

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037549.D
 Acq On : 25 Oct 2018 17:39
 Operator : JU/SJ
 Sample : PB114142BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Manual Integrations
 APPROVED

Sohil
 10/26/2018 3:46:45 PM

Quant Time: Oct 26 08:19:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51149	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	225947	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	156478	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	383780	20.00	ng	0.00
76) Chrysene-d12	21.77	240	340171	20.00	ng	0.00
87) Perylene-d12	25.10	264	356644	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	374798	122.51	ng	0.00
7) Phenol-d6	7.25	99	550180	118.93	ng	0.00
23) Nitrobenzene-d5	9.28	82	311993	77.35	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	203308	119.12	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	753091	72.57	ng	0.00
79) Terphenyl-d14	20.08	244	1188861	74.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	40078	25.831	ng	99
3) Pyridine	3.93	79	121440	31.055	ng	93
4) n-Nitrosodimethylamine	3.85	42	55855	40.101	ng	# 91
6) Aniline	7.43	93	76974	13.639	ng	97
8) 2-Chlorophenol	7.66	128	146989	41.069	ng	99
9) Benzaldehyde	7.24	77	73150	25.277	ng	94
10) Phenol	7.27	94	202576	41.502	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	131129	35.371	ng	98
12) 1,3-Dichlorobenzene	7.99	146	136487	34.255	ng	100
13) 1,4-Dichlorobenzene	8.14	146	140344	34.434	ng	99
14) 1,2-Dichlorobenzene	8.46	146	136918	34.923	ng	99
15) Benzyl Alcohol	8.34	79	132030	38.624	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	247604	37.327	ng	98
17) 2-Methylphenol	8.54	107	134004	41.526	ng	99
18) Hexachloroethane	9.19	117	49786	35.830	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	113846	35.737	ng	95
20) 3+4-Methylphenols	8.87	107	189954	41.171	ng	100
22) Acetophenone	8.94	105	209271	36.930	ng	# 97
24) Nitrobenzene	9.32	77	163924	39.122	ng	95
25) Isophorone	9.84	82	321808	43.666	ng	95
26) 2-Nitrophenol	10.03	139	78563	41.620	ng	96
27) 2,4-Dimethylphenol	10.08	122	160243	47.546	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	200348	41.493	ng	98
29) 2,4-Dichlorophenol	10.56	162	163235	43.500	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	148536	36.399	ng	98
31) Naphthalene	10.97	128	452632	40.785	ng	100
32) Benzoic acid	10.19	122	93339	42.639	ng	95
33) 4-Chloroaniline	11.09	127	44979	8.626	ng	95
34) Hexachlorobutadiene	11.24	225	86453	35.746	ng	99
35) Caprolactam	11.87	113	61016m	40.543	ng	
36) 4-Chloro-3-methylphenol	12.19	107	182940	43.228	ng	99
37) 2-Methylnaphthalene	12.57	142	352155	43.530	ng	100
38) 1-Methylnaphthalene	12.79	142	337718	42.986	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	174080	34.490	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037549.D
 Acq On : 25 Oct 2018 17:39
 Operator : JU/SJ
 Sample : PB114142BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

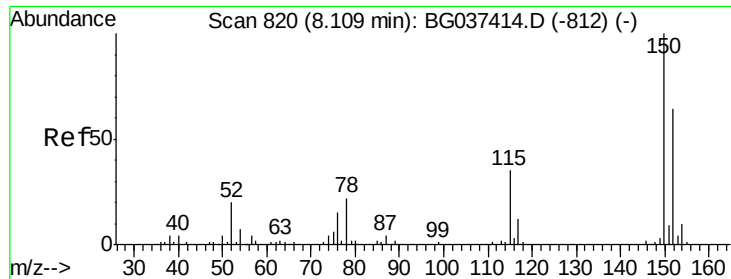
Manual Integrations
 APPROVED

Sohil
 10/26/2018 3:46:45 PM

Quant Time: Oct 26 08:19:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	207670	86.136	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	138374	41.036	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	152922	41.653	nq	97
46) 1,1'-Biphenyl	13.57	154	461783	35.634	nq	98
47) 2-Chloronaphthalene	13.62	162	368691	37.606	nq	99
48) 2-Nitroaniline	13.83	65	125391	42.175	nq	96
49) Acenaphthylene	14.46	152	620355	42.064	nq	99
50) Dimethylphthalate	14.19	163	494755	40.871	nq	99
51) 2,6-Dinitrotoluene	14.32	165	114480	42.749	nq	94
52) Acenaphthene	14.80	154	359528	39.583	nq	99
53) 3-Nitroaniline	14.65	138	48904	16.450	nq	94
54) 2,4-Dinitrophenol	14.85	184	76398	70.064	nq	99
55) Dibenzofuran	15.13	168	589491	39.172	nq	99
56) 4-Nitrophenol	14.94	139	255103	115.927	nq	98
57) 2,4-Dinitrotoluene	15.10	165	153615	43.699	nq	# 97
58) Fluorene	15.78	166	477495	42.371	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	133624	42.509	nq	98
60) Diethylphthalate	15.54	149	511920	41.191	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	250516	38.139	nq	99
62) 4-Nitroaniline	15.81	138	119896	40.587	nq	92
63) Azobenzene	16.06	77	487265	41.092	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	71415	37.683	nq	98
66) n-Nitrosodiphenylamine	15.99	169	438848	38.015	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	156438	37.119	nq	99
68) Hexachlorobenzene	16.77	284	158612	36.312	nq	98
69) Atrazine	16.93	200	164712	39.463	nq	98
70) Pentachlorophenol	17.12	266	180882	61.823	nq	95
71) Phenanthrene	17.53	178	798862	40.957	nq	98
72) Anthracene	17.62	178	814373	42.545	nq	99
73) Carbazole	17.89	167	734658	38.369	nq	99
74) Di-n-butylphthalate	18.42	149	884458	41.525	nq	100
75) Fluoranthene	19.53	202	928113	41.954	nq	99
77) Benzidine	19.71	184	160517	13.878	nq	100
78) Pyrene	19.89	202	918663	41.311	nq	99
80) Butylbenzylphthalate	20.76	149	392299	43.105	nq	99
81) Benzo(a)anthracene	21.75	228	862126	42.847	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	138825	17.800	nq	97
83) Chrysene	21.81	228	804214	41.567	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	553975	43.426	nq	100
85) Di-n-octyl phthalate	22.87	149	934119	44.905	nq	99
86) Indeno(1,2,3-cd)pyrene	28.92	276	832623	40.124	nq	100
88) Benzo(b)fluoranthene	24.04	252	853253	43.639	nq	98
89) Benzo(k)fluoranthene	24.11	252	819948	42.803	nq	98
90) Benzo(a)pyrene	24.94	252	818303	44.043	nq	98
91) Dibenzo(a,h)anthracene	28.99	278	691518	40.350	nq	98
92) Benzo(g,h,i)perylene	30.13	276	696679	40.181	nq	100

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



#1

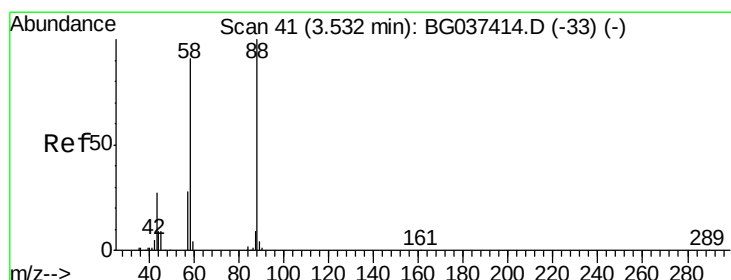
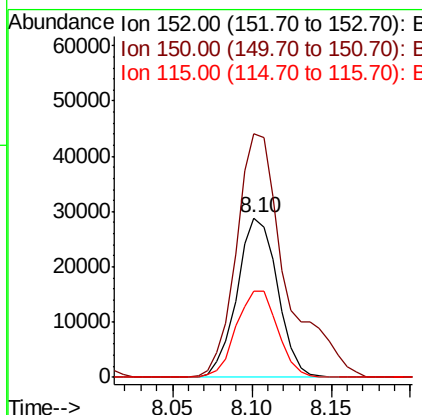
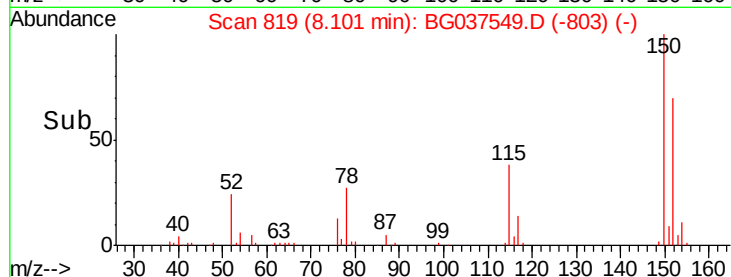
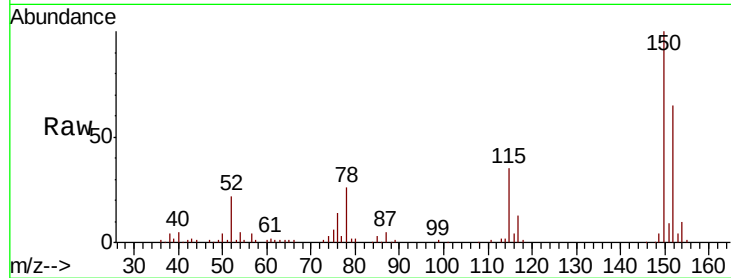
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.0	189.0
115	53.8	45.5	68.3

Manual Integrations
APPROVED

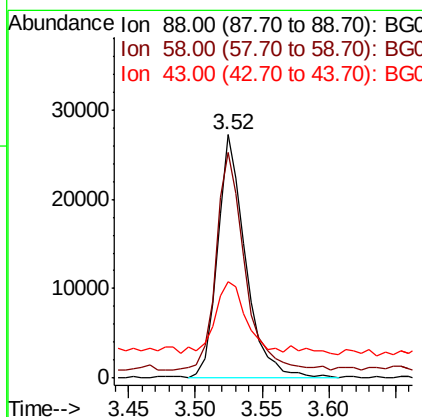
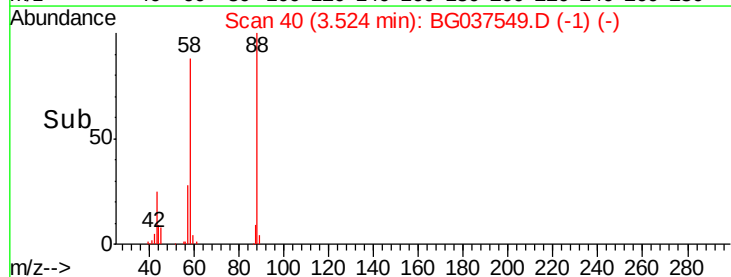
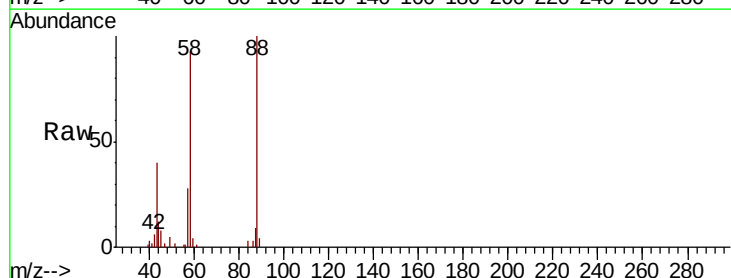
Sohil
10/26/2018 3:46:45 PM

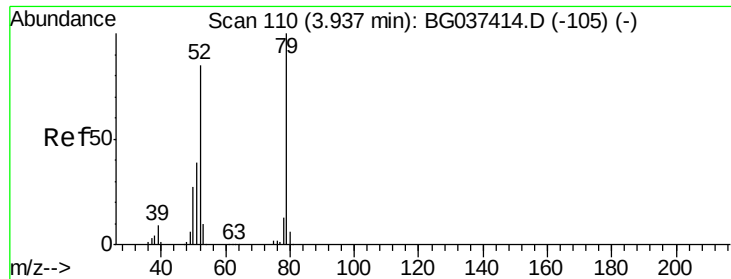


#2

1,4-Dioxane
Concen: 25.831 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.6	74.4	111.6
43	32.9	25.8	38.8





#3

Pvridine

Concen: 31.055 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

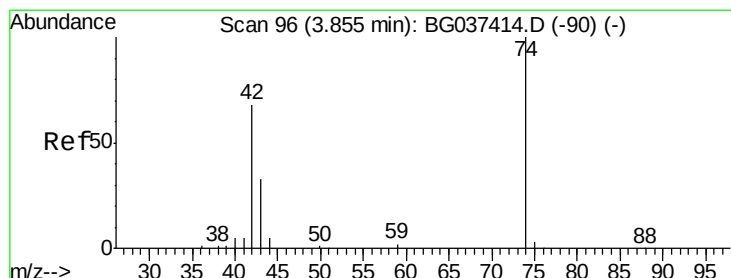
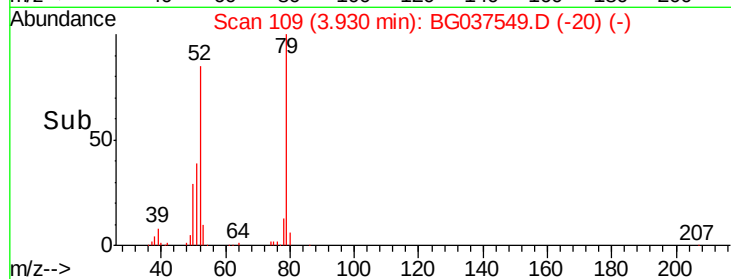
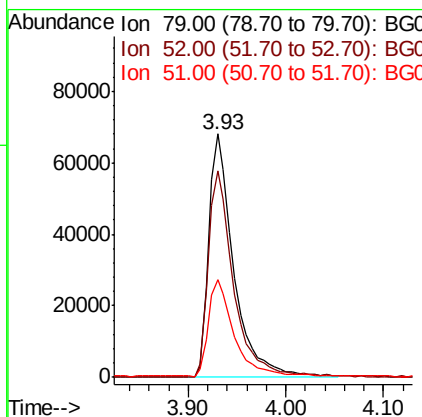
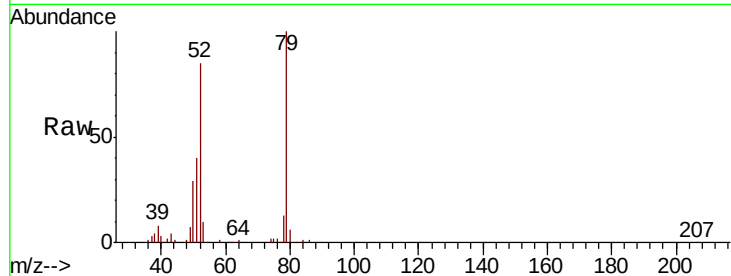
ClientSampleId :

PB114142BS

Tot Ion:	79	Resp:	121440
Ion	Ratio	Lower	Upper
79	100		
52	84.8	74.2	111.2
51	40.0	34.6	51.8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM



#4

n-Nitrosodimethylamine

Concen: 40.101 ng

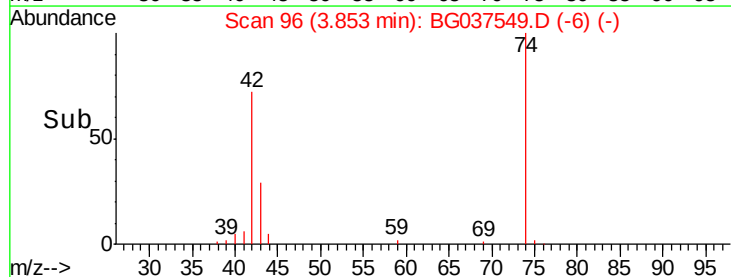
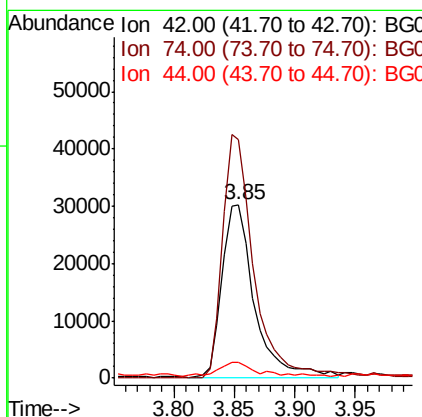
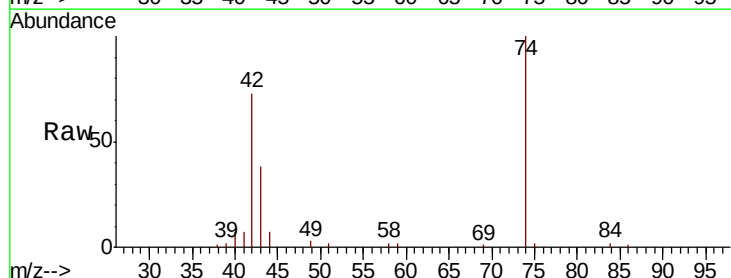
RT: 3.85 min Scan# 96

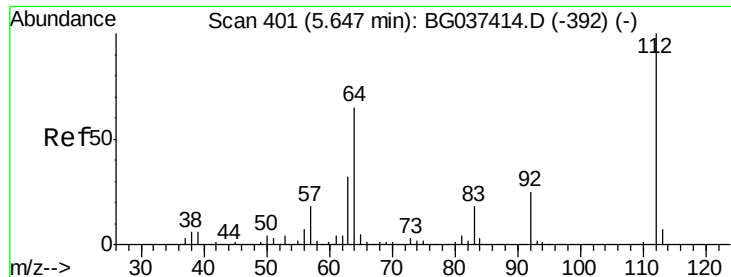
Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Tgt Ion:	42	Resp:	55855
Ion	Ratio	Lower	Upper
42	100		
74	137.5	102.0	153.0
44	9.0	9.6	14.4#





#5

2-Fluorophenol

Concen: 122.506 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

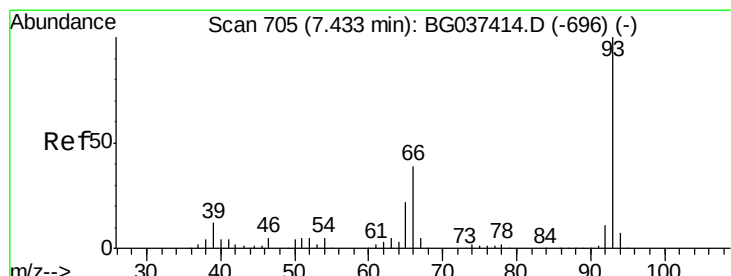
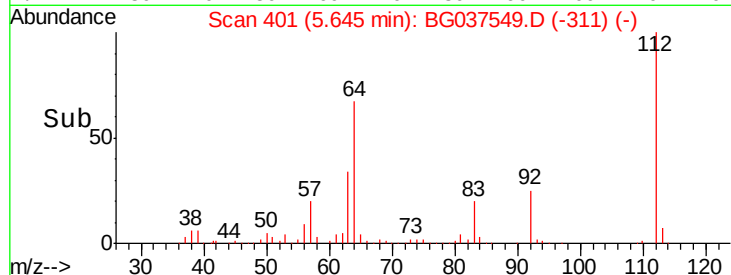
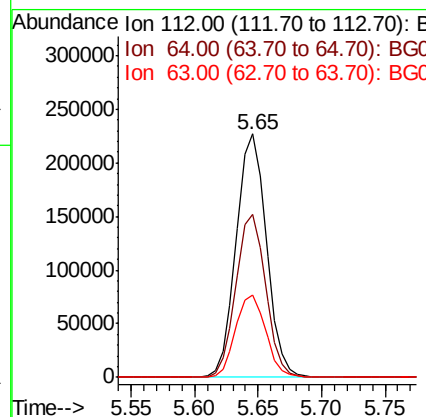
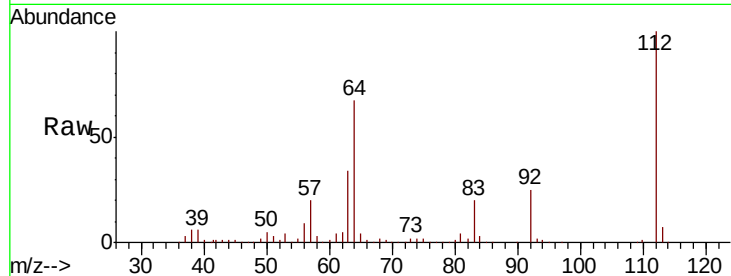
ClientSampleId :

PB114142BS

Tot Ion:	112	Resp:	374798
Ion Ratio	Lower	Upper	
112	100		
64	66.7	53.1	79.7
63	34.0	27.3	40.9

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM



#6

Aniline

Concen: 13.639 ng

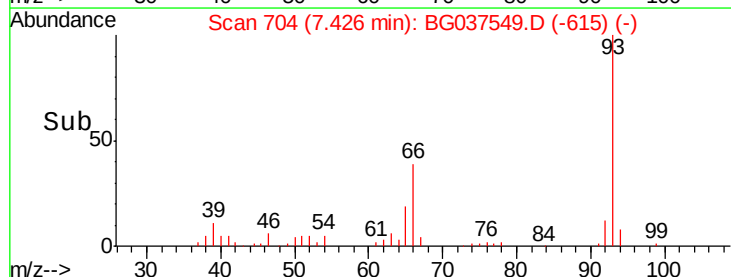
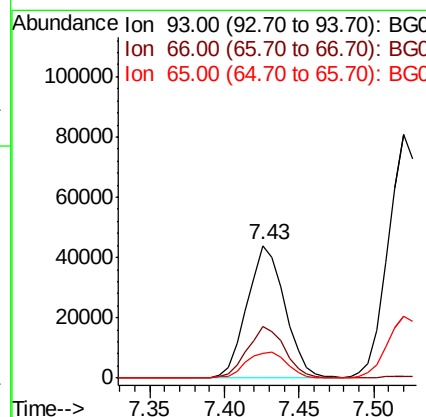
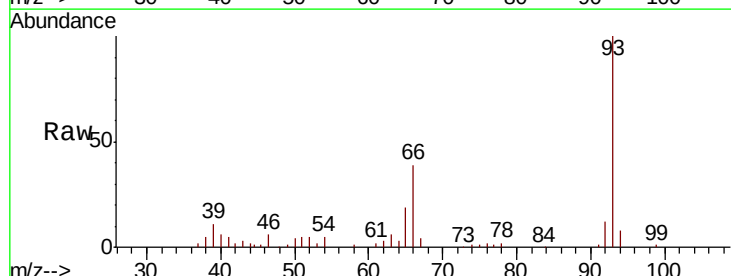
RT: 7.43 min Scan# 704

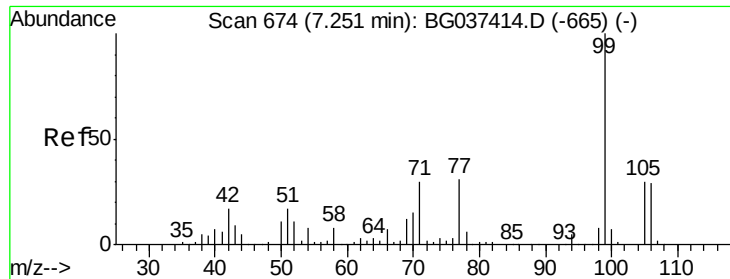
Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Tgt Ion:	93	Resp:	76974
Ion Ratio	Lower	Upper	
93	100		
66	39.4	32.8	49.2
65	19.0	16.4	24.6





#7

Phenol-d6

Concen: 118.926 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

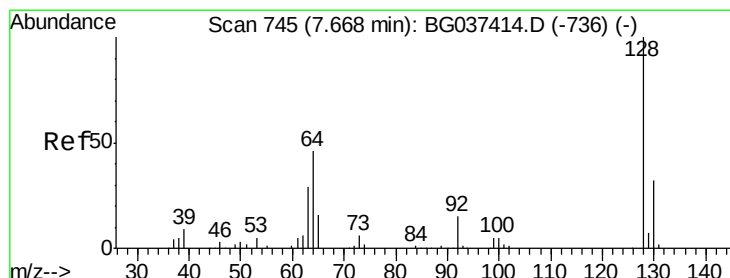
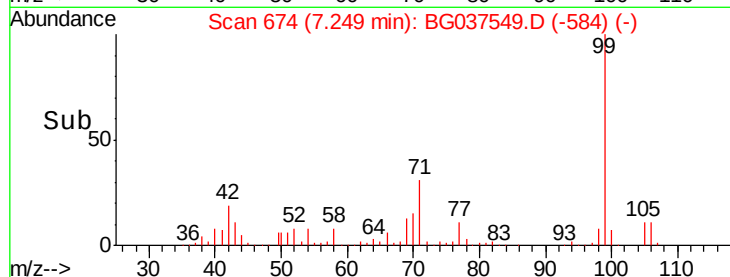
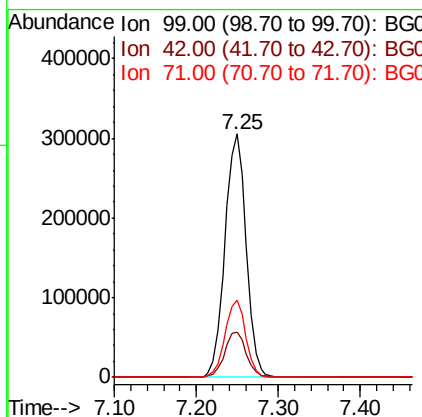
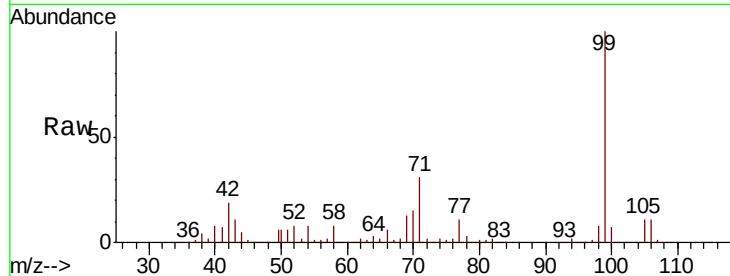
ClientSampleId :

PB114142BS

Tot Ion:	99	Resp:	550180
Ion Ratio	Lower	Upper	
99	100		
42	18.6	15.0	22.4
71	31.5	25.5	38.3

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM



#8

2-Chlorophenol

Concen: 41.069 ng

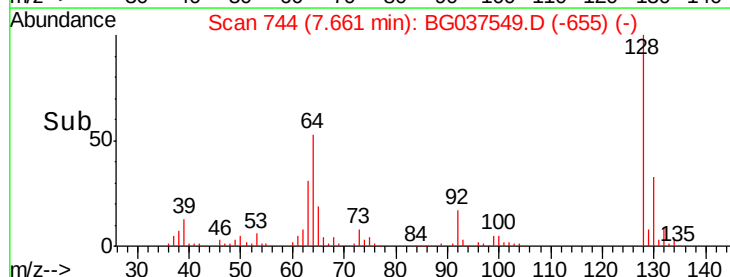
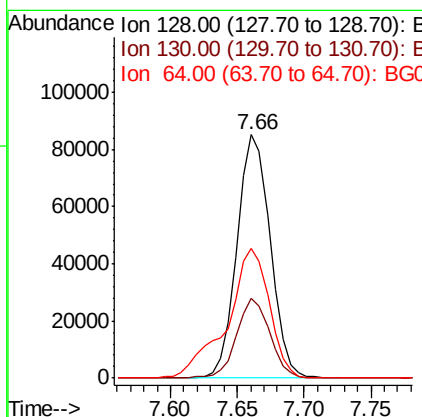
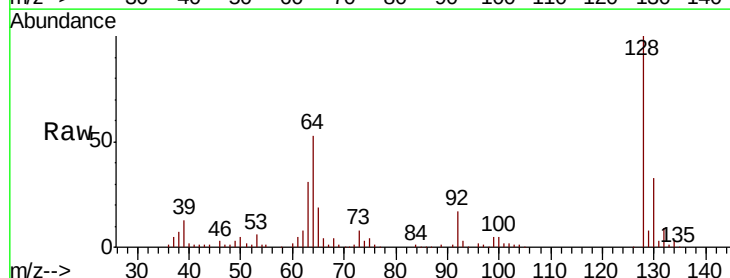
RT: 7.66 min Scan# 744

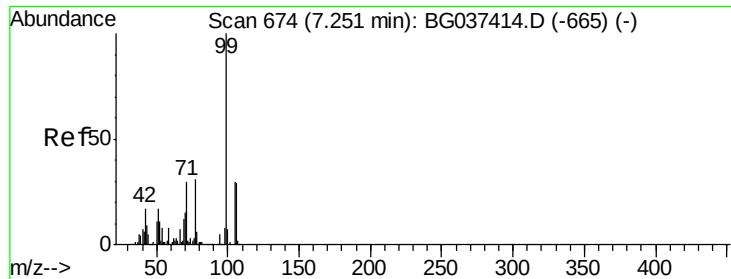
Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Tgt Ion:	128	Resp:	146989
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.0	52.0
64	53.5	32.9	72.9





#9

Benzaldehyde

Concen: 25.277 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

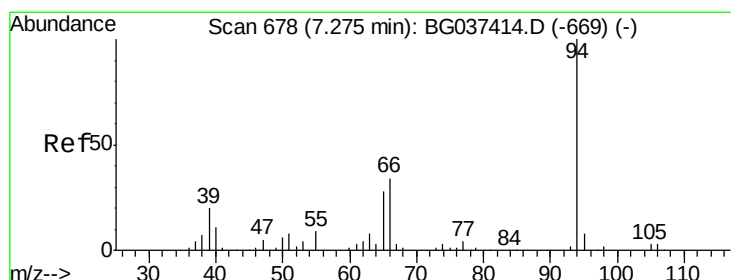
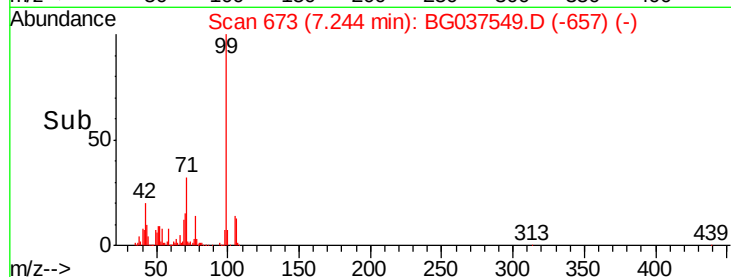
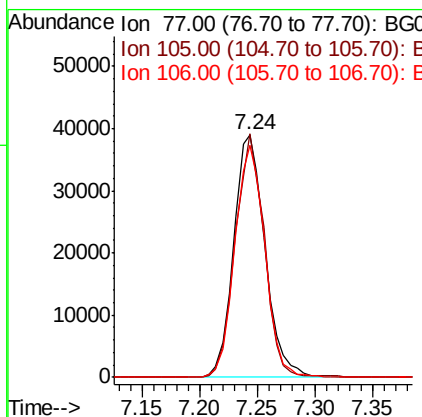
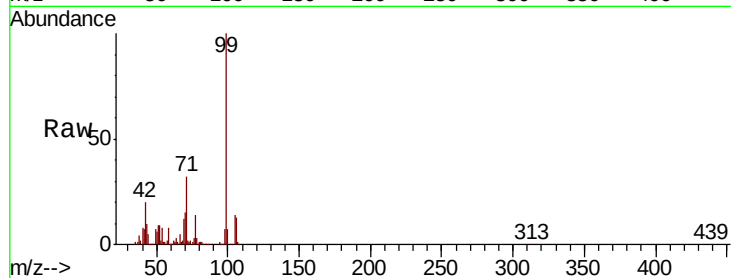
ClientSampled :

PB114142BS

Tot Ion:	77	Resp:	73150
Ion	Ratio	Lower	Upper
77	100		
105	100.4	72.6	112.6
106	95.8	71.3	111.3

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM



#10

Phenol

Concen: 41.502 ng

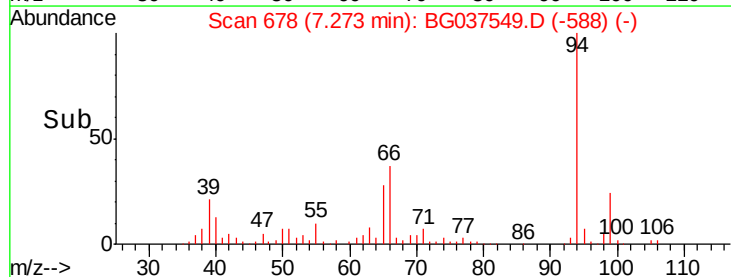
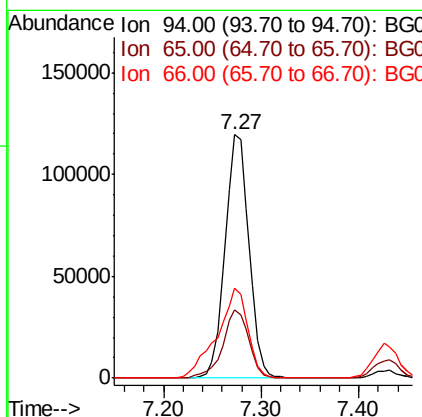
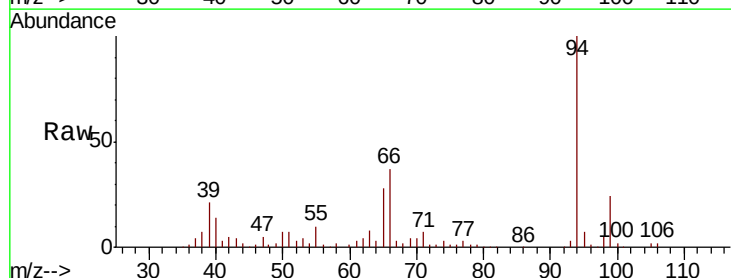
RT: 7.27 min Scan# 678

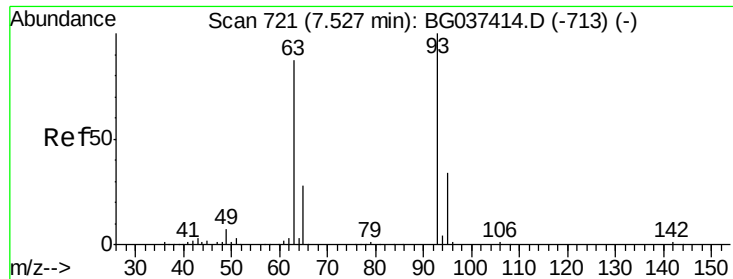
Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Tgt Ion:	94	Resp:	202576
Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.7	49.7
66	36.7	15.9	55.9





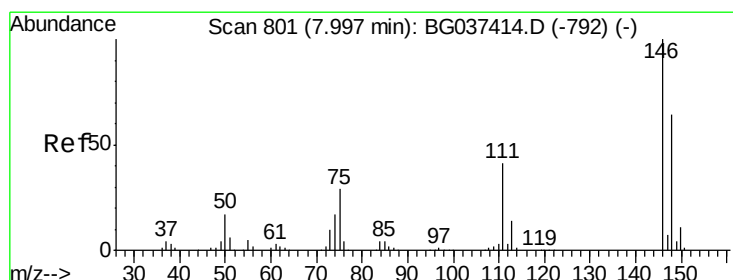
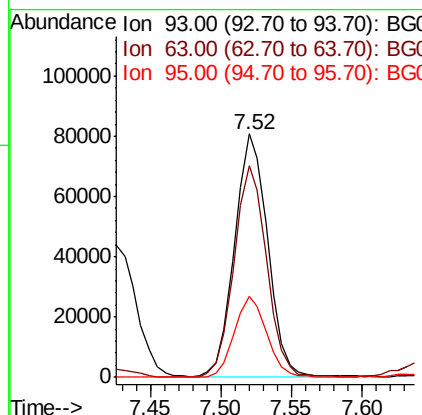
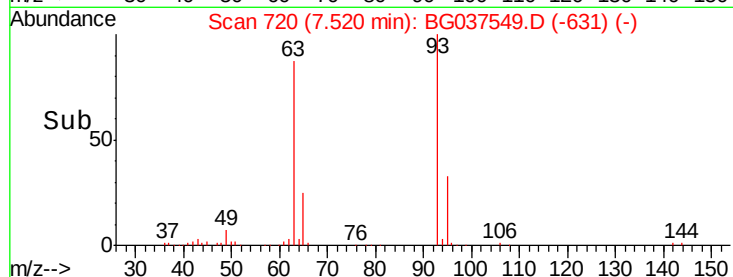
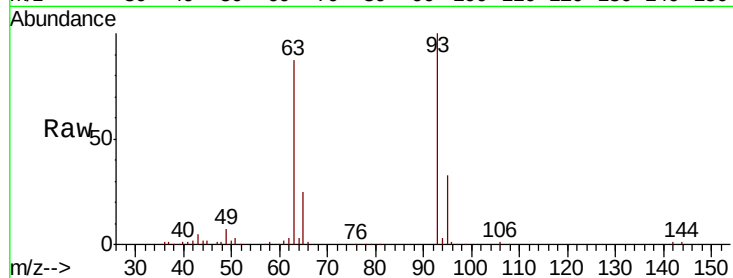
#11
bis(2-Chloroethyl)ether
Concen: 35.371 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion:	93	Resp:	131129
Ion	Ratio	Lower	Upper
93	100		
63	87.1	69.5	109.5
95	33.0	12.6	52.6

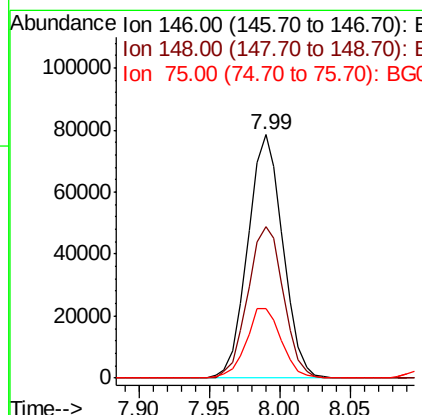
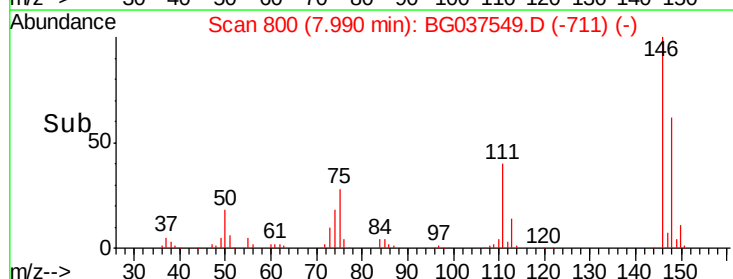
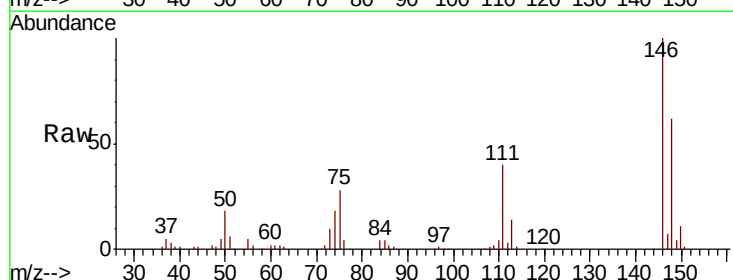
Manual Integrations
APPROVED

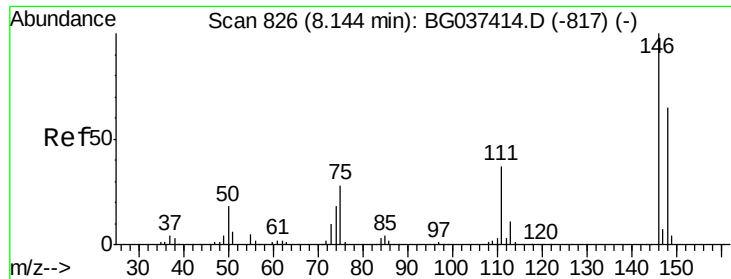
Sohil
10/26/2018 3:46:45 PM



#12
1,3-Dichlorobenzene
Concen: 34.255 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:	146	Resp:	136487
Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.8	74.8
75	28.3	23.2	34.8





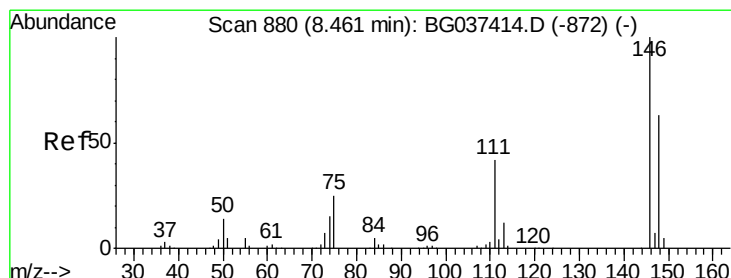
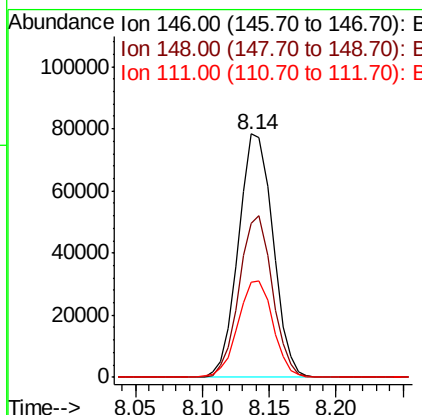
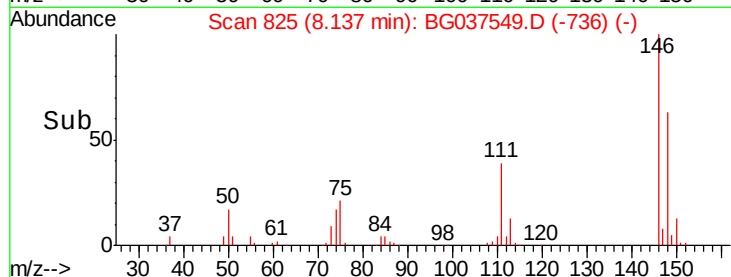
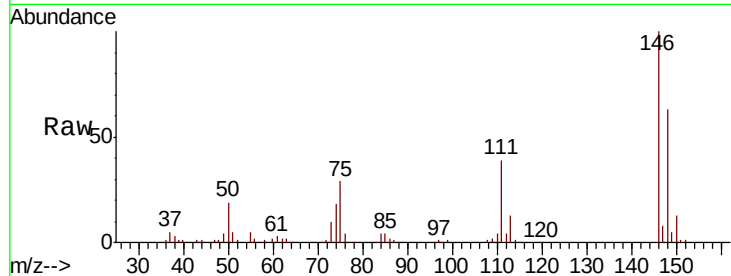
#13
 1,4-Dichlorobenzene
 Concen: 34.434 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampled :
 PB114142BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.6
111	39.2	32.4	48.6

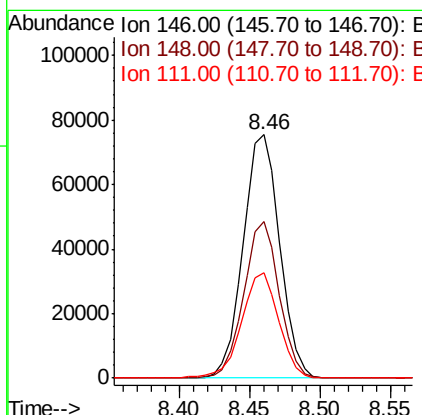
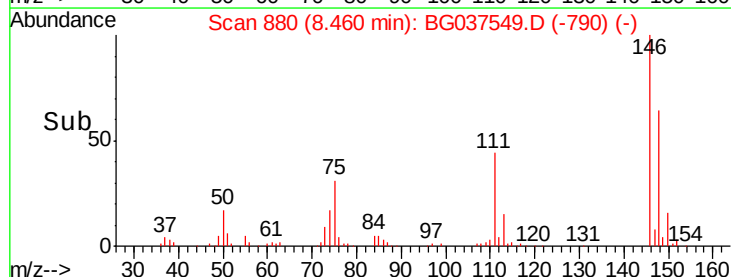
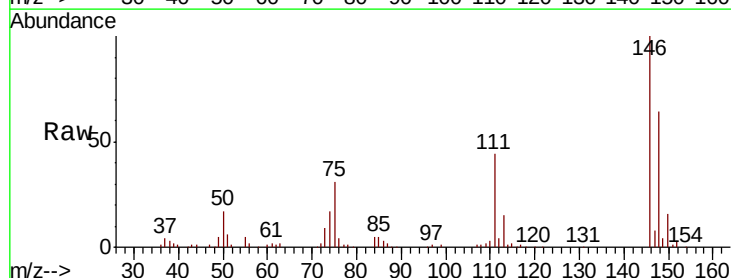
Manual Integrations
 APPROVED

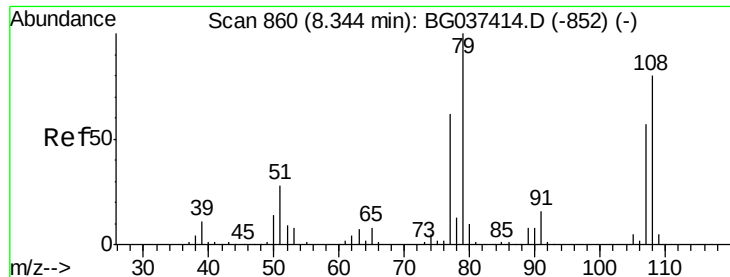
Sohil
 10/26/2018 3:46:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.923 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	43.5	34.6	51.8





#15

Benzyl Alcohol

Concen: 38.624 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

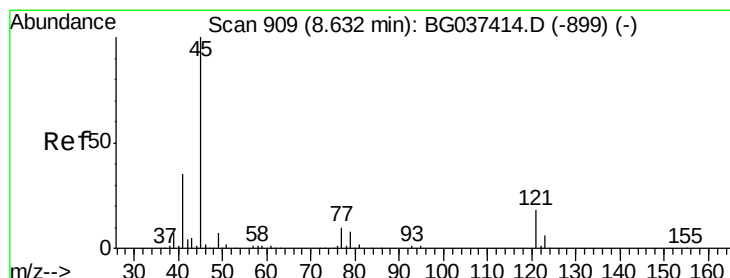
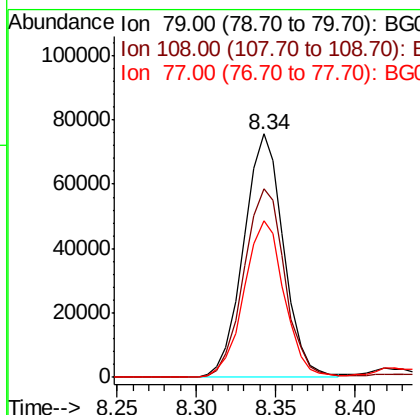
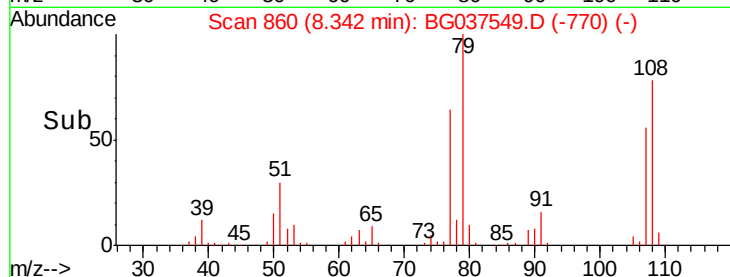
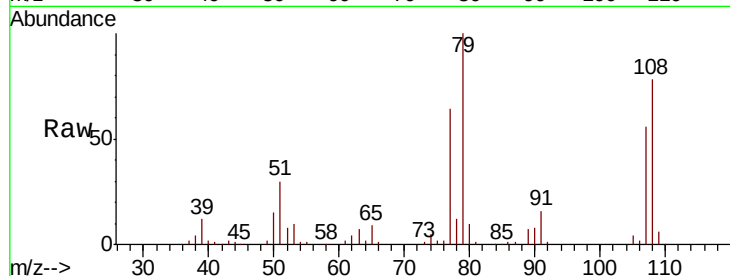
ClientSampleID :

PB114142BS

Tot Ion:	79	Resp:	132030
Ion Ratio	Lower	Upper	
79	100		
108	77.6	65.8	98.8
77	64.2	52.9	79.3

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.327 ng

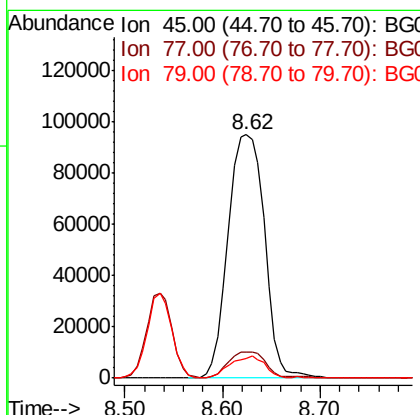
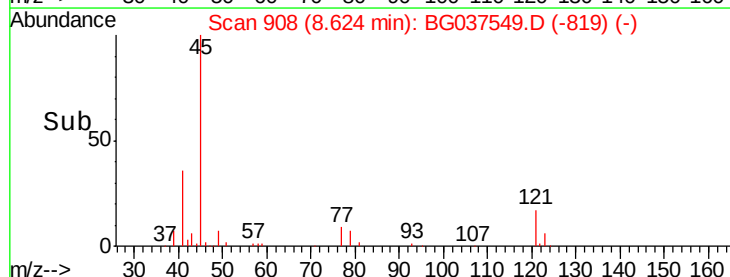
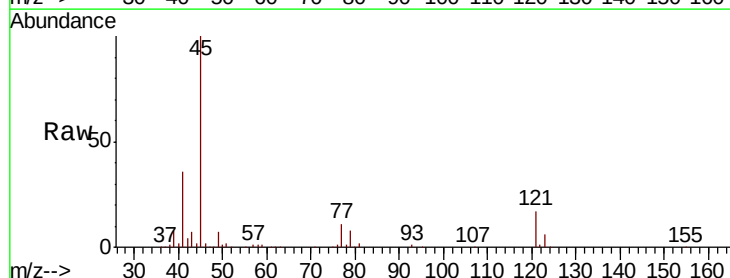
RT: 8.62 min Scan# 908

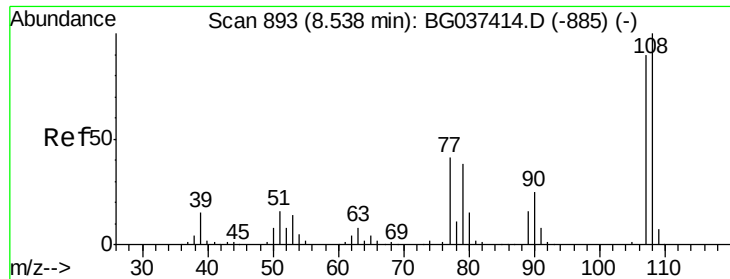
Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Tgt Ion:	45	Resp:	247604
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.0
79	8.2	0.0	29.0





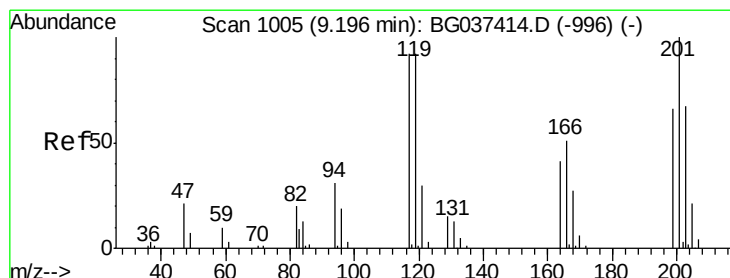
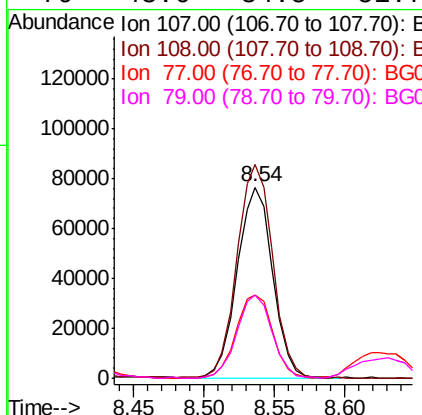
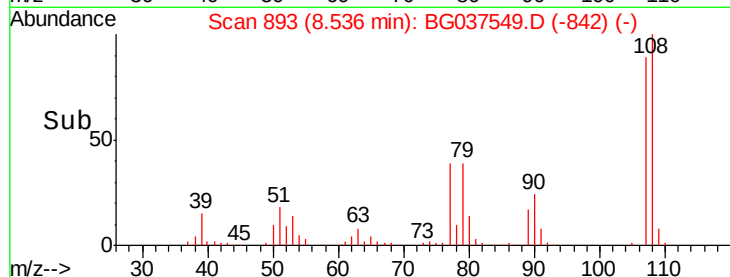
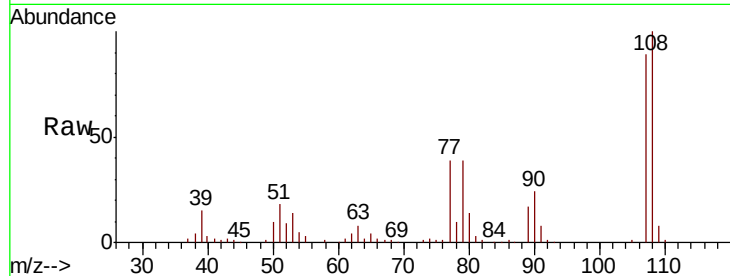
#17
2-Methylphenol
Concen: 41.526 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	87.9	131.9	
77	43.6	35.1	52.7	
79	43.6	34.5	51.7	

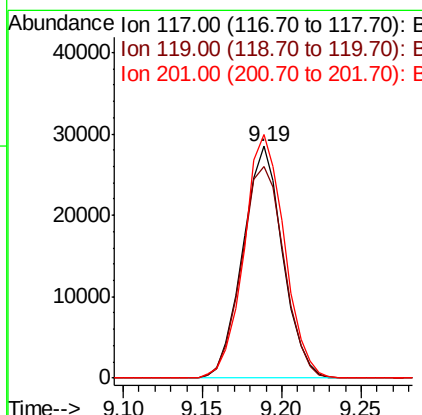
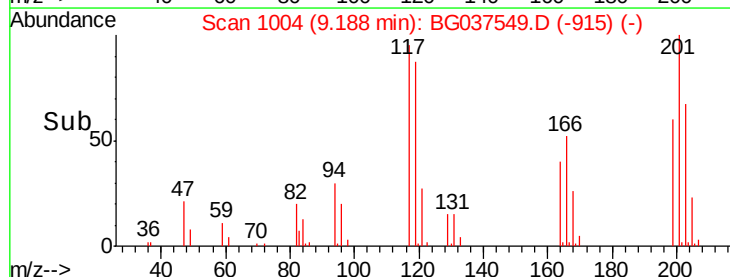
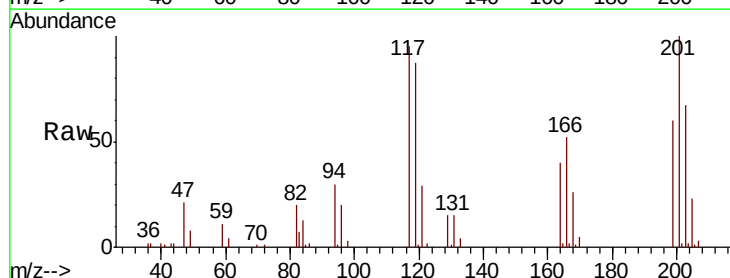
Manual Integrations
APPROVED

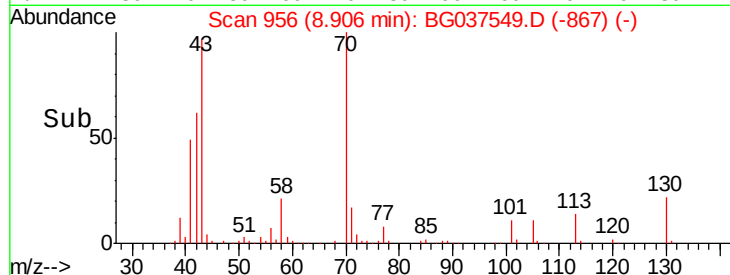
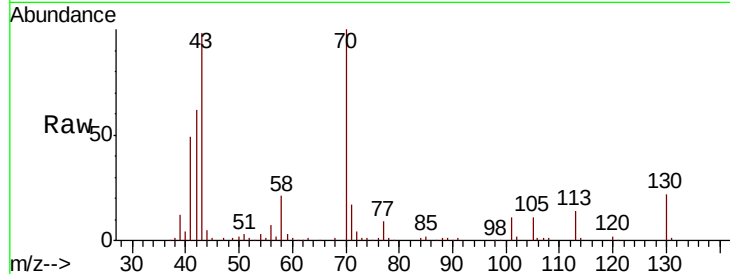
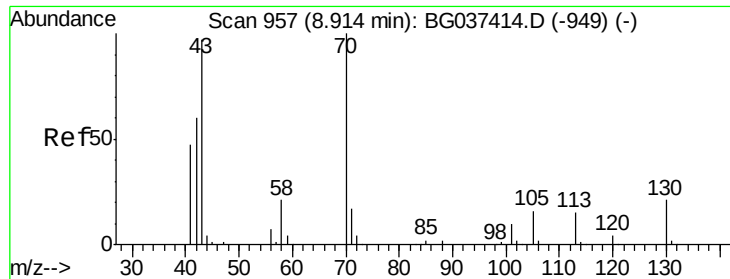
Sohil
10/26/2018 3:46:45 PM



#18
Hexachloroethane
Concen: 35.830 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.3	74.6	111.8	
201	107.2	80.8	121.2	





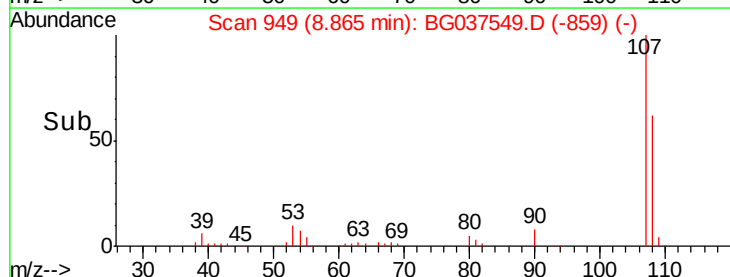
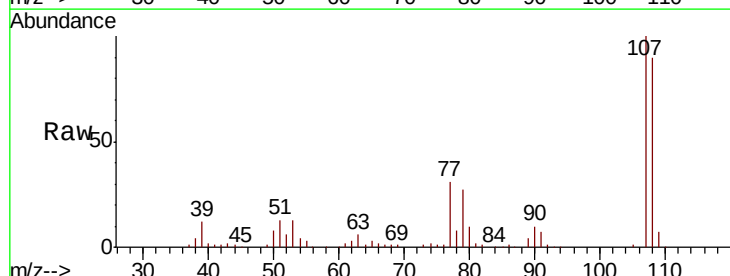
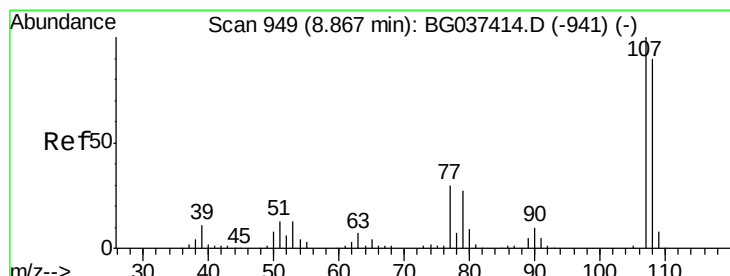
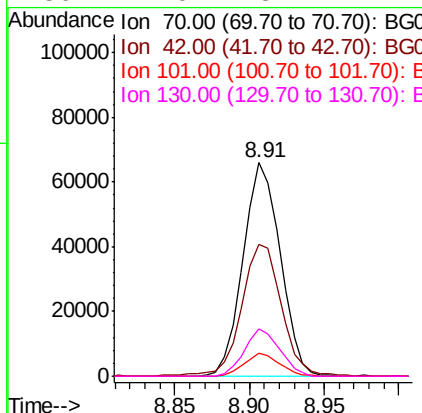
#19
n-Nitroso-di-n-propylamine
Concen: 35.737 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.8	53.9	80.9	
101	11.0	8.2	12.2	
130	22.0	18.2	27.4	

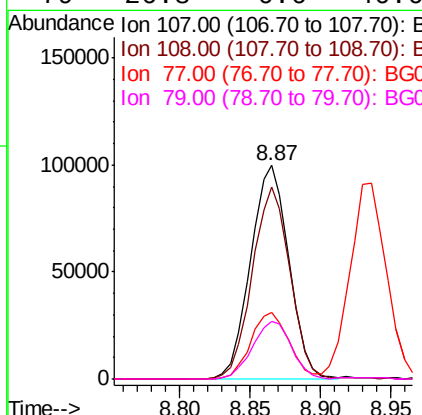
Manual Integrations
APPROVED

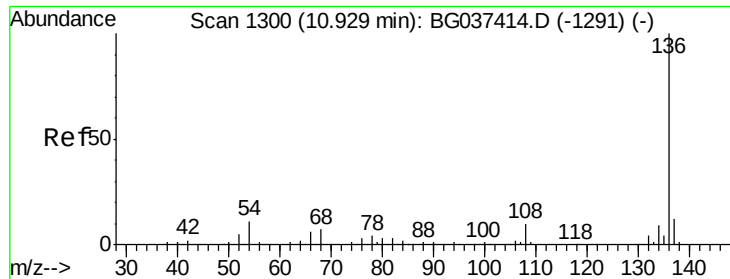
Sohil
10/26/2018 3:46:45 PM



#20
3+4-Methylphenols
Concen: 41.171 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	69.9	109.9	
77	31.4	11.2	51.2	
79	26.8	6.6	46.6	





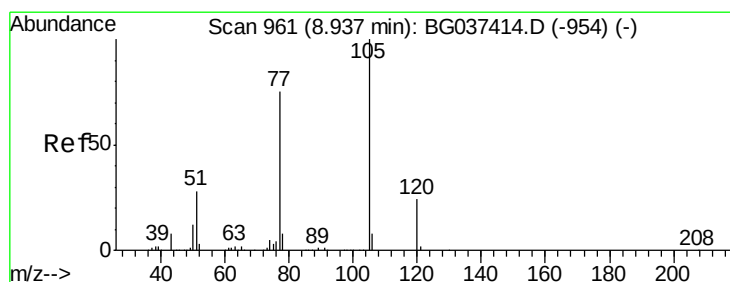
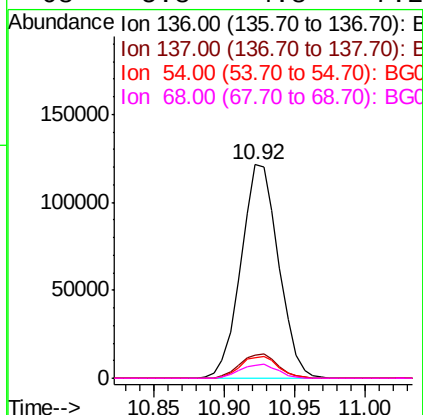
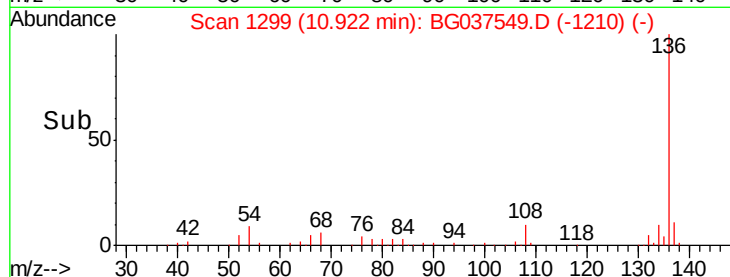
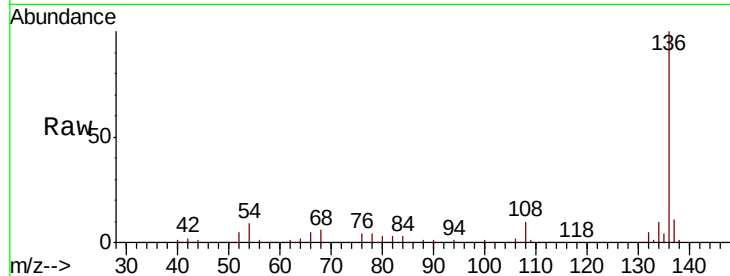
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	225947		
137	11.0		9.6	14.4
54	9.4		7.9	11.9
68	5.8		4.8	7.2

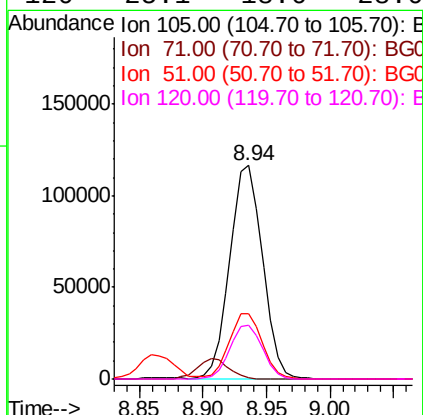
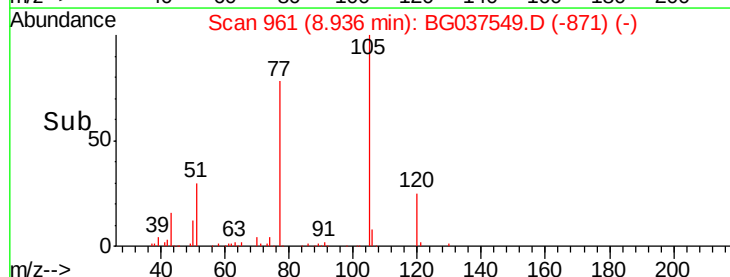
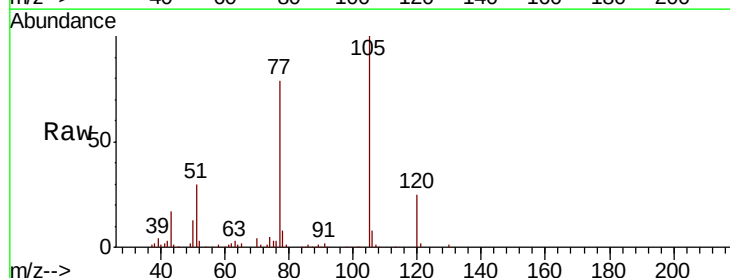
Manual Integrations
APPROVED

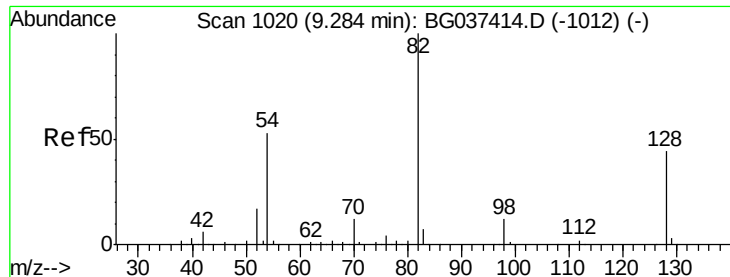
Sohil
10/26/2018 3:46:45 PM



#22
Acetophenone
Concen: 36.930 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	209271		
71	0.5		1.2	1.8#
51	30.4		25.0	37.6
120	25.1		18.6	28.0





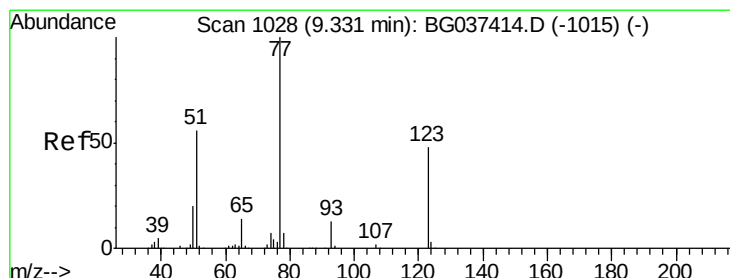
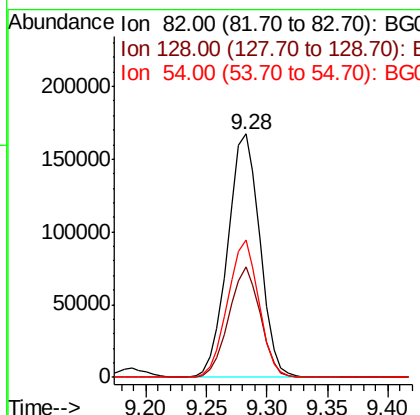
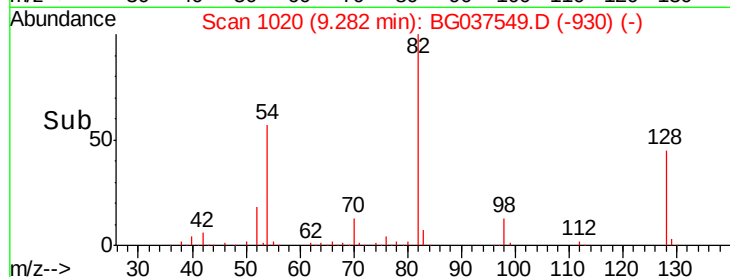
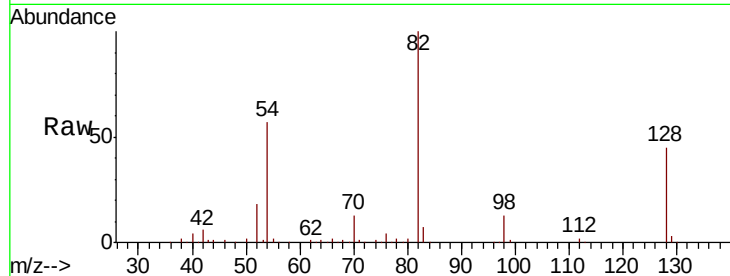
#23
Nitrobenzene-d5
Concen: 77.352 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	311993		
128	45.2	34.6	51.8	
54	56.5	45.3	67.9	

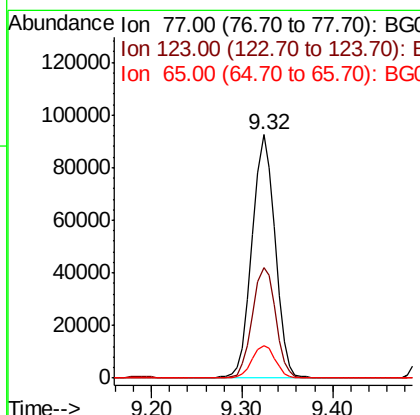
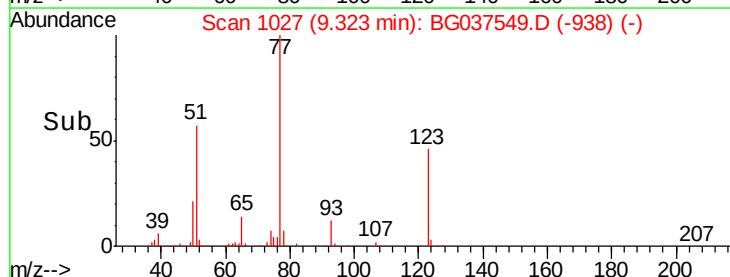
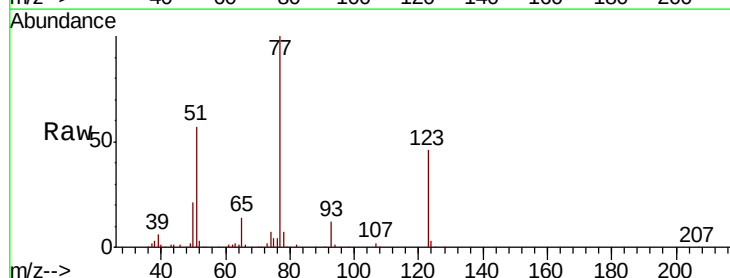
Manual Integrations
APPROVED

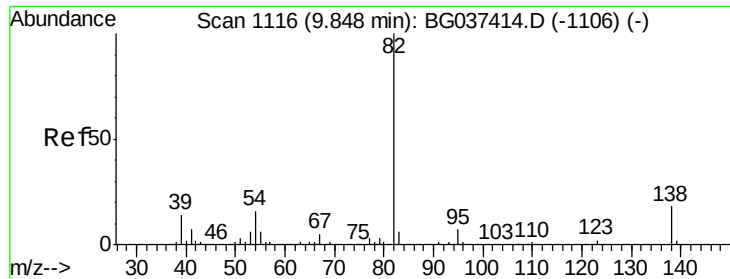
Sohil
10/26/2018 3:46:45 PM



#24
Nitrobenzene
Concen: 39.122 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	163924		
123	45.5	33.6	50.4	
65	13.5	11.3	16.9	





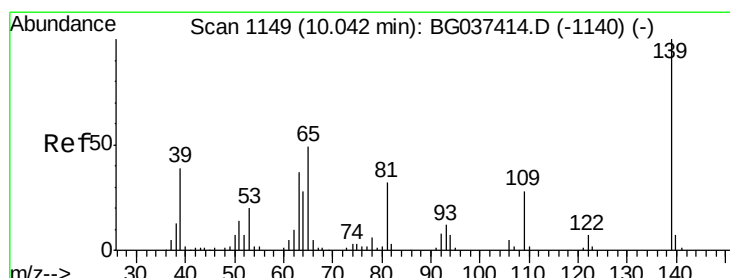
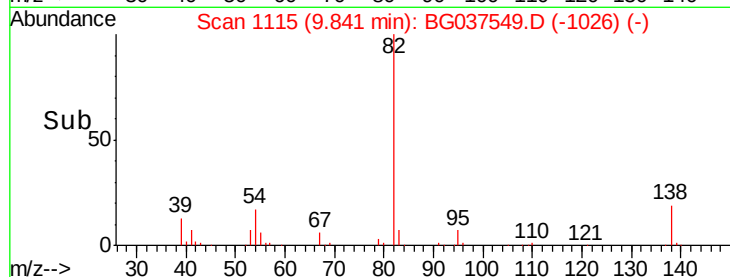
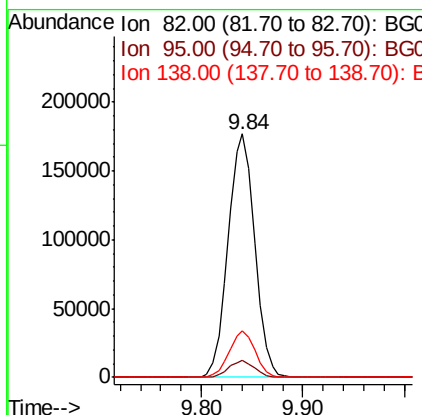
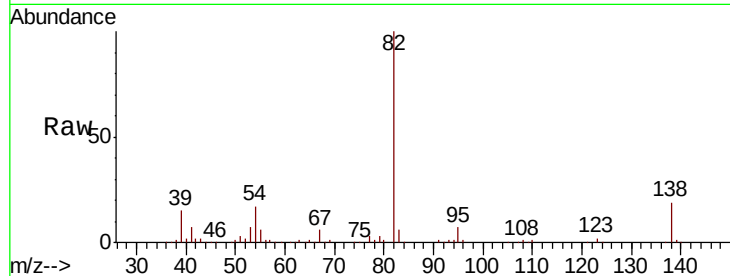
#25
Isophorone
Concen: 43.666 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	321808		
95	7.2		5.3	7.9
138	19.2		13.3	19.9

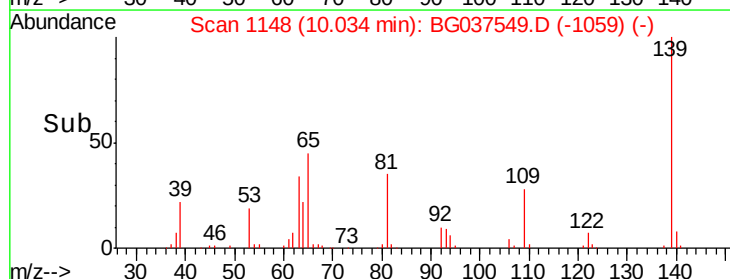
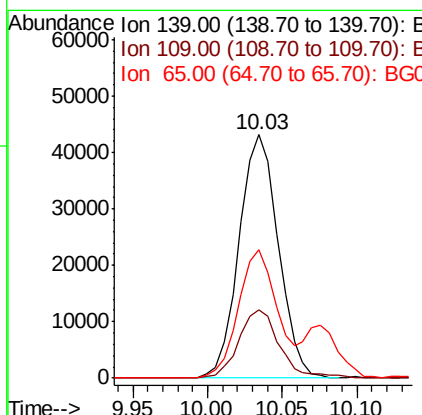
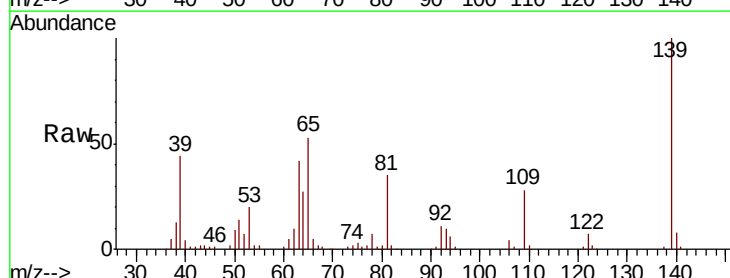
Manual Integrations
APPROVED

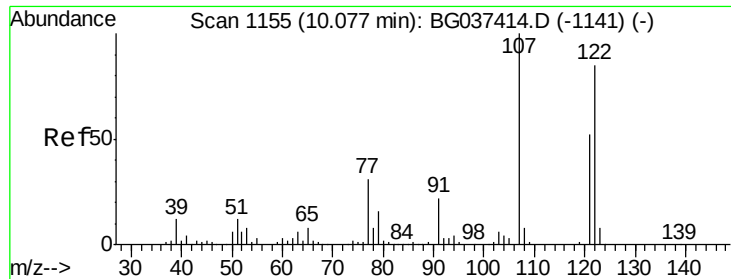
Sohil
10/26/2018 3:46:45 PM



#26
2-Nitrophenol
Concen: 41.620 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	78563		
109	28.0		23.3	34.9
65	53.0		39.8	59.8





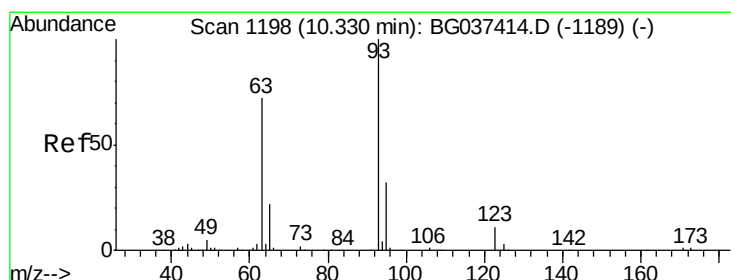
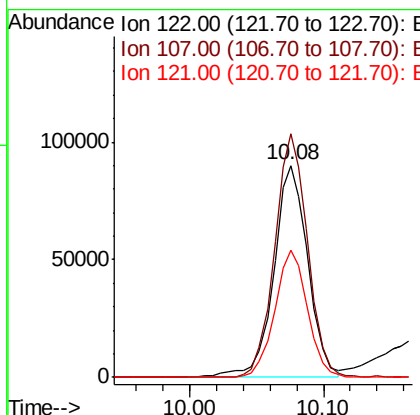
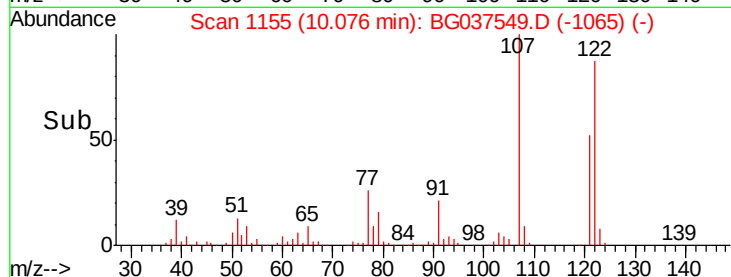
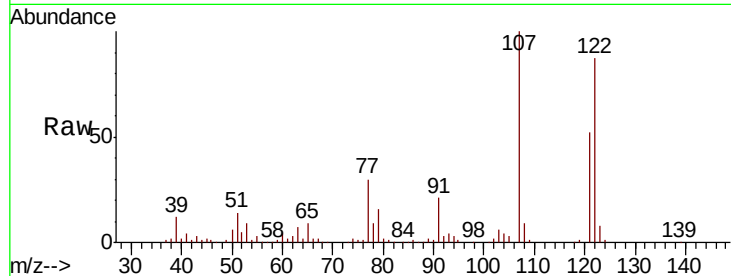
#27
2,4-Dimethylphenol
Concen: 47.546 ng
RT: 10.08 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	94.2	141.2
121	60.0	47.3	70.9

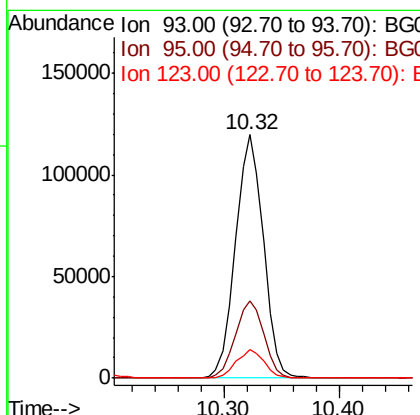
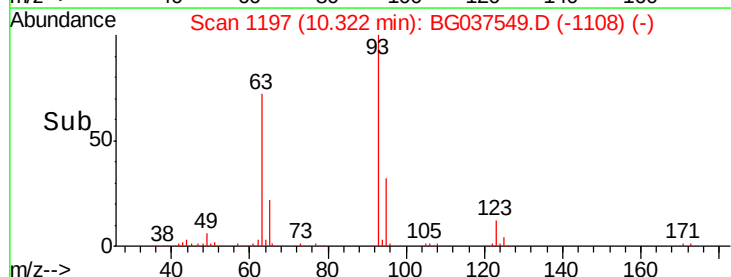
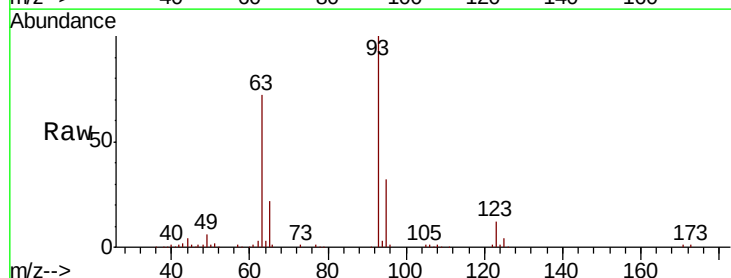
Manual Integrations
APPROVED

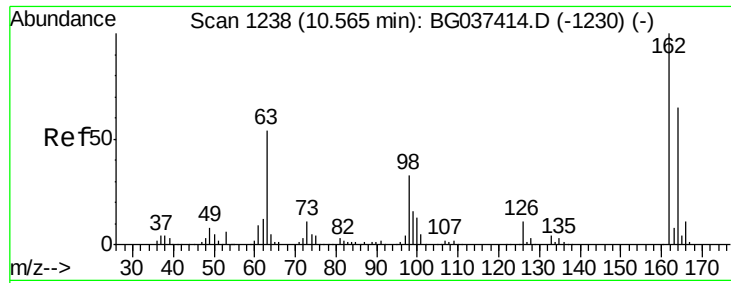
Sohil
10/26/2018 3:46:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.493 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.6	37.0
123	11.9	9.1	13.7





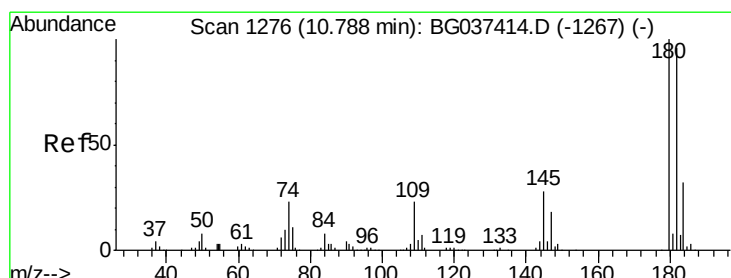
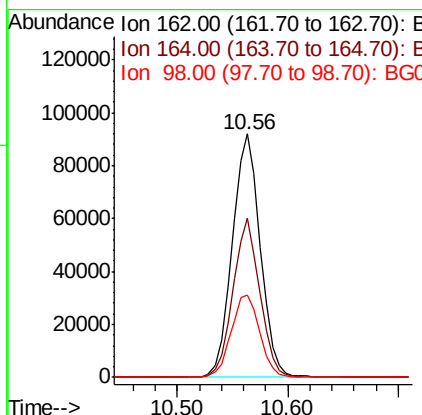
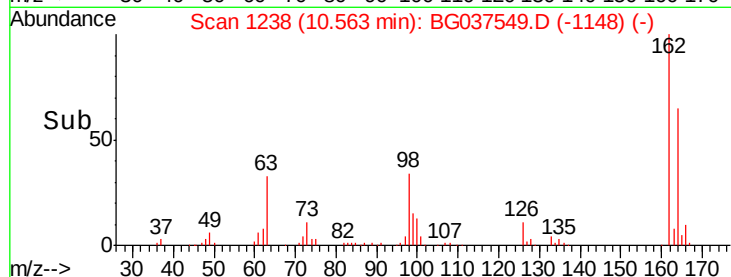
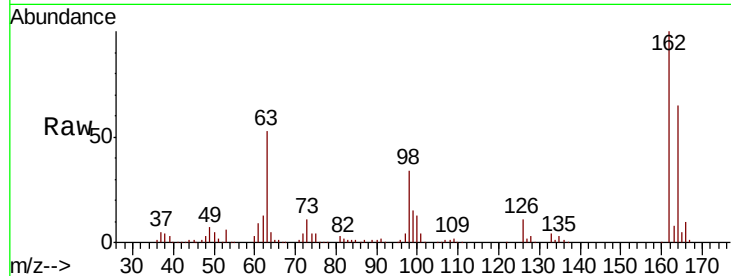
#29
 2,4-Dichlorophenol
 Concen: 43.500 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion:	162	Resp:	163235
Ion Ratio	Lower	Upper	
162	100		
164	65.3	43.2	83.2
98	34.0	16.0	56.0

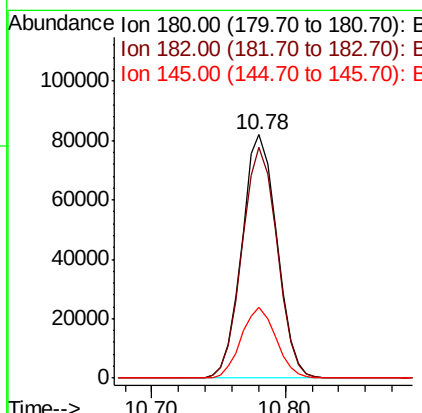
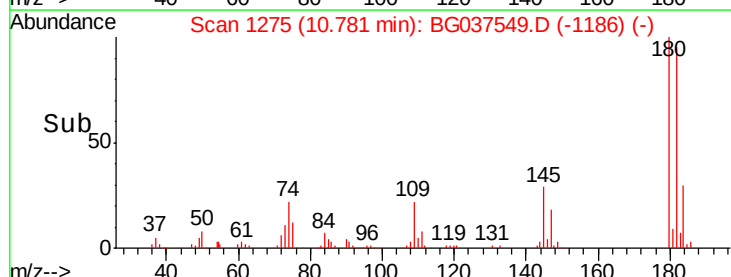
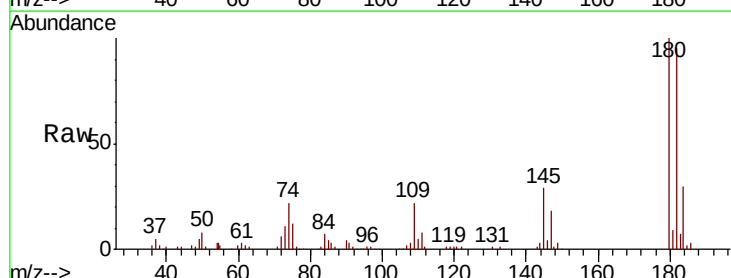
Manual Integrations
 APPROVED

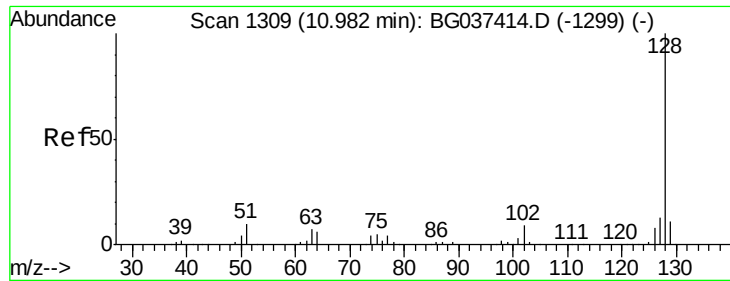
Sohil
 10/26/2018 3:46:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.399 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion:	180	Resp:	148536
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.7	116.5
145	29.3	23.3	34.9





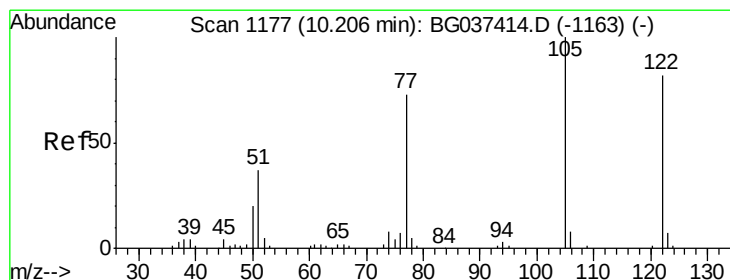
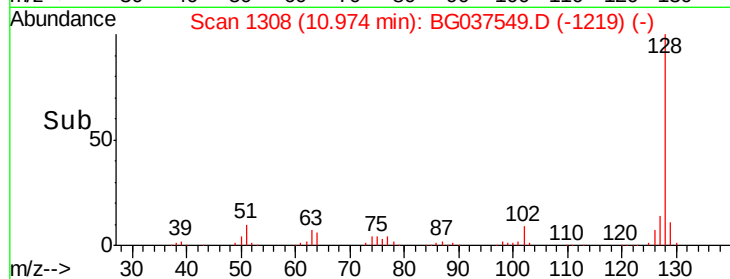
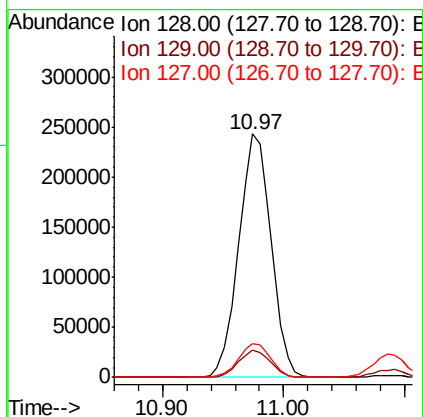
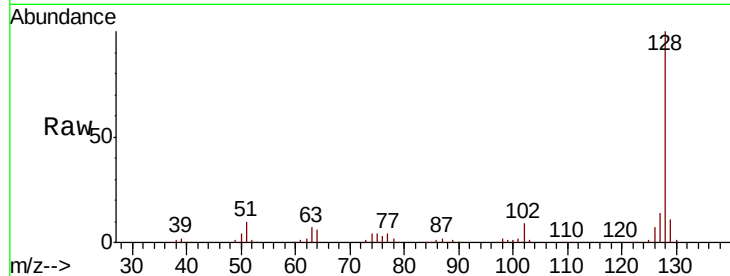
#31
Naphthalene
Concen: 40.785 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.8	11.1	16.7

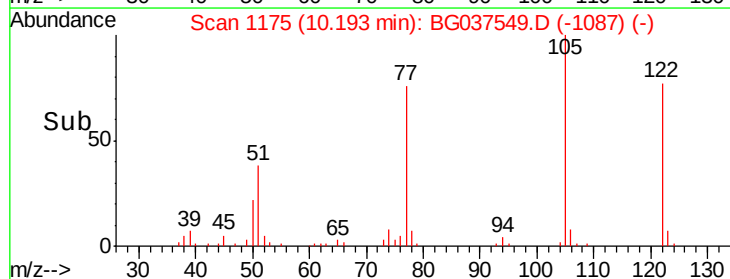
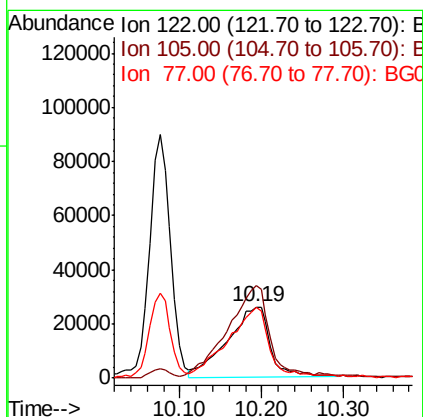
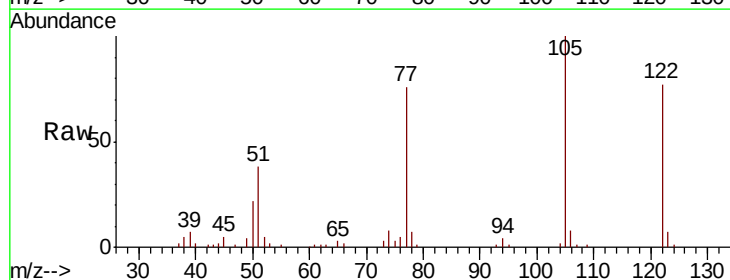
Manual Integrations
APPROVED

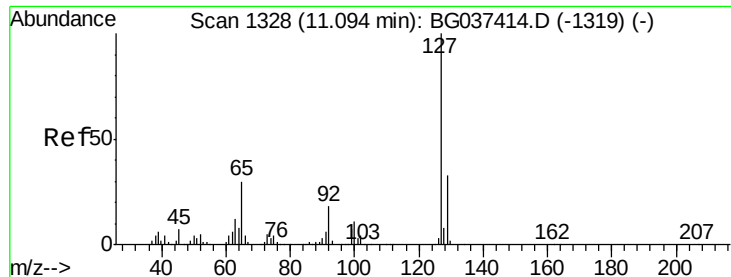
Sohil
10/26/2018 3:46:45 PM



#32
Benzoic acid
Concen: 42.639 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	106.7	146.7
77	98.8	72.2	112.2





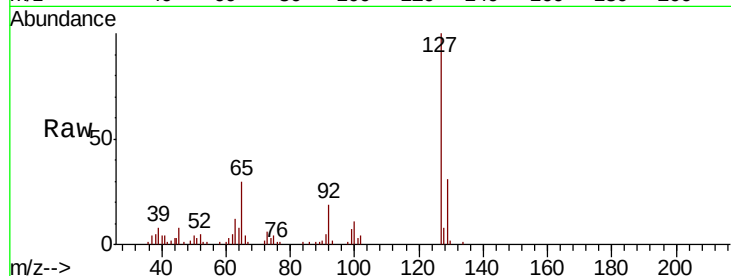
#33
4-Chloroaniline
Concen: 8.626 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

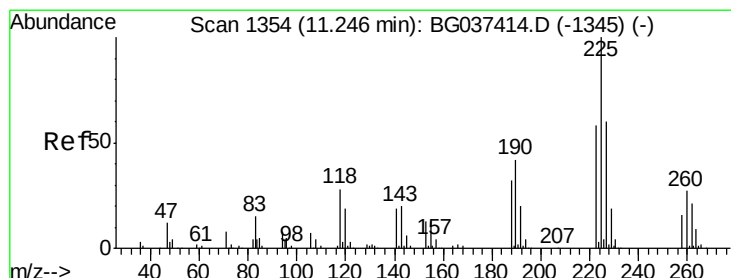
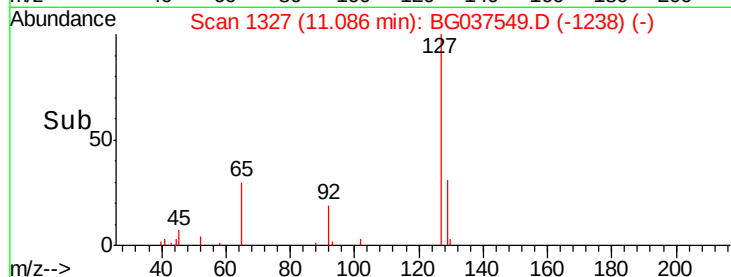
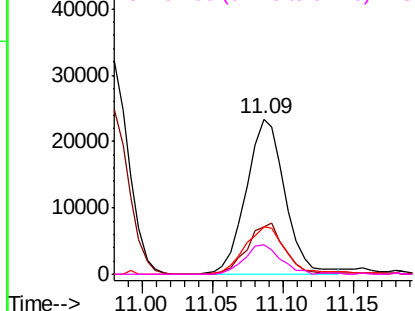
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.5	27.1	40.7
65	30.1	26.6	39.8
92	18.8	16.4	24.6

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM

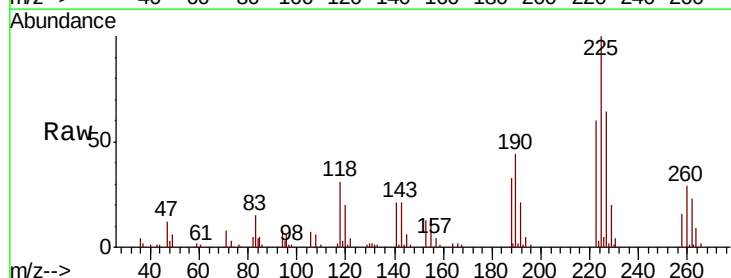


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

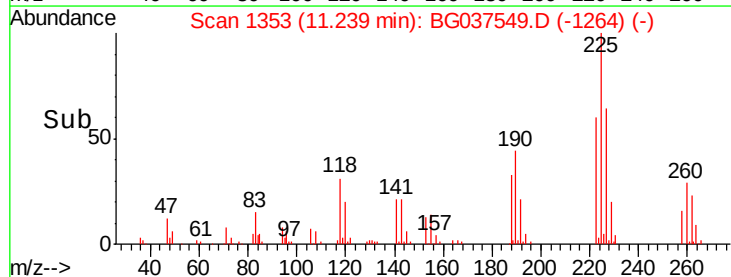
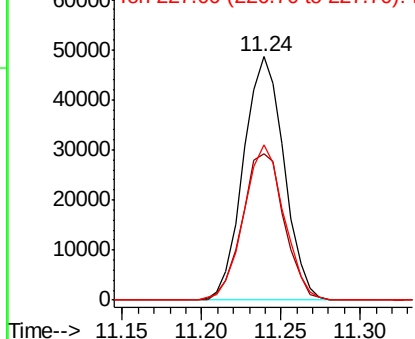


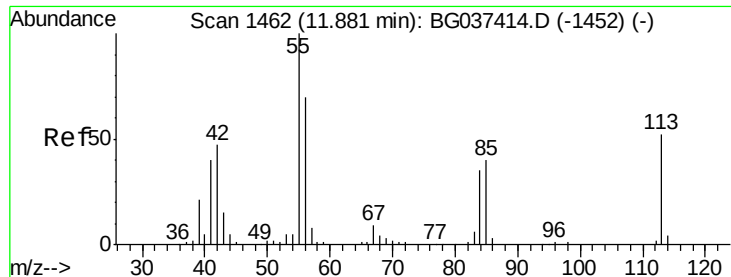
#34
Hexachlorobutadiene
Concen: 35.746 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.2	72.4
227	63.3	51.6	77.4



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





#35

Caprolactam

Concen: 40.543 ng/ml

RT: 11.87 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampled :

PB114142BS

Tot Ion:113 Resp: 61016

Ion Ratio Lower Upper

113 100

55 222.1 176.6 216.6#

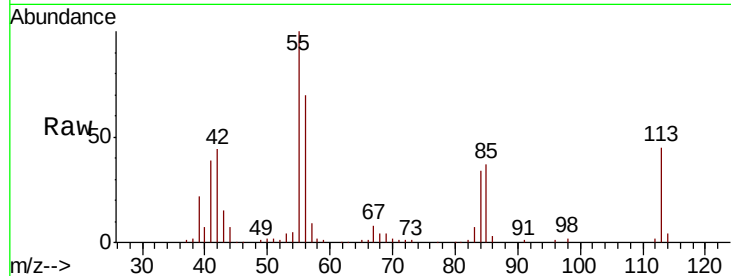
56 154.6 128.3 168.3

Manual Integrations

APPROVED

Sohil

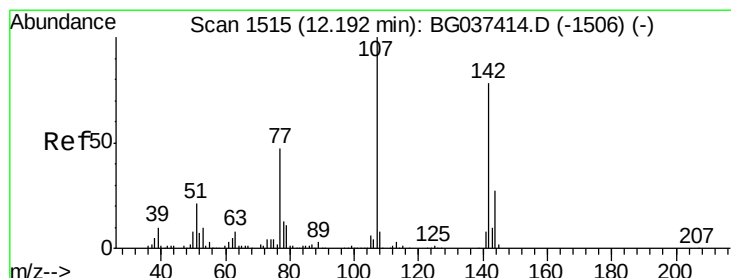
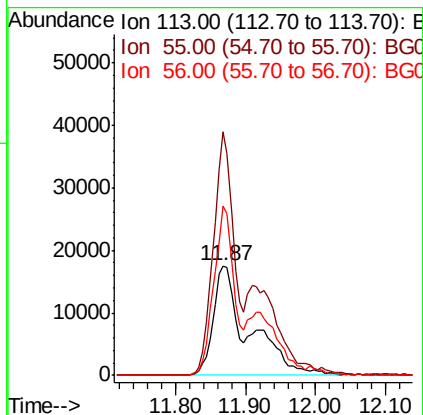
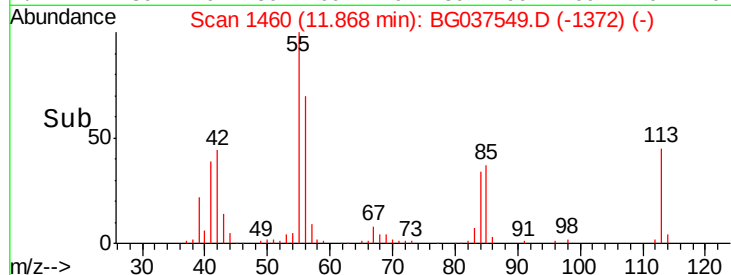
10/26/2018 3:46:45 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037549.D (-1372) (-)

Ion 56.00 (55.70 to 56.70): BG037549.D (-1372) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.228 ng/ml

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

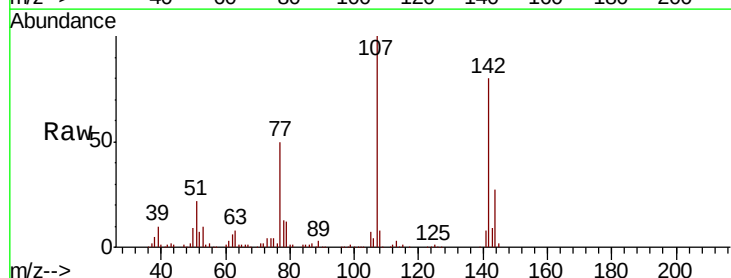
Tgt Ion:107 Resp: 182940

Ion Ratio Lower Upper

107 100

144 26.9 20.7 31.1

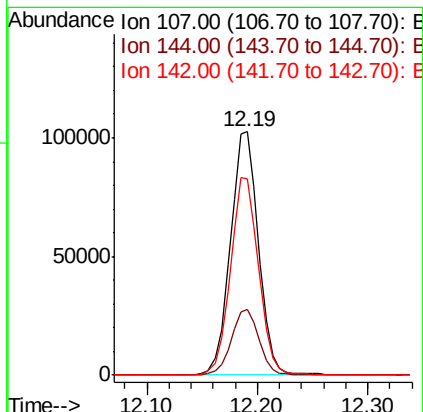
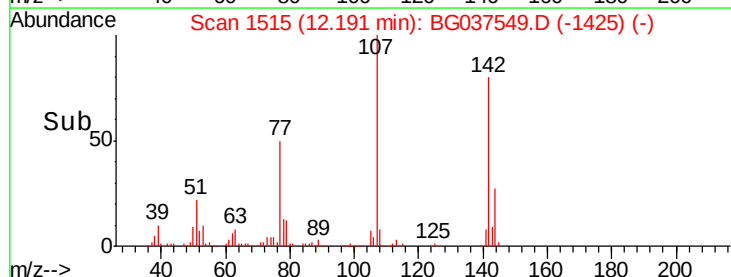
142 80.4 64.4 96.6

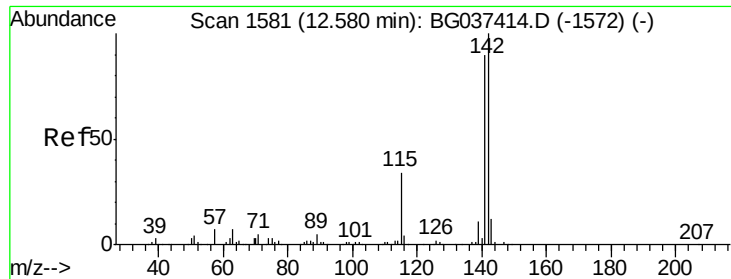


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





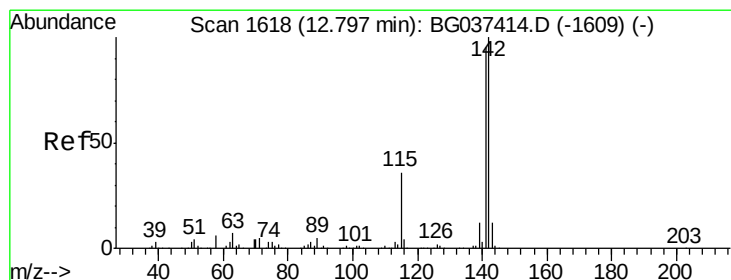
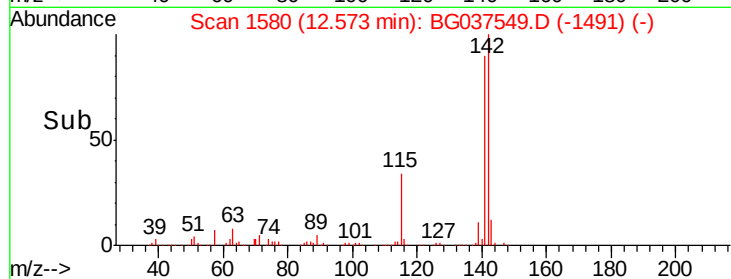
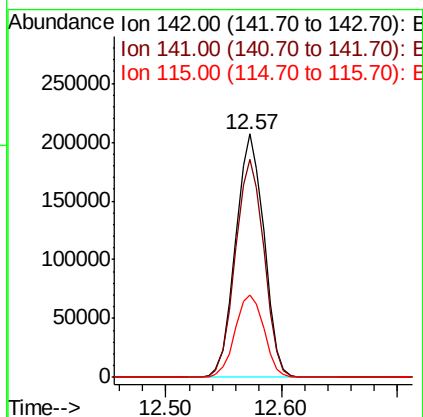
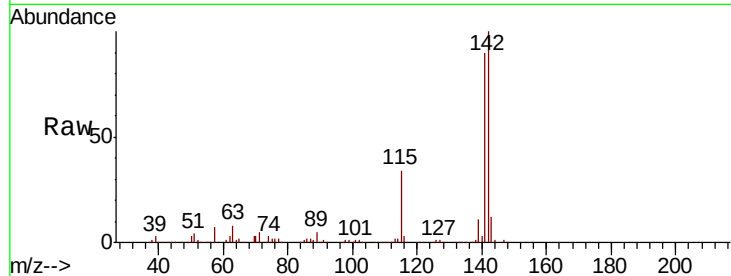
#37
2-Methylnaphthalene
Concen: 43.530 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	34.0	27.8	41.8

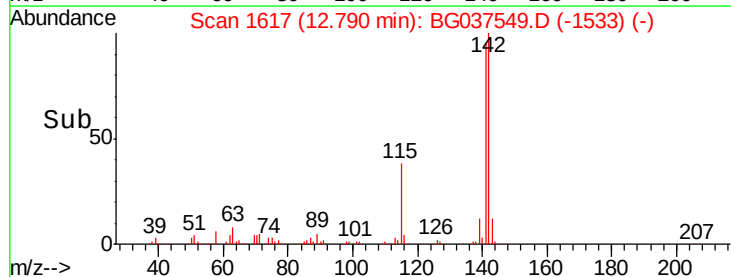
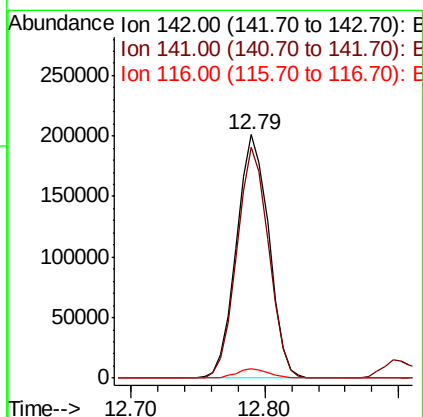
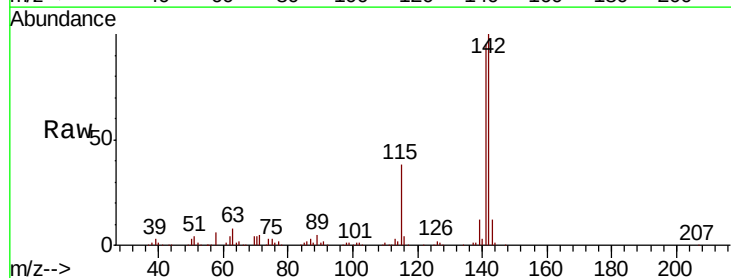
Manual Integrations
APPROVED

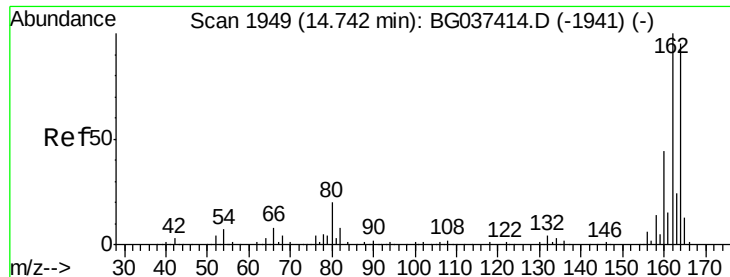
Sohil
10/26/2018 3:46:45 PM



#38
1-Methylnaphthalene
Concen: 42.986 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

Tot Ion:164 Resp: 156478

Ion Ratio Lower Upper

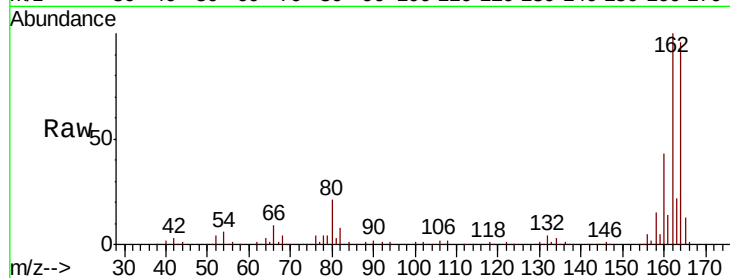
164 100

162 104.0 81.3 121.9

160 44.5 36.3 54.5

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM

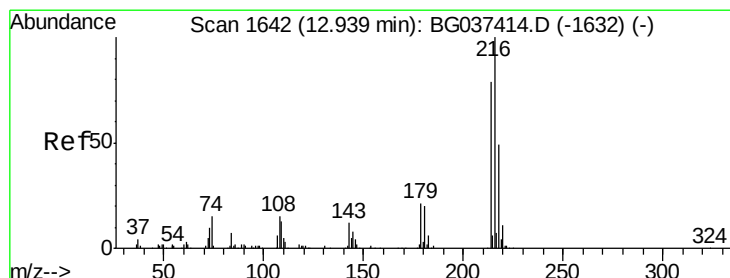
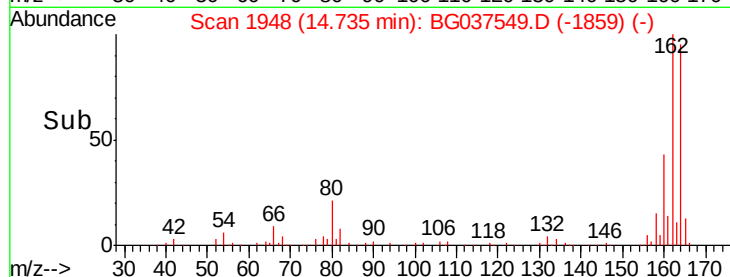
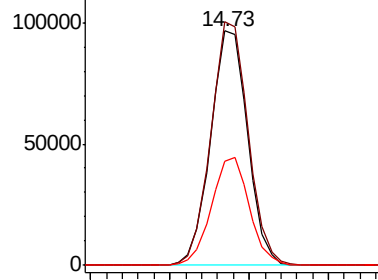


Abundance

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: 34.490 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Tgt Ion:216 Resp: 174080

Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 21.5 17.4 26.0

108 20.1 13.9 20.9

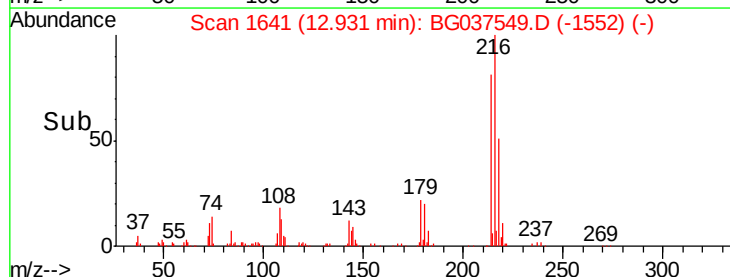
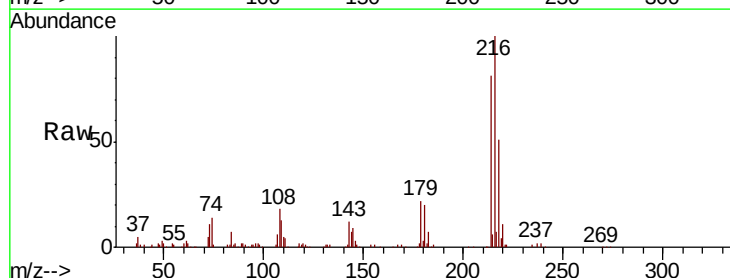
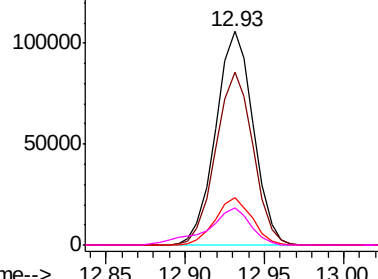
Abundance

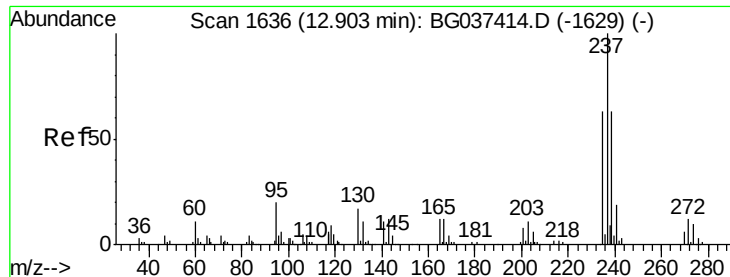
Ion 216.00 (215.70 to 216.70): E

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: 86.136 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

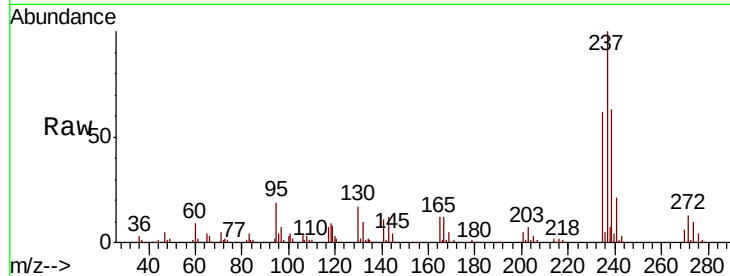
ClientSampleId :

PB114142BS

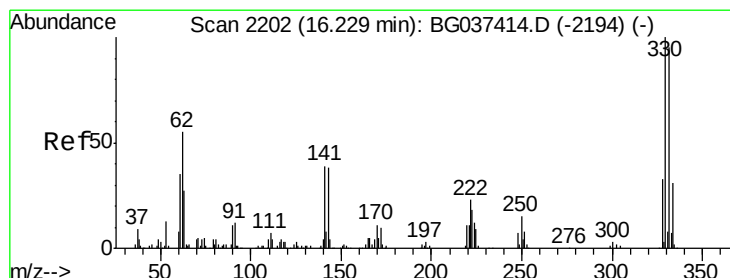
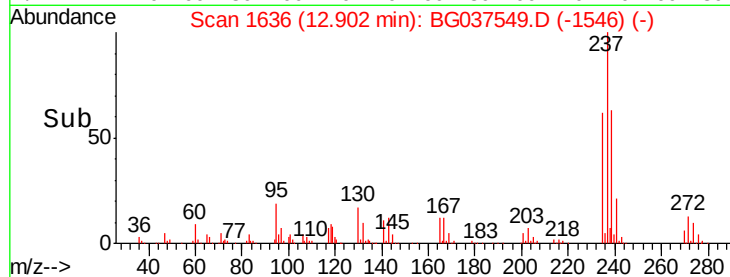
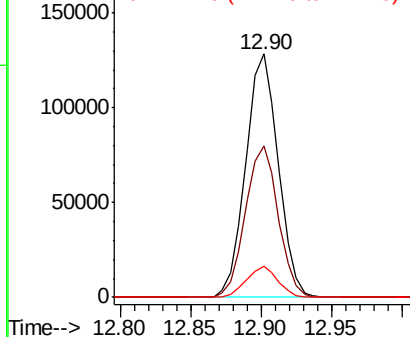
Tot Ion:	237	Resp:	207670
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.5	82.5
272	12.7	0.0	31.6

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 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: 119.124 ng

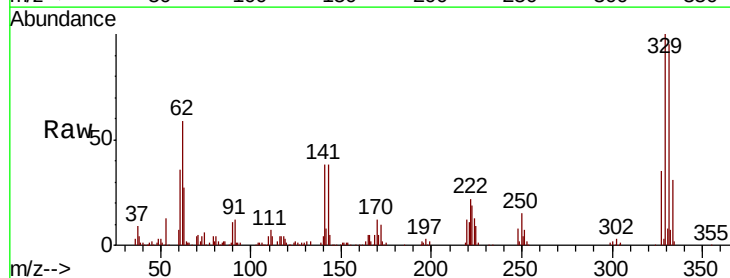
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

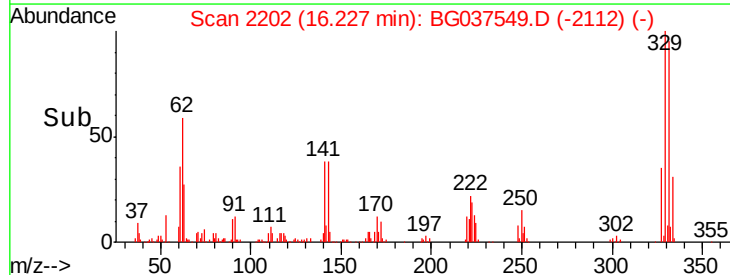
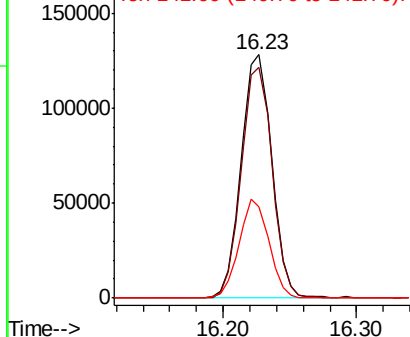
Lab File: BG037549.D

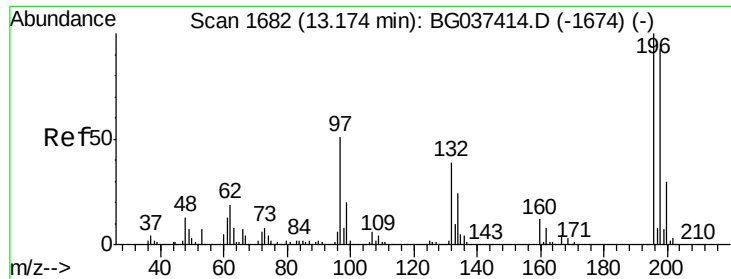
Acq: 25 Oct 2018 17:39

Tgt Ion:	330	Resp:	203308
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.4	117.6
141	39.8	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





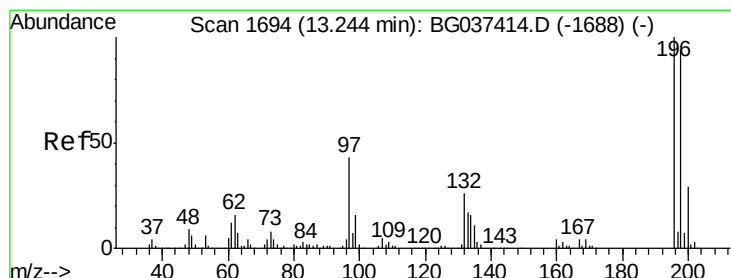
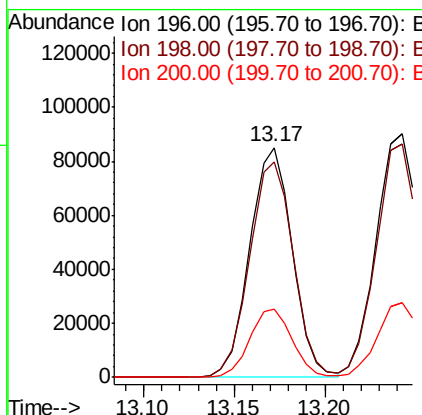
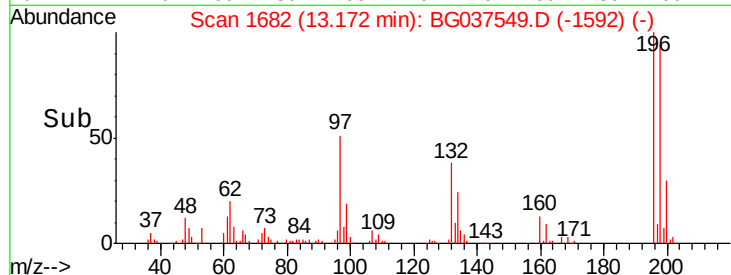
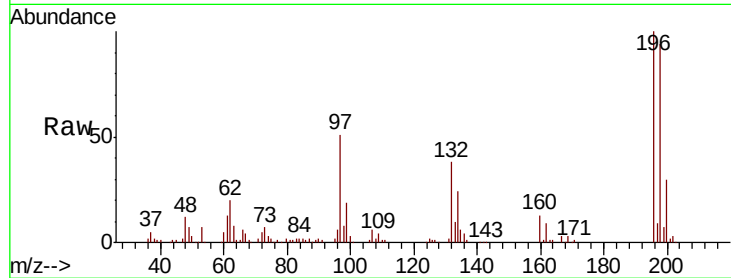
#43
 2,4,6-Trichlorophenol
 Concen: 41.036 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	138374		
198	93.5	76.4	114.6	
200	30.0	24.9	37.3	

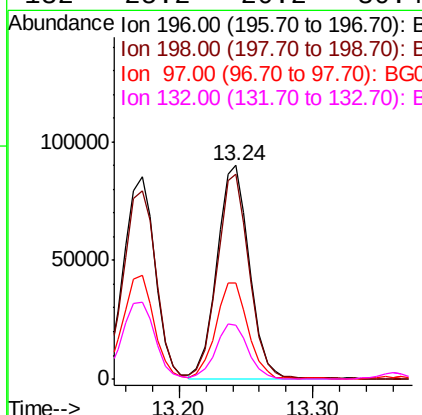
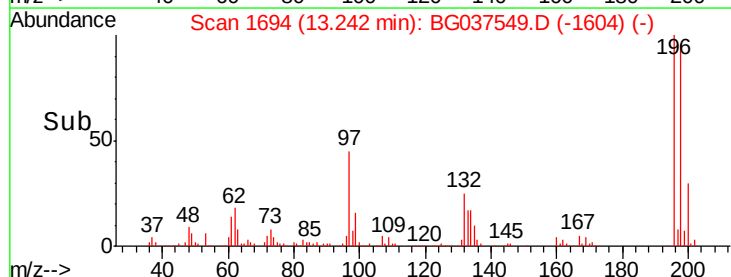
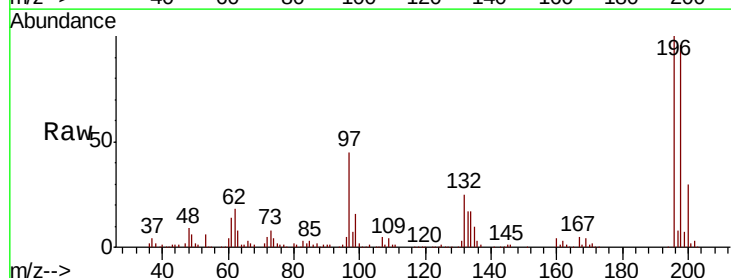
Manual Integrations
 APPROVED

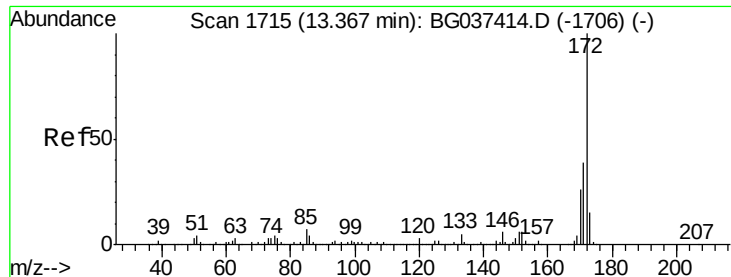
Sohil
 10/26/2018 3:46:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.653 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	152922		
198	95.7	74.2	111.2	
97	45.0	34.1	51.1	
132	25.2	20.2	30.4	





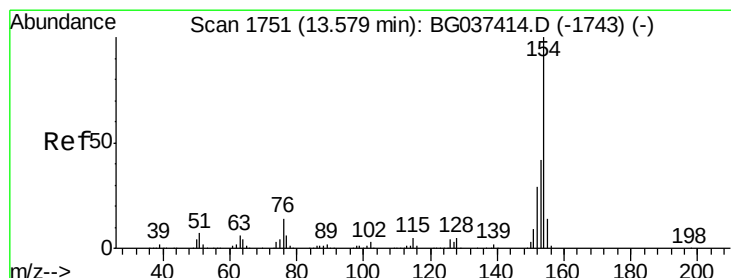
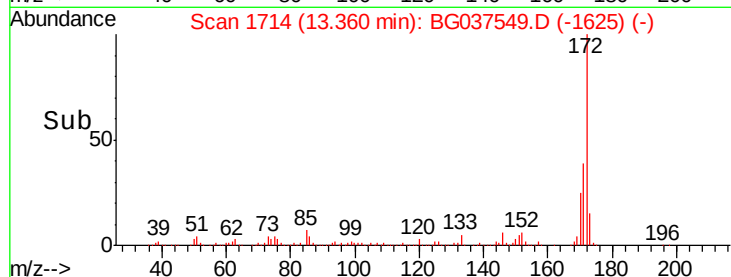
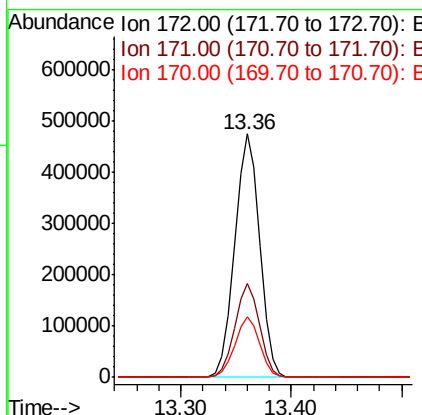
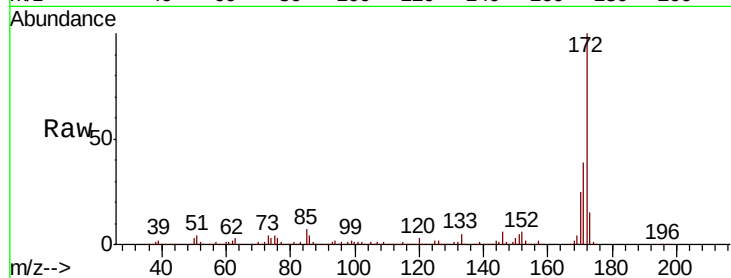
#45
2-Fluorobiphenyl
Concen: 72.574 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion:	172	Resp:	753091
Ion Ratio	Lower	Upper	
172	100		
171	38.6	31.0	46.4
170	24.6	20.2	30.2

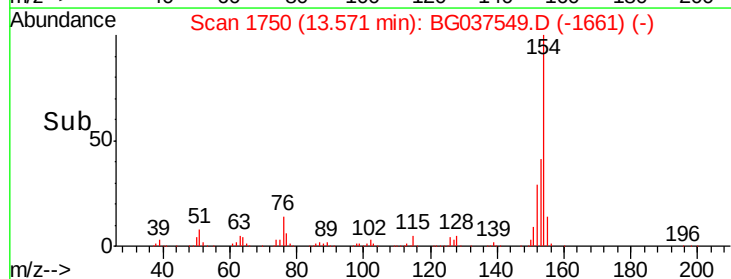
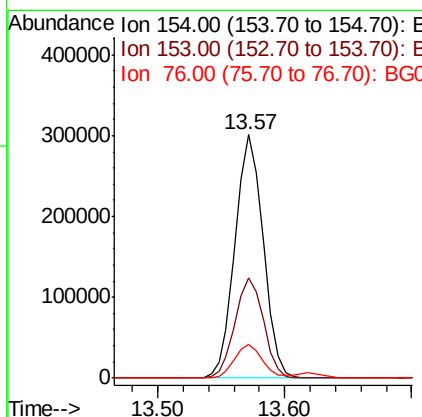
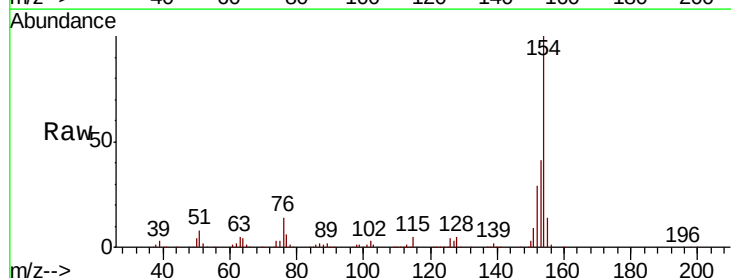
Manual Integrations
APPROVED

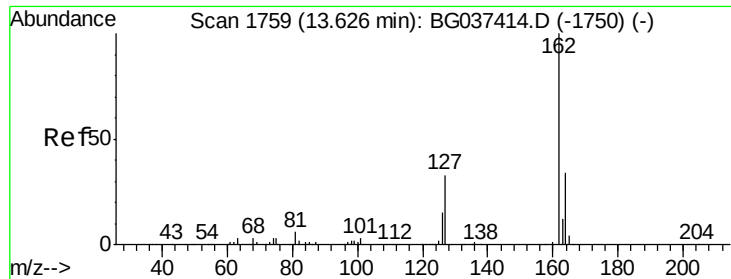
Sohil
10/26/2018 3:46:45 PM



#46
1,1'-Biphenyl
Concen: 35.634 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:	154	Resp:	461783
Ion Ratio	Lower	Upper	
154	100		
153	41.1	22.1	62.1
76	13.9	0.0	33.2





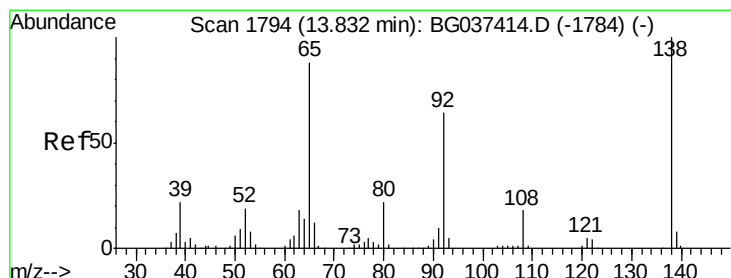
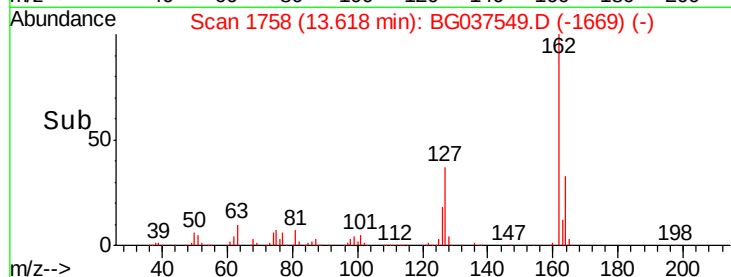
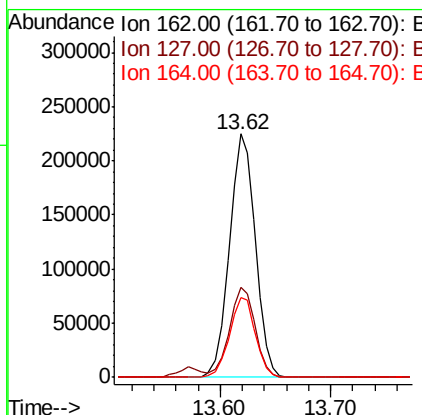
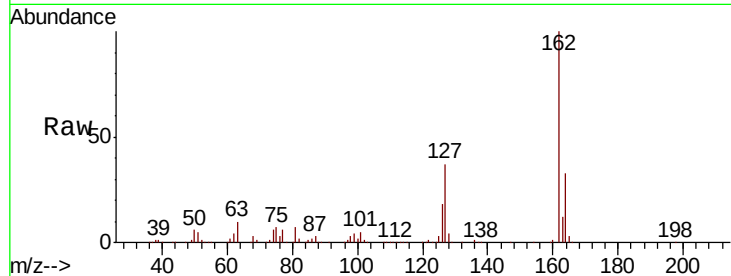
#47
2-Chloronaphthalene
Concen: 37.606 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	368691		
127	36.9	30.5	45.7	
164	32.6	26.4	39.6	

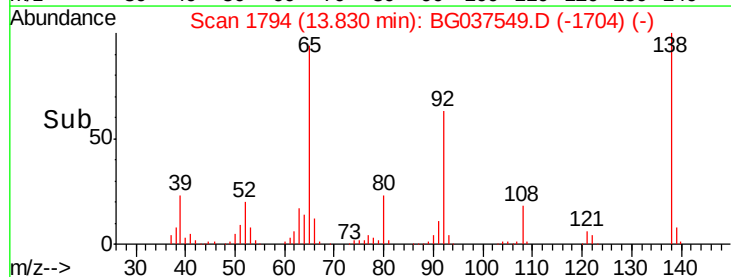
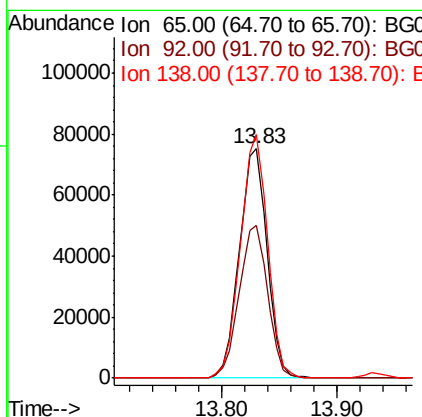
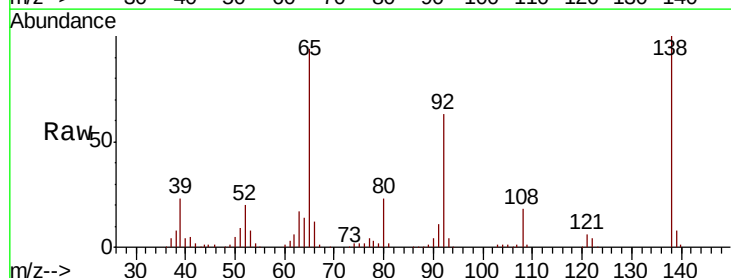
Manual Integrations
APPROVED

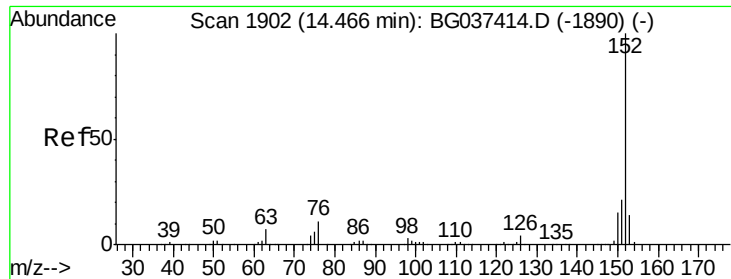
Sohil
10/26/2018 3:46:45 PM



#48
2-Nitroaniline
Concen: 42.175 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	125391		
92	66.9	53.2	79.8	
138	106.2	79.3	118.9	





#49

Acenaphthylene

Concen: 42.064 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

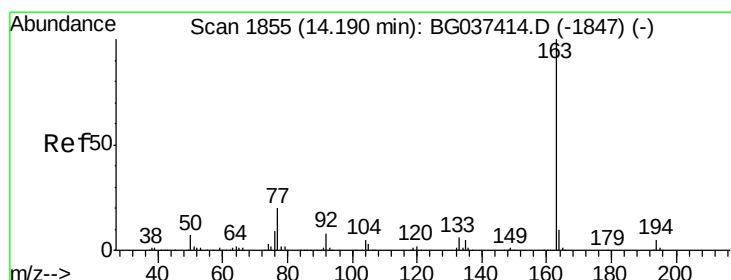
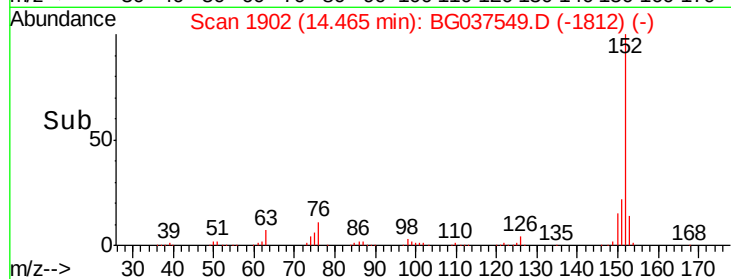
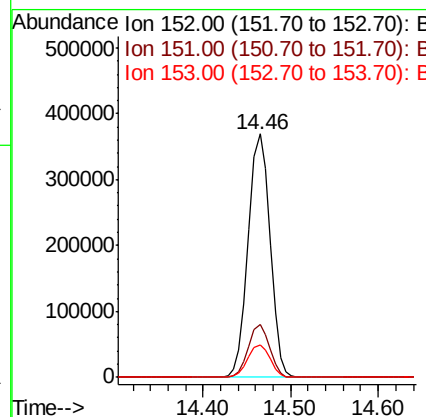
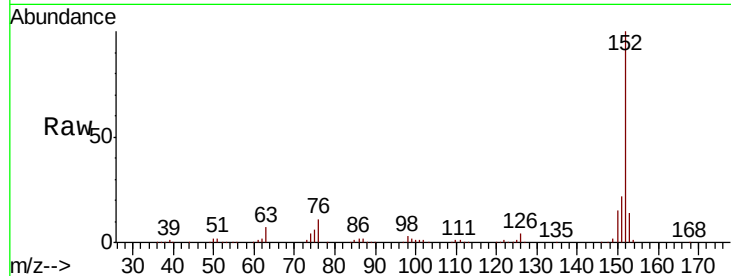
ClientSampleId :

PB114142BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.1	25.7
153	13.6	11.1	16.7

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM



#50

Dimethylphthalate

Concen: 40.871 ng

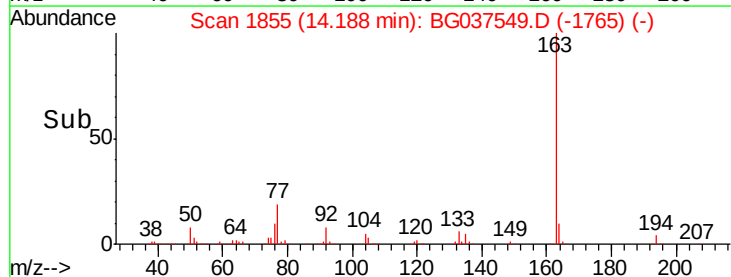
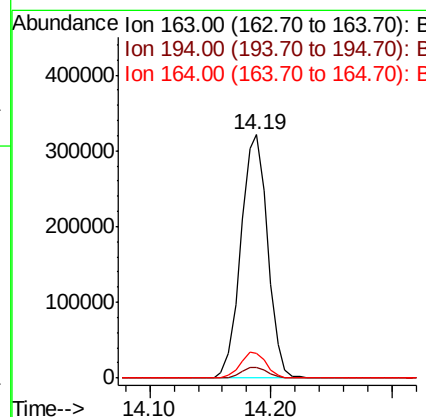
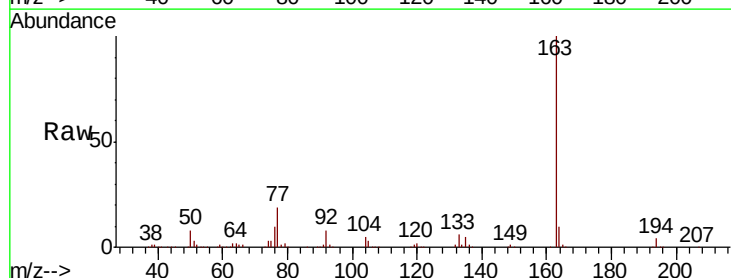
RT: 14.19 min Scan# 1855

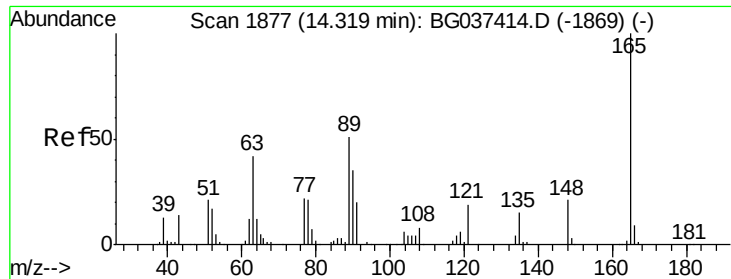
Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.4	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 42.749 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

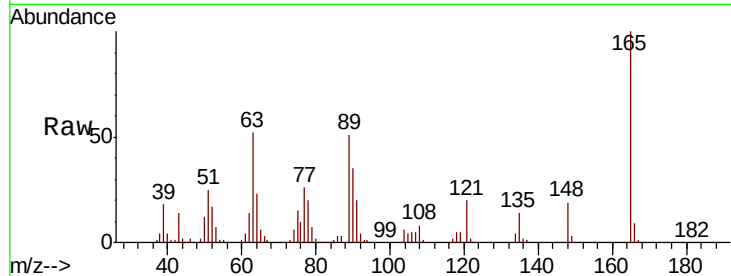
ClientSampleId :

PB114142BS

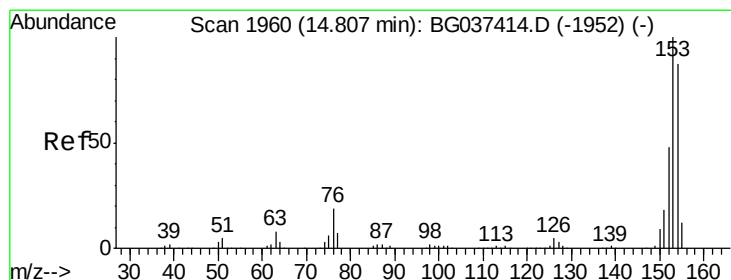
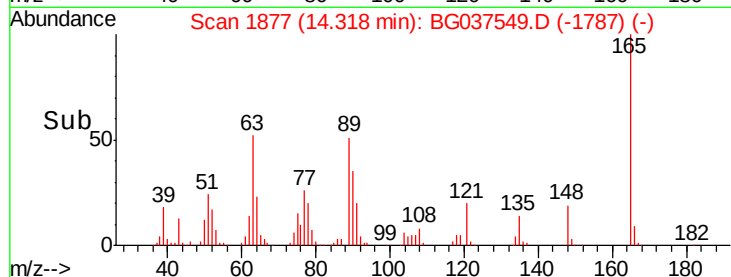
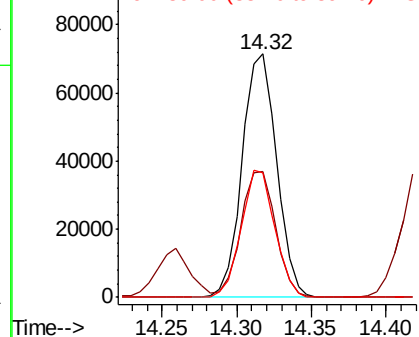
Tot Ion:	165	Resp:	114480
Ion Ratio	Lower	Upper	
165	100		
63	51.9	43.4	65.2
89	51.1	45.8	68.6

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.583 ng

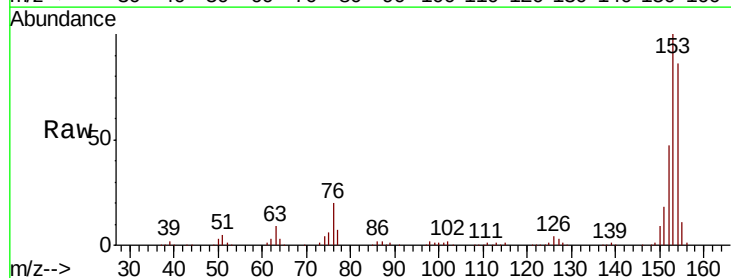
RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

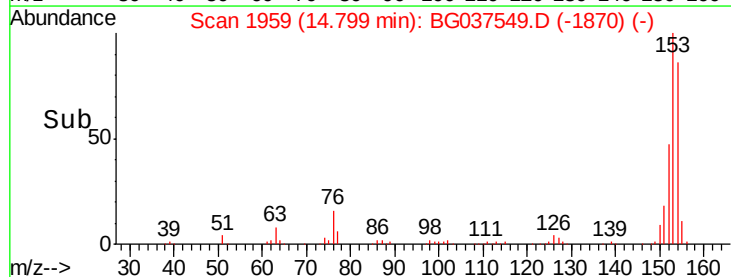
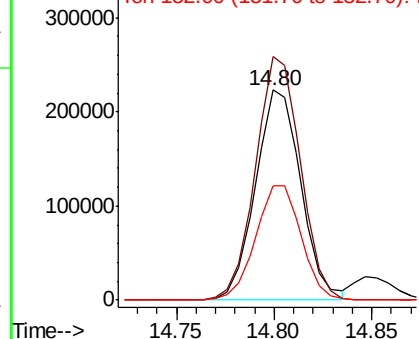
Lab File: BG037549.D

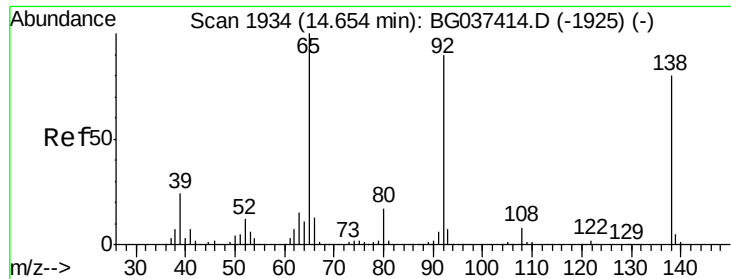
Acq: 25 Oct 2018 17:39

Tgt Ion:	154	Resp:	359528
Ion Ratio	Lower	Upper	
154	100		
153	116.1	93.4	140.0
152	54.6	44.7	67.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





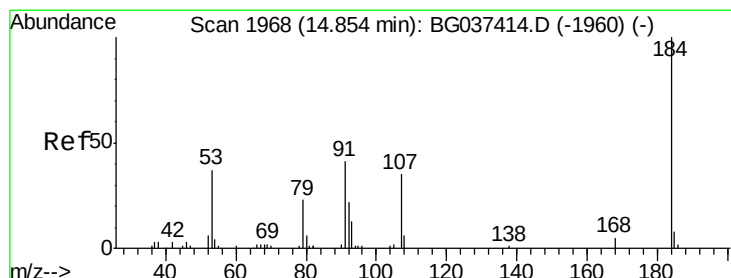
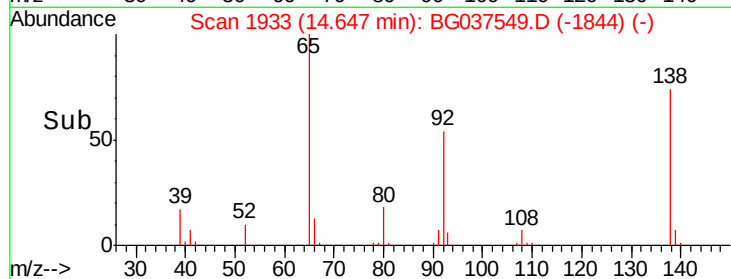
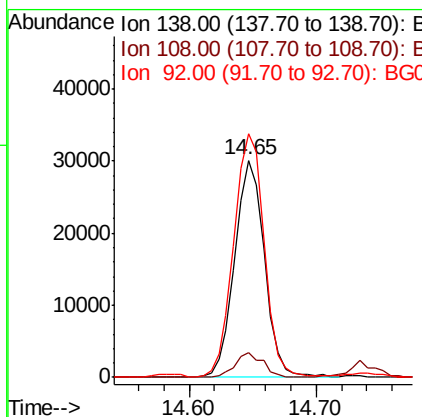
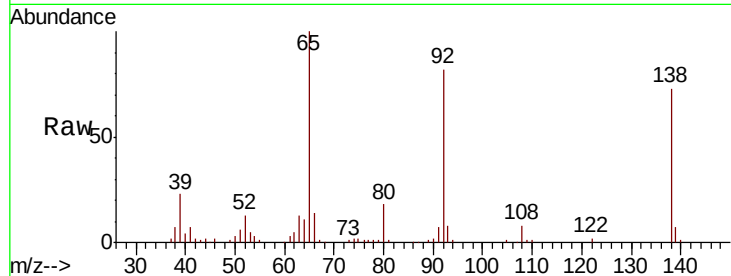
#53
 3-Nitroaniline
 Concen: 16.450 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	11.0	16.6
92	112.0	95.2	142.8

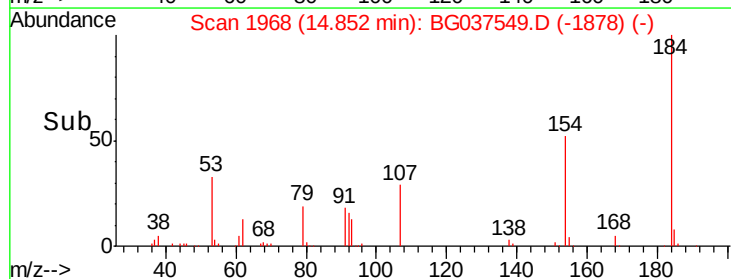
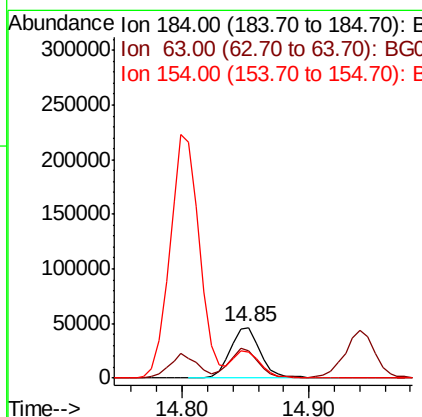
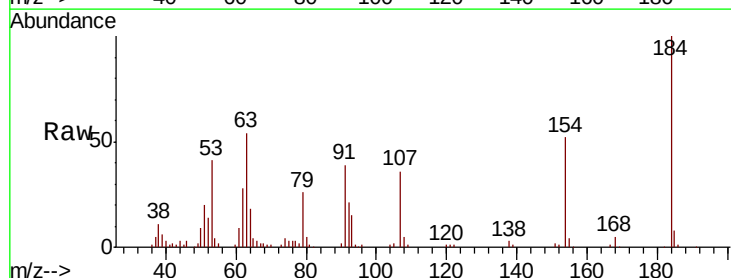
Manual Integrations
 APPROVED

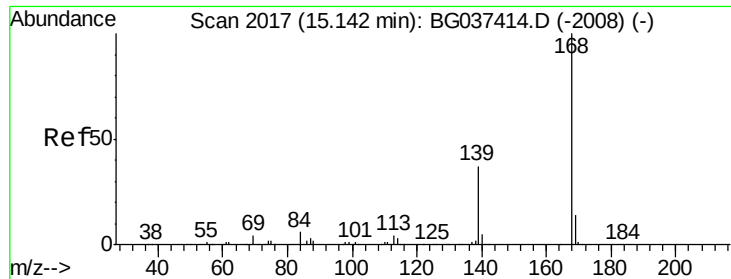
Sohil
 10/26/2018 3:46:45 PM



#54
 2,4-Dinitrophenol
 Concen: 70.064 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.5	42.6	63.8
154	51.7	41.8	62.6





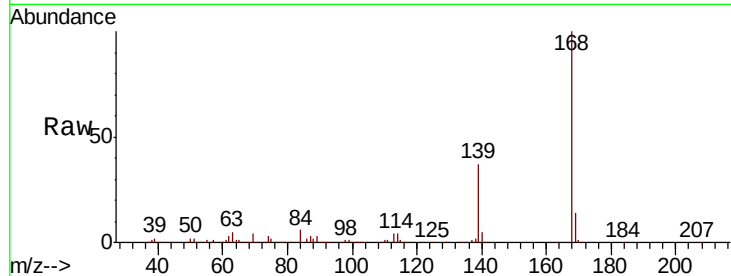
#55
Dibenzofuran
Concen: 39.172 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	589491		
139	37.1	29.4	44.0	
169	14.3	11.0	16.6	

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM

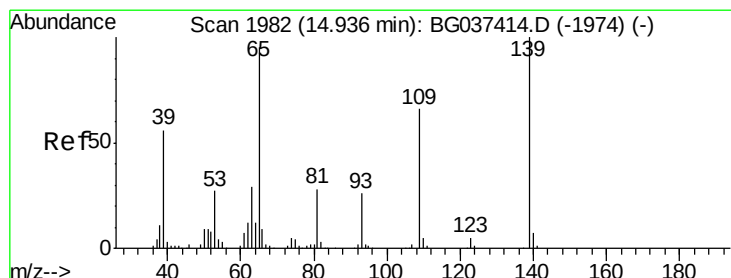
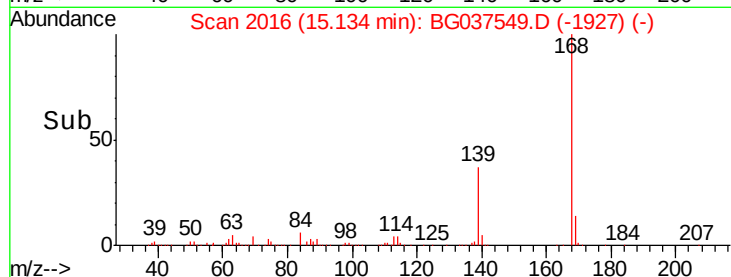
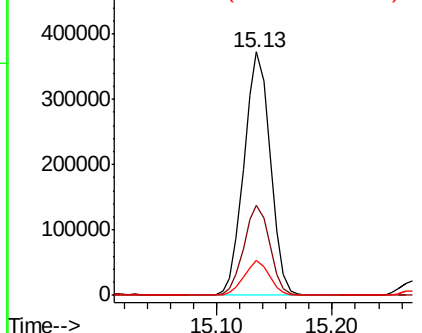


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 115.927 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

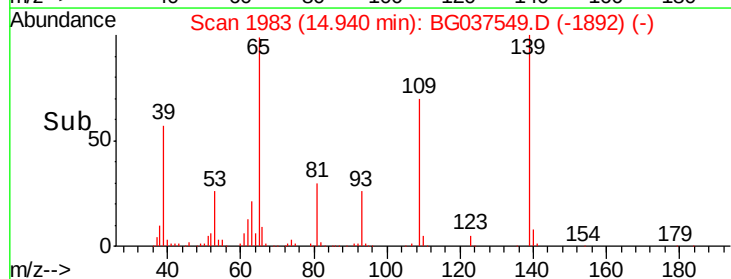
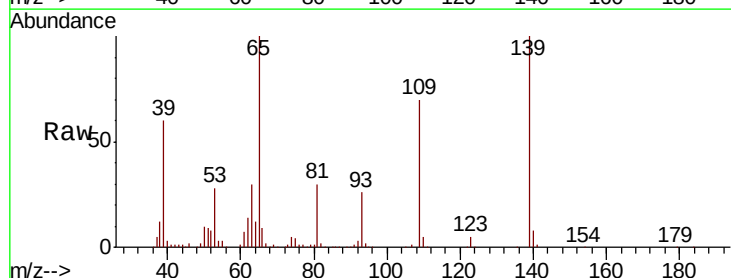
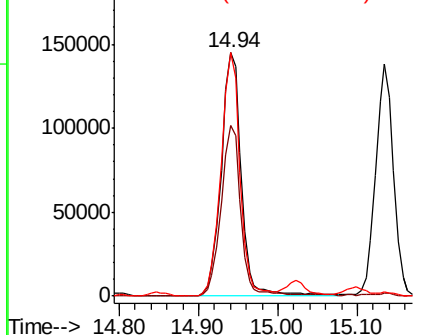
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	255103		
109	70.0	49.5	89.5	
65	99.9	76.8	116.8	

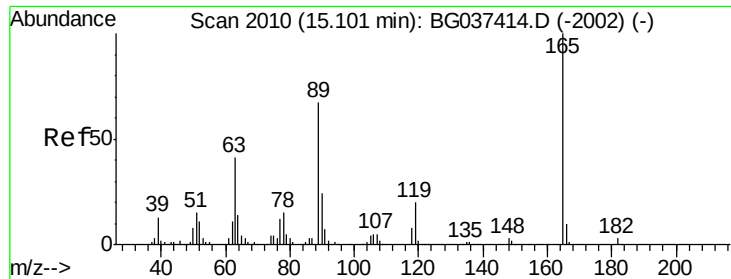
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





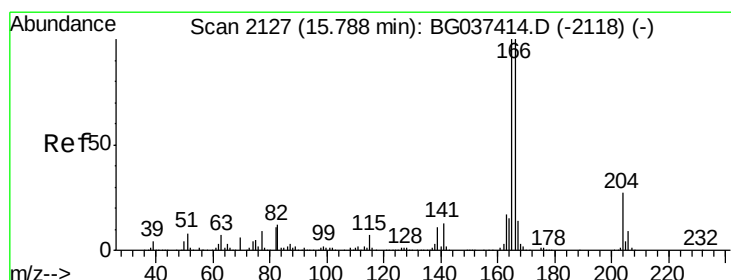
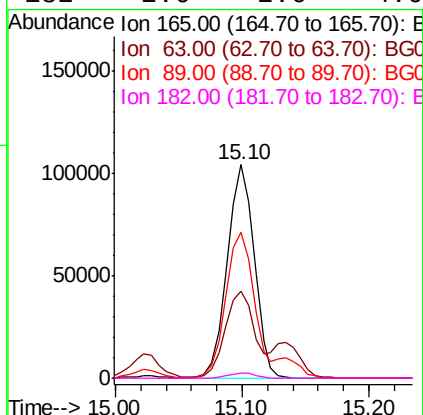
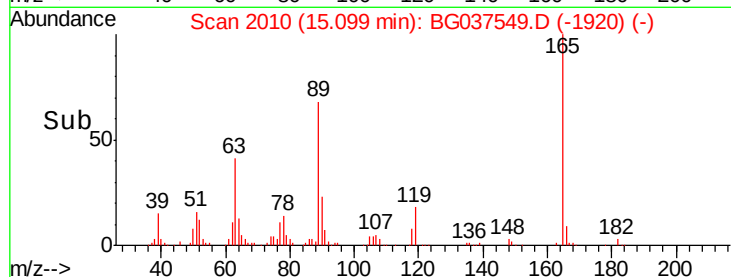
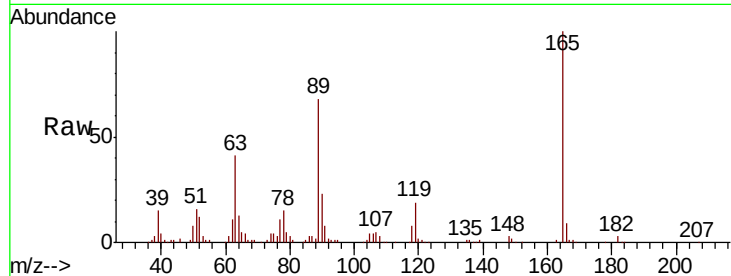
#57
 2,4-Dinitrotoluene
 Concen: 43.699 ng
 RT: 15.10 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	153615		
63	40.9	33.4	50.0	
89	68.1	57.2	85.8	
182	2.6	2.6	4.0	

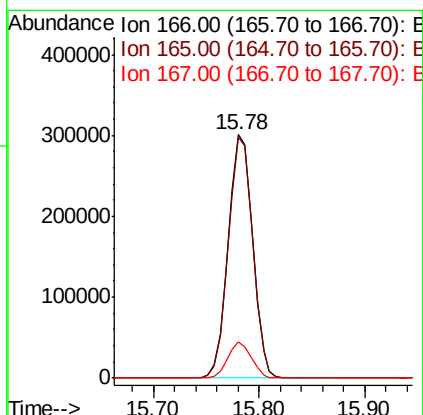
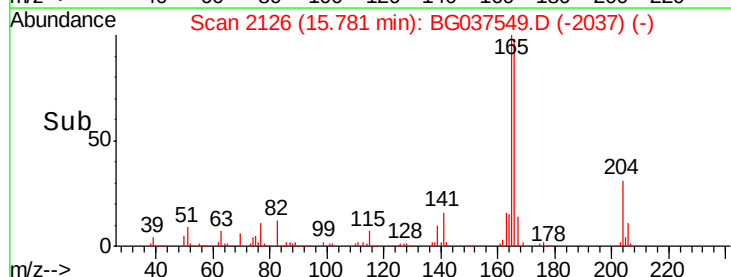
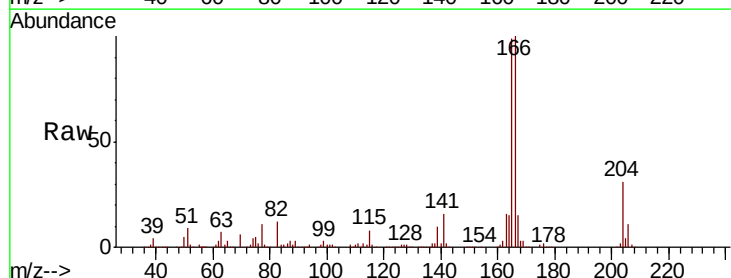
Manual Integrations
 APPROVED

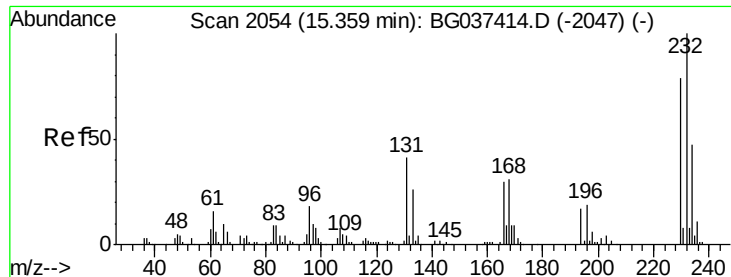
Sohil
 10/26/2018 3:46:45 PM



#58
 Fluorene
 Concen: 42.371 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	477495		
165	98.9	79.0	118.6	
167	15.1	11.3	16.9	





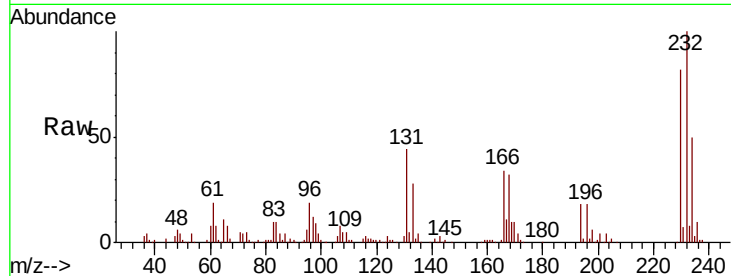
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.509 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

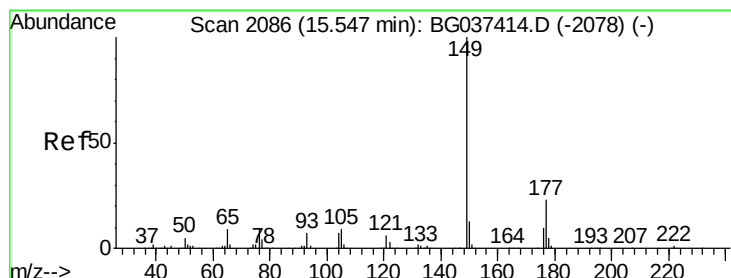
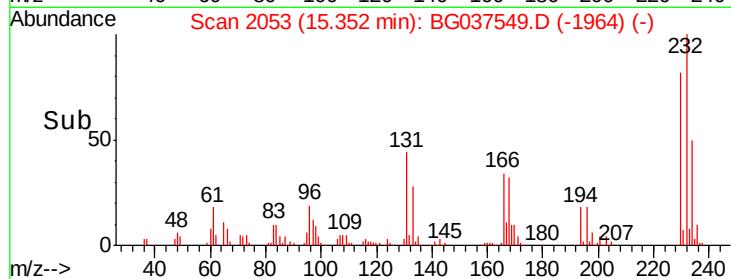
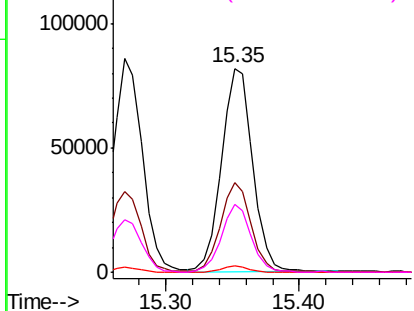
Tot Ion:	232	Resp:	133624
Ion Ratio	Lower	Upper	
232	100		
131	43.3	33.7	50.5
130	2.6	2.1	3.1
166	31.8	24.6	36.8

Manual Integrations
 APPROVED

Sohil
 10/26/2018 3:46:45 PM

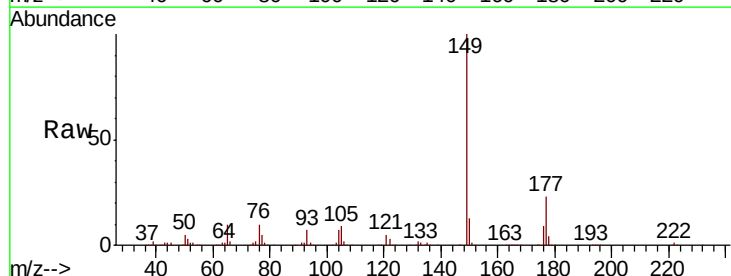


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

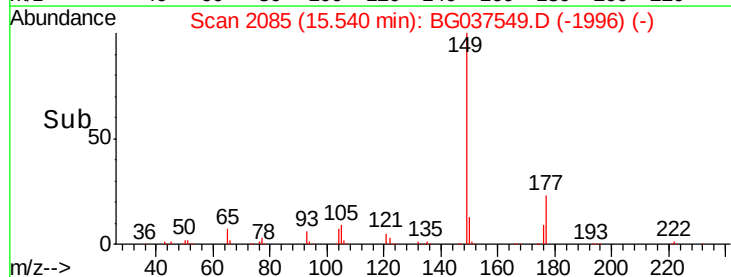
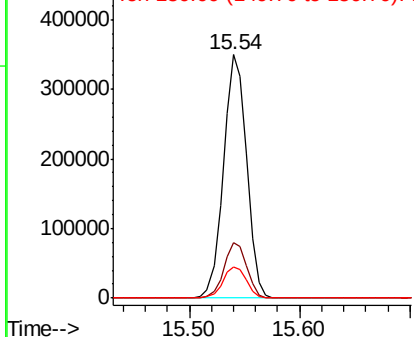


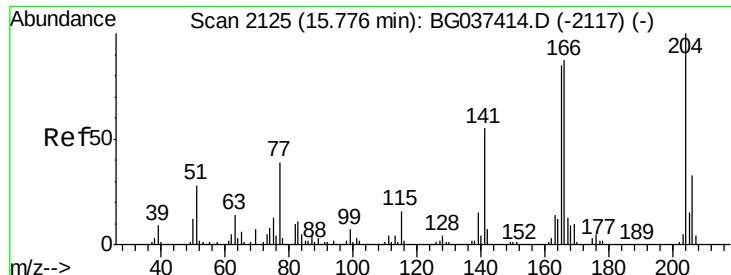
#60
 Diethylphthalate
 Concen: 41.191 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion:	149	Resp:	511920
Ion Ratio	Lower	Upper	
149	100		
177	23.0	18.3	27.5
150	12.7	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





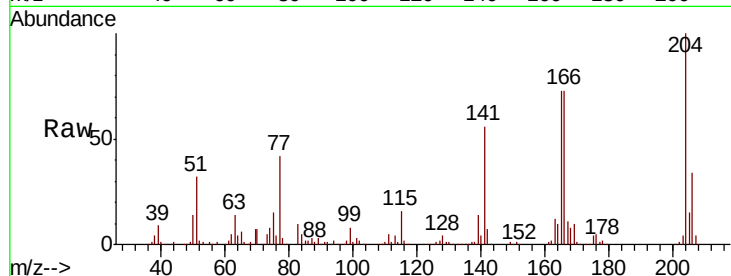
#61
4-Chlorophenyl-phenylether
Concen: 38.139 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	39.8
141	55.6	45.4	68.2

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM

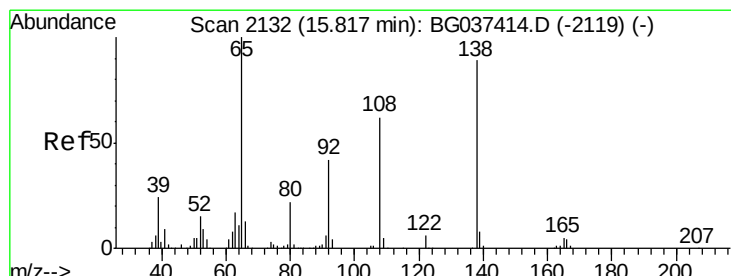
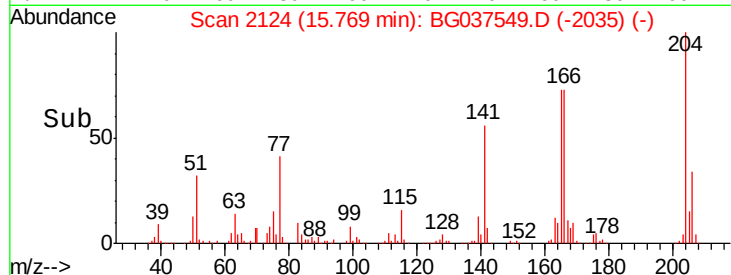
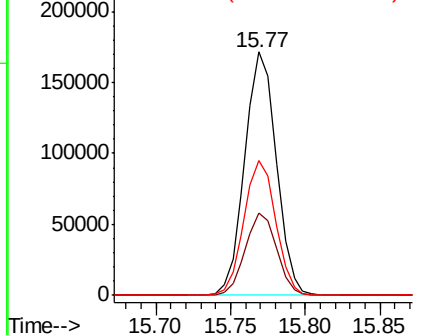


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.587 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

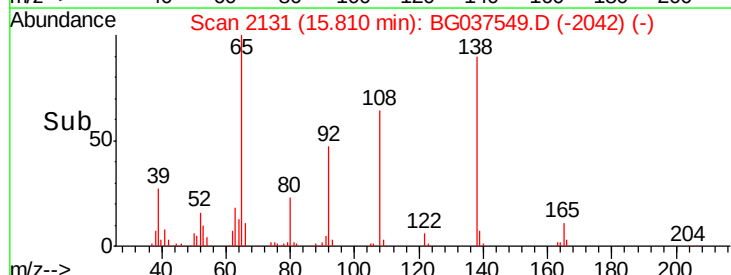
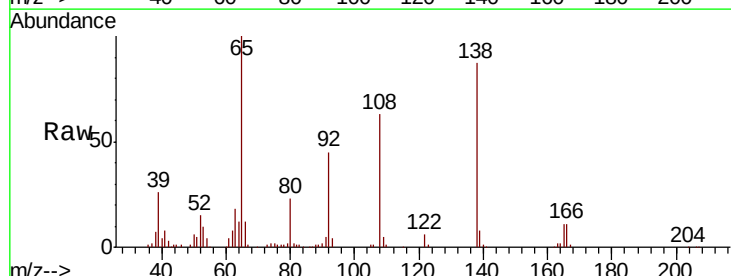
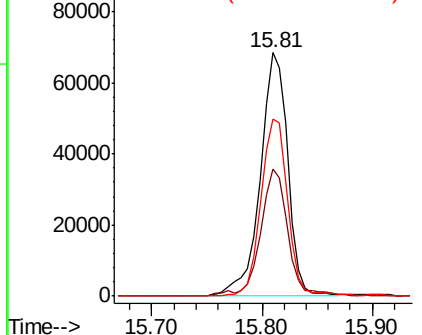
Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.1	36.4	76.4
108	72.5	60.1	100.1

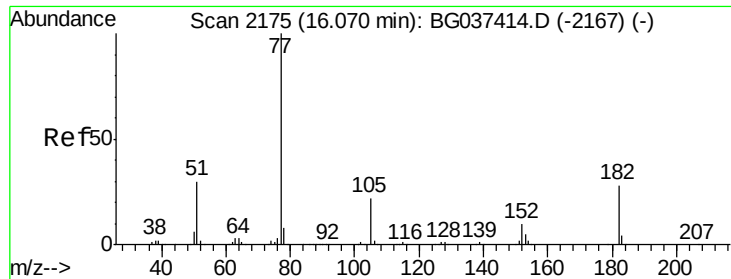
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





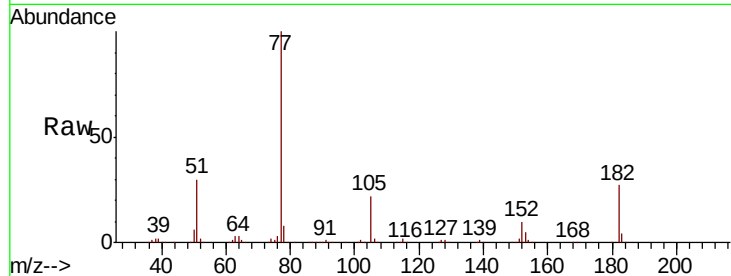
#63
Azobenzene
Concen: 41.092 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

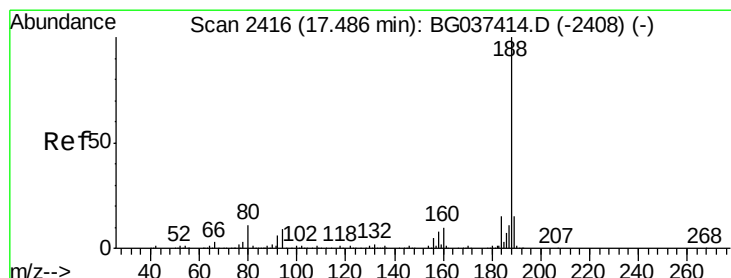
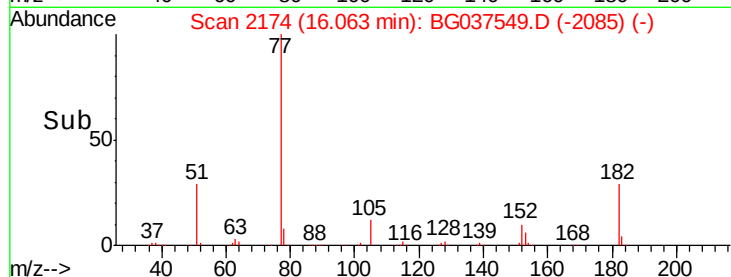
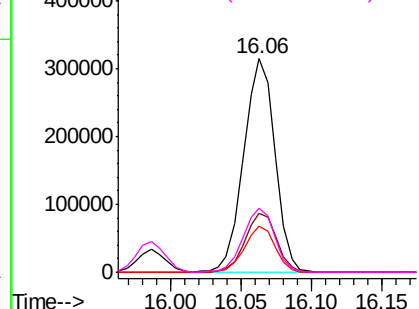
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		487265		
182	27.4	8.0	48.0		
105	21.6	1.3	41.3		
51	30.2	10.7	50.7		

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM



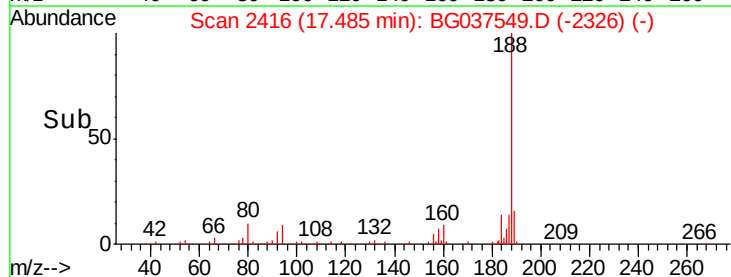
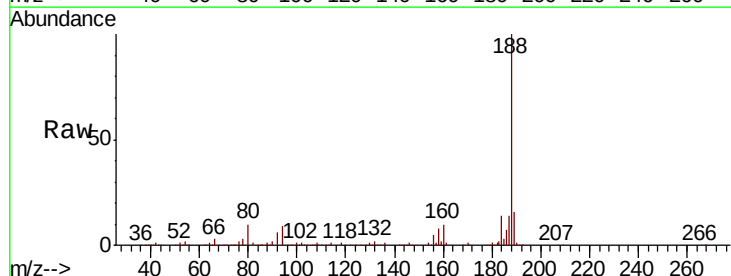
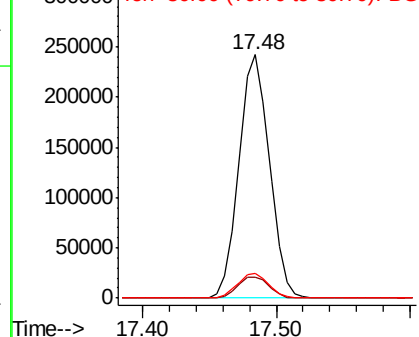
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

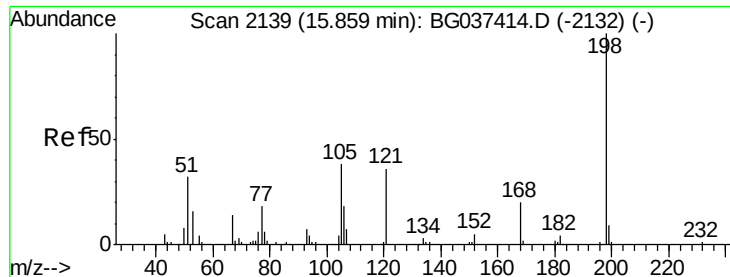


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		383780		
94	8.6	7.2	10.8		
80	10.3	7.7	11.5		

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.683 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

Tot Ion:198 Resp: 71415

Ion Ratio Lower Upper

198 100

51 41.7 22.7 62.7

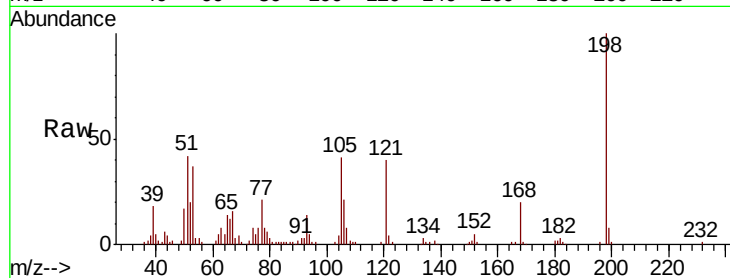
105 41.4 19.7 59.7

Manual Integrations

APPROVED

Sohil

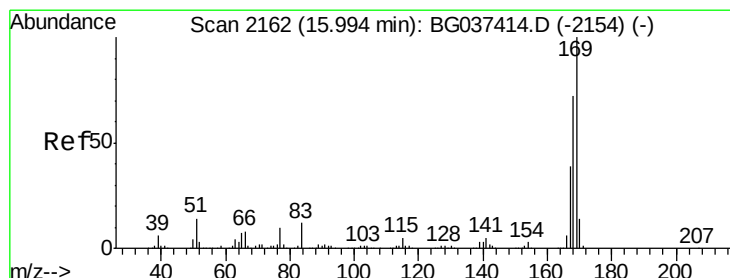
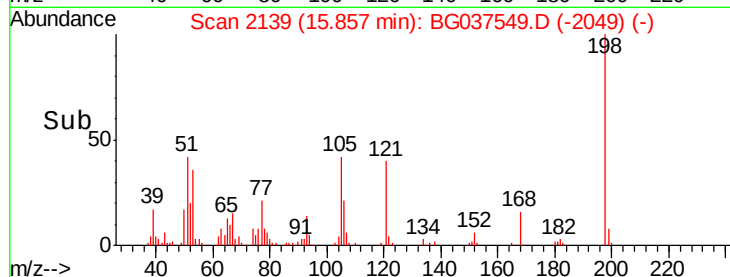
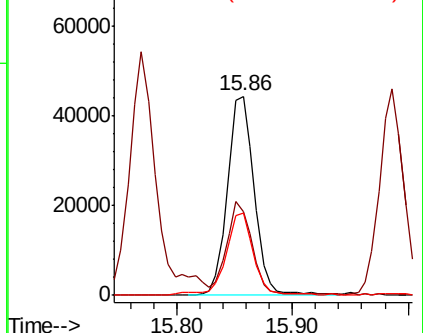
10/26/2018 3:46:45 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037549.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.015 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

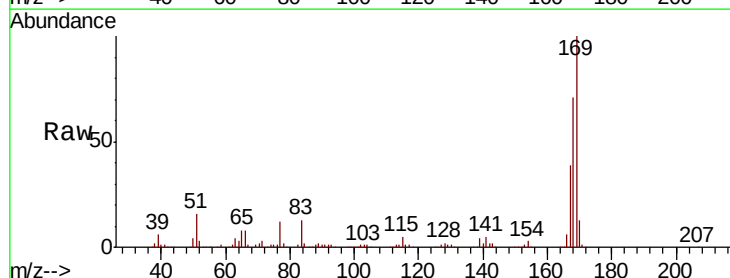
Tgt Ion:169 Resp: 438848

Ion Ratio Lower Upper

169 100

168 71.0 55.7 83.5

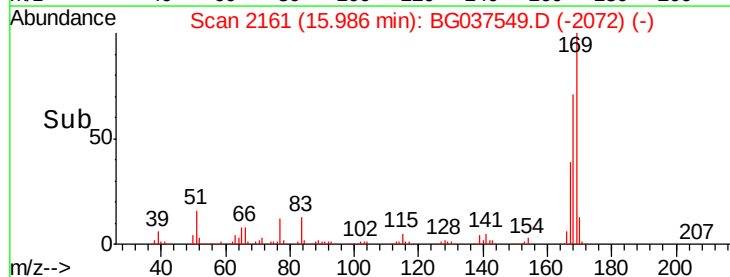
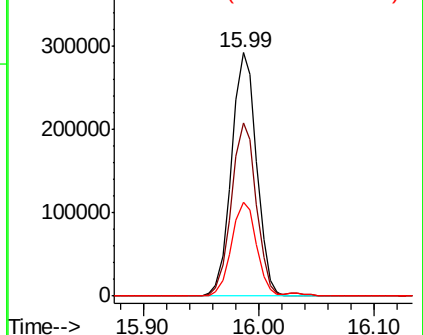
167 38.8 31.3 46.9

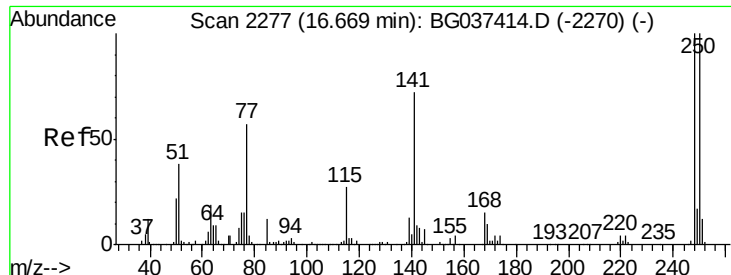


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





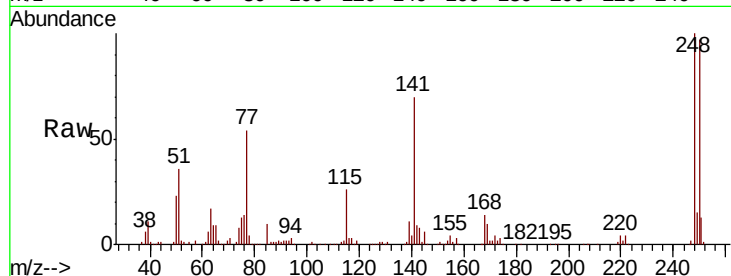
#67
4-Bromophenyl-phenylether
Concen: 37.119 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.3	77.0	115.6	
141	69.7	55.5	83.3	

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM

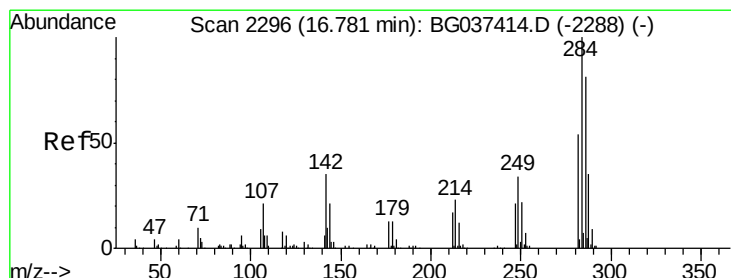
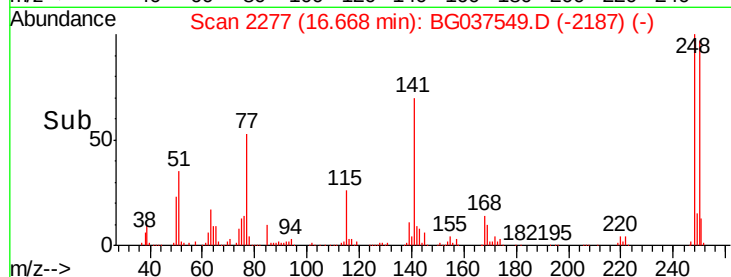
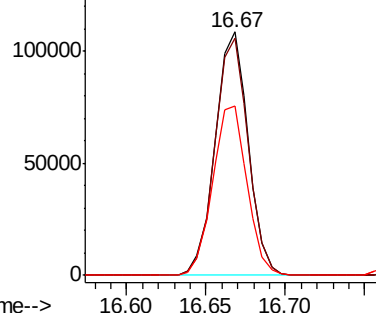


Abundance

Ion 248.00 (247.70 to 248.70): E

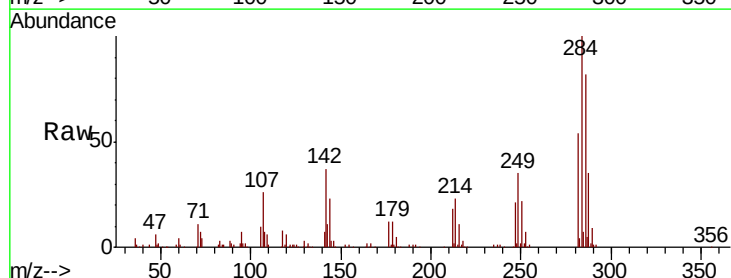
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.312 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.0	28.1	42.1	
249	37.7	29.8	44.8	

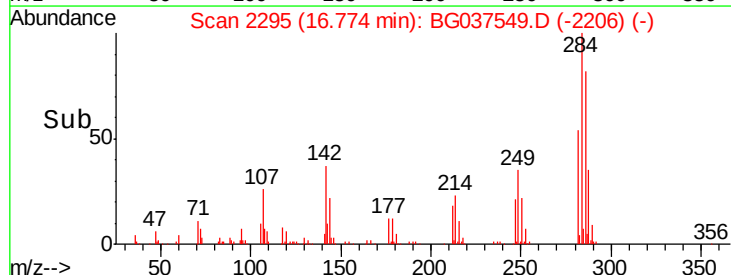
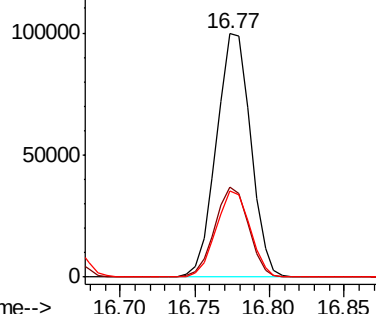


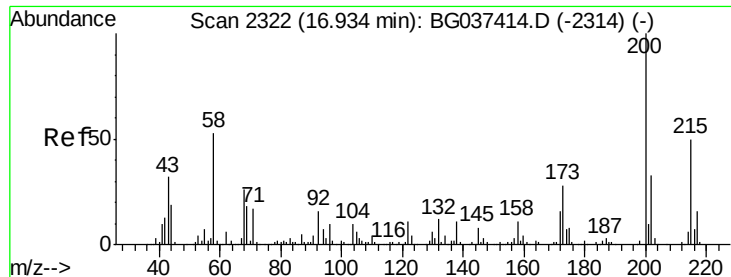
Abundance

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





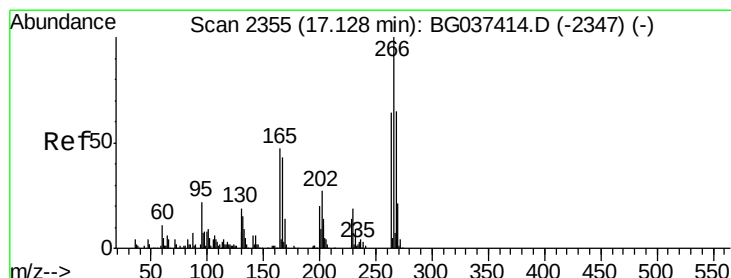
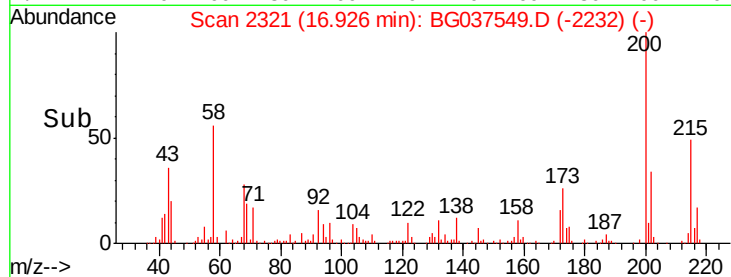
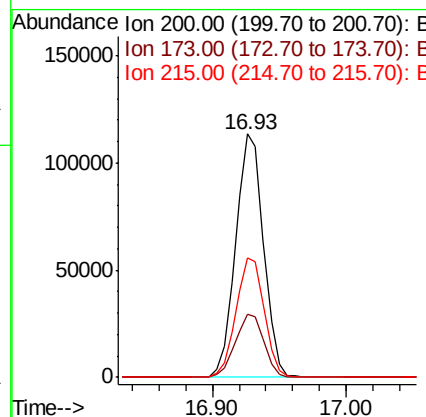
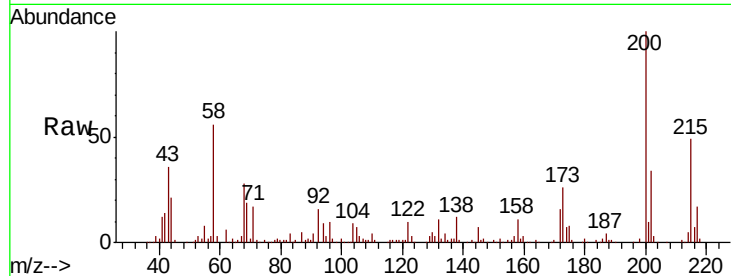
#69
 Atrazine
 Concen: 39.463 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.1	46.1
215	48.9	30.8	70.8

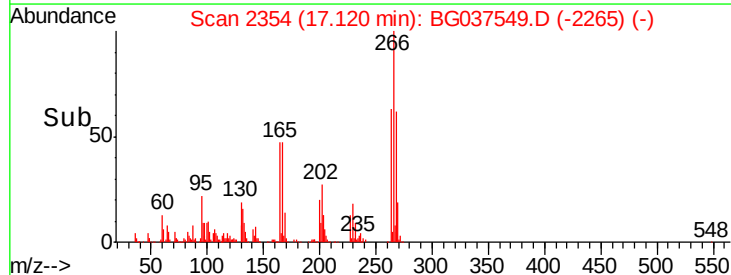
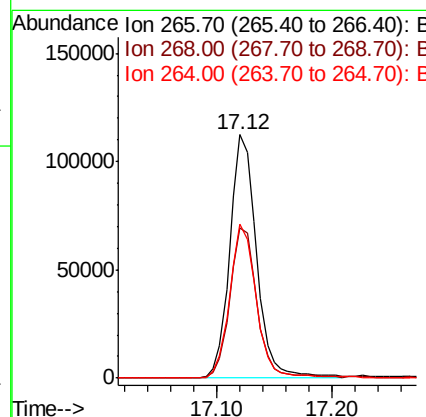
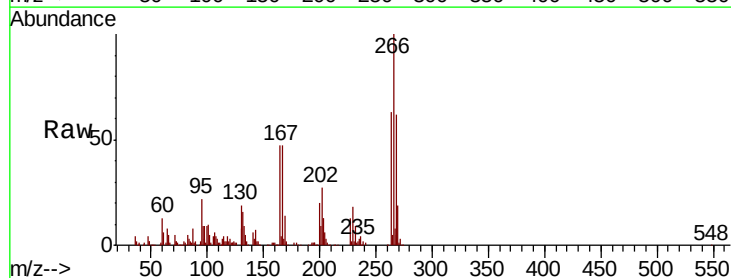
Manual Integrations
 APPROVED

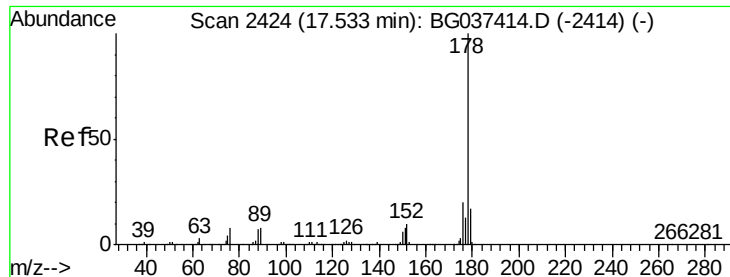
Sohil
 10/26/2018 3:46:45 PM



#70
 Pentachlorophenol
 Concen: 61.823 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	55.0	82.6
264	68.0	58.9	88.3





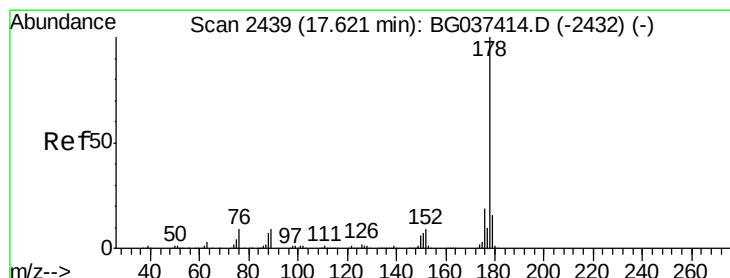
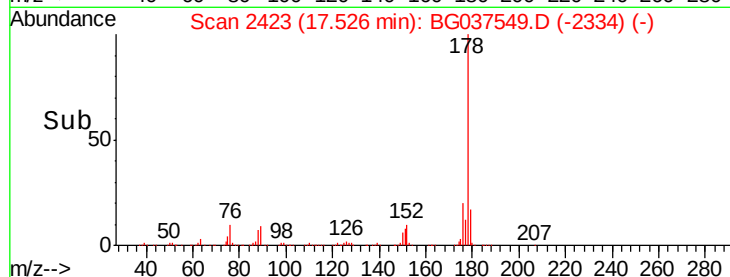
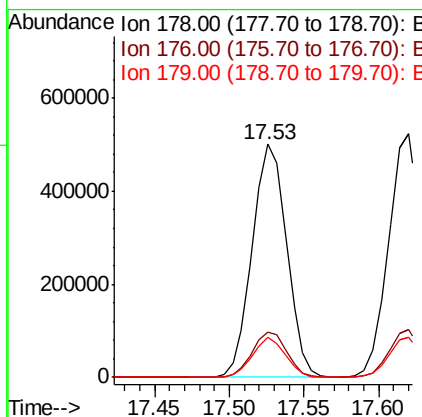
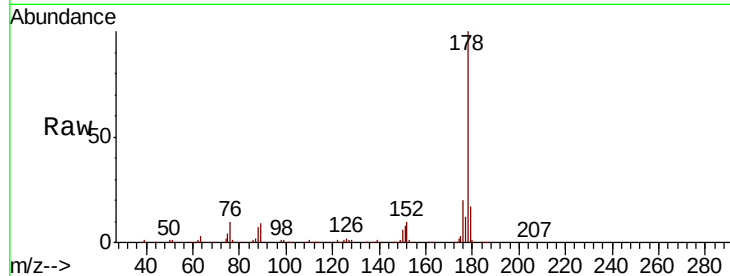
#71
Phenanthrene
Concen: 40.957 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.1	24.1
179	17.3	13.0	19.4

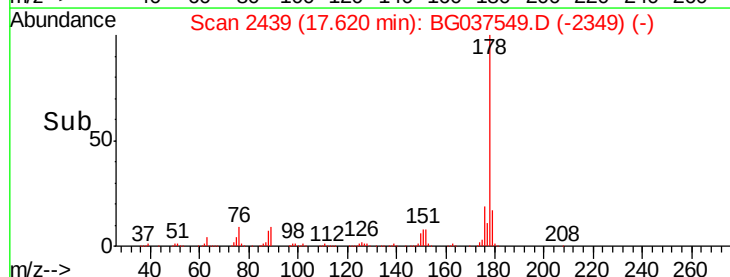
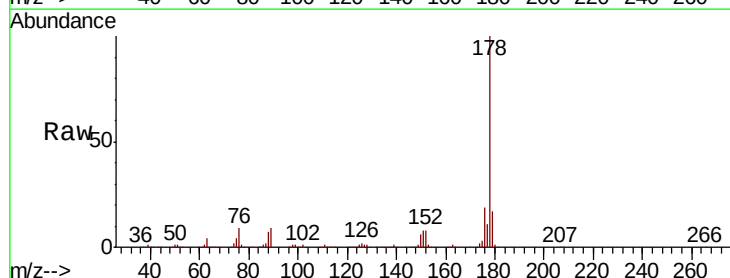
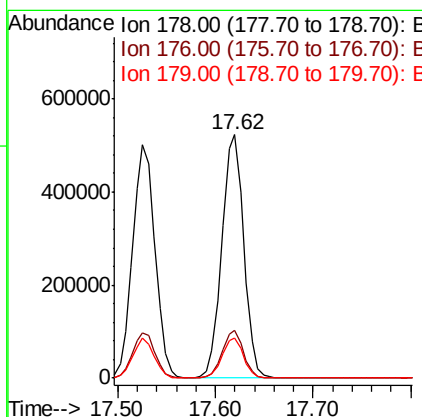
Manual Integrations
APPROVED

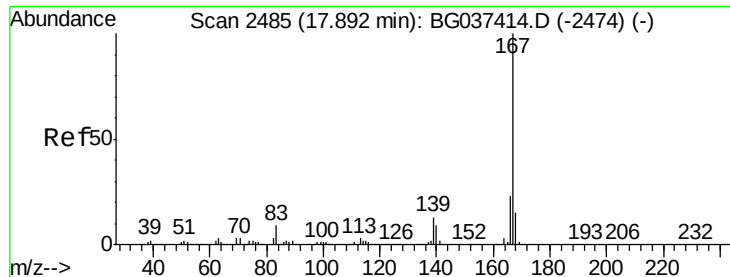
Sohil
10/26/2018 3:46:45 PM



#72
Anthracene
Concen: 42.545 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	16.6	12.8	19.2





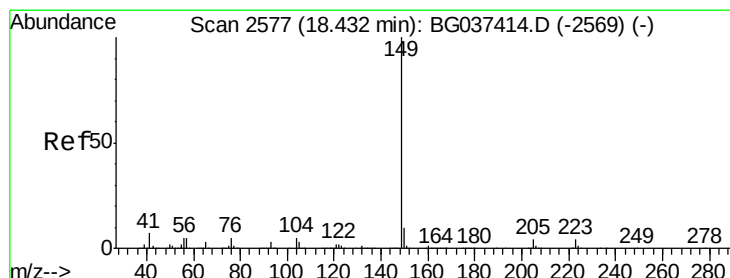
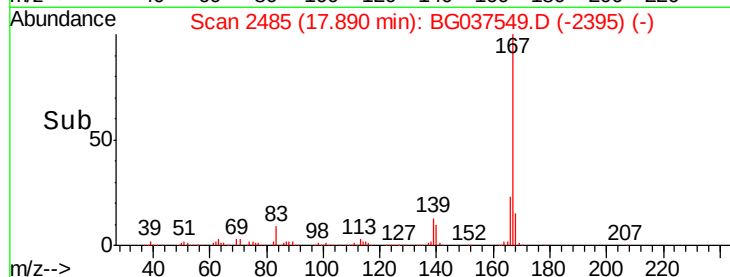
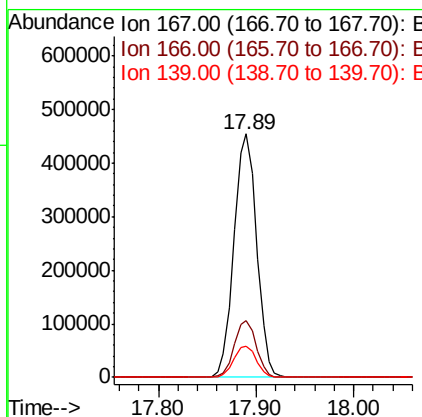
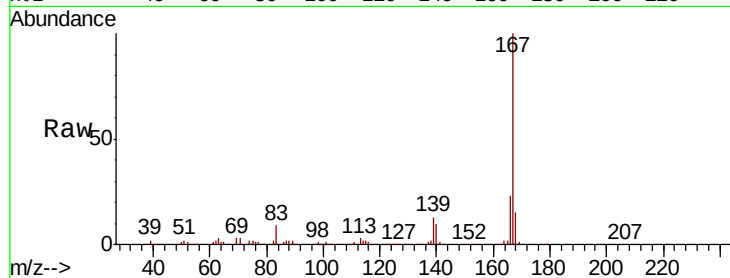
#73
 Carbazole
 Concen: 38.369 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.3	27.5
139	12.6	10.5	15.7

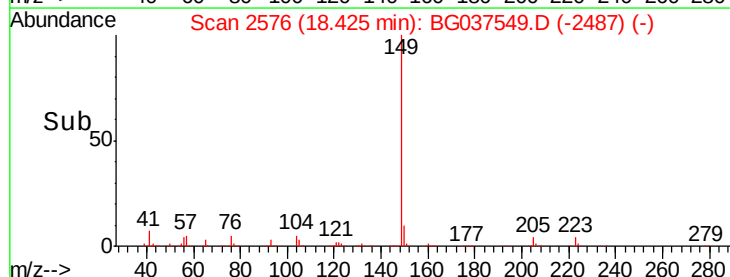
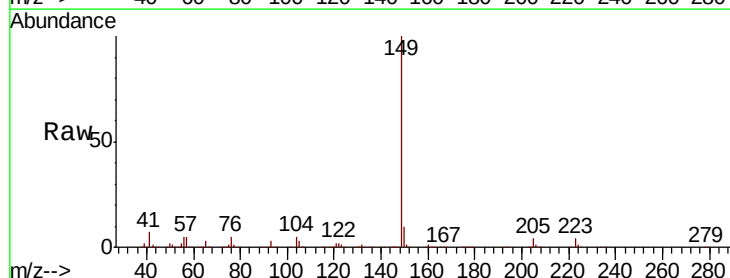
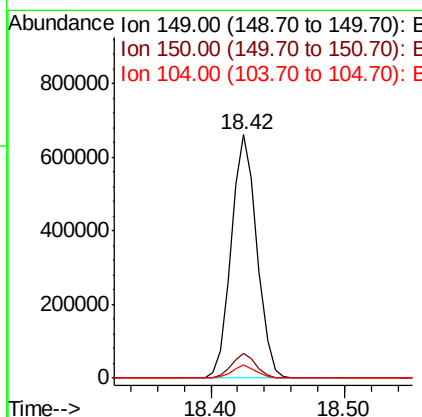
Manual Integrations
 APPROVED

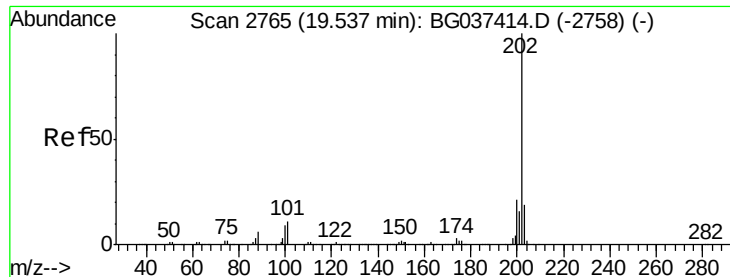
Sohil
 10/26/2018 3:46:45 PM



#74
 Di-n-butylphthalate
 Concen: 41.525 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 41.954 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

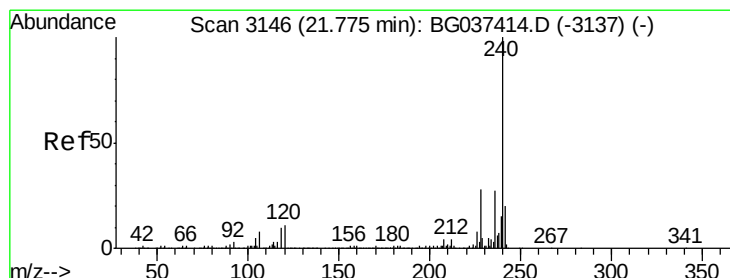
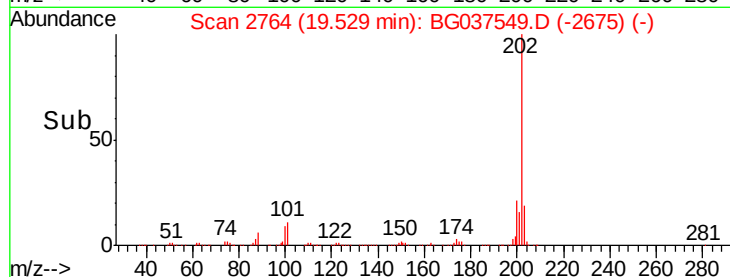
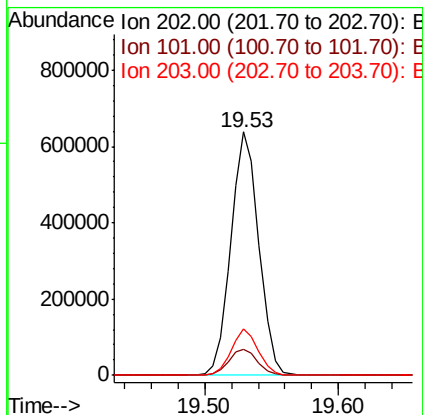
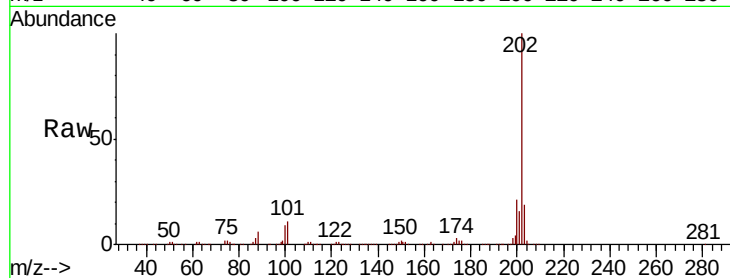
ClientSampleId :

PB114142BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		928113		
101	10.9	0.0	30.7		
203	18.9	0.0	38.5		

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM



#76

Chrysene-d12

Concen: 20.000 ng

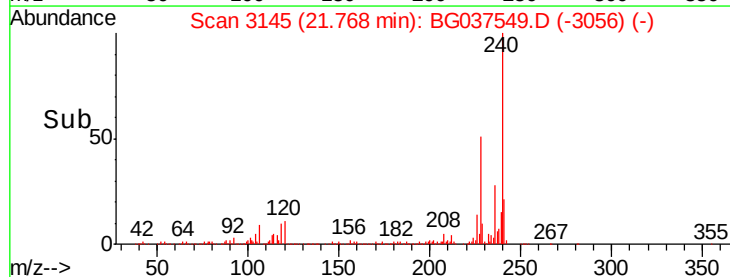
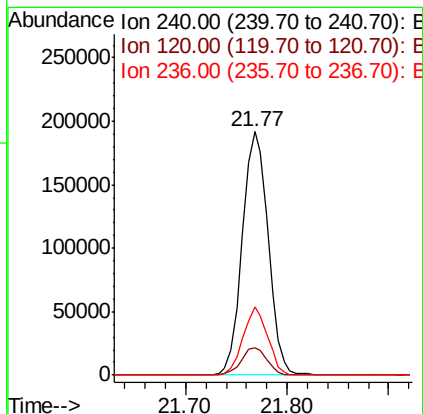
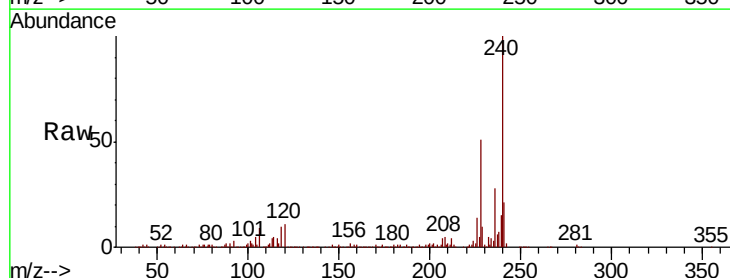
RT: 21.77 min Scan# 3145

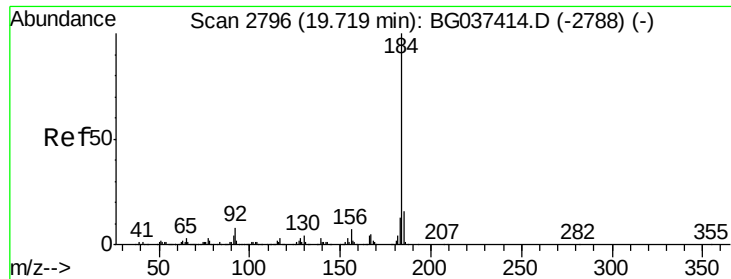
Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		340171		
120	11.1	8.1	12.1		
236	28.1	21.4	32.0		





#77

Benzidine

Concen: 13.878 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

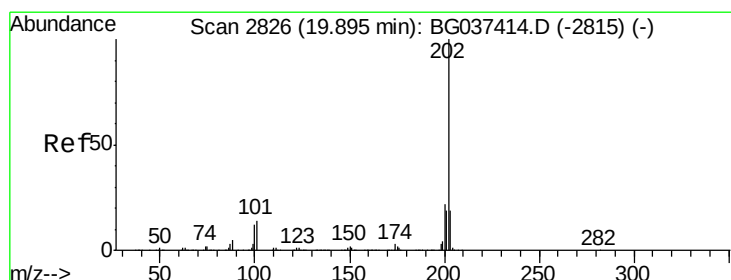
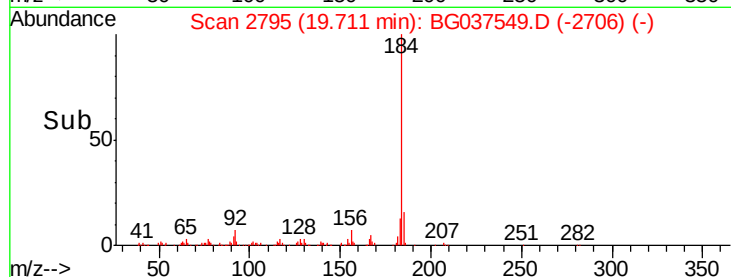
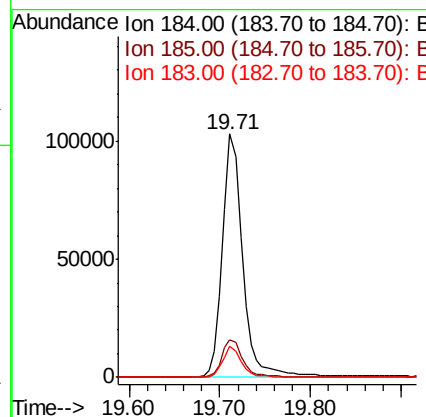
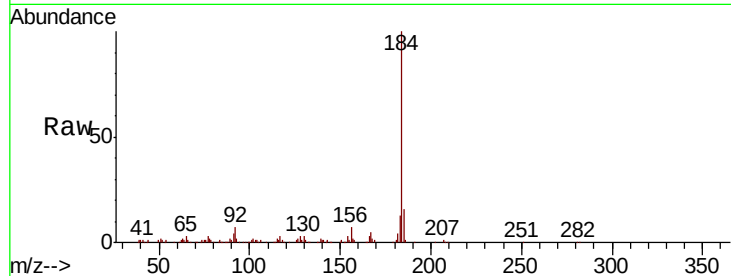
ClientSampleId :

PB114142BS

Tot Ion:	184	Resp:	160517
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	18.8
183	12.6	10.2	15.2

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM



#78

Pyrene

Concen: 41.311 ng

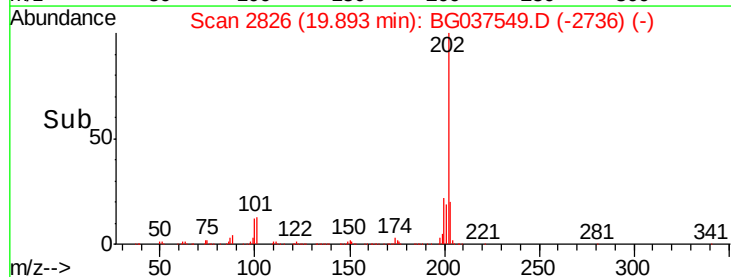
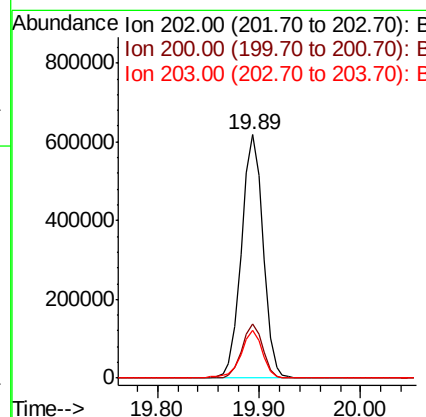
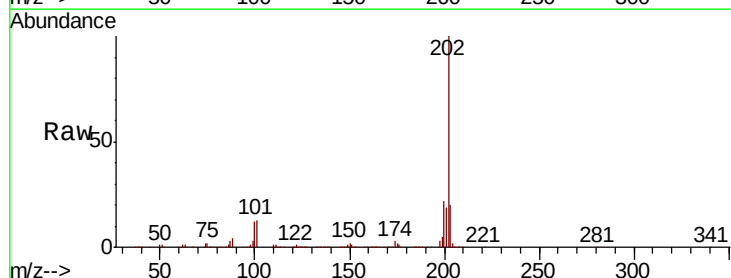
RT: 19.89 min Scan# 2826

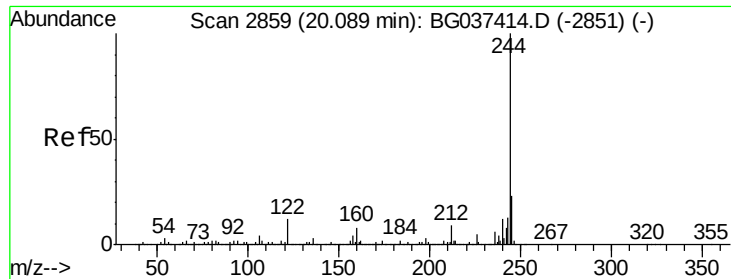
Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Tgt Ion:	202	Resp:	918663
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.8	26.6
203	19.8	15.2	22.8





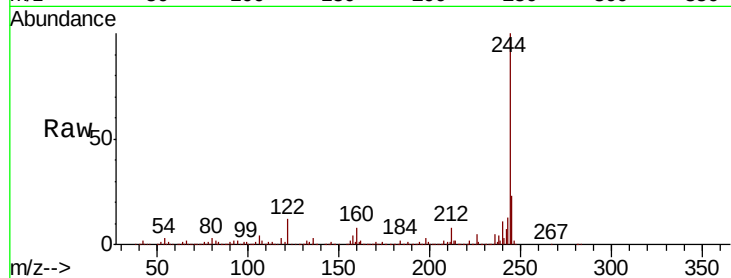
#79
 Terphenyl-d14
 Concen: 74.678 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.8	9.0	13.4

Manual Integrations
 APPROVED

Sohil
 10/26/2018 3:46:45 PM

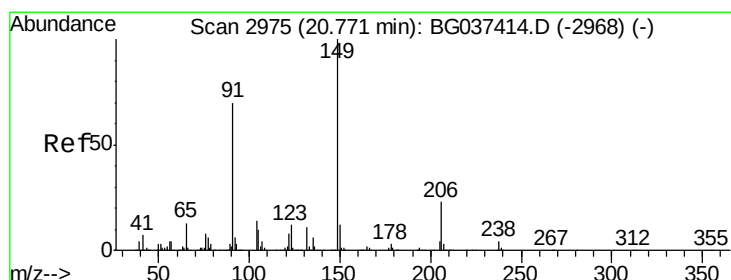
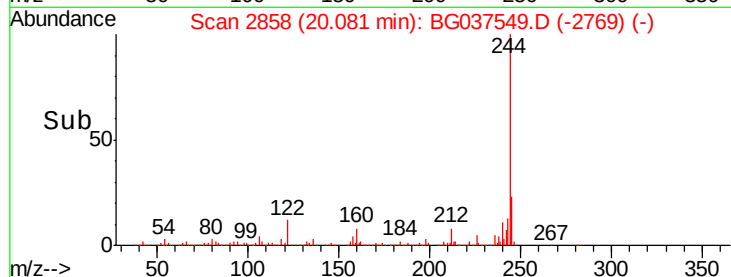
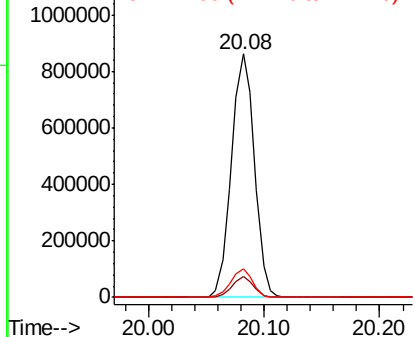


Abundance

Ion 244.00 (243.70 to 244.70): E

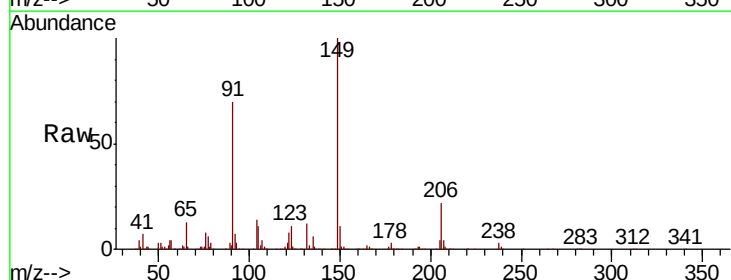
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 43.105 ng
 RT: 20.76 min Scan# 2974
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.9	57.0	85.4
206	22.2	17.8	26.6

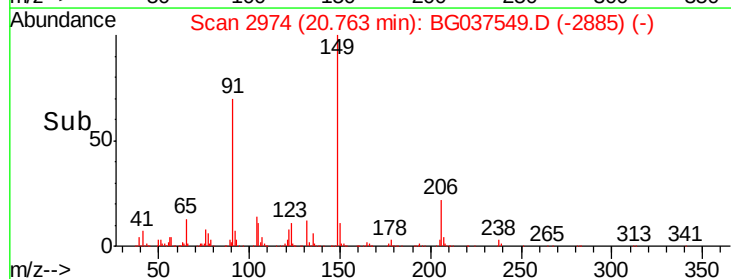
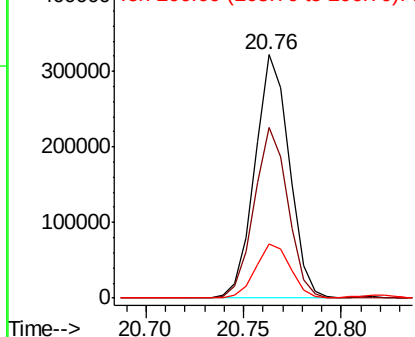


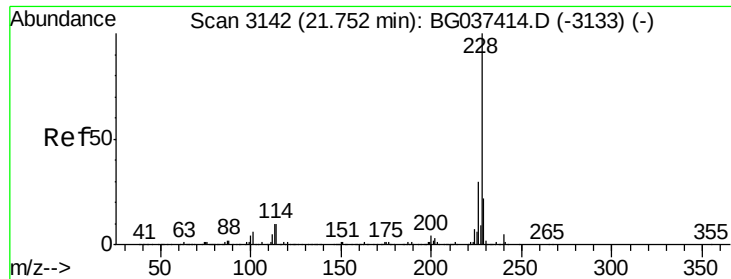
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





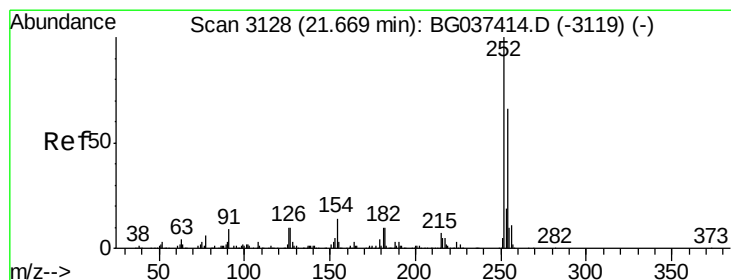
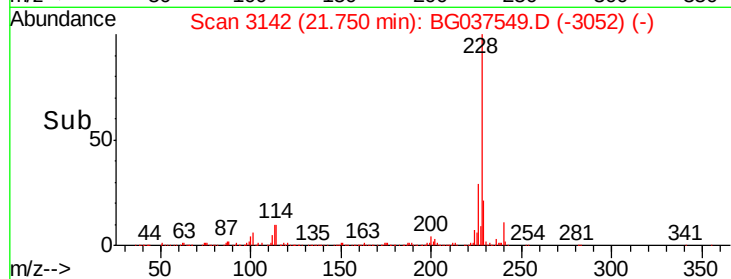
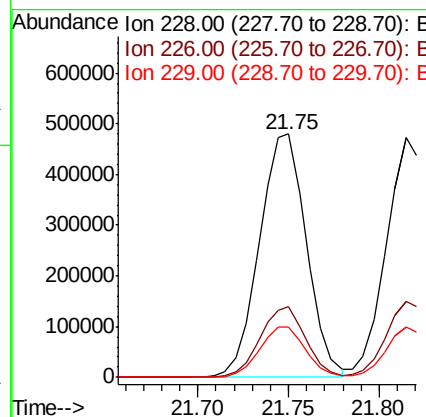
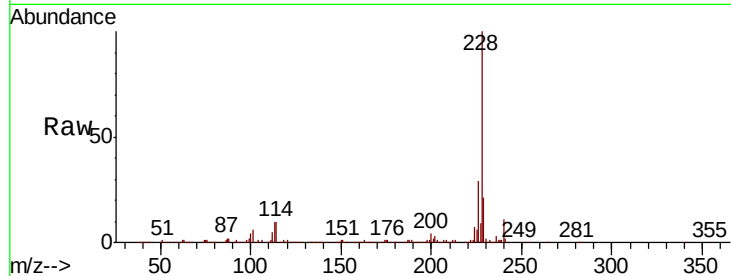
#81
Benzo(a)anthracene
Concen: 42.847 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.9	16.3	24.5

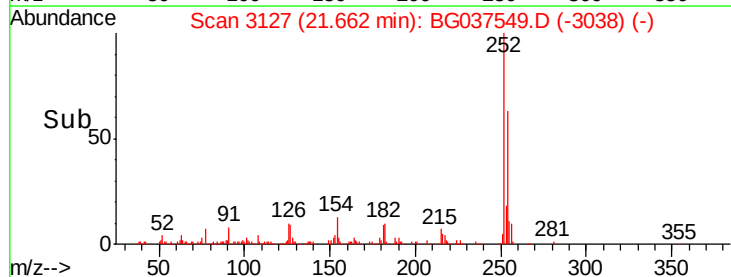
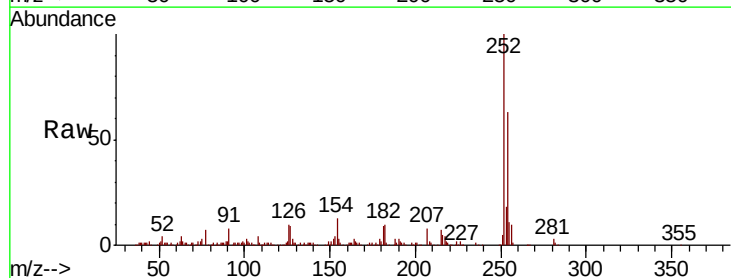
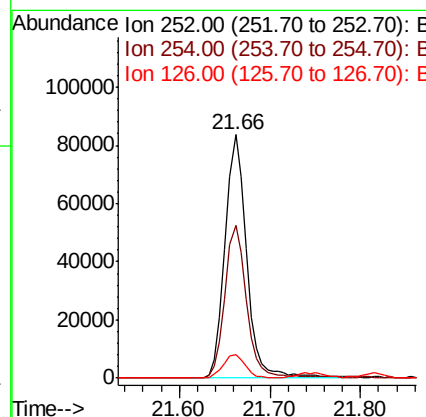
Manual Integrations
APPROVED

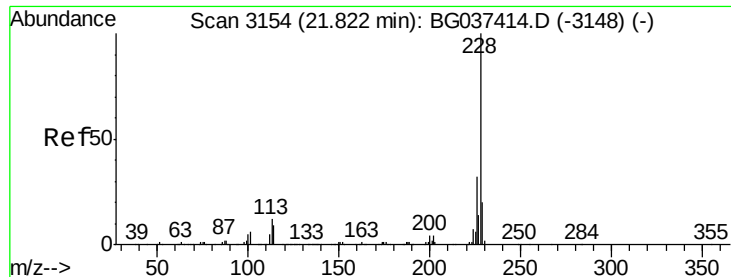
Sohil
10/26/2018 3:46:45 PM



#82
3,3'-Dichlorobenzidine
Concen: 17.800 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.0	78.0
126	9.8	8.2	12.4





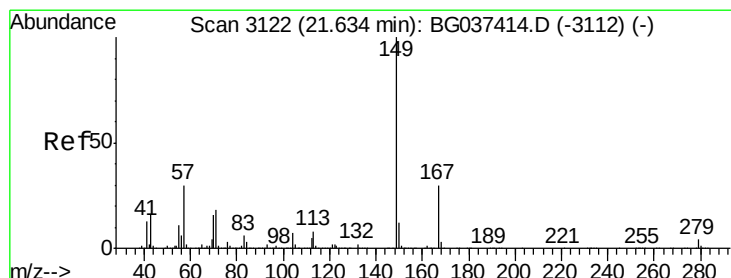
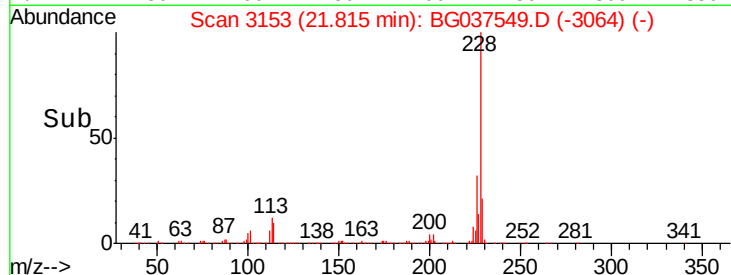
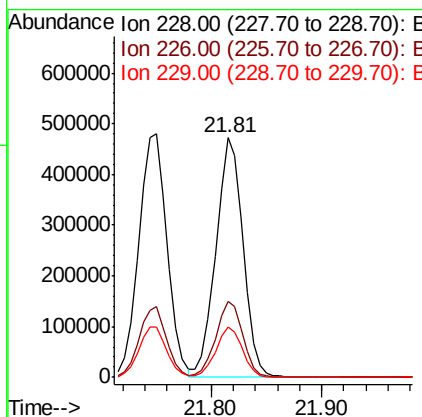
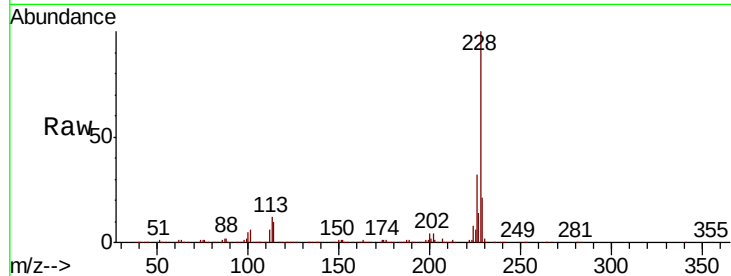
#83
Chrysene
Concen: 41.567 ng
RT: 21.81 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.7	38.5
229	21.2	16.5	24.7

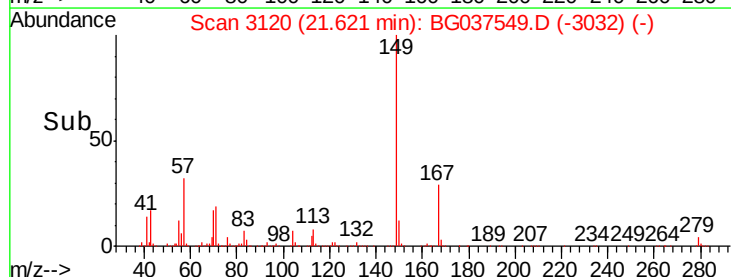
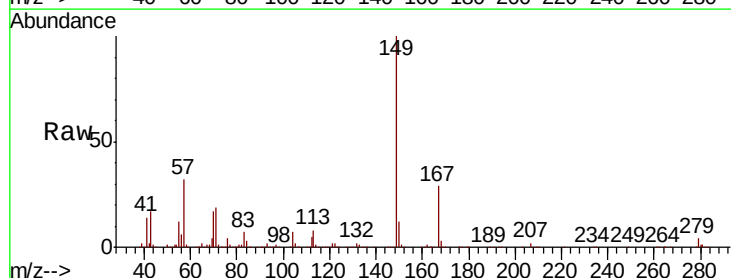
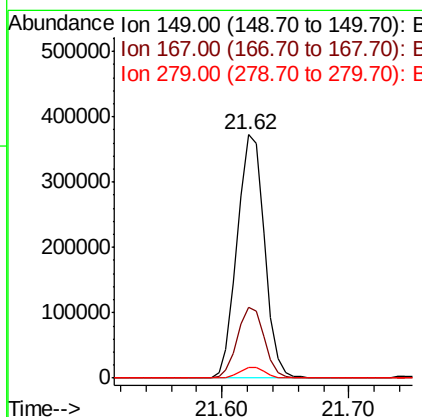
Manual Integrations
APPROVED

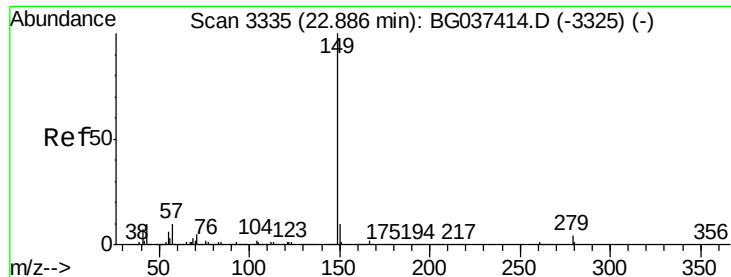
Sohil
10/26/2018 3:46:45 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.426 ng
RT: 21.62 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	4.4	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 44.905 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

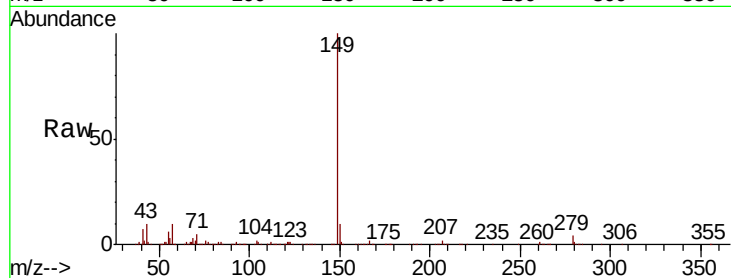
ClientSampleId :

PB114142BS

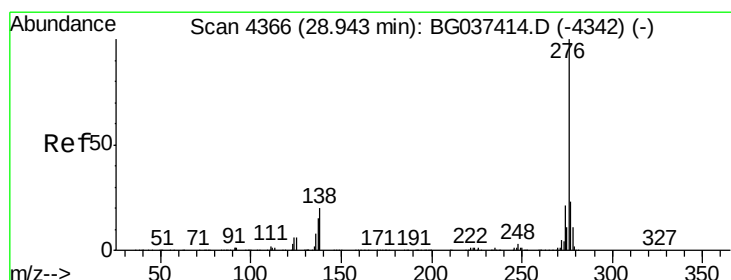
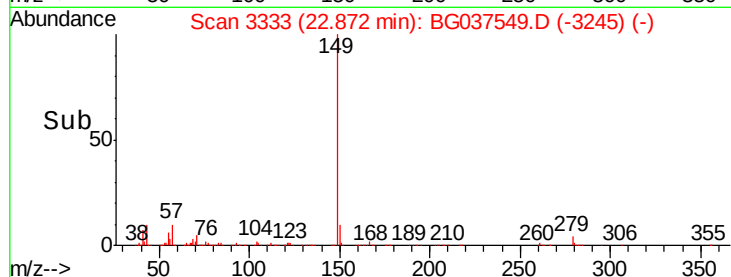
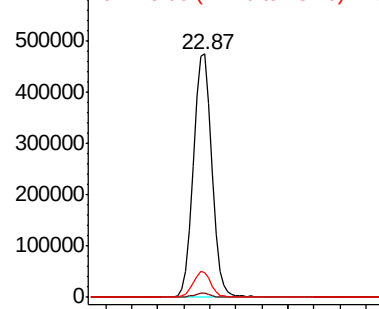
Tot Ion:	149	Resp:	934119
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.3	8.7	13.1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 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: 40.124 ng

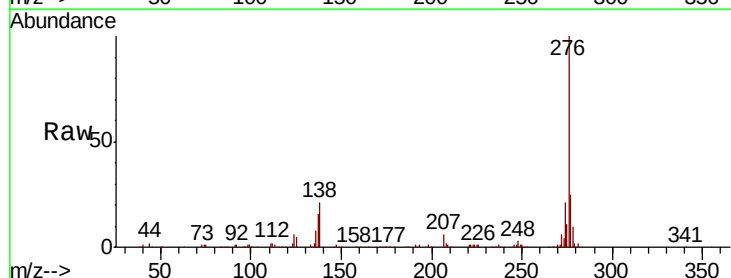
RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

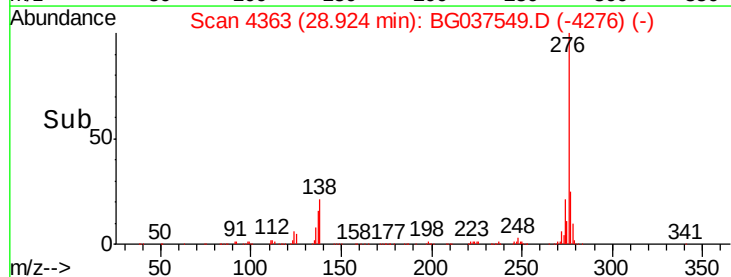
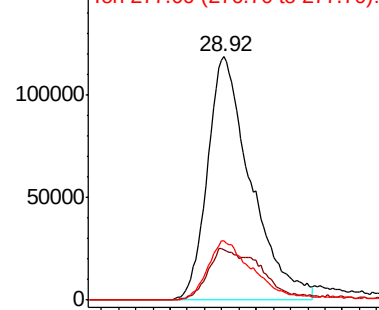
Lab File: BG037549.D

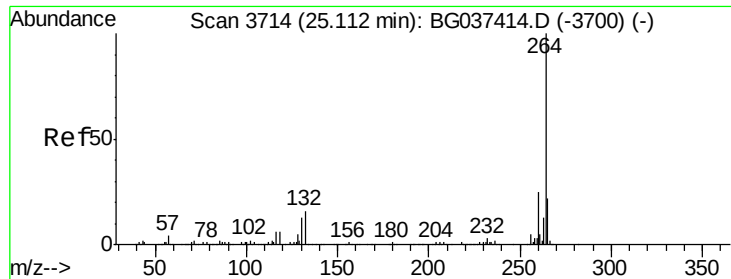
Acq: 25 Oct 2018 17:39

Tgt Ion:	276	Resp:	832623
Ion Ratio		Lower	Upper
276	100		
138	14.8	12.0	18.0
277	25.6	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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

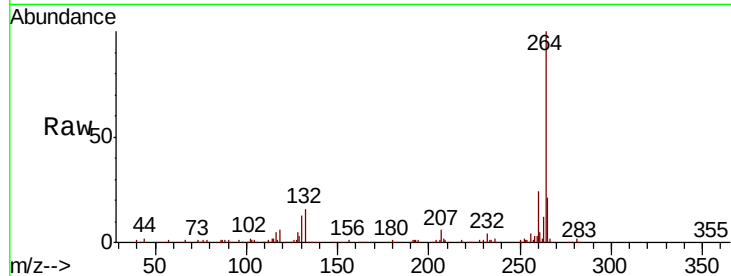
ClientSampleId :

PB114142BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.2	18.2	27.4		
265	21.3	17.9	26.9		

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM

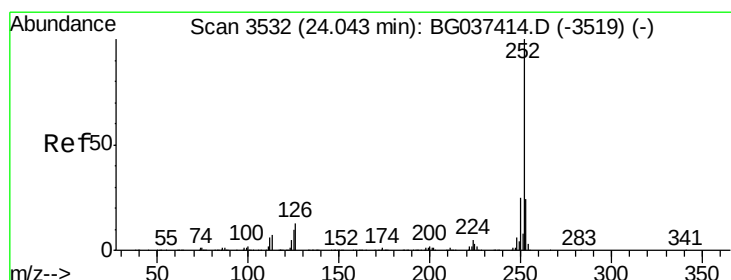
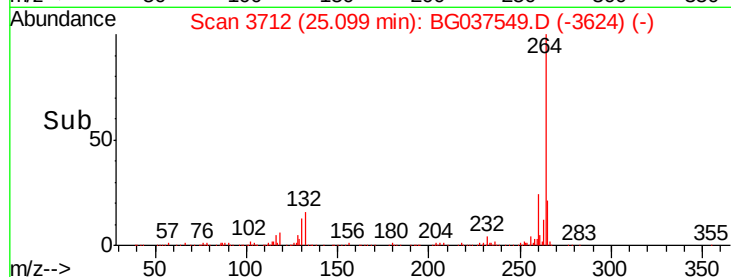
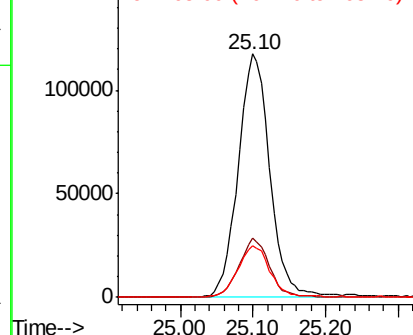


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.639 ng

RT: 24.04 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

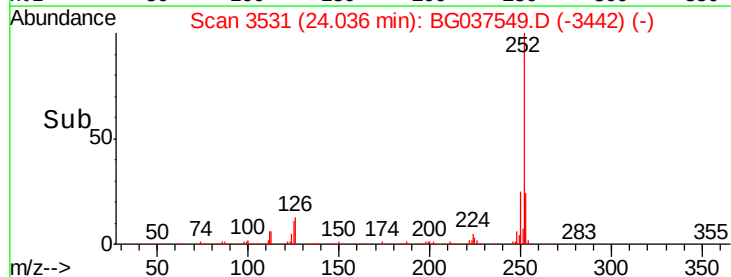
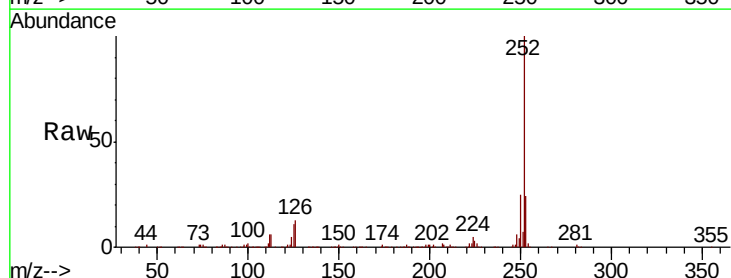
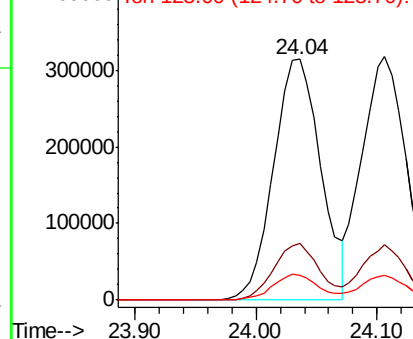
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	23.6	18.2	27.2		
125	10.5	7.8	11.6		

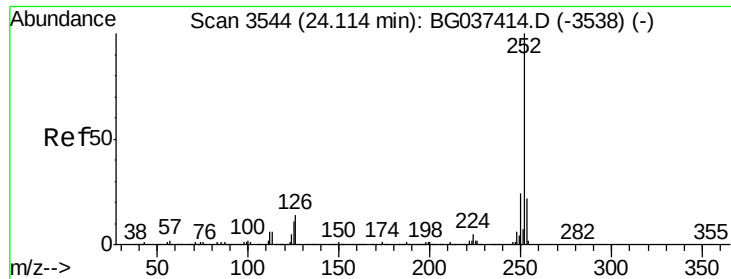
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





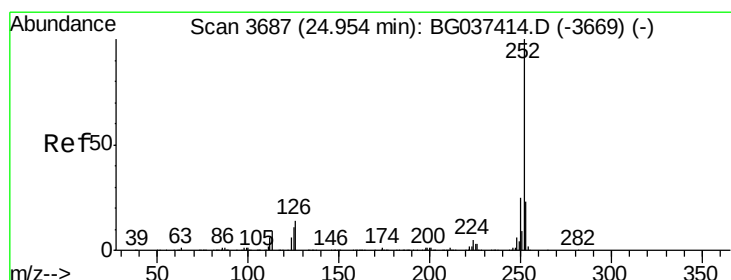
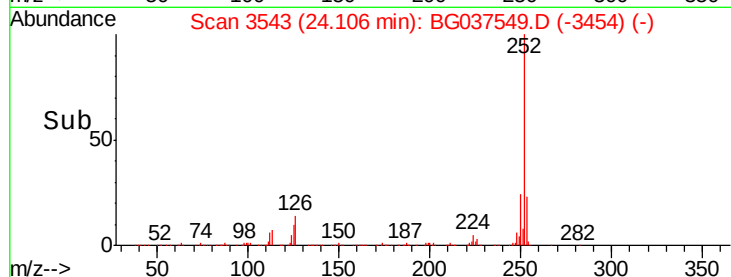
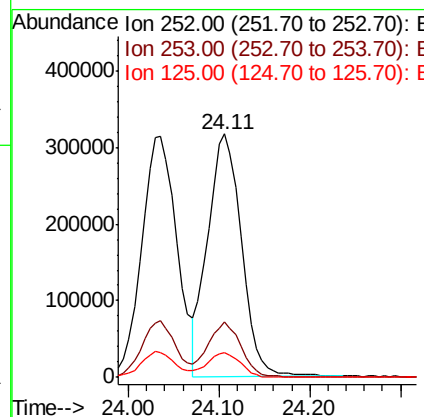
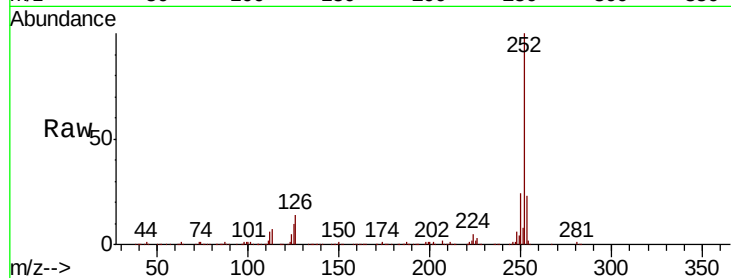
#89
Benzo(k)fluoranthene
Concen: 42.803 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	10.1	7.4	11.0

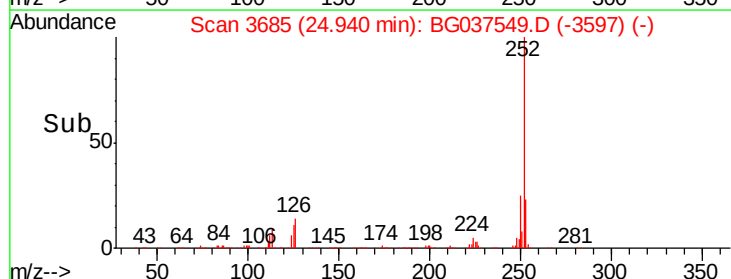
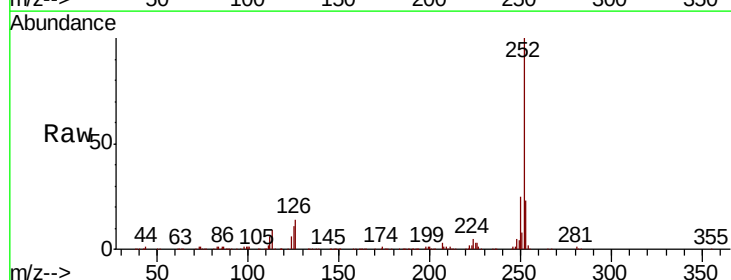
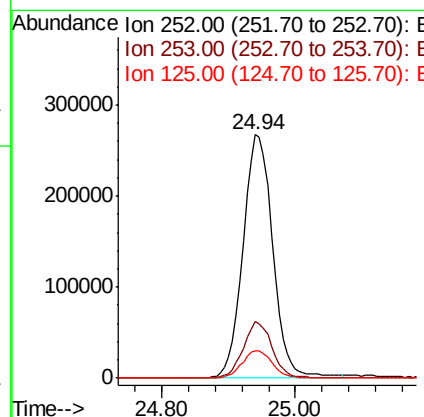
Manual Integrations
APPROVED

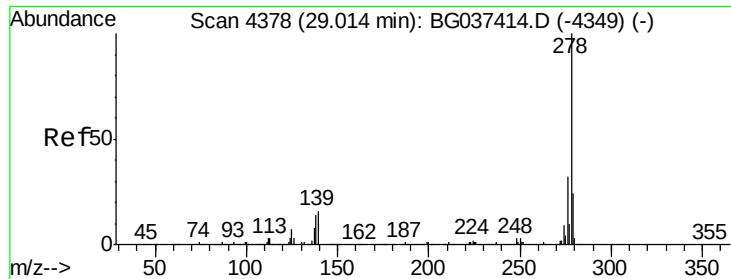
Sohil
10/26/2018 3:46:45 PM



#90
Benzo(a)pyrene
Concen: 44.043 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	11.2	9.0	13.6





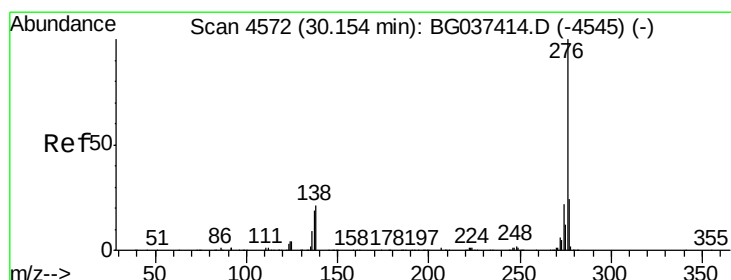
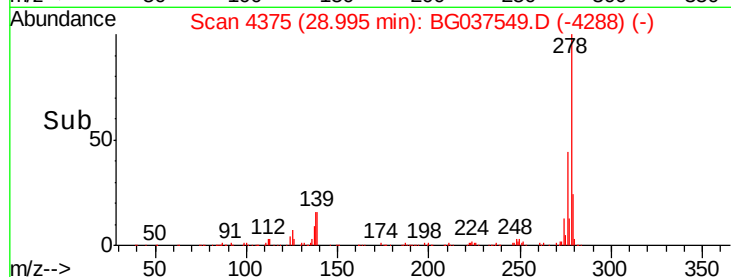
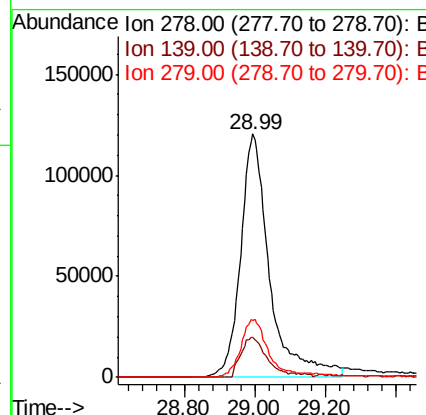
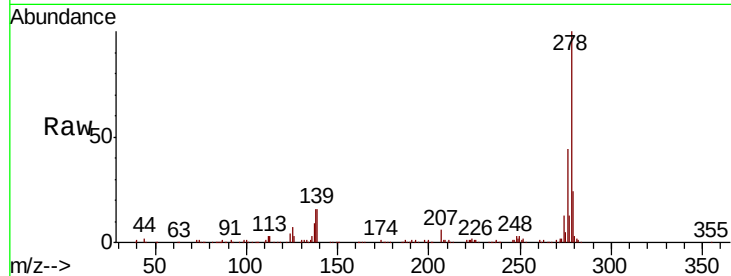
#91
Dibenzo(a,h)anthracene
Concen: 40.350 ng
RT: 28.99 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.5	17.3
279	23.5	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:46:45 PM



#92
Benzo(g,h,i)perylene
Concen: 40.181 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	21.6	17.2	25.8

