

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037660.D
 Acq On : 30 Oct 2018 19:16
 Operator : JU/SJ
 Sample : PB114322BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:15 AM

Quant Time: Oct 31 09:06:26 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	53654	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	248062	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	164188	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	398600	20.00	ng	0.00
76) Chrysene-d12	21.77	240	355166	20.00	ng	0.00
87) Perylene-d12	25.10	264	367231	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	509529	158.77	ng	0.00
7) Phenol-d6	7.25	99	726269	149.66	ng	0.00
23) Nitrobenzene-d5	9.28	82	340017	76.78	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	271228	151.46	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	815418	74.89	ng	0.00
79) Terphenyl-d14	20.08	244	1212388	72.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	52617	32.330	ng	93
3) Pyridine	3.93	79	147169	35.877	ng	98
4) n-Nitrosodimethylamine	3.85	42	65619	44.911	ng	# 85
6) Aniline	7.42	93	192122	32.453	ng	99
8) 2-Chlorophenol	7.66	128	167779	44.689	ng	98
9) Benzaldehyde	7.24	77	88597	29.186	ng	99
10) Phenol	7.28	94	229195	44.763	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	150366	38.666	ng	95
12) 1,3-Dichlorobenzene	7.99	146	165939	39.702	ng	96
13) 1,4-Dichlorobenzene	8.14	146	166772	39.008	ng	98
14) 1,2-Dichlorobenzene	8.45	146	161200	39.196	ng	97
15) Benzyl Alcohol	8.34	79	151044	42.124	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	278771	40.064	ng	98
17) 2-Methylphenol	8.53	107	153548	45.361	ng	98
18) Hexachloroethane	9.19	117	59760	41.000	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	128291	38.391	ng	96
20) 3+4-Methylphenols	8.86	107	212946	44.000	ng	98
22) Acetophenone	8.93	105	245513	39.463	ng	# 97
24) Nitrobenzene	9.32	77	188025	40.873	ng	96
25) Isophorone	9.84	82	365488	45.172	ng	96
26) 2-Nitrophenol	10.03	139	93138	44.943	ng	96
27) 2,4-Dimethylphenol	10.07	122	181208	48.973	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	222715	42.013	ng	98
29) 2,4-Dichlorophenol	10.56	162	182083	44.197	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	174111	38.863	ng	96
31) Naphthalene	10.97	128	517298	42.457	ng	99
32) Benzoic acid	10.20	122	123066	51.207	ng	95
33) 4-Chloroaniline	11.08	127	129994	22.707	ng	97
34) Hexachlorobutadiene	11.23	225	99506	37.475	ng	99
35) Caprolactam	11.87	113	67678m	40.960	ng	
36) 4-Chloro-3-methylphenol	12.19	107	201265	43.319	ng	98
37) 2-Methylnaphthalene	12.57	142	392206	44.159	ng	99
38) 1-Methylnaphthalene	12.79	142	375158	43.494	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	199513	37.673	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037660.D
 Acq On : 30 Oct 2018 19:16
 Operator : JU/SJ
 Sample : PB114322BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:15 AM

Quant Time: Oct 31 09:06:26 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	247337	97.772	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	157155	44.417	nq	100
44) 2,4,5-Trichlorophenol	13.24	196	171594	44.544	nq	97
46) 1,1'-Biphenyl	13.57	154	507477	37.321	nq	99
47) 2-Chloronaphthalene	13.62	162	405404	39.409	nq	99
48) 2-Nitroaniline	13.82	65	136742	43.833	nq	98
49) Acenaphthylene	14.46	152	674820	43.608	nq	99
50) Dimethylphthalate	14.19	163	533382	41.992	nq	99
51) 2,6-Dinitrotoluene	14.31	165	122089	43.449	nq	95
52) Acenaphthene	14.80	154	388037	40.716	nq	96
53) 3-Nitroaniline	14.65	138	103291	33.113	nq #	95
54) 2,4-Dinitrophenol	14.85	184	95703	78.015	nq	95
55) Dibenzofuran	15.13	168	639454	40.497	nq	99
56) 4-Nitrophenol	14.95	139	280526	121.494	nq	98
57) 2,4-Dinitrotoluene	15.10	165	171116	46.392	nq	96
58) Fluorene	15.78	166	520878	44.051	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	147462	44.709	nq	99
60) Diethylphthalate	15.54	149	539458	41.368	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	270637	39.268	nq	97
62) 4-Nitroaniline	15.81	138	133527	43.078	nq	91
63) Azobenzene	16.06	77	515347	41.420	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	87907	43.086	nq	99
66) n-Nitrosodiphenylamine	15.98	169	473181	39.465	nq	100
67) 4-Bromophenyl-phenylether	16.67	248	171117	39.092	nq	98
68) Hexachlorobenzene	16.77	284	172783	38.086	nq	99
69) Atrazine	16.93	200	178566	41.192	nq	100
70) Pentachlorophenol	17.12	266	210371	69.228	nq	98
71) Phenanthrene	17.52	178	855154	42.213	nq	98
72) Anthracene	17.62	178	862871	43.403	nq	98
73) Carbazole	17.89	167	788508	39.651	nq	100
74) Di-n-butylphthalate	18.42	149	943909	42.669	nq	100
75) Fluoranthene	19.53	202	993984	43.261	nq	100
77) Benzidine	19.71	184	409705	33.926	nq	99
78) Pyrene	19.89	202	981782	42.286	nq	99
80) Butylbenzylphthalate	20.76	149	423999	44.622	nq	98
81) Benzo(a)anthracene	21.74	228	921841	43.881	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	244259	29.997	nq	99
83) Chrysene	21.81	228	852612	42.208	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	591813	44.433	nq	99
85) Di-n-octyl phthalate	22.87	149	1004833	46.265	nq	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	915024	42.233	nq #	91
88) Benzo(b)fluoranthene	24.03	252	904337	44.918	nq	98
89) Benzo(k)fluoranthene	24.10	252	860027	43.601	nq	97
90) Benzo(a)pyrene	24.95	252	862497	45.084	nq	98
91) Dibenzo(a,h)anthracene	28.99	278	742885	42.097	nq	98
92) Benzo(g,h,i)perylene	30.13	276	749047	41.955	nq	99

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

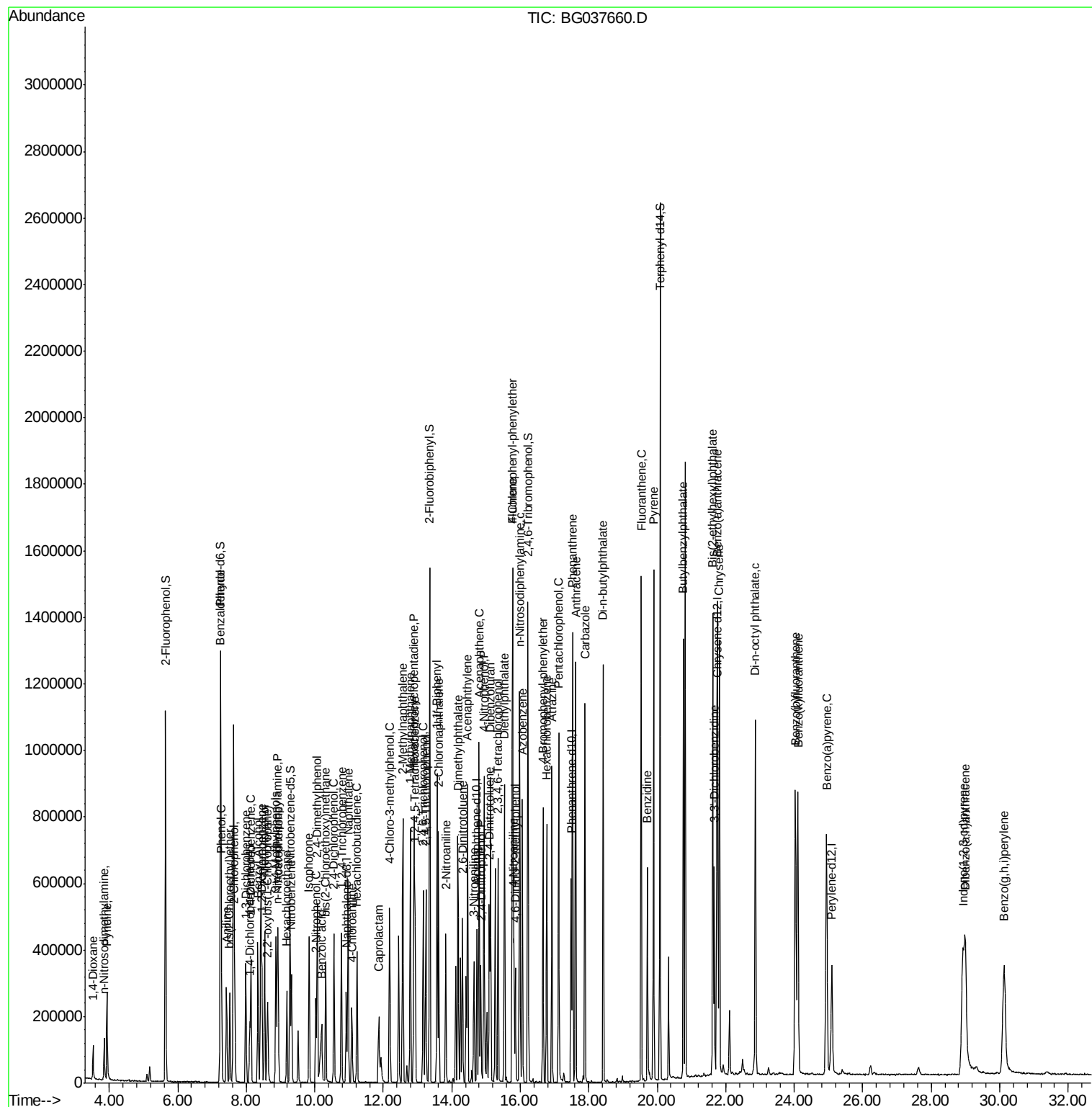
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037660.D
Acq On : 30 Oct 2018 19:16
Operator : JU/SJ
Sample : PB114322BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

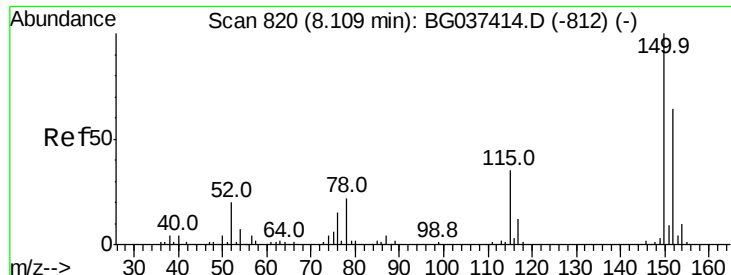
Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM

Quant Time: Oct 31 09:06:26 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





#1

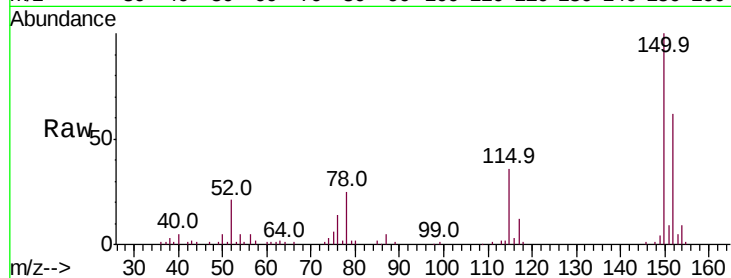
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.0	189.0
115	59.0	45.5	68.3

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM

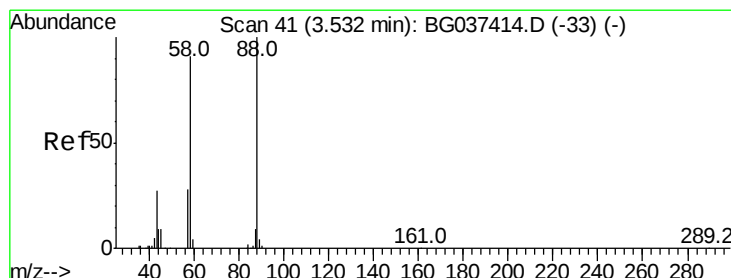
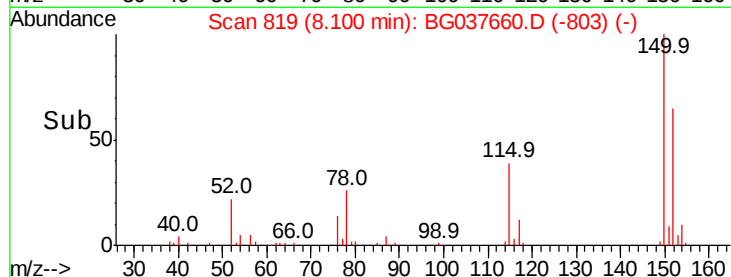
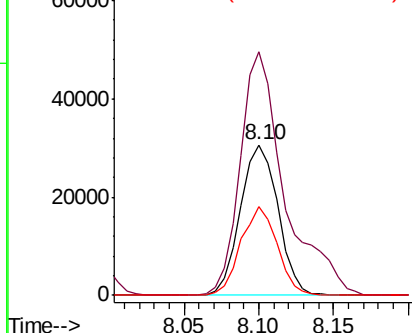


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

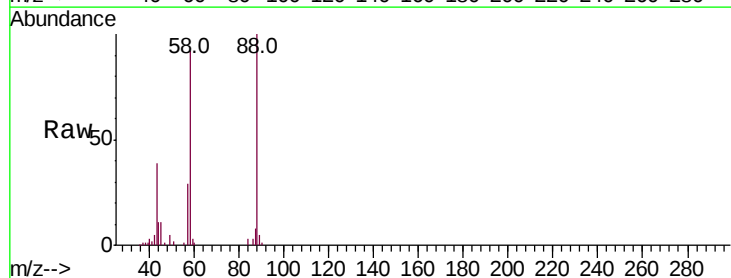
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.330 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	74.4	111.6
43	34.2	25.8	38.8

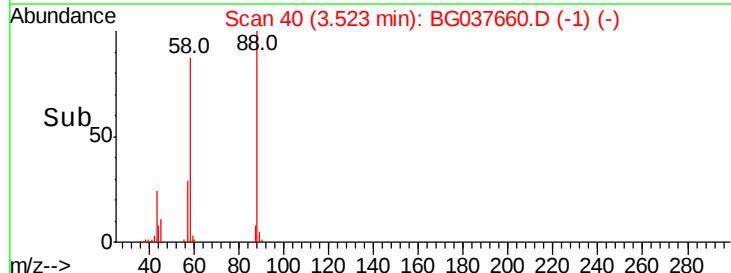
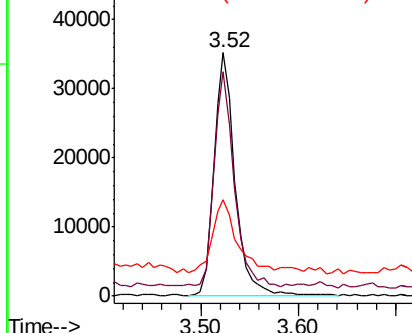


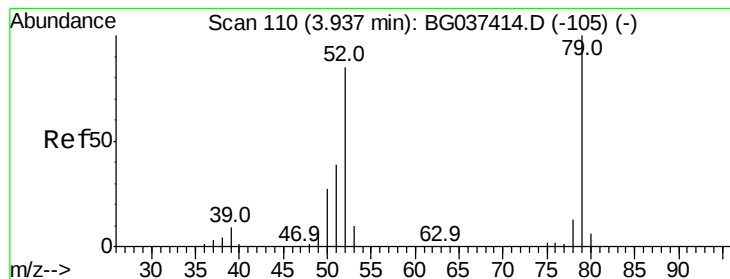
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.877 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

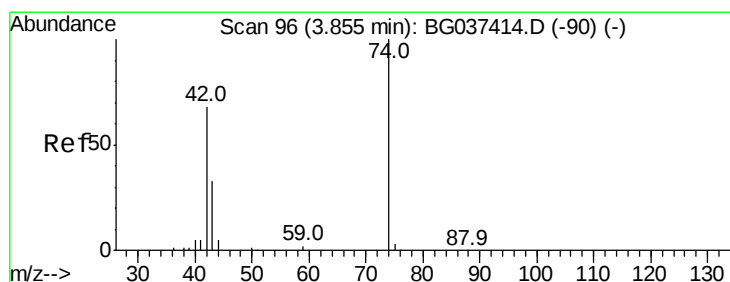
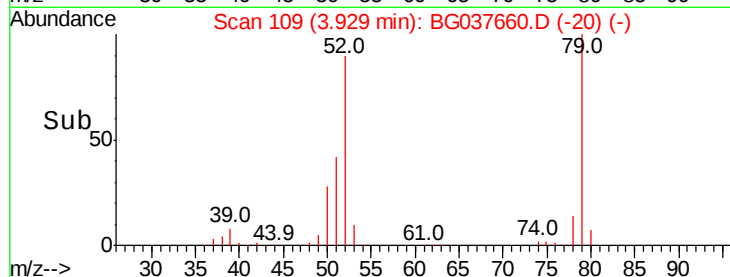
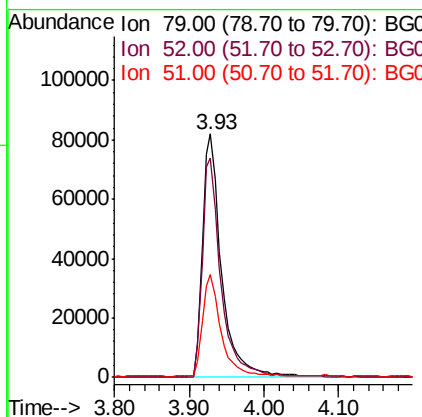
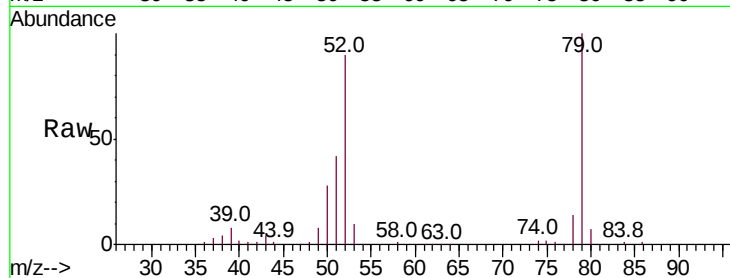
ClientSampleId :

PB114322BSD

Tot Ion:	79	Resp:	147169
Ion Ratio	Lower	Upper	
79	100		
52	90.0	74.2	111.2
51	42.4	34.6	51.8

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#4

n-Nitrosodimethylamine

Concen: 44.911 ng

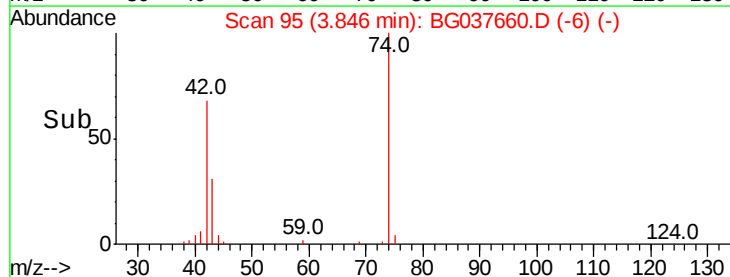
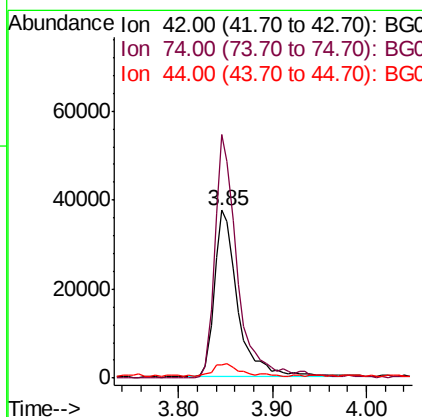
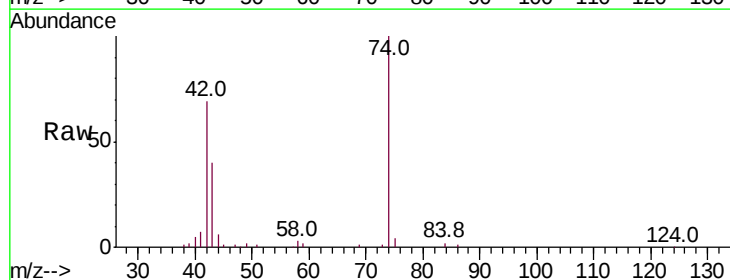
RT: 3.85 min Scan# 95

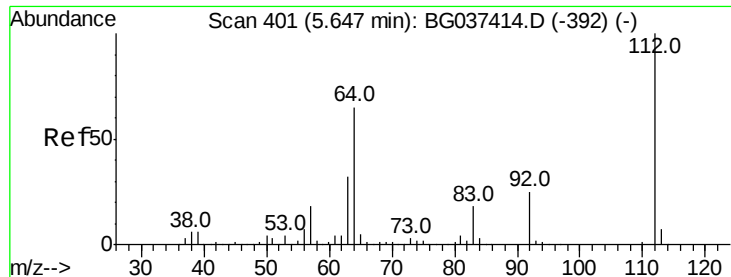
Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:	42	Resp:	65619
Ion Ratio	Lower	Upper	
42	100		
74	145.0	102.0	153.0
44	8.2	9.6	14.4#





#5

2-Fluorophenol

Concen: 158.769 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

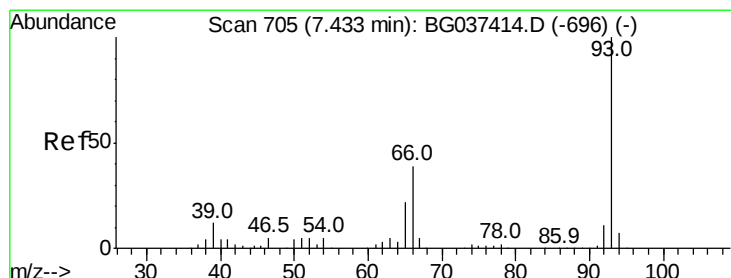
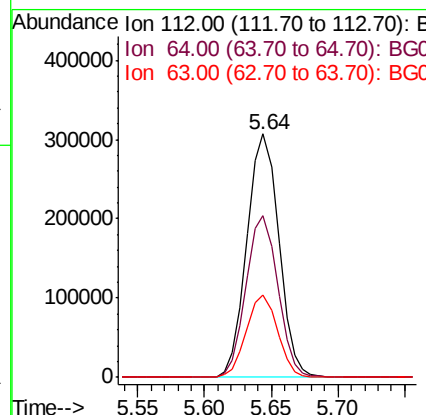
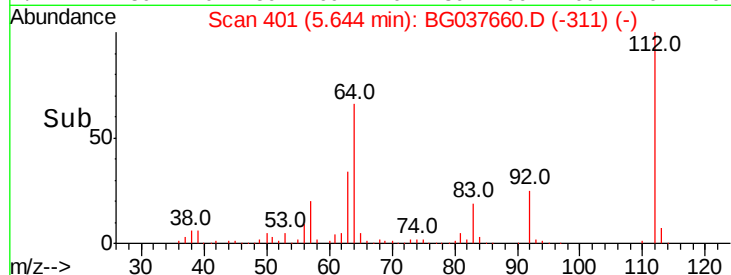
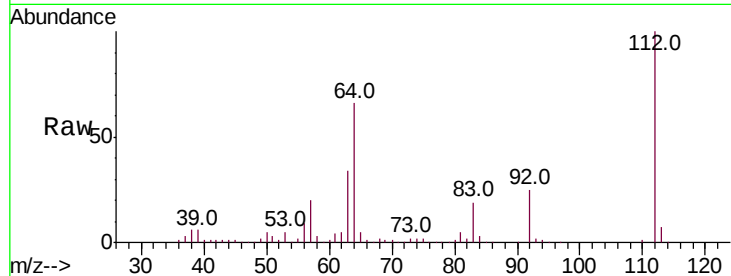
ClientSampleId :

PB114322BSD

Tot Ion:	112	Resp:	509529
Ion Ratio	Lower	Upper	
112	100		
64	66.3	53.1	79.7
63	34.1	27.3	40.9

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#6

Aniline

Concen: 32.453 ng

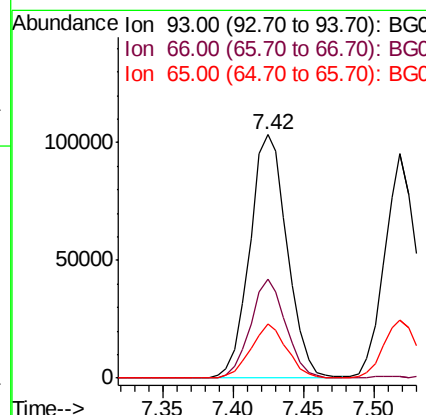
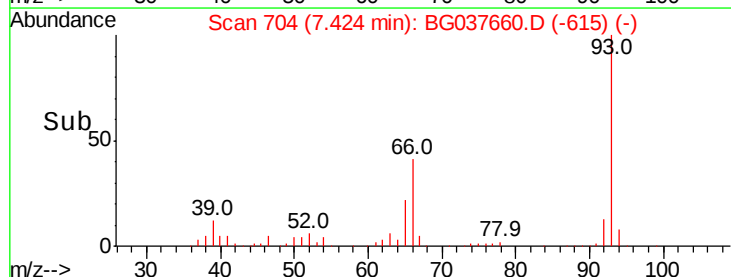
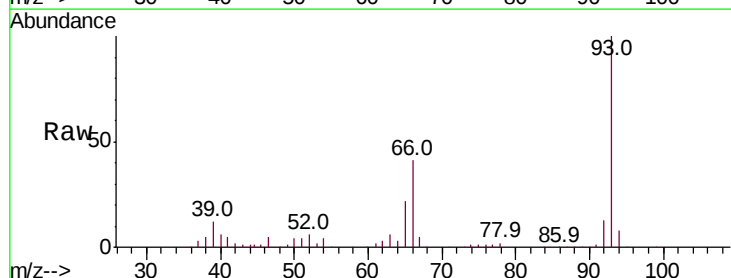
RT: 7.42 min Scan# 704

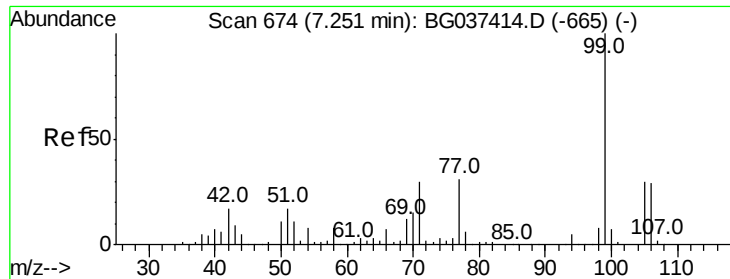
Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:	93	Resp:	192122
Ion Ratio	Lower	Upper	
93	100		
66	40.8	32.8	49.2
65	22.2	16.4	24.6





#7

Phenol-d6

Concen: 149.660 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

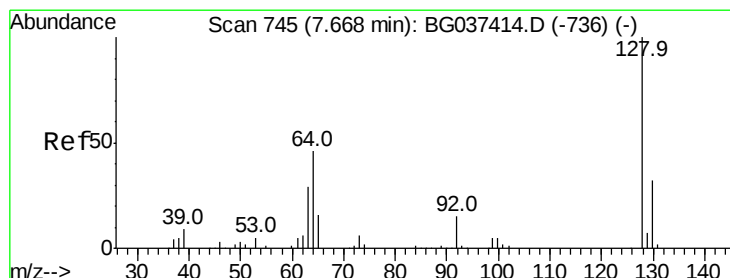
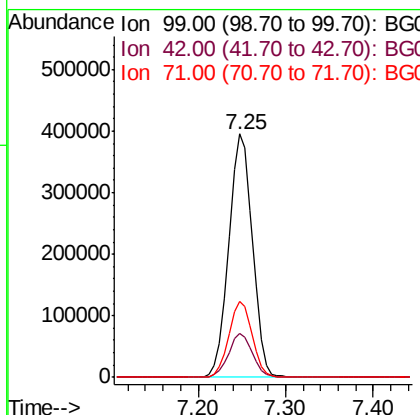
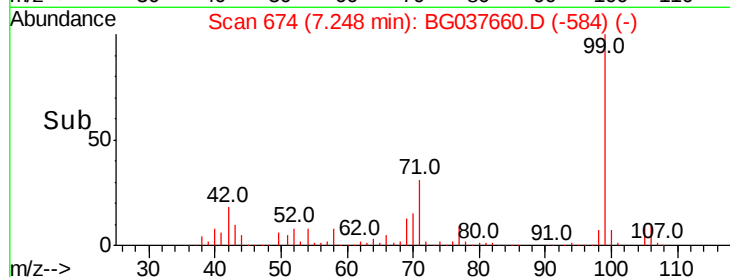
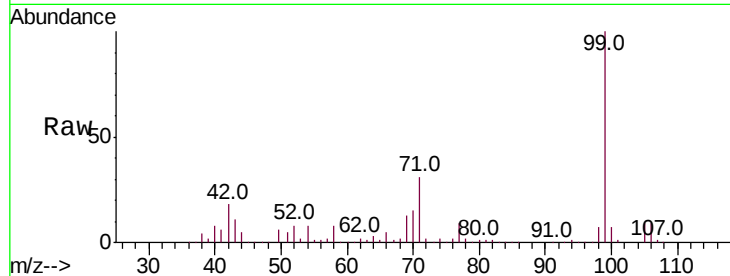
ClientSampled :

PB114322BSD

Tot Ion:	99	Resp:	726269
Ion Ratio	Lower	Upper	
99	100		
42	17.9	15.0	22.4
71	31.2	25.5	38.3

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#8

2-Chlorophenol

Concen: 44.689 ng

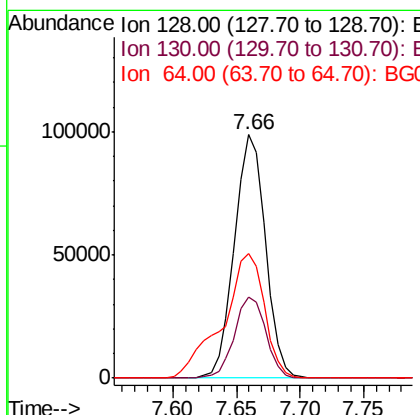
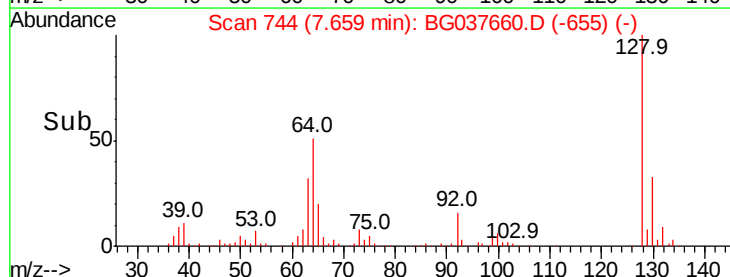
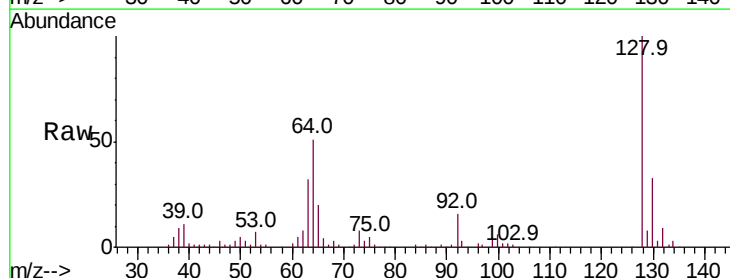
RT: 7.66 min Scan# 744

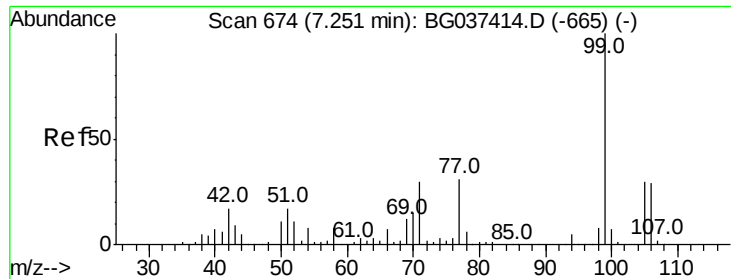
Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:	128	Resp:	167779
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.0	52.0
64	51.1	32.9	72.9





#9

Benzaldehyde

Concen: 29.186 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

Tot Ion: 77 Resp: 88597

Ion Ratio Lower Upper

77 100

105 95.0 72.6 112.6

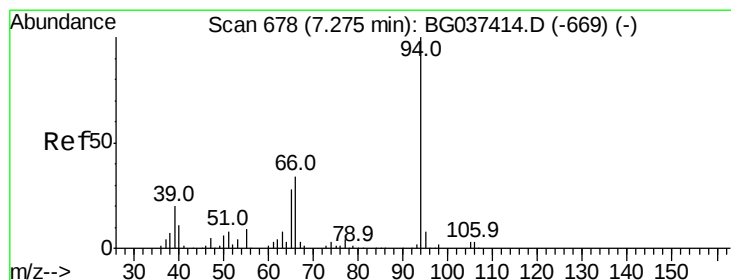
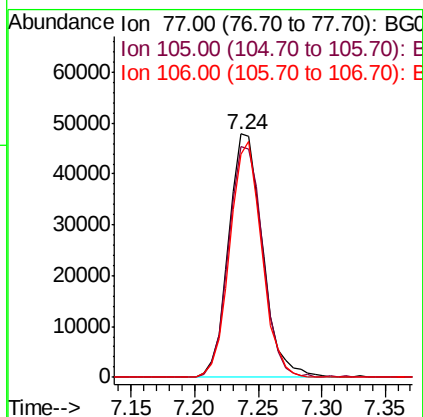
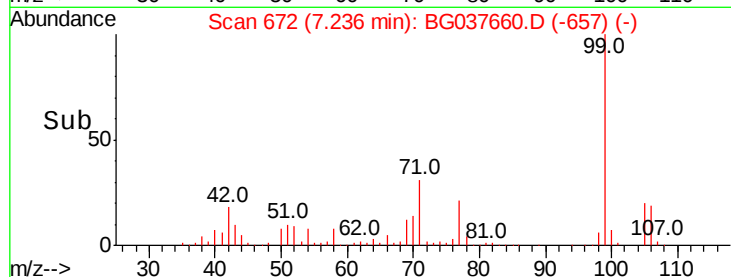
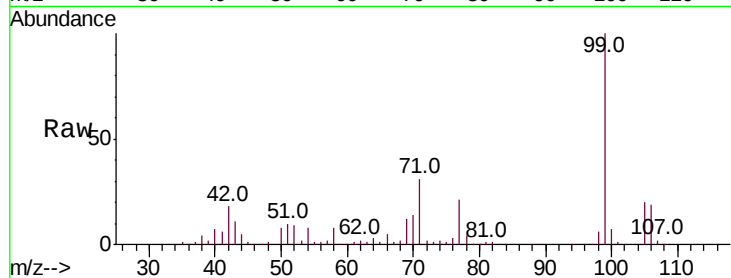
106 91.5 71.3 111.3

Manual Integrations

APPROVED

Sohil

10/31/2018 11:54:15 AM



#10

Phenol

Concen: 44.763 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

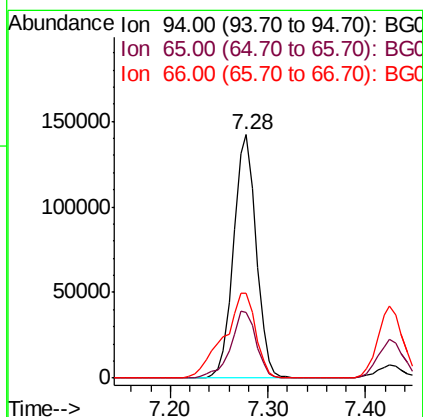
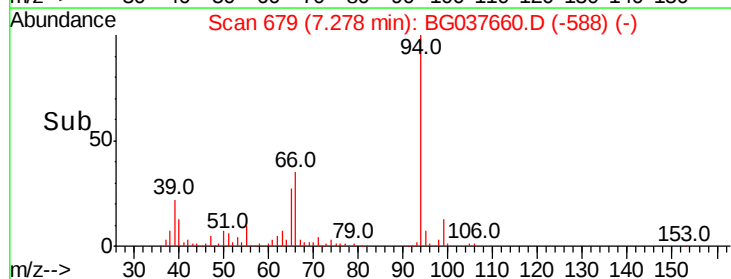
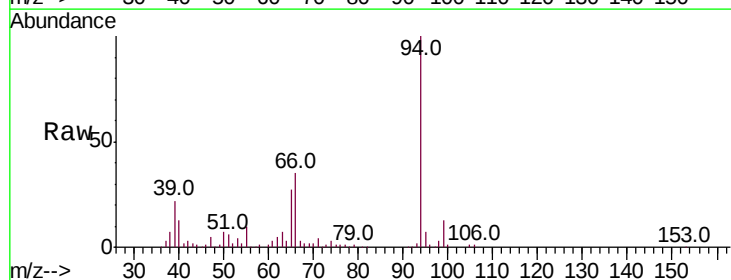
Tgt Ion: 94 Resp: 229195

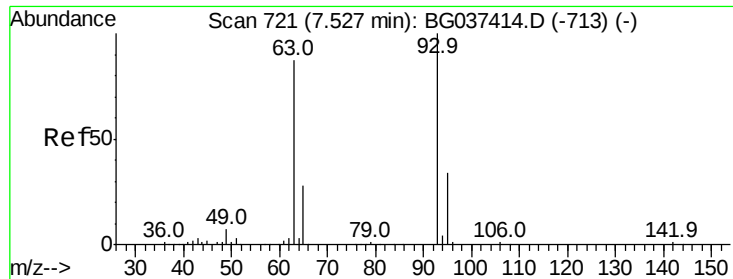
Ion Ratio Lower Upper

94 100

65 26.8 9.7 49.7

66 34.7 15.9 55.9





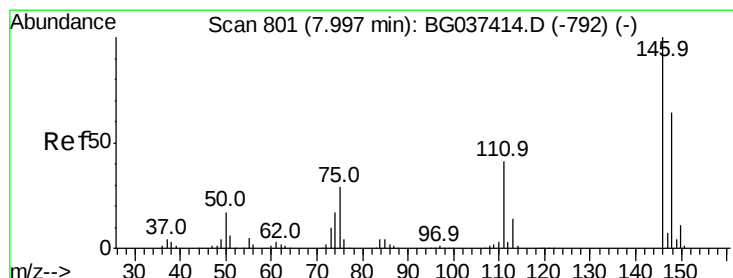
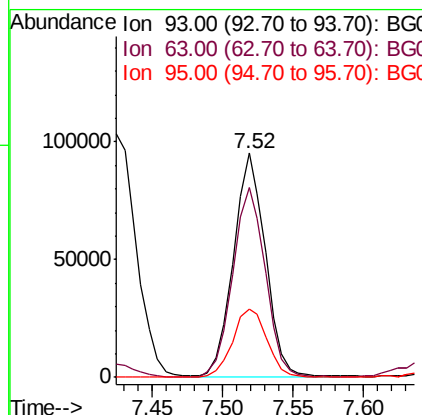
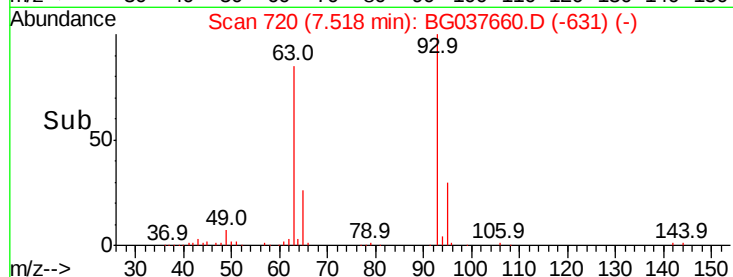
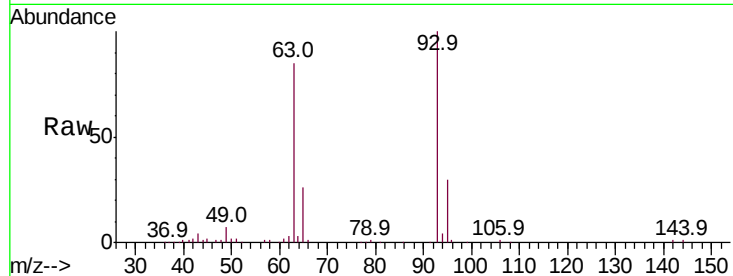
#11
bis(2-Chloroethyl)ether
Concen: 38.666 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion:	93	Resp:	150366
Ion Ratio	Lower	Upper	
93	100		
63	84.7	69.5	109.5
95	30.4	12.6	52.6

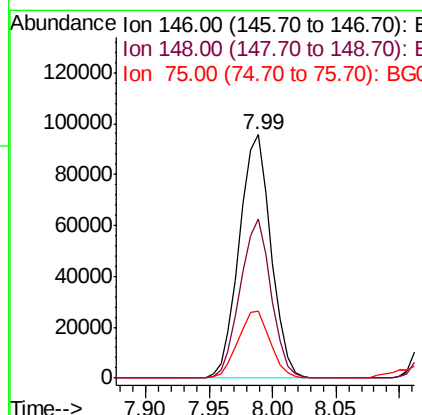
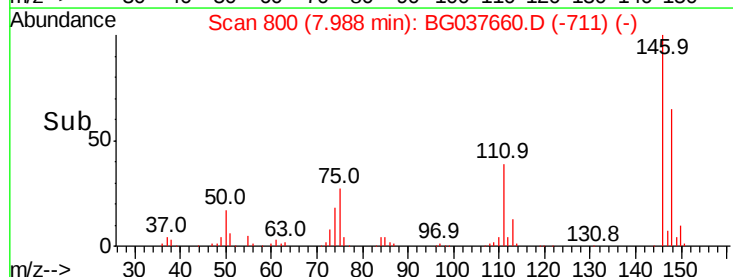
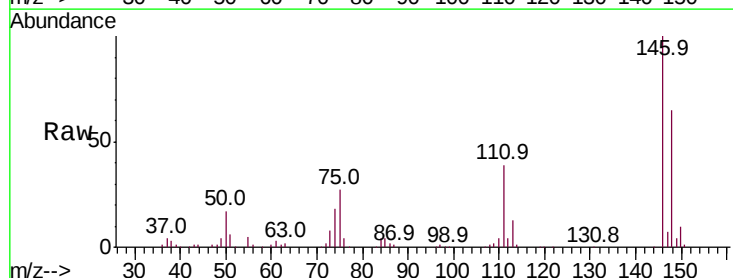
Manual Integrations
APPROVED

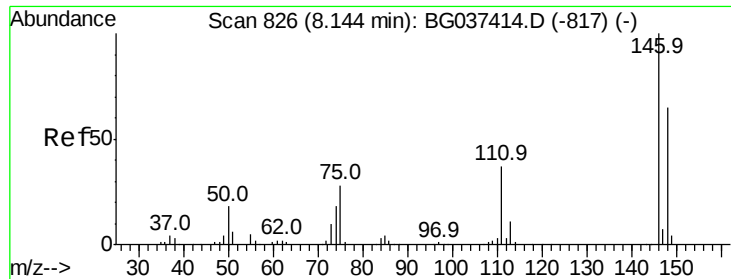
Sohil
10/31/2018 11:54:15 AM



#12
1,3-Dichlorobenzene
Concen: 39.702 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion:	146	Resp:	165939
Ion Ratio	Lower	Upper	
146	100		
148	65.2	49.8	74.8
75	27.4	23.2	34.8





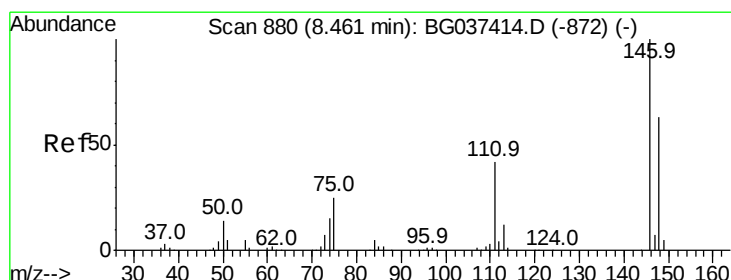
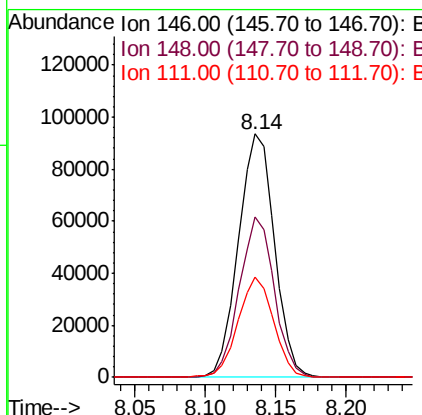
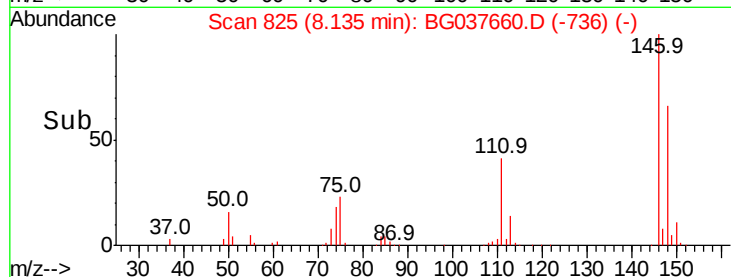
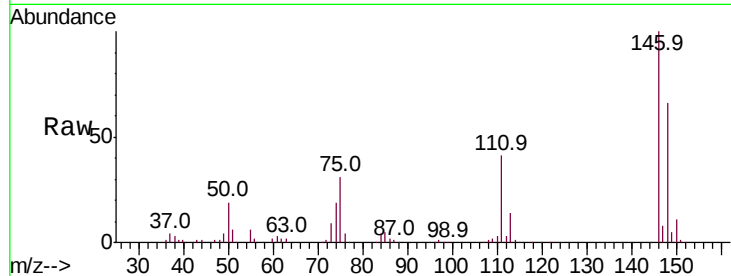
#13
 1,4-Dichlorobenzene
 Concen: 39.008 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.0	76.6
111	41.0	32.4	48.6

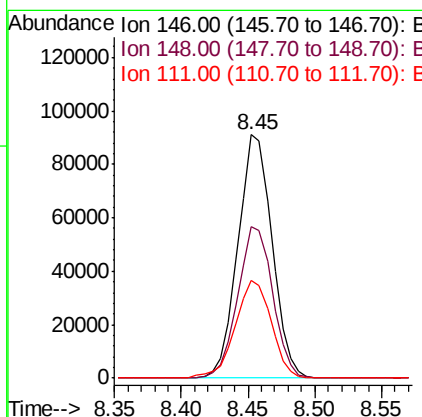
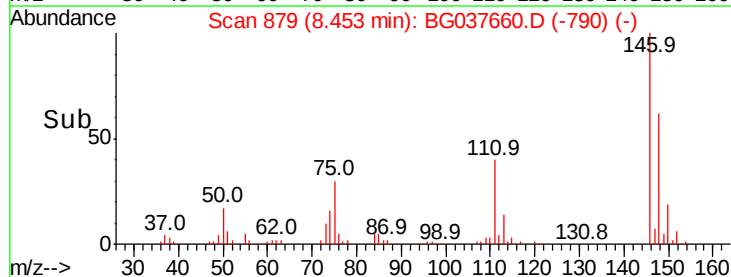
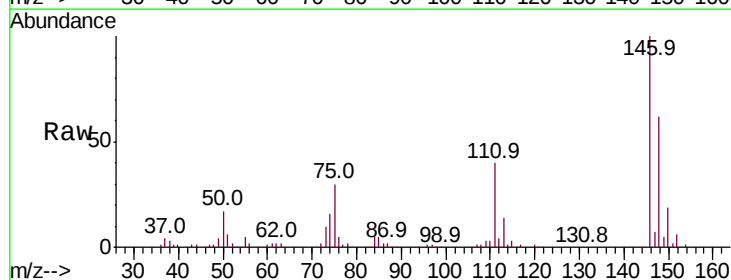
Manual Integrations
 APPROVED

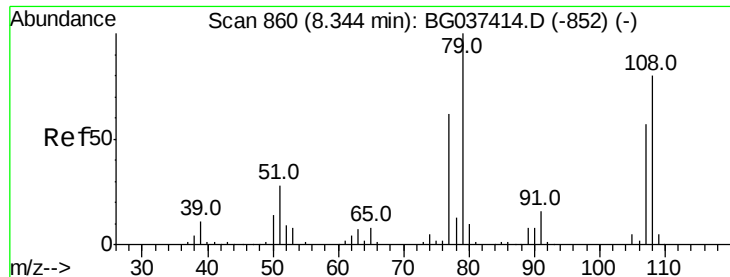
Sohil
 10/31/2018 11:54:15 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.196 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.4	75.6
111	40.1	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.124 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

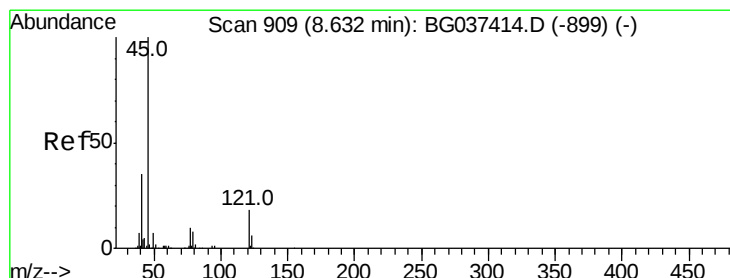
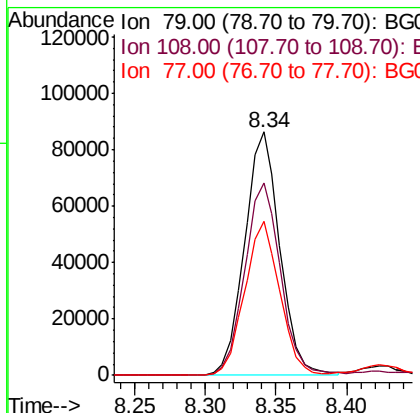
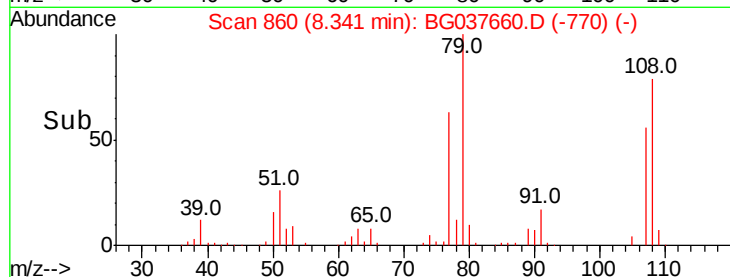
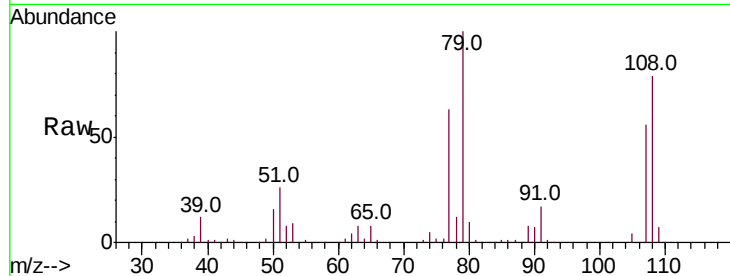
ClientSampleId :

PB114322BSD

Tot Ion:	79	Resp:	151044
Ion Ratio	Lower	Upper	
79	100		
108	78.8	65.8	98.8
77	63.3	52.9	79.3

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.064 ng

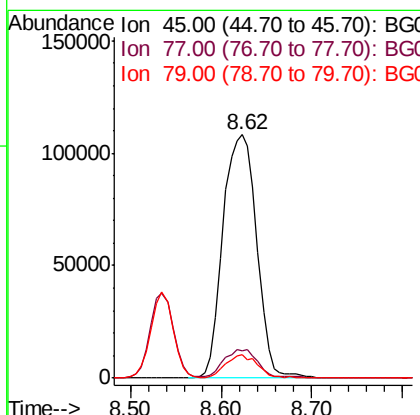
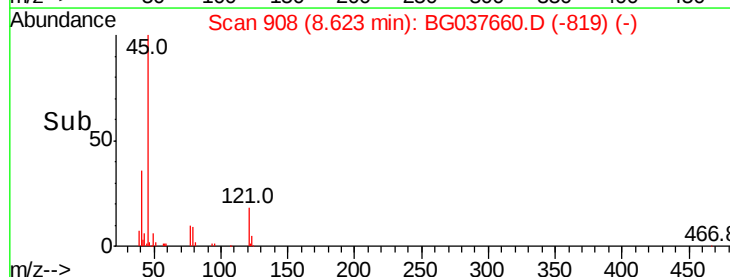
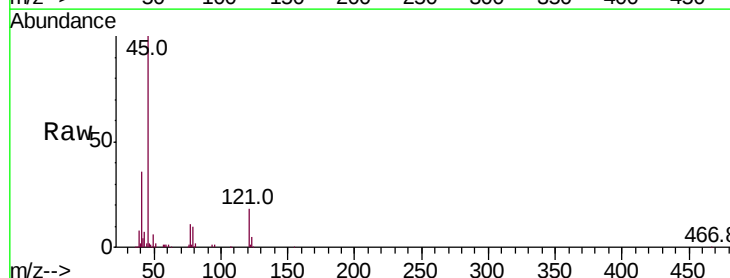
RT: 8.62 min Scan# 908

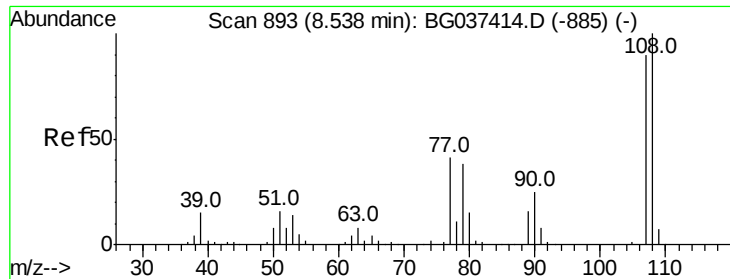
Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:	45	Resp:	278771
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	30.0
79	9.5	0.0	29.0





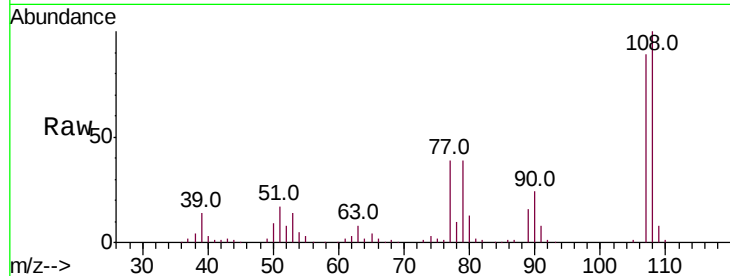
#17
2-Methylphenol
Concen: 45.361 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleID :
PB114322BSD

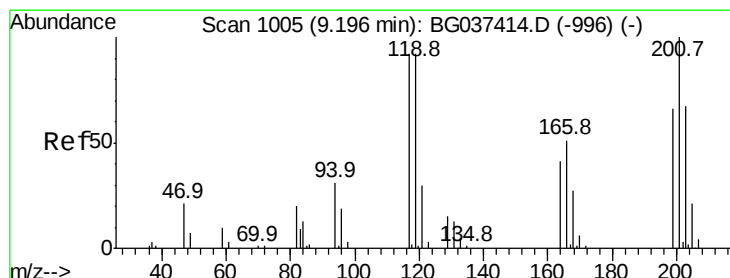
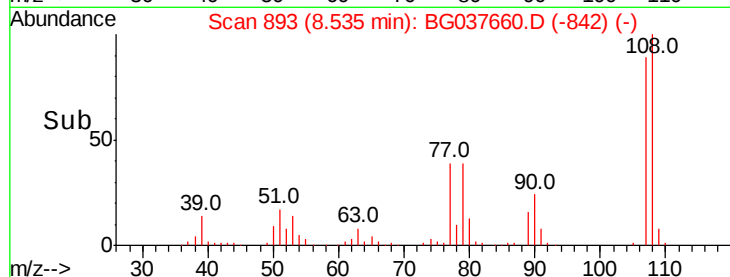
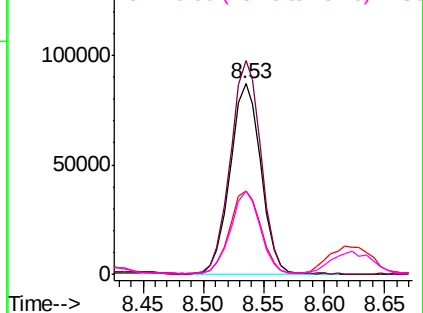
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	87.9	131.9	
77	43.7	35.1	52.7	
79	43.9	34.5	51.7	

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



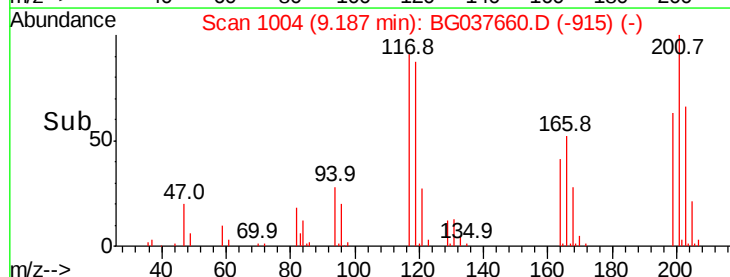
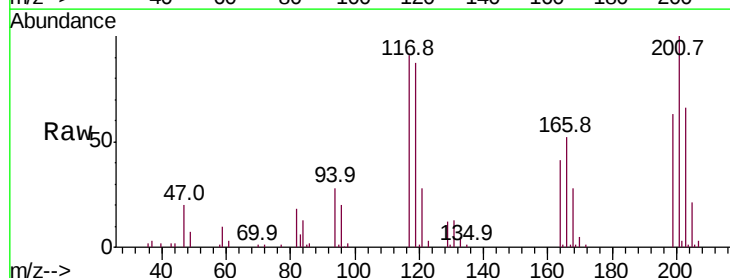
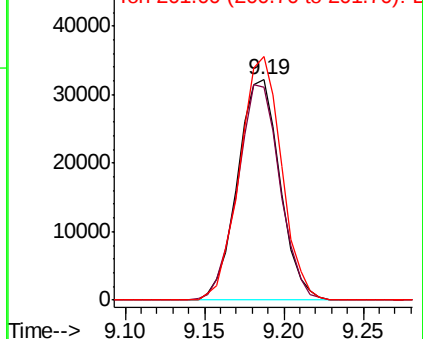
Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

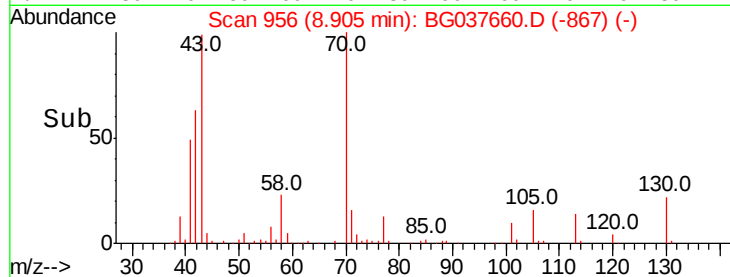
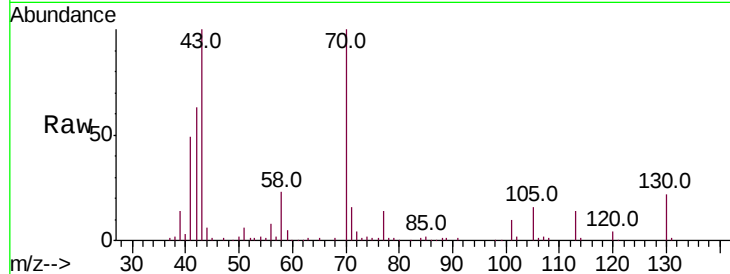
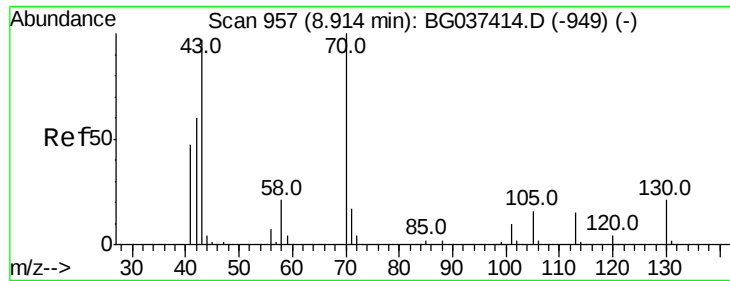


#18
Hexachloroethane
Concen: 41.000 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	74.6	111.8	
201	113.7	80.8	121.2	

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





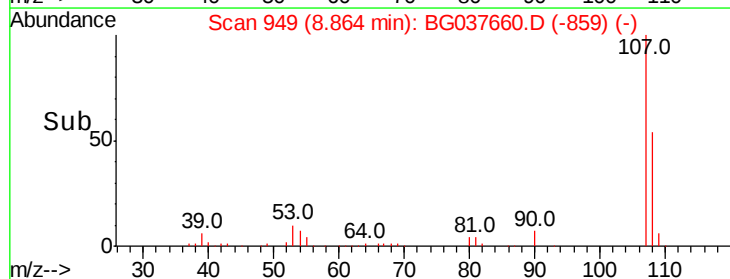
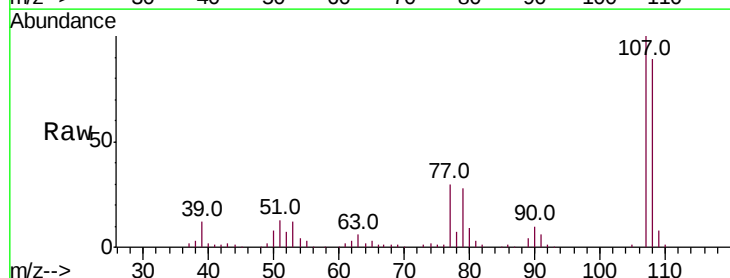
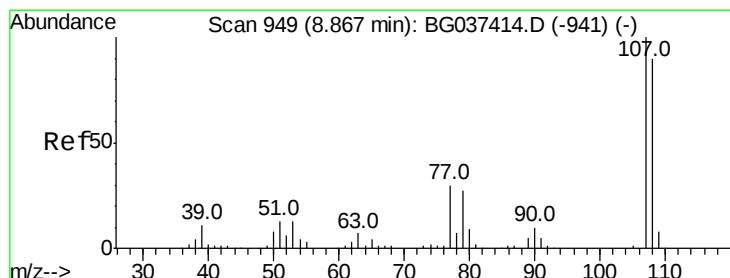
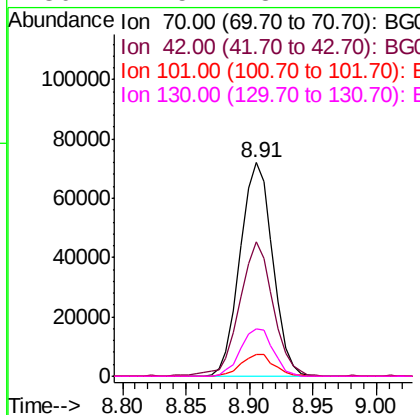
#19
n-Nitroso-di-n-propylamine
Concen: 38.391 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.9	53.9	80.9	
101	10.0	8.2	12.2	
130	22.5	18.2	27.4	

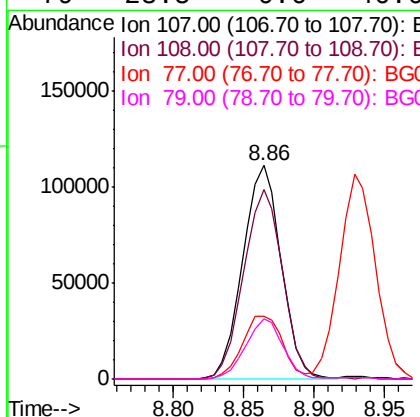
Manual Integrations
APPROVED

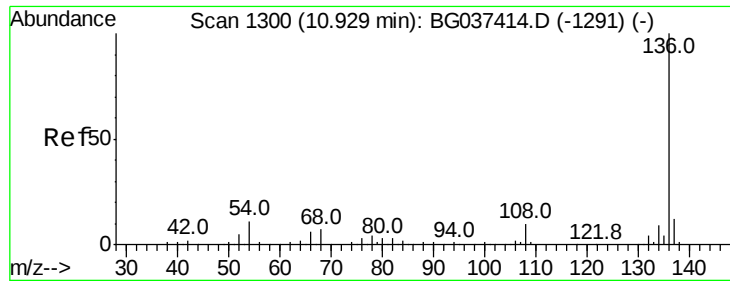
Sohil
10/31/2018 11:54:15 AM



#20
3+4-Methylphenols
Concen: 44.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	69.9	109.9	
77	29.7	11.2	51.2	
79	28.5	6.6	46.6	





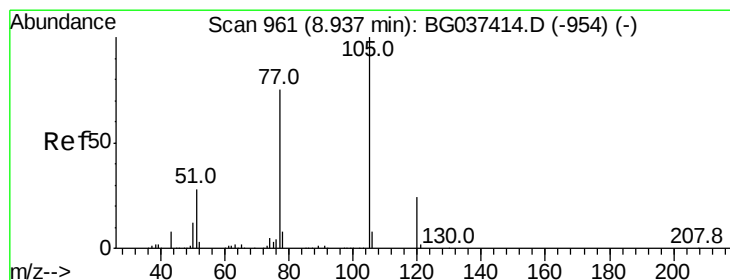
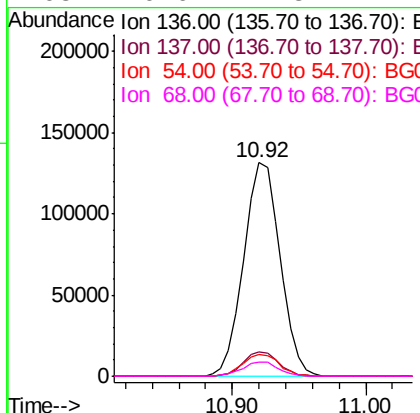
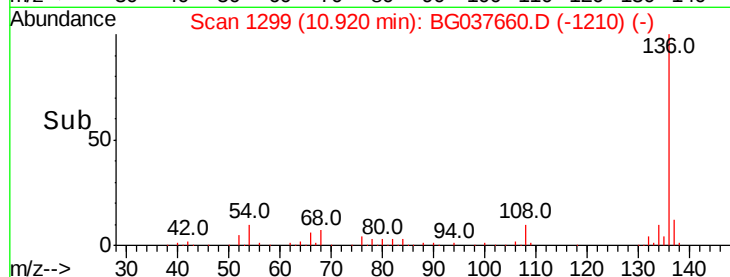
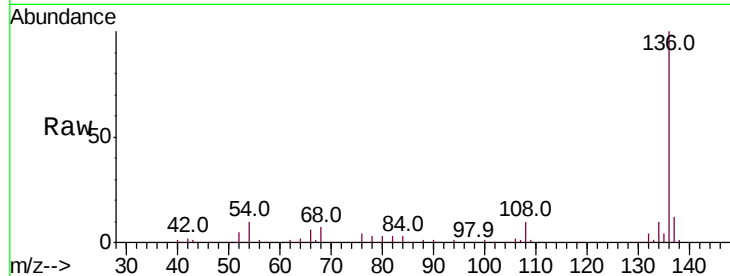
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	248062		
137	11.6		9.6	14.4
54	9.9		7.9	11.9
68	6.6		4.8	7.2

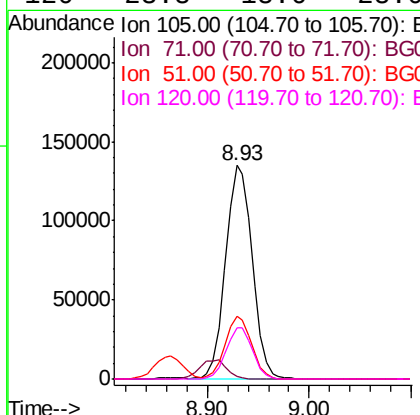
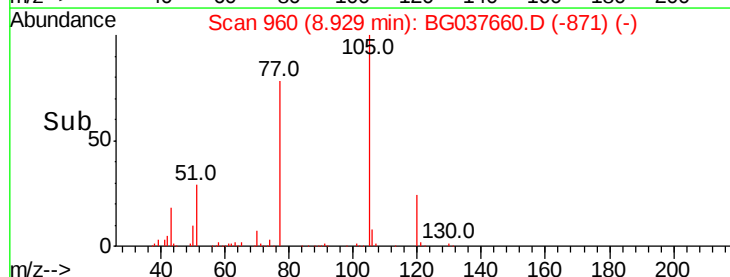
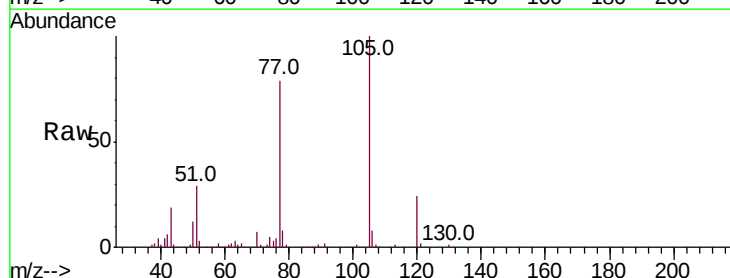
Manual Integrations
APPROVED

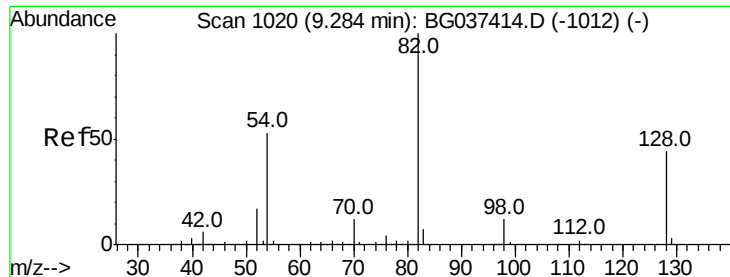
Sohil
10/31/2018 11:54:15 AM



#22
Acetophenone
Concen: 39.463 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	245513		
71	1.1		1.2	1.8#
51	29.1		25.0	37.6
120	23.8		18.6	28.0





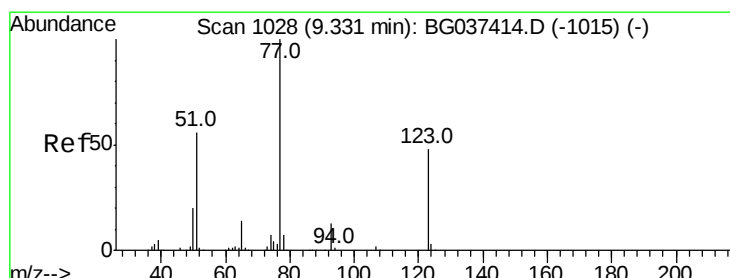
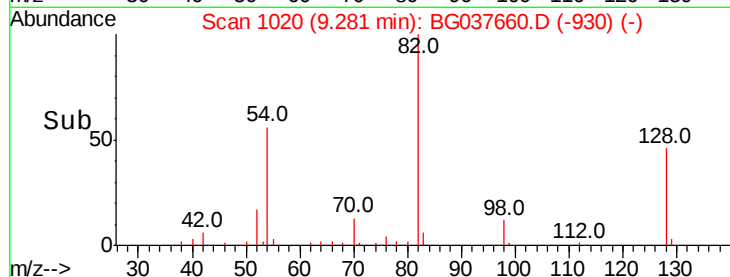
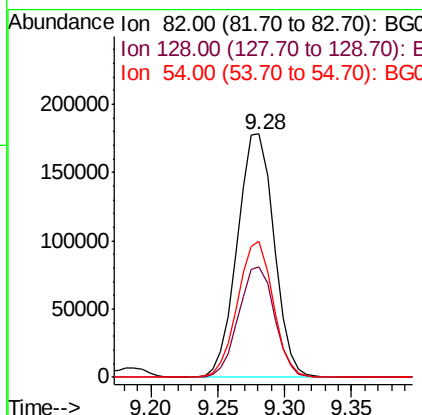
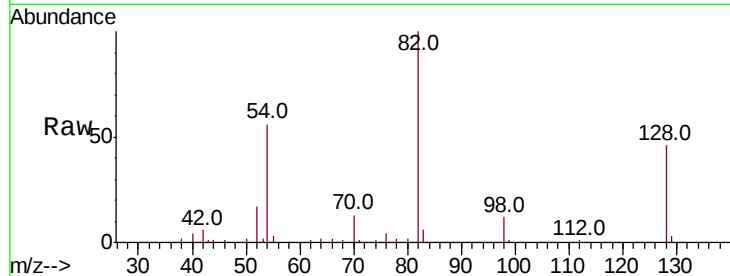
#23
Nitrobenzene-d5
Concen: 76.785 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	56.0	45.3	67.9

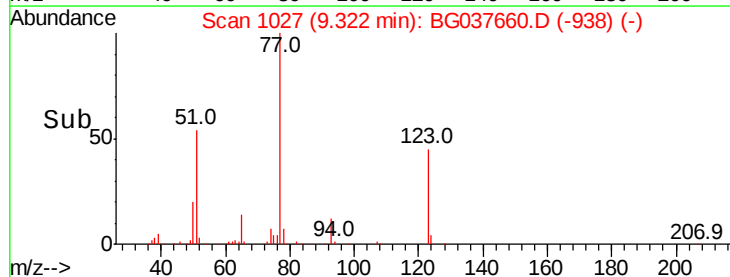
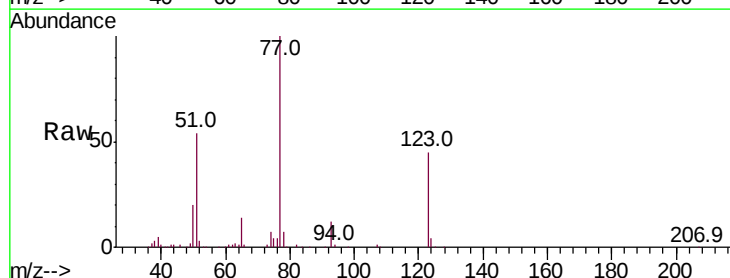
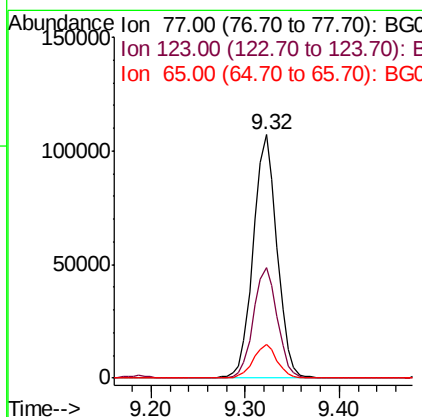
Manual Integrations
APPROVED

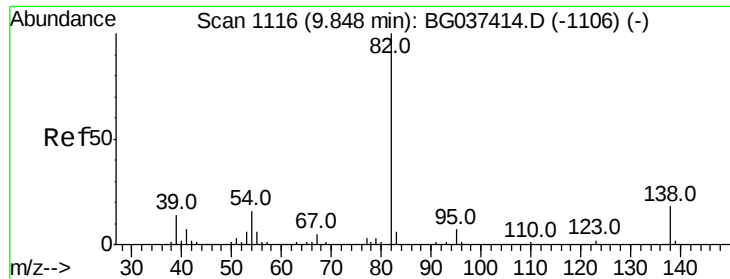
Sohil
10/31/2018 11:54:15 AM



#24
Nitrobenzene
Concen: 40.873 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	33.6	50.4
65	13.9	11.3	16.9





#25

Isophorone

Concen: 45.172 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

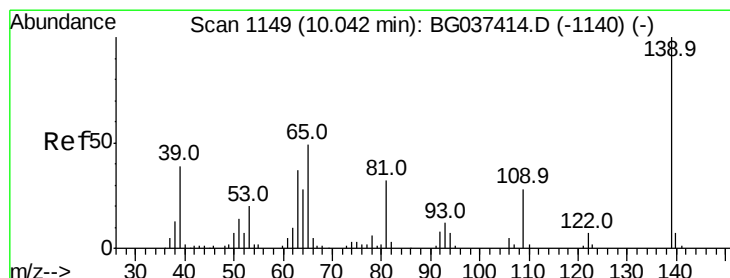
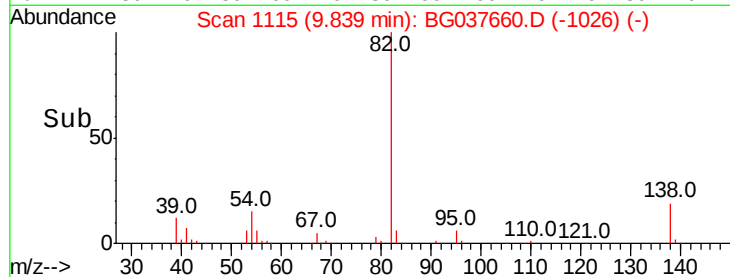
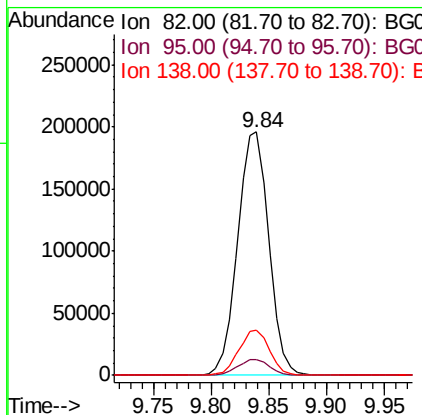
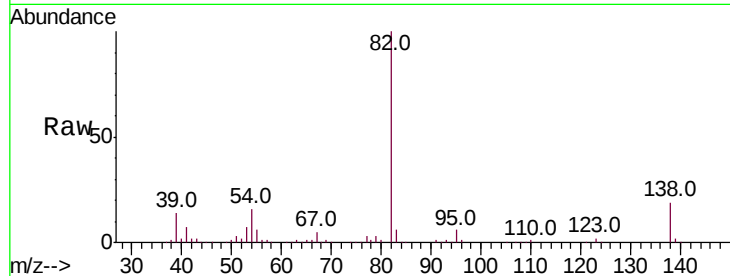
ClientSampleId :

PB114322BSD

Tot Ion:	82	Resp:	365488
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.3	7.9
138	18.7	13.3	19.9

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#26

2-Nitrophenol

Concen: 44.943 ng

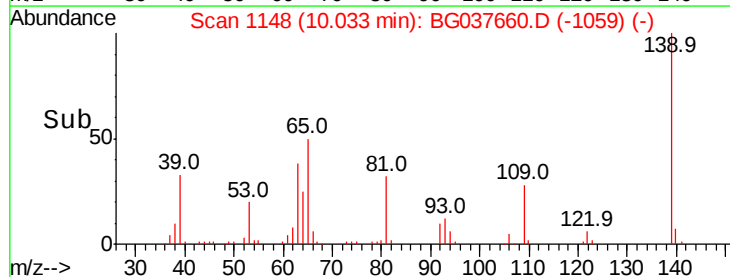
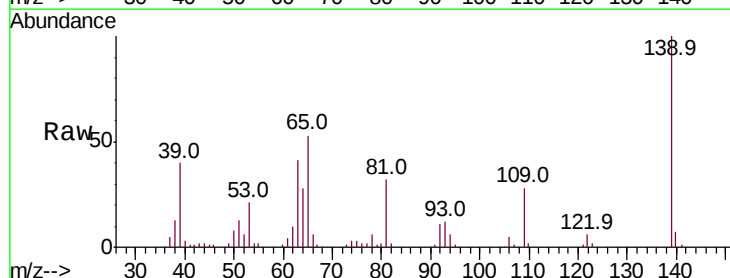
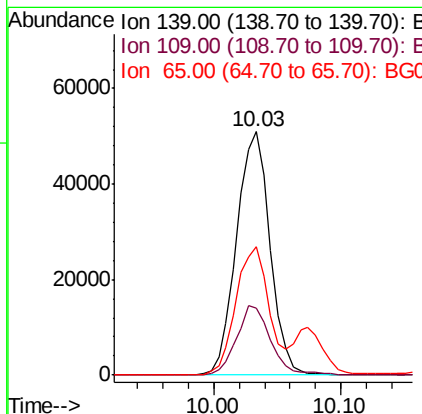
RT: 10.03 min Scan# 1148

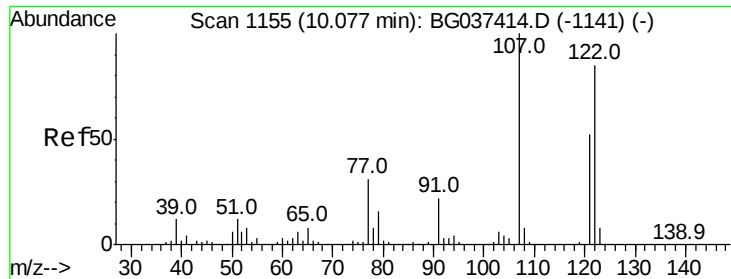
Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:	139	Resp:	93138
Ion Ratio	Lower	Upper	
139	100		
109	27.6	23.3	34.9
65	52.9	39.8	59.8





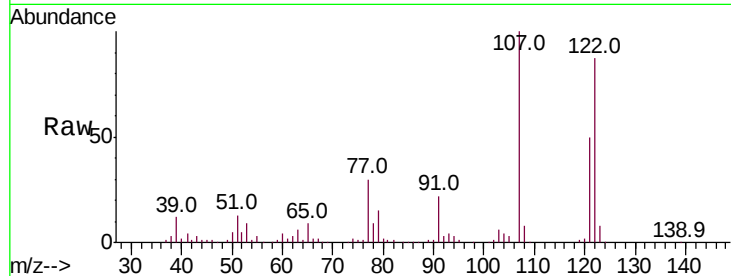
#27
2,4-Dimethylphenol
Concen: 48.973 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	181208		
107	115.3	94.2	141.2	
121	58.2	47.3	70.9	

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM

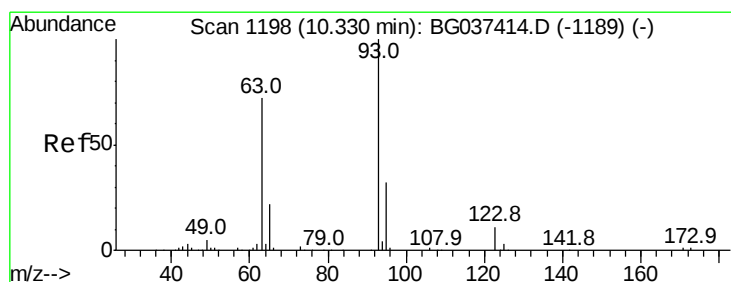
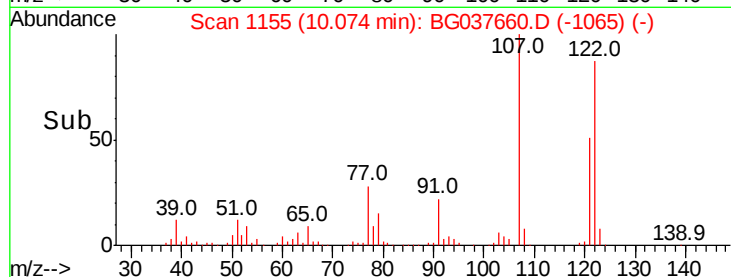
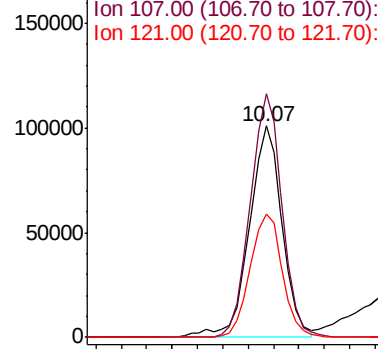


Abundance

Ion 122.00 (121.70 to 122.70): E

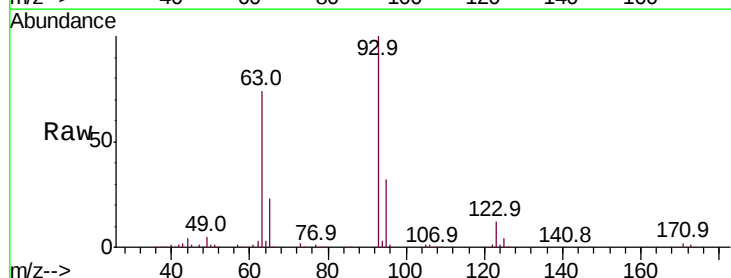
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.013 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	222715		
95	31.9	24.6	37.0	
123	11.7	9.1	13.7	

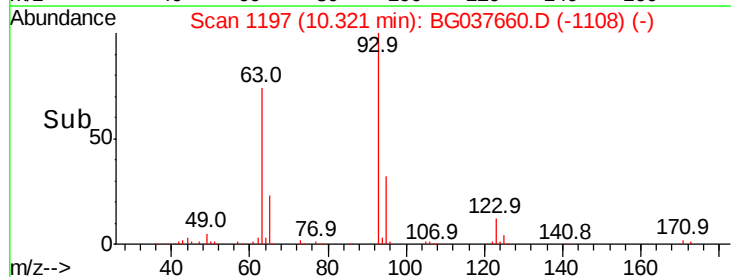
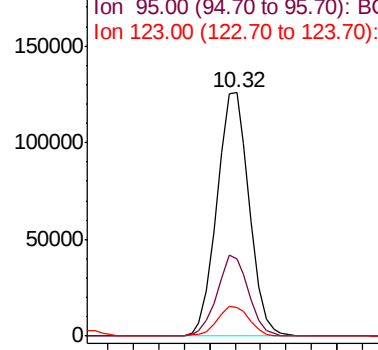


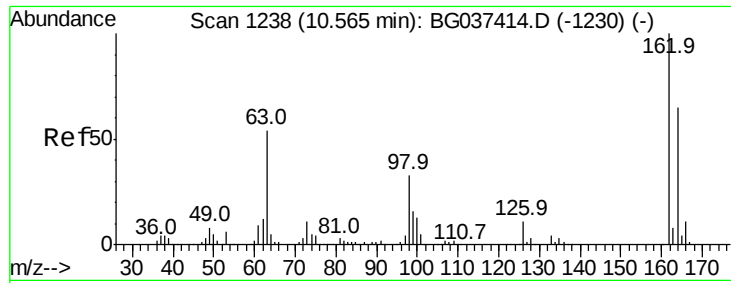
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





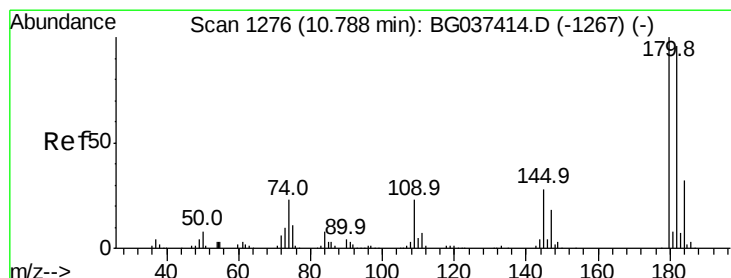
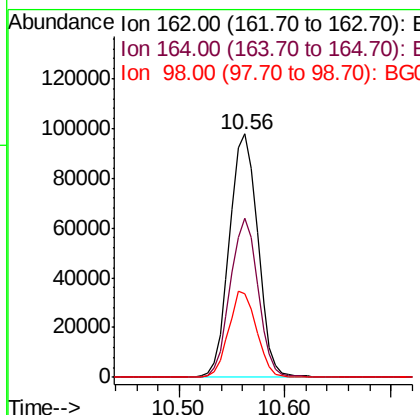
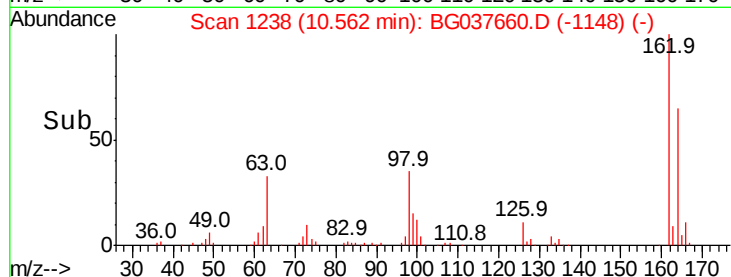
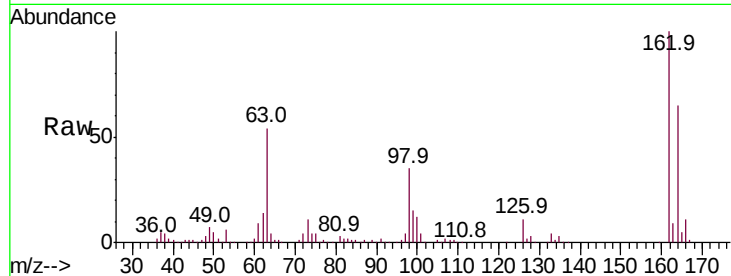
#29
 2,4-Dichlorophenol
 Concen: 44.197 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.3	43.2	83.2
98	34.5	16.0	56.0

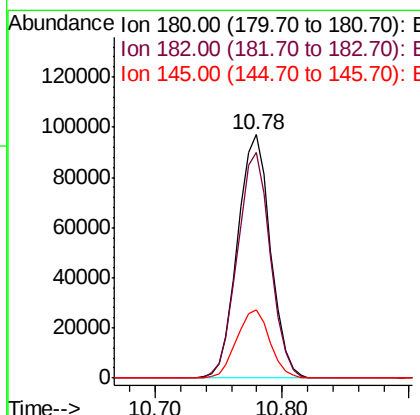
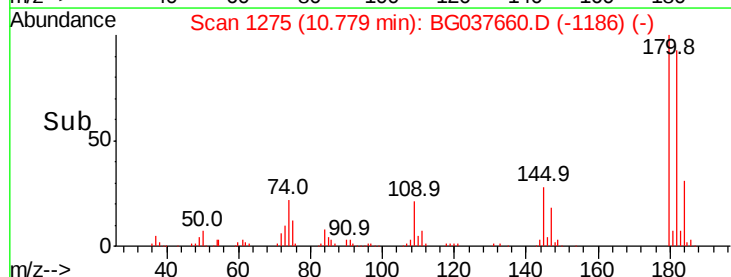
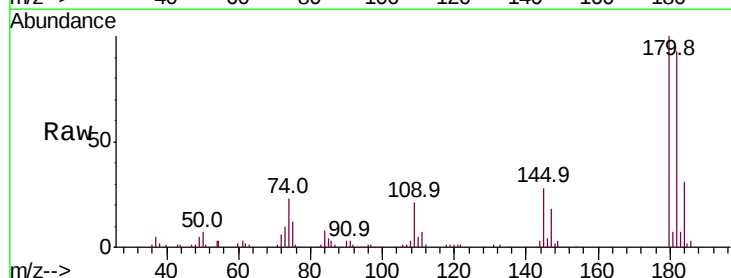
Manual Integrations
 APPROVED

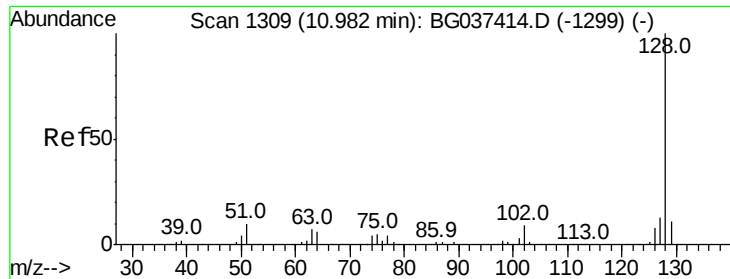
Sohil
 10/31/2018 11:54:15 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.863 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.9	77.7	116.5
145	27.9	23.3	34.9





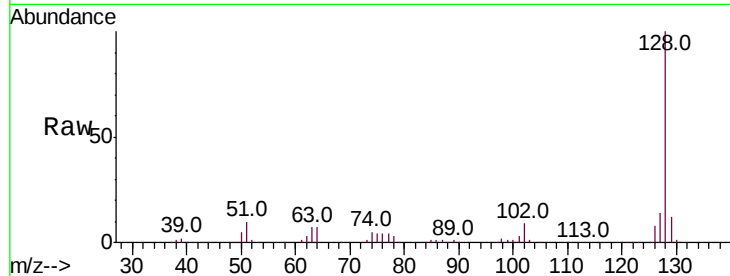
#31
Naphthalene
Concen: 42.457 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.9	9.0	13.6	
127	14.1	11.1	16.7	

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM

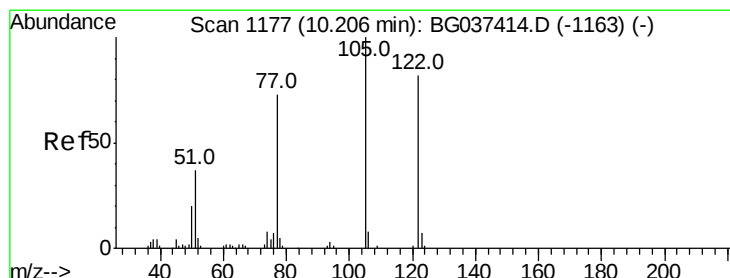
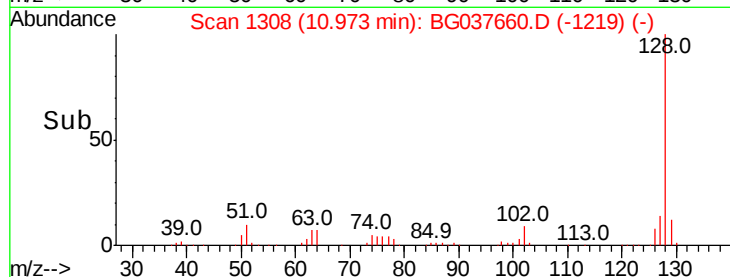
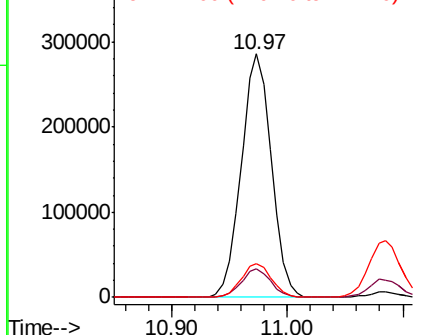


Abundance

Ion 128.00 (127.70 to 128.70): E

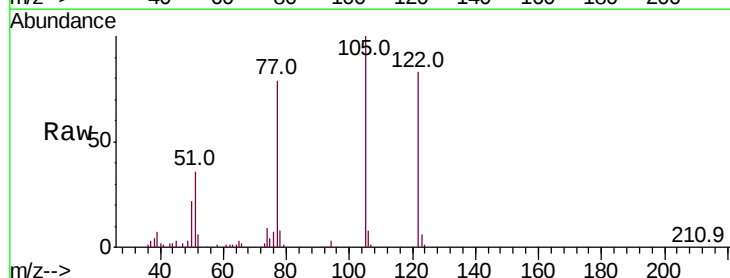
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 51.207 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.0	106.7	146.7	
77	95.3	72.2	112.2	

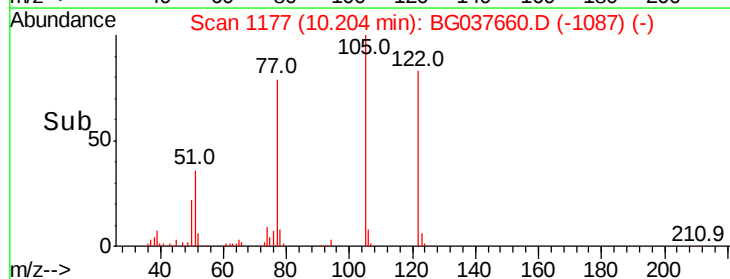
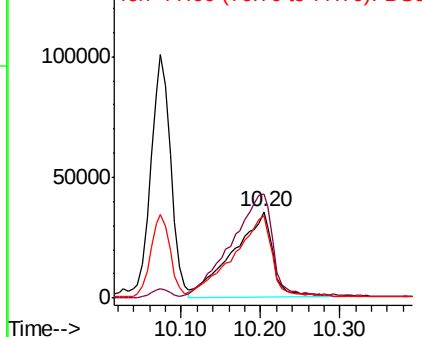


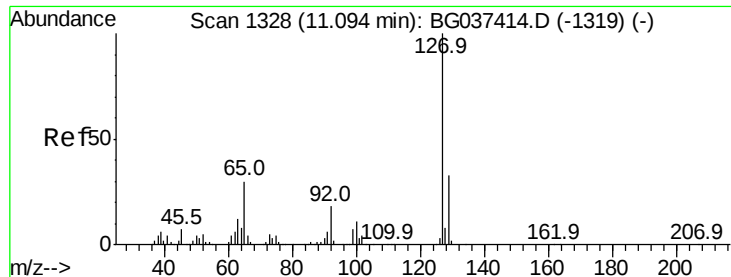
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





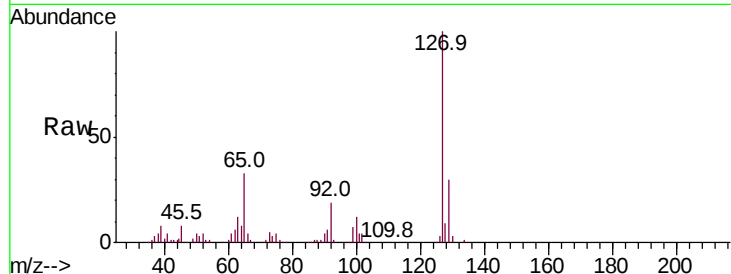
#33
4-Chloroaniline
Concen: 22.707 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

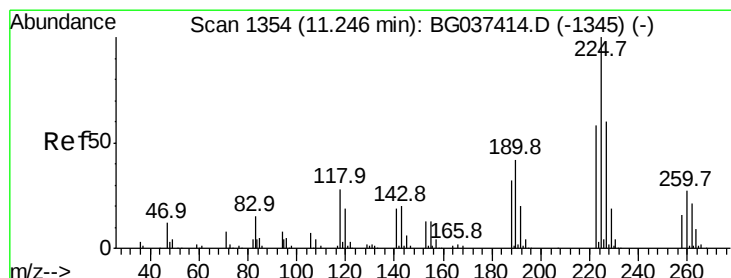
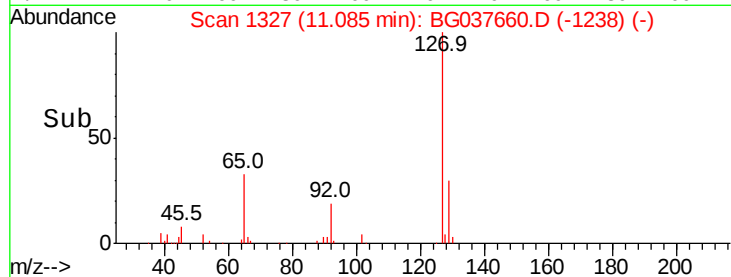
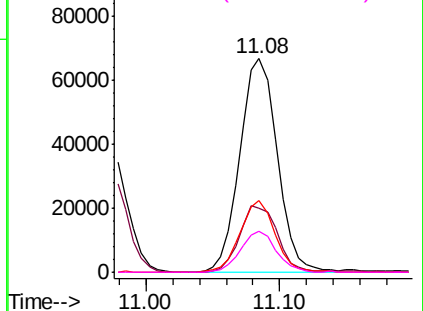
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.1	27.1	40.7	
65	33.3	26.6	39.8	
92	18.9	16.4	24.6	

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM

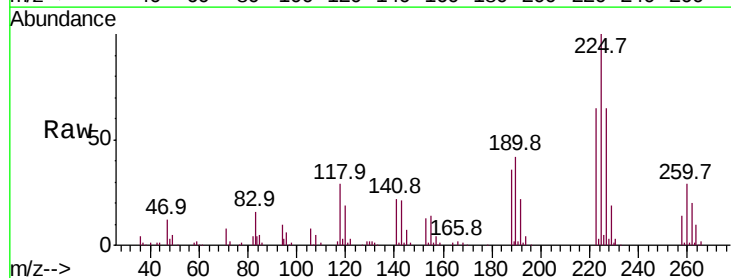


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

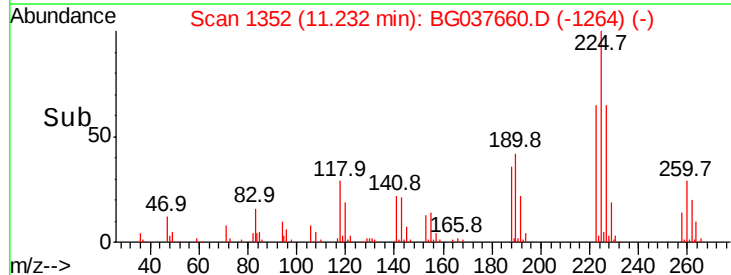
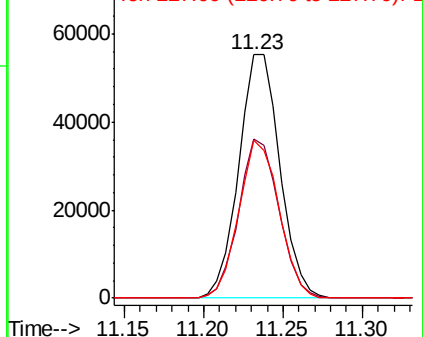


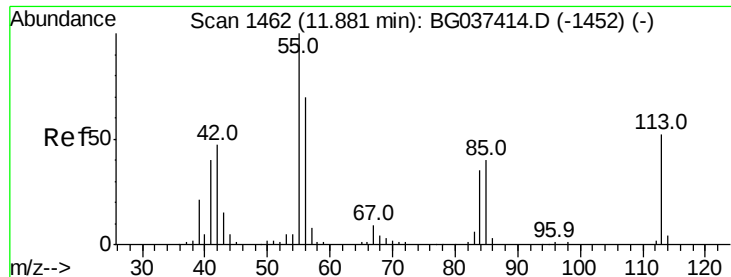
#34
Hexachlorobutadiene
Concen: 37.475 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	48.2	72.4	
227	64.9	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: 40.960 ng/mL

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleID :

PB114322BSD

Tot Ion:113 Resp: 67678

Ion Ratio Lower Upper

113 100

55 193.3 176.6 216.6

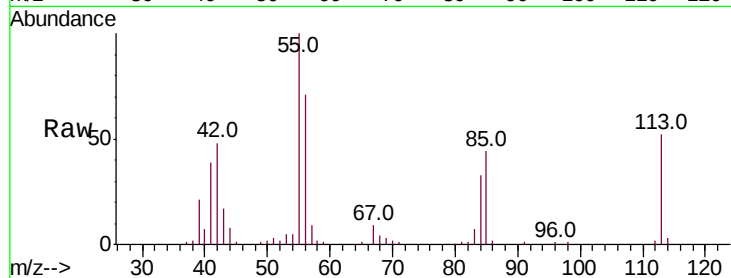
56 136.7 128.3 168.3

Manual Integrations

APPROVED

Sohil

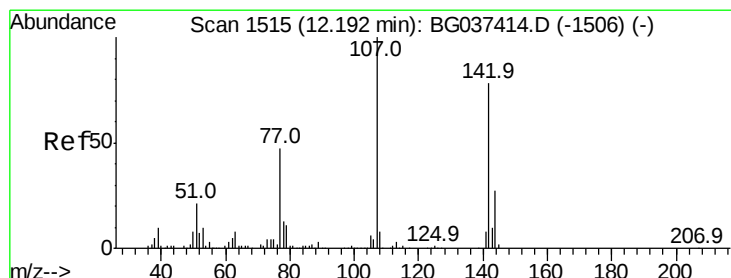
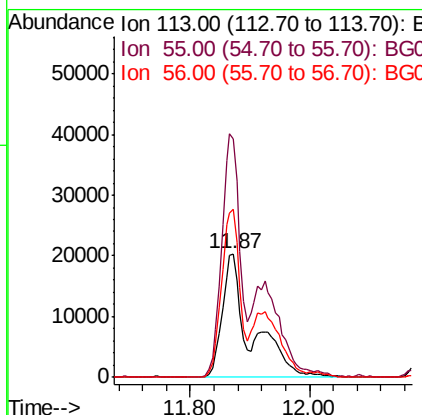
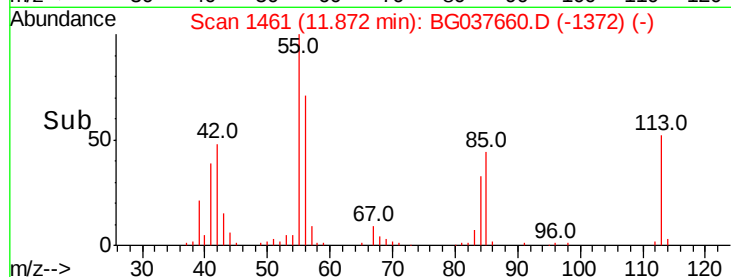
10/31/2018 11:54:15 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037660.D (-1452) (-)

Ion 56.00 (55.70 to 56.70): BG037660.D (-1452) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.319 ng/mL

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

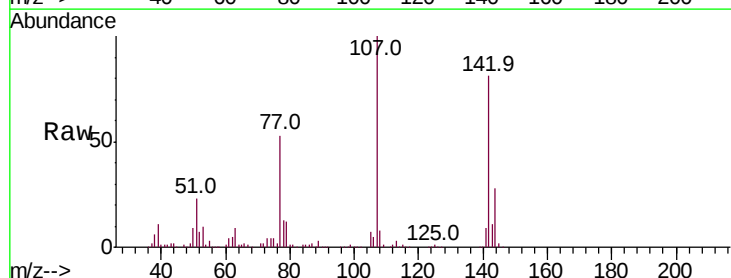
Tgt Ion:107 Resp: 201265

Ion Ratio Lower Upper

107 100

144 28.2 20.7 31.1

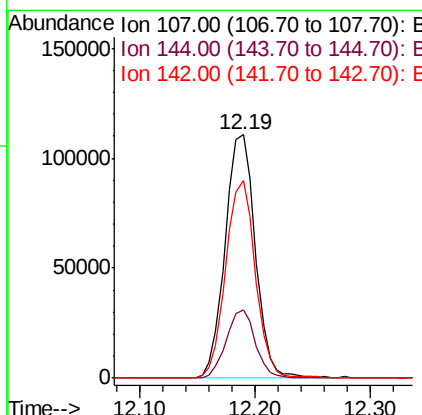
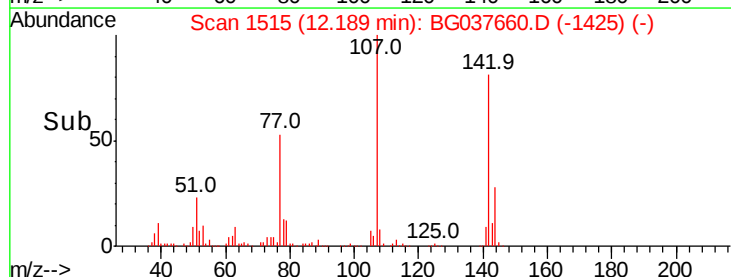
142 81.2 64.4 96.6

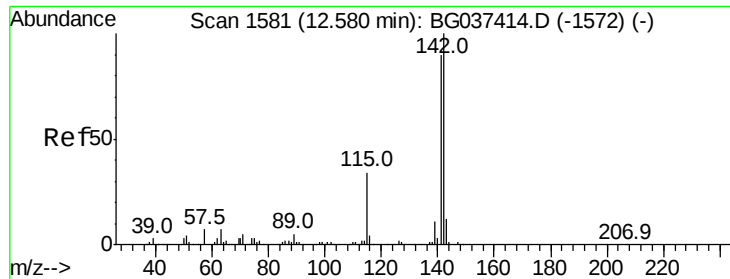


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





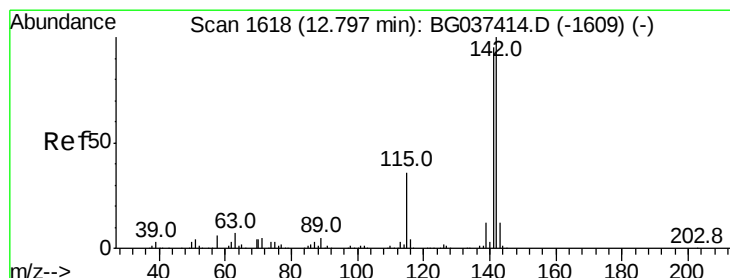
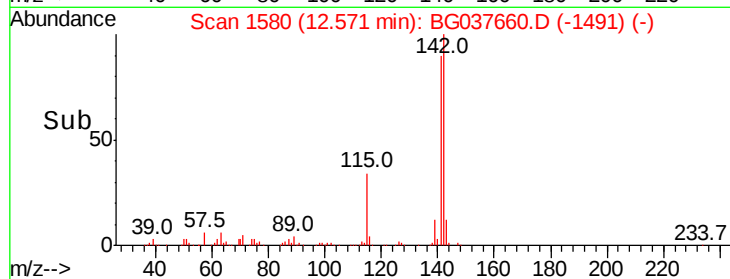
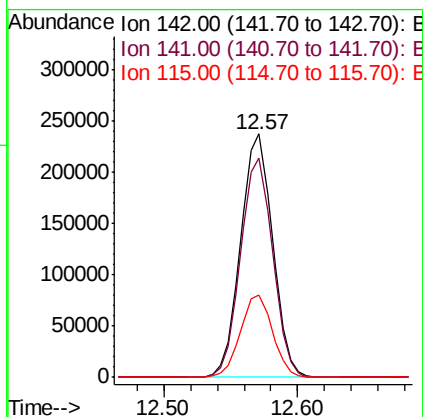
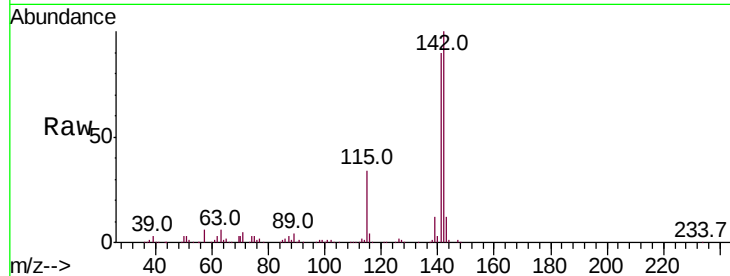
#37
 2-Methylnaphthalene
 Concen: 44.159 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	392206		
141	90.1	71.9	107.9	
115	33.8	27.8	41.8	

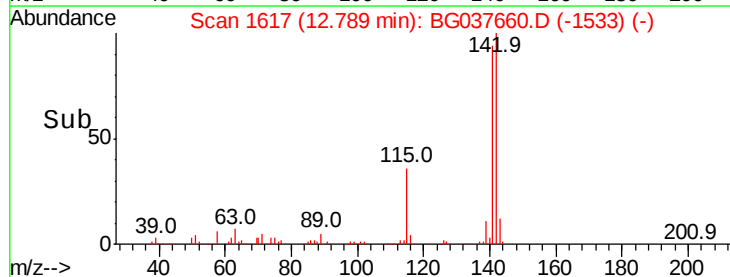
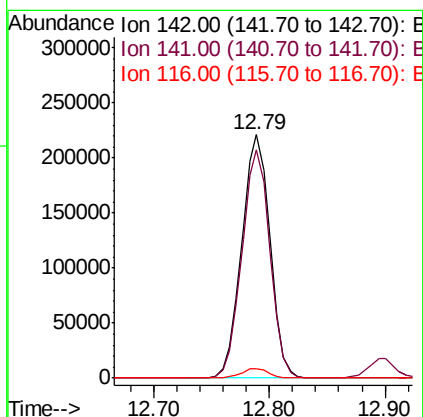
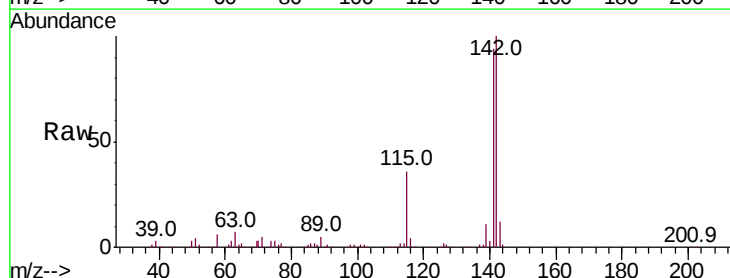
Manual Integrations
 APPROVED

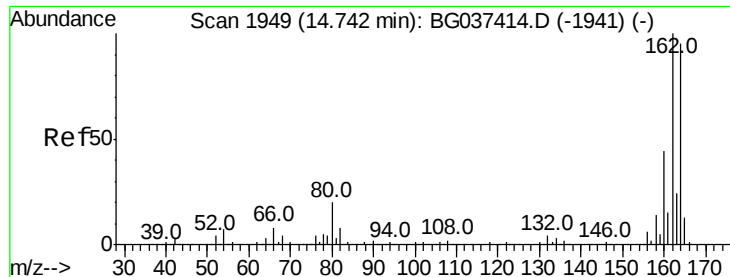
Sohil
 10/31/2018 11:54:15 AM



#38
 1-Methylnaphthalene
 Concen: 43.494 ng
 RT: 12.79 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	375158		
141	93.6	75.2	112.8	
116	4.1	3.3	4.9	





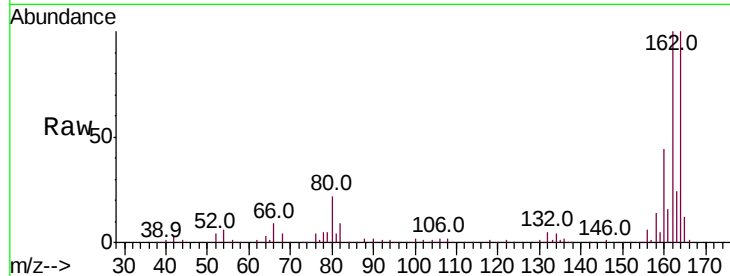
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	164188		
162	99.6	81.3	121.9	
160	43.9	36.3	54.5	

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM

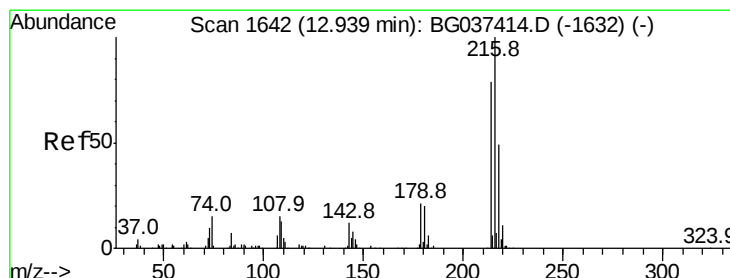
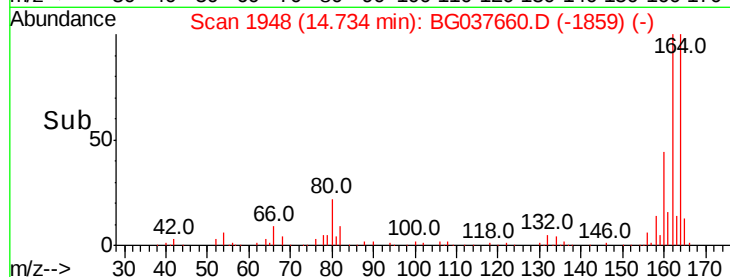
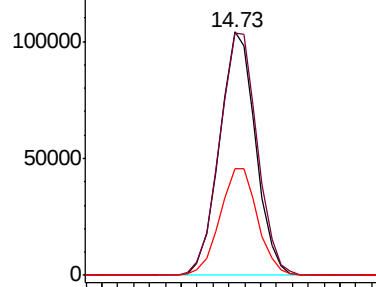


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.673 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	199513		
214	80.4	63.8	95.6	
179	21.3	17.4	26.0	
108	19.4	13.9	20.9	

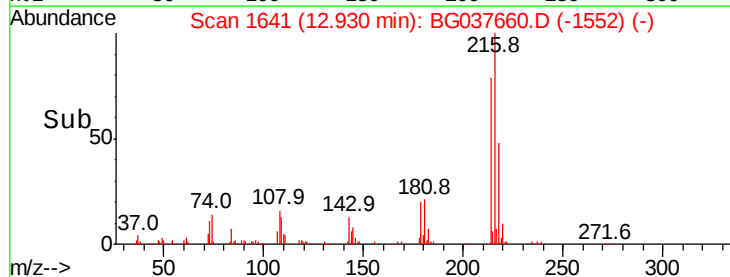
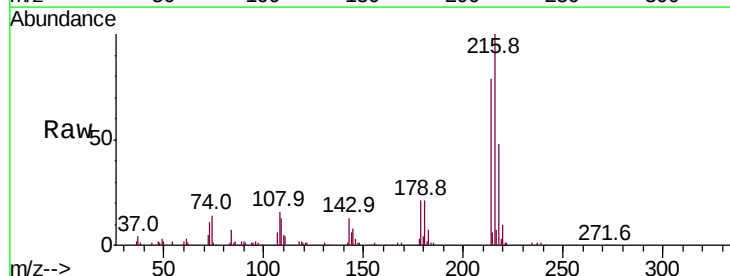
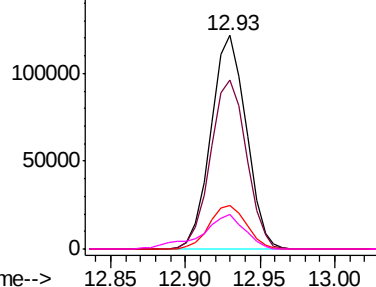
Abundance

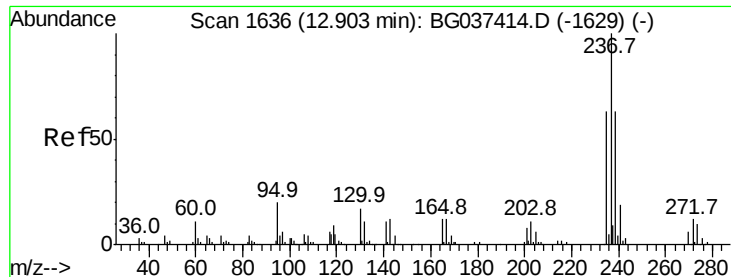
Ion 216.00 (215.70 to 216.70): E

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: 97.772 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

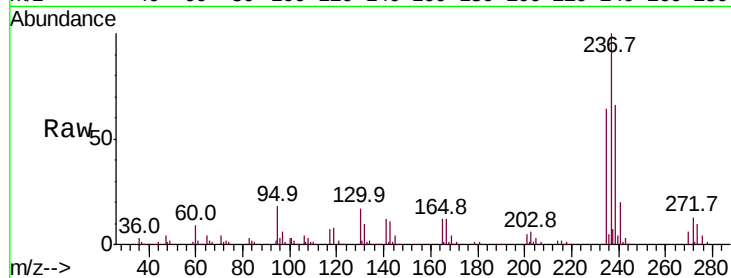
ClientSampleId :

PB114322BSD

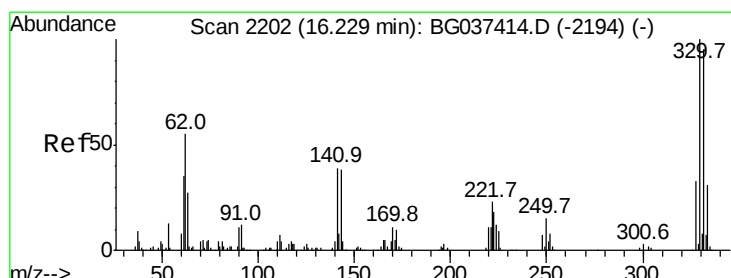
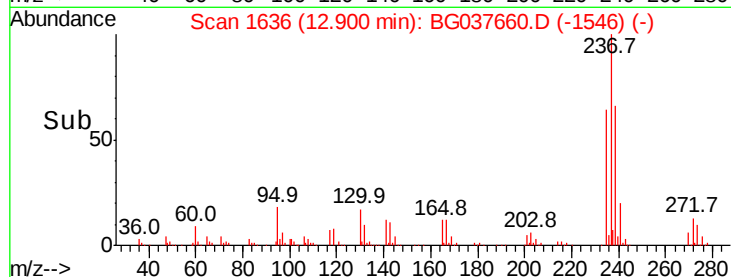
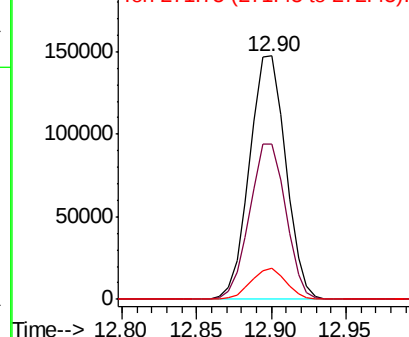
Tot Ion:	237	Resp:	247337
Ion Ratio	Lower	Upper	
237	100		
235	63.6	42.5	82.5
272	12.7	0.0	31.6

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



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



#42

2,4,6-Tribromophenol

Concen: 151.458 ng

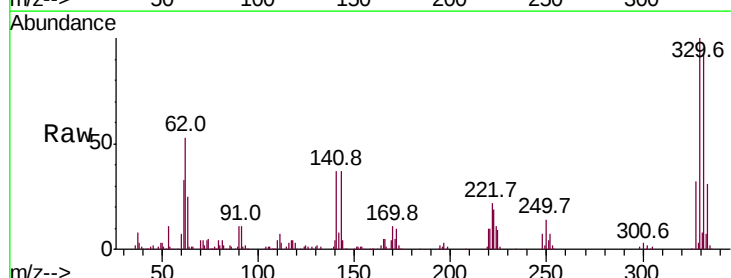
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

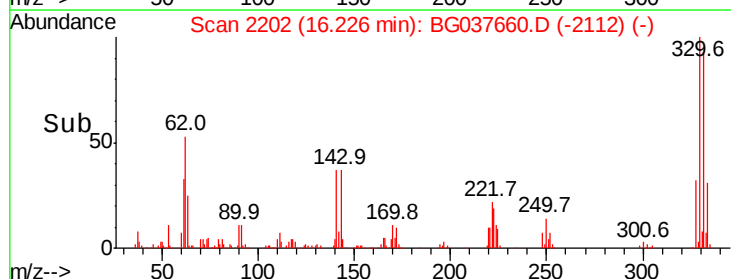
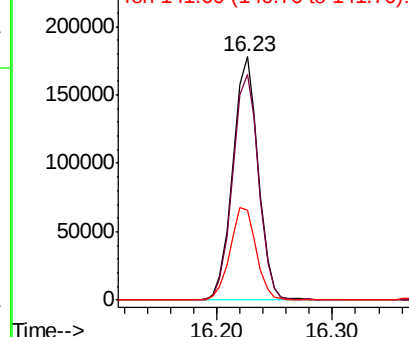
Lab File: BG037660.D

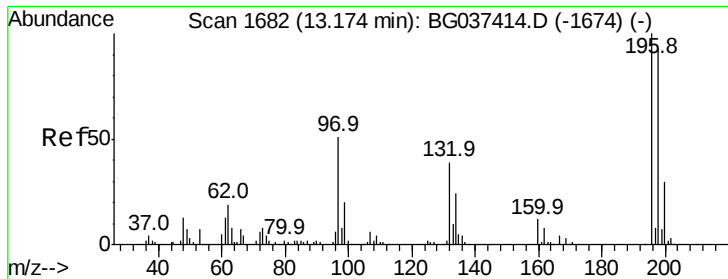
Acq: 30 Oct 2018 19:16

Tgt Ion:	330	Resp:	271228
Ion Ratio	Lower	Upper	
330	100		
332	94.7	78.4	117.6
141	39.0	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: 44.417 ng

RT: 13.17 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

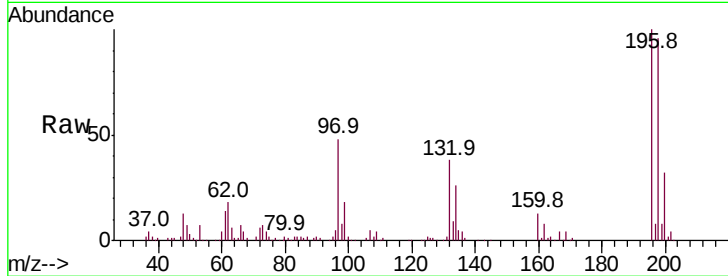
ClientSampled :

PB114322BSD

Tot Ion:	196	Resp:	157155
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.4	114.6
200	31.6	24.9	37.3

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM

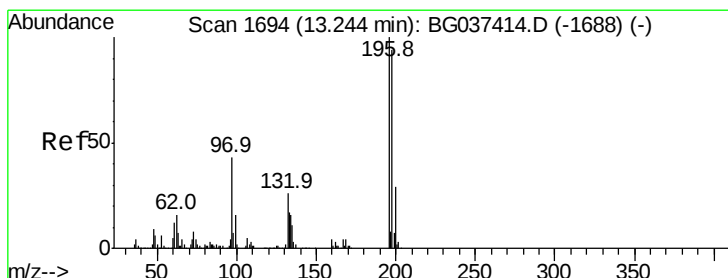
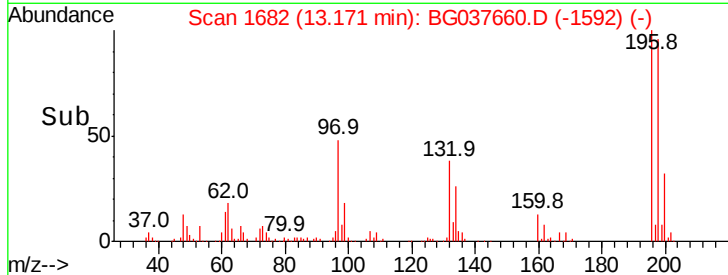
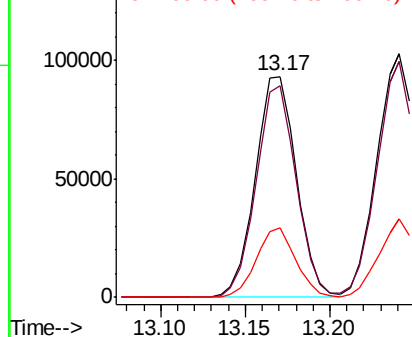


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.544 ng

RT: 13.24 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:	196	Resp:	171594
Ion Ratio	Lower	Upper	
196	100		
198	96.7	74.2	111.2
97	42.8	34.1	51.1
132	24.6	20.2	30.4

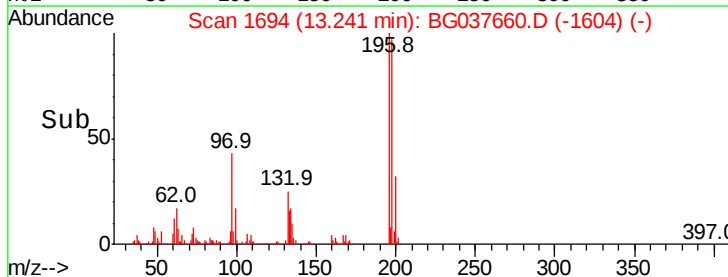
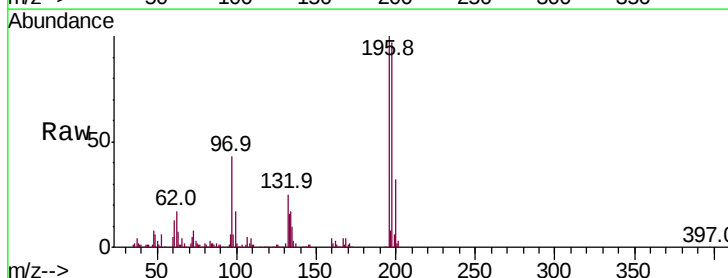
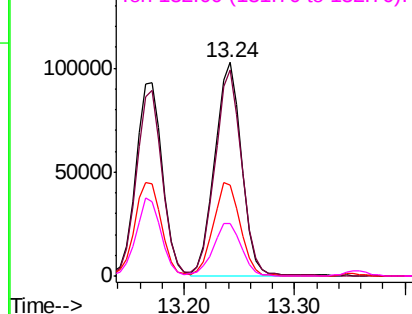
Abundance

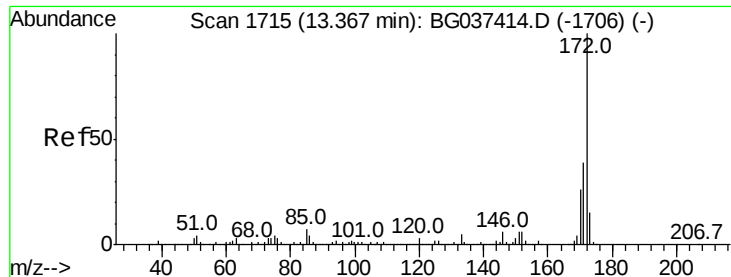
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





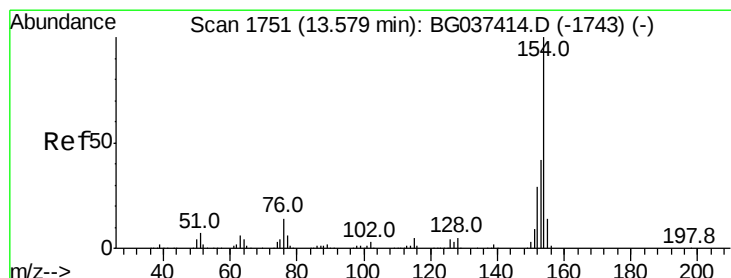
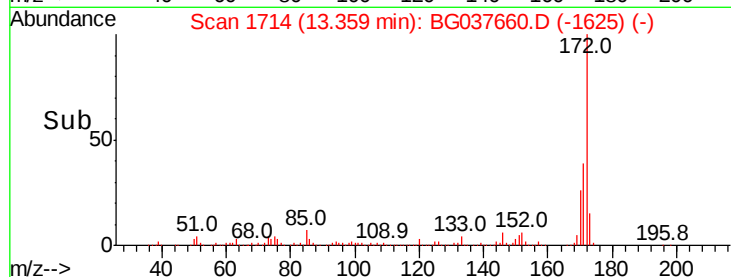
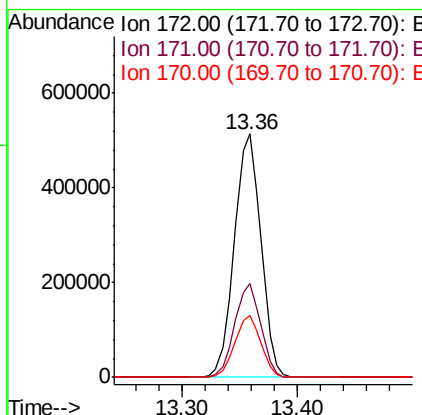
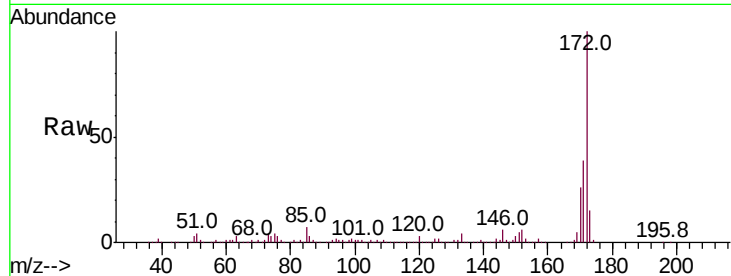
#45
2-Fluorobiphenyl
Concen: 74.890 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.5	20.2	30.2

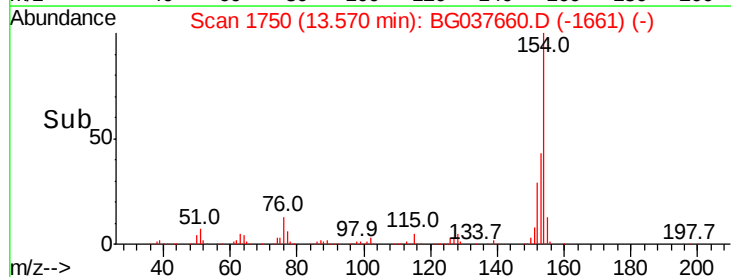
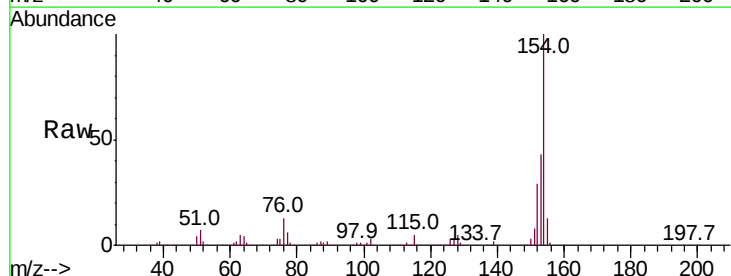
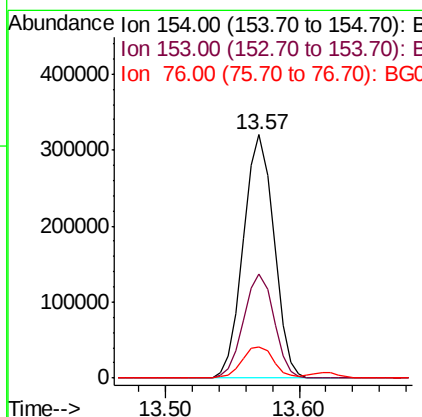
Manual Integrations
APPROVED

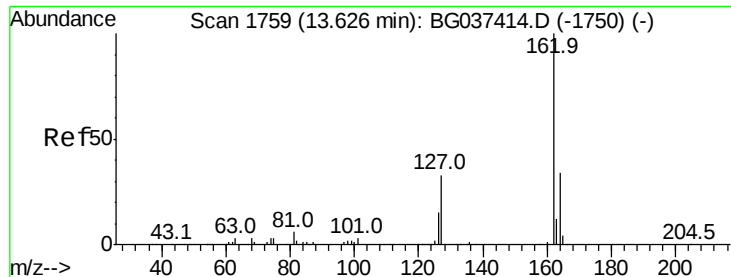
Sohil
10/31/2018 11:54:15 AM



#46
1,1'-Biphenyl
Concen: 37.321 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	12.7	0.0	33.2





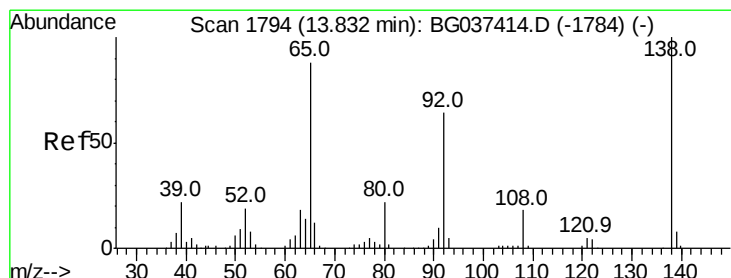
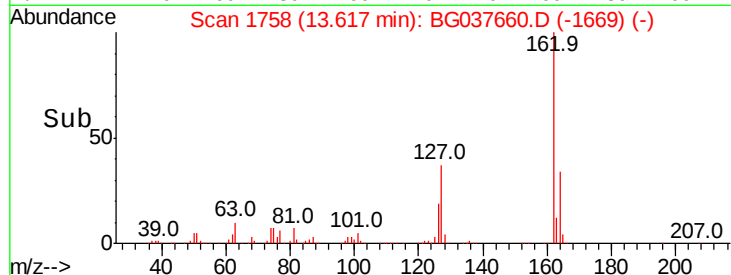
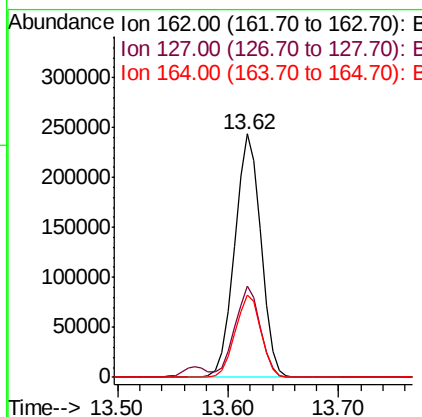
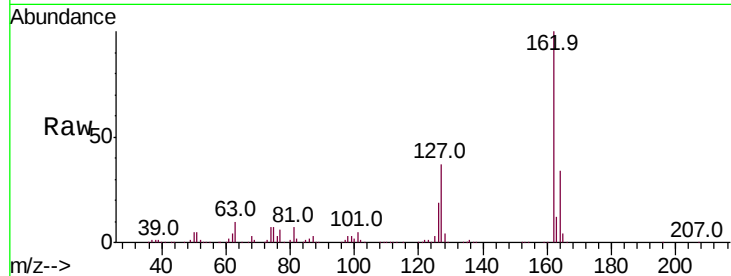
#47
2-Chloronaphthalene
Concen: 39.409 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.5	45.7
164	33.9	26.4	39.6

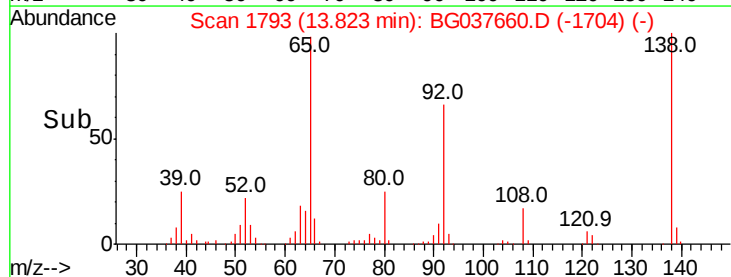
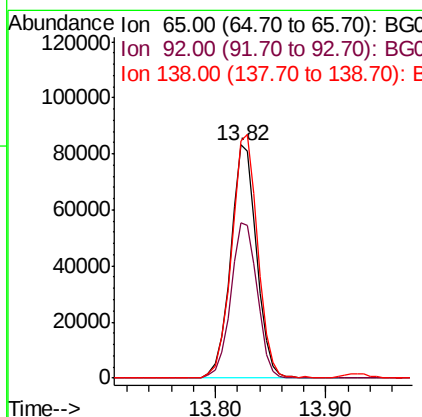
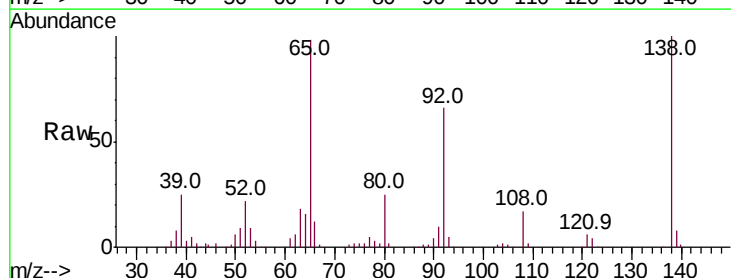
Manual Integrations
APPROVED

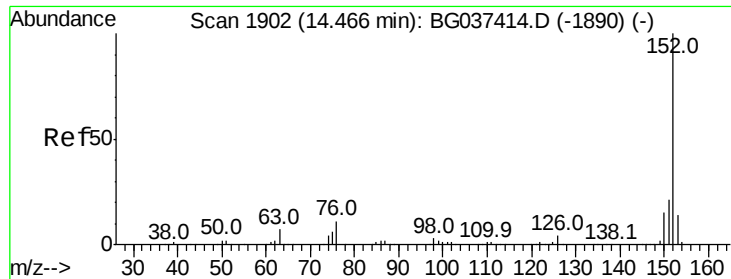
Sohil
10/31/2018 11:54:15 AM



#48
2-Nitroaniline
Concen: 43.833 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.2	79.8
138	101.7	79.3	118.9





#49

Acenaphthylene

Concen: 43.608 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

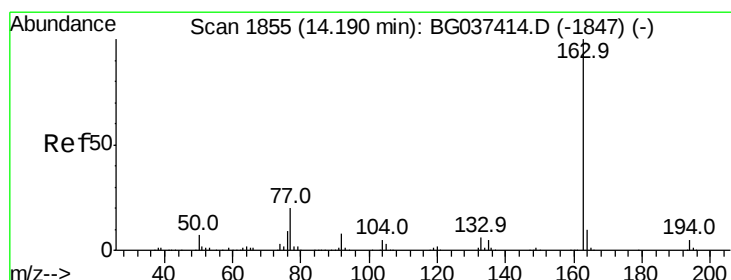
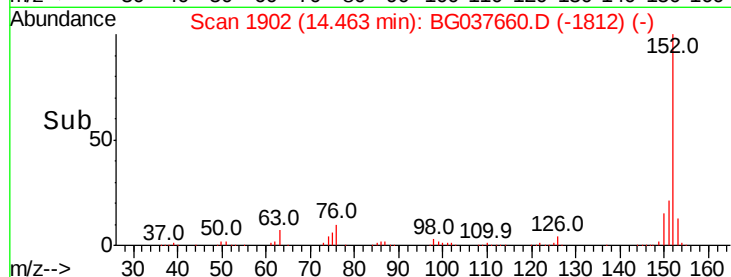
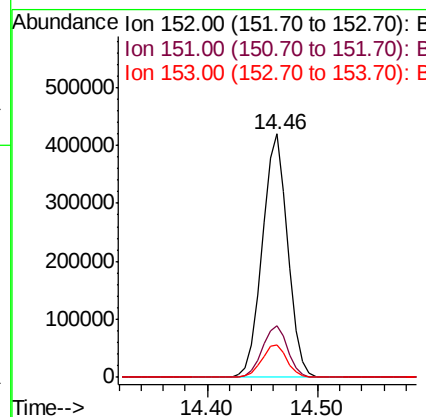
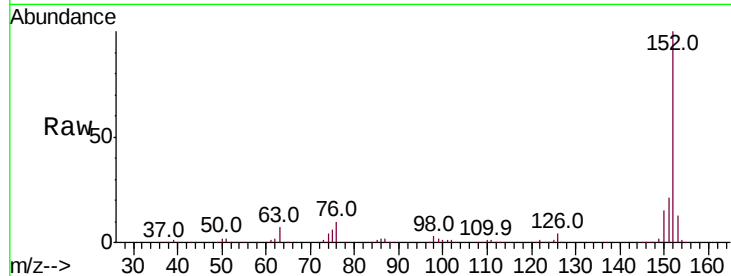
ClientSampleId :

PB114322BSD

Tot Ion:	152	Resp:	674820
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	13.5	11.1	16.7

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#50

Dimethylphthalate

Concen: 41.992 ng

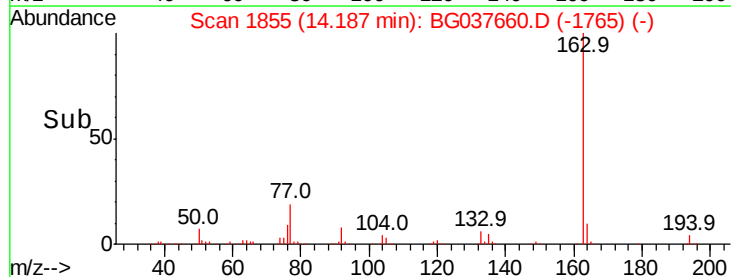
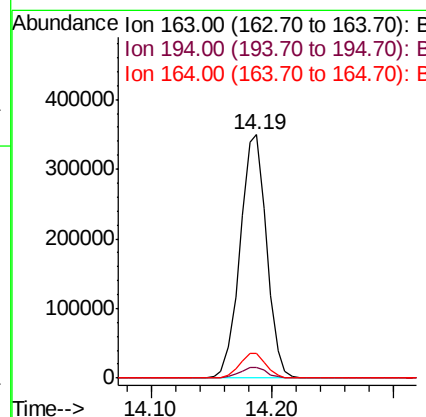
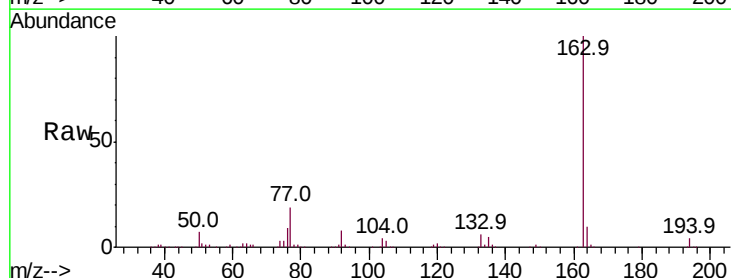
RT: 14.19 min Scan# 1855

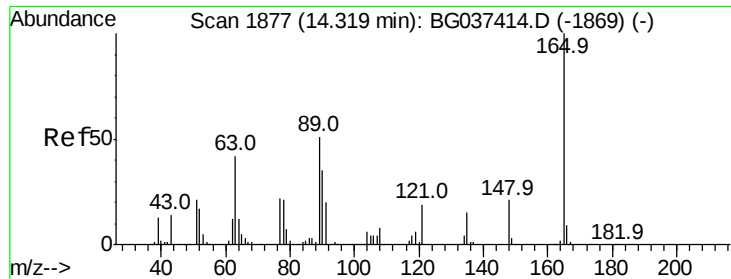
Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:	163	Resp:	533382
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.2	8.5	12.7





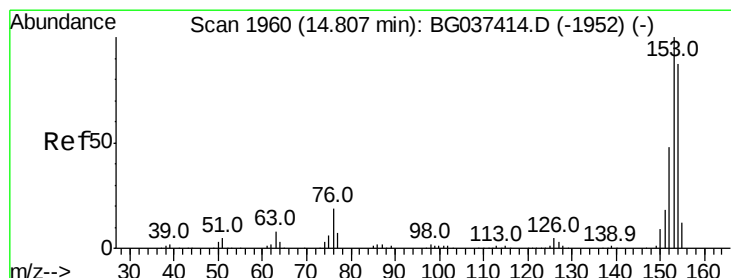
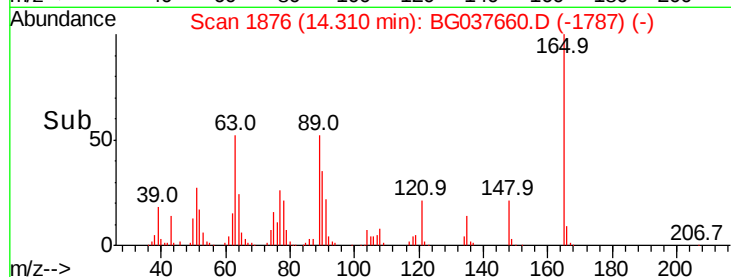
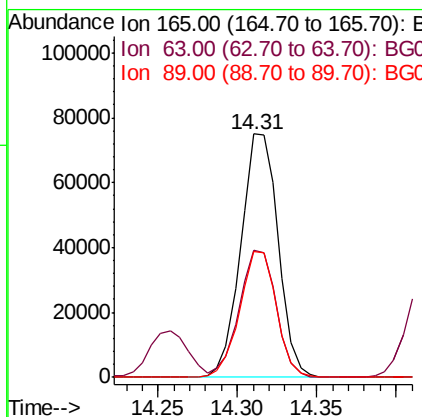
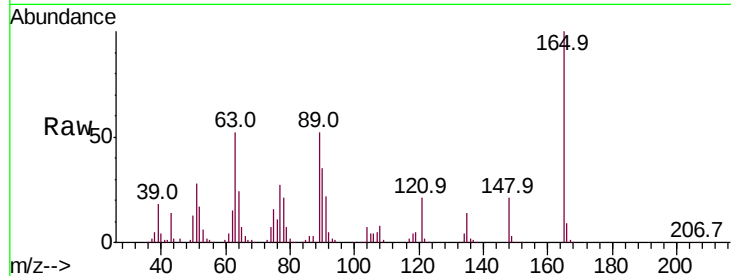
#51
2,6-Dinitrotoluene
Concen: 43.449 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampled :
PB114322BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.0	43.4	65.2
89	51.6	45.8	68.6

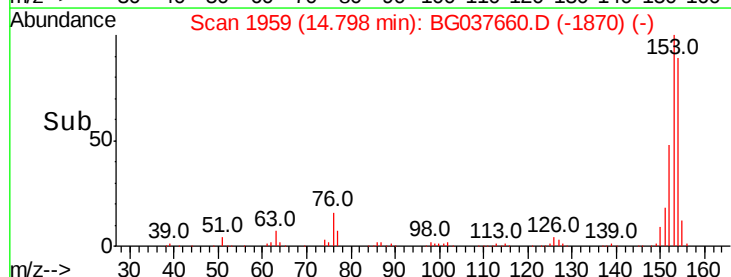
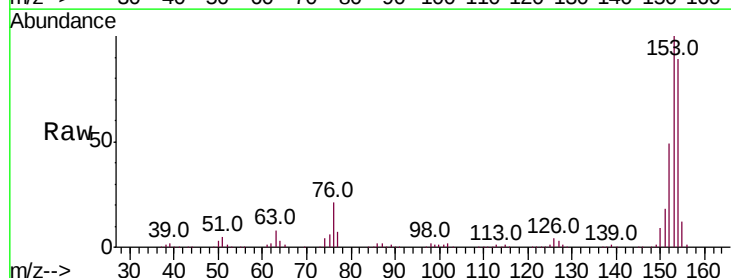
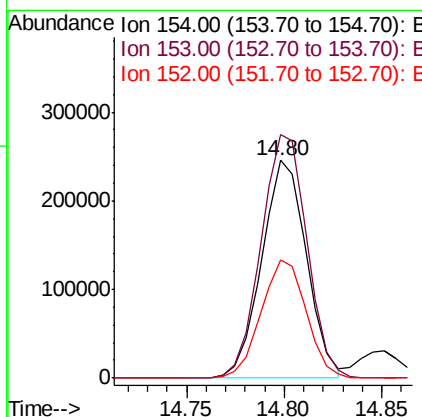
Manual Integrations
APPROVED

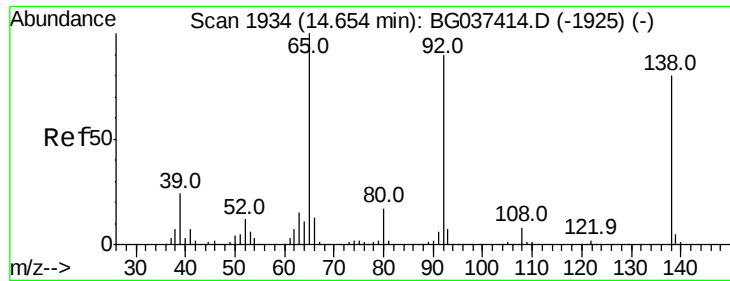
Sohil
10/31/2018 11:54:15 AM



#52
Acenaphthene
Concen: 40.716 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	93.4	140.0
152	54.5	44.7	67.1





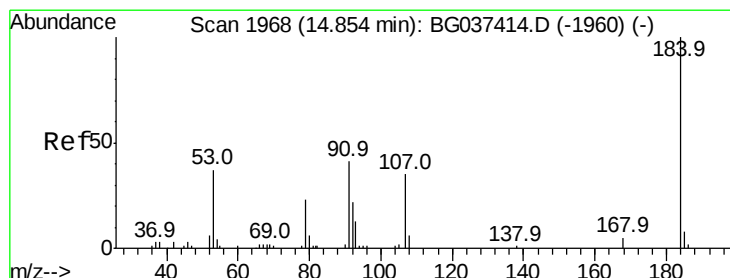
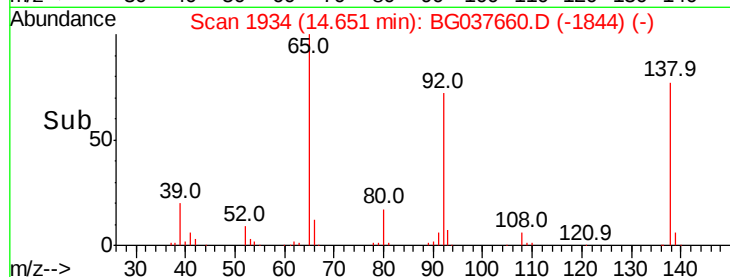
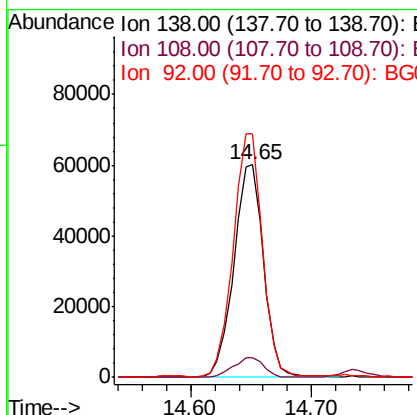
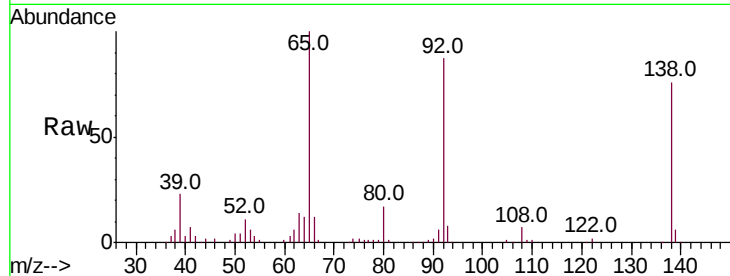
#53
 3-Nitroaniline
 Concen: 33.113 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	11.0	16.6
92	114.6	95.2	142.8

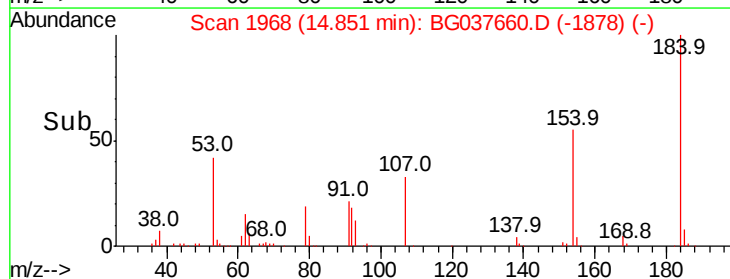
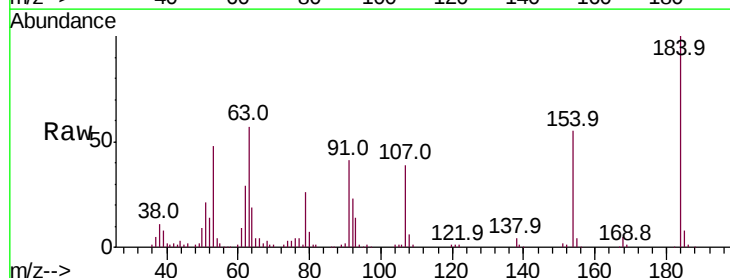
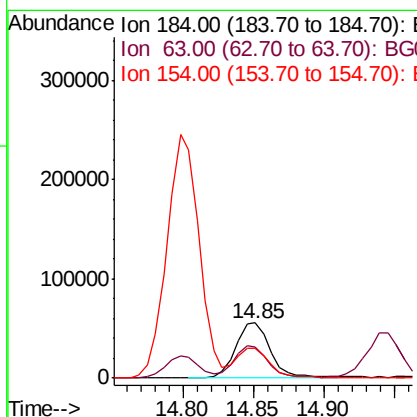
Manual Integrations
 APPROVED

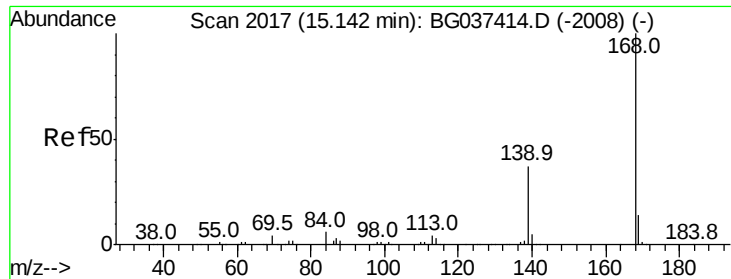
Sohil
 10/31/2018 11:54:15 AM



#54
 2,4-Dinitrophenol
 Concen: 78.015 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.5	42.6	63.8
154	55.4	41.8	62.6





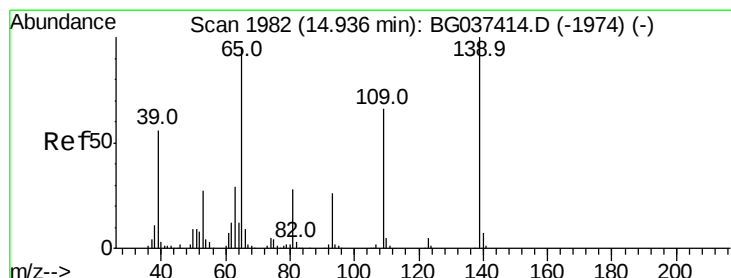
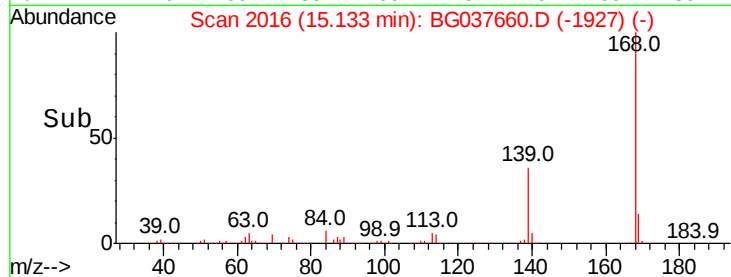
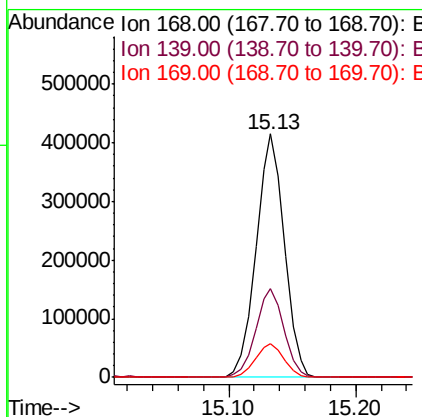
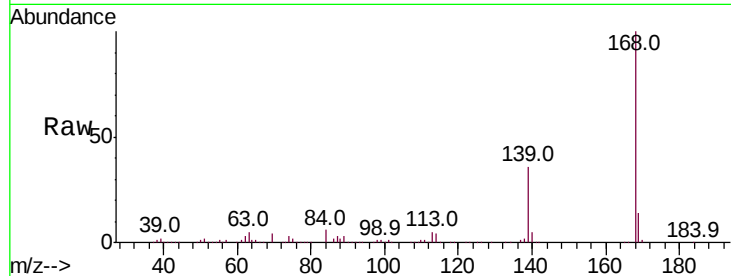
#55
Dibenzofuran
Concen: 40.497 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.4	44.0
169	13.8	11.0	16.6

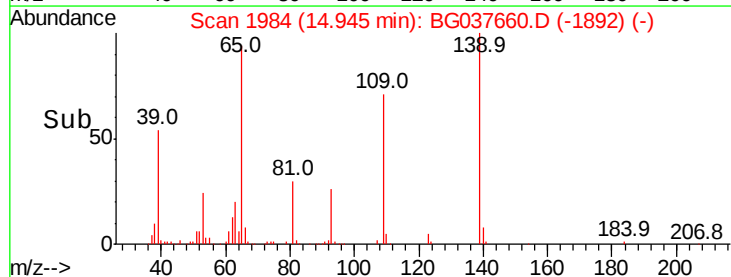
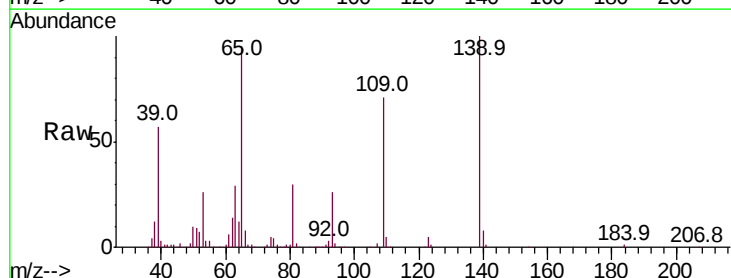
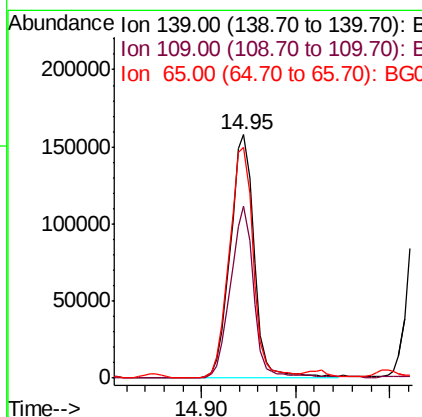
Manual Integrations
APPROVED

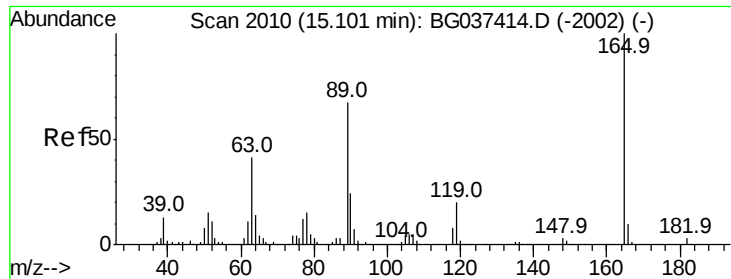
Sohil
10/31/2018 11:54:15 AM



#56
4-Nitrophenol
Concen: 121.494 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.7	49.5	89.5
65	94.7	76.8	116.8





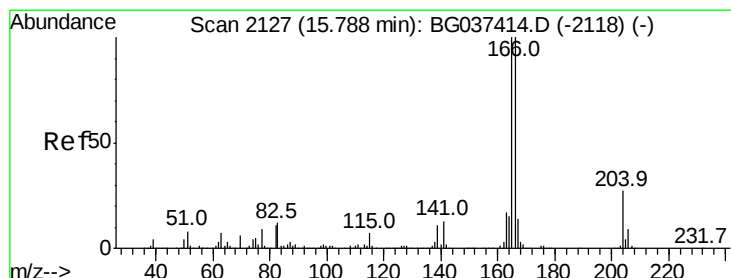
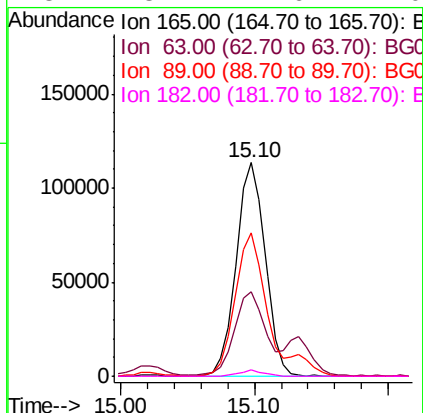
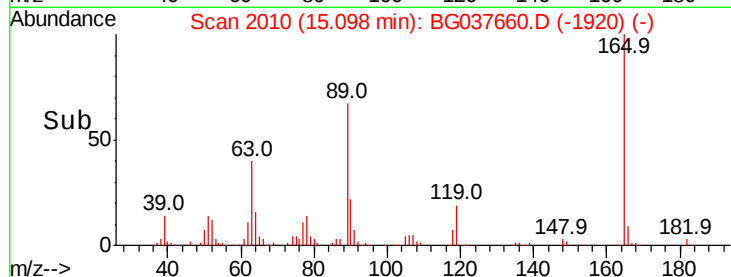
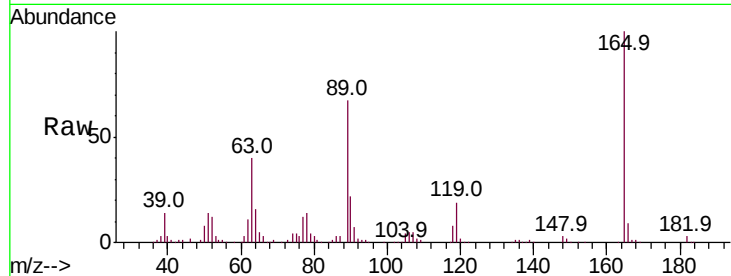
#57
2,4-Dinitrotoluene
Concen: 46.392 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	171116		
63	39.8	33.4	50.0	
89	67.2	57.2	85.8	
182	3.1	2.6	4.0	

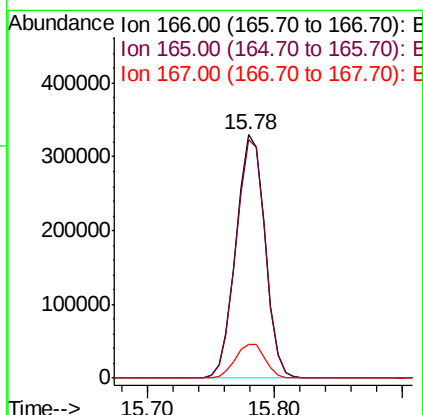
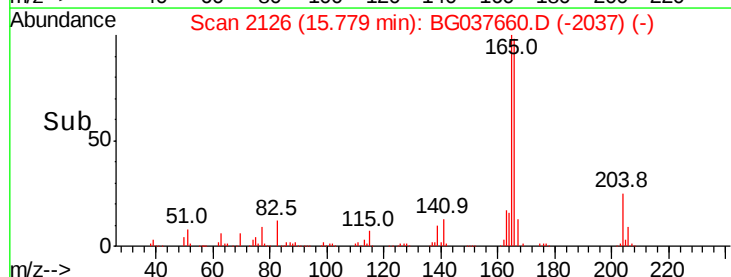
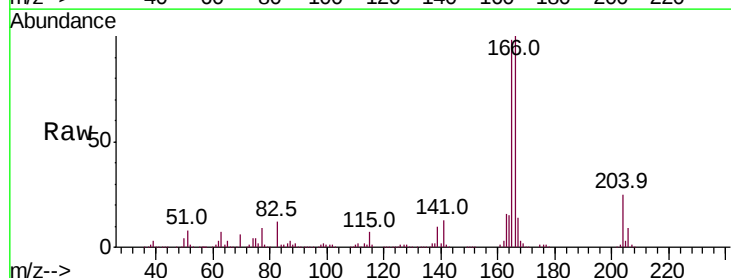
Manual Integrations
APPROVED

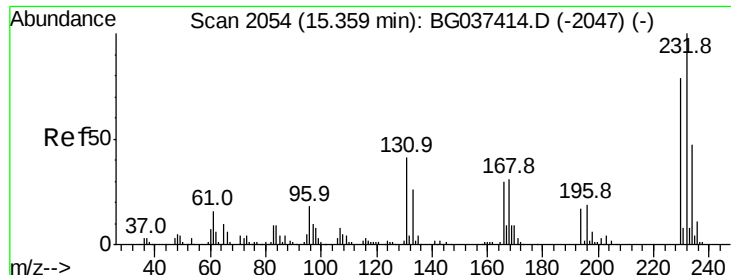
Sohil
10/31/2018 11:54:15 AM



#58
Fluorene
Concen: 44.051 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	520878		
165	98.0	79.0	118.6	
167	13.8	11.3	16.9	





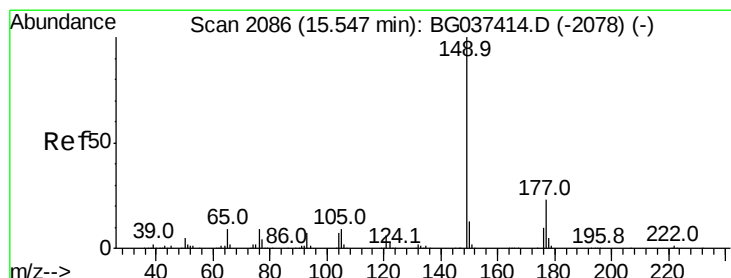
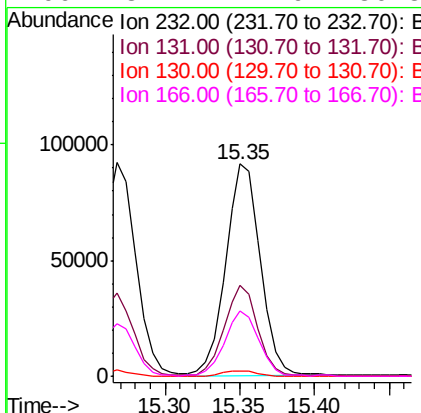
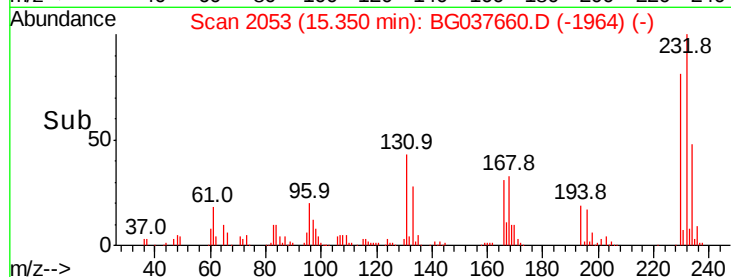
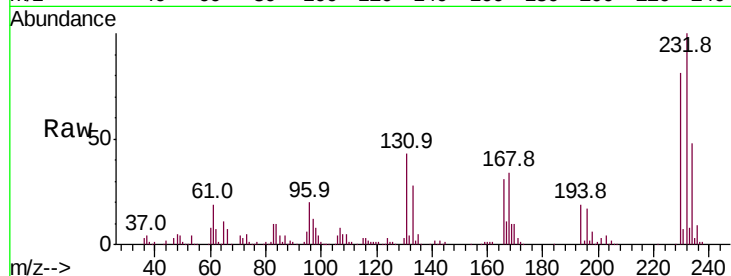
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.709 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	147462		
131	42.4	33.7	50.5	
130	2.5	2.1	3.1	
166	31.2	24.6	36.8	

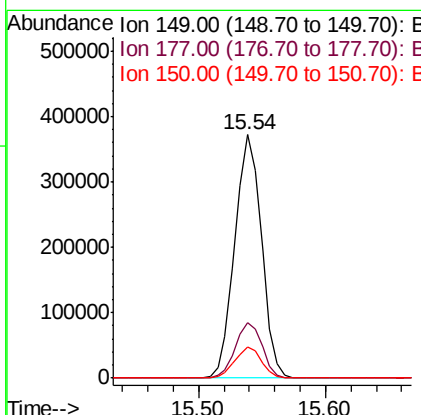
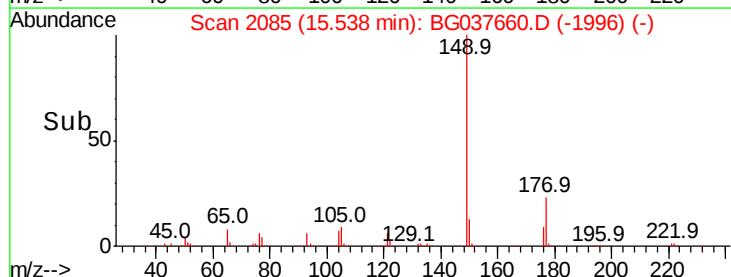
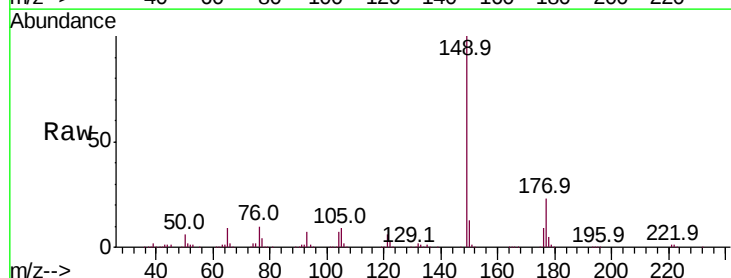
Manual Integrations
 APPROVED

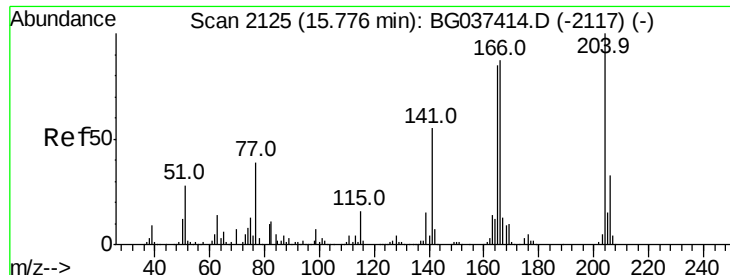
Sohil
 10/31/2018 11:54:15 AM



#60
 Diethylphthalate
 Concen: 41.368 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	539458		
177	22.9	18.3	27.5	
150	12.9	10.0	15.0	





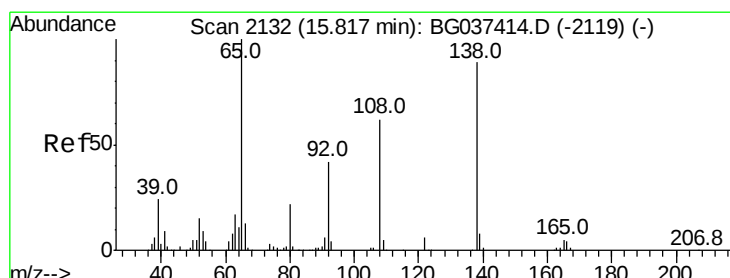
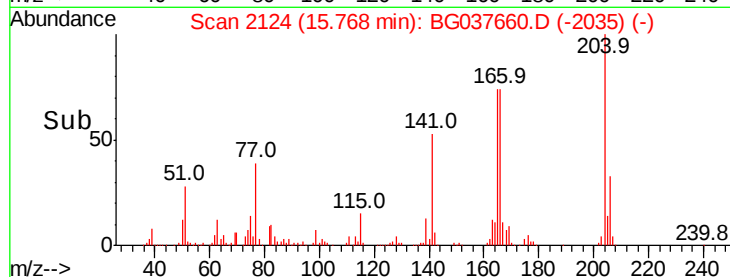
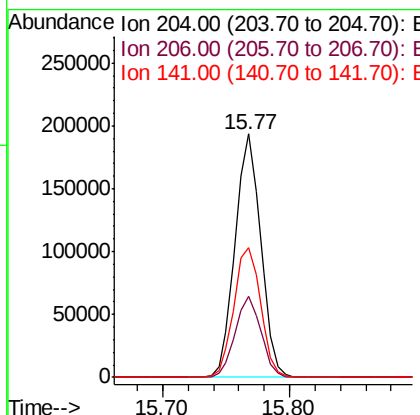
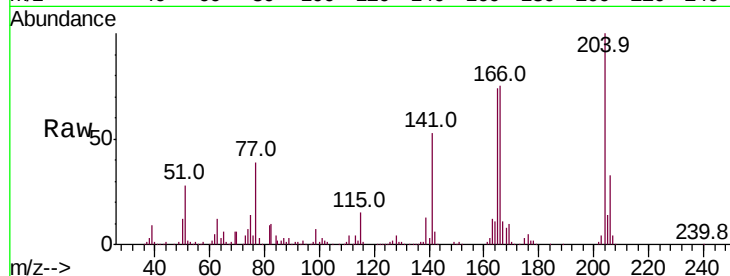
#61
4-Chlorophenyl-phenylether
Concen: 39.268 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	53.3	45.4	68.2

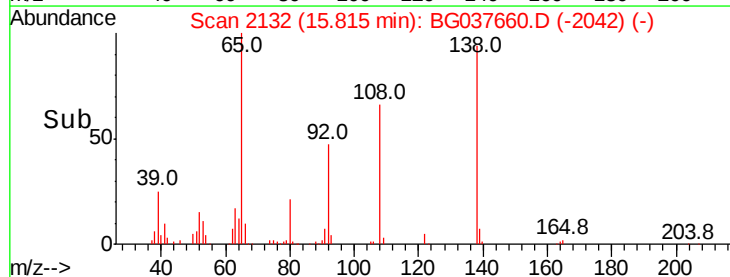
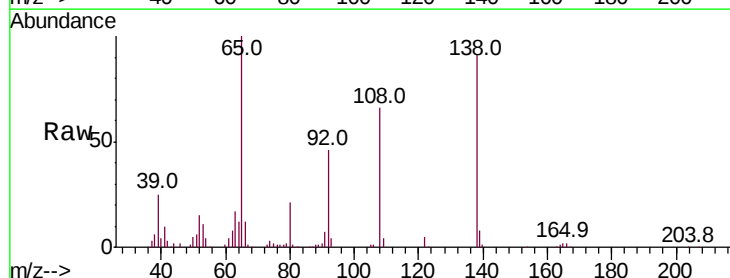
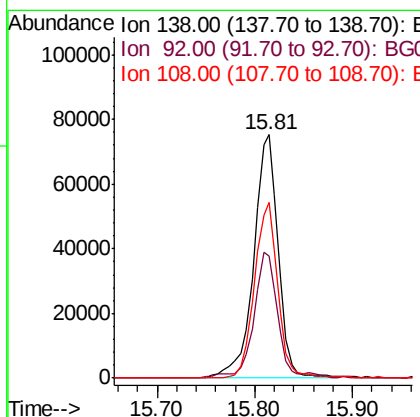
Manual Integrations
APPROVED

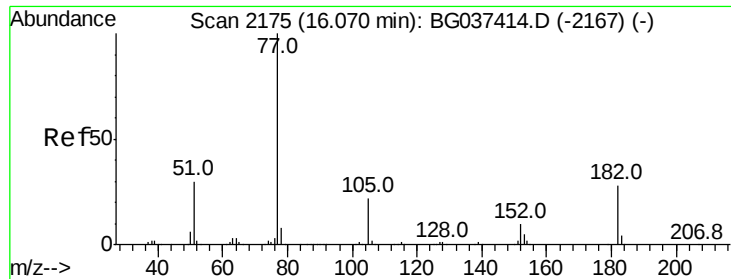
Sohil
10/31/2018 11:54:15 AM



#62
4-Nitroaniline
Concen: 43.078 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	36.4	76.4
108	72.1	60.1	100.1





#63

Azobenzene

Concen: 41.420 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

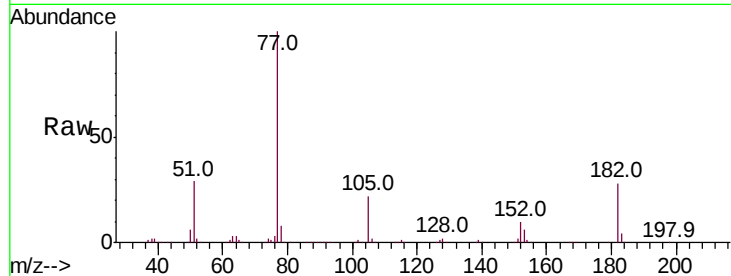
ClientSampleId :

PB114322BSD

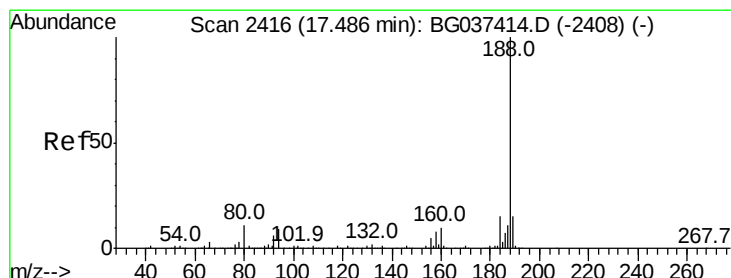
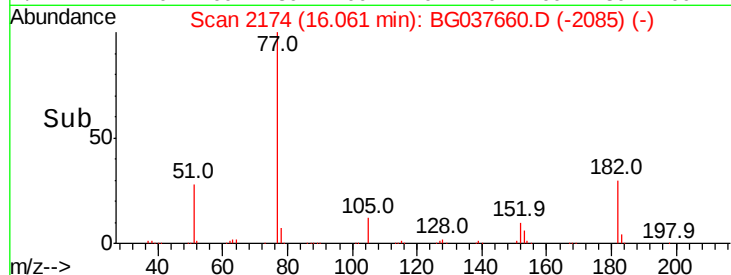
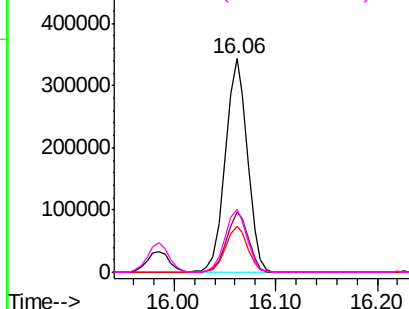
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.5	8.0	48.0	
105	21.5	1.3	41.3	
51	29.4	10.7	50.7	

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



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

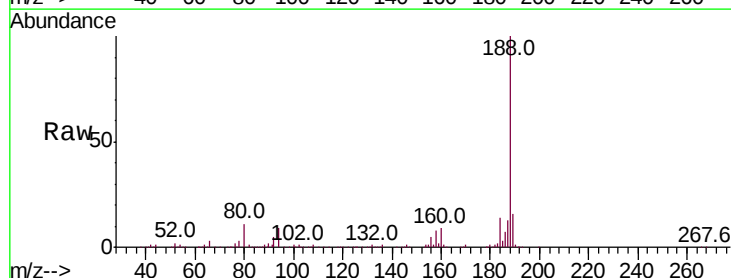
RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

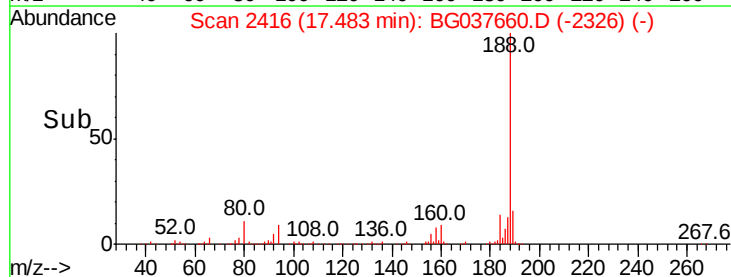
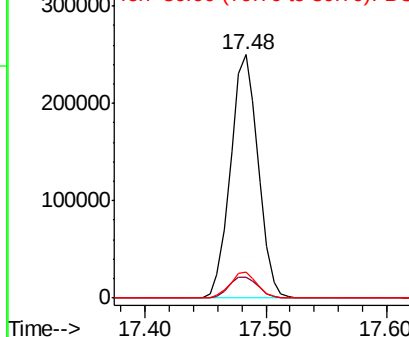
Lab File: BG037660.D

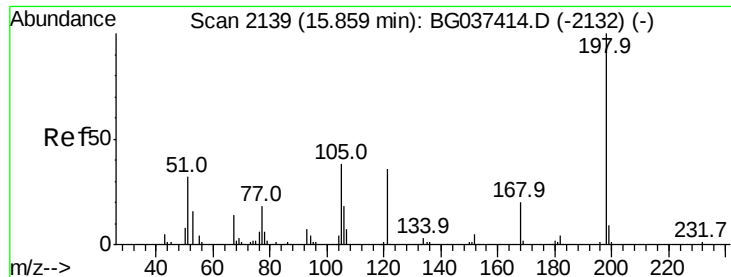
Acq: 30 Oct 2018 19:16

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.2	10.8	
80	10.7	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: 43.086 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

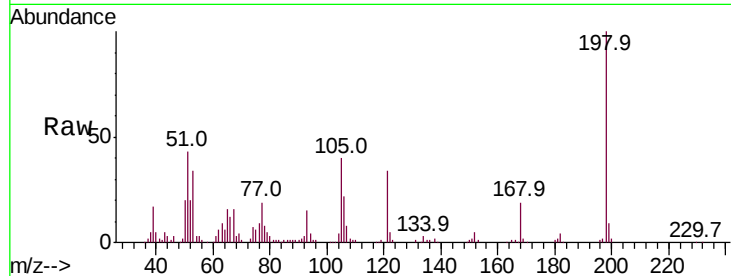
ClientSampleId :

PB114322BSD

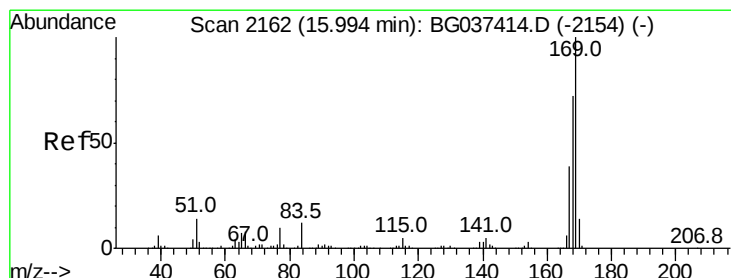
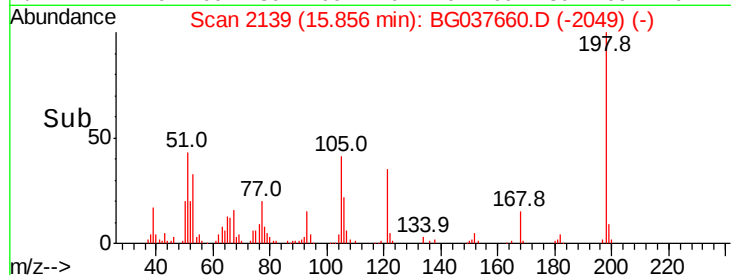
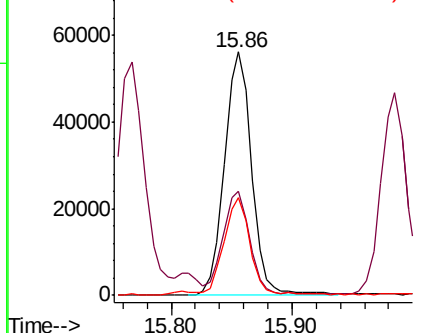
Tot Ion:	198	Resp:	87907
Ion Ratio	Lower	Upper	
198	100		
51	42.9	22.7	62.7
105	40.3	19.7	59.7

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.465 ng

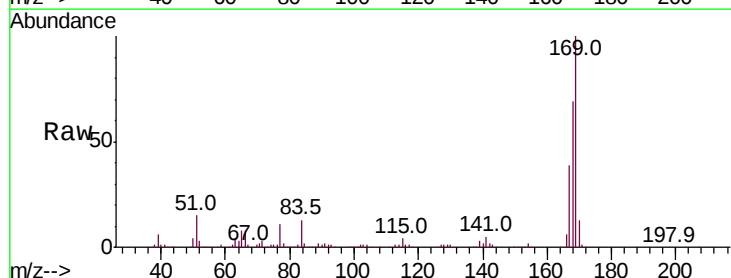
RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

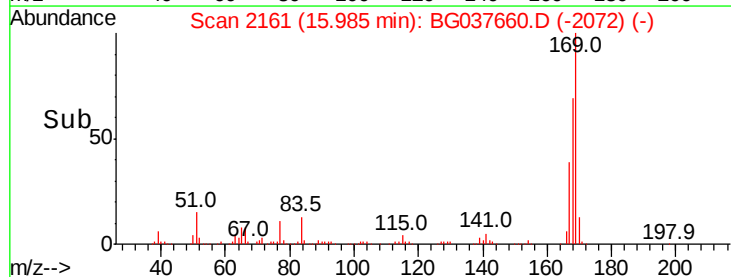
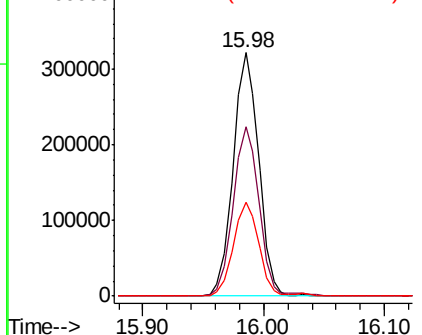
Lab File: BG037660.D

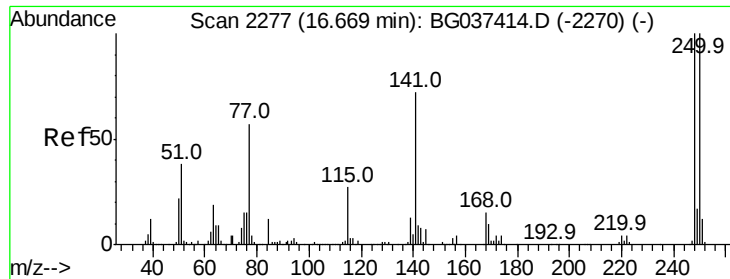
Acq: 30 Oct 2018 19:16

Tgt Ion:	169	Resp:	473181
Ion Ratio	Lower	Upper	
169	100		
168	69.5	55.7	83.5
167	38.6	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





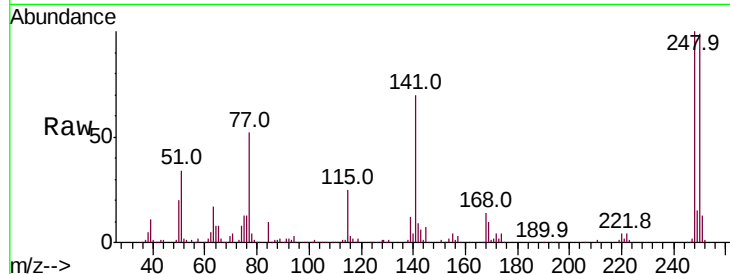
#67
 4-Bromophenyl-phenylether
 Concen: 39.092 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.0	115.6
141	69.6	55.5	83.3

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:15 AM

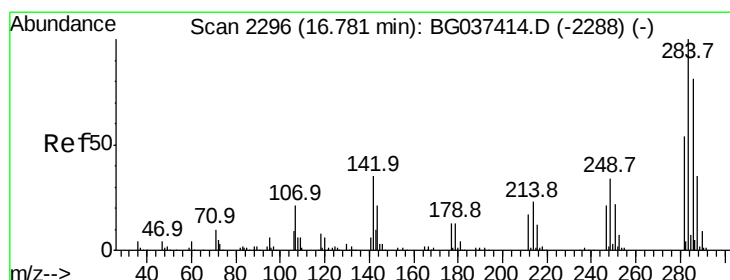
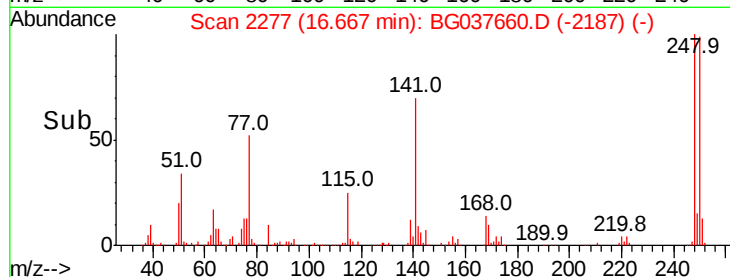
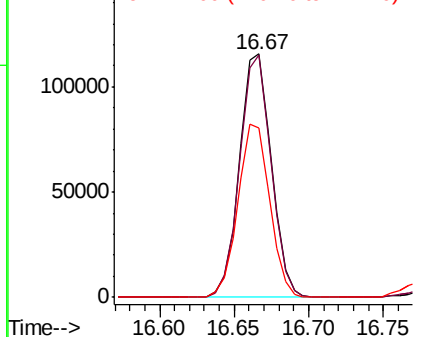


Abundance

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: 38.086 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

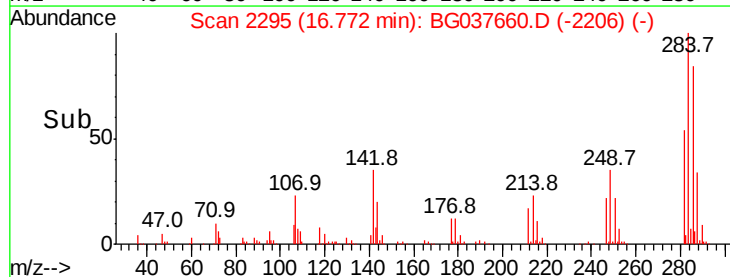
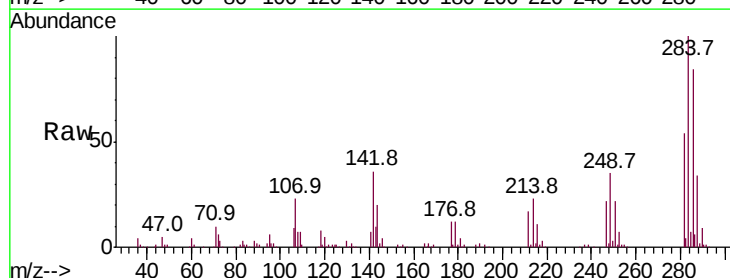
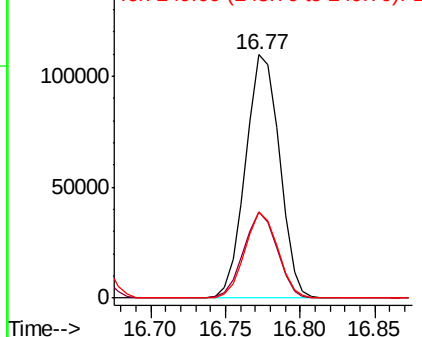
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.1	42.1
249	37.8	29.8	44.8

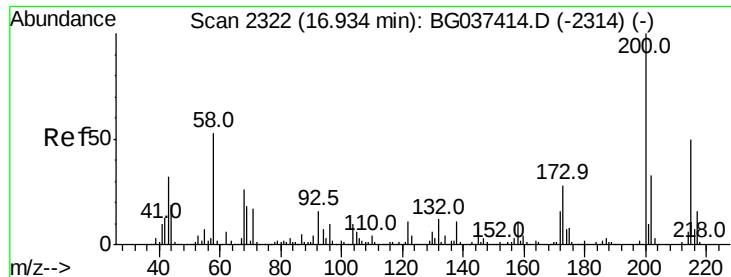
Abundance

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





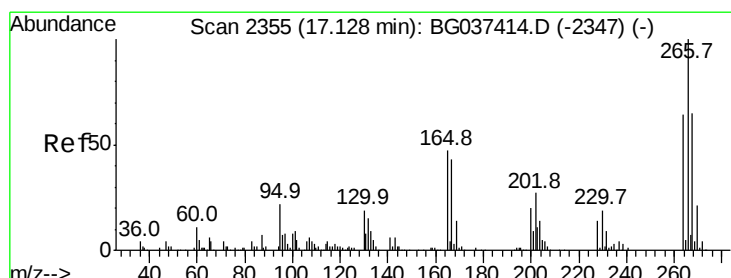
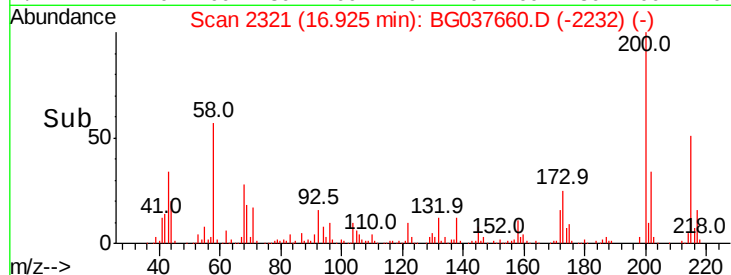
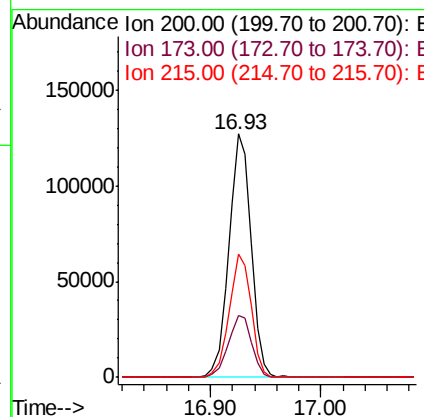
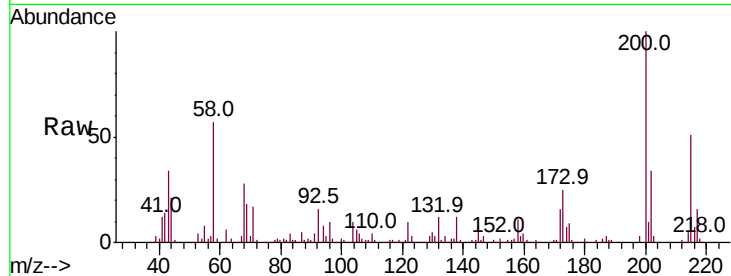
#69
 Atrazine
 Concen: 41.192 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.1	46.1
215	50.8	30.8	70.8

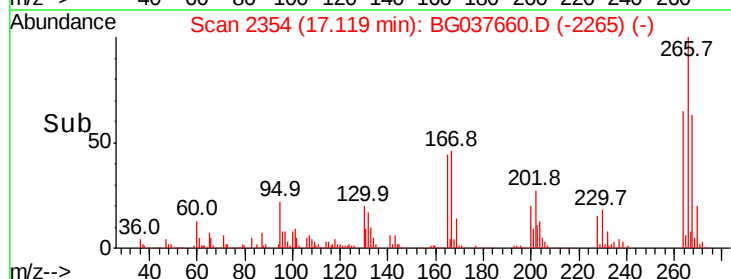
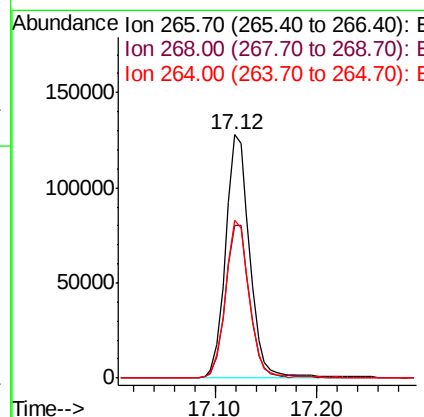
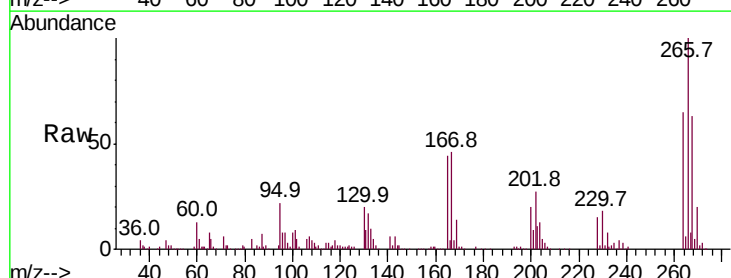
Manual Integrations
 APPROVED

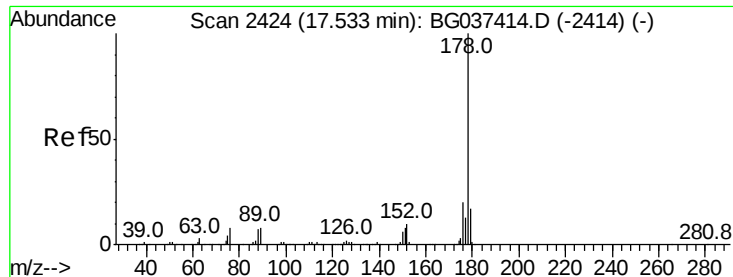
Sohil
 10/31/2018 11:54:15 AM



#70
 Pentachlorophenol
 Concen: 69.228 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	55.0	82.6
264	70.4	58.9	88.3





#71

Phenanthrene

Concen: 42.213 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

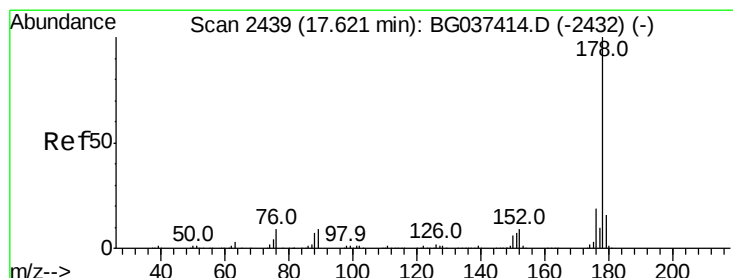
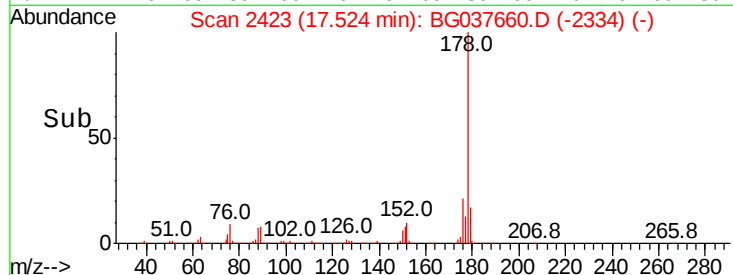
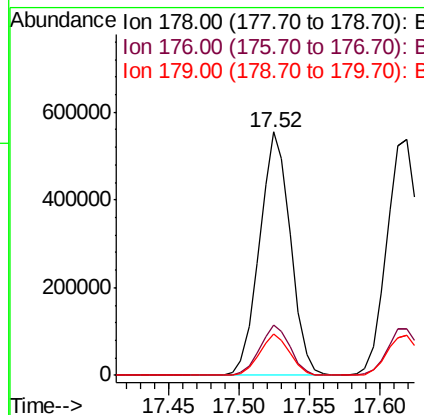
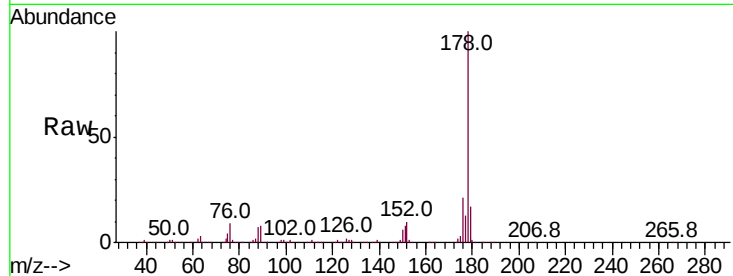
ClientSampleId :

PB114322BSD

Tot Ion:178	Resp:	855154
Ion Ratio	Lower	Upper
178	100	
176	20.7	16.1 24.1
179	17.0	13.0 19.4

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#72

Anthracene

Concen: 43.403 ng

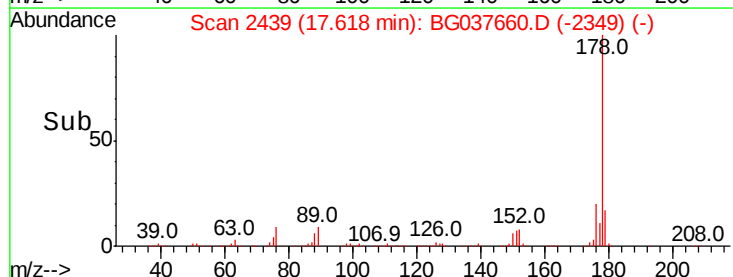
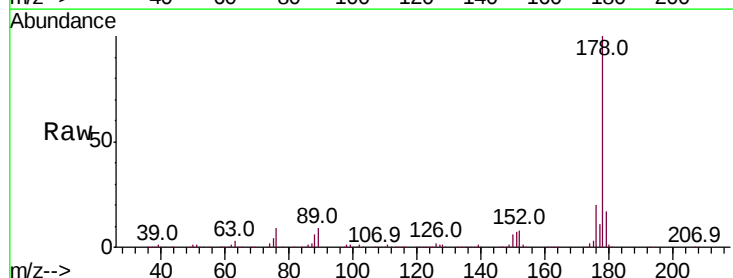
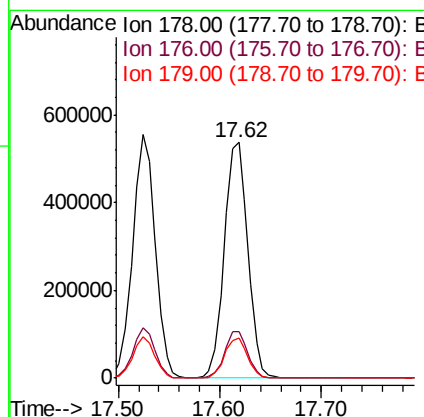
RT: 17.62 min Scan# 2439

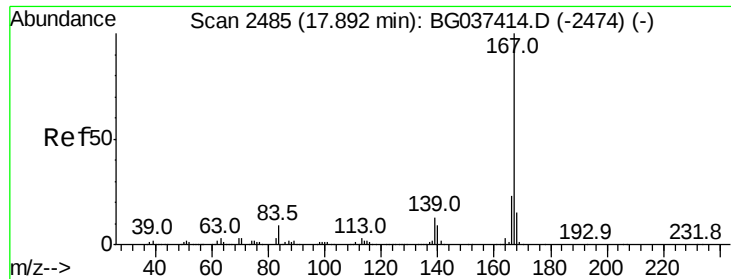
Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:178	Resp:	862871
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.0 22.4
179	16.8	12.8 19.2





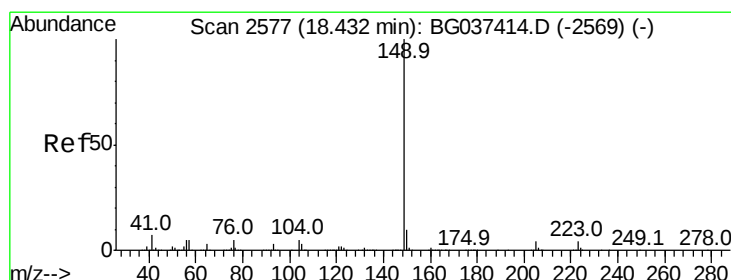
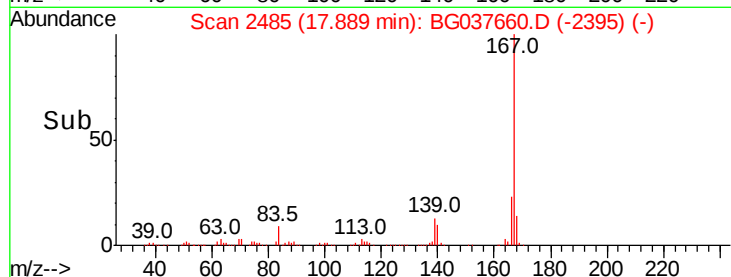
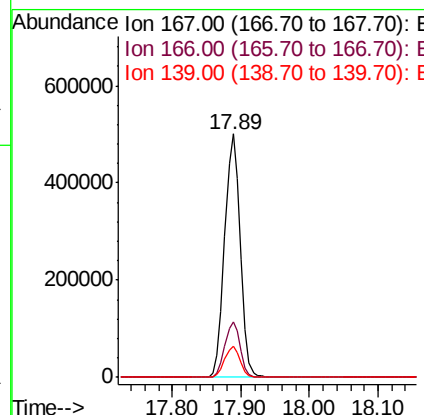
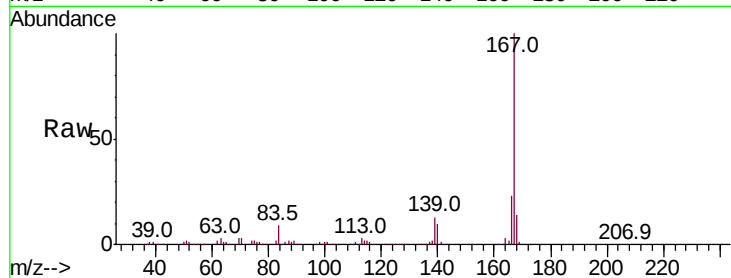
#73
 Carbazole
 Concen: 39.651 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	13.0	10.5	15.7

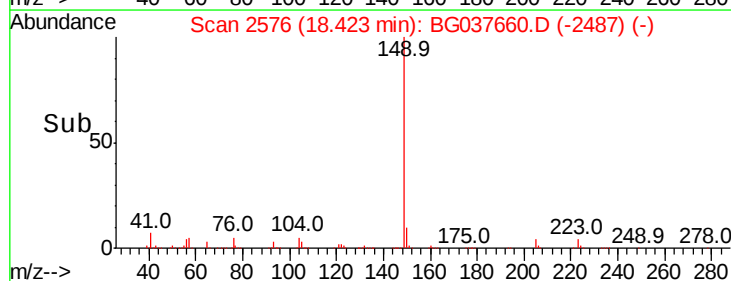
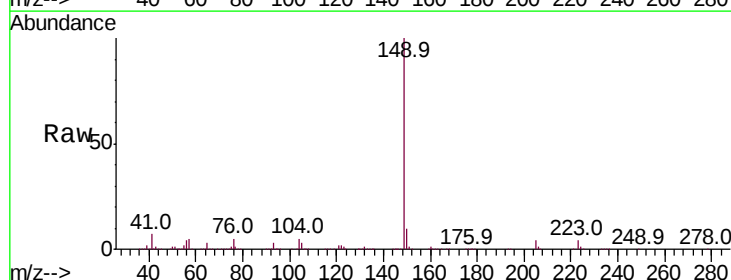
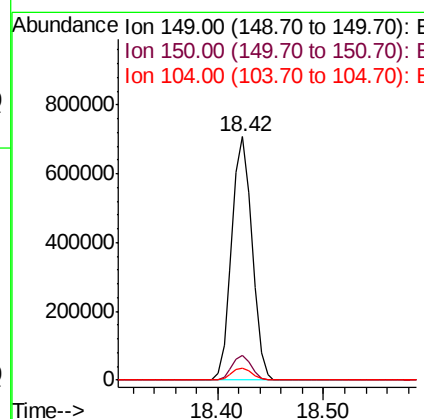
Manual Integrations
 APPROVED

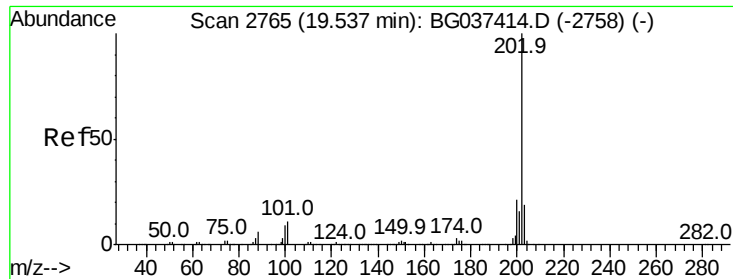
Sohil
 10/31/2018 11:54:15 AM



#74
 Di-n-butylphthalate
 Concen: 42.669 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037660.D
 Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 43.261 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

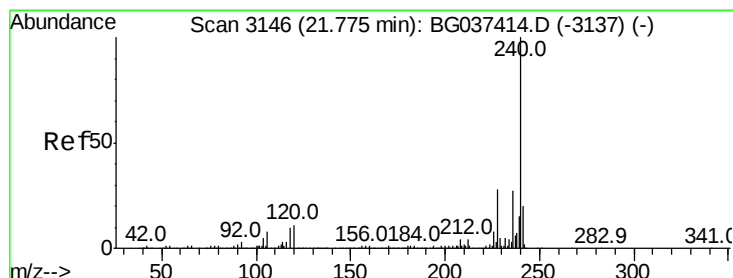
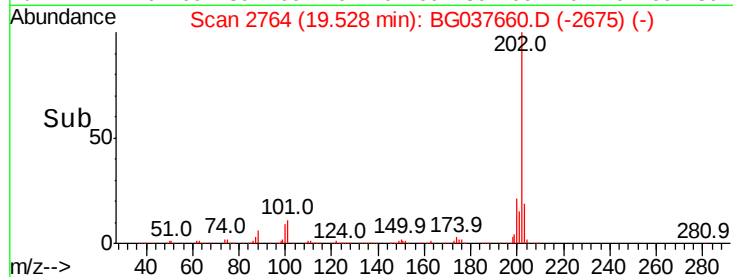
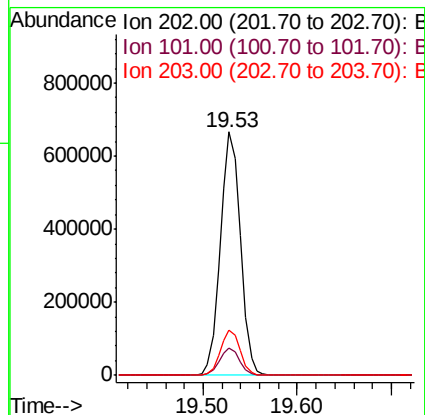
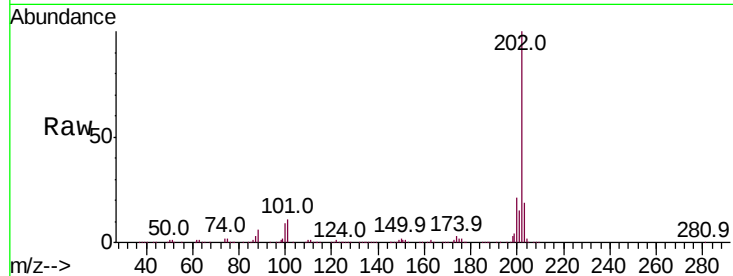
ClientSampleId :

PB114322BSD

Tot Ion:	202	Resp:	993984
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.7
203	18.5	0.0	38.5

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#76

Chrysene-d12

Concen: 20.000 ng

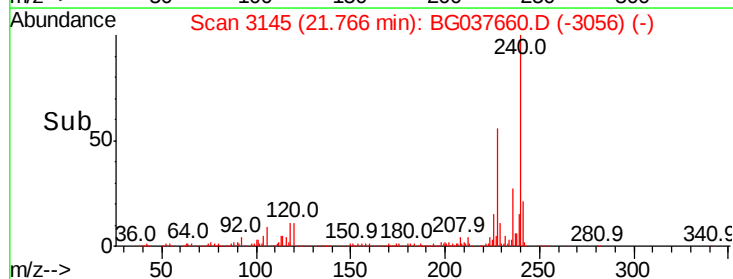
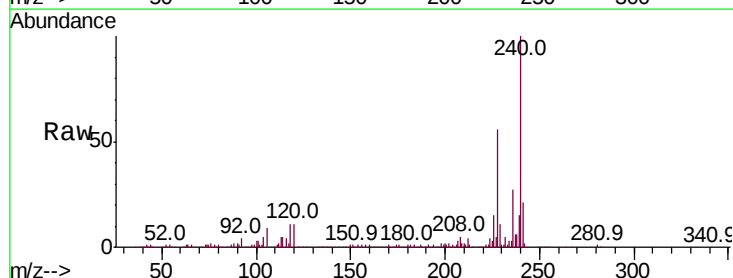
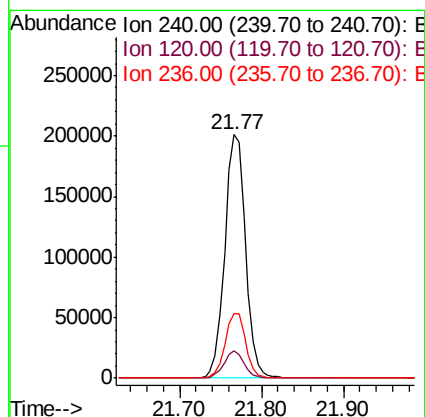
RT: 21.77 min Scan# 3145

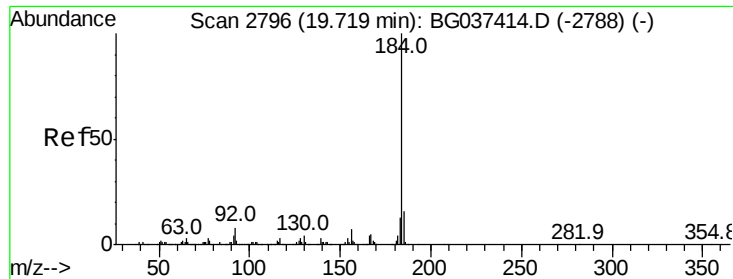
Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:	240	Resp:	355166
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.1	12.1
236	26.6	21.4	32.0





#77

Benzidine

Concen: 33.926 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

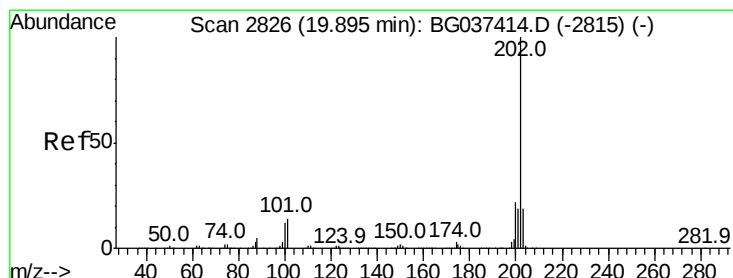
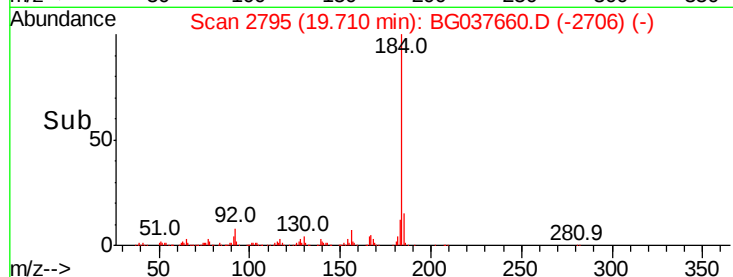
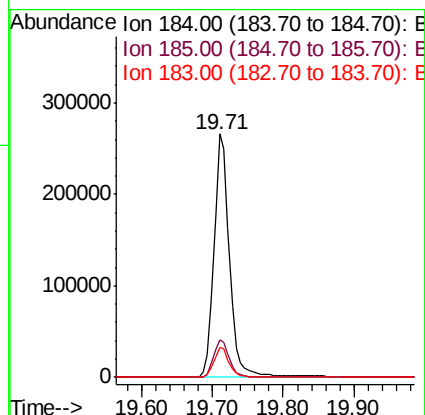
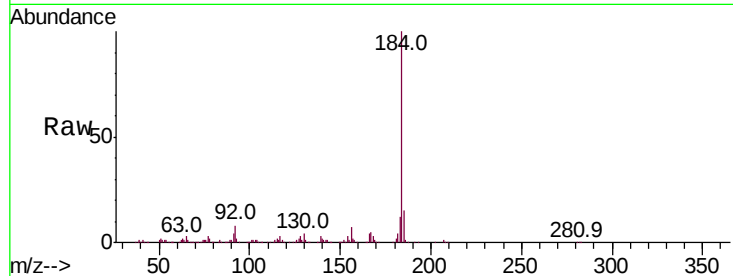
ClientSampleId :

PB114322BSD

Tot Ion:	184	Resp:	409705
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	18.8
183	12.4	10.2	15.2

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#78

Pyrene

Concen: 42.286 ng

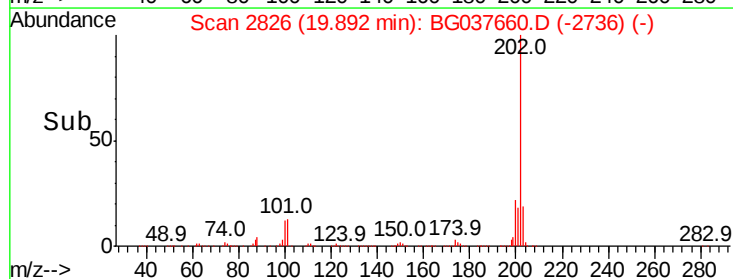
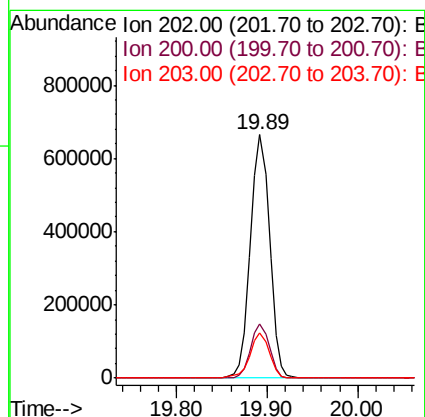
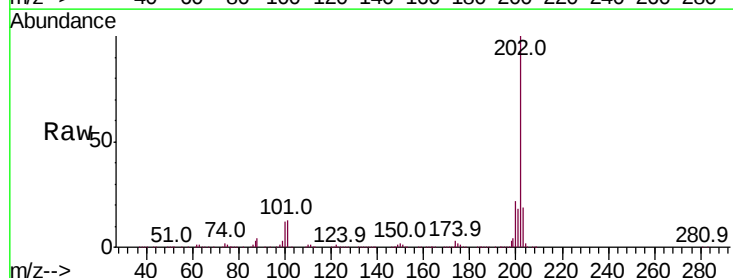
RT: 19.89 min Scan# 2826

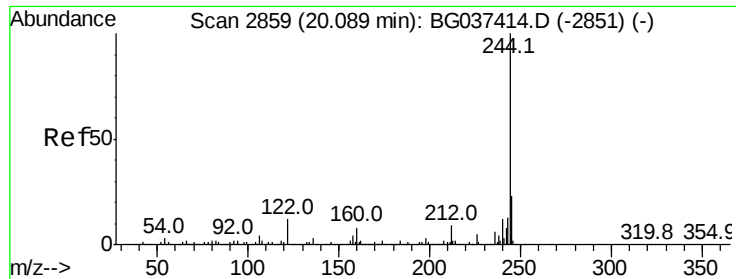
Delta R.T. -0.00 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:	202	Resp:	981782
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.6
203	18.6	15.2	22.8





#79

Terphenyl-d14

Concen: 72.940 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

Tot Ion:244 Resp: 1212388

Ion Ratio Lower Upper

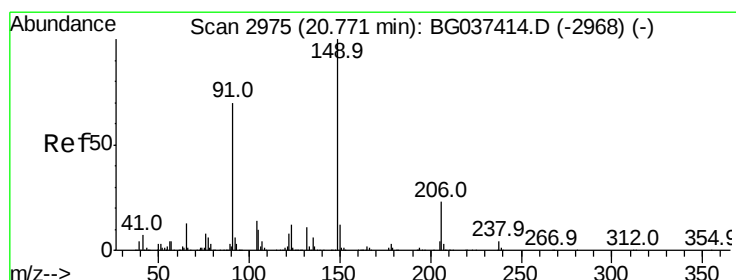
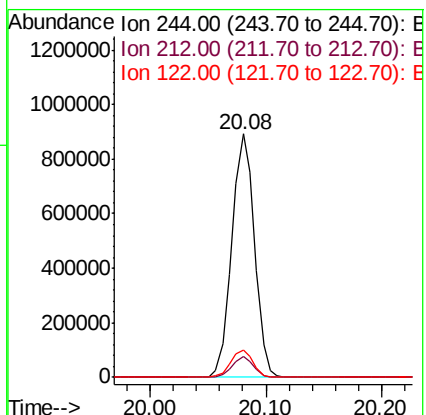
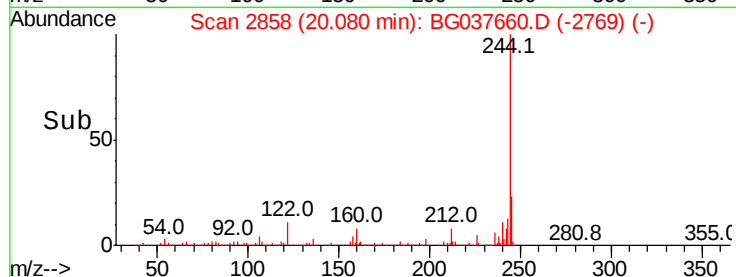
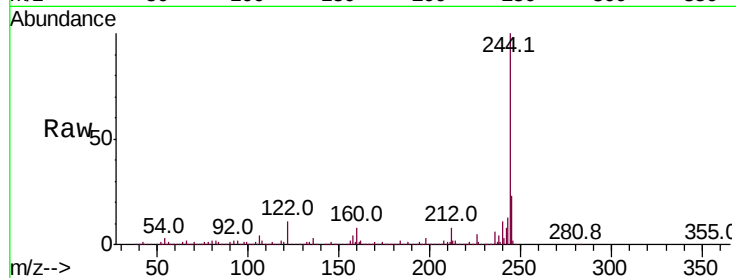
244 100

212 8.4 6.5 9.7

122 11.4 9.0 13.4

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#80

Butylbenzylphthalate

Concen: 44.622 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

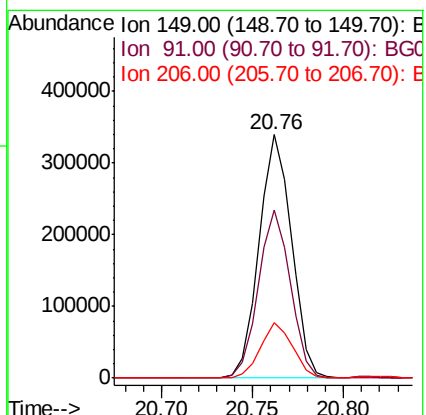
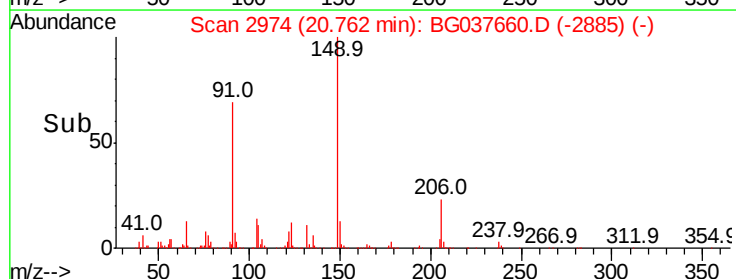
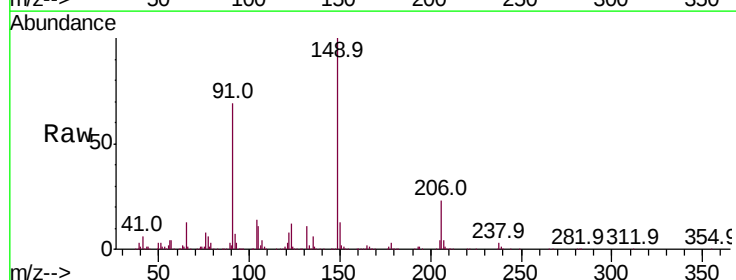
Tgt Ion:149 Resp: 423999

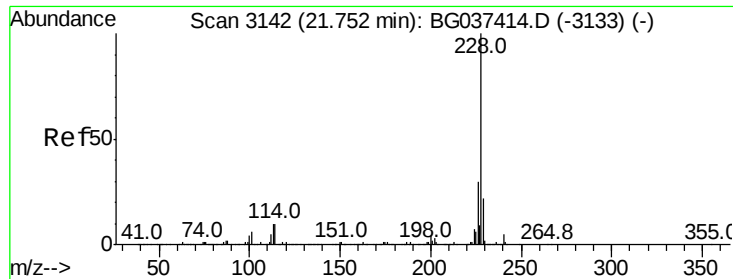
Ion Ratio Lower Upper

149 100

91 69.2 57.0 85.4

206 22.9 17.8 26.6





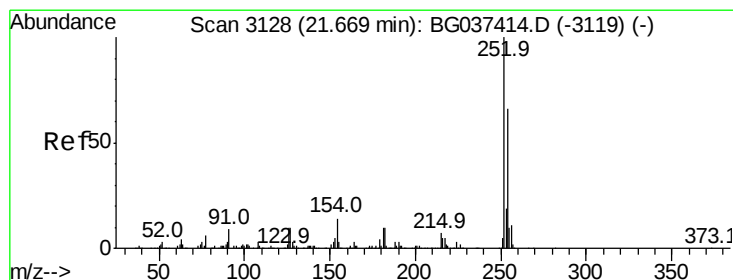
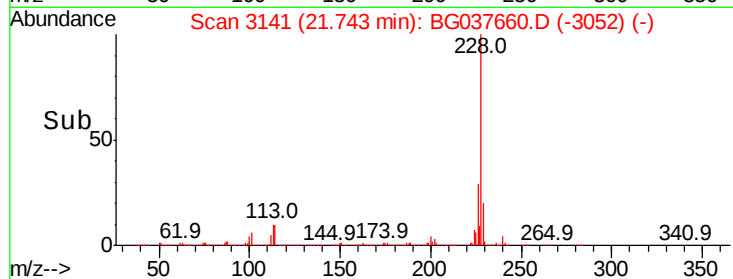
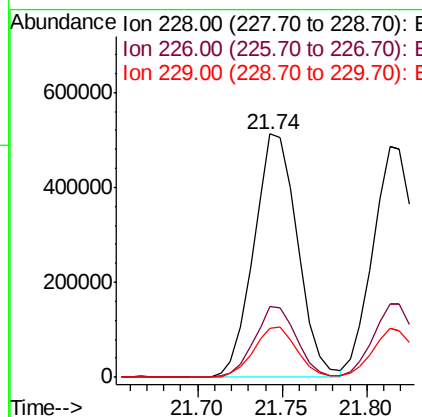
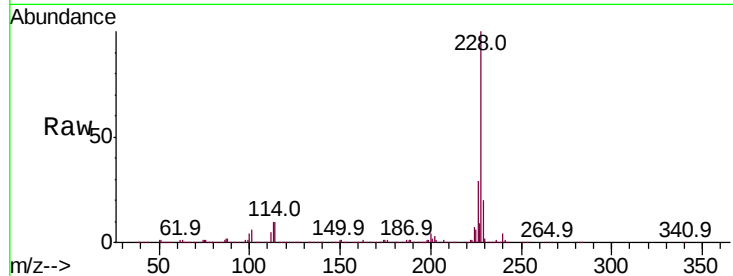
#81
Benzo(a)anthracene
Concen: 43.881 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.4	16.3	24.5

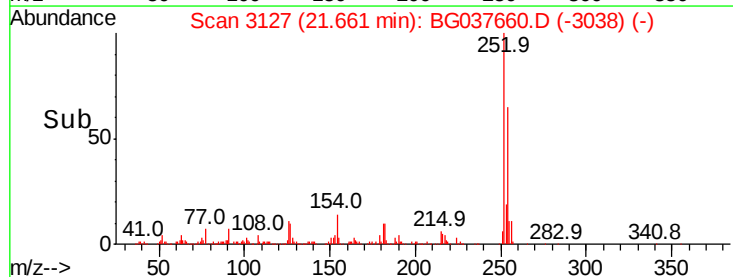
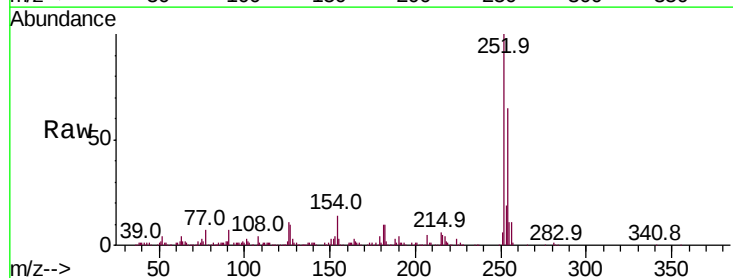
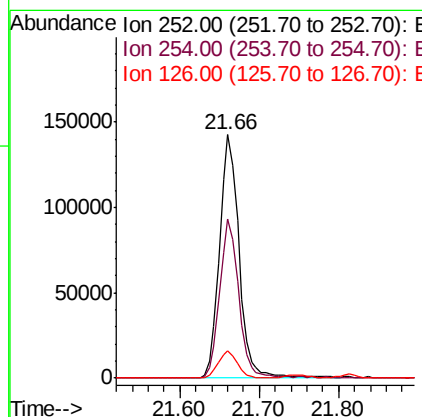
Manual Integrations
APPROVED

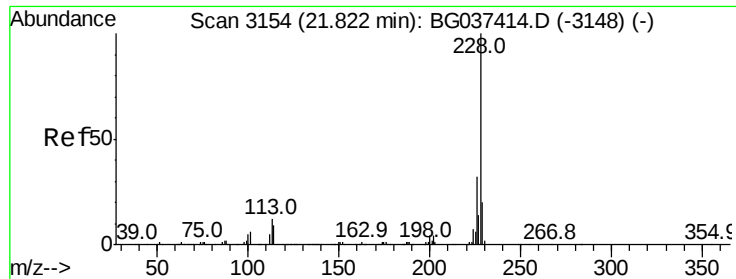
Sohil
10/31/2018 11:54:15 AM



#82
3,3'-Dichlorobenzidine
Concen: 29.997 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.0	78.0
126	11.2	8.2	12.4





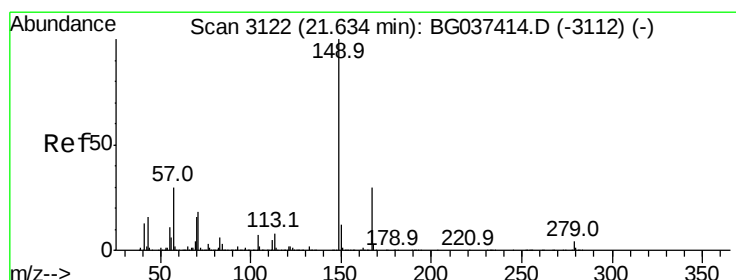
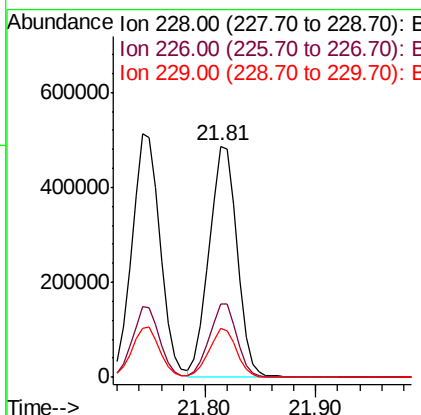
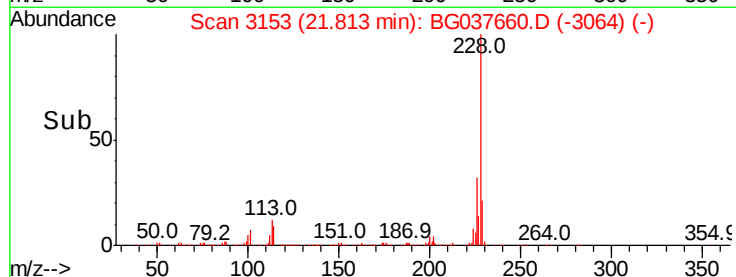
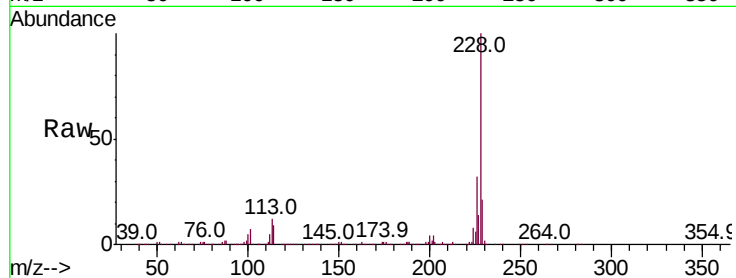
#83
Chrysene
Concen: 42.208 ng
RT: 21.81 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	21.0	16.5	24.7

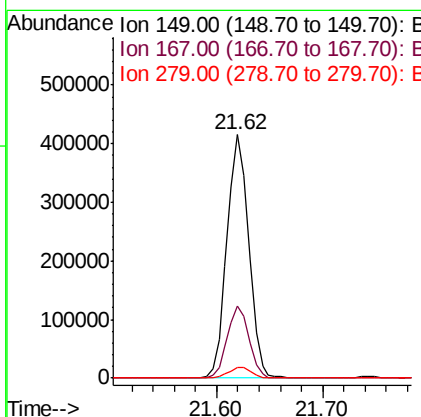
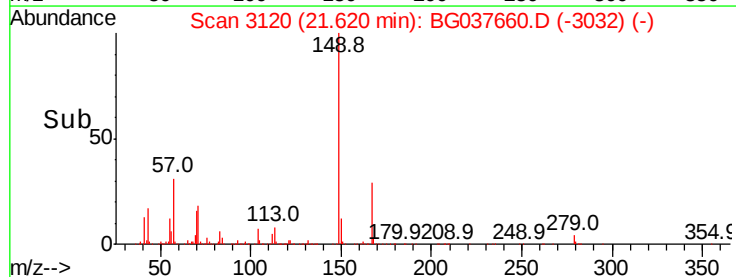
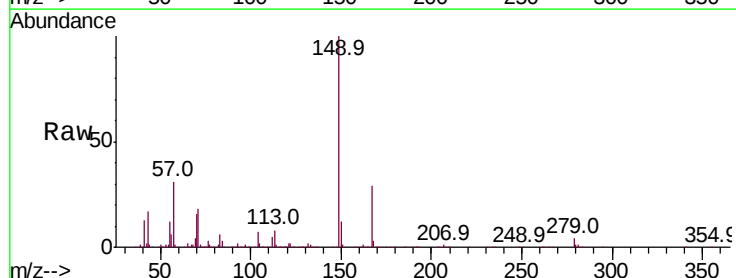
Manual Integrations
APPROVED

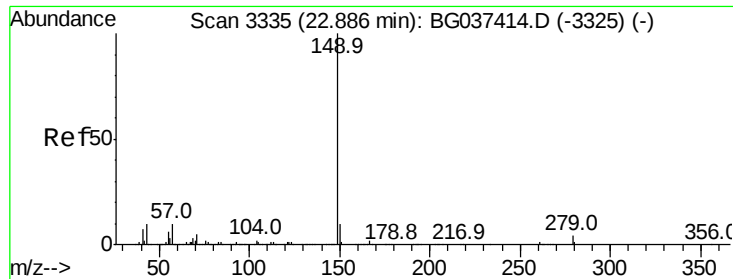
Sohil
10/31/2018 11:54:15 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.433 ng
RT: 21.62 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.0	34.4
279	4.4	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 46.265 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

ClientSampleId :

PB114322BSD

Tot Ion:149 Resp: 1004833

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

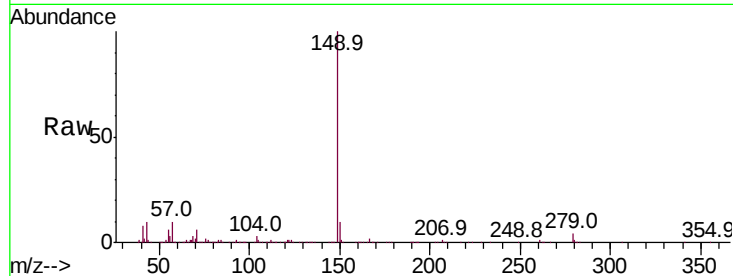
43 10.0 8.7 13.1

Manual Integrations

APPROVED

Sohil

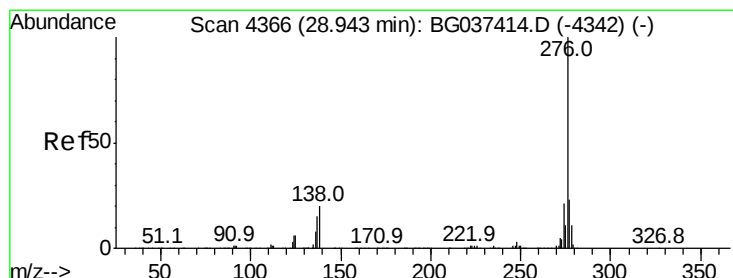
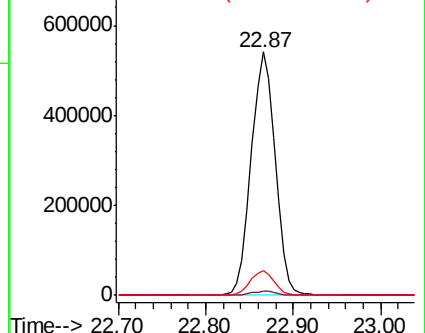
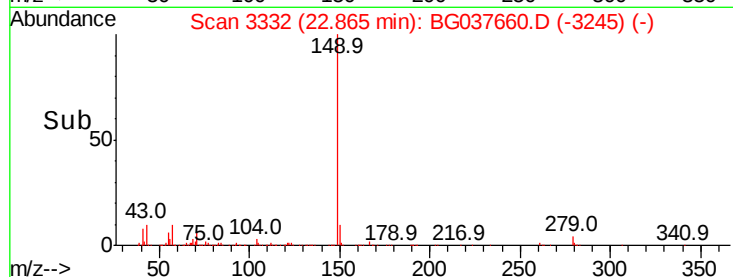
10/31/2018 11:54:15 AM



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: 42.233 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

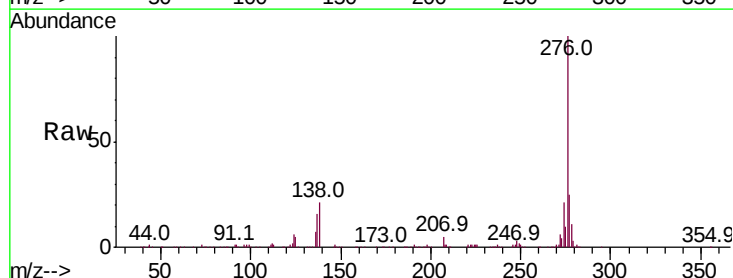
Tgt Ion:276 Resp: 915024

Ion Ratio Lower Upper

276 100

138 25.3 12.0 18.0#

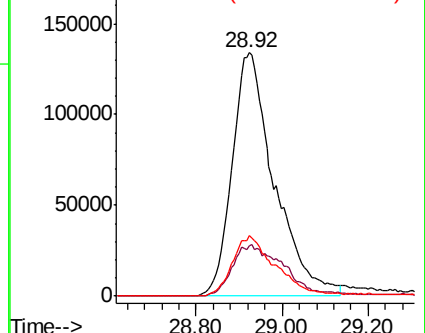
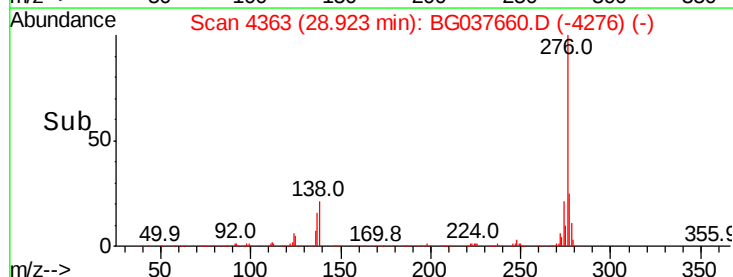
277 25.5 20.6 30.8

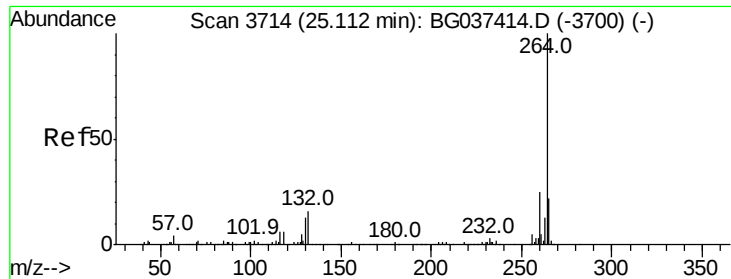


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3713

Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Instrument :

BNA_G

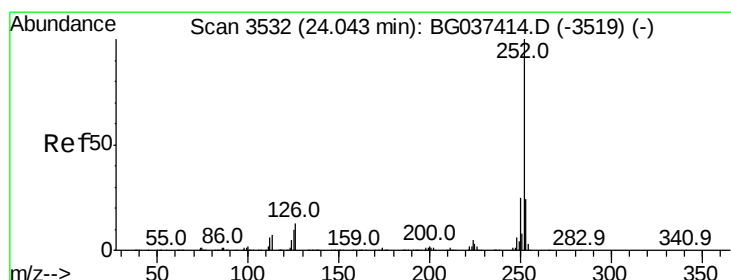
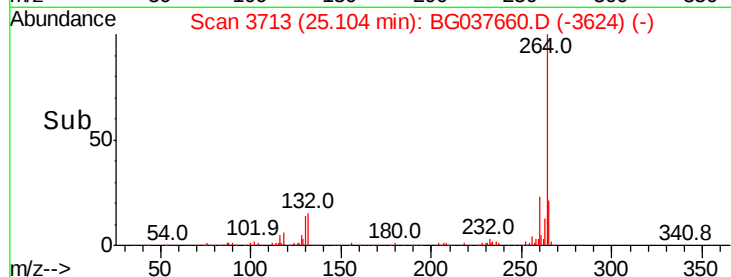
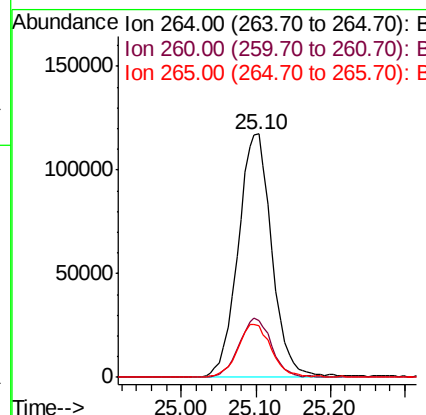
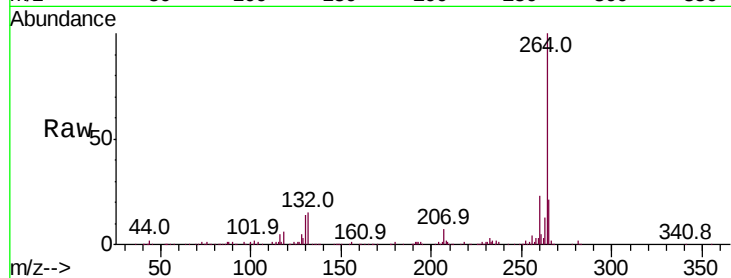
ClientSampleId :

PB114322BSD

Tot Ion:	264	Resp:	367231
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	21.2	17.9	26.9

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#88

Benzo(b)fluoranthene

Concen: 44.918 ng

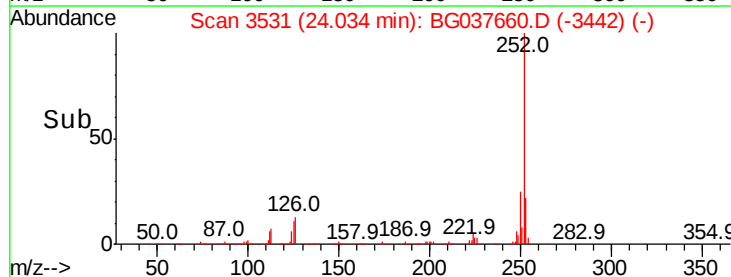
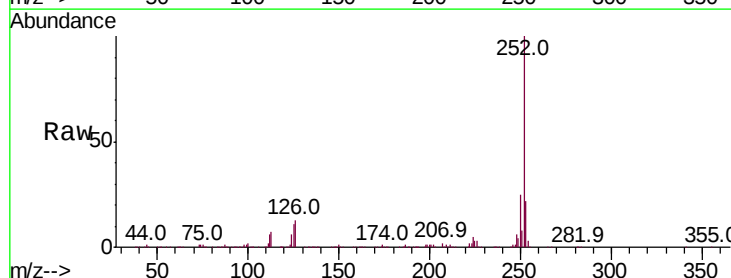
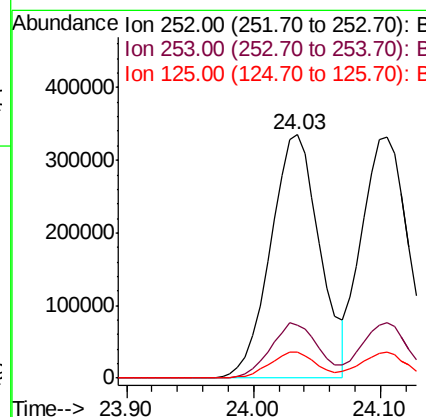
RT: 24.03 min Scan# 3531

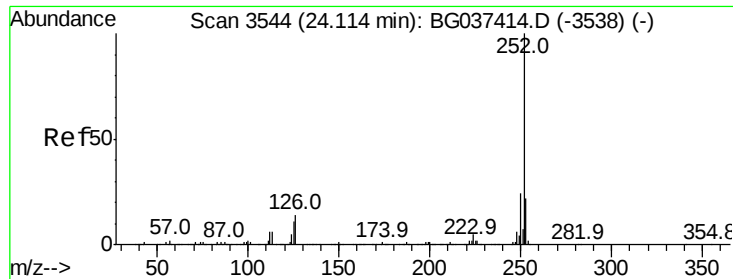
Delta R.T. -0.01 min

Lab File: BG037660.D

Acq: 30 Oct 2018 19:16

Tgt Ion:	252	Resp:	904337
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.2
125	10.7	7.8	11.6





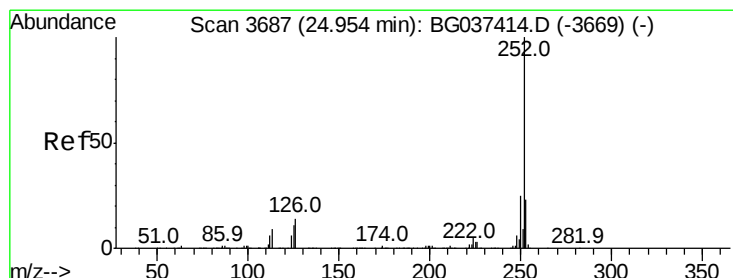
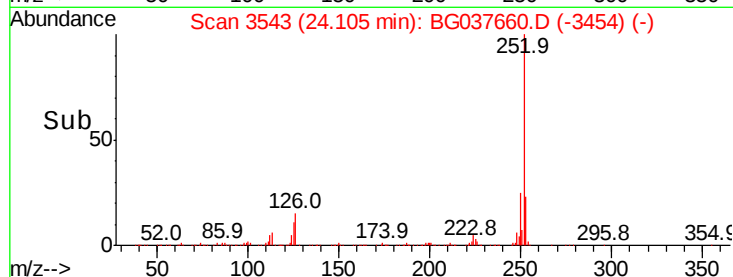
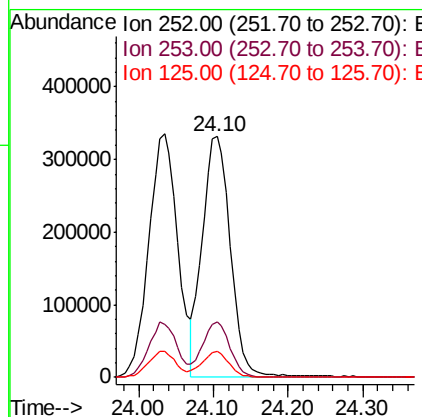
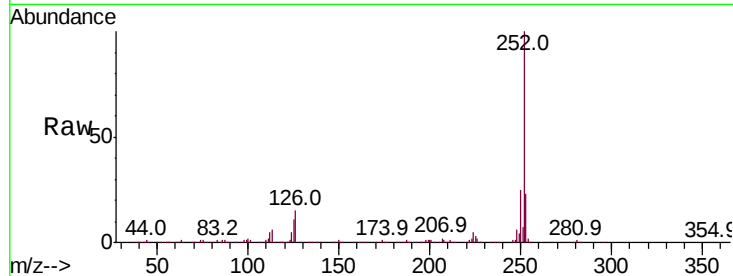
#89
Benzo(k)fluoranthene
Concen: 43.601 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.8	7.4	11.0

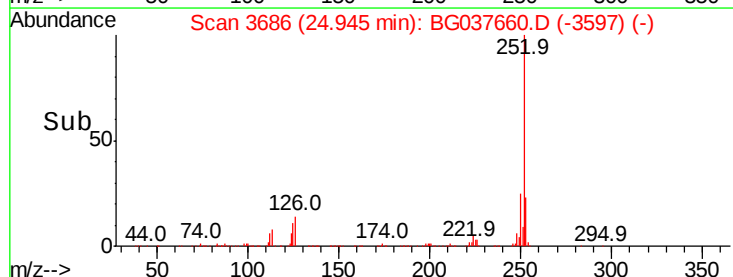
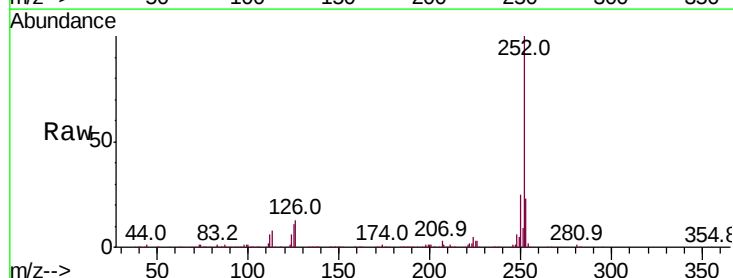
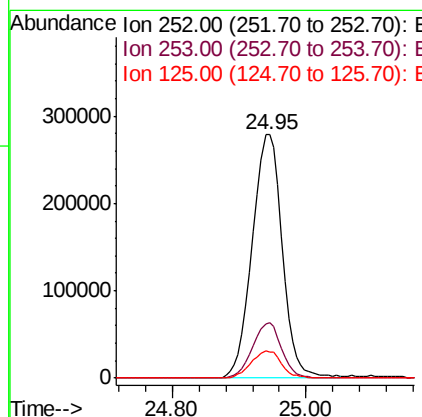
Manual Integrations
APPROVED

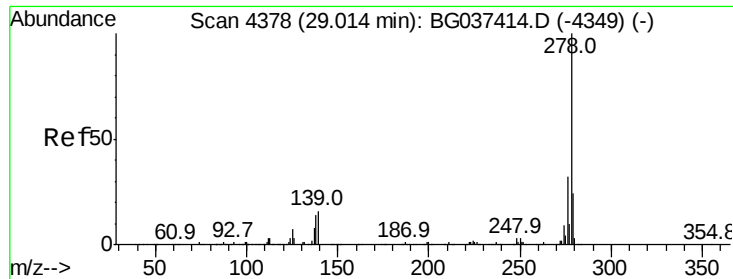
Sohil
10/31/2018 11:54:15 AM



#90
Benzo(a)pyrene
Concen: 45.084 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	10.7	9.0	13.6





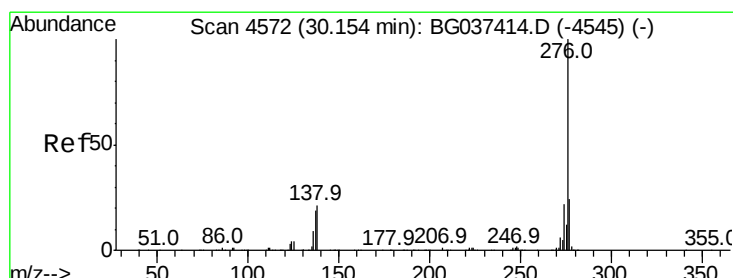
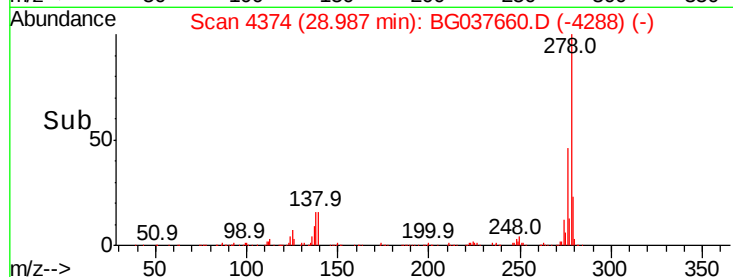
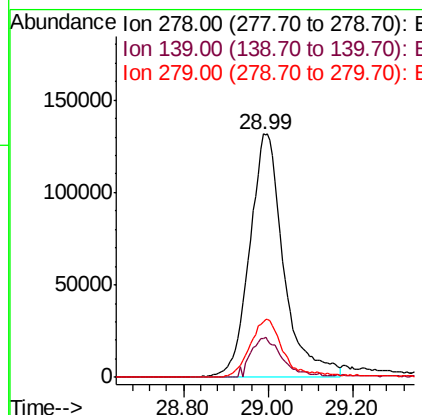
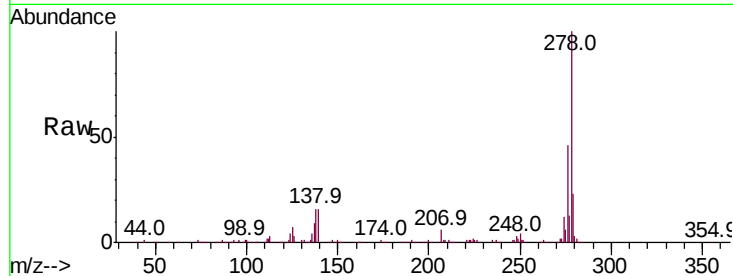
#91
Dibenzo(a,h)anthracene
Concen: 42.097 ng
RT: 28.99 min Scan# 4374
Delta R.T. -0.03 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Instrument :
BNA_G
ClientSampleId :
PB114322BSD

Tot Ion:	278	Resp:	742885
Ion Ratio	Lower	Upper	
278	100		
139	16.0	11.5	17.3
279	22.6	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:15 AM



#92
Benzo(g,h,i)perylene
Concen: 41.955 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037660.D
Acq: 30 Oct 2018 19:16

Tgt Ion:	276	Resp:	749047
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.9	28.3
138	22.4	17.2	25.8

