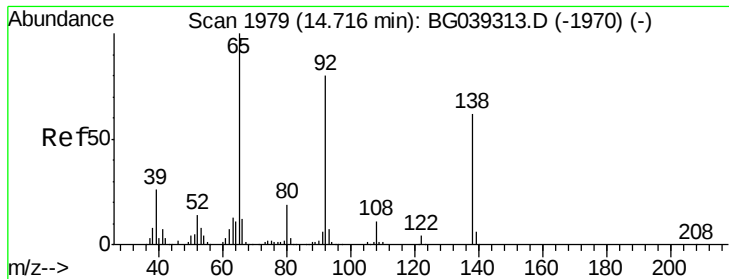
Sohil
2/13/2019 9:56:52 AM



#52
Acenaphthene
Concen: 45.649 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	553189		
153	111.3	90.1	135.1	
152	52.1	40.9	61.3	





#53

3-Nitroaniline

Concen: 31.546 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

TP-2-DMSD

Tot Ion:138 Resp: 94291

Ion Ratio Lower Upper

138 100

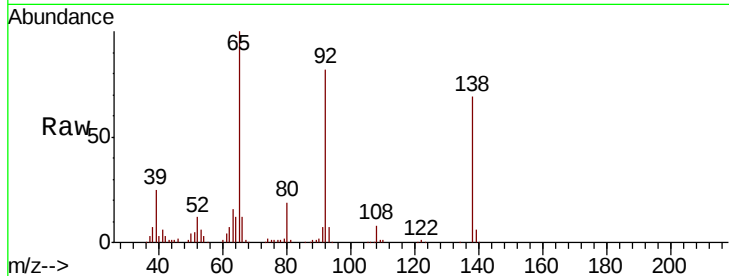
108 10.9 13.8 20.8#

92 119.0 103.7 155.5

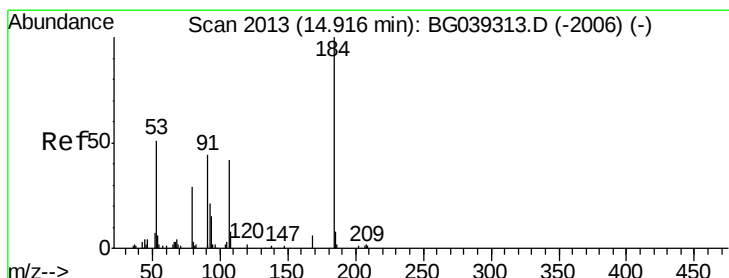
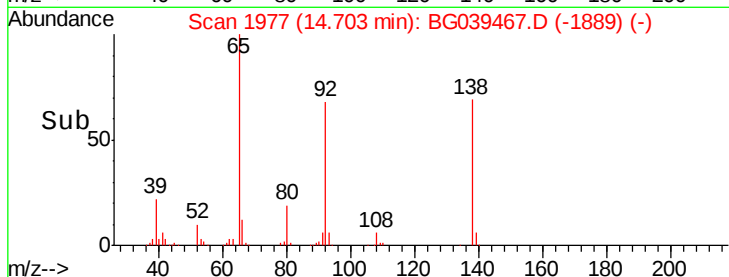
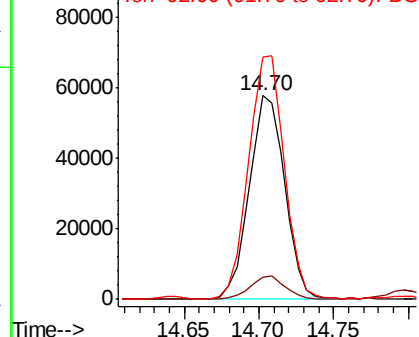
Manual Integrations
APPROVED

Sohil

2/13/2019 9:56:52 AM



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



#54

2,4-Dinitrophenol

Concen: 84.345 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

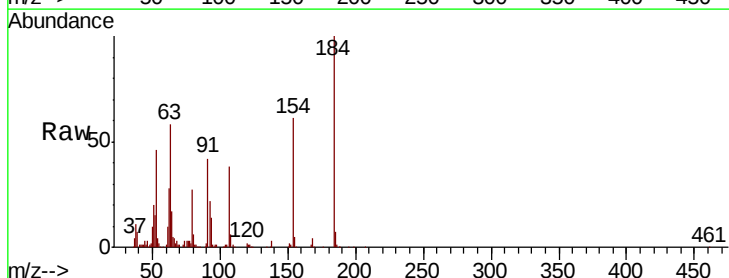
Tgt Ion:184 Resp: 114283

Ion Ratio Lower Upper

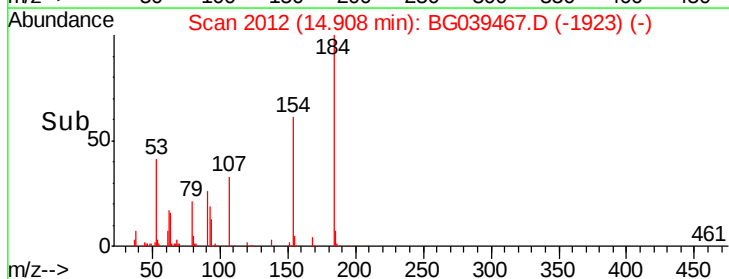
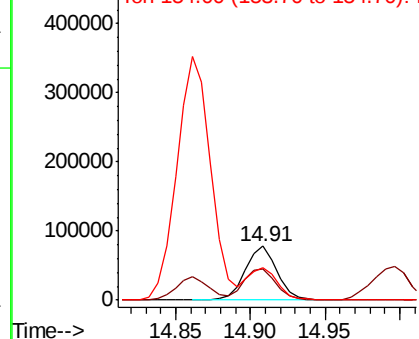
184 100

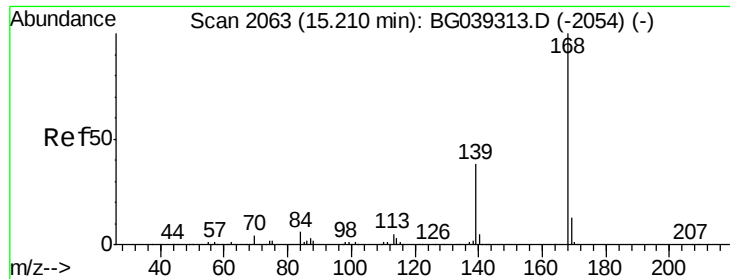
63 58.0 50.9 76.3

154 60.8 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





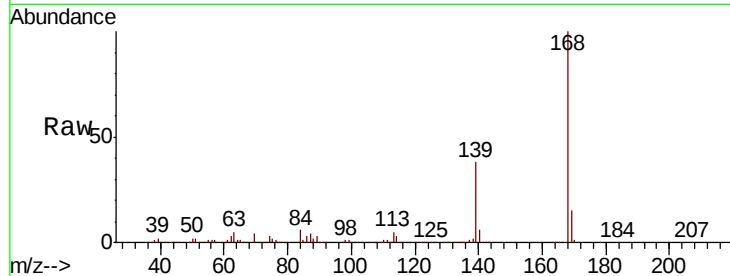
#55
Dibenzenofuran
Concen: 44.866 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	14.9	10.6	16.0

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM

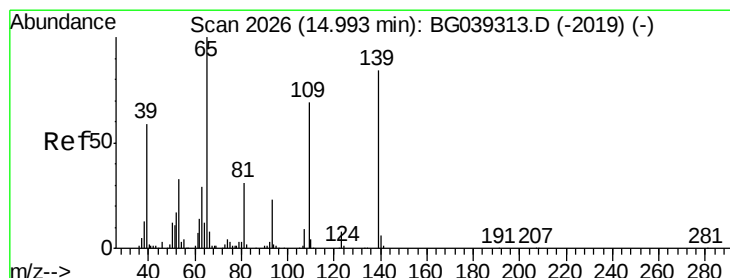
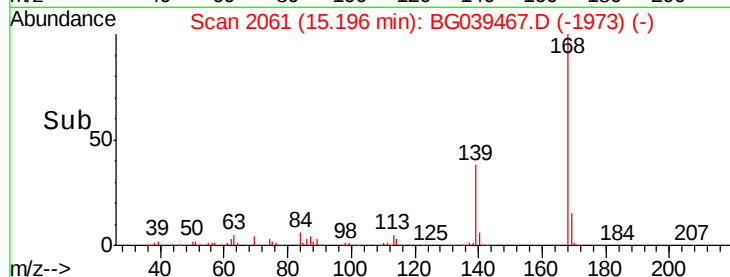
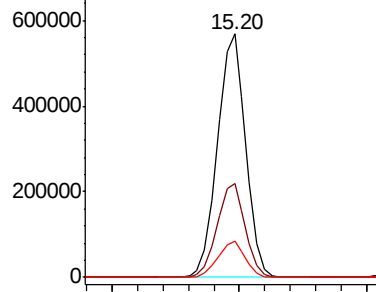


Abundance

Ion 168.00 (167.70 to 168.70): E

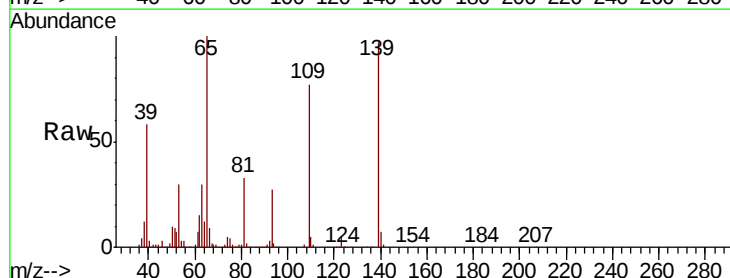
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 91.504 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.2	61.9	101.9
65	102.7	99.1	139.1

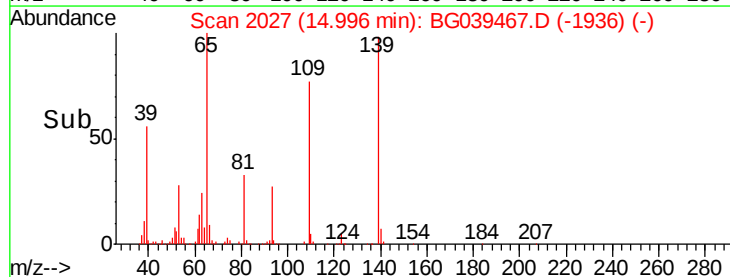
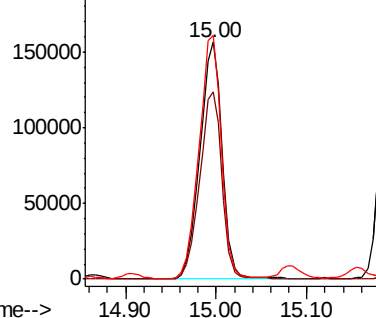


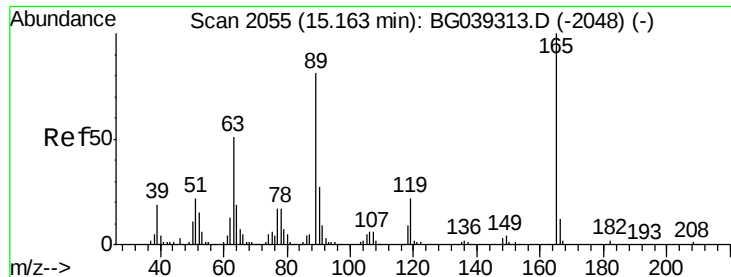
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 58.701 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

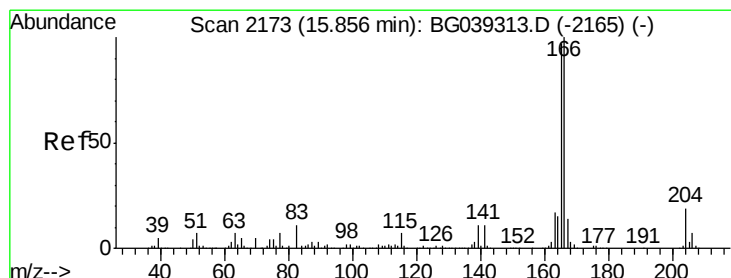
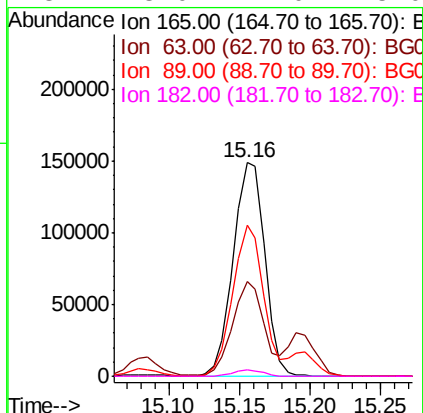
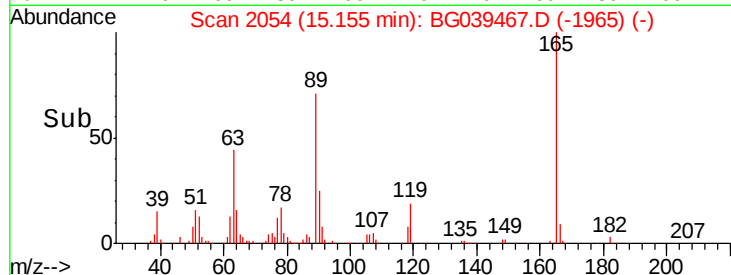
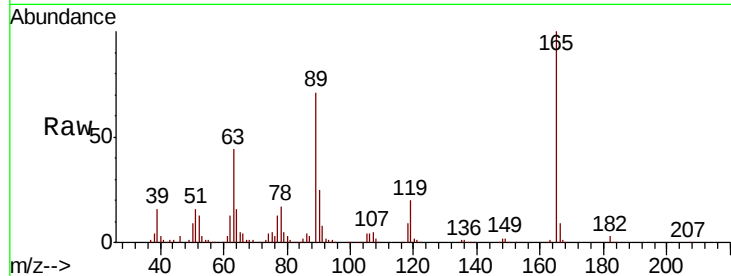
ClientSampleId :

TP-2-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	44.4		41.0	61.6	
89	70.9		64.6	96.8	
182	3.0		2.0	3.0	

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#58

Fluorene

Concen: 47.404 ng

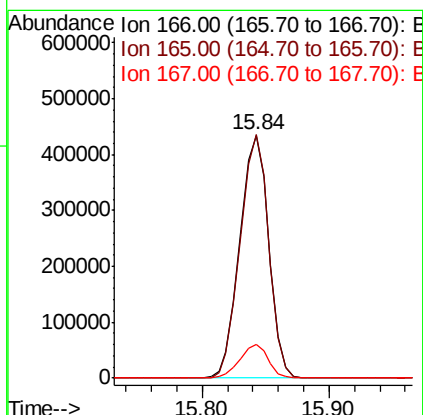
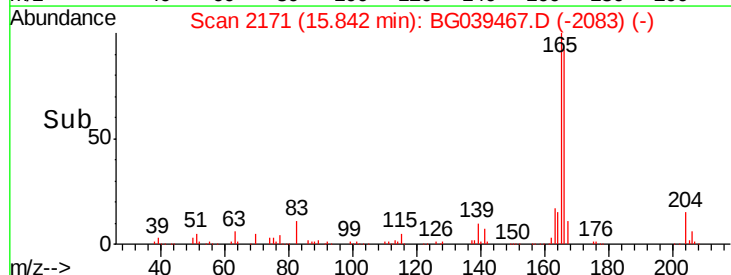
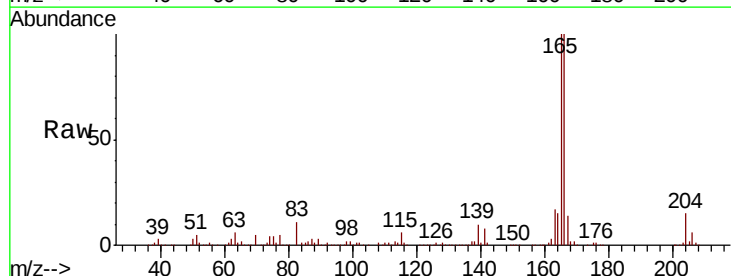
RT: 15.84 min Scan# 2171

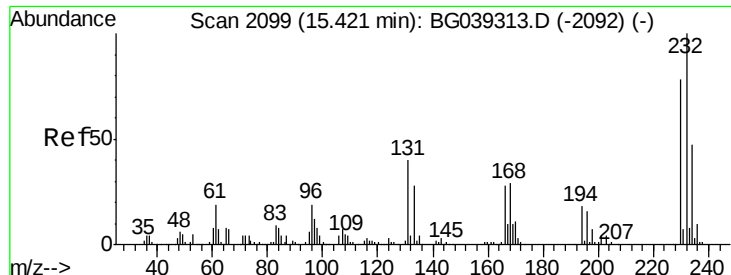
Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.4		77.9	116.9	
167	14.0		10.8	16.2	





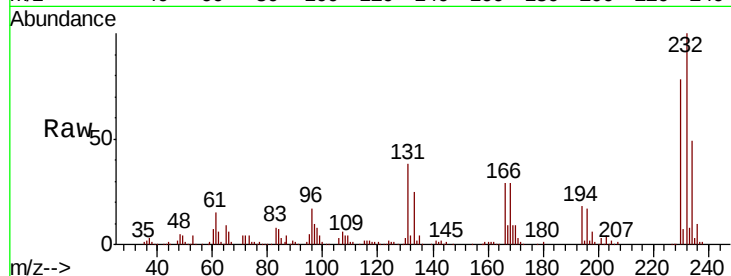
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.581 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-DMSD

Tot Ion:	232	Resp:	218507
Ion Ratio	Lower	Upper	
232	100		
131	40.2	34.9	52.3
130	2.5	2.0	3.0
166	29.0	24.1	36.1

Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:52 AM



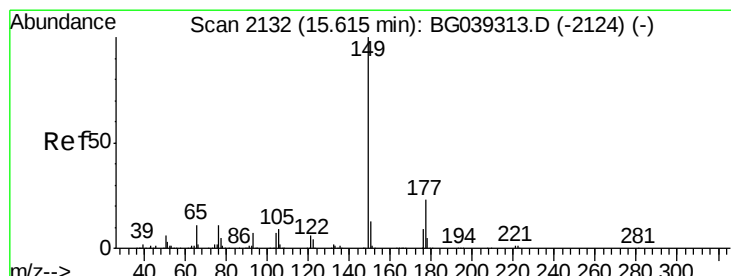
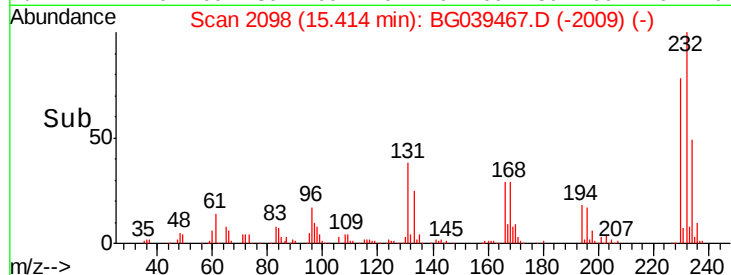
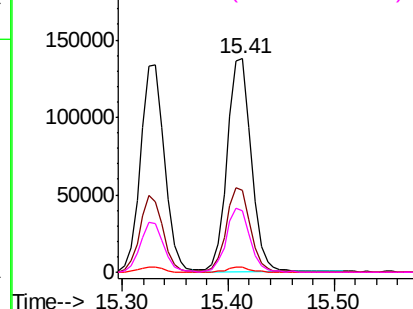
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

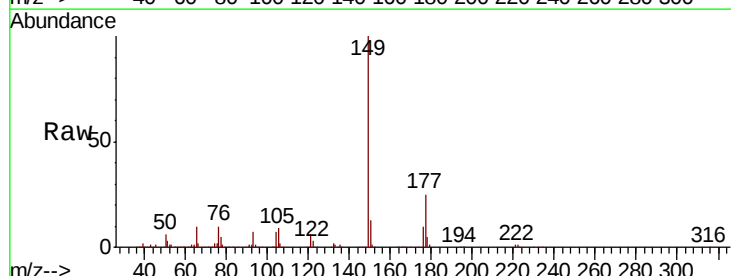
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.758 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:	149	Resp:	738784
Ion Ratio	Lower	Upper	
149	100		
177	25.0	18.3	27.5
150	13.3	10.2	15.2

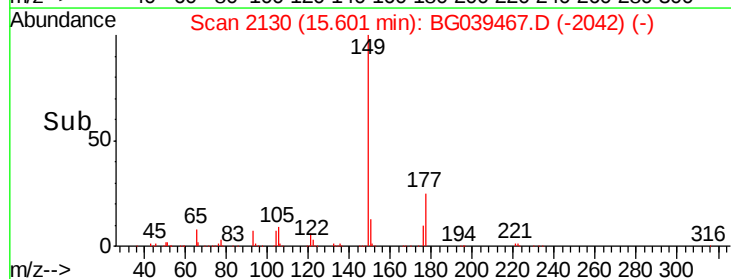
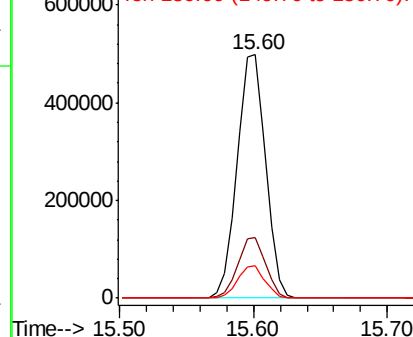


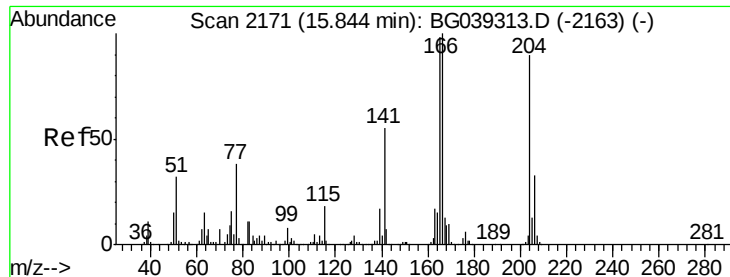
Abundance

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





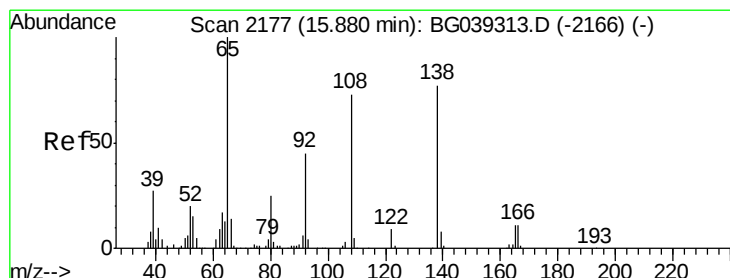
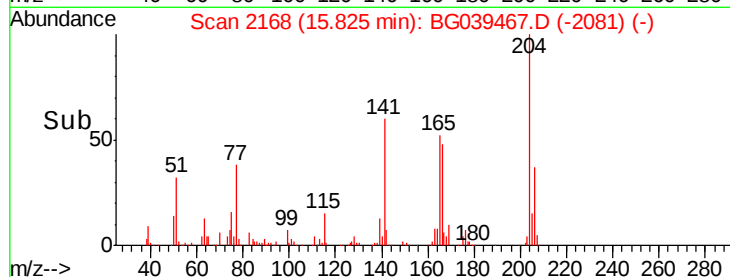
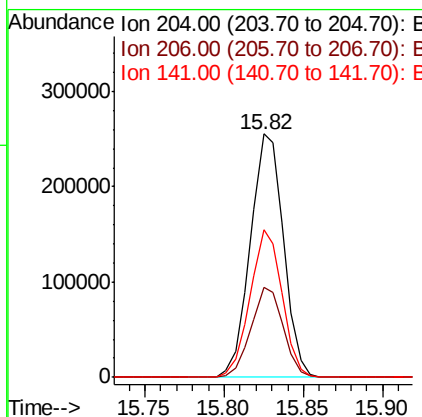
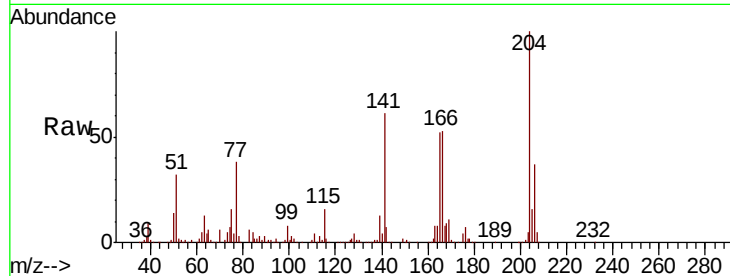
#61
 4-Chlorophenyl-phenylether
 Concen: 45.292 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_G
 ClientSampled :
 TP-2-DMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.8	29.2	43.8
141	60.7	49.0	73.4

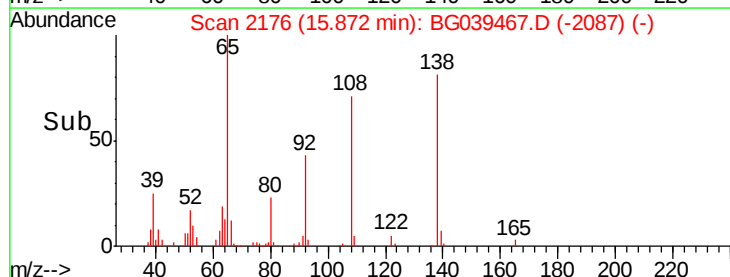
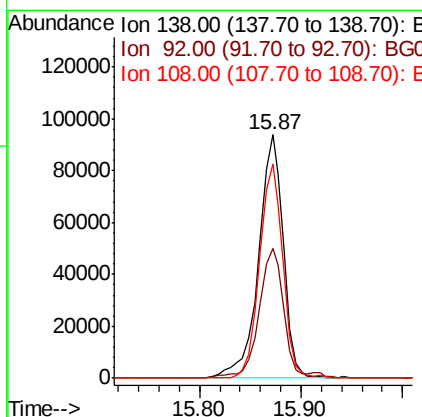
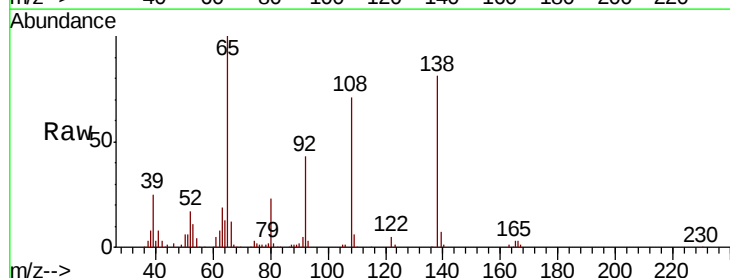
Manual Integrations
 APPROVED

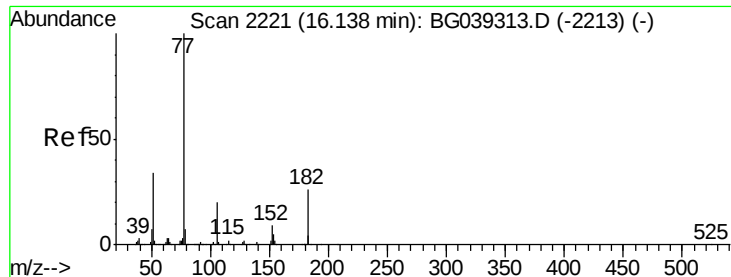
Sohil
 2/13/2019 9:56:52 AM



#62
 4-Nitroaniline
 Concen: 47.660 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.4	38.7	78.7
108	87.8	74.6	114.6





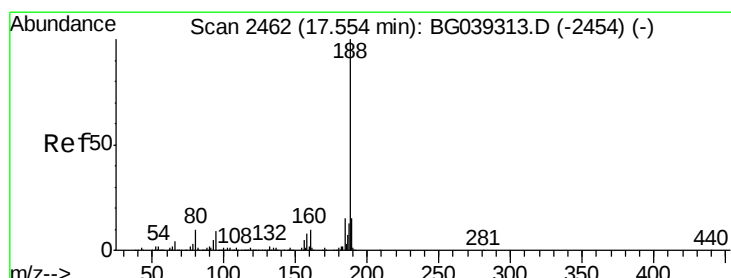
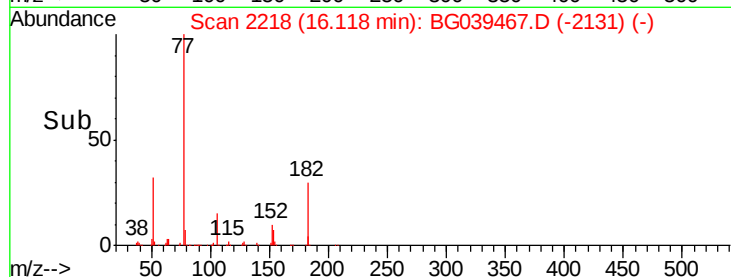
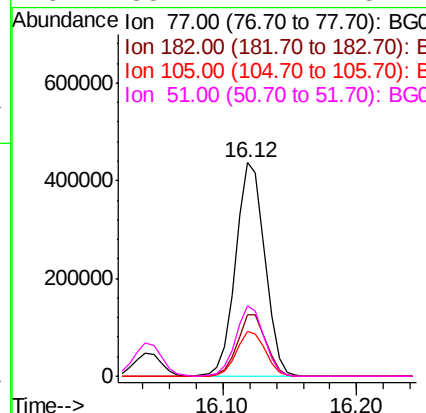
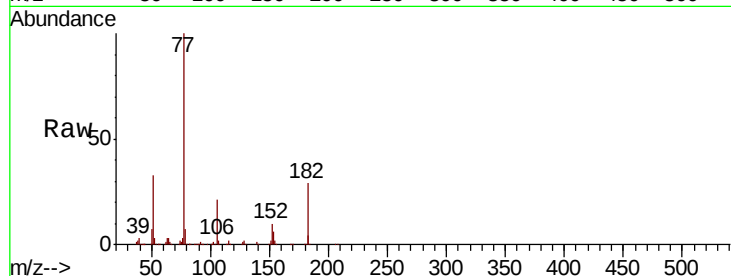
#63
Azobenzene
Concen: 41.238 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		665308		
182	29.1	6.4	46.4		
105	21.0	0.0	39.8		
51	33.2	14.1	54.1		

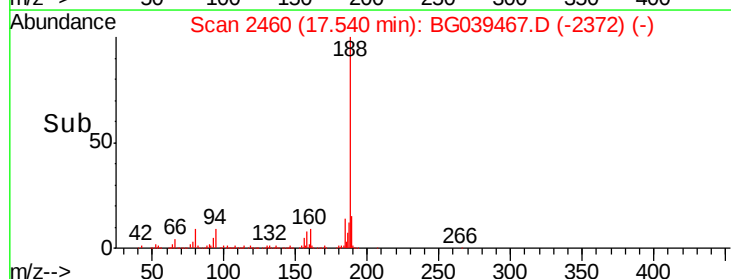
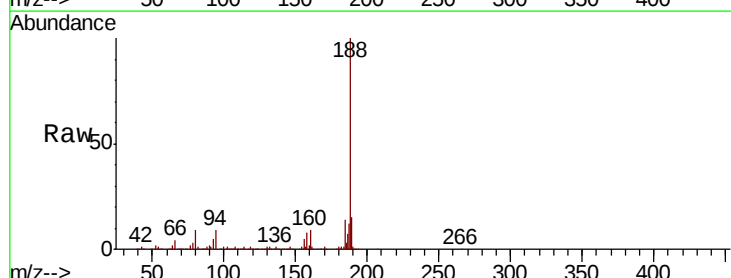
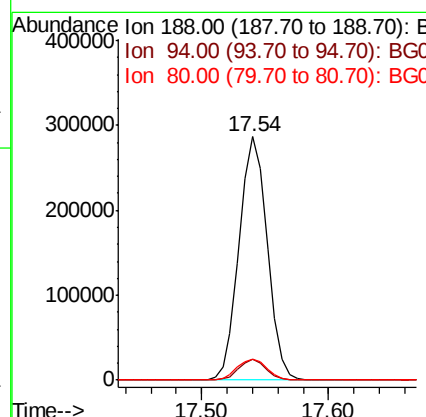
Manual Integrations
APPROVED

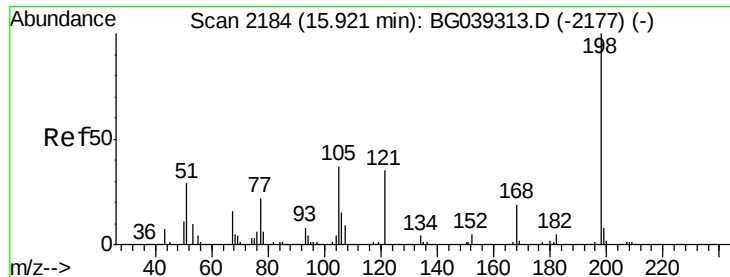
Sohil
2/13/2019 9:56:52 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		439364		
94	8.5	6.9	10.3		
80	8.8	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 62.800 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

TP-2-DMSD

Tot Ion:198 Resp: 121919

Ion Ratio Lower Upper

198 100

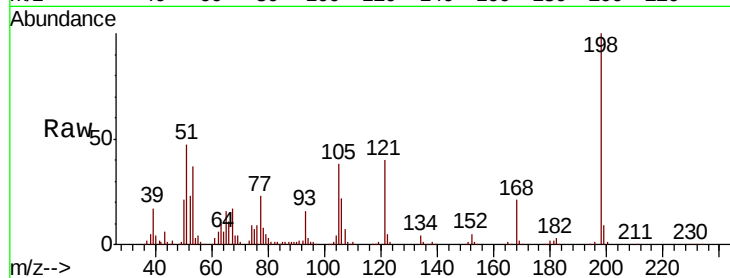
51 46.8 27.4 67.4

105 38.5 19.7 59.7

Manual Integrations
APPROVED

Sohil

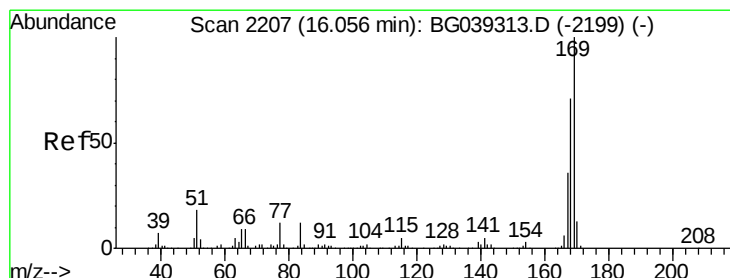
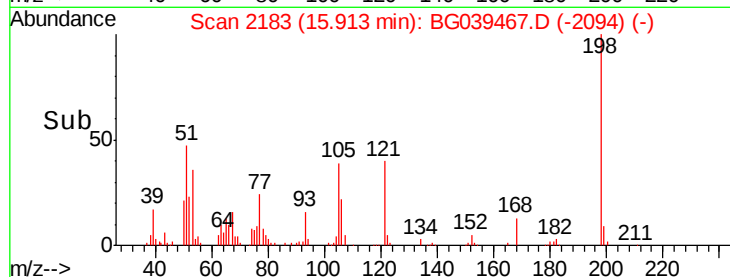
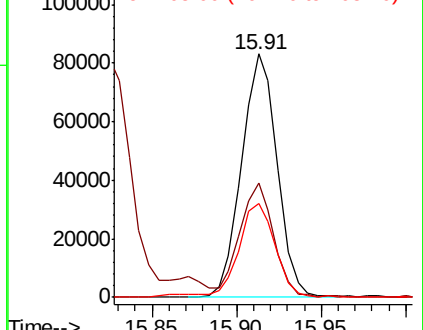
2/13/2019 9:56:52 AM



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: 47.443 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

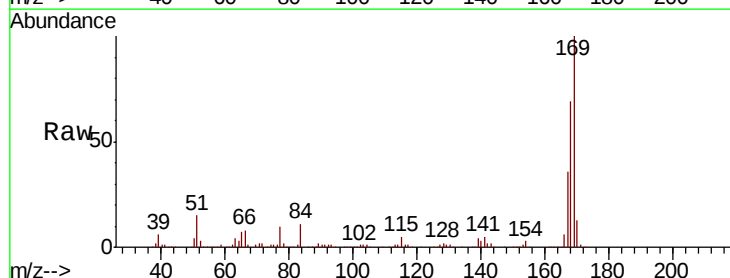
Tgt Ion:169 Resp: 633813

Ion Ratio Lower Upper

169 100

168 69.4 56.6 85.0

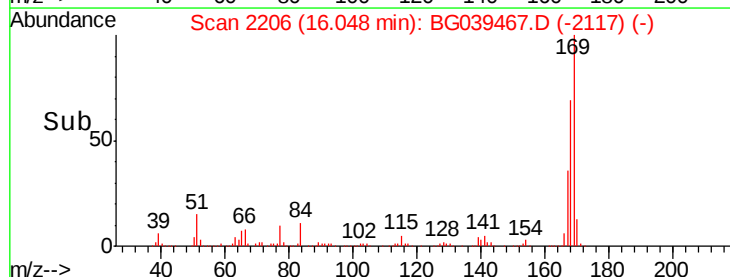
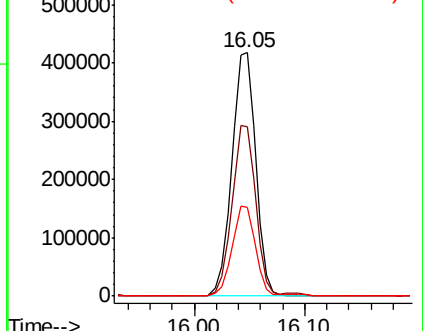
167 36.5 28.8 43.2

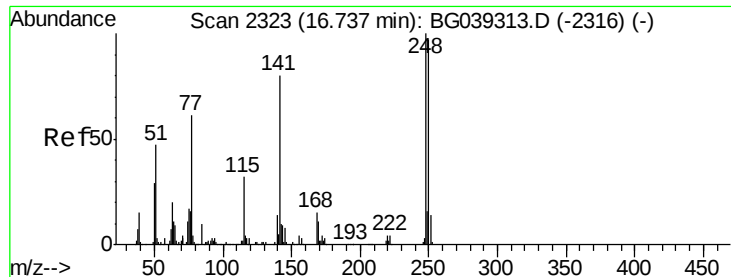


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





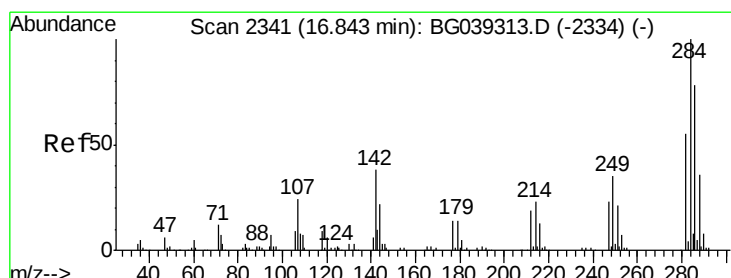
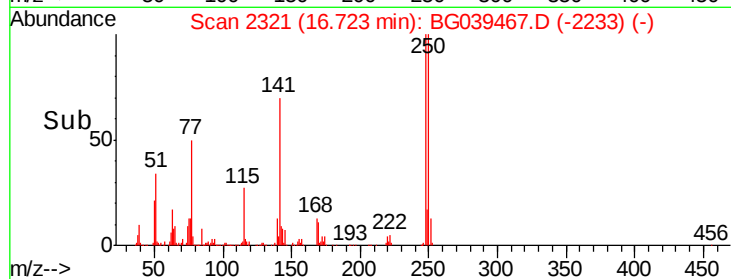
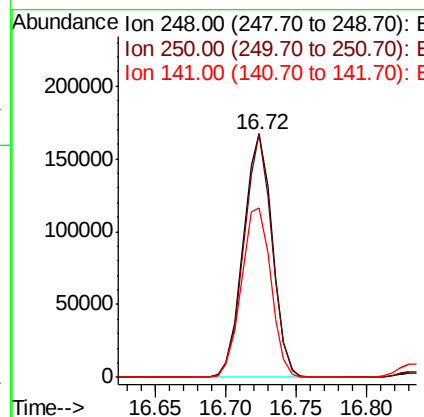
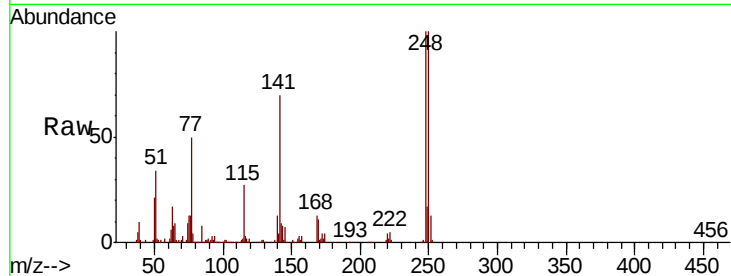
#67
4-Bromophenyl-phenylether
Concen: 49.091 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.6	116.4
141	69.8	63.9	95.9

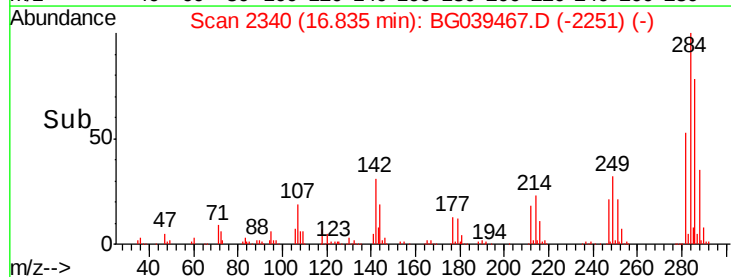
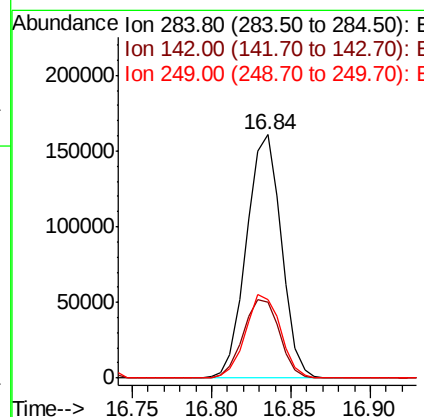
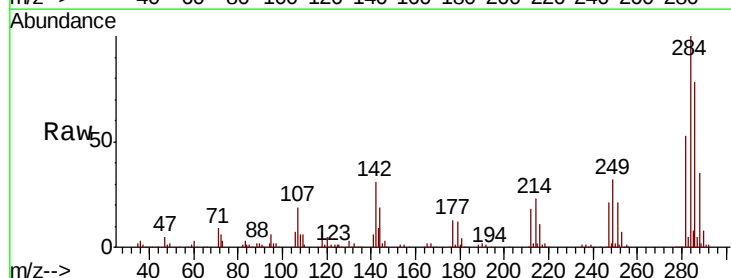
Manual Integrations
APPROVED

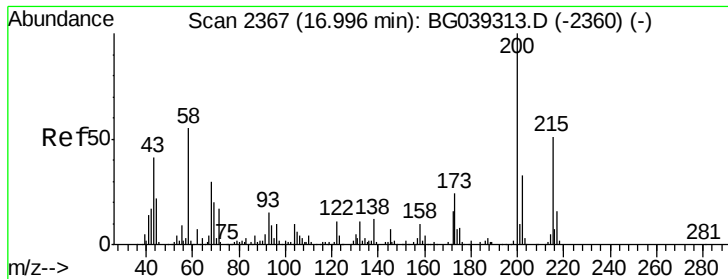
Sohil
2/13/2019 9:56:52 AM



#68
Hexachlorobenzene
Concen: 50.075 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	30.6	45.8
249	32.4	28.2	42.2





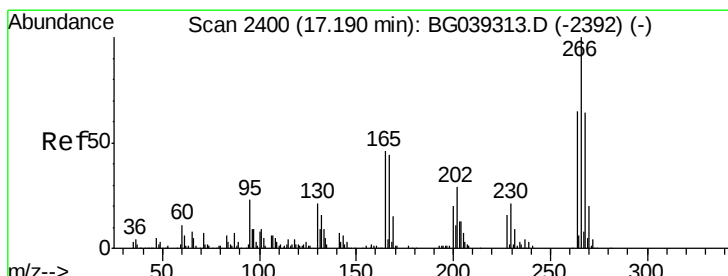
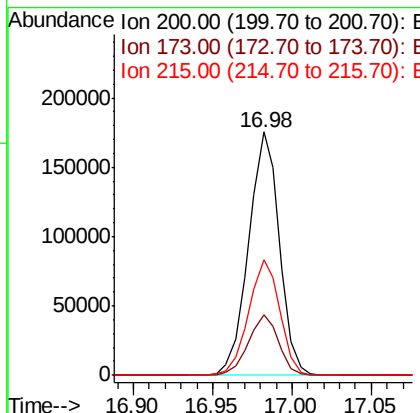
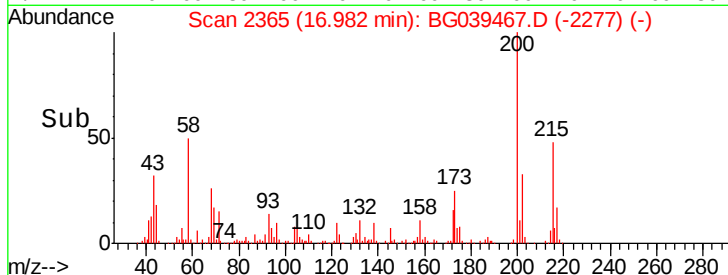
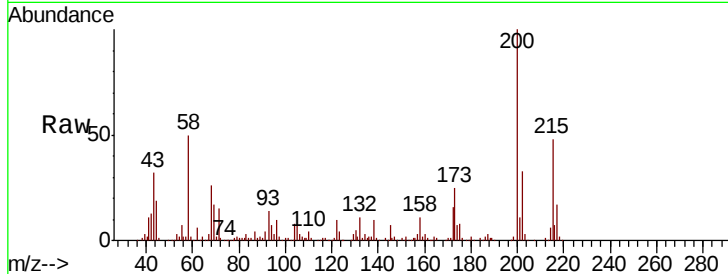
#69
 Atrazine
 Concen: 48.288 ng
 RT: 16.98 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-DMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.1	3.9	43.9
215	47.7	30.9	70.9

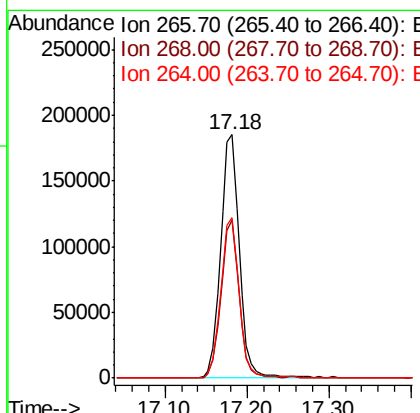
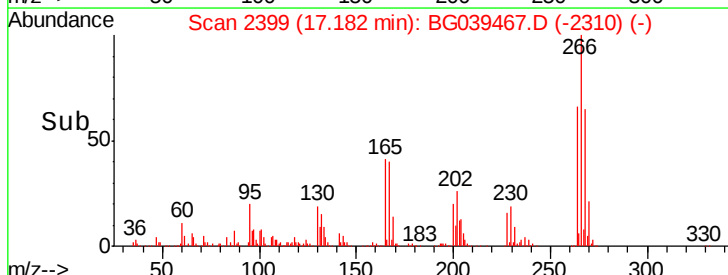
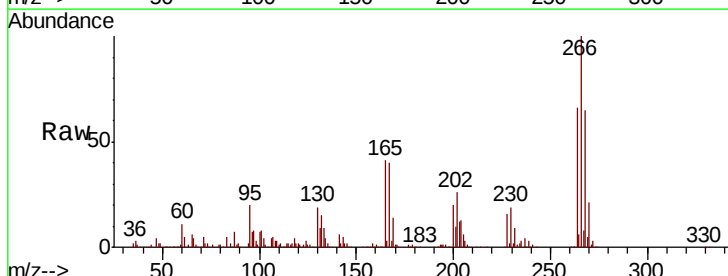
Manual Integrations
 APPROVED

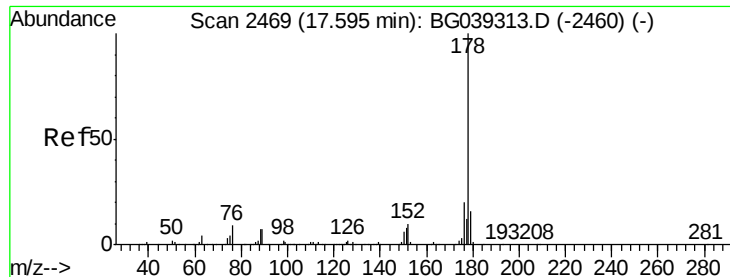
Sohil
 2/13/2019 9:56:52 AM



#70
 Pentachlorophenol
 Concen: 87.321 ng
 RT: 17.18 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.9	51.1	76.7
264	66.0	52.1	78.1





#71

Phenanthrene

Concen: 46.736 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

TP-2-DMSD

Tot Ion:178 Resp: 1062779

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

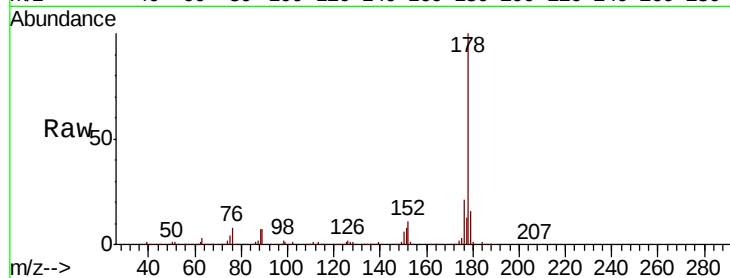
179 16.2 12.6 19.0

Manual Integrations

APPROVED

Sohil

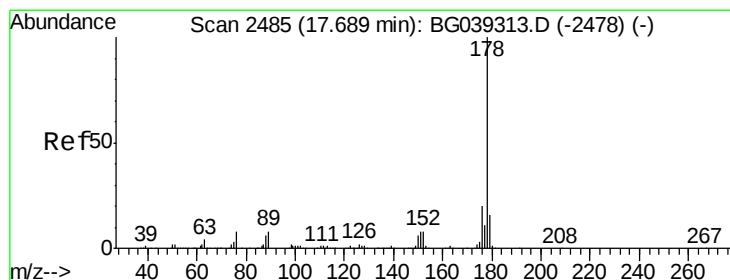
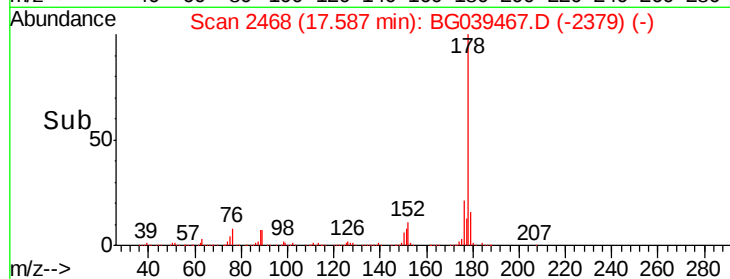
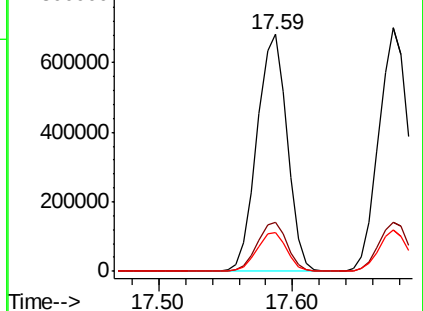
2/13/2019 9:56:52 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.985 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:178 Resp: 1074813

Ion Ratio Lower Upper

178 100

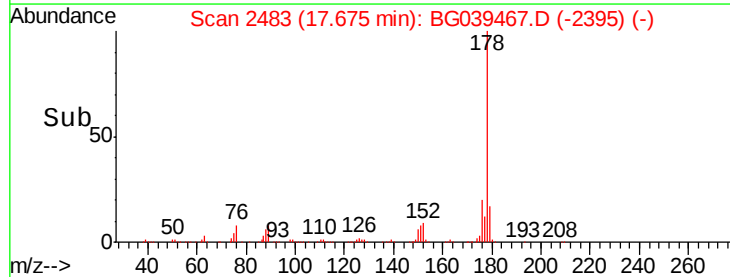
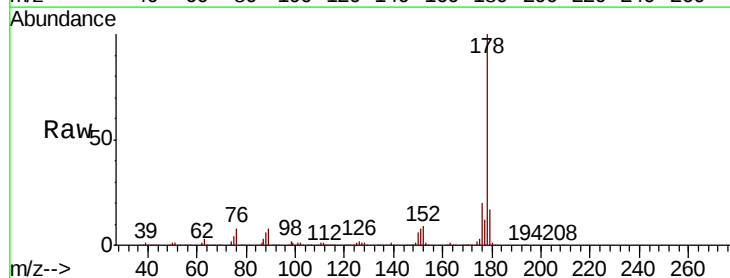
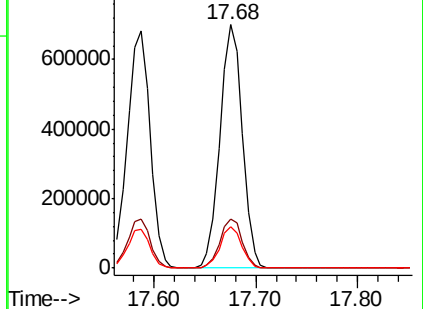
176 20.3 15.8 23.6

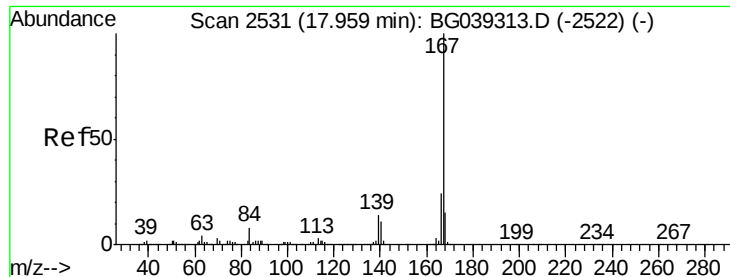
179 16.8 12.5 18.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





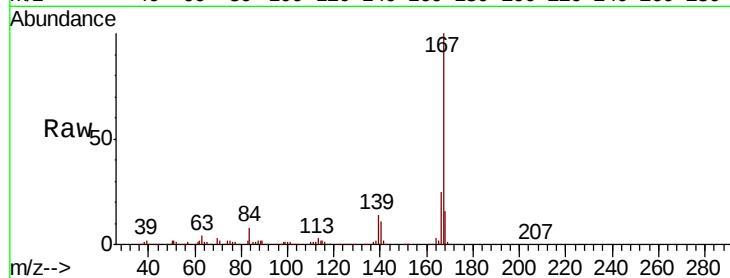
#73
 Carbazole
 Concen: 40.647 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	908630		
166	24.7		19.4	29.2
139	14.2		10.8	16.2

Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:52 AM

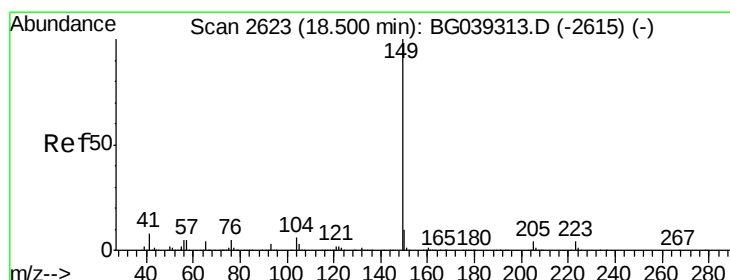
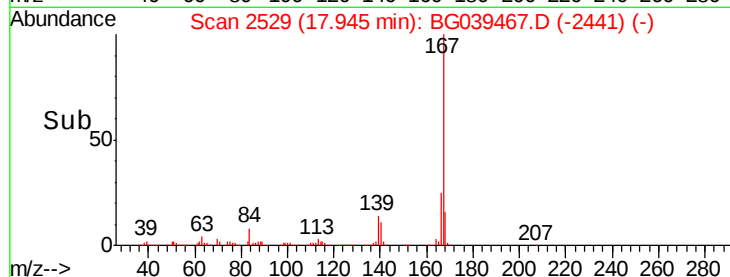
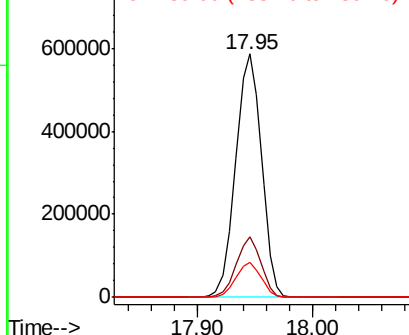


Abundance

Ion 167.00 (166.70 to 167.70): E

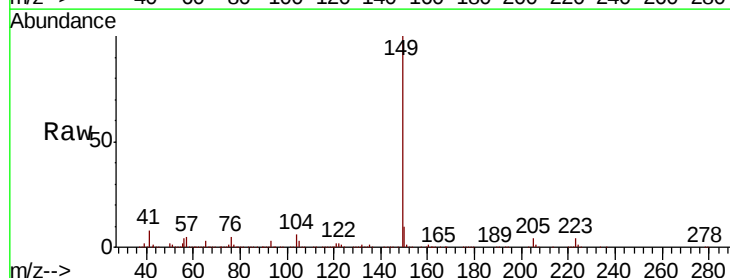
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.867 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1065762		
150	10.1		7.7	11.5
104	5.6		4.5	6.7

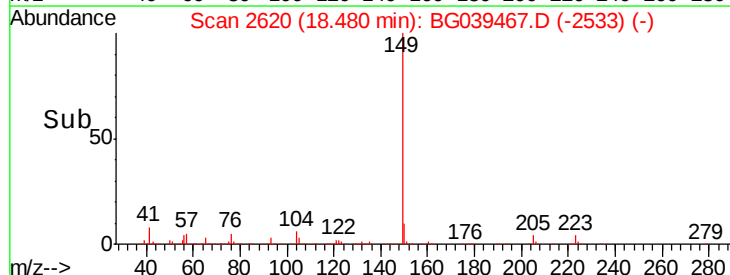
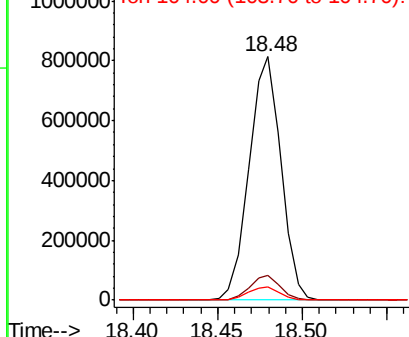


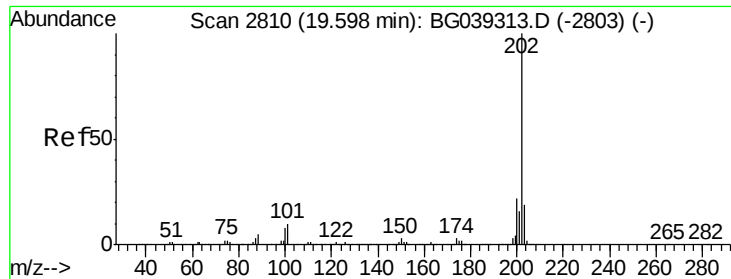
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.140 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

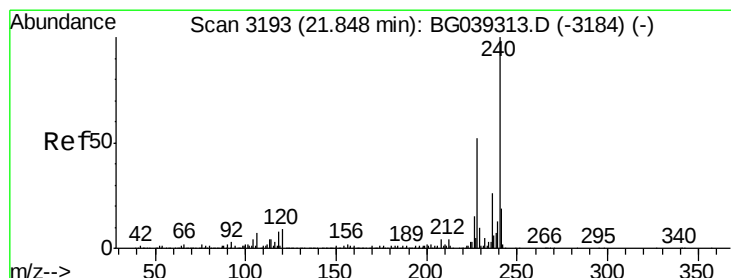
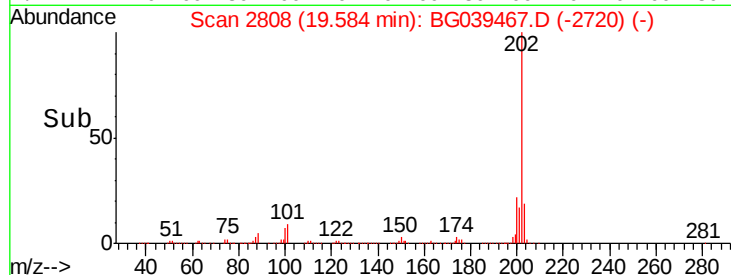
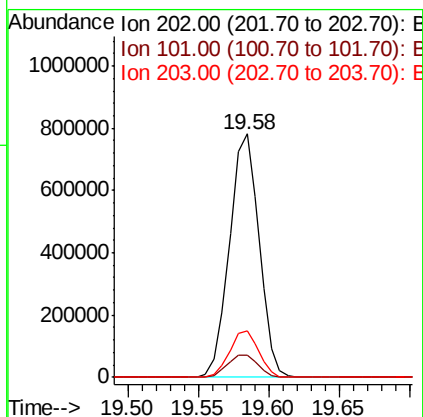
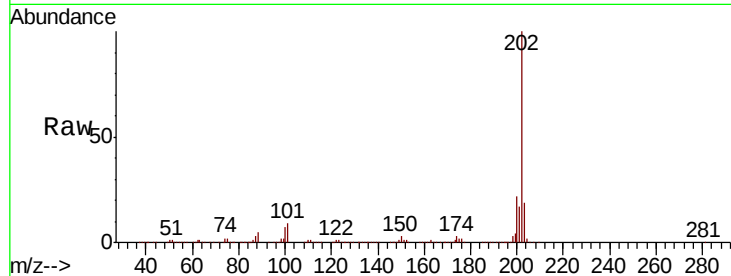
ClientSampleId :

TP-2-DMSD

Tot Ion:	202	Resp:	1138650
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.0
203	18.9	0.0	38.9

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#76

Chrysene-d12

Concen: 20.000 ng

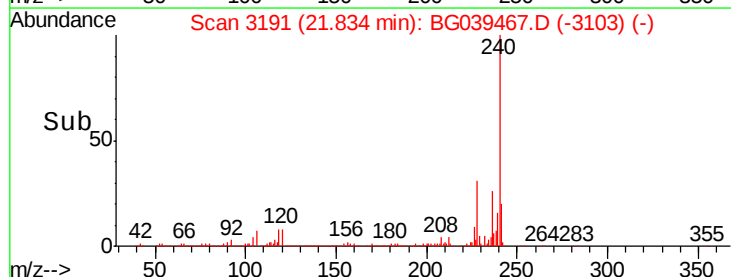
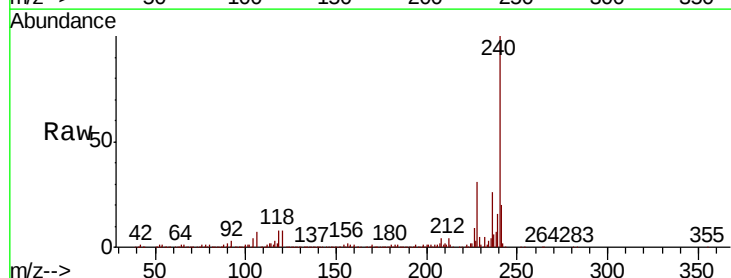
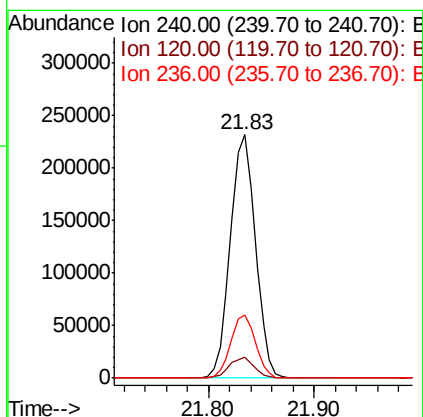
RT: 21.83 min Scan# 3191

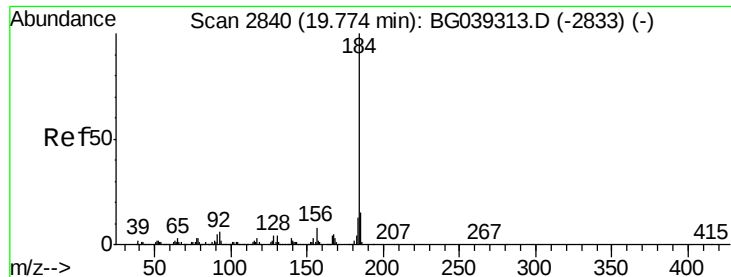
Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	240	Resp:	380865
Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.7	21.0	31.4





#77

Benzidine

Concen: 28.960 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

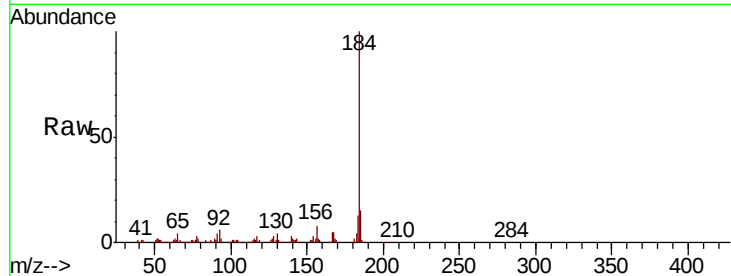
ClientSampleId :

TP-2-DMSD

Tot Ion:	184	Resp:	361616
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	12.8	10.6	15.8

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

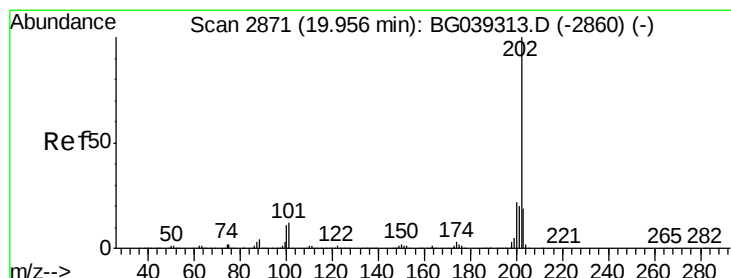
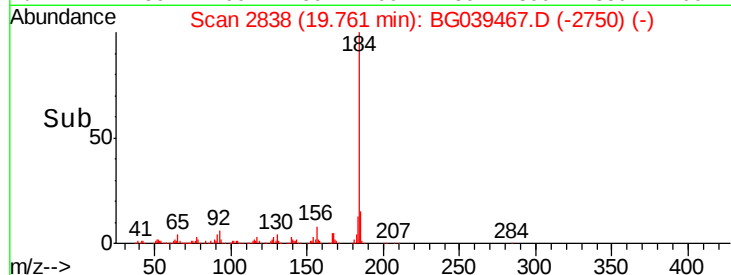
19.76

200000

100000

0

Time-->



#78

Pyrene

Concen: 47.388 ng

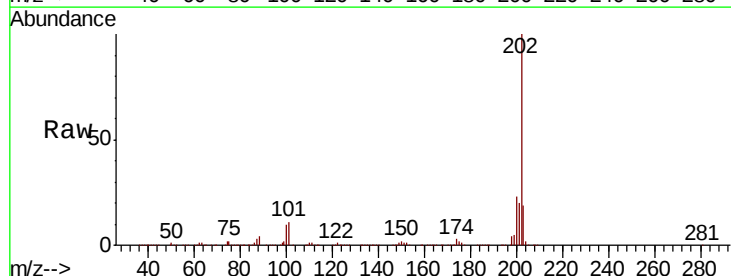
RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	202	Resp:	1123554
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.8	26.8
203	18.6	15.3	22.9



Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.95

800000

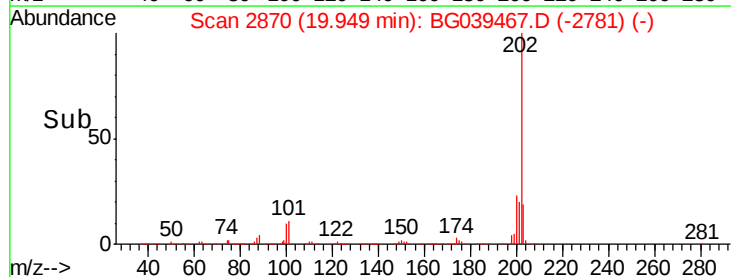
600000

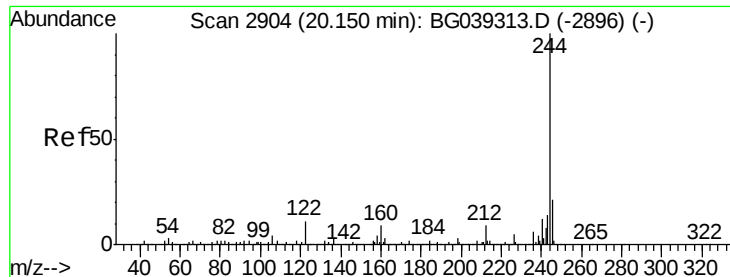
400000

200000

0

Time-->





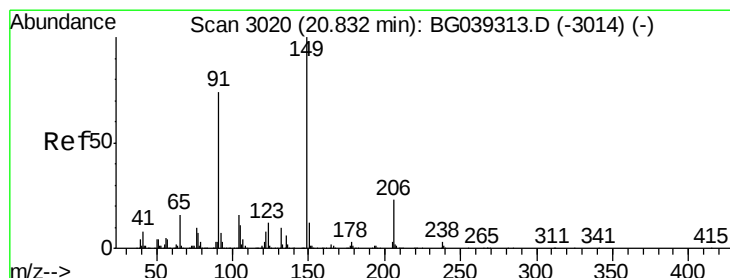
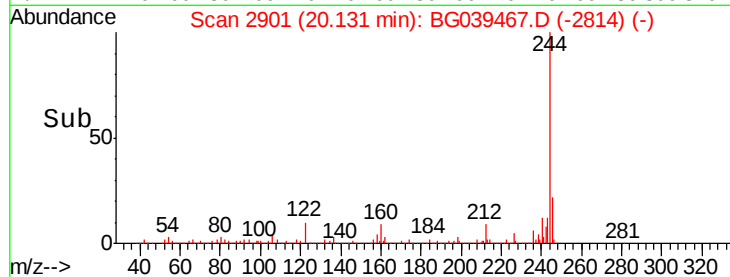
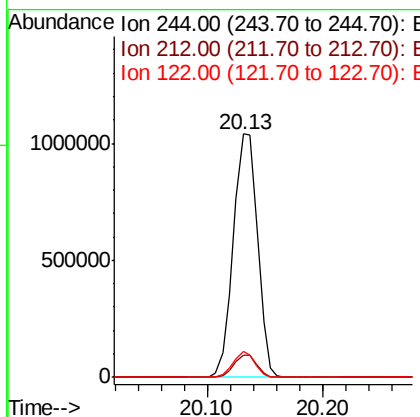
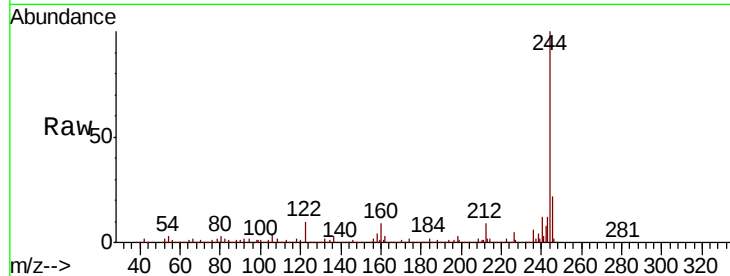
#79
 Terphenyl-d14
 Concen: 84.170 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-DMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	10.4	8.4	12.6

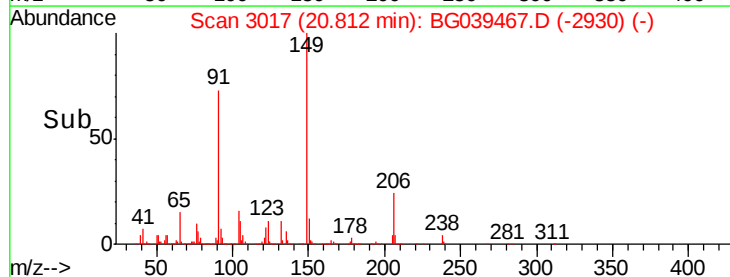
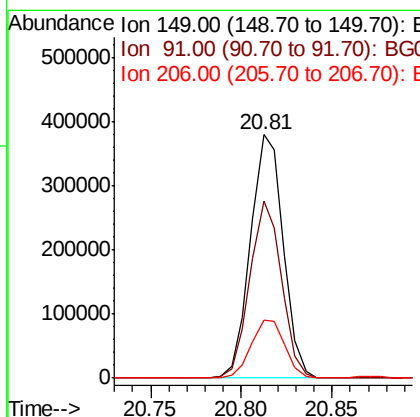
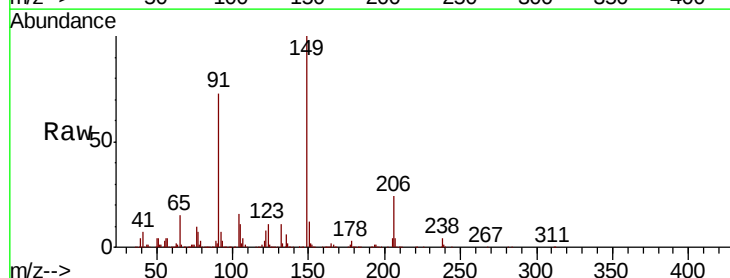
Manual Integrations
 APPROVED

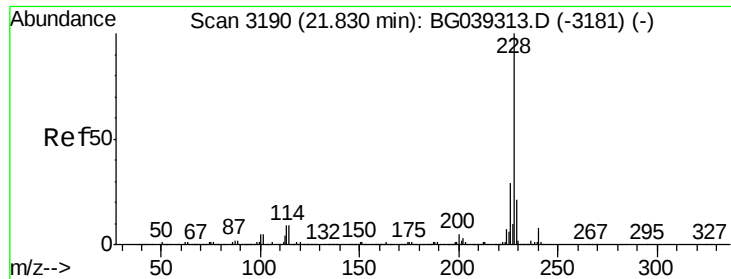
Sohil
 2/13/2019 9:56:52 AM



#80
 Butylbenzylphthalate
 Concen: 48.029 ng
 RT: 20.81 min Scan# 3017
 Delta R.T. -0.02 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.5	59.5	89.3
206	23.9	18.6	27.8





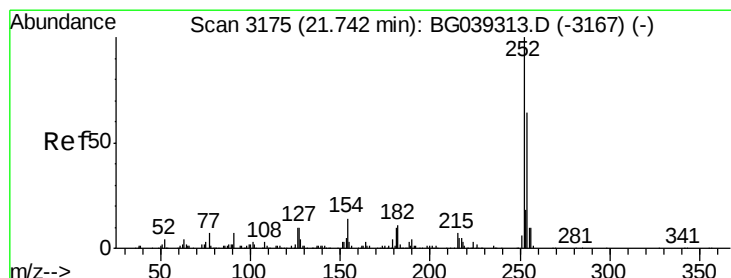
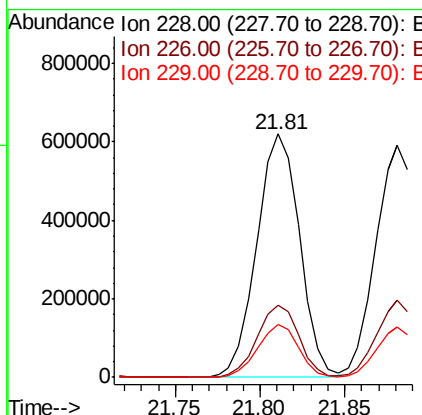
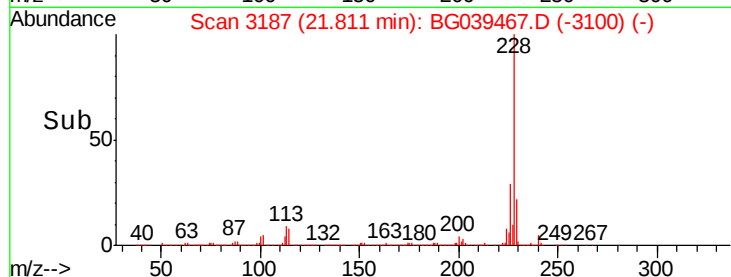
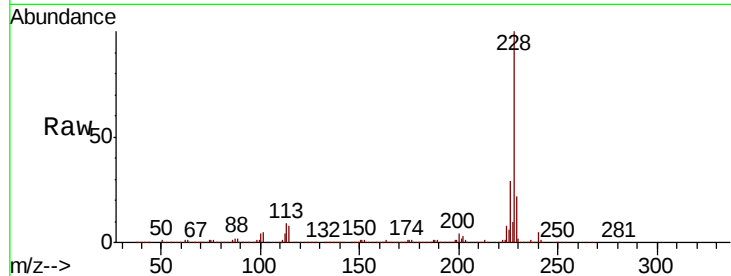
#81
Benzo(a)anthracene
Concen: 48.613 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.6
229	21.6	16.9	25.3

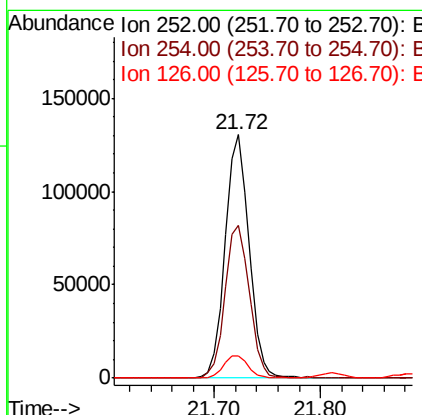
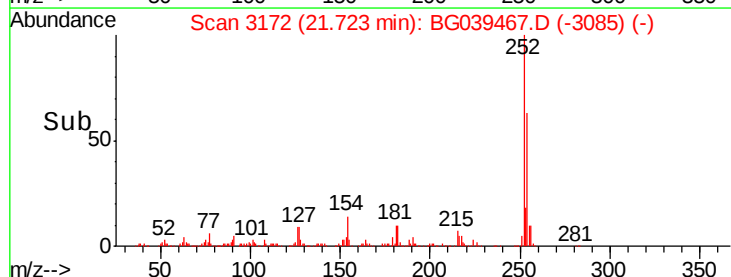
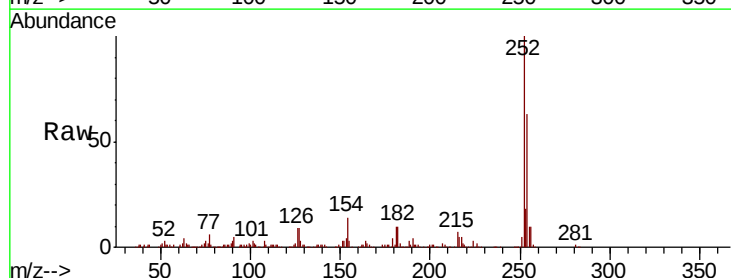
Manual Integrations
APPROVED

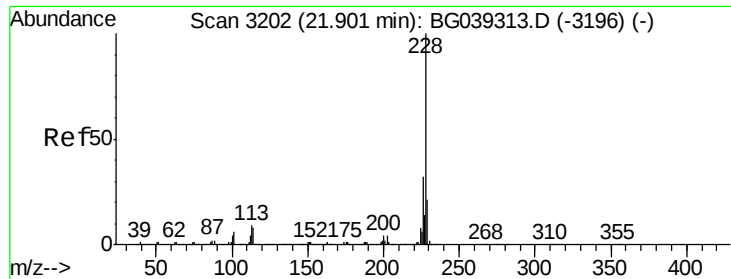
Sohil
2/13/2019 9:56:52 AM



#82
3,3'-Dichlorobenzidine
Concen: 24.460 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.3	76.9
126	8.9	8.0	12.0





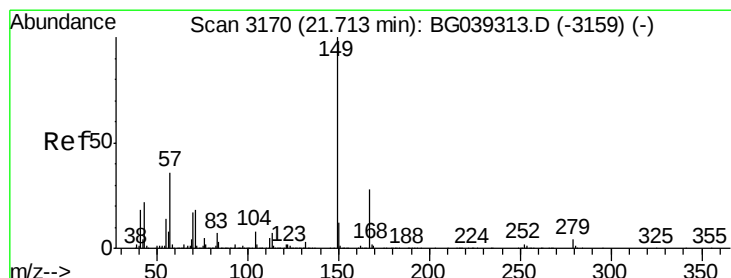
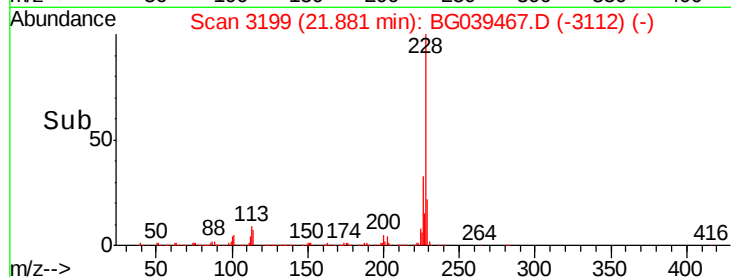
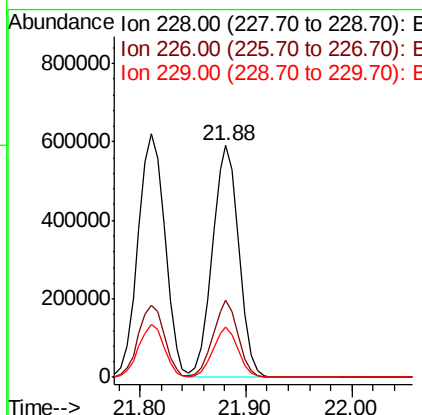
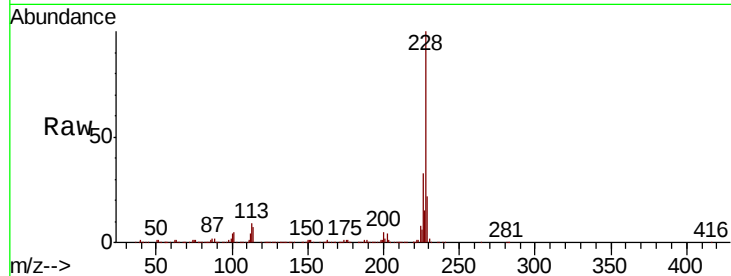
#83
 Chrysene
 Concen: 47.867 ng
 RT: 21.88 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-DMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.8	38.6
229	21.5	16.6	25.0

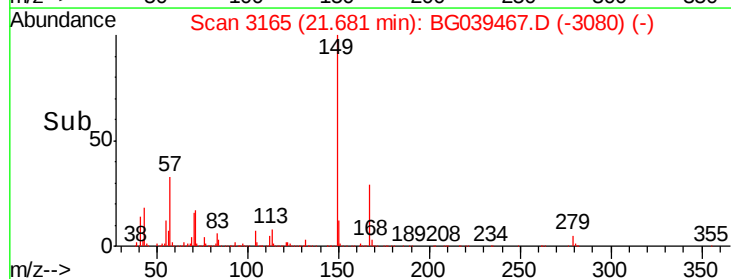
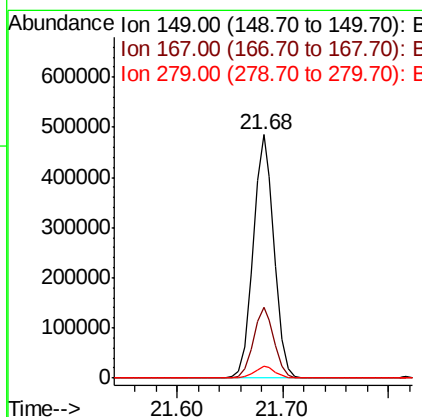
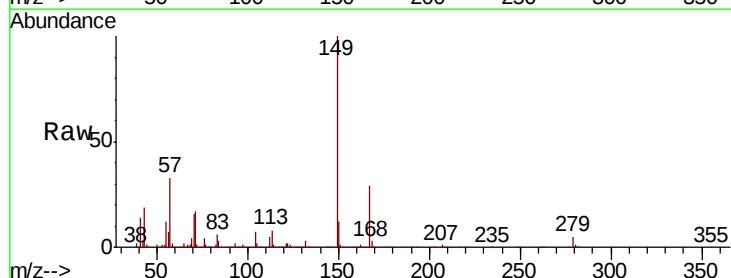
Manual Integrations
 APPROVED

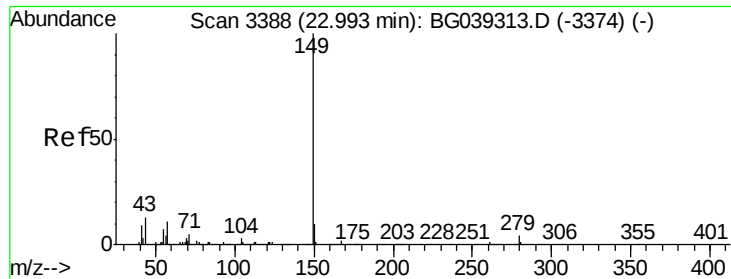
Sohil
 2/13/2019 9:56:52 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.864 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.03 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	34.0
279	4.9	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 48.475 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

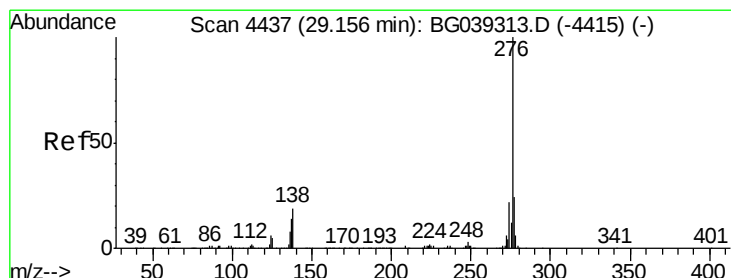
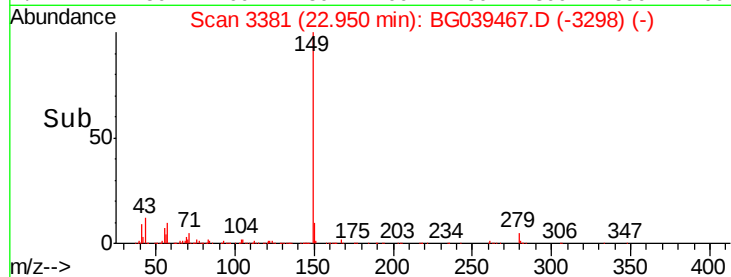
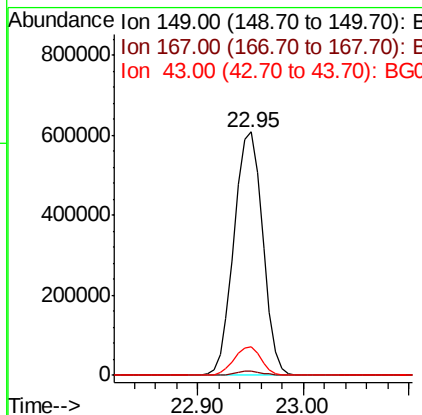
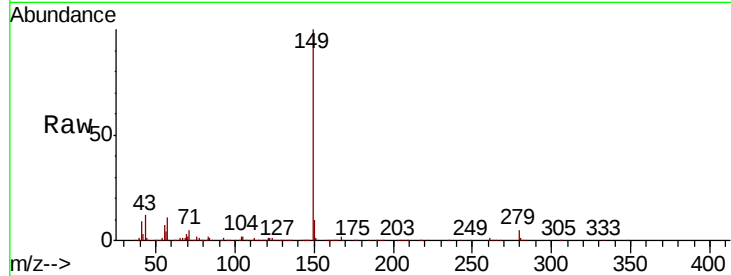
ClientSampleId :

TP-2-DMSD

Tot Ion:	149	Resp:	1142714
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.2	10.2	15.4

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.870 ng

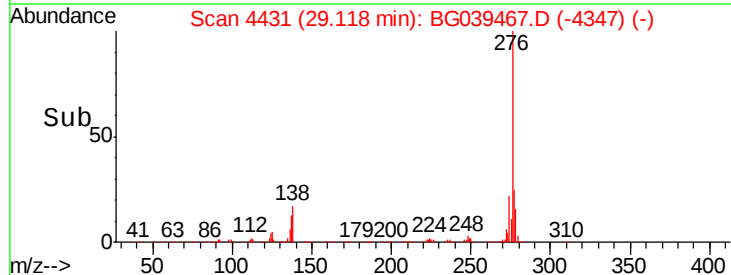
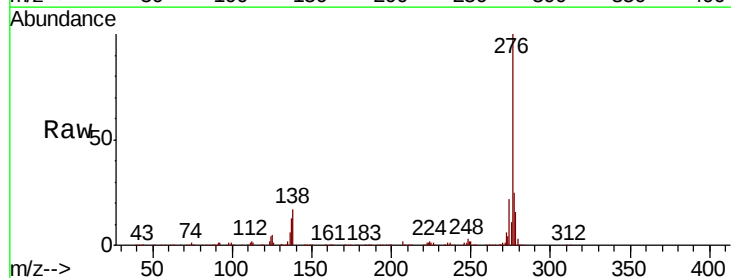
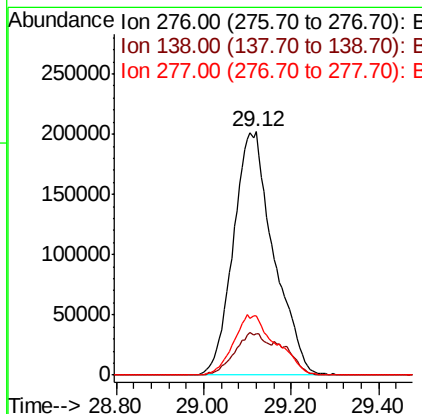
RT: 29.12 min Scan# 4431

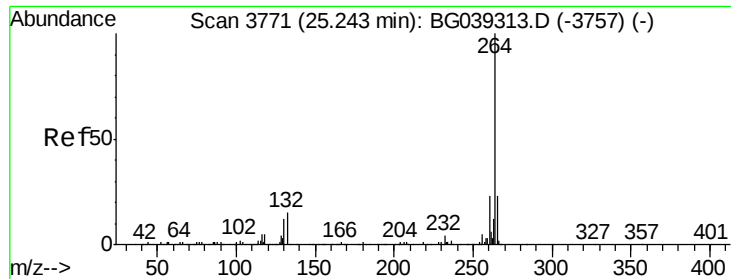
Delta R.T. -0.04 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	276	Resp:	1261214
Ion	Ratio	Lower	Upper
276	100		
138	14.1	12.6	19.0
277	11.0	20.8	31.2#





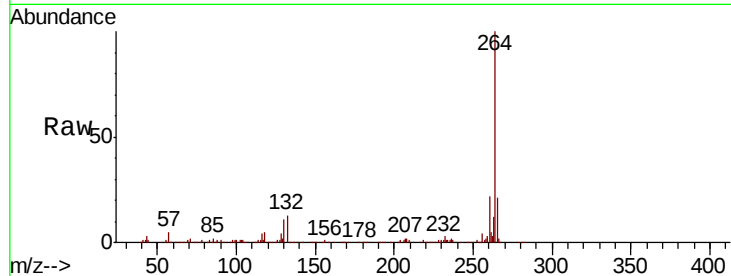
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	21.3	18.5	27.7

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM

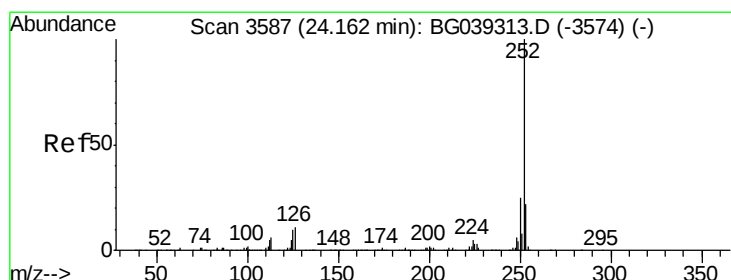
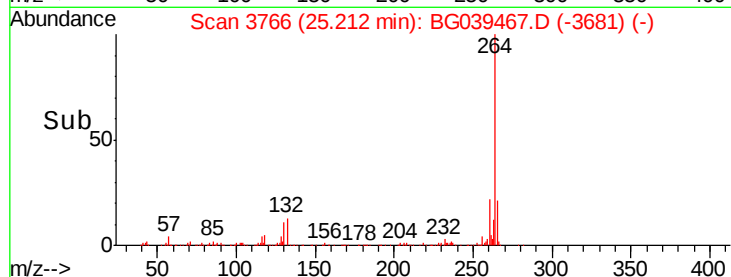
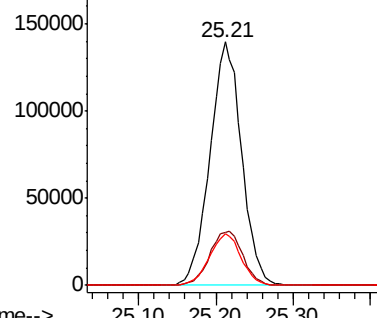


Abundance

Ion 264.00 (263.70 to 264.70): E

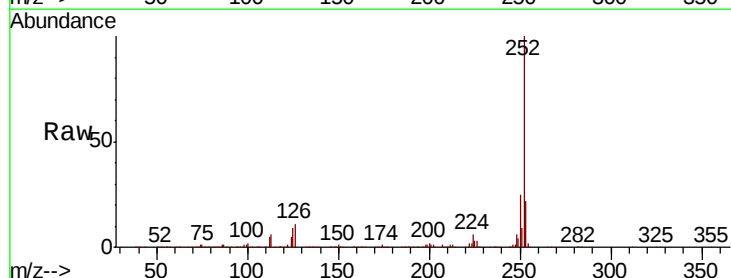
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 49.823 ng
RT: 24.13 min Scan# 3582
Delta R.T. -0.03 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.0	7.8	11.6

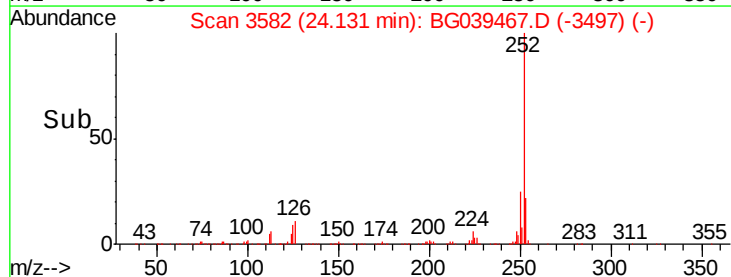
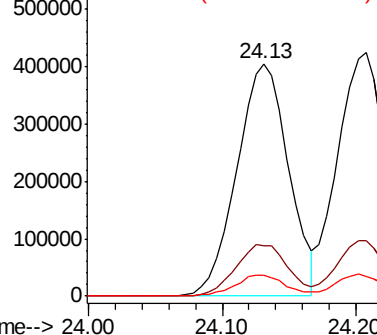


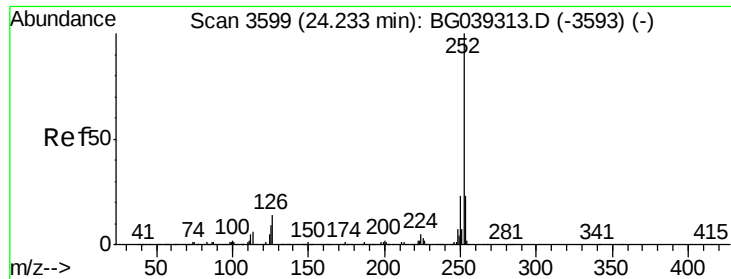
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





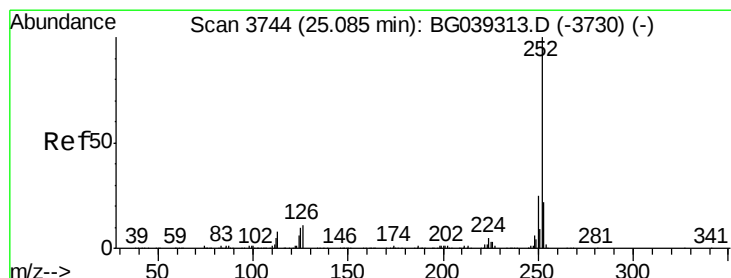
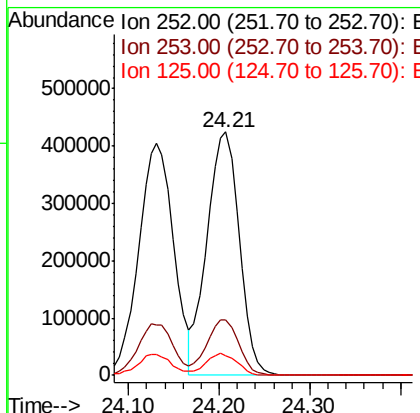
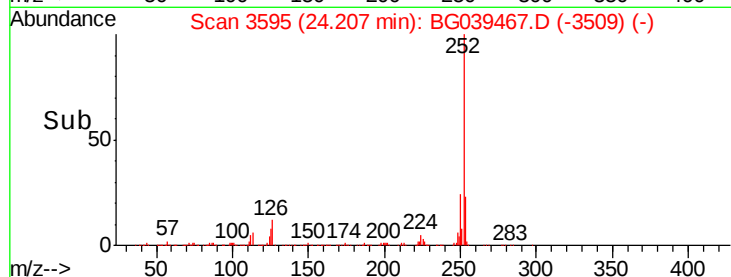
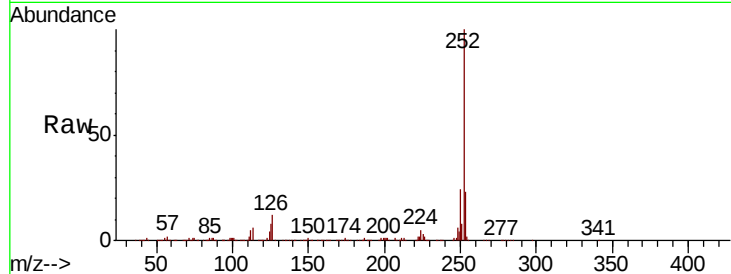
#89
Benzo(k)fluoranthene
Concen: 48.007 ng
RT: 24.21 min Scan# 3595
Delta R.T. -0.03 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampled :
TP-2-DMSD

Tot Ion:252 Resp: 1052460
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 8.2 7.4 11.2

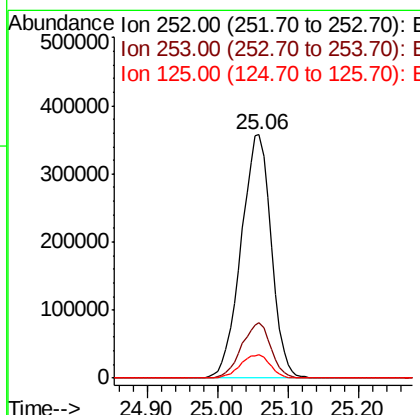
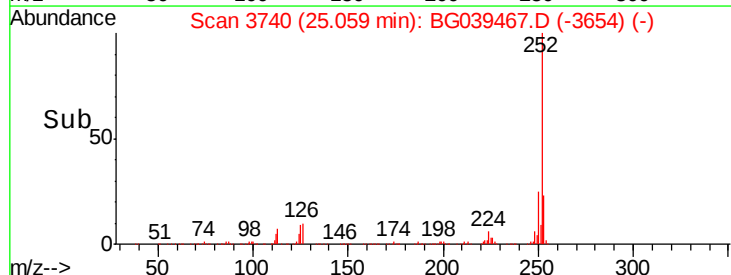
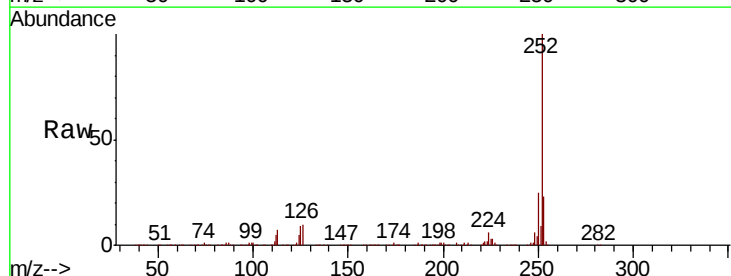
Manual Integrations
APPROVED

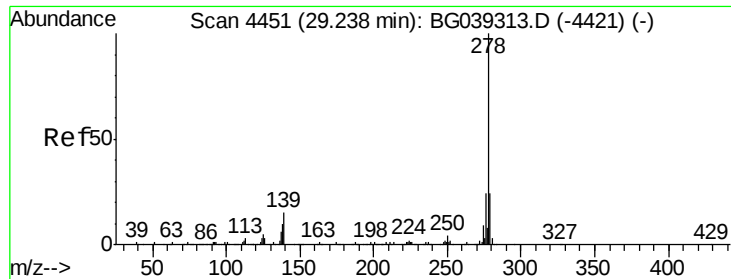
Sohil
2/13/2019 9:56:52 AM



#90
Benzo(a)pyrene
Concen: 50.535 ng
RT: 25.06 min Scan# 3740
Delta R.T. -0.03 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion:252 Resp: 1062744
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 51.729 ng

RT: 29.18 min Scan# 4442

Delta R.T. -0.05 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

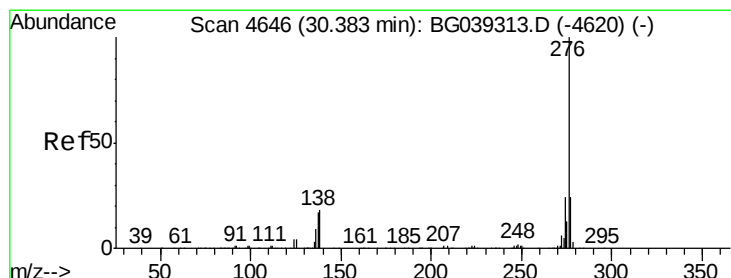
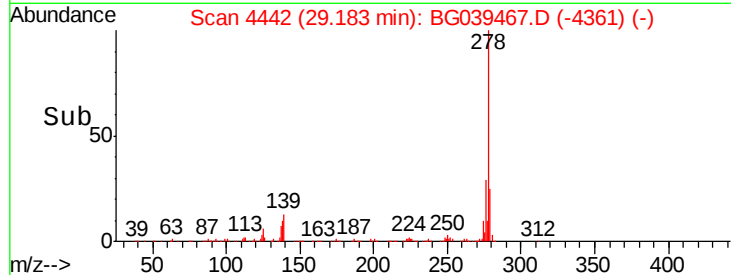
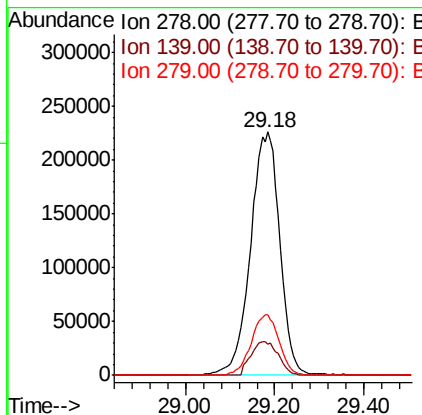
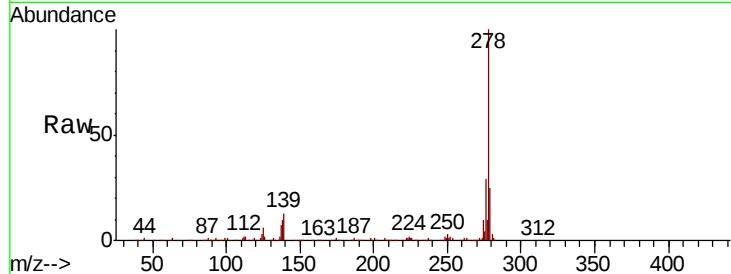
ClientSampleId :

TP-2-DMSD

Tot Ion:	278	Resp:	1018766
Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.7	17.5
279	24.9	19.1	28.7

Manual Integrations
APPROVED

Sohil
2/13/2019 9:56:52 AM



#92

Benzo(g,h,i)perylene

Concen: 53.109 ng

RT: 30.34 min Scan# 4639

Delta R.T. -0.04 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	276	Resp:	1042528
Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	18.6	14.7	22.1

