

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037399.D
 Acq On : 17 Oct 2018 20:46
 Operator : JU/SJ
 Sample : J5539-08MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FTMS

Manual Integrations
 APPROVED

Sohil
 10/18/2018 2:25:27 PM

Quant Time: Oct 18 11:56:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	75368	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	330098	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	213785	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	469525	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	442134	20.00	ng	-0.02
87) Perylene-d12	25.12	264	490150	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	609127	142.24	ng	0.00
7) Phenol-d6	7.25	99	898578	138.24	ng	0.00
23) Nitrobenzene-d5	9.29	82	514505	102.47	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	310446	148.07	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1144125	80.37	ng	-0.01
79) Terphenyl-d14	20.09	244	1541268	73.20	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.53	88	56265	23.393	ng	96
3) Pyridine	3.93	79	171211	29.981	ng	92
4) n-Nitrosodimethylamine	3.86	42	84616	38.156	ng	# 94
6) Aniline	7.44	93	236070	27.744	ng	99
8) 2-Chlorophenol	7.67	128	219145	43.723	ng	99
9) Benzaldehyde	7.25	77	95588	21.359	ng	96
10) Phenol	7.28	94	346102	50.556	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	207163	37.040	ng	97
12) 1,3-Dichlorobenzene	7.99	146	214475	36.400	ng	98
13) 1,4-Dichlorobenzene	8.15	146	215201	36.075	ng	99
14) 1,2-Dichlorobenzene	8.46	146	212352	36.735	ng	97
15) Benzyl Alcohol	8.35	79	211409	41.579	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	385926	34.905	ng	97
17) 2-Methylphenol	8.54	107	206955	45.138	ng	98
18) Hexachloroethane	9.20	117	78280	38.447	ng	92
19) n-Nitroso-di-n-propylamine	8.92	70	182475	37.079	ng	95
20) 3+4-Methylphenols	8.87	107	291492	45.468	ng	98
22) Acetophenone	8.94	105	341415	41.030	ng	# 98
24) Nitrobenzene	9.33	77	252372	46.929	ng	95
25) Isophorone	9.85	82	524495	45.760	ng	96
26) 2-Nitrophenol	10.04	139	119565	56.722	ng	96
27) 2,4-Dimethylphenol	10.09	122	248745	51.920	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	311179	43.394	ng	97
29) 2,4-Dichlorophenol	10.57	162	244365	50.248	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	235697	39.828	ng	99
31) Naphthalene	10.99	128	703886	43.876	ng	99
32) Benzoic acid	10.15	122	22026	8.326	ng	92
33) 4-Chloroaniline	11.09	127	142832	18.980	ng	98
34) Hexachlorobutadiene	11.25	225	137425	37.395	ng	98
35) Caprolactam	11.88	113	96878m	48.864	ng	
36) 4-Chloro-3-methylphenol	12.20	107	265438	46.215	ng	99
37) 2-Methylnaphthalene	12.58	142	526260	44.950	ng	98
38) 1-Methylnaphthalene	12.80	142	513886	44.942	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	275263	39.759	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037399.D
 Acq On : 17 Oct 2018 20:46
 Operator : JU/SJ
 Sample : J5539-08MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FTMS

Manual Integrations
 APPROVED

Sohil
 10/18/2018 2:25:27 PM

Quant Time: Oct 18 11:56:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	319228	111.848	nq	98
43) 2,4,6-Trichlorophenol	13.18	196	201779	50.240	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	216583	50.120	nq	# 92
46) 1,1'-Biphenyl	13.58	154	681929	38.776	nq	97
47) 2-Chloronaphthalene	13.63	162	540429	40.683	nq	99
48) 2-Nitroaniline	13.83	65	176331	48.873	nq	97
49) Acenaphthylene	14.48	152	874363	43.028	nq	99
50) Dimethylphthalate	14.20	163	835575	49.734	nq	99
51) 2,6-Dinitrotoluene	14.32	165	152609	46.887	nq	99
52) Acenaphthene	14.81	154	519190	41.363	nq	99
53) 3-Nitroaniline	14.66	138	105592	30.039	nq	97
54) 2,4-Dinitrophenol	14.86	184	52236	62.135	nq	96
55) Dibenzofuran	15.15	168	809949	39.767	nq	97
56) 4-Nitrophenol	14.95	139	265990	97.075	nq	96
57) 2,4-Dinitrotoluene	15.10	165	212428	51.049	nq	95
58) Fluorene	15.79	166	659551	42.818	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	182234	47.632	nq	# 95
60) Diethylphthalate	15.55	149	690668	39.668	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	334104	37.107	nq	98
62) 4-Nitroaniline	15.82	138	149962	40.645	nq	92
63) Azobenzene	16.07	77	668065	40.019	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	89576	59.347	nq	88
66) n-Nitrosodiphenylamine	16.00	169	615815	44.661	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	211599	41.757	nq	96
68) Hexachlorobenzene	16.78	284	208261	39.639	nq	97
69) Atrazine	16.94	200	224779	43.861	nq	98
70) Pentachlorophenol	17.13	266	258625	76.297	nq	96
71) Phenanthrene	17.54	178	1018161	42.600	nq	98
72) Anthracene	17.62	178	1027365	43.916	nq	96
73) Carbazole	17.89	167	949776	39.404	nq	98
74) Di-n-butylphthalate	18.44	149	1097982	42.501	nq	99
75) Fluoranthene	19.54	202	1143119	40.921	nq	98
77) Benzidine	19.72	184	519938	30.740	nq	99
78) Pyrene	19.90	202	1165147	40.435	nq	98
80) Butylbenzylphthalate	20.77	149	521791	46.542	nq	99
81) Benzo(a)anthracene	21.76	228	1142446	43.144	nq	98
82) 3,3'-Dichlorobenzidine	21.67	252	226743	22.198	nq	98
83) Chrysene	21.83	228	1068053	42.284	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	747137	46.409	nq	98
85) Di-n-octyl phthalate	22.89	149	1270778	48.633	nq	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1316724	47.030	nq	# 97
88) Benzo(b)fluoranthene	24.05	252	1159538	43.512	nq	98
89) Benzo(k)fluoranthene	24.12	252	1122450	42.686	nq	97
90) Benzo(a)pyrene	24.96	252	1131784	44.291	nq	98
91) Dibenzo(a,h)anthracene	29.02	278	1065993	43.599	nq	97
92) Benzo(g,h,i)perylene	30.17	276	1091801	44.711	nq	100

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

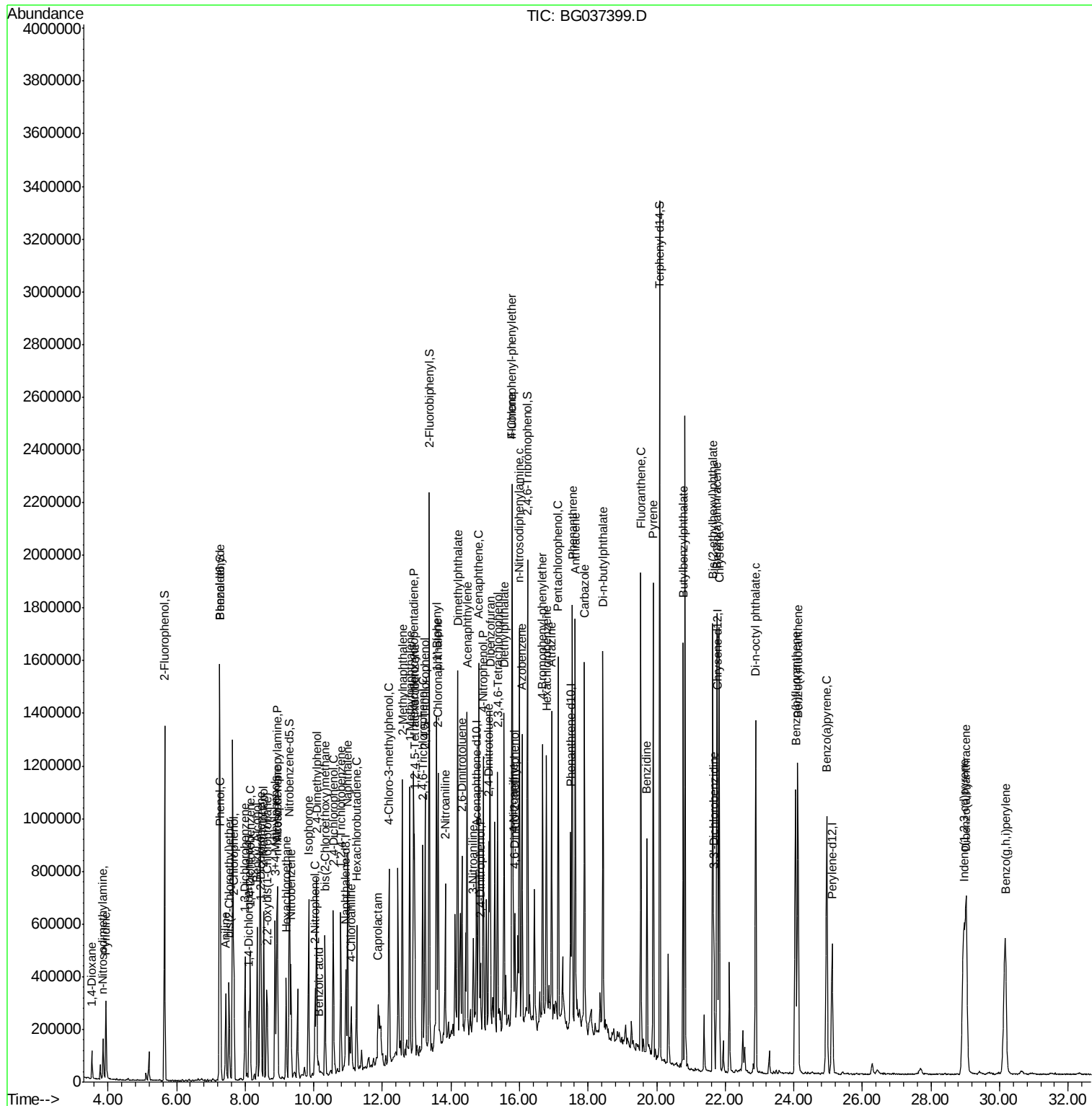
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
Data File : BG037399.D
Acq On : 17 Oct 2018 20:46
Operator : JU/SJ
Sample : J5539-08MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

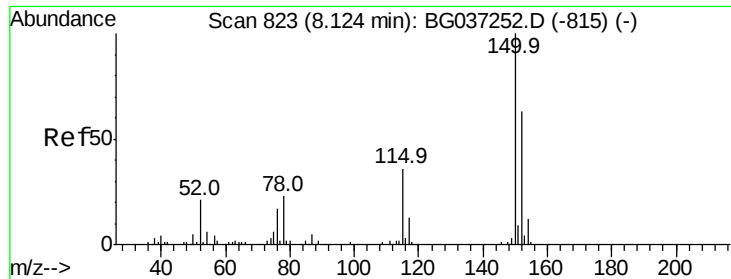
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7TMS

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM

Quant Time: Oct 18 11:56:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

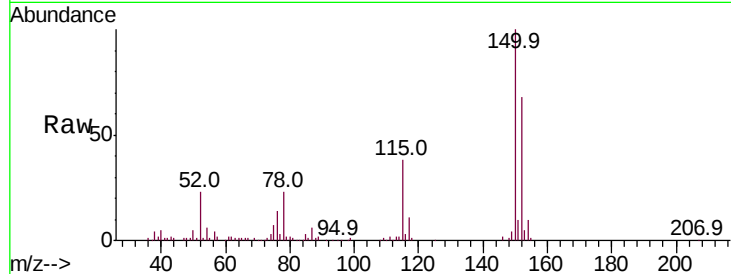
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	126.0	189.0
115	55.5	45.5	68.3

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM

10/18/2018 2:25:27 PM

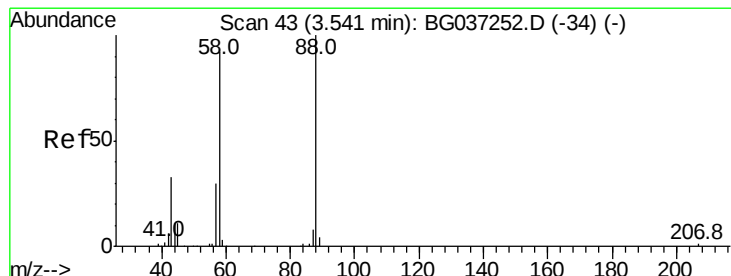
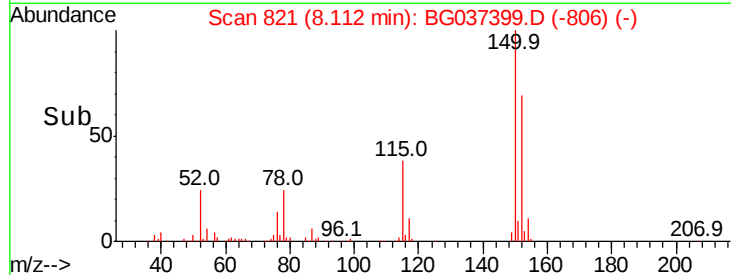
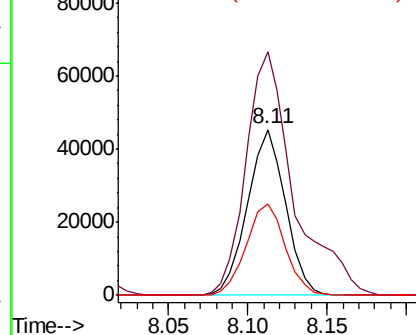


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.393 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

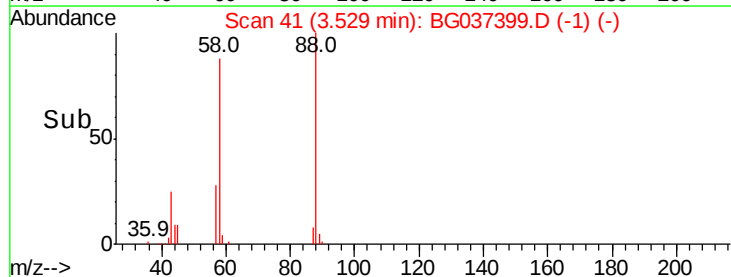
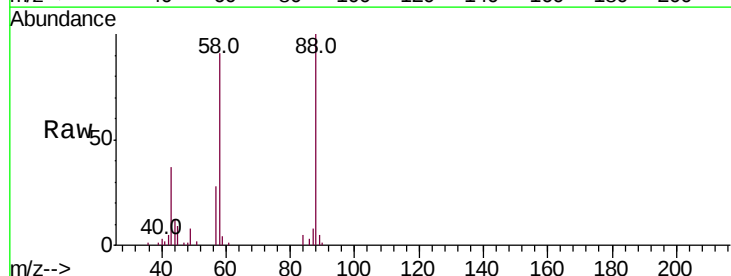
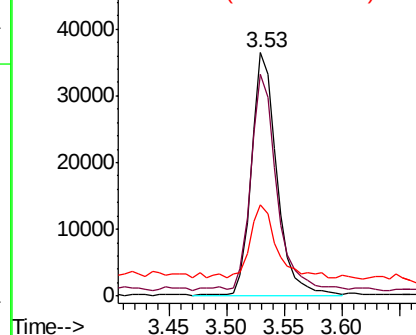
Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.6	74.4	111.6
43	30.0	25.8	38.8

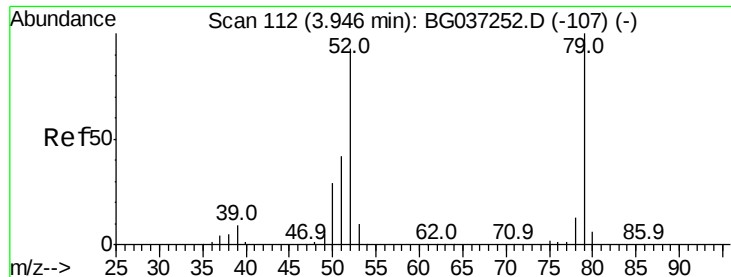
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.981 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

ClientSampleId :

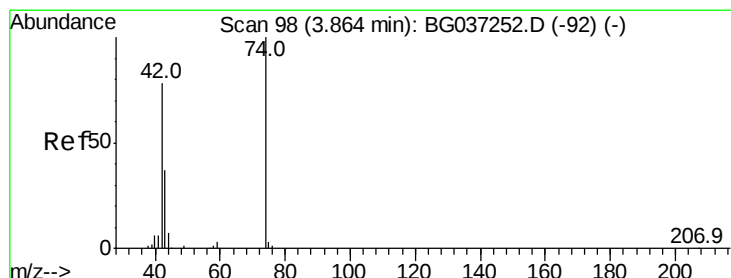
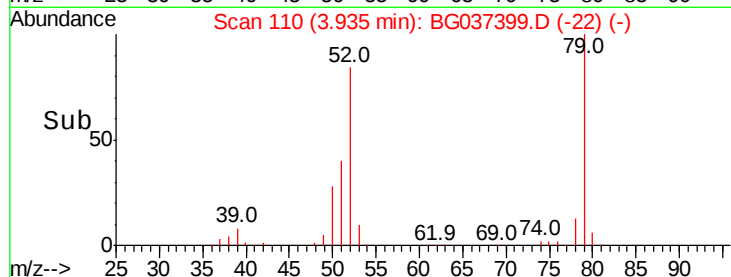
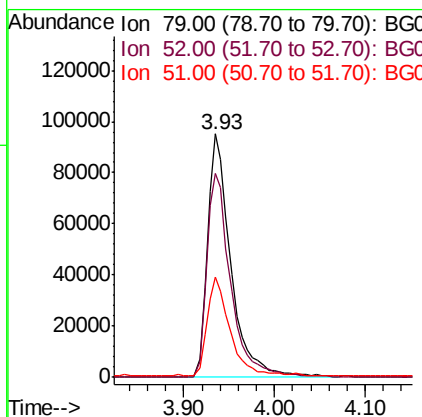
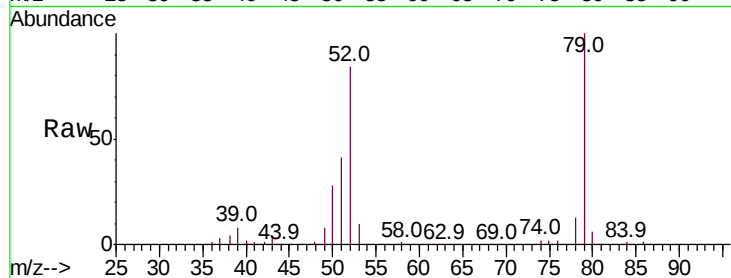
SB-10-5-7FTMS

Tot Ion:	79	Resp:	171211
Ion	Ratio	Lower	Upper
79	100		
52	83.6	74.2	111.2
51	41.1	34.6	51.8

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM

10/18/2018 2:25:27 PM



#4

n-Nitrosodimethylamine

Concen: 38.156 ng

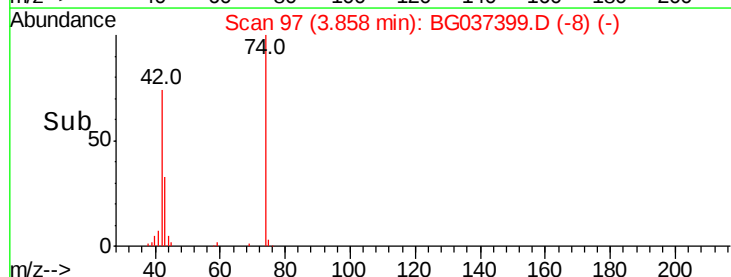
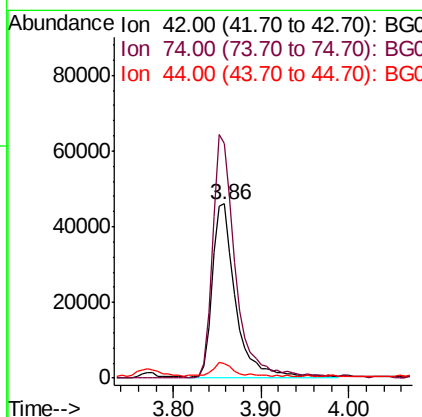
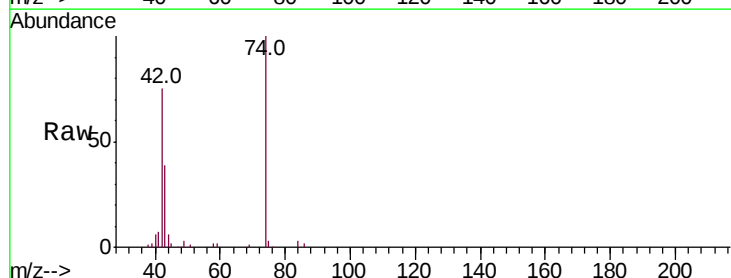
RT: 3.86 min Scan# 97

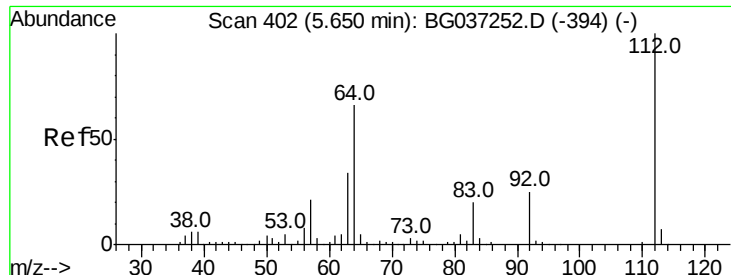
Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Tgt Ion:	42	Resp:	84616
Ion	Ratio	Lower	Upper
42	100		
74	134.2	102.0	153.0
44	8.3	9.6	14.4#





#5

2-Fluorophenol

Concen: 142.236 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

ClientSampleId :

SB-10-5-7FTMS

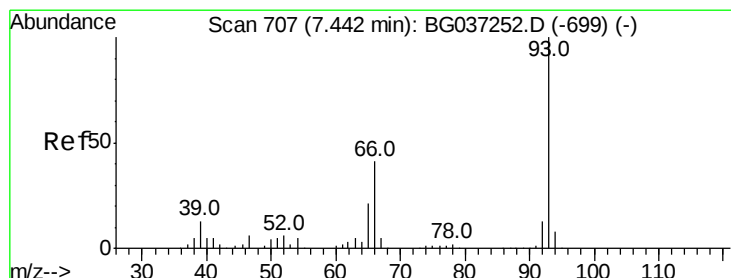
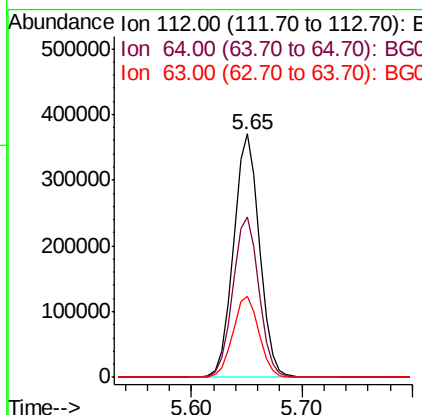
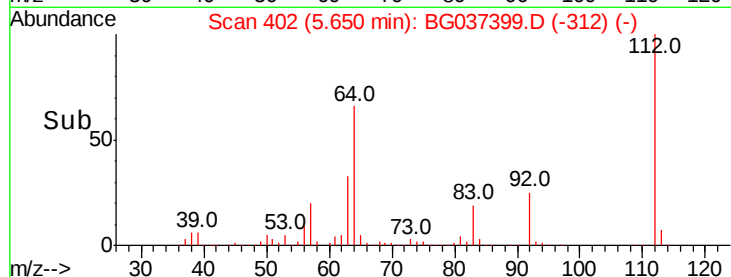
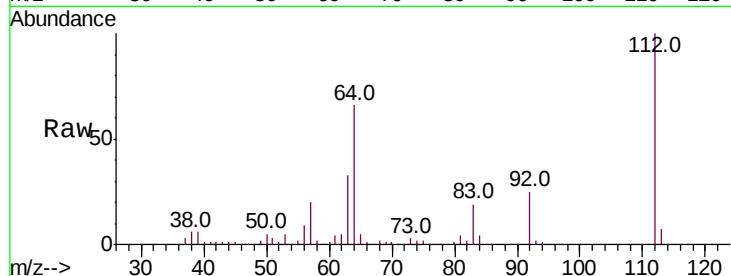
Tot Ion:	112	Resp:	609127
Ion Ratio	Lower	Upper	
112	100		
64	66.0	53.1	79.7
63	33.5	27.3	40.9

Manual Integrations
APPROVED

Sohil

10/18/2018 2:25:27 PM

10/18/2018 2:25:27 PM



#6

Aniline

Concen: 27.744 ng

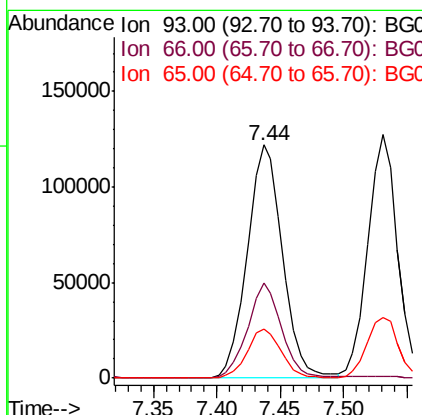
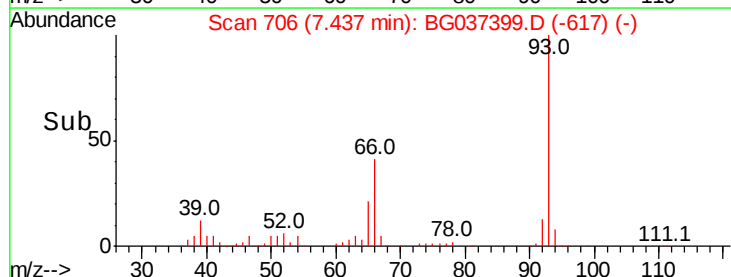
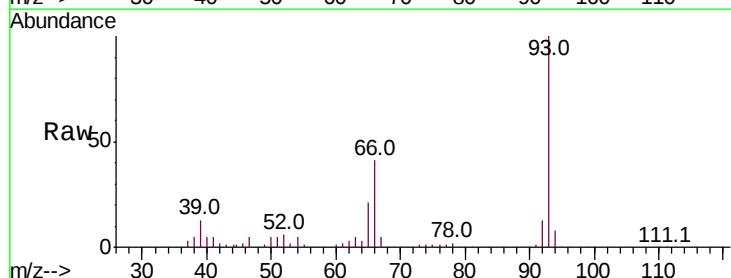
RT: 7.44 min Scan# 706

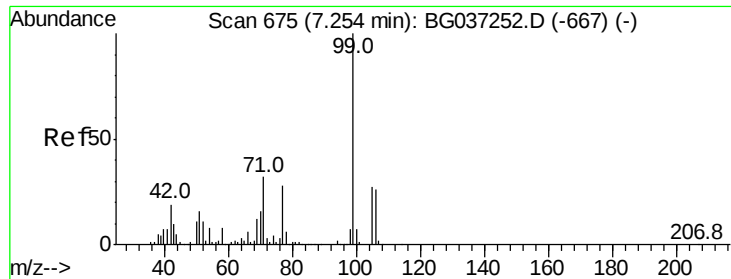
Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Tgt Ion:	93	Resp:	236070
Ion Ratio	Lower	Upper	
93	100		
66	40.6	32.8	49.2
65	20.8	16.4	24.6





#7

Phenol-d6

Concen: 138.240 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

ClientSampleId :

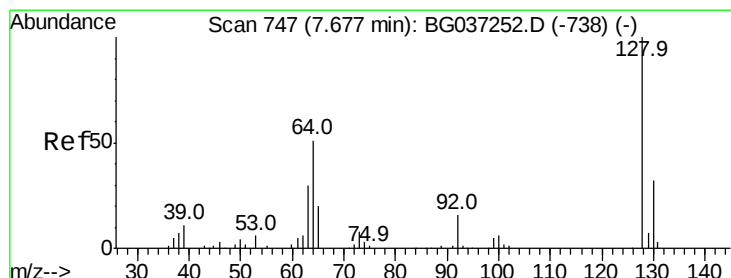
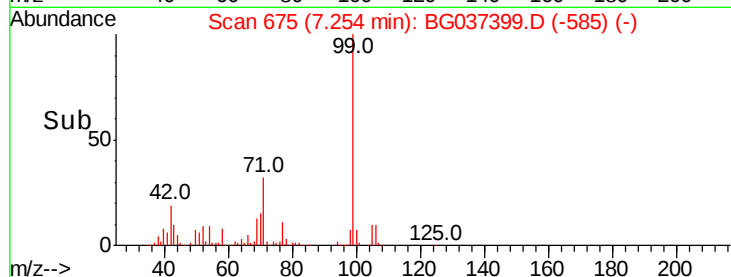
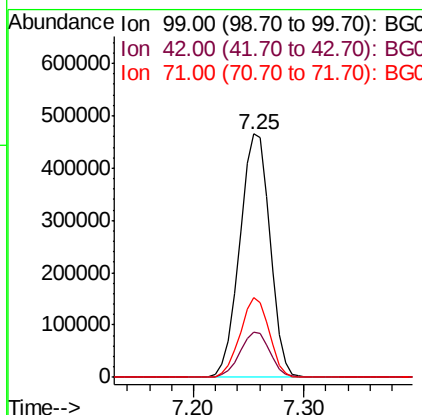
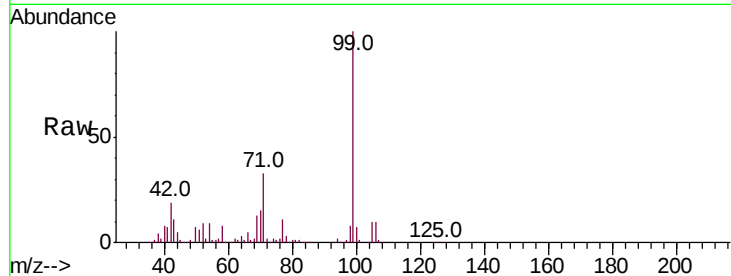
SB-10-5-7FTMS

Tot Ion:	99	Resp:	898578
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.0	22.4
71	32.5	25.5	38.3

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM

10/18/2018 2:25:27 PM



#8

2-Chlorophenol

Concen: 43.723 ng

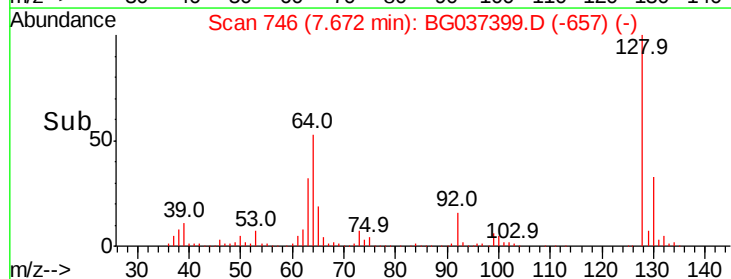
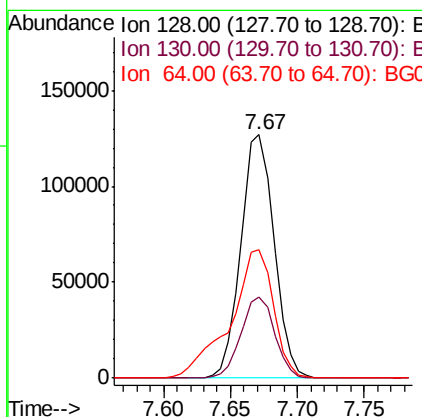
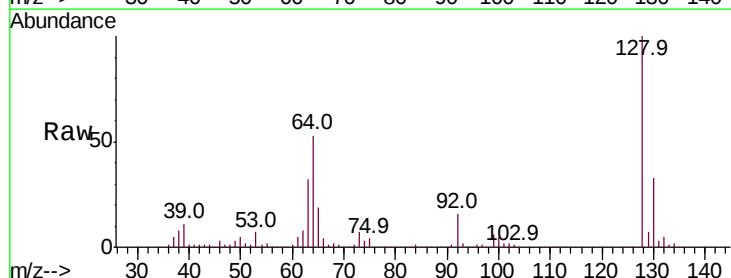
RT: 7.67 min Scan# 746

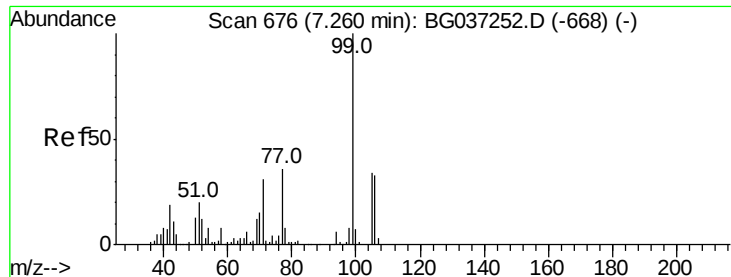
Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Tgt Ion:	128	Resp:	219145
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.0	52.0
64	52.7	32.9	72.9





#9

Benzaldehyde

Concen: 21.359 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

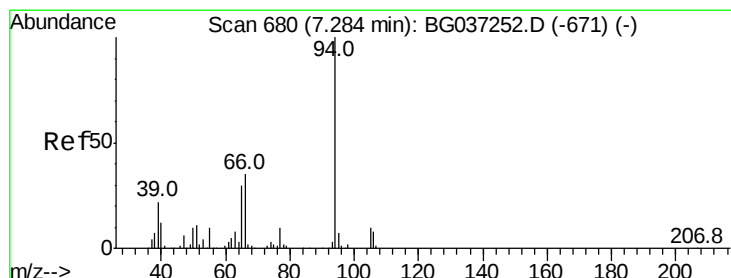
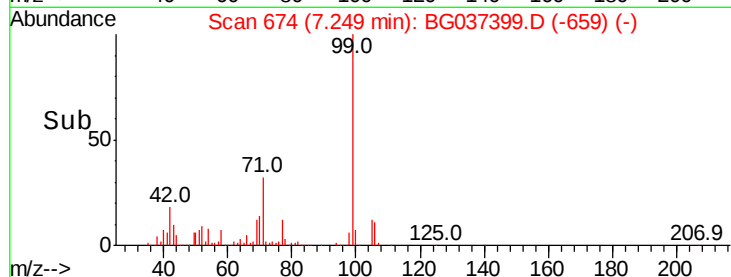
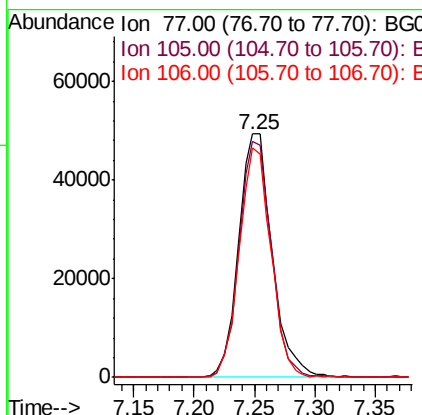
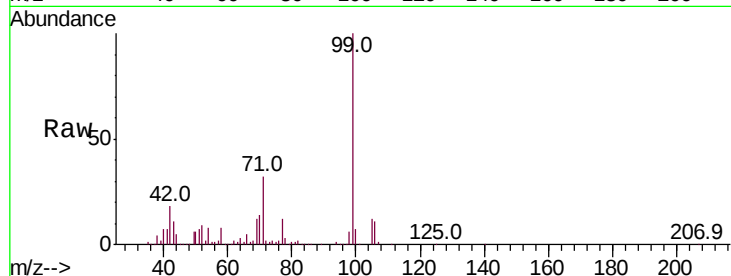
ClientSampleId :

SB-10-5-7FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		95588		
105	96.6	72.6	112.6		
106	94.2	71.3	111.3		

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM



#10

Phenol

Concen: 50.556 ng

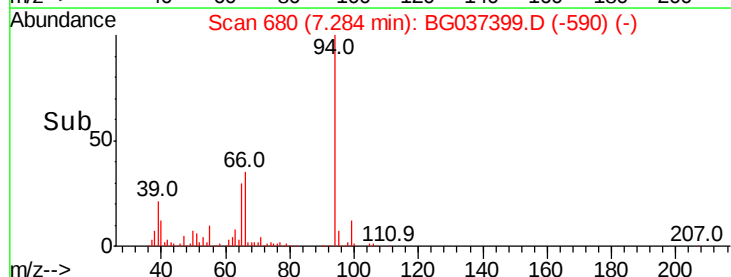
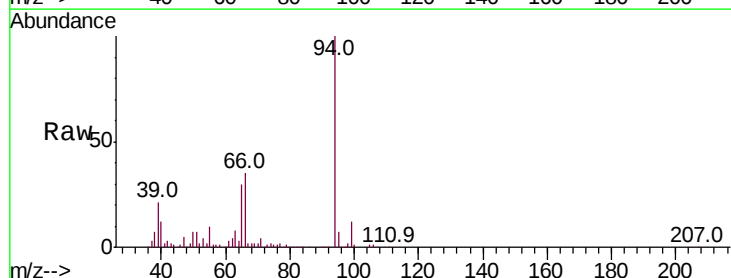
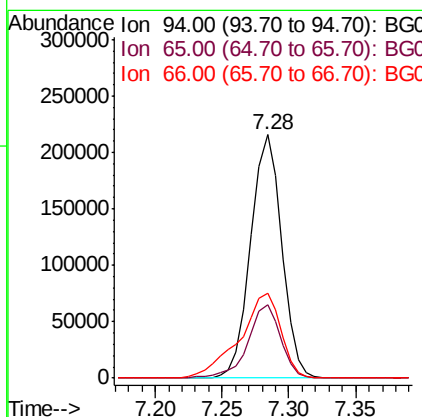
RT: 7.28 min Scan# 680

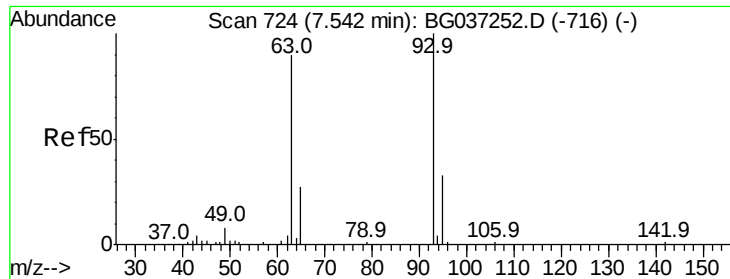
Delta R.T. 0.00 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		346102		
65	30.2	9.7	49.7		
66	35.0	15.9	55.9		





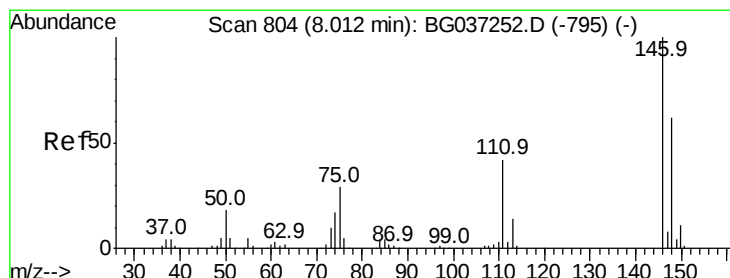
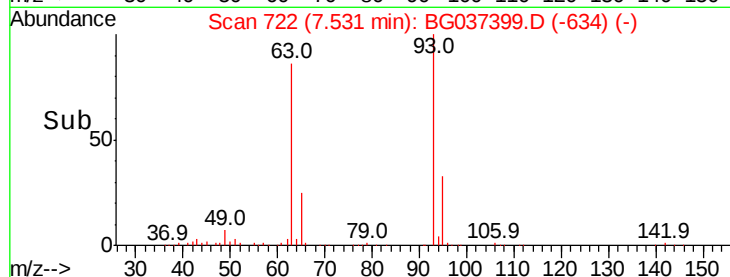
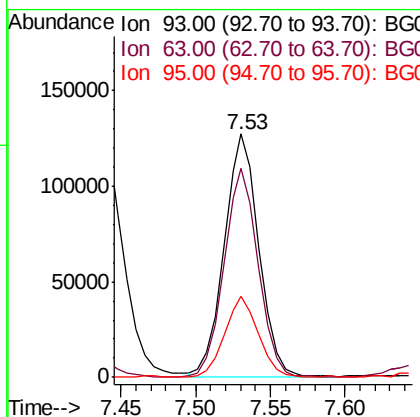
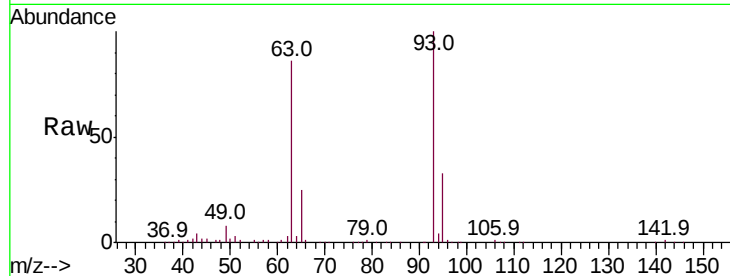
#11
bis(2-Chloroethyl)ether
Concen: 37.040 ng
RT: 7.53 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	69.5	109.5
95	33.1	12.6	52.6

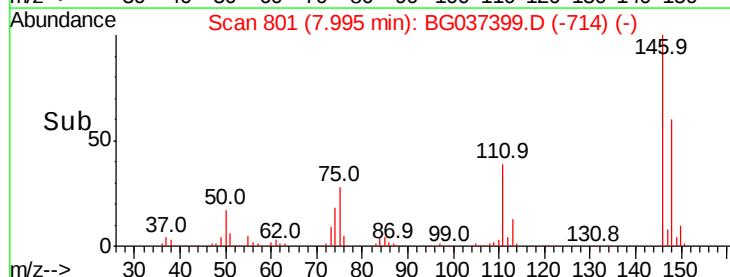
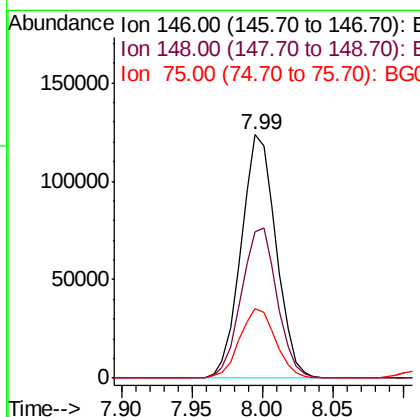
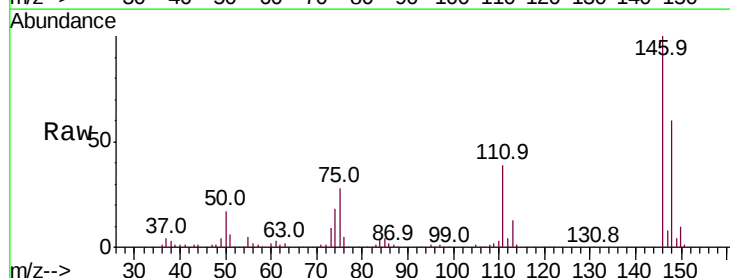
Manual Integrations
APPROVED

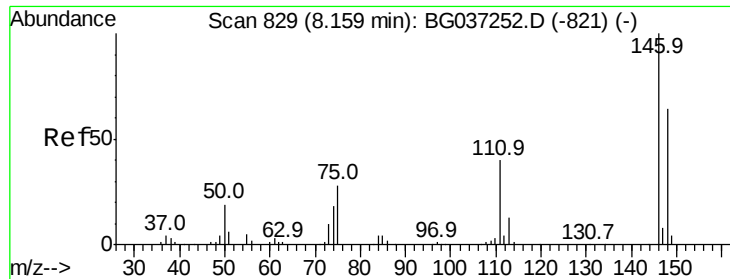
Sohil
10/18/2018 2:25:27 PM



#12
1,3-Dichlorobenzene
Concen: 36.400 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.02 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	49.8	74.8
75	28.4	23.2	34.8





#13
 1,4-Dichlorobenzene
 Concen: 36.075 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

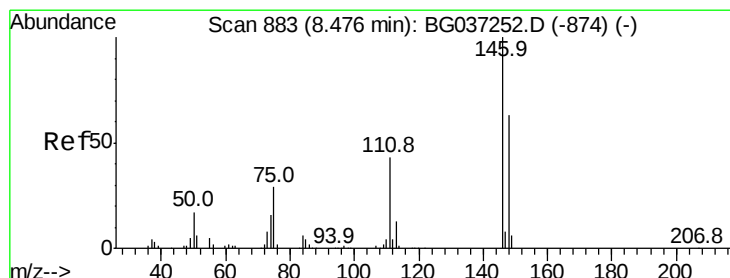
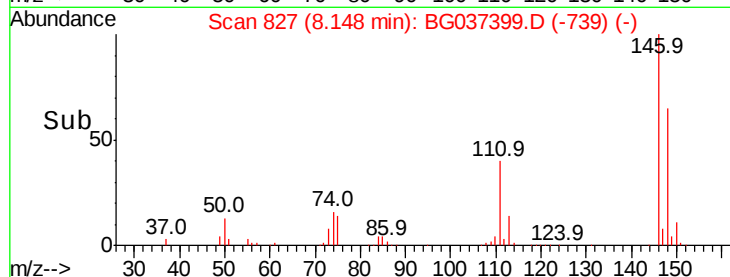
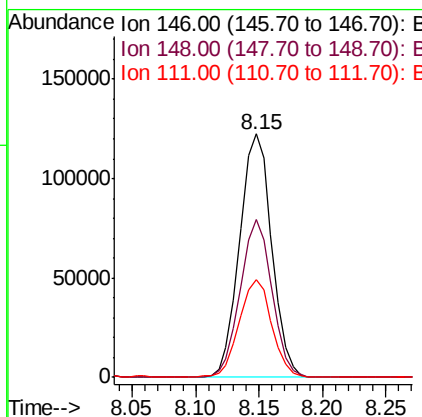
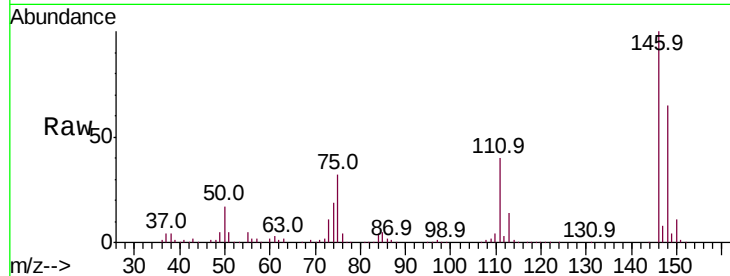
Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
111	39.9	32.4	48.6

Manual Integrations
 APPROVED

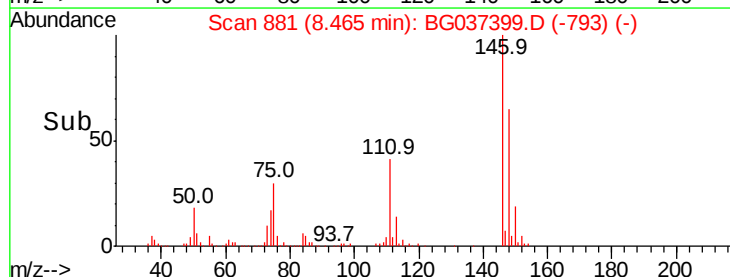
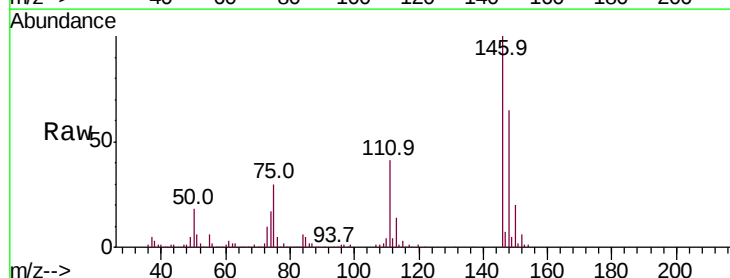
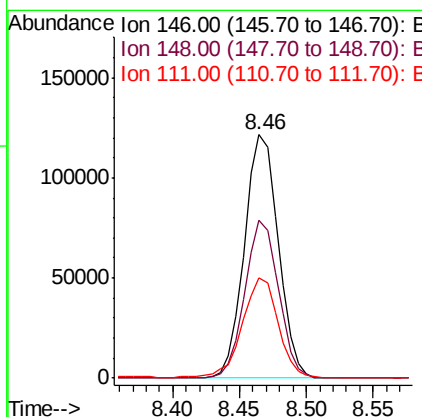
Sohil
 10/18/2018 2:25:27 PM

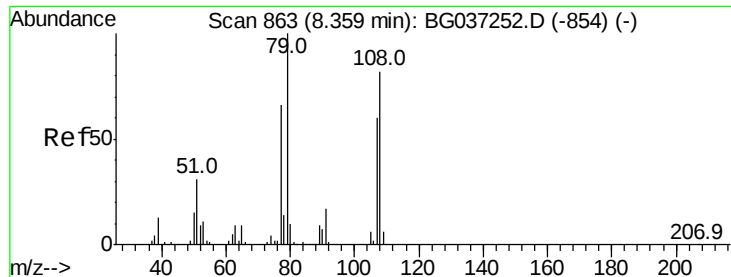
10/18/2018 2:25:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.735 ng
 RT: 8.46 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
111	41.2	34.6	51.8





#15

Benzyl Alcohol

Concen: 41.579 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

ClientSampleId :

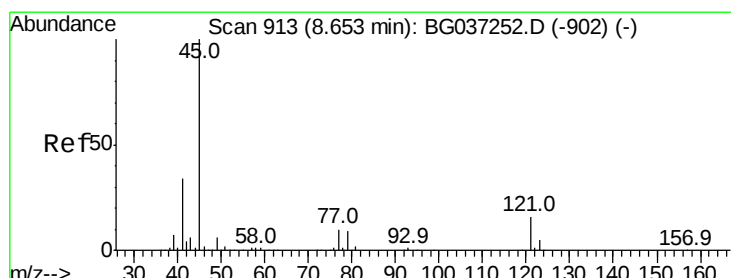
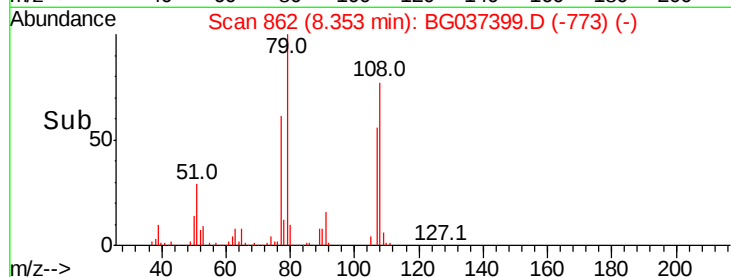
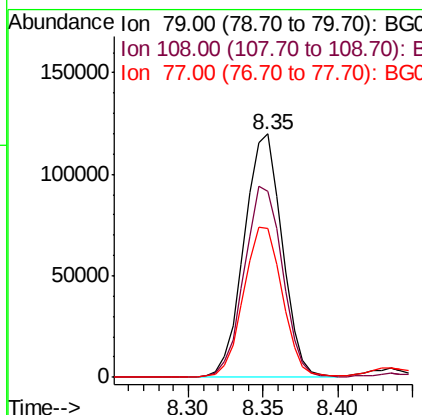
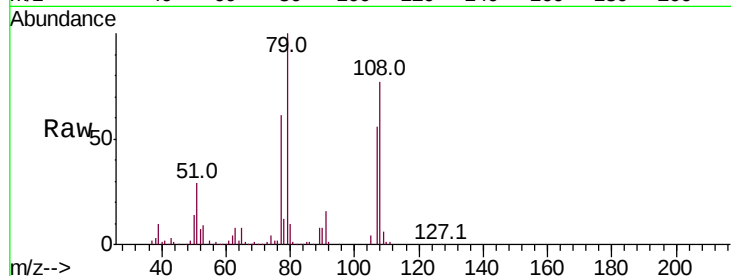
SB-10-5-7FTMS

Tot Ion:	79	Resp:	211409
Ion Ratio	Lower	Upper	
79	100		
108	76.6	65.8	98.8
77	61.4	52.9	79.3

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM

10/18/2018 2:25:27 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.905 ng

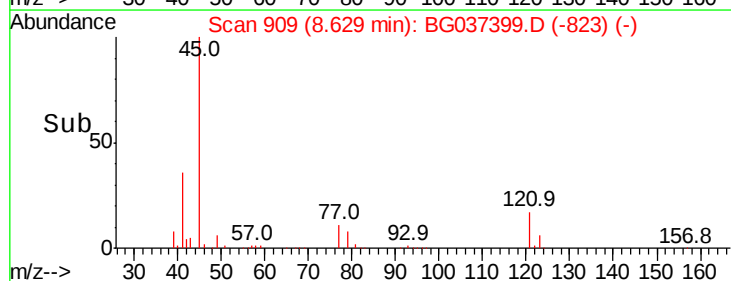
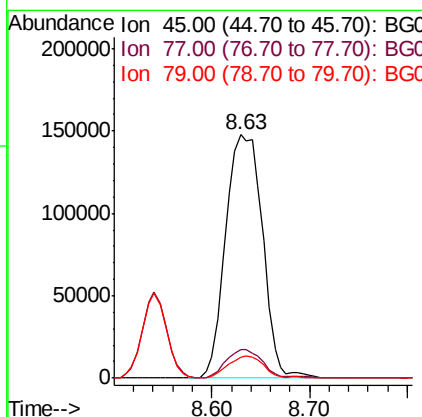
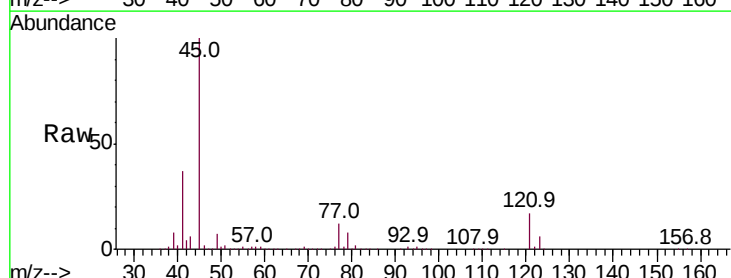
RT: 8.63 min Scan# 909

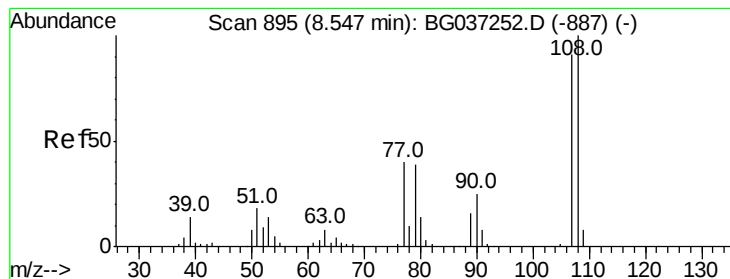
Delta R.T. -0.02 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Tgt Ion:	45	Resp:	385926
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	30.0
79	8.4	0.0	29.0





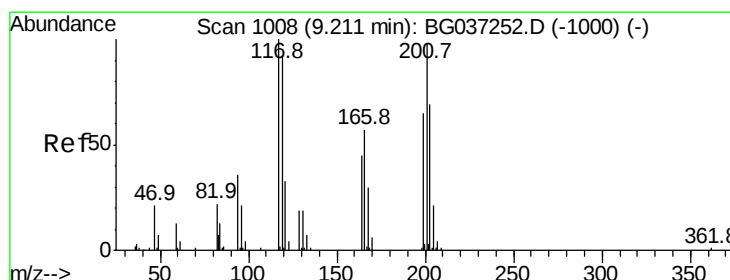
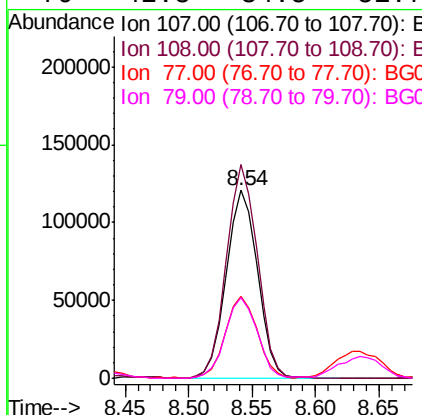
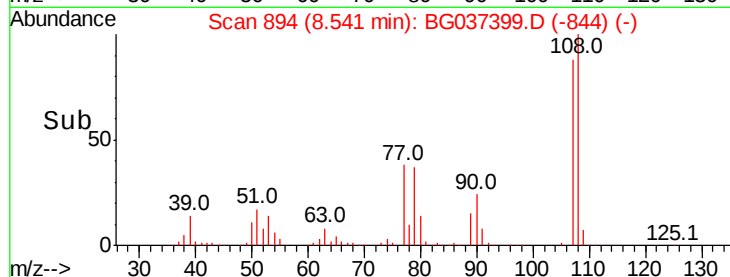
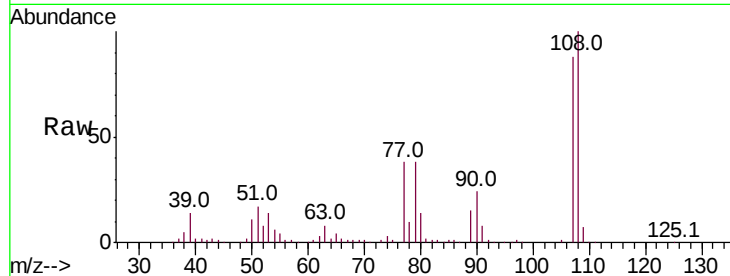
#17
2-Methylphenol
Concen: 45.138 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	87.9	131.9	
77	43.6	35.1	52.7	
79	42.8	34.5	51.7	

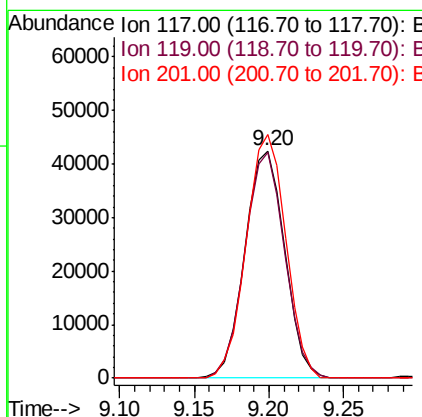
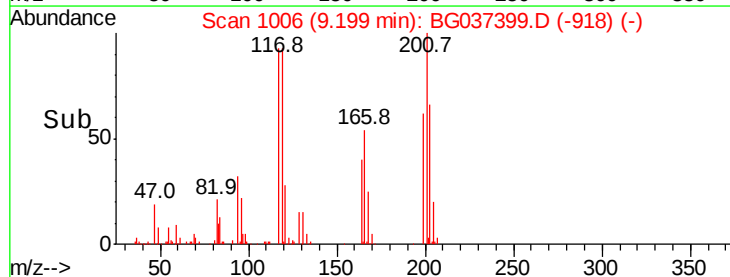
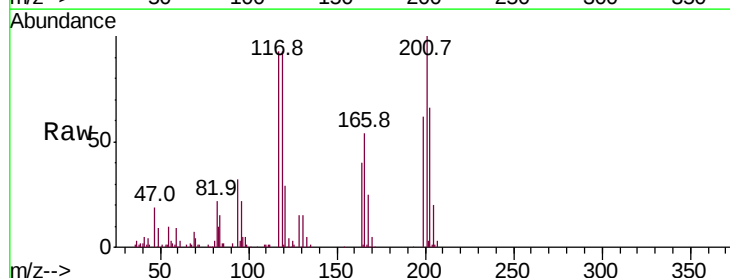
Manual Integrations
APPROVED

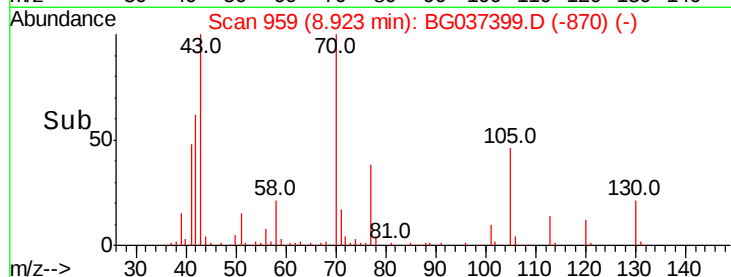
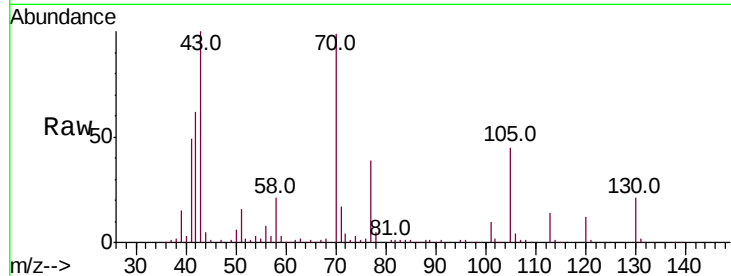
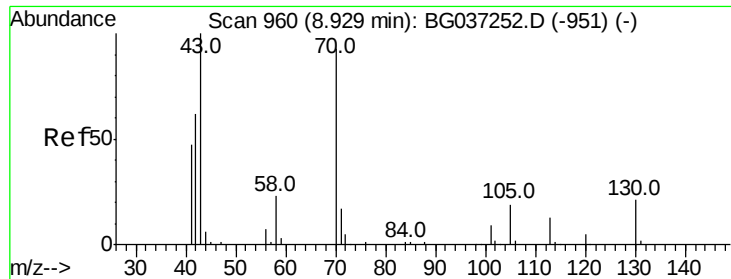
Sohil
10/18/2018 2:25:27 PM



#18
Hexachloroethane
Concen: 38.447 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.3	74.6	111.8	
201	110.1	80.8	121.2	





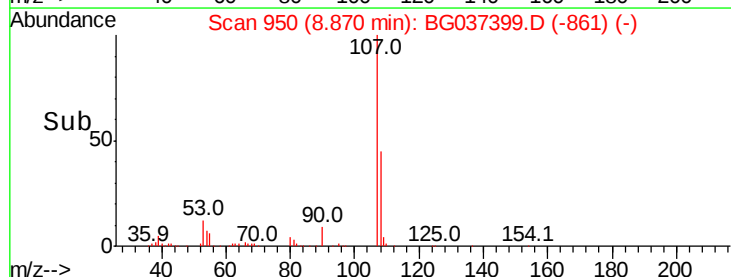
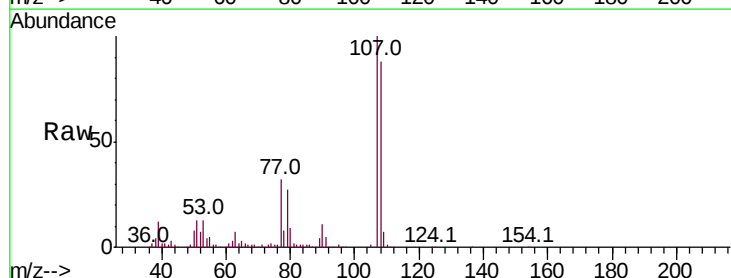
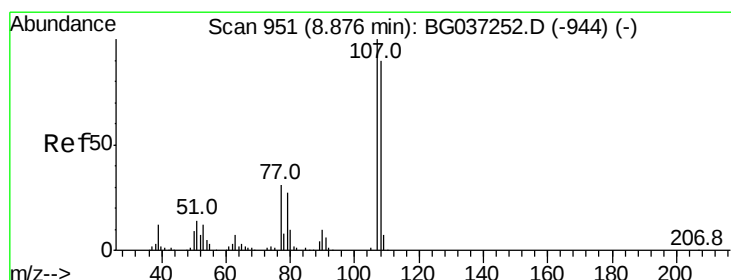
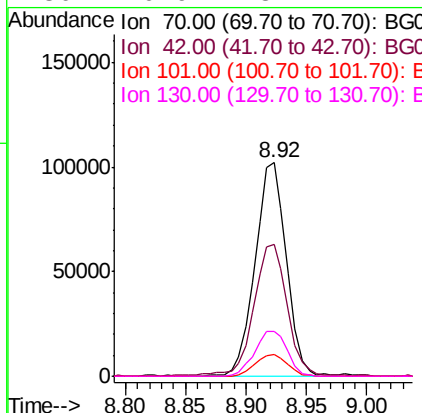
#19
n-Nitroso-di-n-propylamine
Concen: 37.079 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	53.9	80.9
101	10.2	8.2	12.2
130	20.9	18.2	27.4

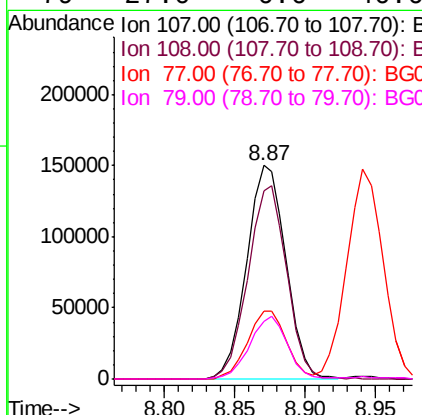
Manual Integrations
APPROVED

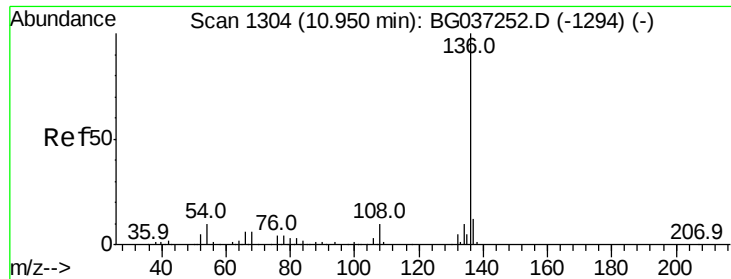
Sohil
10/18/2018 2:25:27 PM



#20
3+4-Methylphenols
Concen: 45.468 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	69.9	109.9
77	31.9	11.2	51.2
79	27.0	6.6	46.6





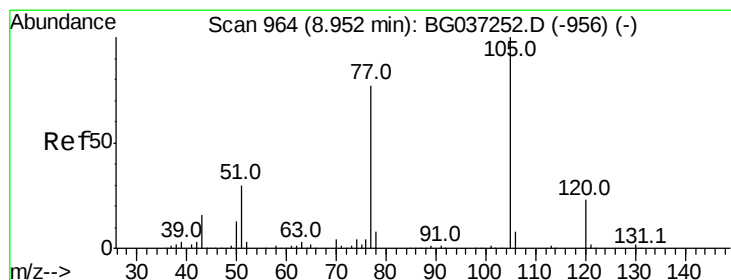
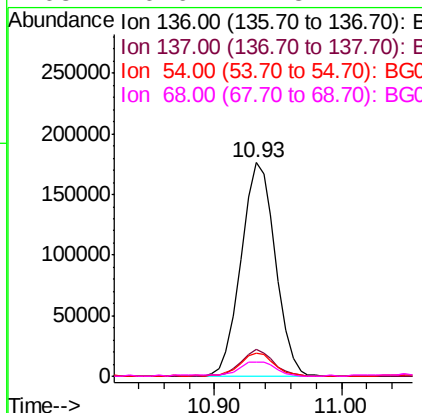
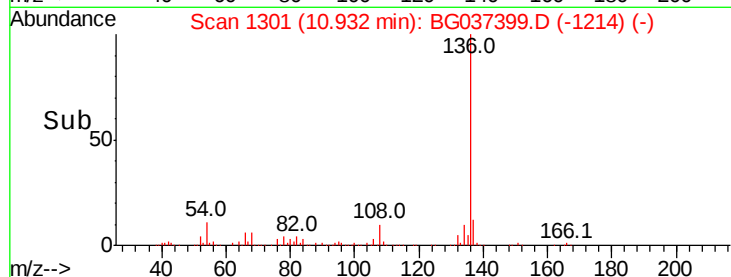
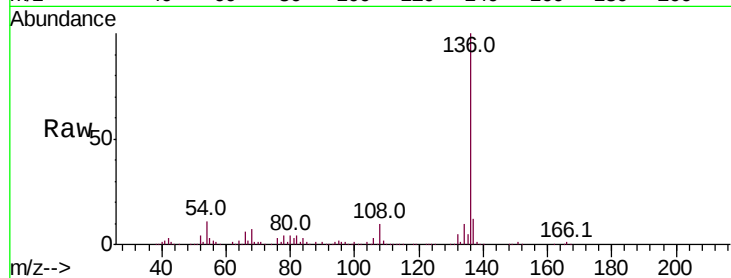
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.3	9.6	14.4	
54	10.9	7.9	11.9	
68	6.6	4.8	7.2	

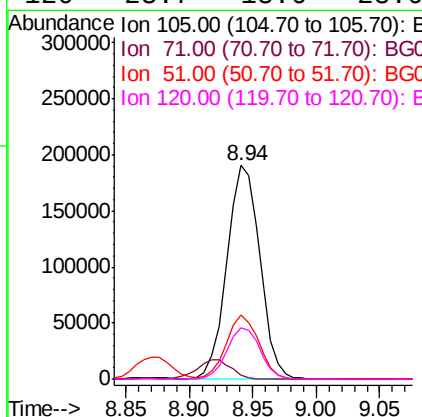
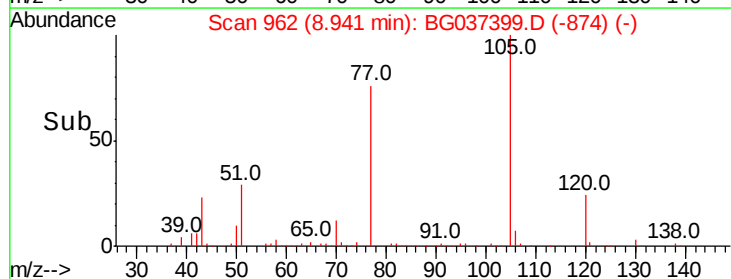
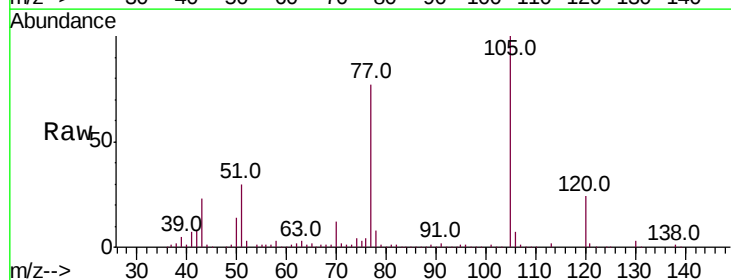
Manual Integrations
APPROVED

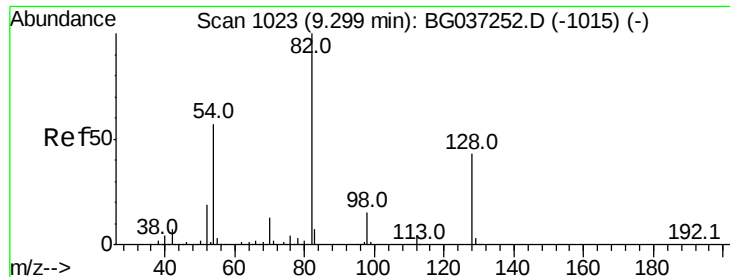
Sohil
10/18/2018 2:25:27 PM



#22
Acetophenone
Concen: 41.030 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	1.2	1.8#	
51	29.7	25.0	37.6	
120	23.7	18.6	28.0	





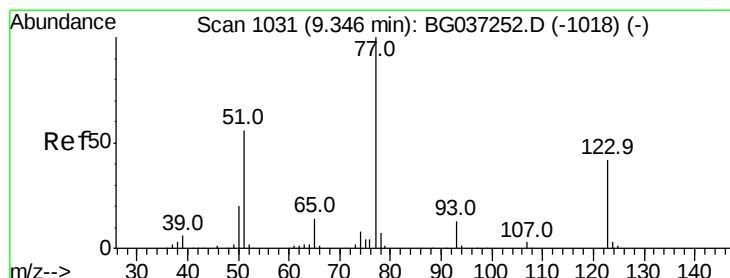
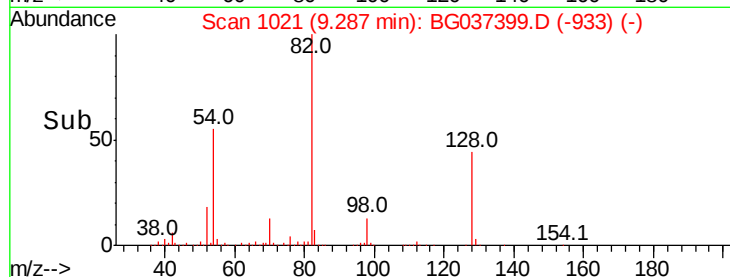
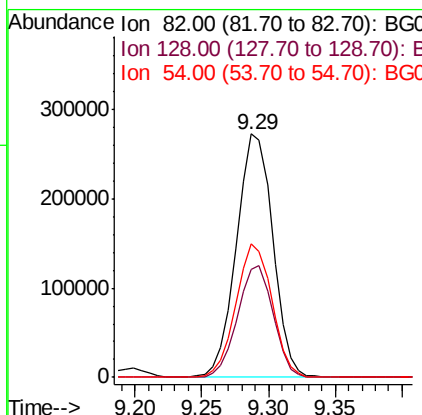
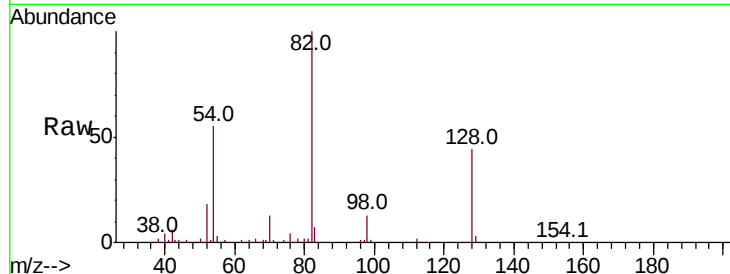
#23
Nitrobenzene-d5
Concen: 102.473 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	55.0	45.3	67.9

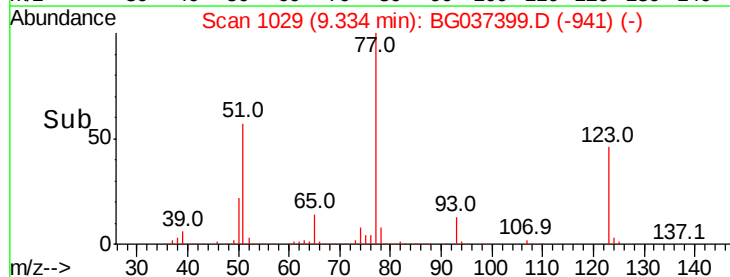
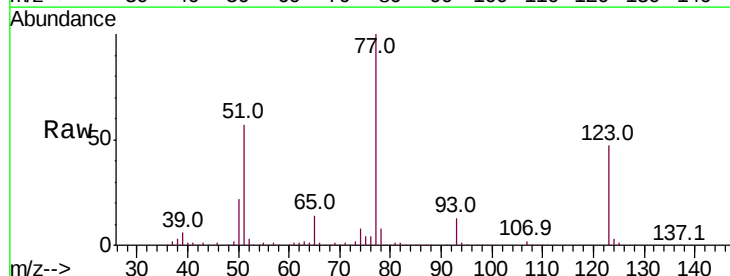
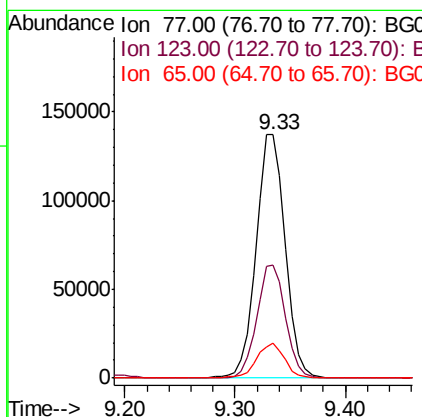
Manual Integrations
APPROVED

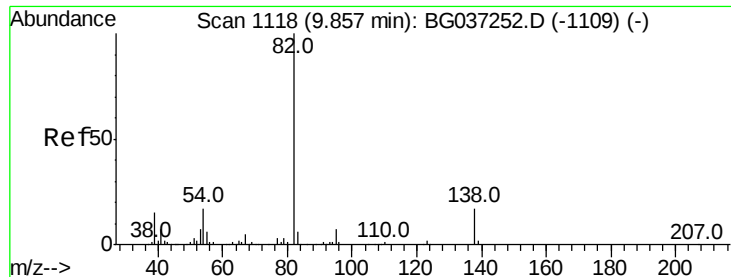
Sohil
10/18/2018 2:25:27 PM



#24
Nitrobenzene
Concen: 46.929 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	33.6	50.4
65	14.3	11.3	16.9





#25

Isophorone

Concen: 45.760 ng

RT: 9.85 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

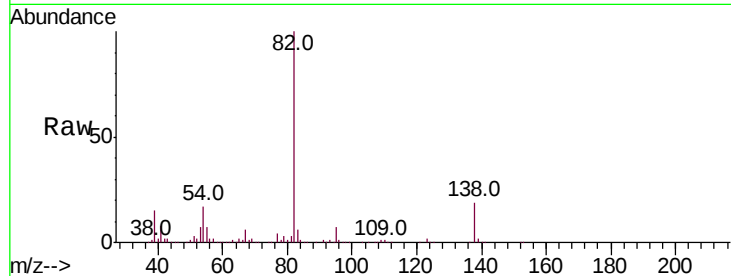
ClientSampleId :

SB-10-5-7FTMS

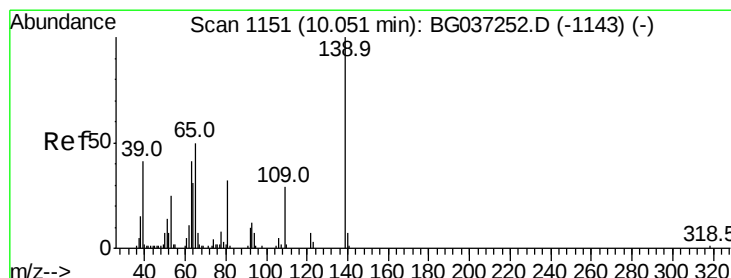
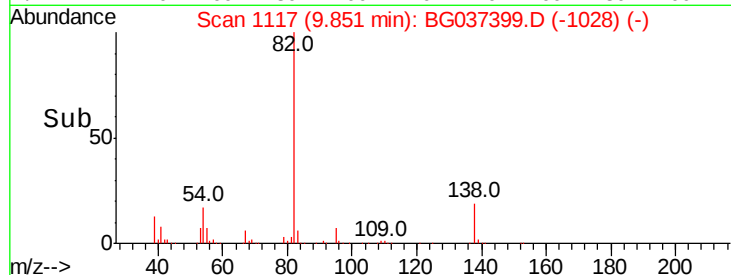
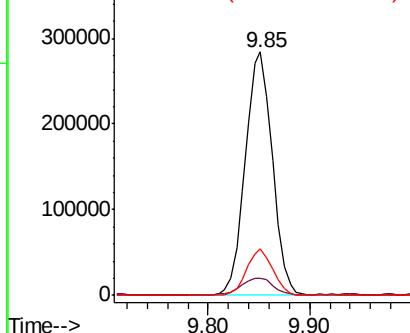
Tot Ion:	82	Resp:	524495
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.3	7.9
138	18.9	13.3	19.9

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 56.722 ng

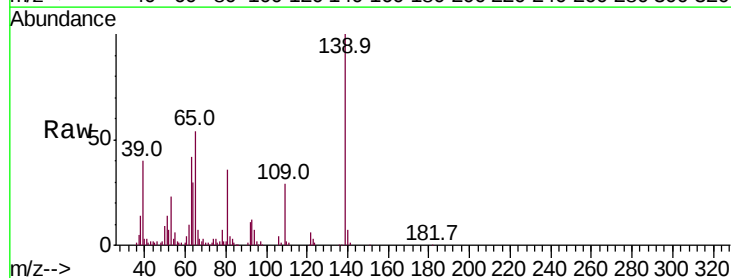
RT: 10.04 min Scan# 1149

Delta R.T. -0.01 min

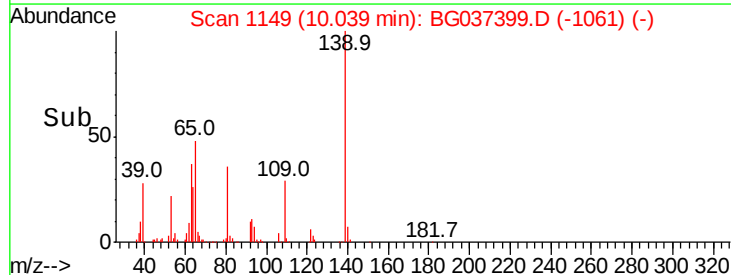
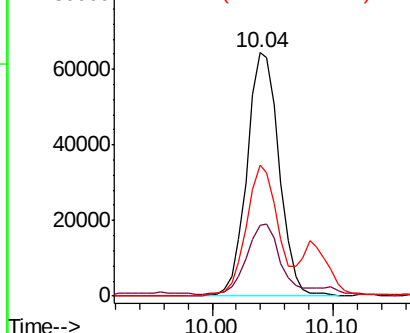
Lab File: BG037399.D

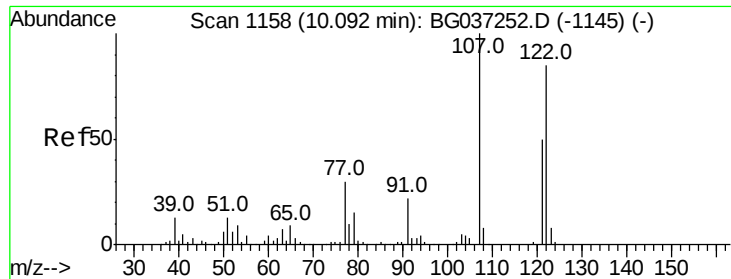
Acq: 17 Oct 2018 20:46

Tgt Ion:	139	Resp:	119565
Ion Ratio	Lower	Upper	
139	100		
109	29.3	23.3	34.9
65	54.0	39.8	59.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27
 2,4-Dimethylphenol
 Concen: 51.920 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

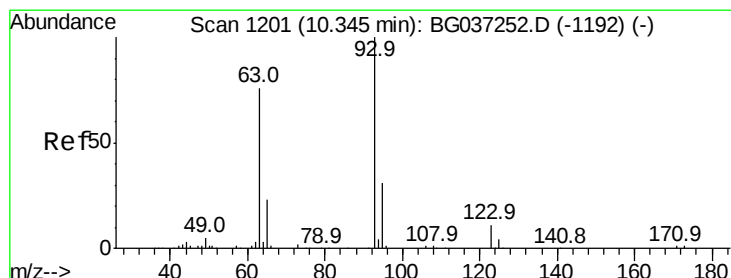
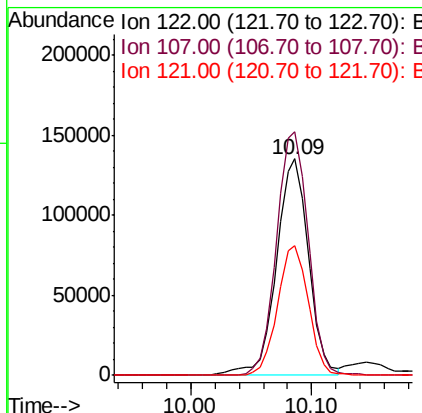
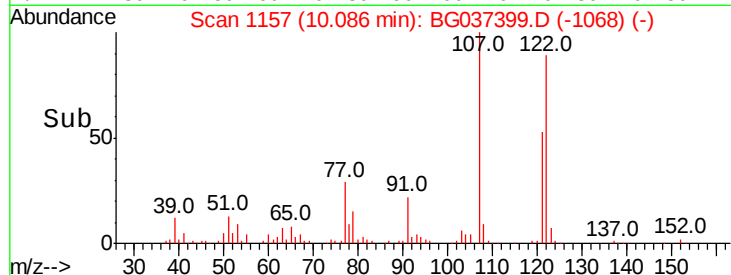
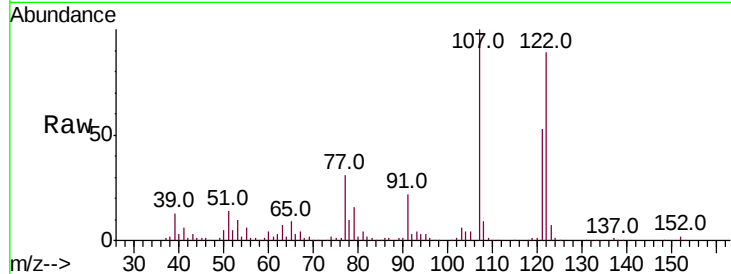
Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.4	94.2	141.2
121	59.7	47.3	70.9

Manual Integrations
 APPROVED

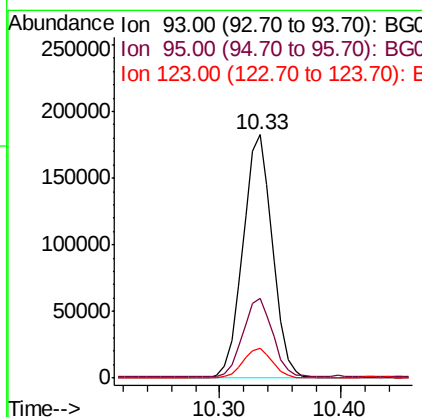
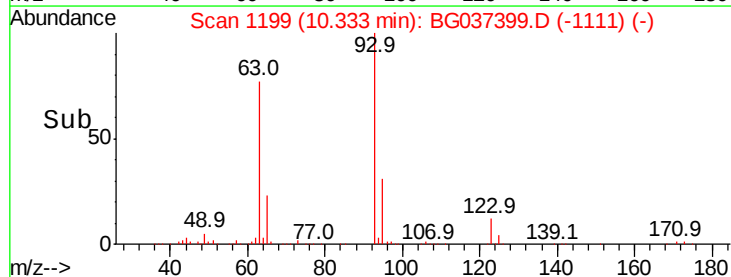
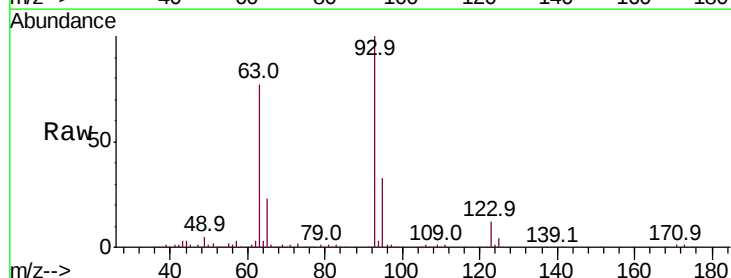
Sohil
 10/18/2018 2:25:27 PM

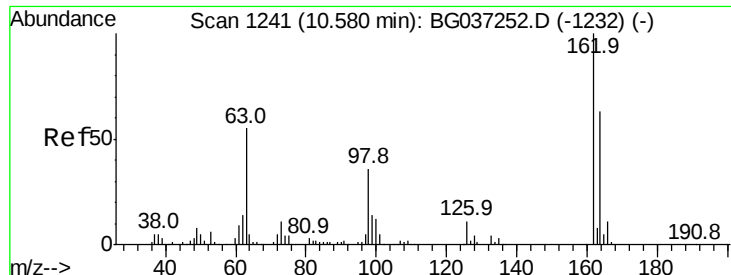
10/18/2018 2:25:27 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.394 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.6	37.0
123	12.2	9.1	13.7





#29
 2,4-Dichlorophenol
 Concen: 50.248 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

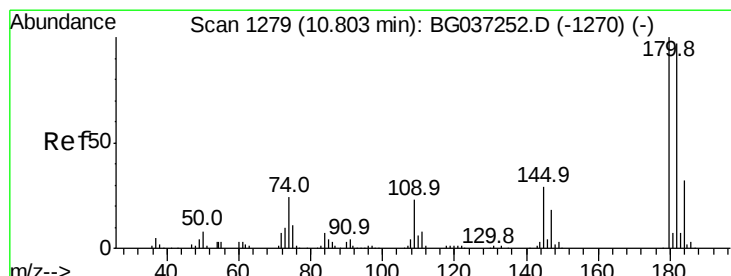
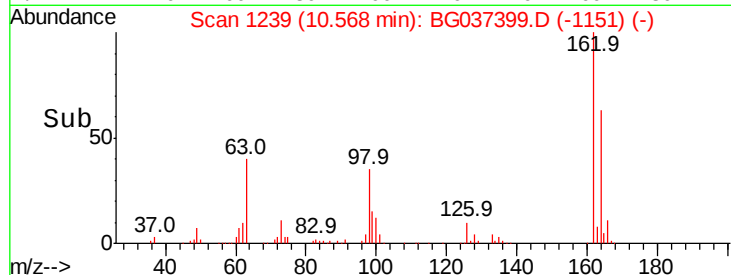
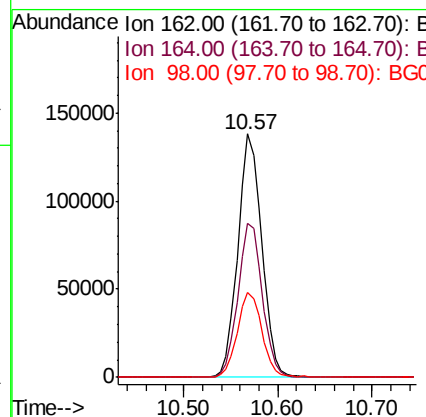
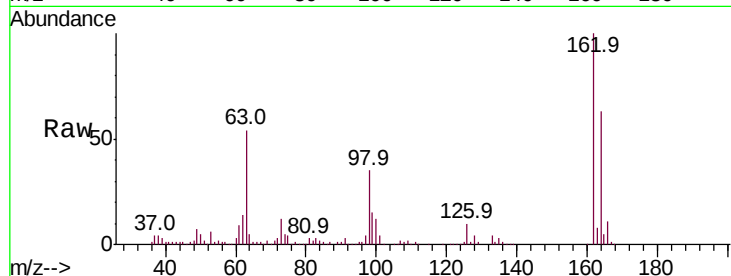
Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FTMS

Tot Ion:	162	Resp:	244365
Ion Ratio	Lower	Upper	
162	100		
164	63.4	43.2	83.2
98	34.9	16.0	56.0

Manual Integrations
 APPROVED

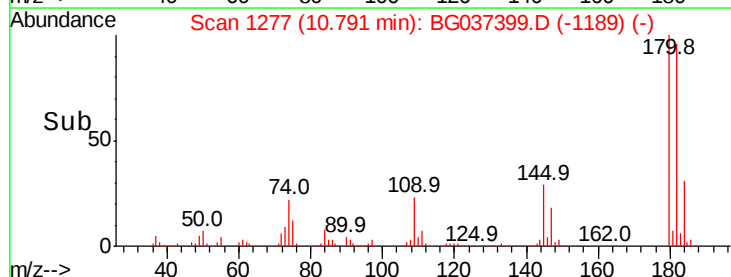
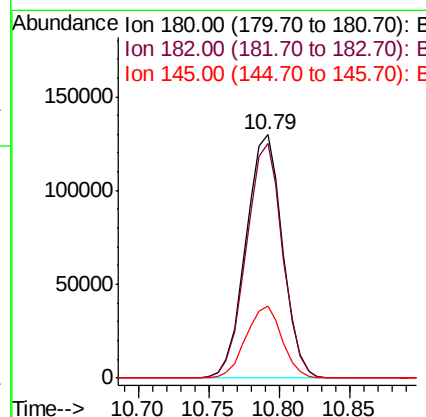
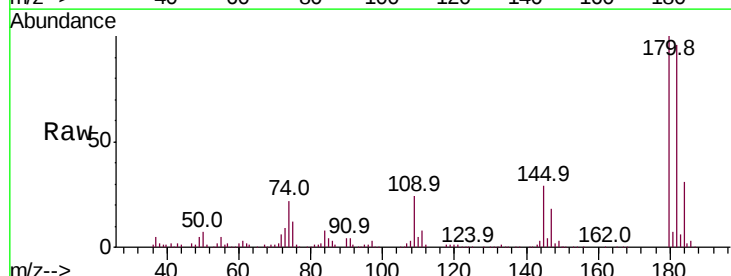
Sohil
 10/18/2018 2:25:27 PM

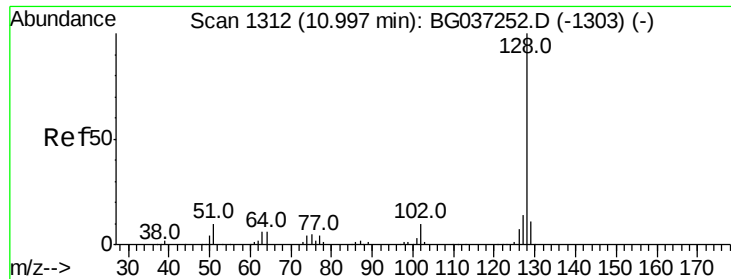
10/18/2018 2:25:27 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.828 ng
 RT: 10.79 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Tgt Ion:	180	Resp:	235697
Ion Ratio	Lower	Upper	
180	100		
182	96.2	77.7	116.5
145	29.4	23.3	34.9





#31
Naphthalene
Concen: 43.876 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

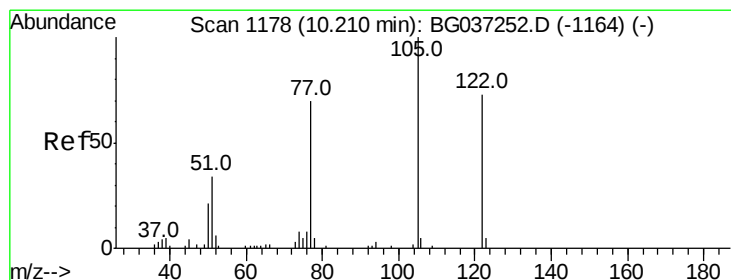
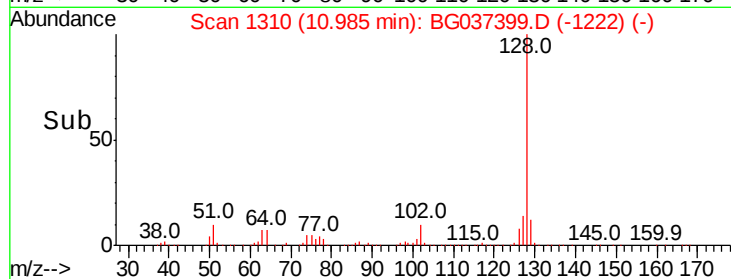
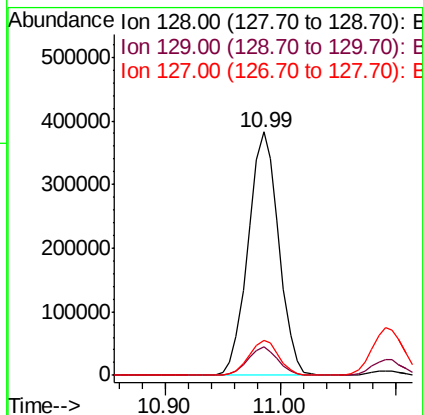
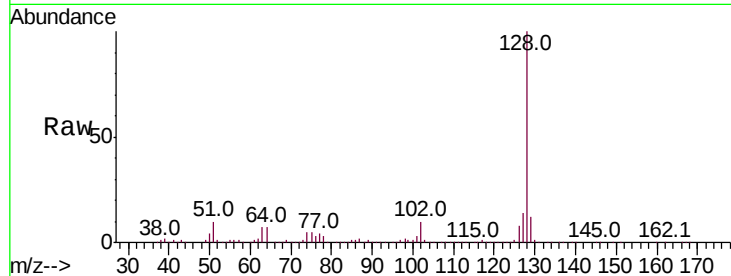
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.3	11.1	16.7

Manual Integrations
APPROVED

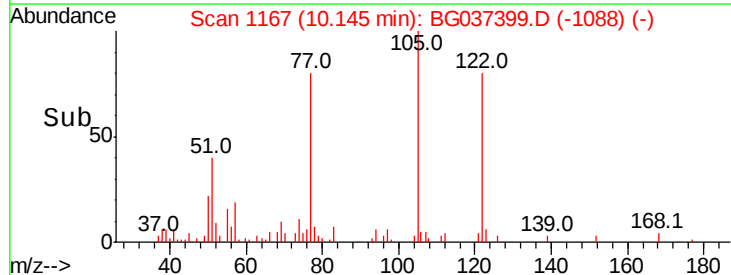
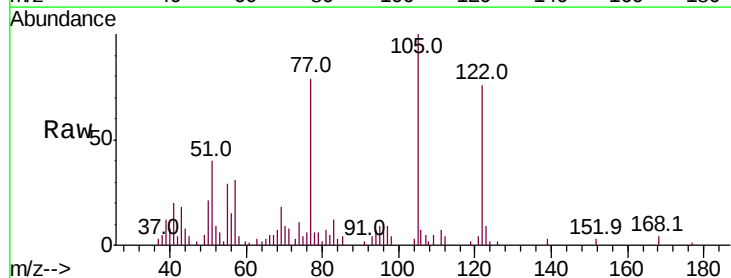
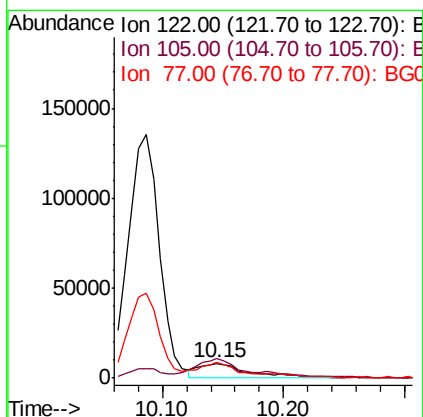
Sohil
10/18/2018 2:25:27 PM

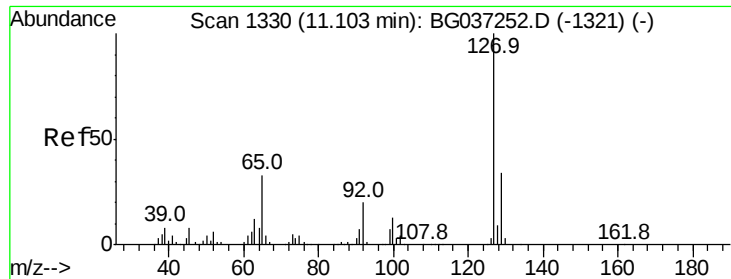
10/18/2018 2:25:27 PM



#32
Benzoic acid
Concen: 8.326 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	131.6	106.7	146.7
77	104.1	72.2	112.2





#33
4-Chloroaniline
Concen: 18.980 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

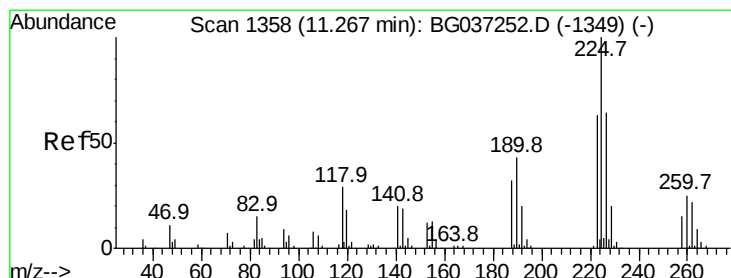
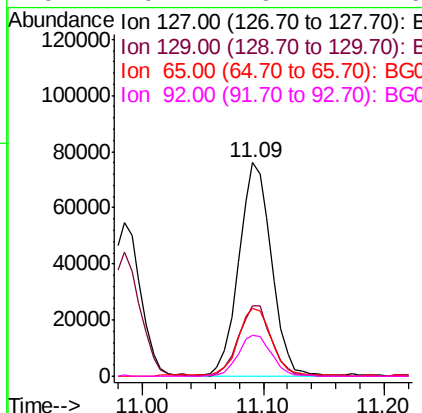
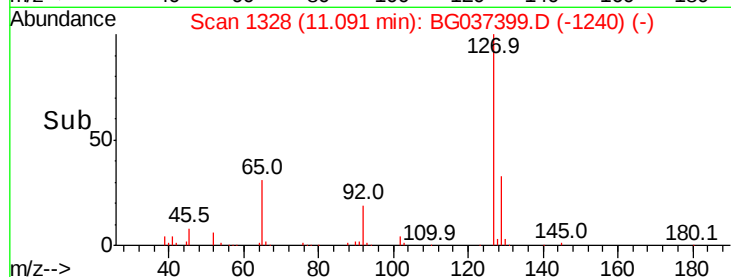
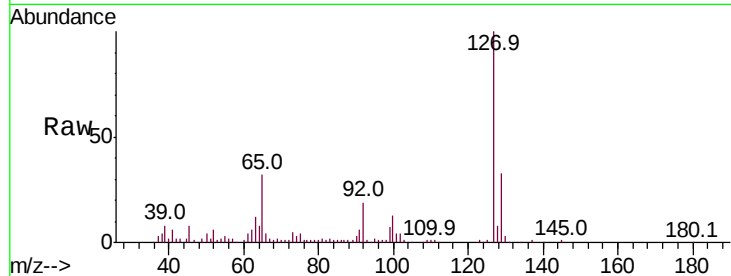
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	27.1	40.7	
65	32.1	26.6	39.8	
92	19.4	16.4	24.6	

Manual Integrations
APPROVED

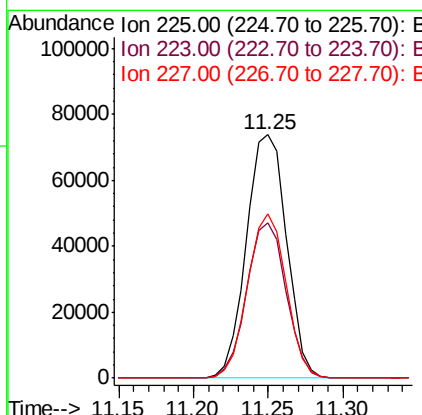
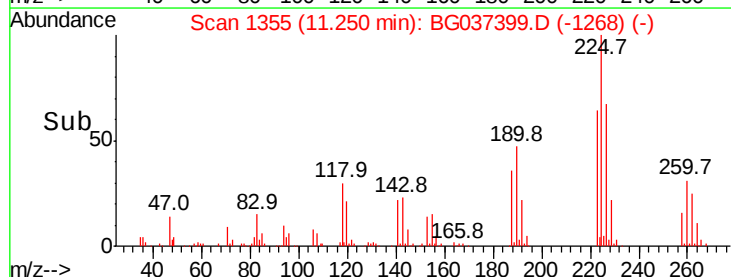
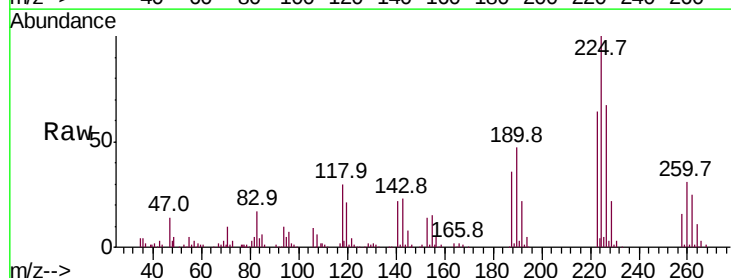
Sohil
10/18/2018 2:25:27 PM

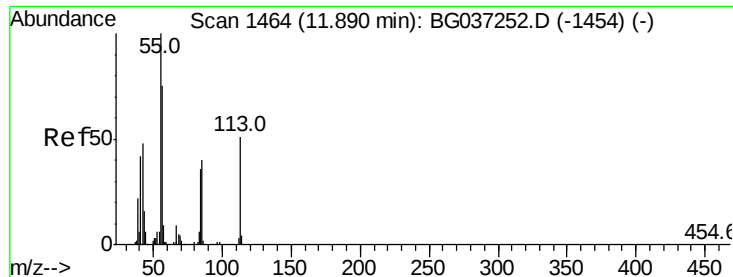
10/18/2018 2:25:27 PM



#34
Hexachlorobutadiene
Concen: 37.395 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.7	48.2	72.4	
227	67.2	51.6	77.4	





#35

Caprolactam

Concen: 48.864 ng/mL

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

ClientSampleID :

SB-10-5-7FTMS

Tot Ion:113 Resp: 96878

Ion Ratio Lower Upper

113 100

55 205.5 176.6 216.6

56 132.2 128.3 168.3

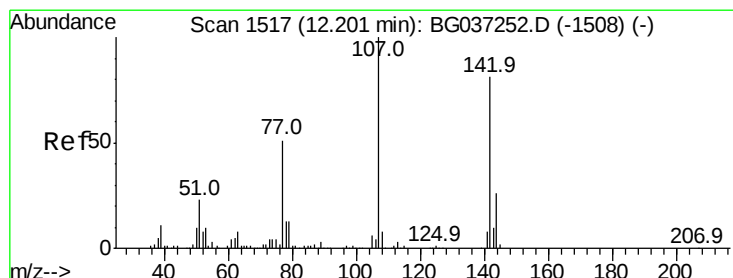
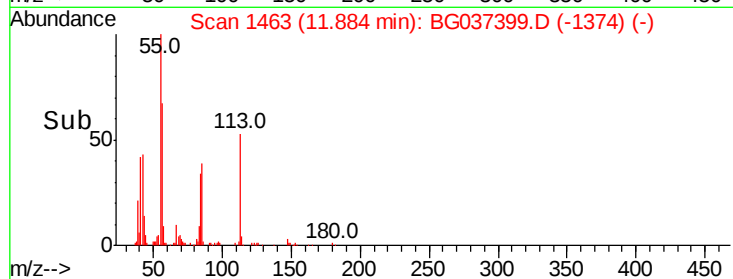
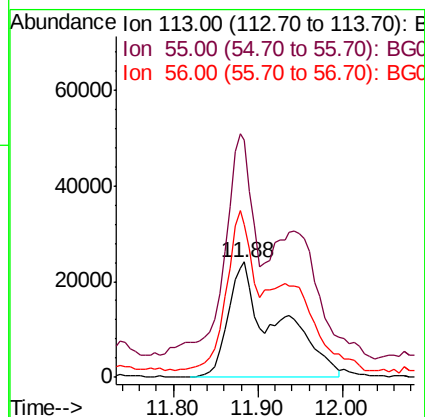
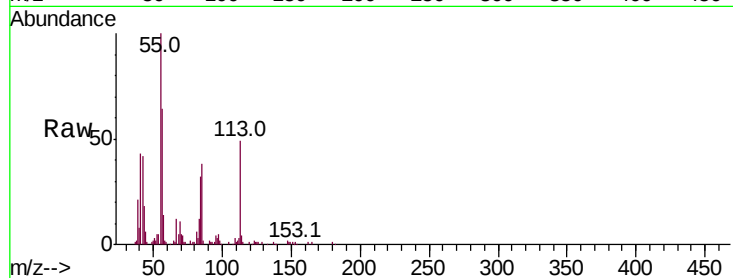
Manual Integrations

APPROVED

Sohil

10/18/2018 2:25:27 PM

10/18/2018 2:25:27 PM



#36

4-Chloro-3-methylphenol

Concen: 46.215 ng/mL

RT: 12.20 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

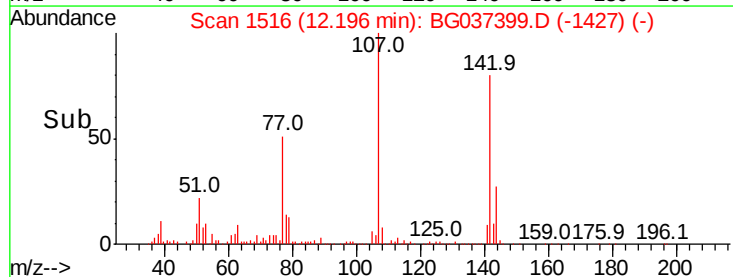
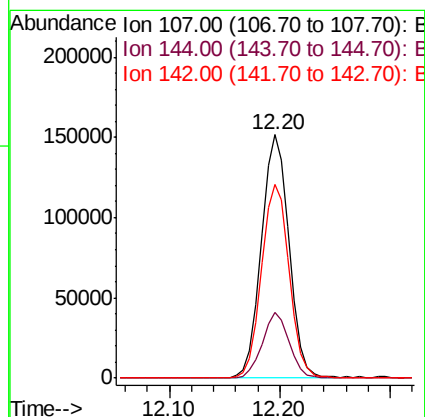
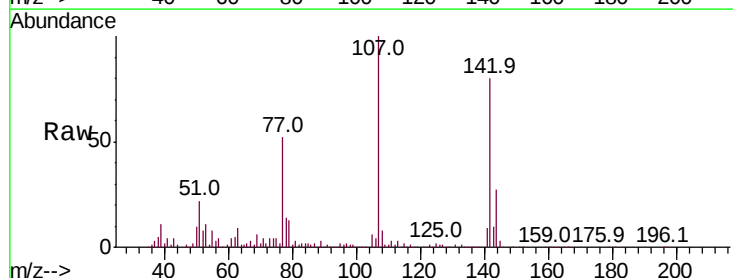
Tgt Ion:107 Resp: 265438

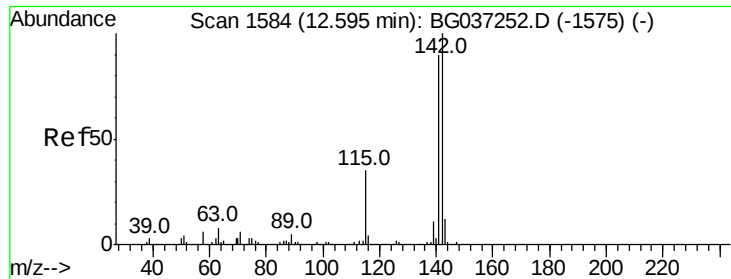
Ion Ratio Lower Upper

107 100

144 26.8 20.7 31.1

142 79.8 64.4 96.6





#37

2-Methylnaphthalene

Concen: 44.950 ng

RT: 12.58 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BG037399.D

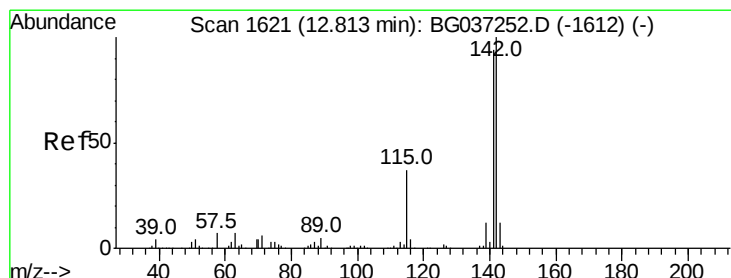
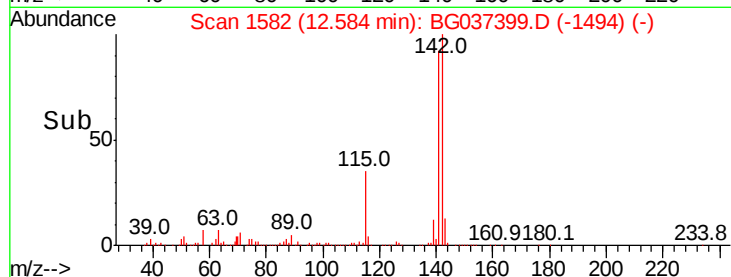
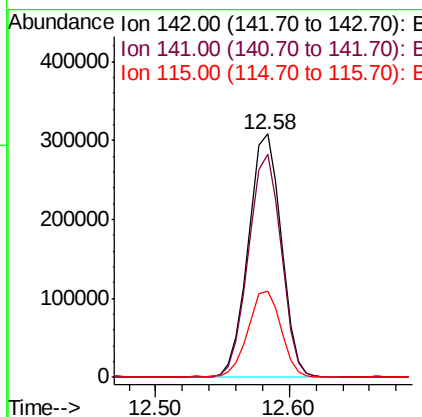
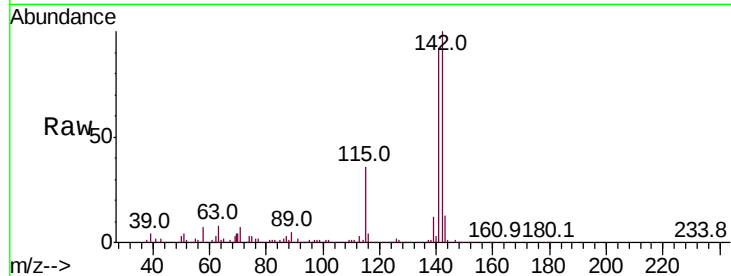
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.9	107.9
115	35.5	27.8	41.8

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM



#38

1-Methylnaphthalene

Concen: 44.942 ng

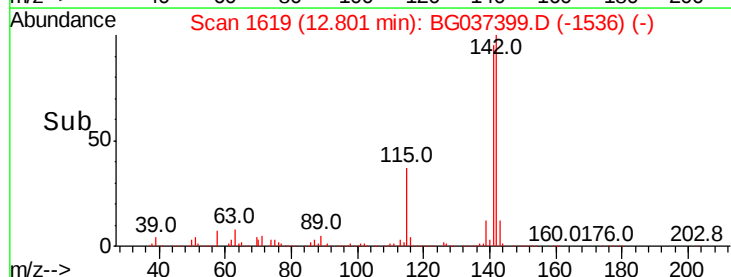
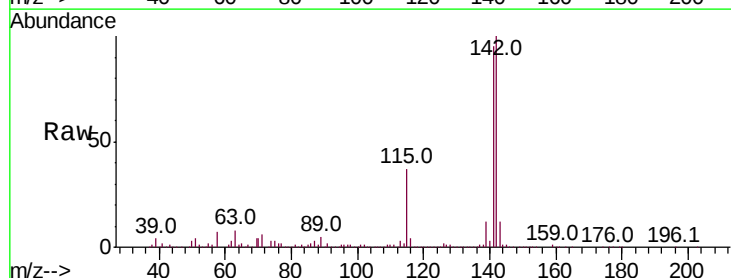
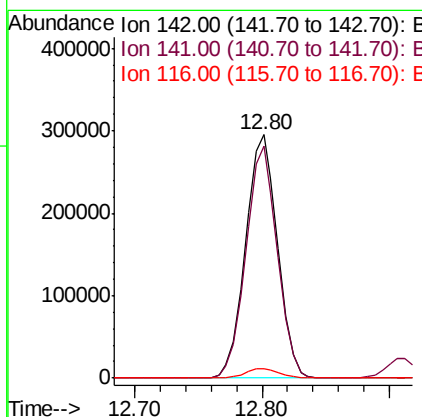
RT: 12.80 min Scan# 1619

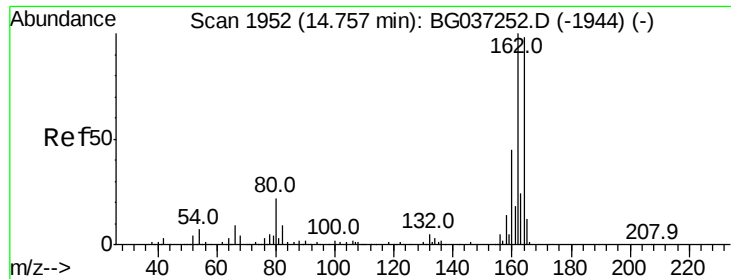
Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.2	112.8
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

ClientSampleId :

SB-10-5-7FTMS

Tot Ion:164 Resp: 213785

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

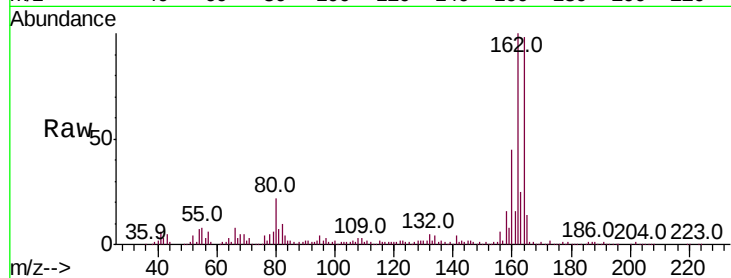
160 45.9 36.3 54.5

Manual Integrations

APPROVED

Sohil

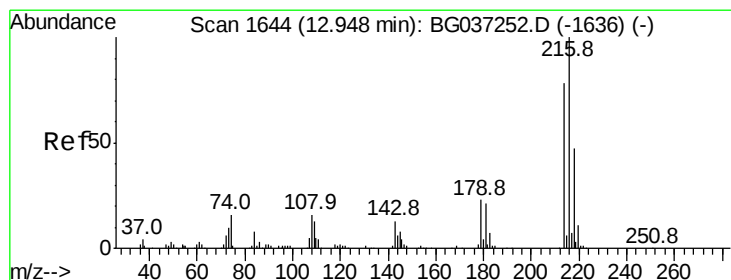
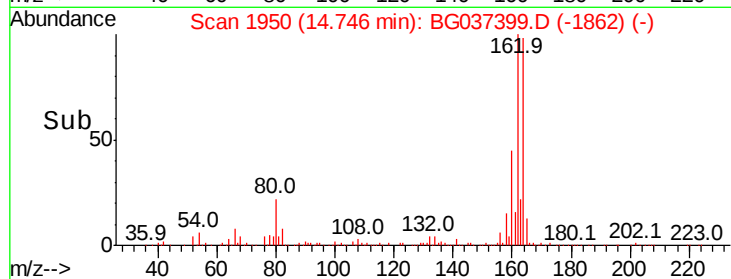
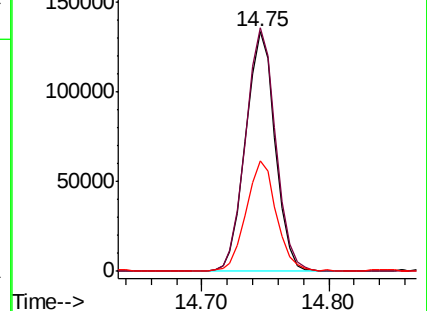
10/18/2018 2:25:27 PM



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: 39.759 ng

RT: 12.94 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Tgt Ion:216 Resp: 275263

Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 20.8 17.4 26.0

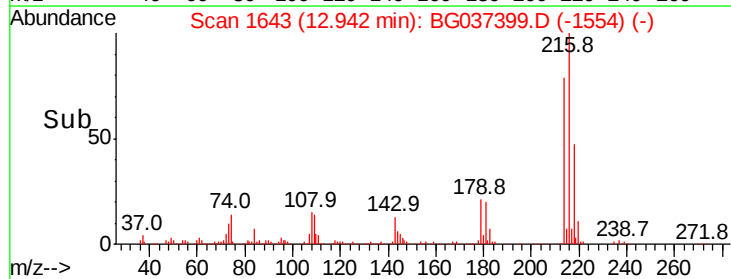
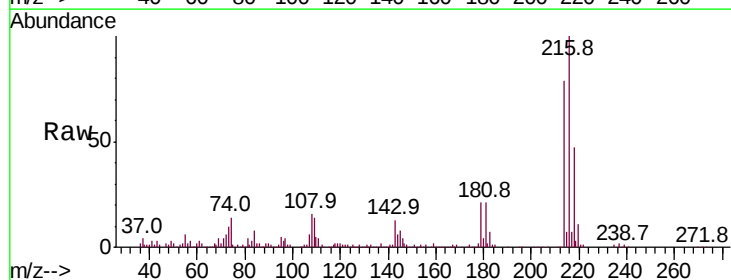
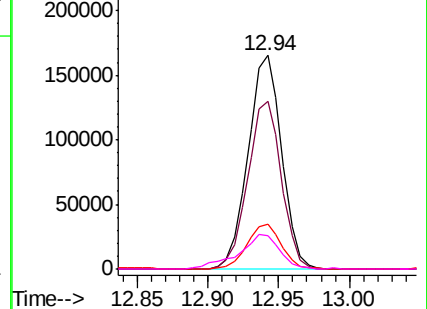
108 19.7 13.9 20.9

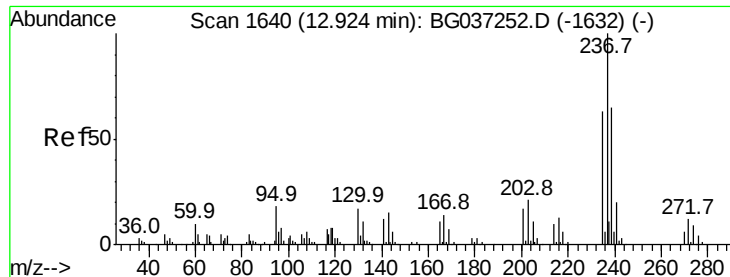
Abundance Ion 216.00 (215.70 to 216.70): E

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: 111.848 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

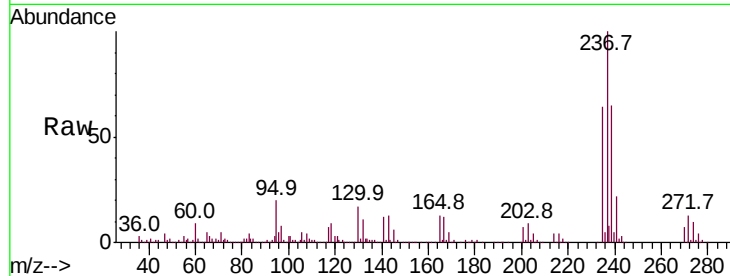
ClientSampleId :

SB-10-5-7FTMS

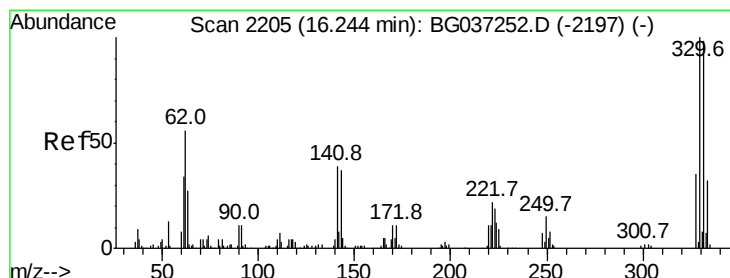
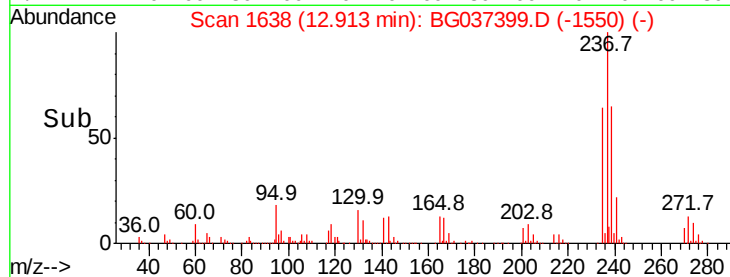
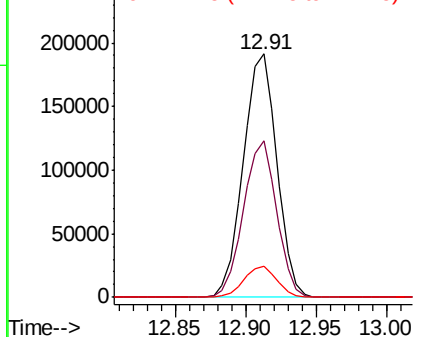
Tot Ion:	237	Resp:	319228
Ion Ratio	Lower	Upper	
237	100		
235	64.3	42.5	82.5
272	12.9	0.0	31.6

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM



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: 148.069 ng

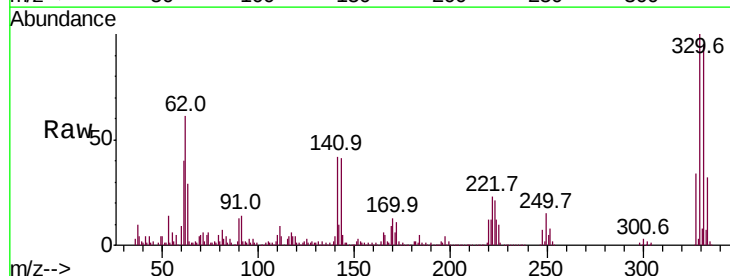
RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

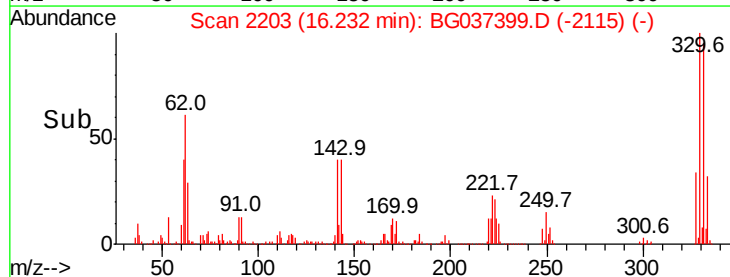
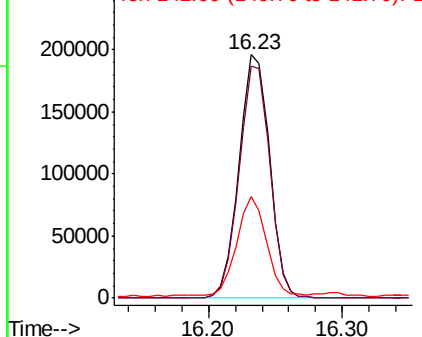
Lab File: BG037399.D

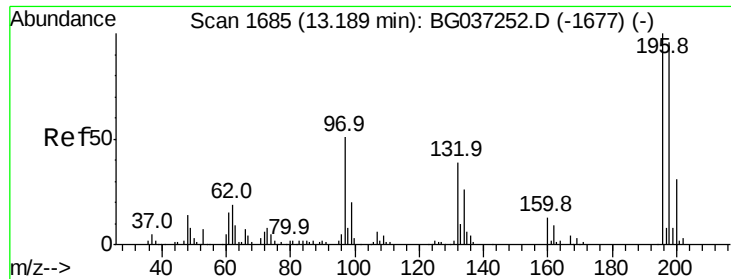
Acq: 17 Oct 2018 20:46

Tgt Ion:	330	Resp:	310446
Ion Ratio	Lower	Upper	
330	100		
332	95.9	78.4	117.6
141	40.3	32.2	48.2



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: 50.240 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

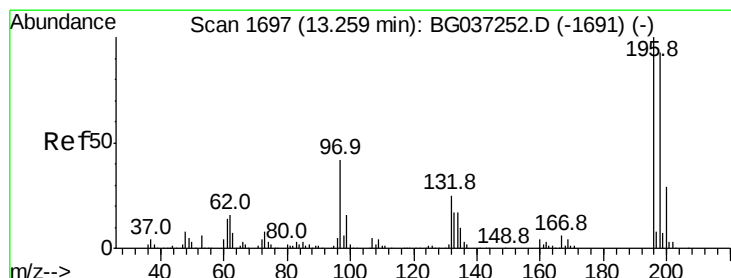
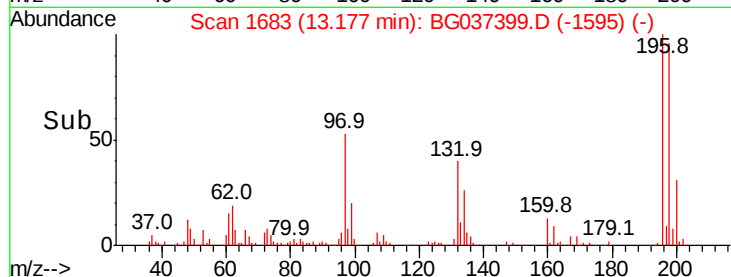
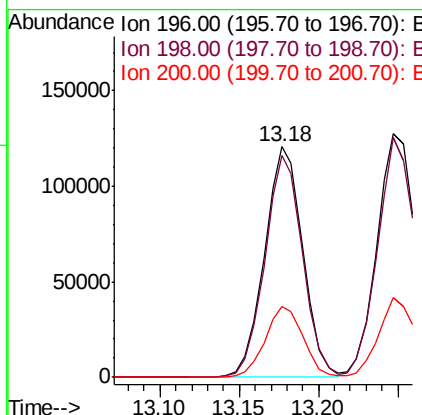
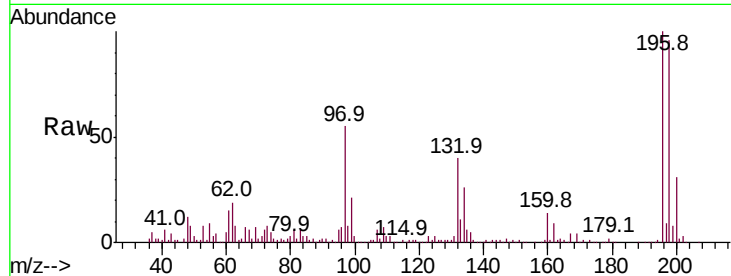
Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FTMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	201779		
198	96.2	76.4	114.6	
200	30.8	24.9	37.3	

Manual Integrations
 APPROVED

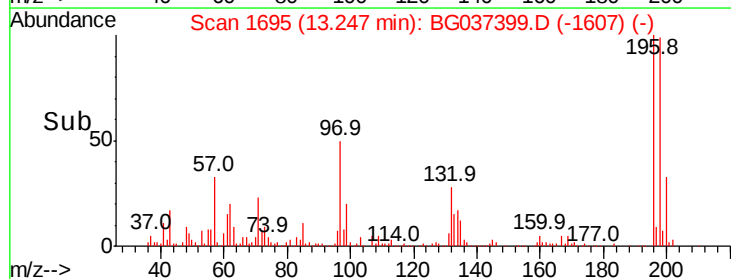
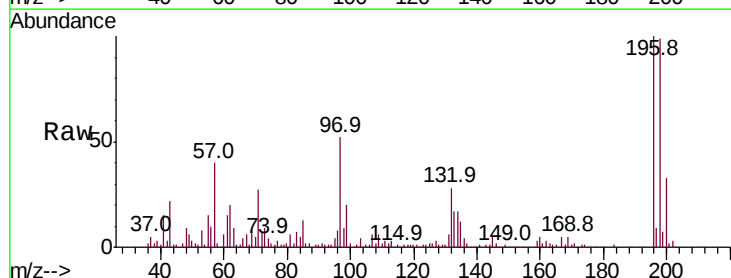
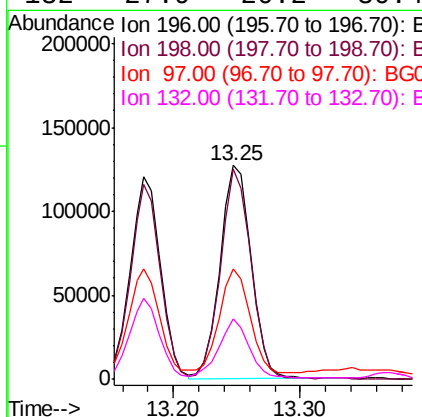
Sohil
 10/18/2018 2:25:27 PM

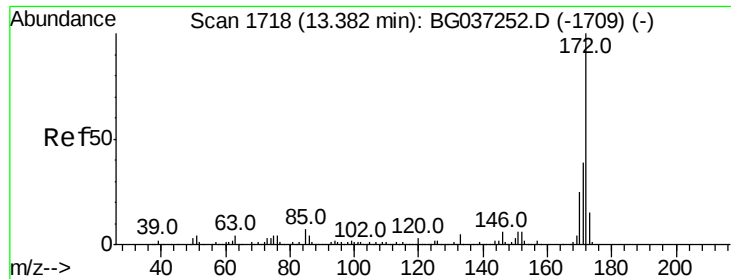
10/18/2018 2:25:27 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.120 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216583		
198	98.5	74.2	111.2	
97	51.8	34.1	51.1#	
132	27.9	20.2	30.4	





#45
2-Fluorobiphenyl
Concen: 80.371 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

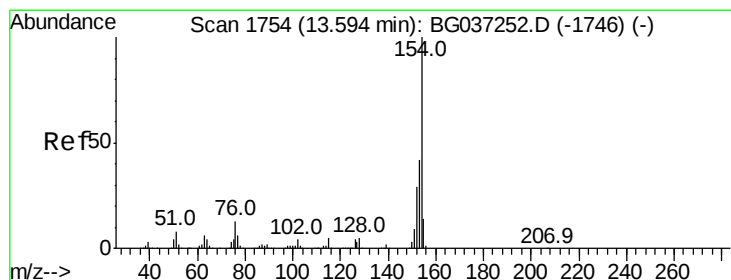
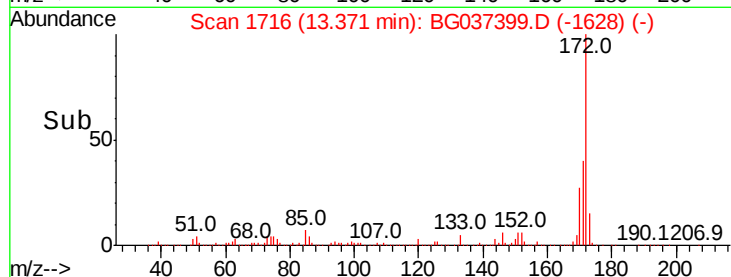
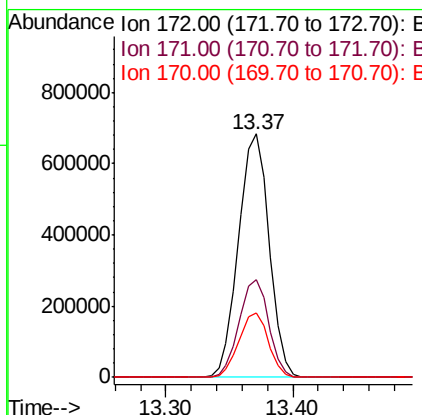
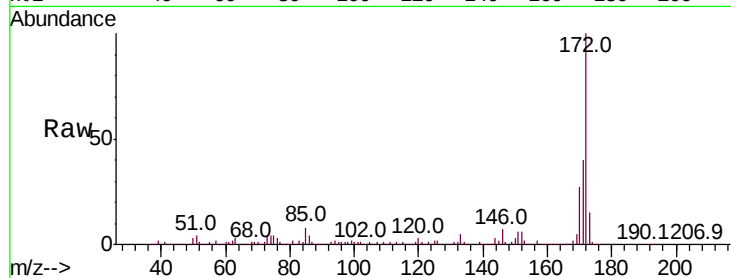
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.0	46.4
170	26.6	20.2	30.2

Manual Integrations
APPROVED

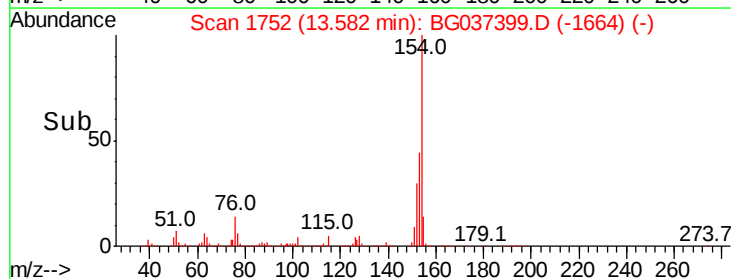
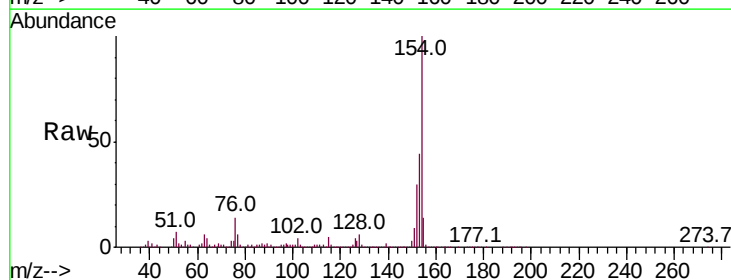
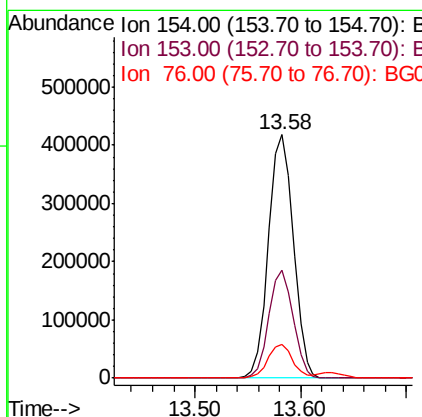
Sohil
10/18/2018 2:25:27 PM

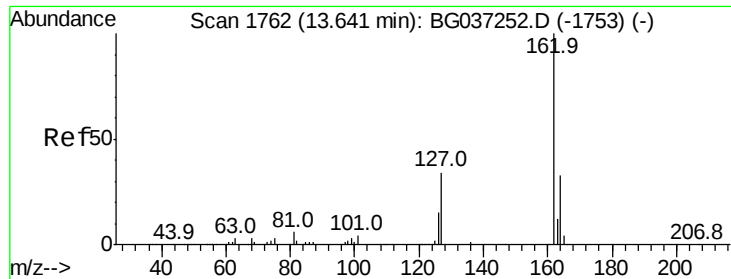
10/18/2018 2:25:27 PM



#46
1,1'-Biphenyl
Concen: 38.776 ng
RT: 13.58 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	22.1	62.1
76	14.0	0.0	33.2





#47
2-Chloronaphthalene
Concen: 40.683 ng
RT: 13.63 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

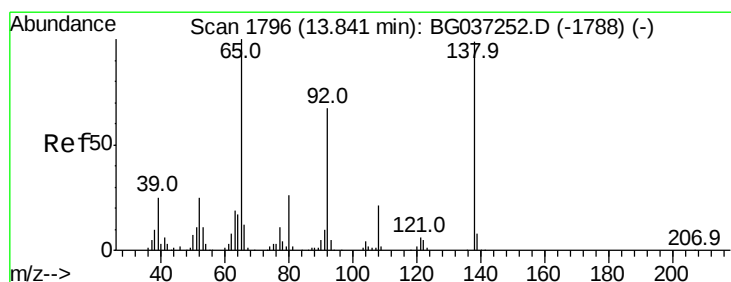
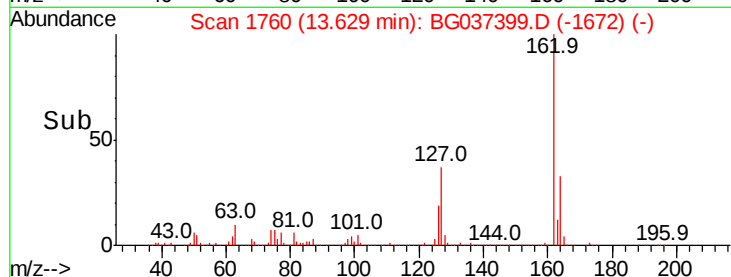
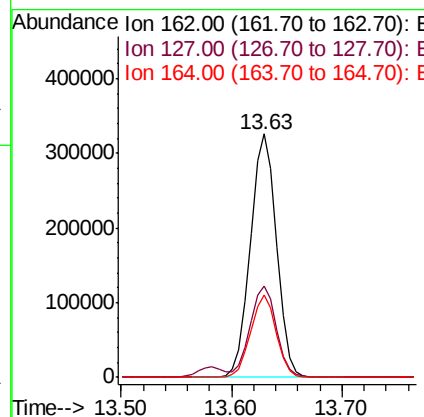
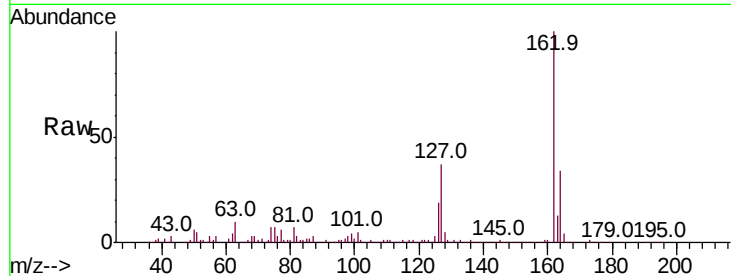
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	540429		
127	37.3		30.5	45.7
164	33.6		26.4	39.6

Manual Integrations
APPROVED

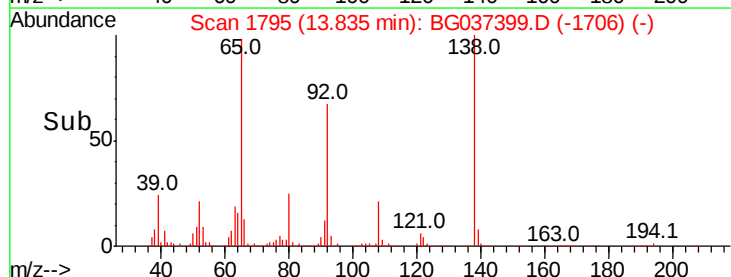
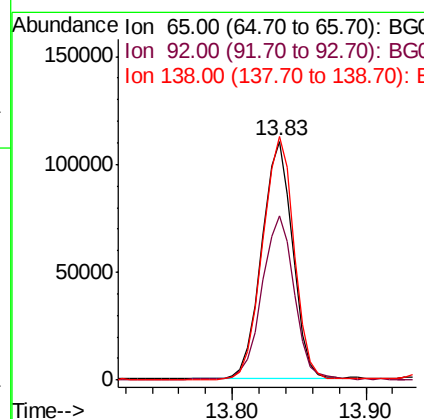
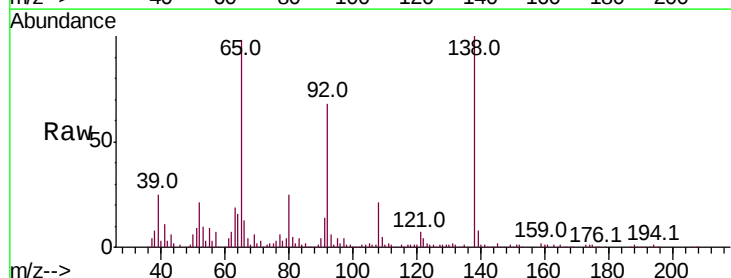
Sohil
10/18/2018 2:25:27 PM

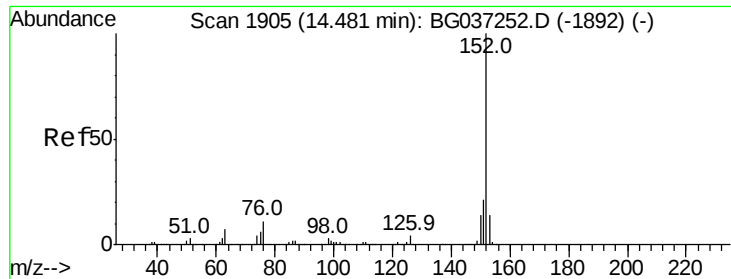
10/18/2018 2:25:27 PM



#48
2-Nitroaniline
Concen: 48.873 ng
RT: 13.83 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	176331		
92	68.8		53.2	79.8
138	101.8		79.3	118.9





#49
Acenaphthylene
Concen: 43.028 ng
RT: 14.48 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

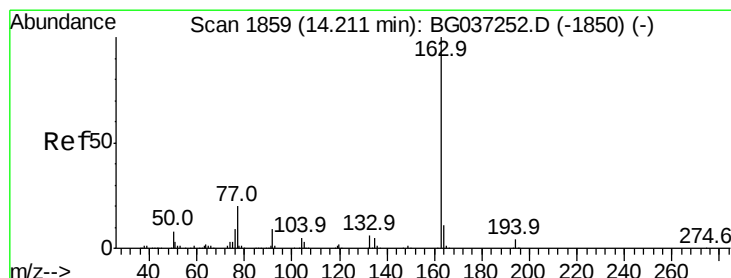
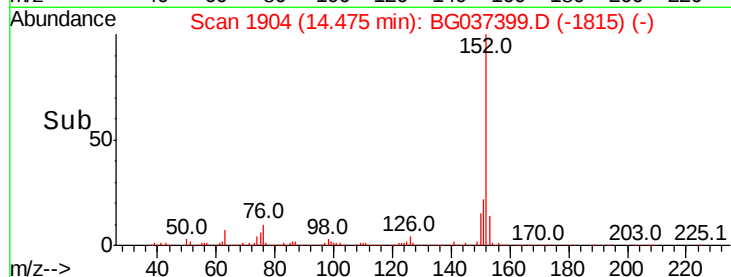
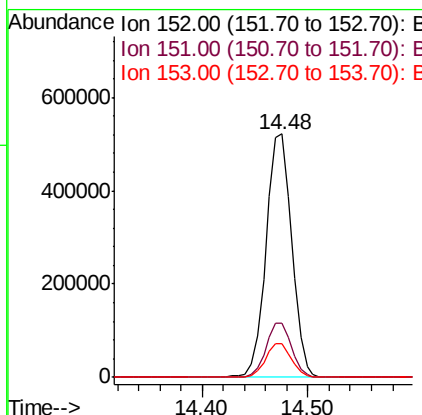
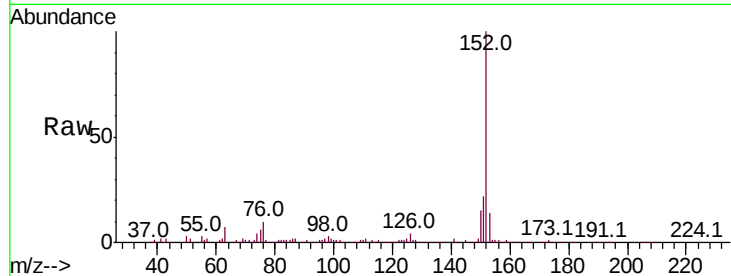
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.1	25.7
153	13.8	11.1	16.7

Manual Integrations
APPROVED

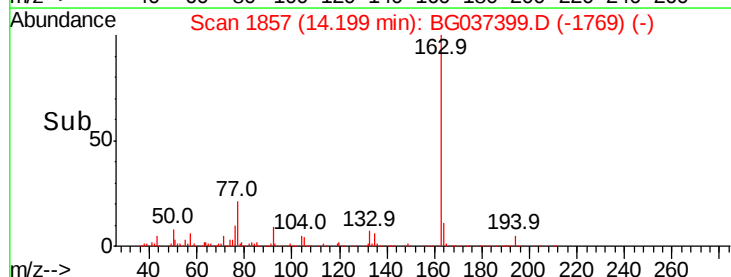
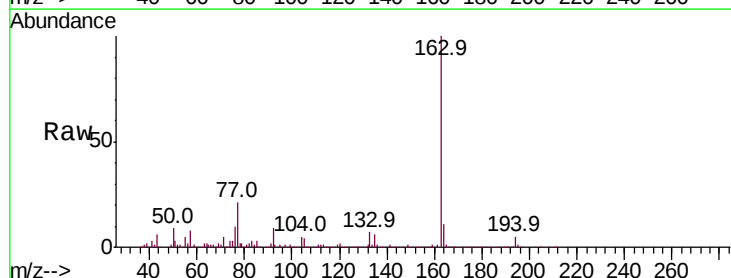
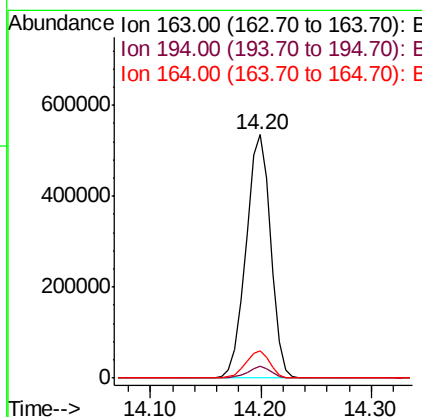
Sohil
10/18/2018 2:25:27 PM

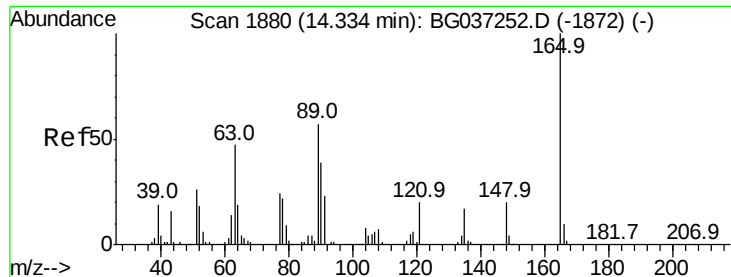
10/18/2018 2:25:27 PM



#50
Dimethylphthalate
Concen: 49.734 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	11.2	8.5	12.7





#51
 2,6-Dinitrotoluene
 Concen: 46.887 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

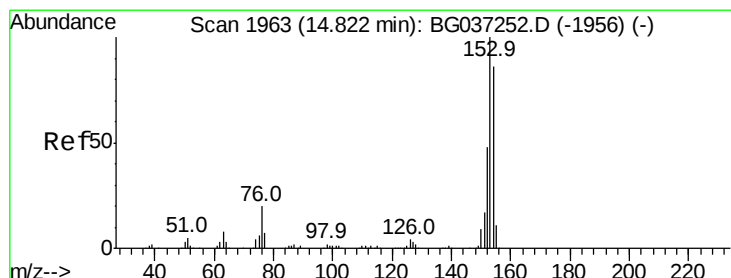
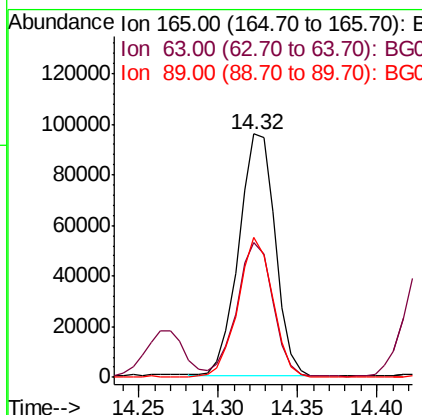
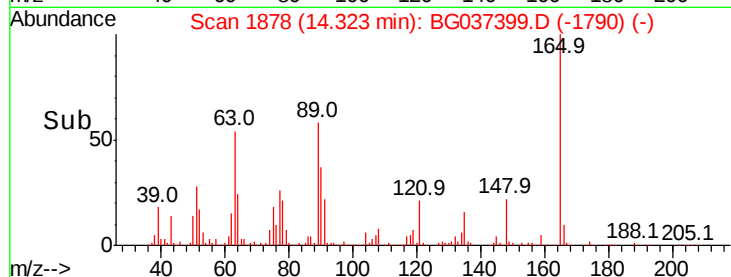
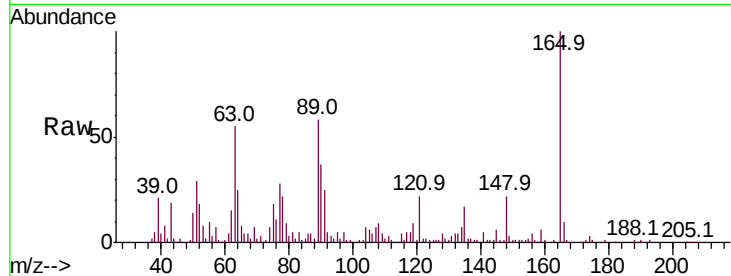
Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FTMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	152609		
63	55.2	43.4	65.2	
89	57.7	45.8	68.6	

Manual Integrations
 APPROVED

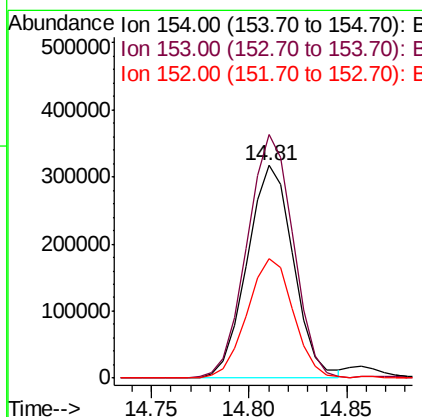
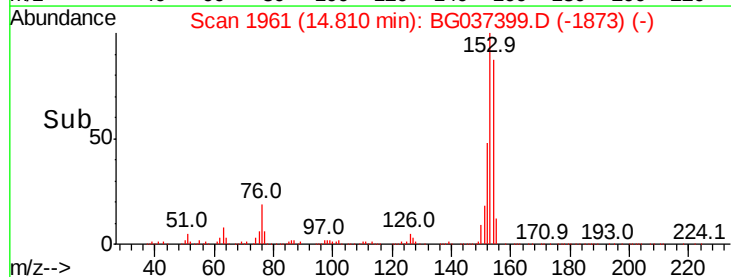
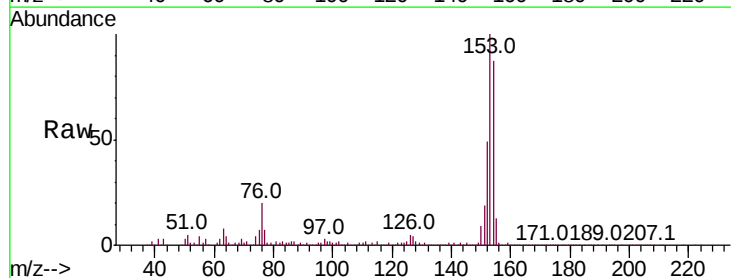
Sohil
 10/18/2018 2:25:27 PM

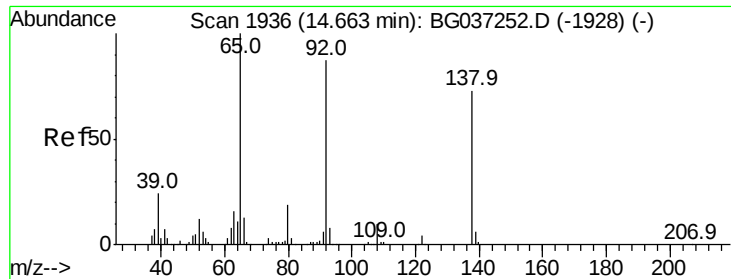
10/18/2018 2:25:27 PM



#52
 Acenaphthene
 Concen: 41.363 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	519190		
153	114.6	93.4	140.0	
152	56.0	44.7	67.1	





#53
3-Nitroaniline
Concen: 30.039 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

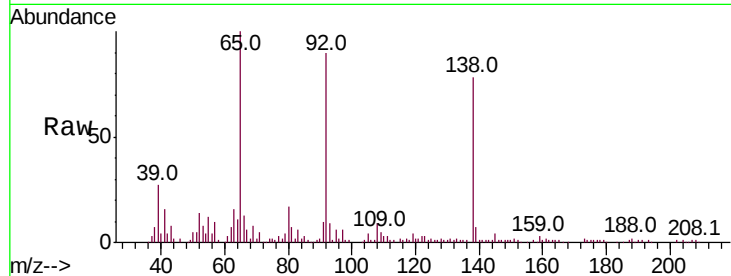
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.6	11.0	16.6	
92	115.6	95.2	142.8	

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM

10/18/2018 2:25:27 PM

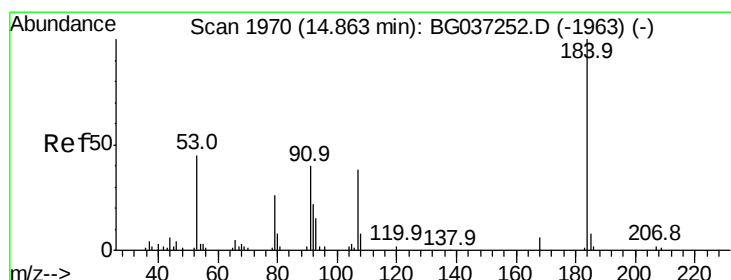
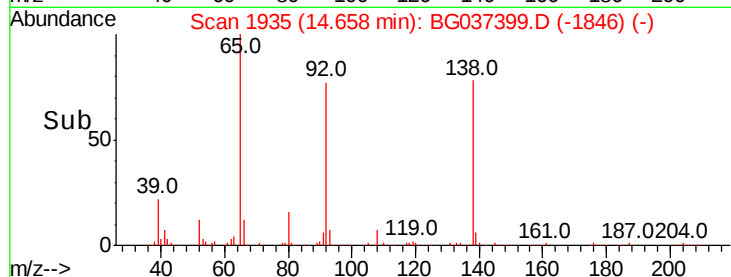
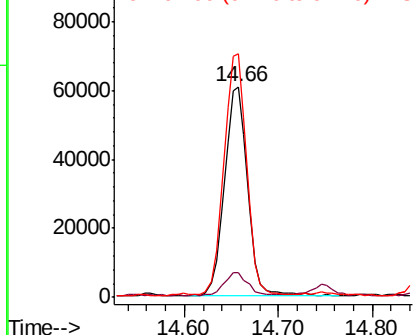


Abundance

Ion 138.00 (137.70 to 138.70): E

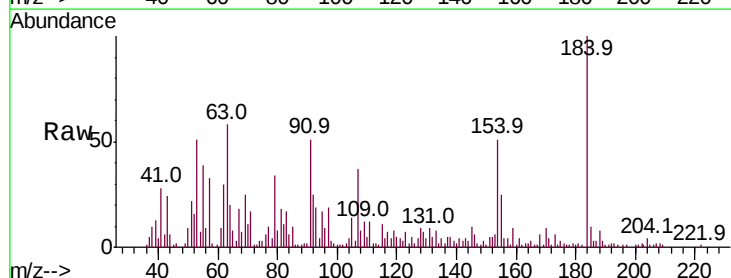
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 62.135 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	58.2	42.6	63.8	
154	51.4	41.8	62.6	

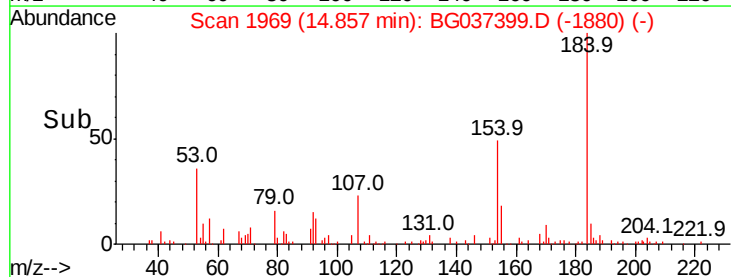
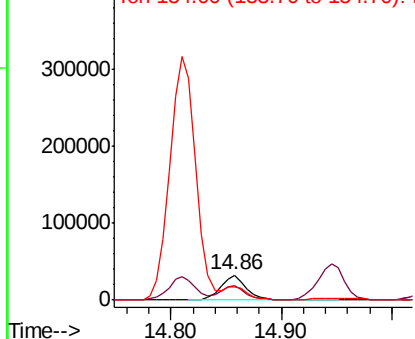


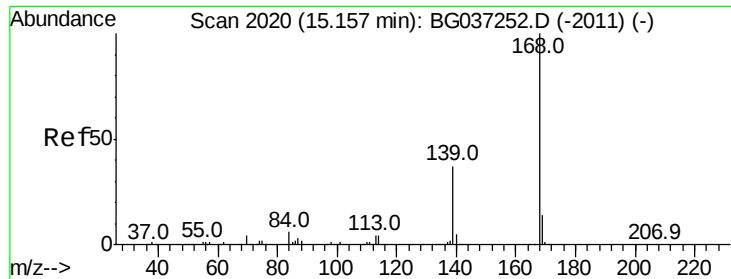
Abundance

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: 39.767 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

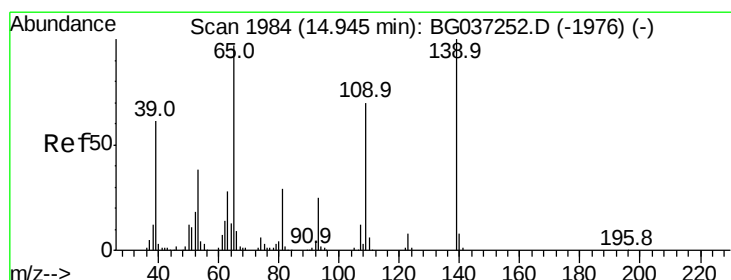
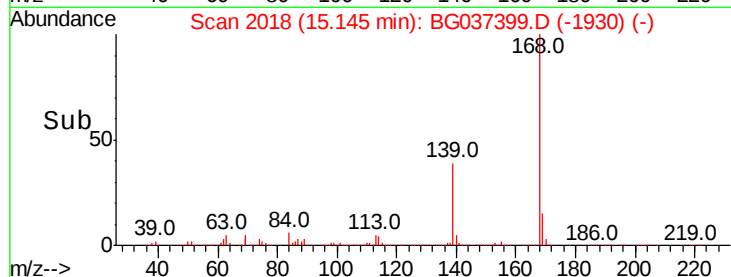
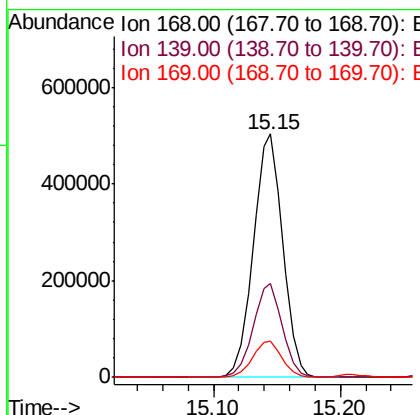
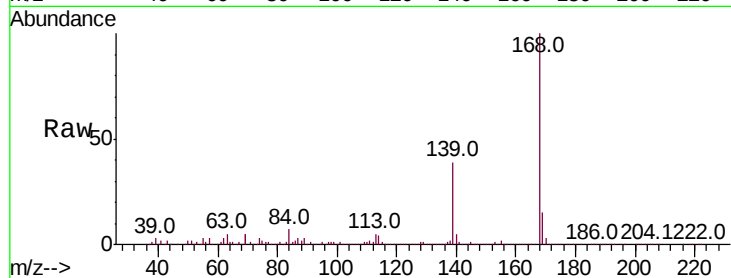
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	29.4	44.0
169	14.7	11.0	16.6

Manual Integrations
APPROVED

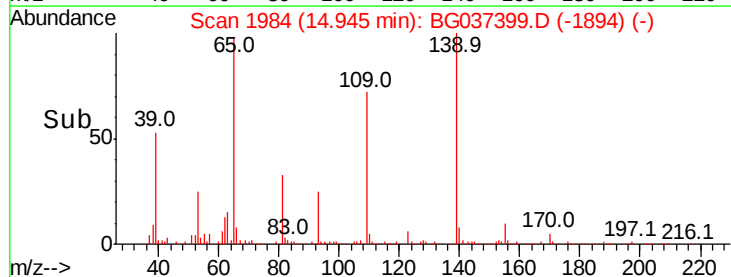
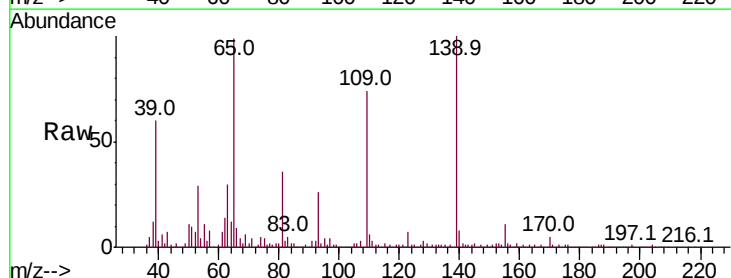
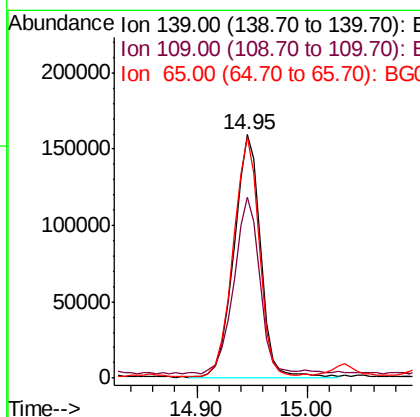
Sohil
10/18/2018 2:25:27 PM

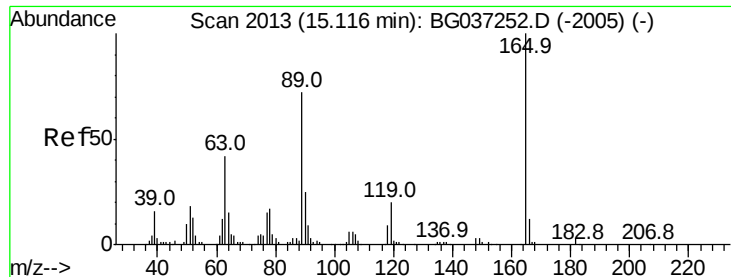
10/18/2018 2:25:27 PM



#56
4-Nitrophenol
Concen: 97.075 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.5	49.5	89.5
65	98.8	76.8	116.8





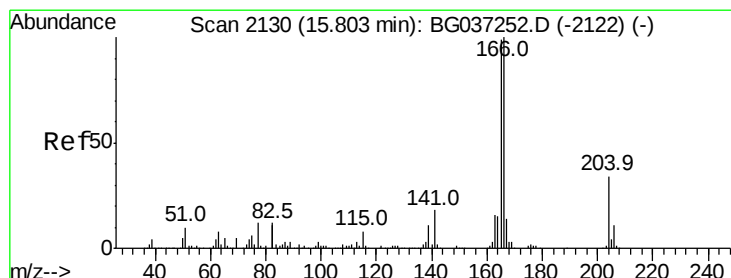
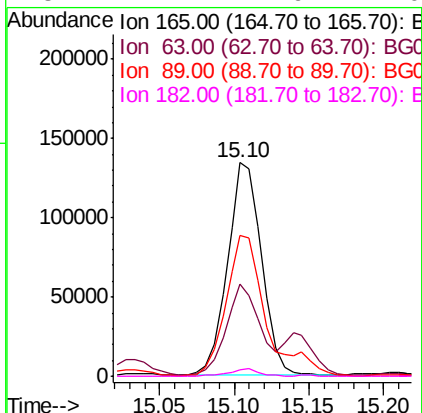
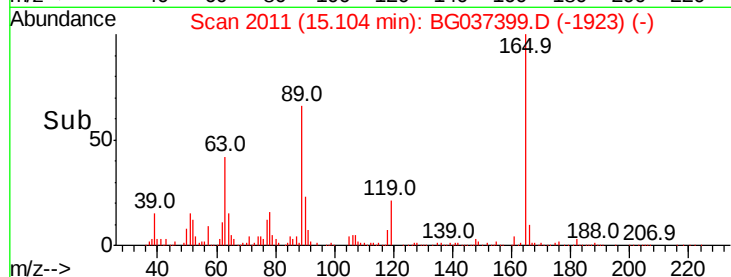
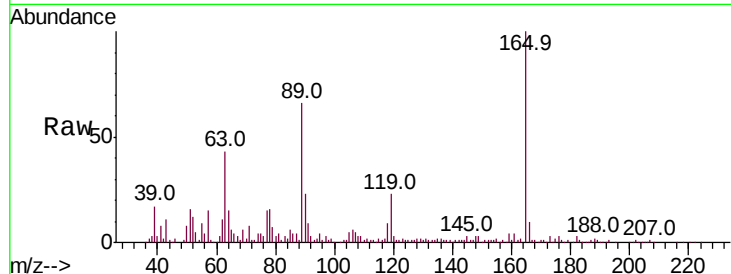
#57
2,4-Dinitrotoluene
Concen: 51.049 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	212428		
63	42.9	33.4	50.0	
89	66.1	57.2	85.8	
182	2.7	2.6	4.0	

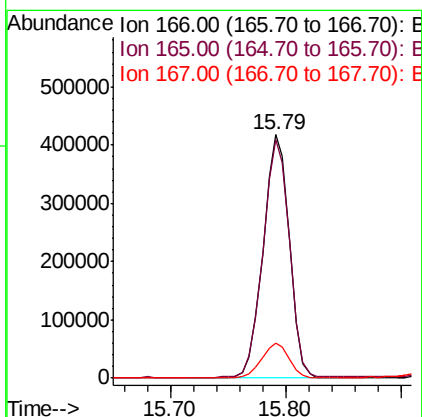
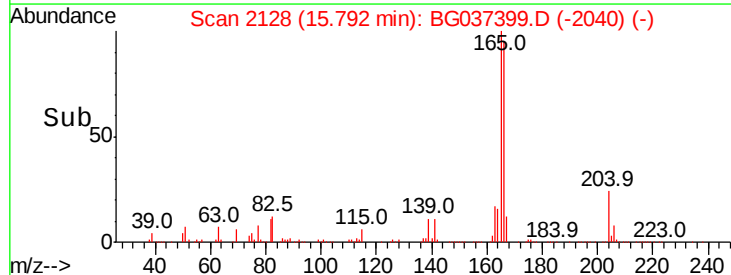
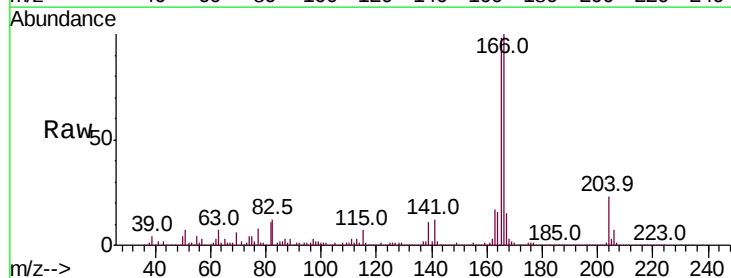
Manual Integrations
APPROVED

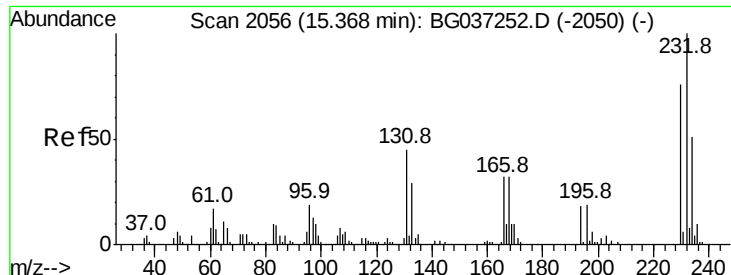
Sohil
10/18/2018 2:25:27 PM



#58
Fluorene
Concen: 42.818 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	659551		
165	98.0	79.0	118.6	
167	14.6	11.3	16.9	





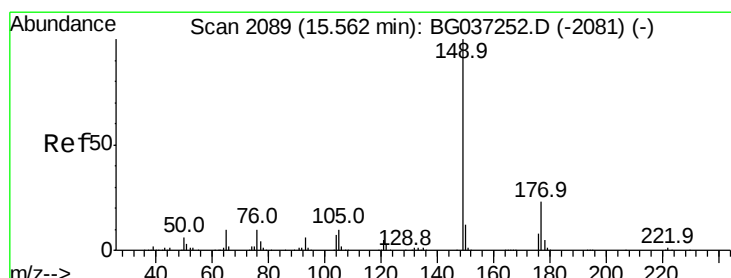
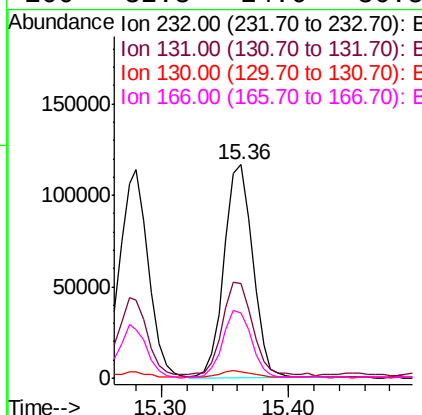
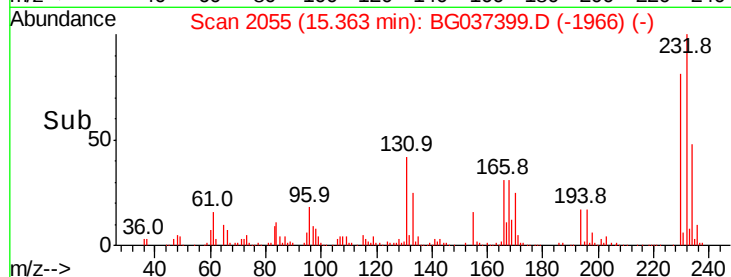
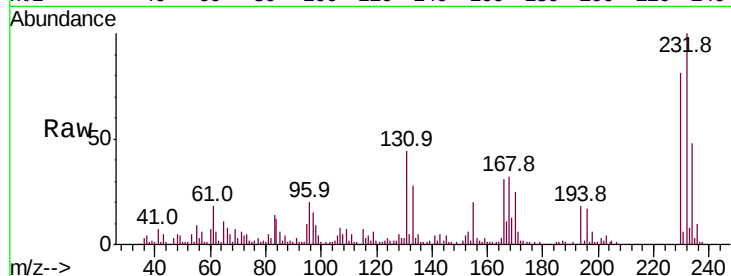
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.632 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FTMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	182234		
131	46.3	33.7	50.5	
130	3.8	2.1	3.1#	
166	32.3	24.6	36.8	

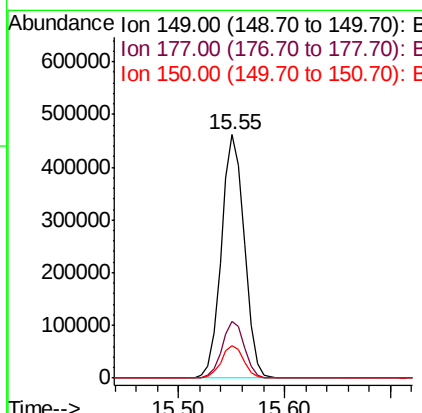
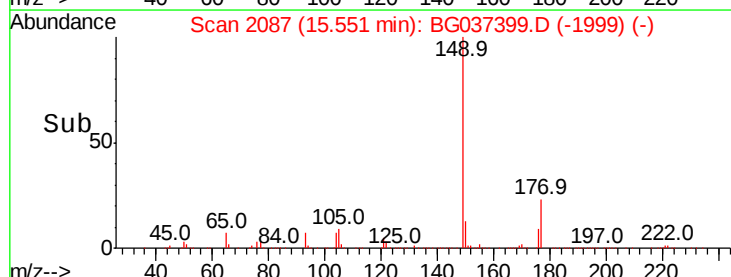
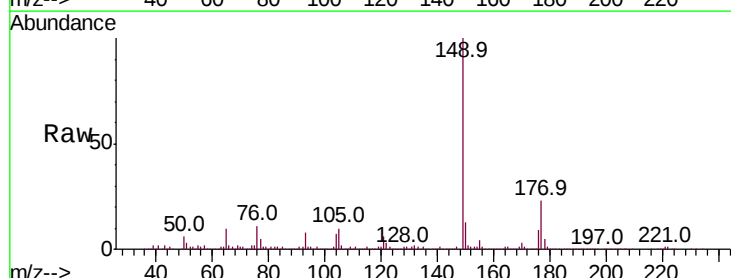
Manual Integrations
 APPROVED

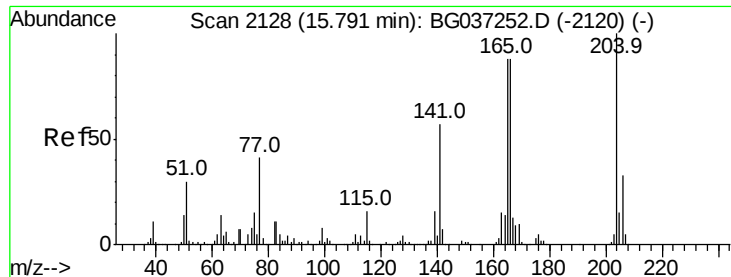
Sohil
 10/18/2018 2:25:27 PM



#60
 Diethylphthalate
 Concen: 39.668 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	690668		
177	23.2	18.3	27.5	
150	13.5	10.0	15.0	





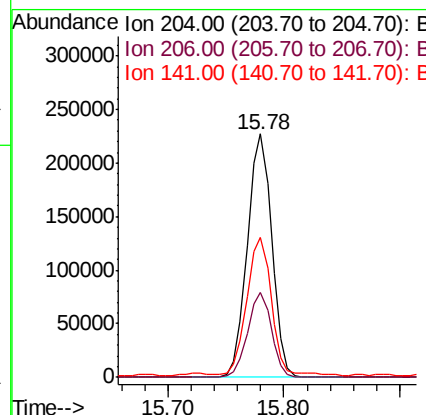
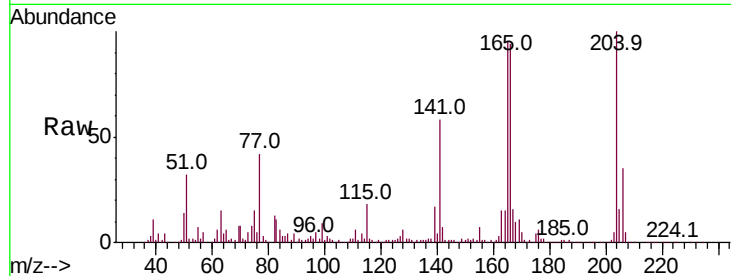
#61
4-Chlorophenyl-phenylether
Concen: 37.107 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

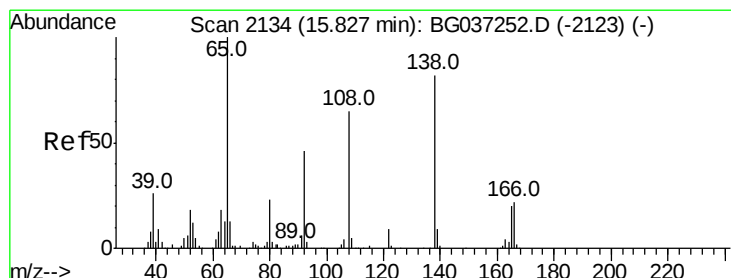
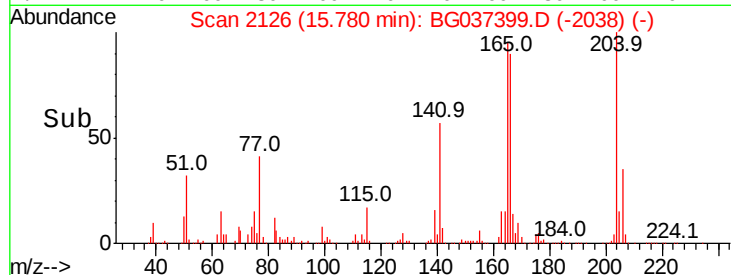
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	26.6	39.8
141	57.7	45.4	68.2

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM

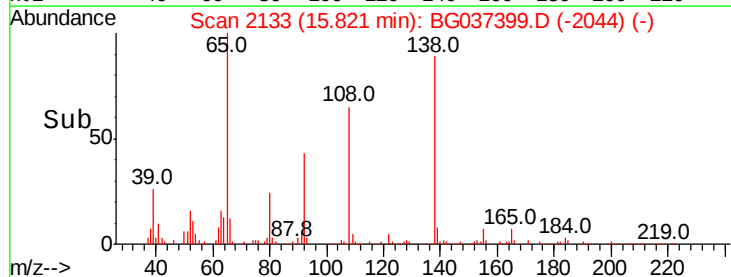
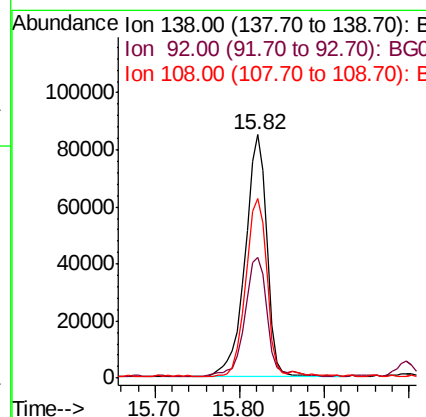
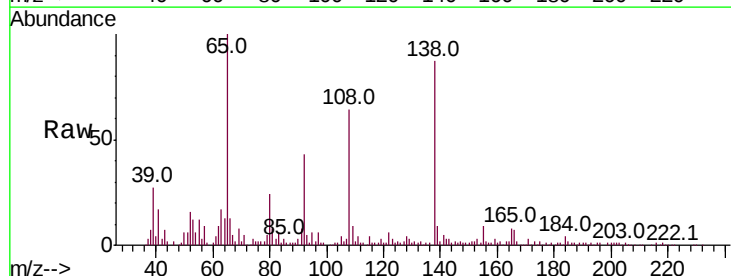


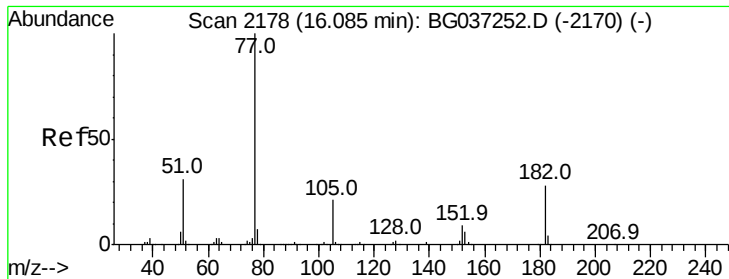
10/18/2018 2:25:27 PM



#62
4-Nitroaniline
Concen: 40.645 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	36.4	76.4
108	73.6	60.1	100.1





#63

Azobenzene

Concen: 40.019 ng

RT: 16.07 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

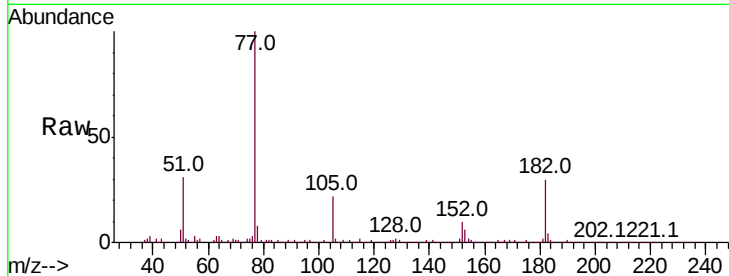
ClientSampleId :

SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.6	8.0	48.0
105	21.6	1.3	41.3
51	30.6	10.7	50.7

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM

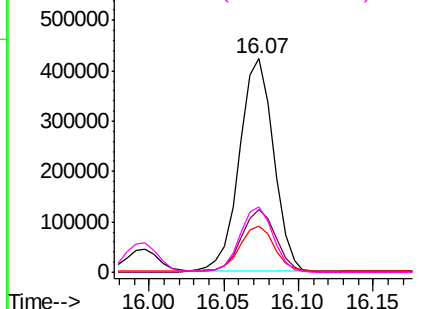
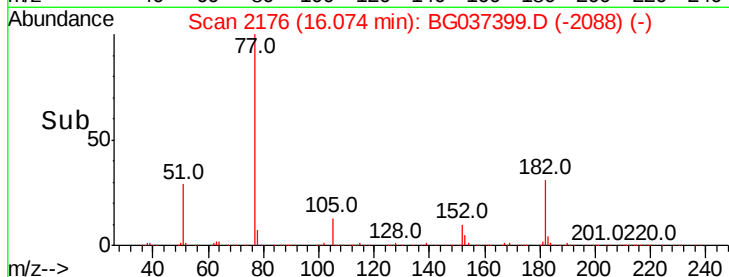


Abundance Ion 77.00 (76.70 to 77.70): BG037252.D (-2170) (-)

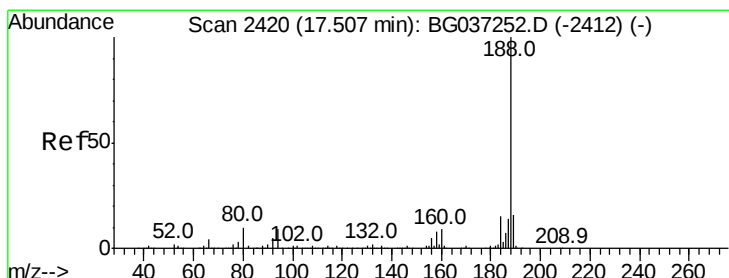
Ion 182.00 (181.70 to 182.70): BG037252.D (-2170) (-)

Ion 105.00 (104.70 to 105.70): BG037252.D (-2170) (-)

Ion 51.00 (50.70 to 51.70): BG037252.D (-2170) (-)



10/18/2018 2:25:27 PM



#64

Phenanthrene-d10

Concen: 20.000 ng

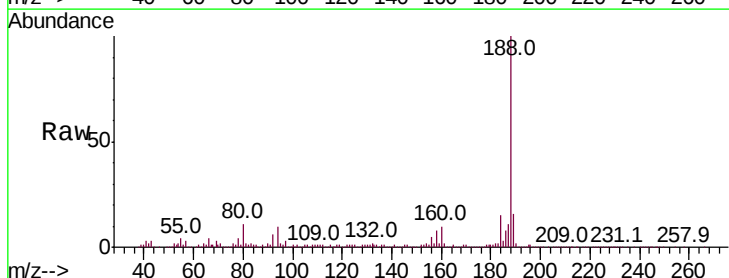
RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

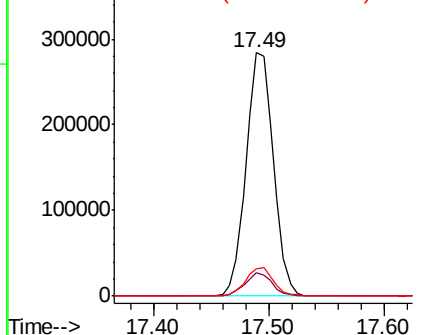
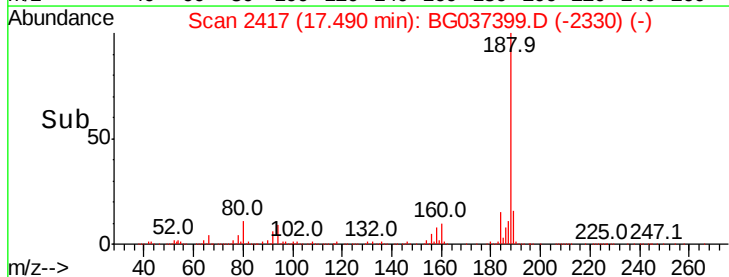
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	11.4	7.7	11.5

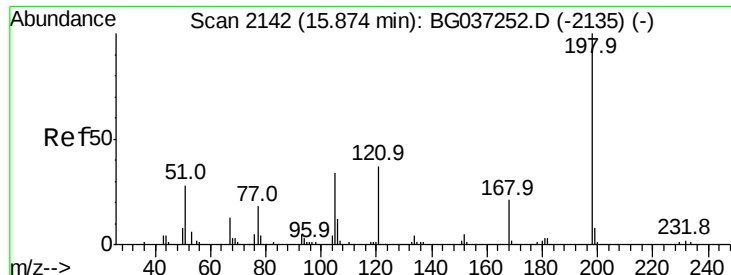


Abundance Ion 188.00 (187.70 to 188.70): BG037252.D (-2412) (-)

Ion 94.00 (93.70 to 94.70): BG037252.D (-2412) (-)

Ion 80.00 (79.70 to 80.70): BG037252.D (-2412) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 59.347 ng

RT: 15.86 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

ClientSampleId :

SB-10-5-7FTMS

Tot Ion:198 Resp: 89576

Ion Ratio Lower Upper

198 100

51 49.8 22.7 62.7

105 47.8 19.7 59.7

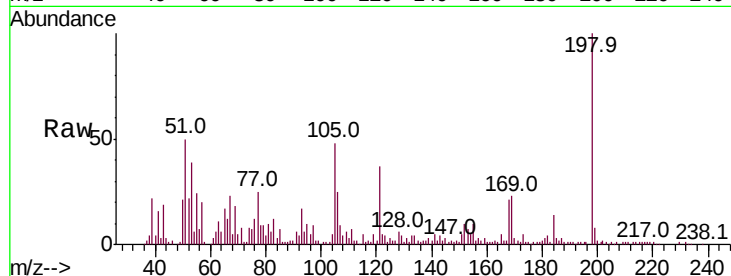
Manual Integrations

APPROVED

Sohil

10/18/2018 2:25:27 PM

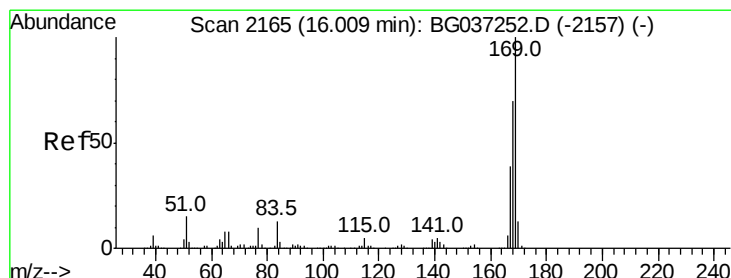
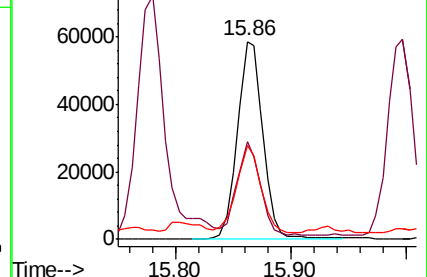
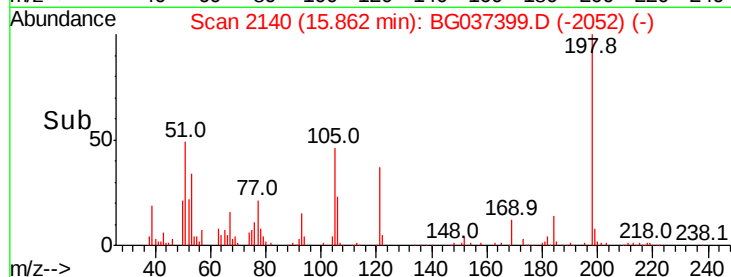
10/18/2018 2:25:27 PM



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: 44.661 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

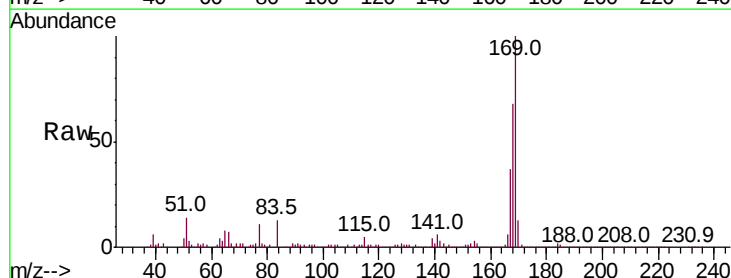
Tgt Ion:169 Resp: 615815

Ion Ratio Lower Upper

169 100

168 67.8 55.7 83.5

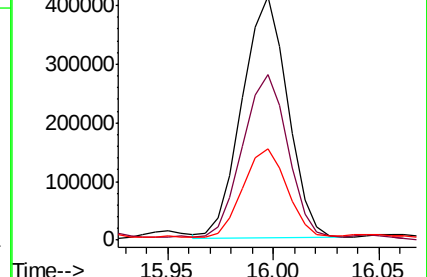
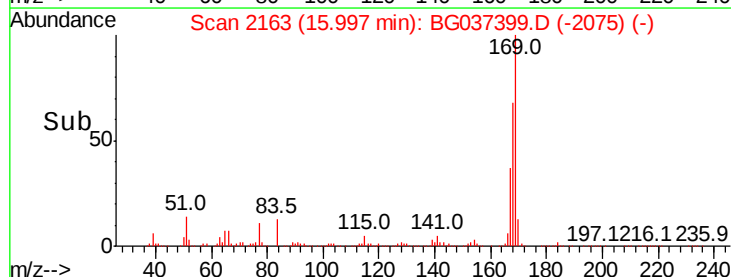
167 37.3 31.3 46.9

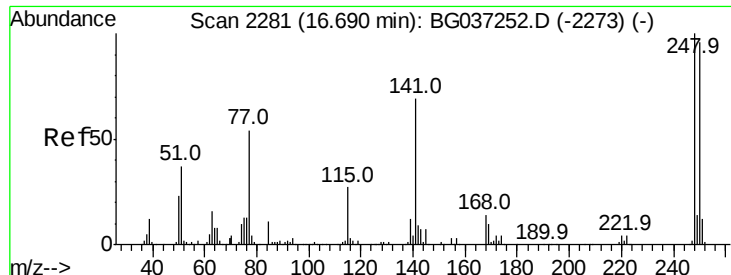


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





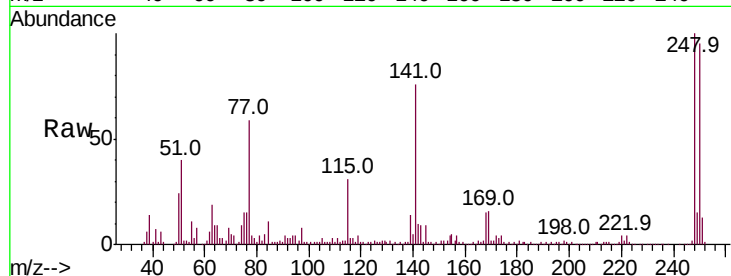
#67
4-Bromophenyl-phenylether
Concen: 41.757 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	77.0	115.6
141	75.9	55.5	83.3

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM

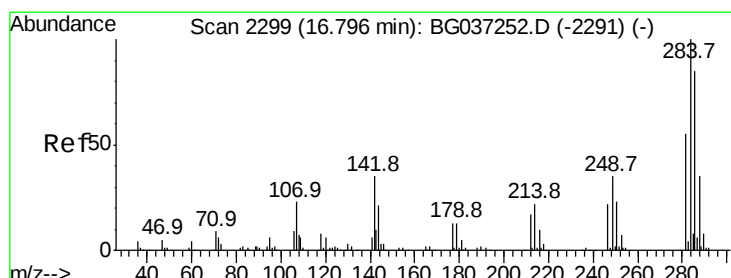
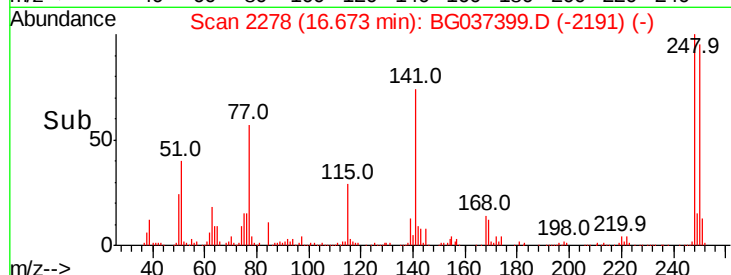
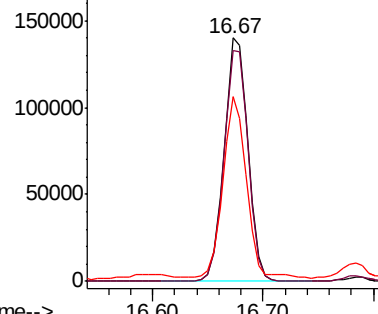


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.639 ng
RT: 16.78 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

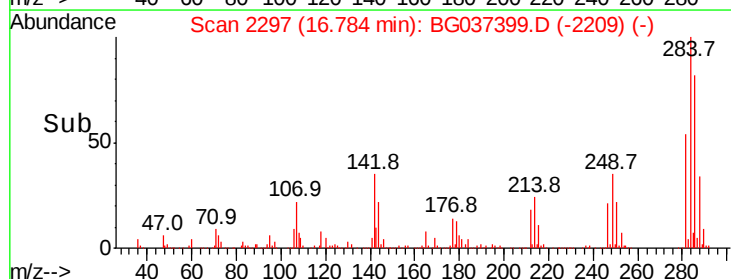
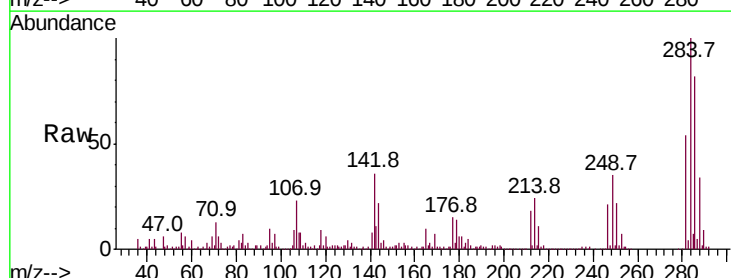
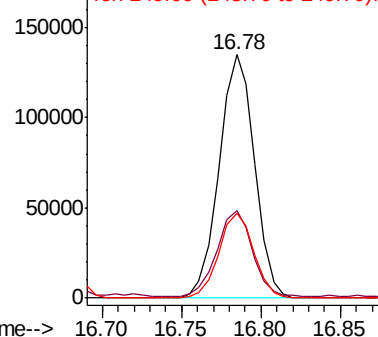
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.1	42.1
249	35.1	29.8	44.8

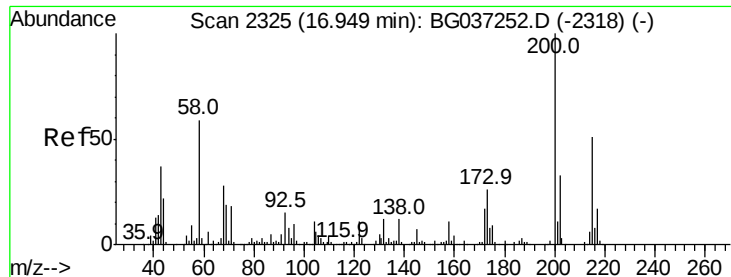
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





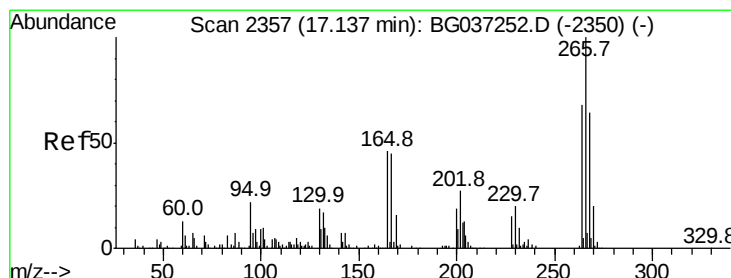
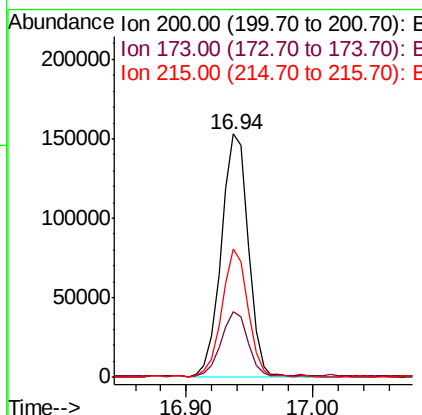
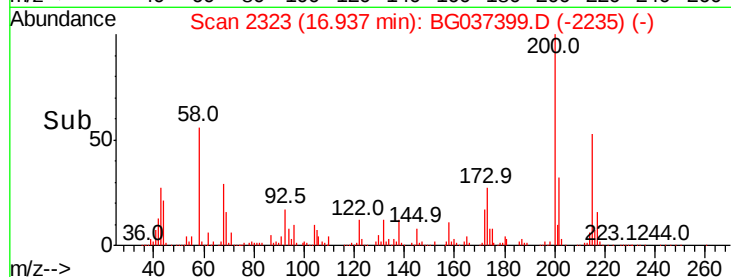
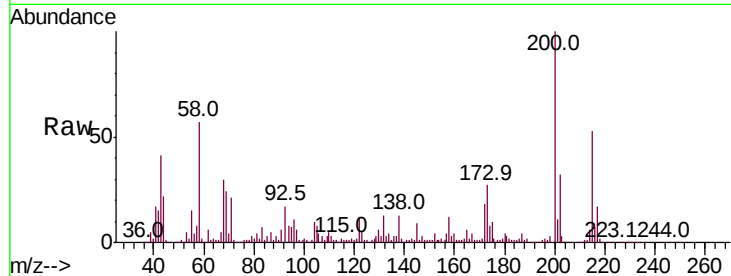
#69
 Atrazine
 Concen: 43.861 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FTMS

Tot Ion:	200	Resp:	224779
Ion Ratio	Lower	Upper	
200	100		
173	27.1	6.1	46.1
215	52.7	30.8	70.8

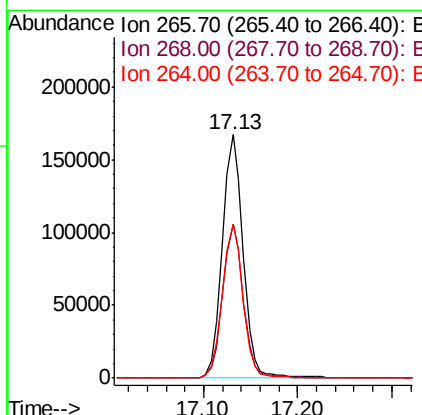
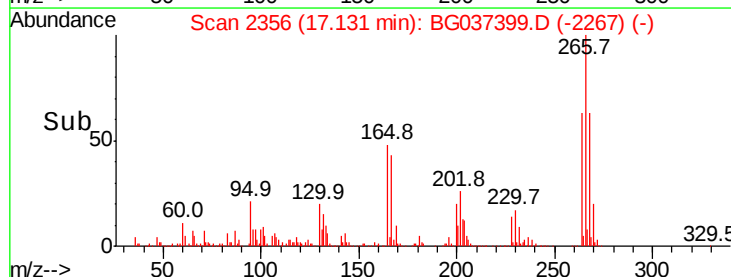
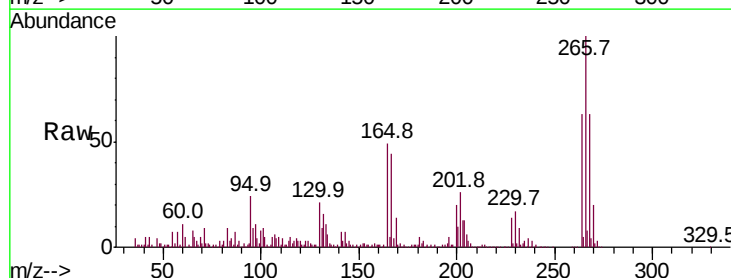
Manual Integrations
 APPROVED

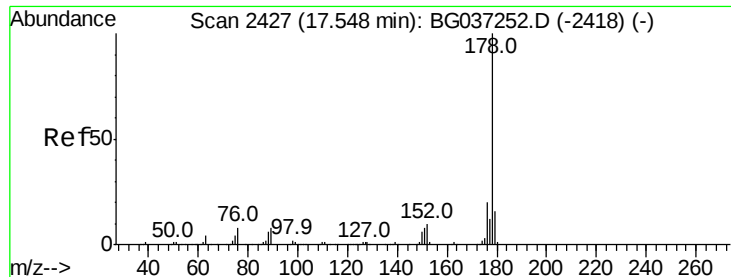
Sohil
 10/18/2018 2:25:27 PM



#70
 Pentachlorophenol
 Concen: 76.297 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Tgt Ion:	266	Resp:	258625
Ion Ratio	Lower	Upper	
266	100		
268	67.7	55.0	82.6
264	68.8	58.9	88.3





#71
Phenanthrene
Concen: 42.600 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

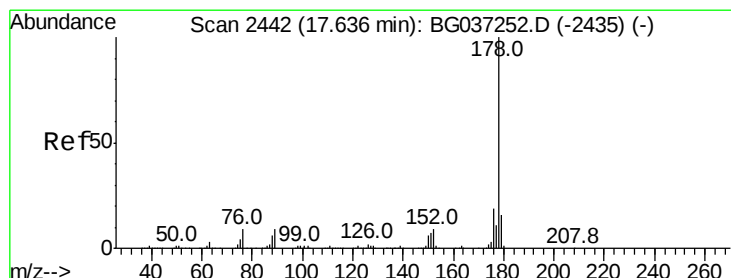
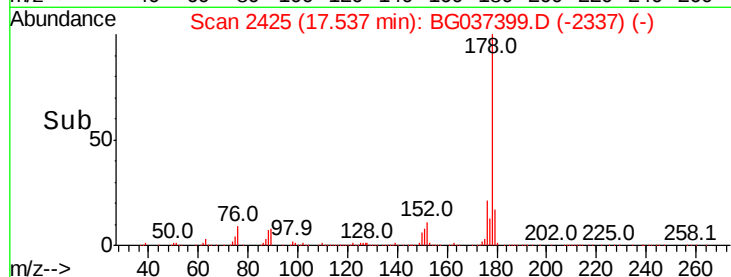
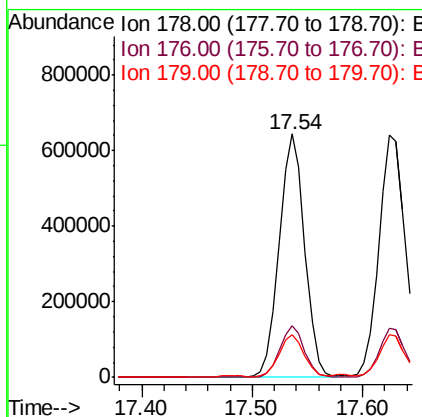
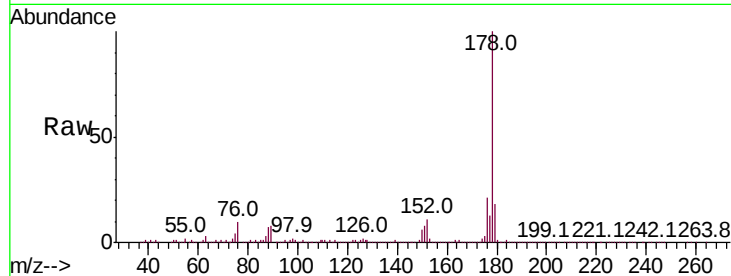
Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion:178 Resp: 1018161
Ion Ratio Lower Upper
178 100
176 21.0 16.1 24.1
179 17.5 13.0 19.4

Manual Integrations
APPROVED

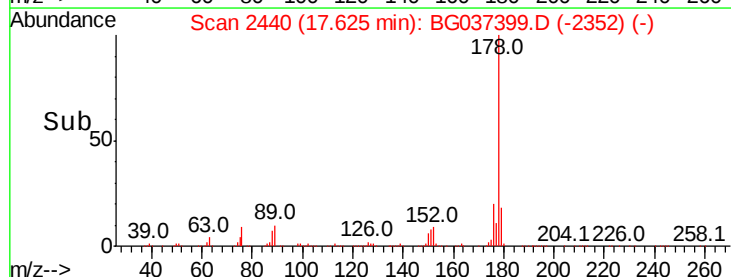
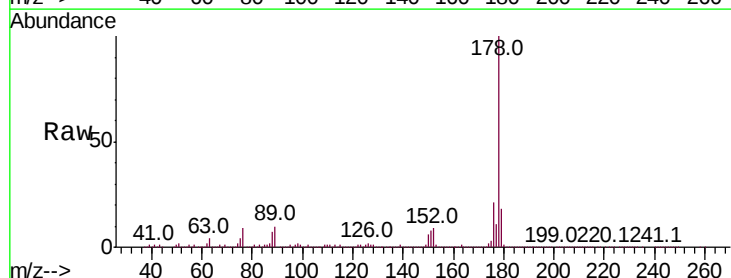
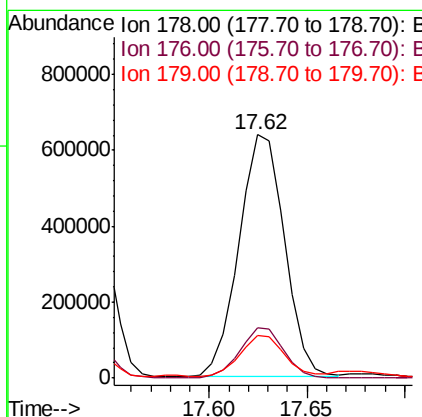
Sohil
10/18/2018 2:25:27 PM

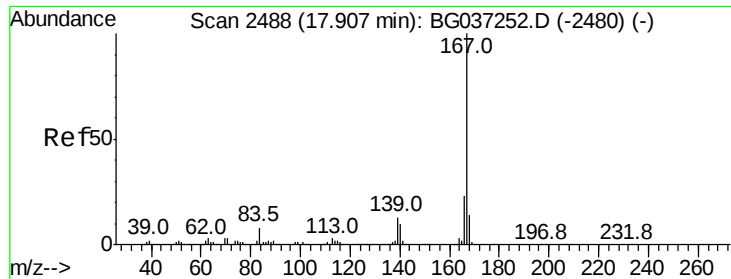
10/18/2018 2:25:27 PM



#72
Anthracene
Concen: 43.916 ng
RT: 17.62 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion:178 Resp: 1027365
Ion Ratio Lower Upper
178 100
176 20.5 15.0 22.4
179 17.8 12.8 19.2





#73
 Carbazole
 Concen: 39.404 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

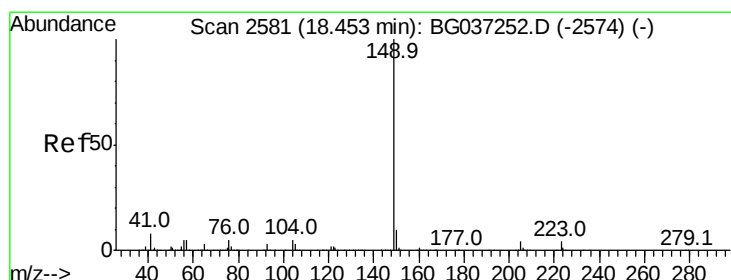
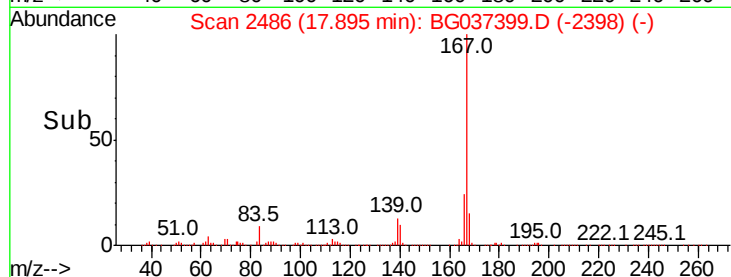
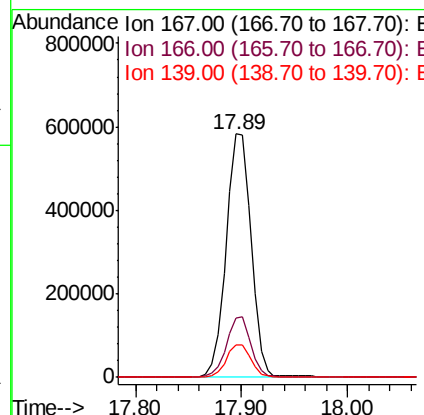
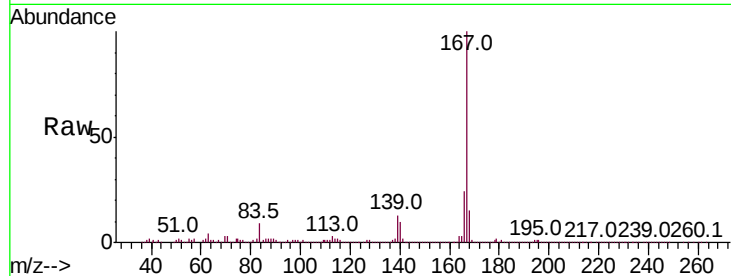
Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.3	27.5
139	13.3	10.5	15.7

Manual Integrations
 APPROVED

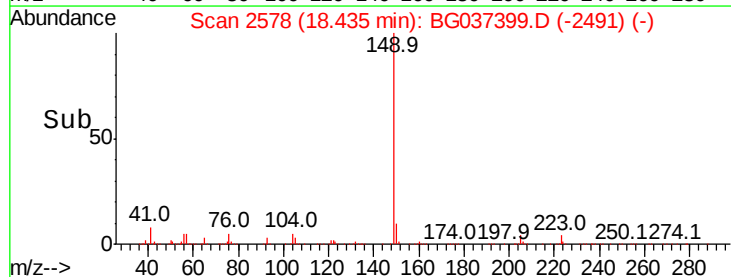
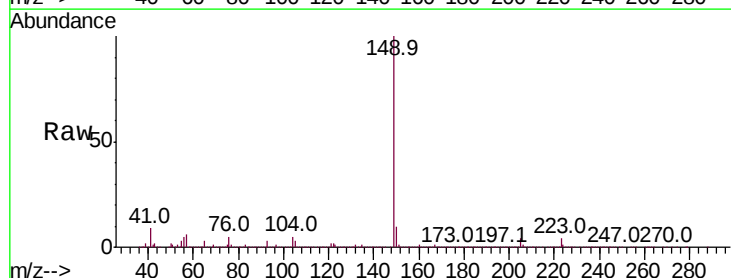
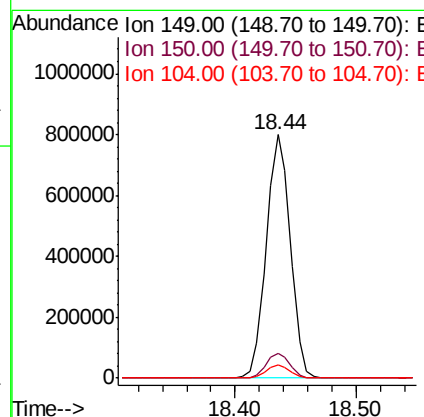
Sohil
 10/18/2018 2:25:27 PM

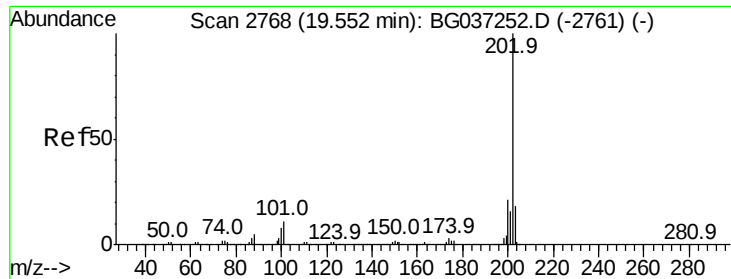
10/18/2018 2:25:27 PM



#74
 Di-n-butylphthalate
 Concen: 42.501 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	5.4	4.0	6.0





#75

Fluoranthene

Concen: 40.921 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

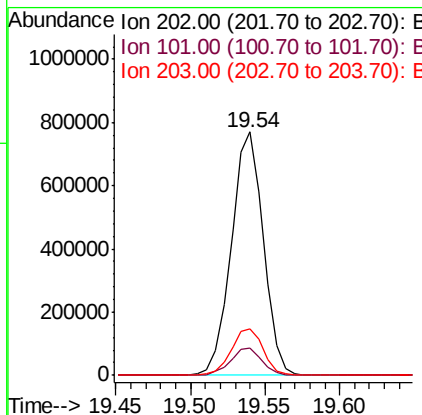
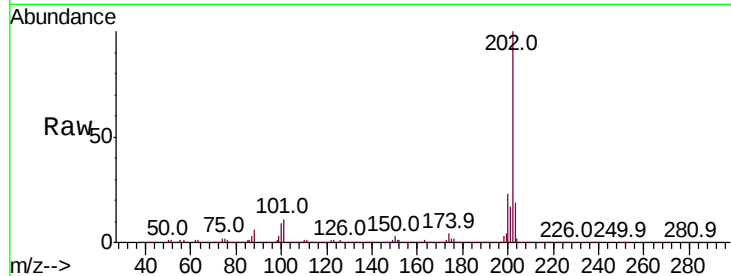
ClientSampleId :

SB-10-5-7FTMS

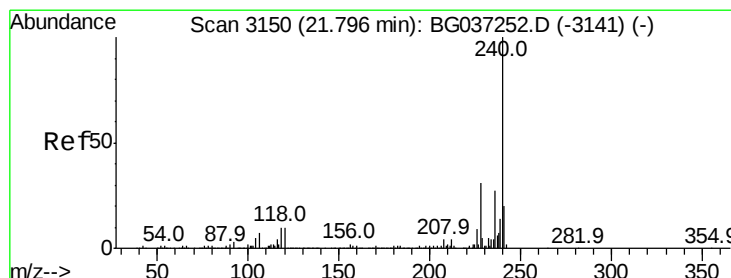
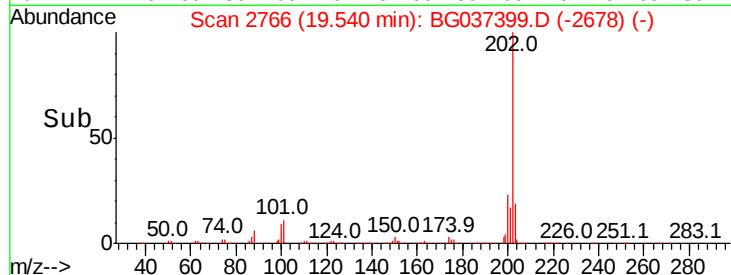
Tot Ion:	202	Resp:	1143119
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.7
203	19.3	0.0	38.5

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM



10/18/2018 2:25:27 PM



#76

Chrysene-d12

Concen: 20.000 ng

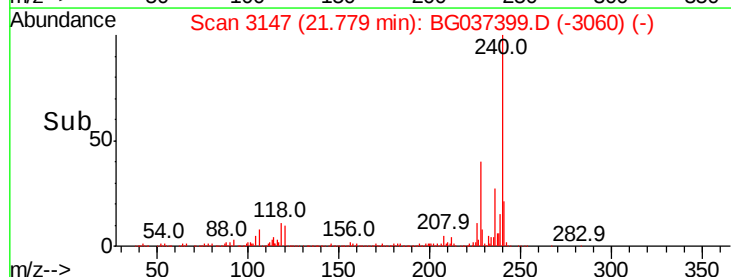
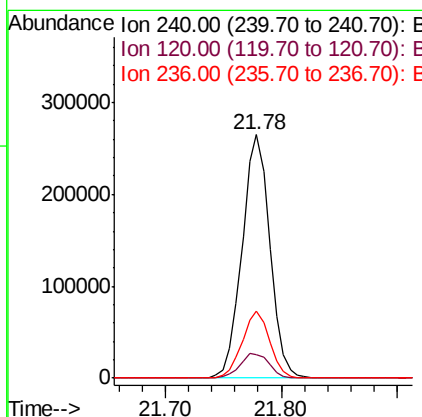
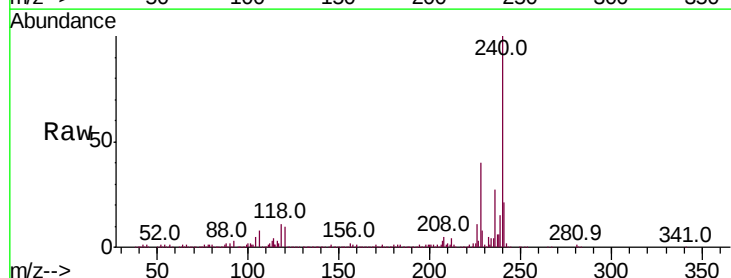
RT: 21.78 min Scan# 3147

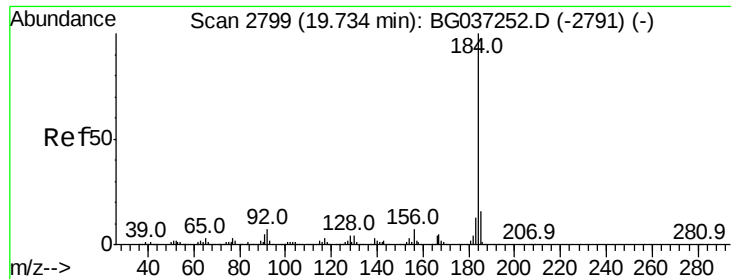
Delta R.T. -0.02 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Tgt Ion:	240	Resp:	442134
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.1	12.1
236	27.4	21.4	32.0





#77

Benzidine

Concen: 30.740 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

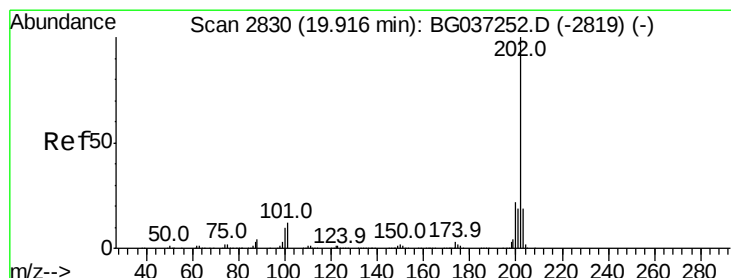
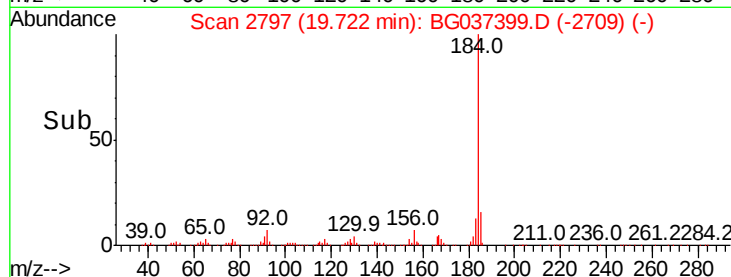
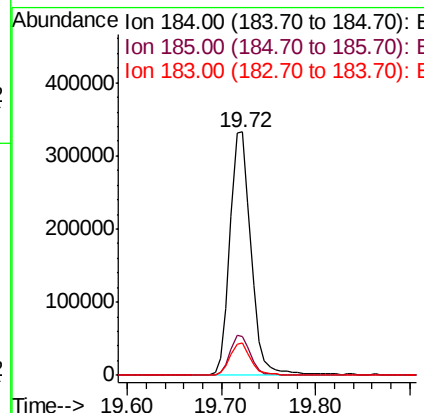
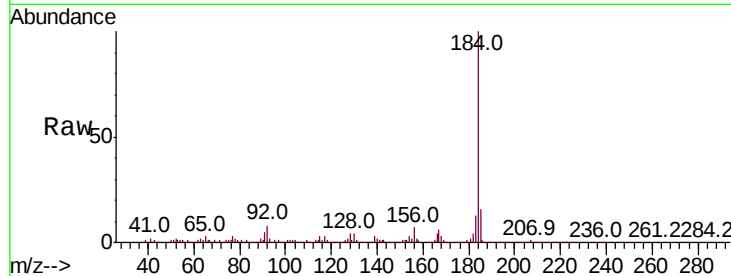
ClientSampleId :

SB-10-5-7FTMS

Tot Ion:	184	Resp:	519938
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.6	18.8
183	13.4	10.2	15.2

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM



#78

Pyrene

Concen: 40.435 ng

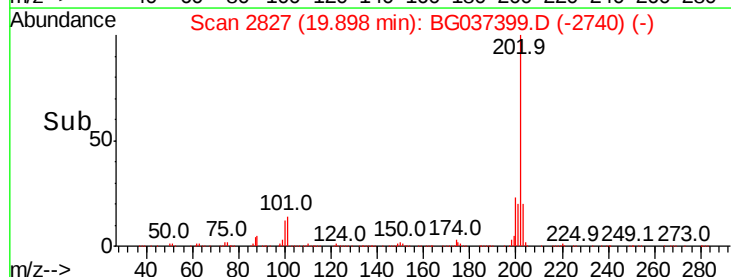
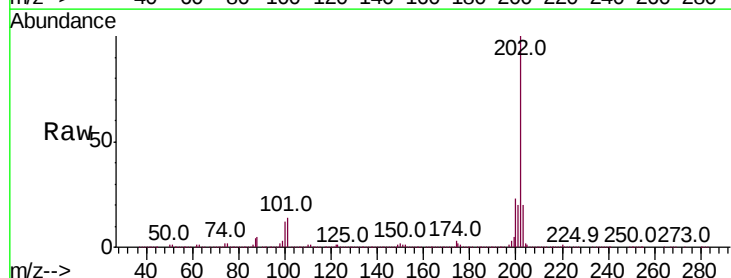
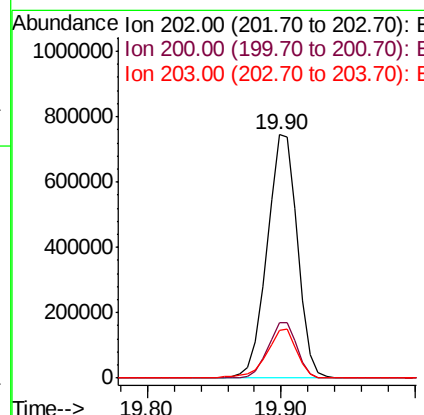
RT: 19.90 min Scan# 2827

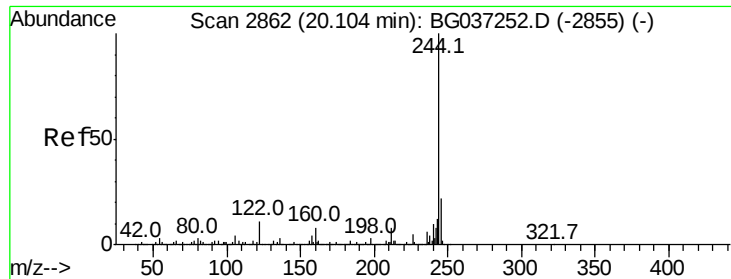
Delta R.T. -0.02 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Tgt Ion:	202	Resp:	1165147
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.8	26.6
203	19.7	15.2	22.8





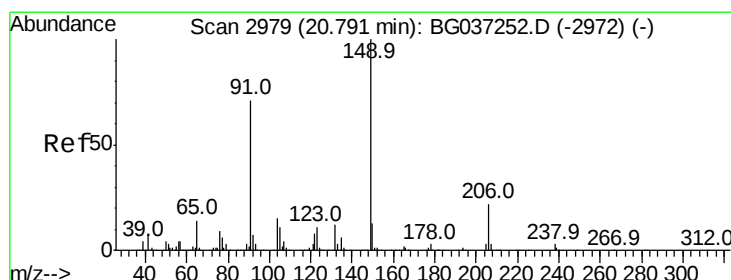
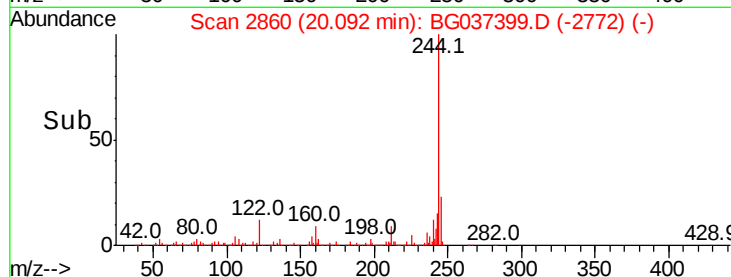
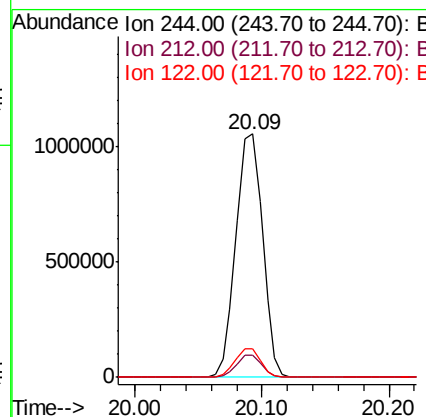
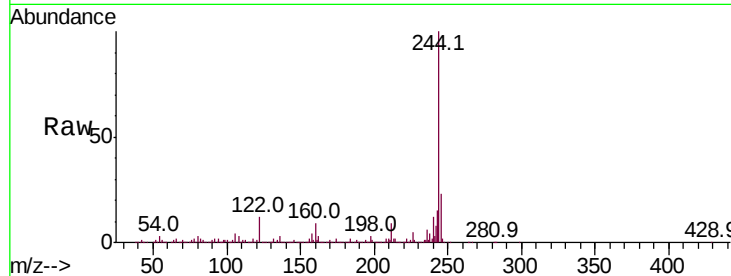
#79
 Terphenyl-d14
 Concen: 73.197 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	11.5	9.0	13.4

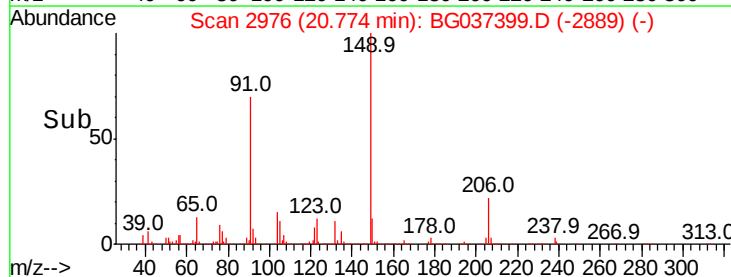
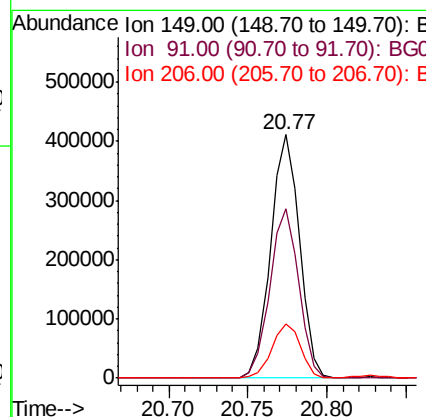
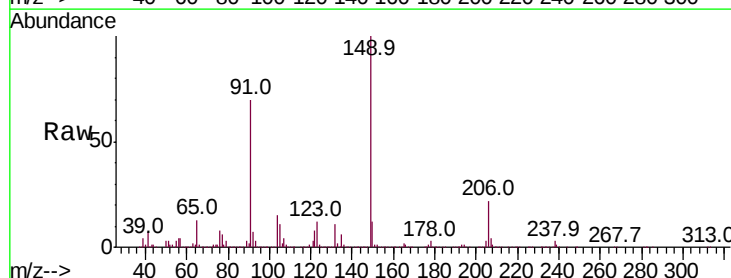
Manual Integrations
 APPROVED

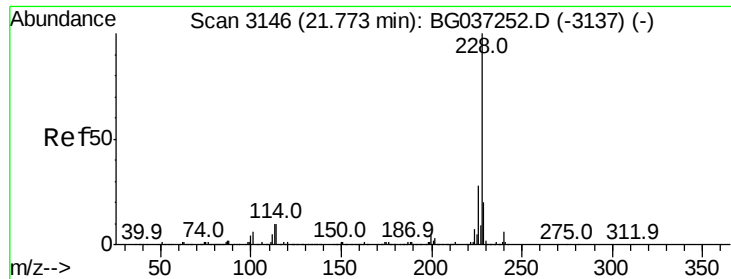
Sohil
 10/18/2018 2:25:27 PM



#80
 Butylbenzylphthalate
 Concen: 46.542 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. -0.02 min
 Lab File: BG037399.D
 Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	57.0	85.4
206	22.3	17.8	26.6





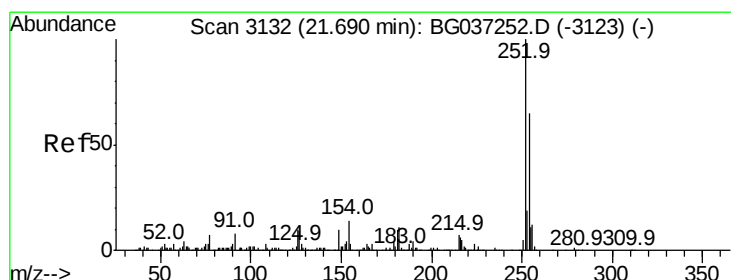
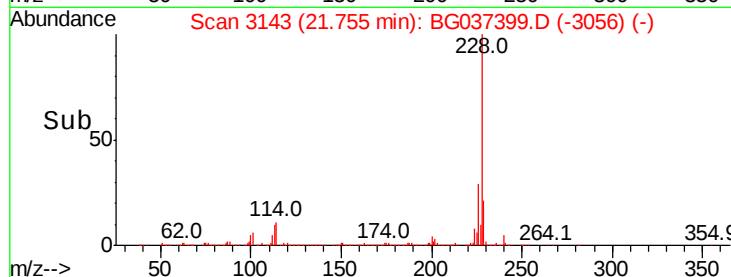
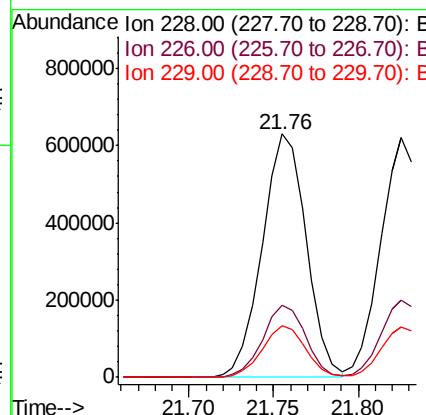
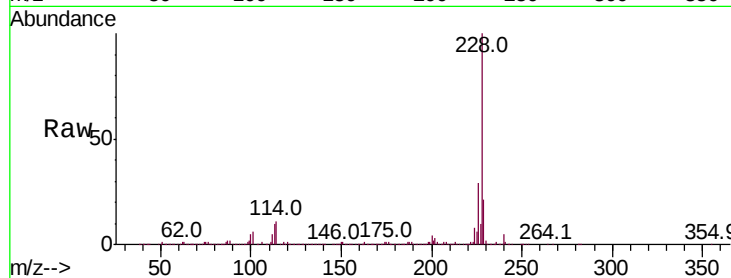
#81
Benzo(a)anthracene
Concen: 43.144 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	21.3	16.3	24.5

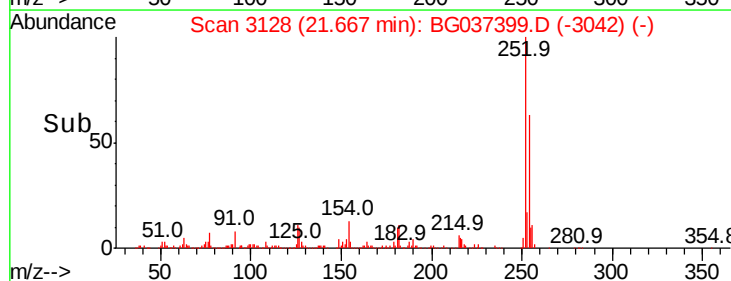
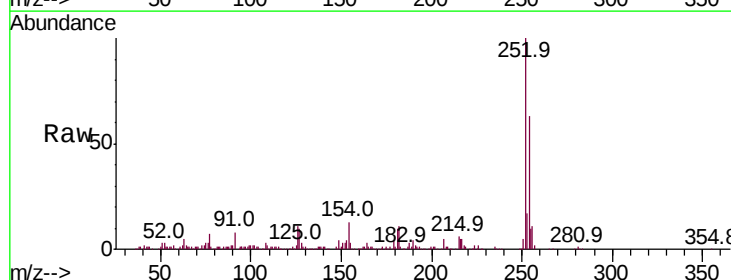
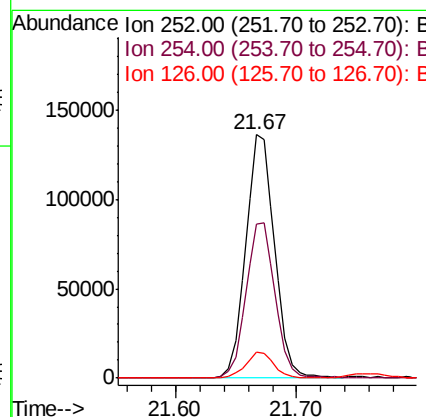
Manual Integrations
APPROVED

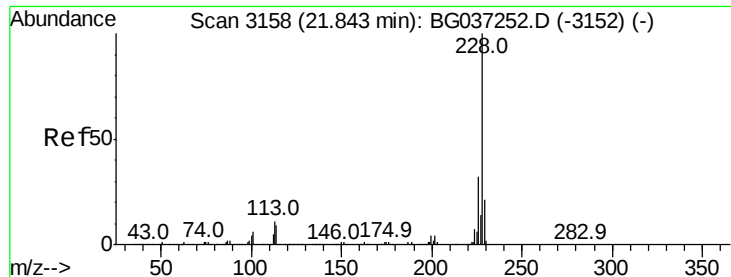
Sohil
10/18/2018 2:25:27 PM



#82
3,3'-Dichlorobenzidine
Concen: 22.198 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.0	78.0
126	10.8	8.2	12.4





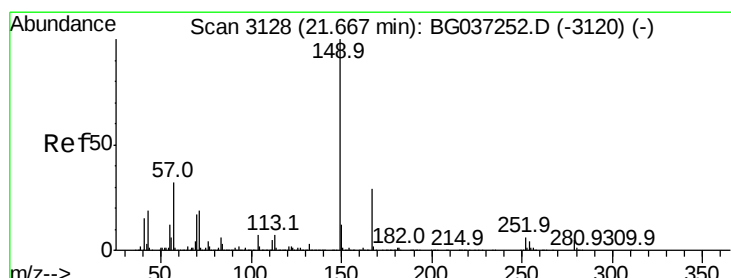
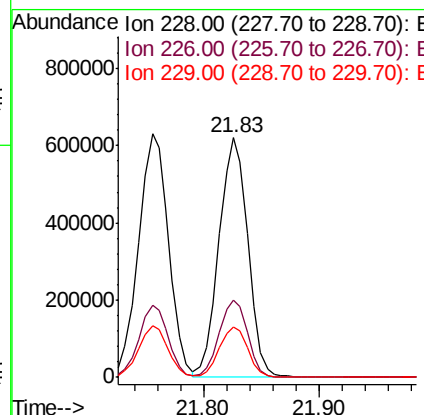
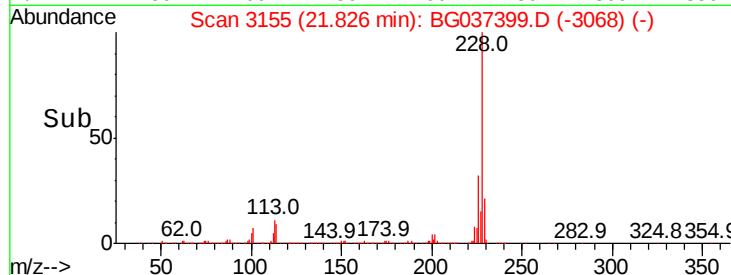
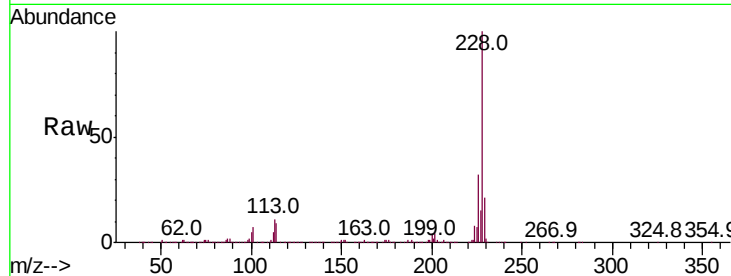
#83
Chrysene
Concen: 42.284 ng
RT: 21.83 min Scan# 3155
Delta R.T. -0.02 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion:228 Resp: 1068053
Ion Ratio Lower Upper
228 100
226 32.4 25.7 38.5
229 21.2 16.5 24.7

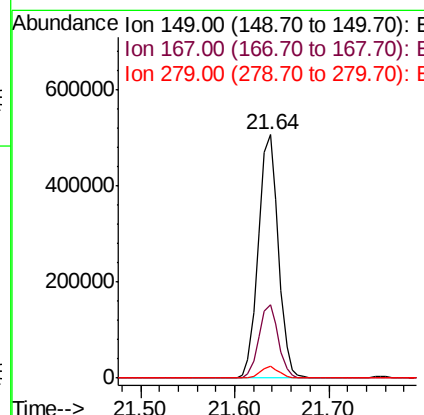
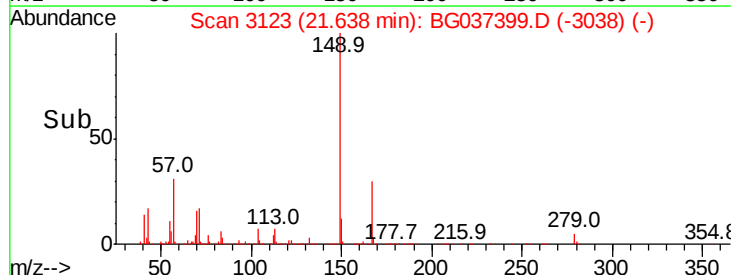
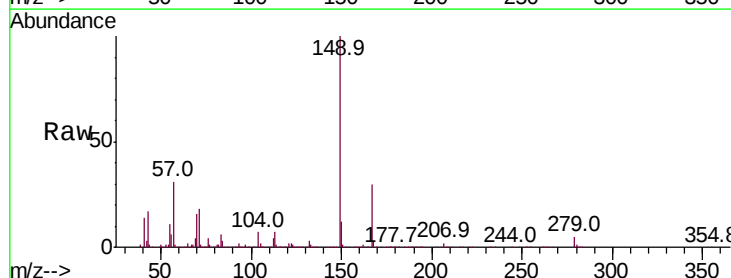
Manual Integrations
APPROVED

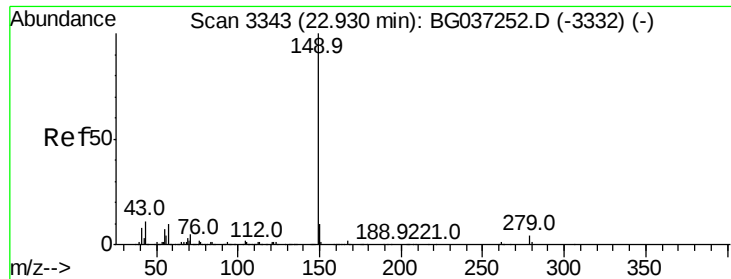
Sohil
10/18/2018 2:25:27 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.409 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.03 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion:149 Resp: 747137
Ion Ratio Lower Upper
149 100
167 29.9 23.0 34.4
279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 48.633 ng

RT: 22.89 min Scan# 3336

Delta R.T. -0.04 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

ClientSampleId :

SB-10-5-7FTMS

Tot Ion:149 Resp: 1270778

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

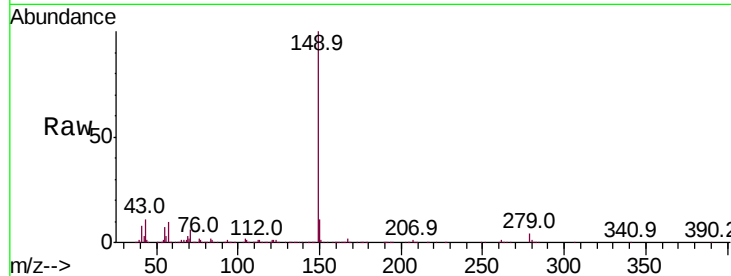
43 10.6 8.7 13.1

Manual Integrations

APPROVED

Sohil

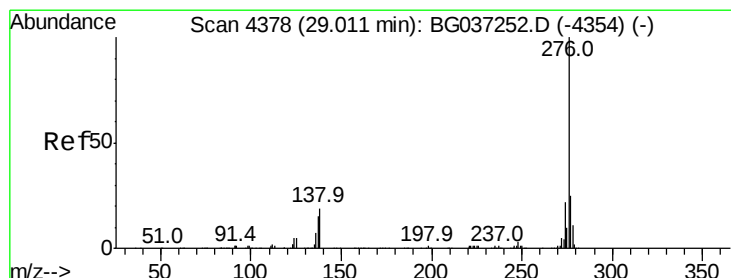
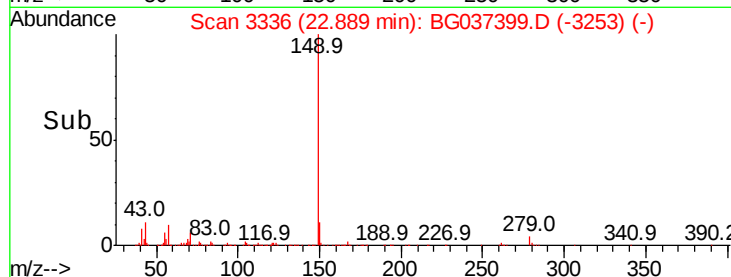
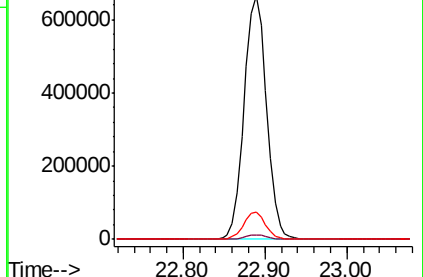
10/18/2018 2:25:27 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.030 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.06 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Tgt Ion:276 Resp: 1316724

Ion Ratio Lower Upper

276 100

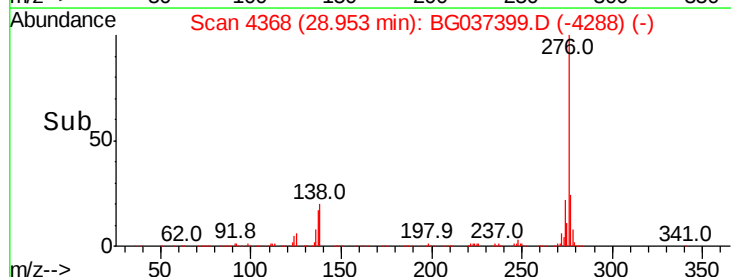
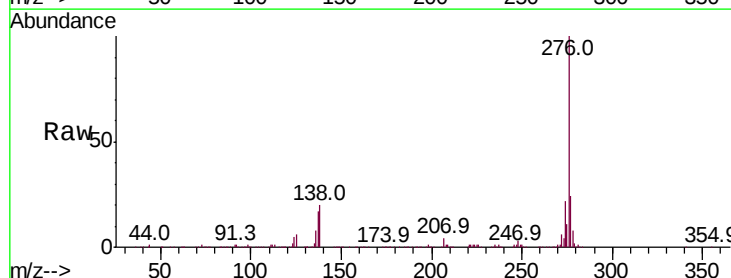
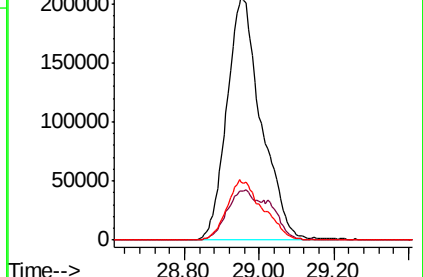
138 18.3 12.0 18.0#

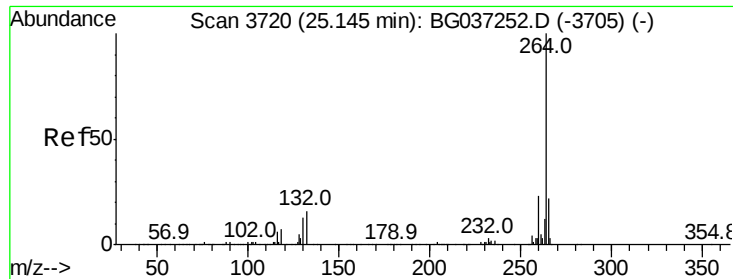
277 25.7 20.6 30.8

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





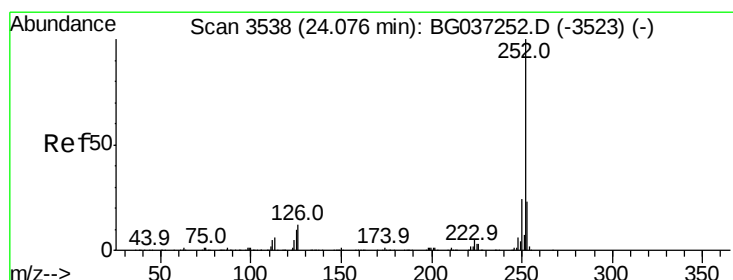
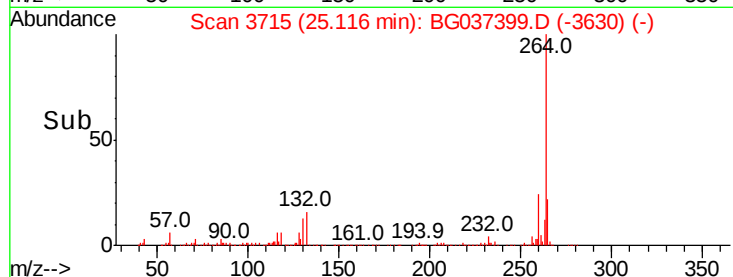
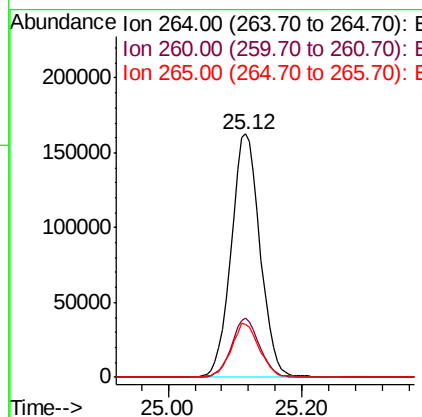
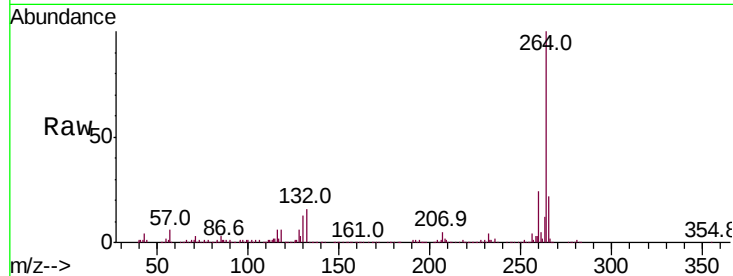
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Instrument :
BNA_G
ClientSampleId :
SB-10-5-7FTMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.7	17.9	26.9

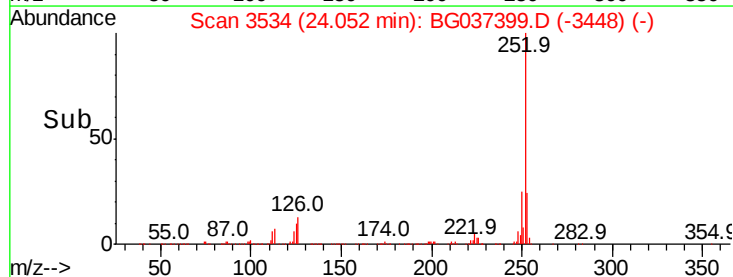
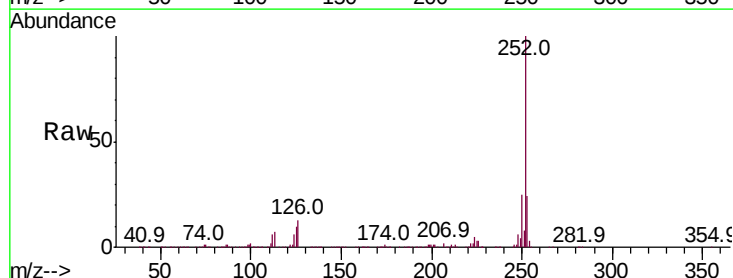
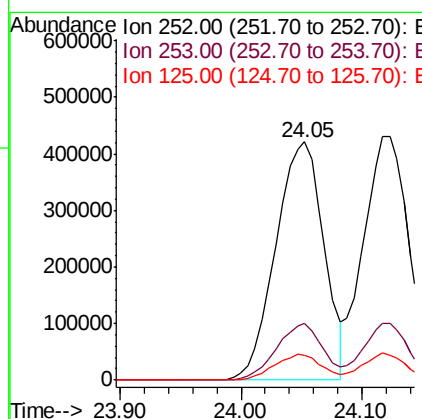
Manual Integrations
APPROVED

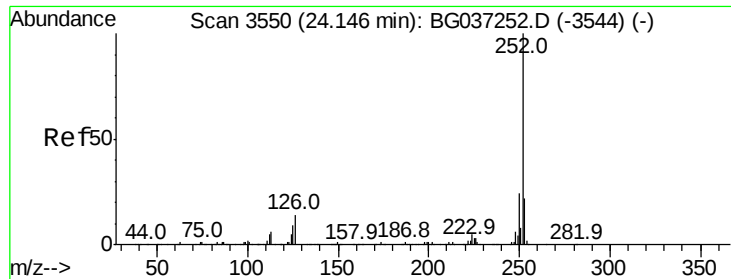
Sohil
10/18/2018 2:25:27 PM



#88
Benzo(b)fluoranthene
Concen: 43.512 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.02 min
Lab File: BG037399.D
Acq: 17 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	10.5	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 42.686 ng

RT: 24.12 min Scan# 3546

Delta R.T. -0.02 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

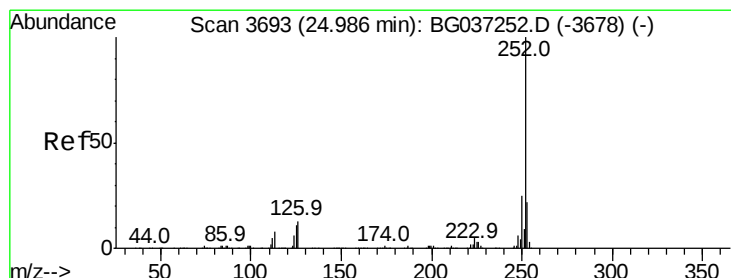
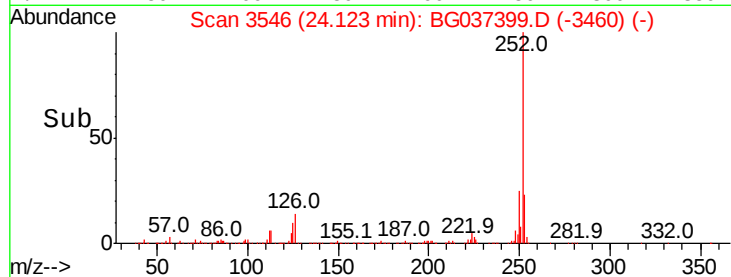
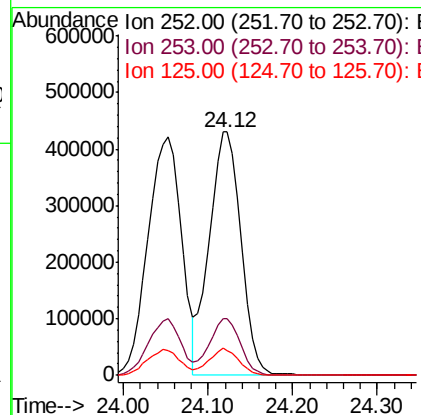
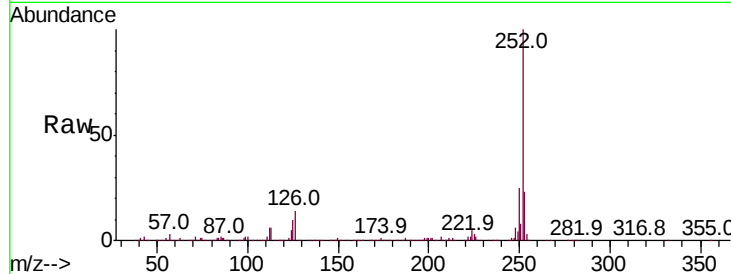
ClientSampleId :

SB-10-5-7FTMS

Tot Ion:	252	Resp:	1122450
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	10.0	7.4	11.0

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:27 PM



#90

Benzo(a)pyrene

Concen: 44.291 ng

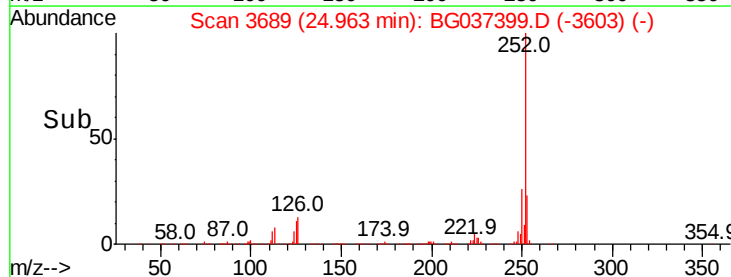
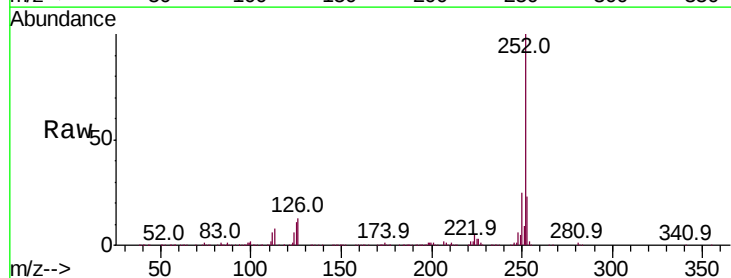
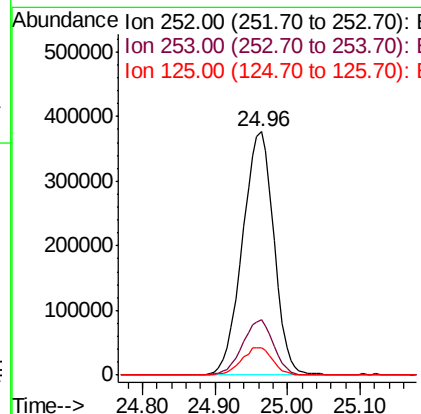
RT: 24.96 min Scan# 3689

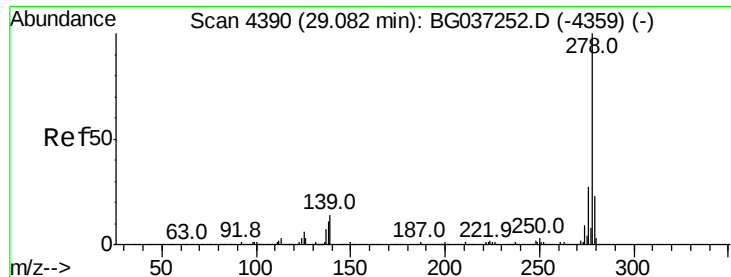
Delta R.T. -0.02 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Tgt Ion:	252	Resp:	1131784
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.1	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 43.599 ng

RT: 29.02 min Scan# 4380

Delta R.T. -0.06 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

Instrument :

BNA_G

ClientSampleId :

SB-10-5-7FTMS

Tot Ion:278 Resp: 1065993

Ion Ratio Lower Upper

278 100

139 15.7 11.5 17.3

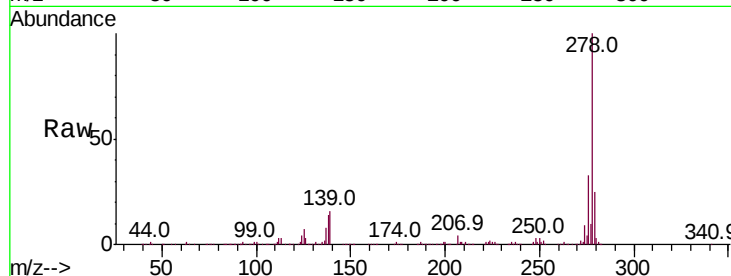
279 25.0 18.6 27.8

Manual Integrations

APPROVED

Sohil

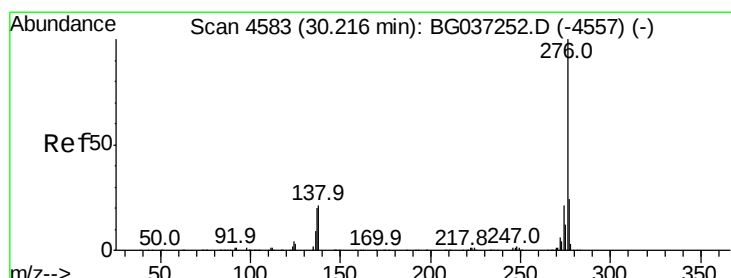
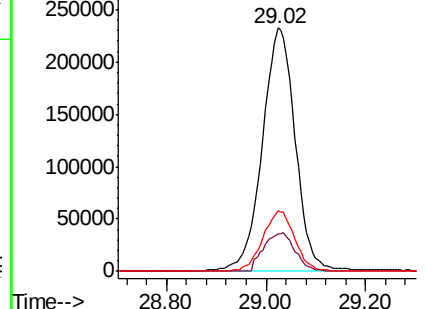
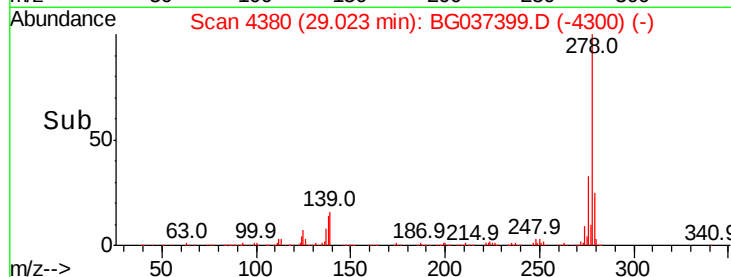
10/18/2018 2:25:27 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.711 ng

RT: 30.17 min Scan# 4575

Delta R.T. -0.05 min

Lab File: BG037399.D

Acq: 17 Oct 2018 20:46

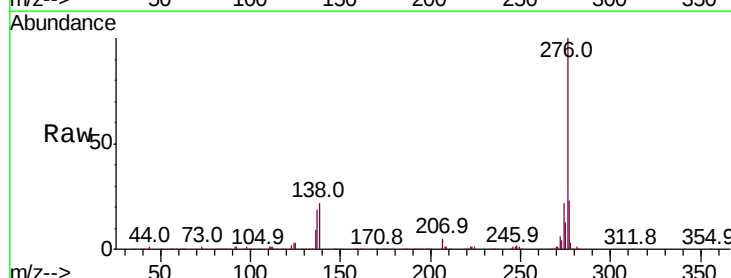
Tgt Ion:276 Resp: 1091801

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 21.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

