

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031380.D
 Acq On : 6 Dec 2017 20:50
 Operator : SJ/JU
 Sample : I6718-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2041MSD

Manual Integrations
 APPROVED

Sohil
 12/7/2017 11:37:29 AM

Quant Time: Dec 07 03:33:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	71300	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	305480	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	201114	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	518775	20.00	ng	0.00
75) Chrysene-d12	21.77	240	565047	20.00	ng	0.00
86) Perylene-d12	25.07	264	551721	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	566850	136.33	ng	0.00
7) Phenol-d6	7.30	99	693629	123.82	ng	0.00
23) Nitrobenzene-d5	9.30	82	472582	91.67	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	362665	111.47	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1302696	93.07	ng	0.00
78) Terphenyl-d14	20.08	244	2223294	86.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	65265	38.679	ng	84
3) Pyridine	3.96	79	140305	28.642	ng	89
4) n-Nitrosodimethylamine	3.87	42	93613	40.322	ng	# 95
6) Aniline	7.45	93	96162	13.044	ng	94
8) 2-Chlorophenol	7.70	128	215819	47.034	ng	88
9) Benzaldehyde	7.26	77	63755	16.264	ng	89
10) Phenol	7.33	94	247260	42.503	ng	94
11) bis(2-Chloroethyl)ether	7.54	93	203754	43.866	ng	91
12) 1,3-Dichlorobenzene	8.01	146	231509	43.002	ng	95
13) 1,4-Dichlorobenzene	8.16	146	237651	43.562	ng	95
14) 1,2-Dichlorobenzene	8.48	146	224847	42.940	ng	96
15) Benzyl Alcohol	8.37	79	186647	41.539	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	301280	58.722	ng	94
17) 2-Methylphenol	8.58	107	180833	44.639	ng	96
18) Hexachloroethane	9.21	117	84271	44.382	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	161963	38.026	ng	# 95
20) 3+4-Methylphenols	8.91	107	247423	42.953	ng	94
22) Acetophenone	8.95	105	312904	41.138	ng	# 93
24) Nitrobenzene	9.34	77	242400	46.031	ng	91
25) Isophorone	9.86	82	455403	45.295	ng	# 93
26) 2-Nitrophenol	10.05	139	126548	46.103	ng	# 88
27) 2,4-Dimethylphenol	10.11	122	208226	51.098	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	284588	44.942	ng	95
29) 2,4-Dichlorophenol	10.60	162	243412	49.743	ng	91
30) 1,2,4-Trichlorobenzene	10.81	180	266022	45.534	ng	98
31) Naphthalene	10.99	128	674038	44.885	ng	98
32) Benzoic acid	10.25	122	18042	10.350	ng	92
33) 4-Chloroaniline	11.12	127	19257	2.929	ng	95
34) Hexachlorobutadiene	11.27	225	174577	43.087	ng	96
35) Caprolactam	11.89	113	66377	33.205	ng	# 81
36) 4-Chloro-3-methylphenol	12.23	107	246757	46.331	ng	89
37) 2-Methylnaphthalene	12.59	142	518738	44.747	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	318051	39.846	ng	97
40) Hexachlorocyclopentadiene	12.93	237	283756	93.971	ng	91

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031380.D
 Acq On : 6 Dec 2017 20:50
 Operator : SJ/JU
 Sample : I6718-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2041MSD

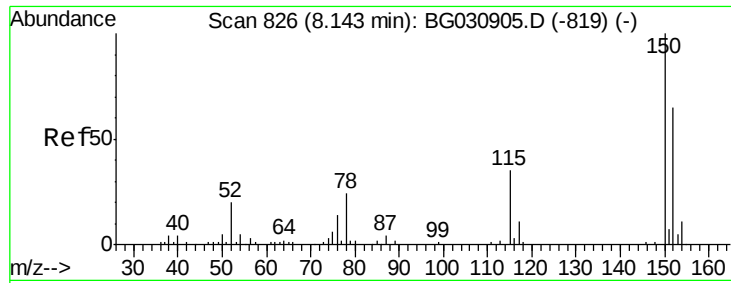
Manual Integrations
 APPROVED

Sohil
 12/7/2017 11:37:29 AM

Quant Time: Dec 07 03:33:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	218184	47.815	nq	99
43) 2,4,5-Trichlorophenol	13.28	196	230551	46.178	nq	92
45) 1,1'-Biphenyl	13.58	154	681473	40.863	nq	97
46) 2-Chloronaphthalene	13.63	162	571690	47.512	nq	96
47) 2-Nitroaniline	13.84	65	163549	45.858	nq #	81
48) Acenaphthylene	14.48	152	855735	43.452	nq	98
49) Dimethylphthalate	14.20	163	752415	43.269	nq	98
50) 2,6-Dinitrotoluene	14.32	165	172774	48.205	nq #	80
51) Acenaphthene	14.81	154	529992	43.090	nq	98
52) 3-Nitroaniline	14.67	138	47834	12.569	nq #	78
53) 2,4-Dinitrophenol	14.88	184	48197	28.516	nq #	47
54) Dibenzofuran	15.15	168	886145	45.232	nq	99
55) 4-Nitrophenol	14.99	139	201037	74.157	nq #	79
56) 2,4-Dinitrotoluene	15.12	165	245270	47.335	nq #	76
57) Fluorene	15.79	166	711874	44.757	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	229689	48.271	nq #	91
59) Diethylphthalate	15.55	149	756014	42.801	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	428011	44.557	nq	93
61) 4-Nitroaniline	15.82	138	167707	41.616	nq	94
62) Azobenzene	16.07	77	618317	45.900	nq	96
64) 4,6-Dinitro-2-methylphenol	15.89	198	65599	19.024	nq	79
65) n-Nitrosodiphenylamine	15.99	169	649552	41.320	nq	100
66) 4-Bromophenyl-phenylether	16.67	248	285479	43.449	nq	95
67) Hexachlorobenzene	16.80	284	282906	40.522	nq	96
68) Atrazine	16.94	200	270920	41.770	nq	95
69) Pentachlorophenol	17.15	266	206102	53.406	nq	99
70) Phenanthrene	17.53	178	1208408	44.738	nq	97
71) Anthracene	17.63	178	1231809	45.513	nq	98
72) Carbazole	17.90	167	1115984	44.006	nq	98
73) Di-n-butylphthalate	18.43	149	1309728	42.063	nq	99
74) Fluoranthene	19.54	202	1547350	45.245	nq	97
76) Benzidine	19.72	184	114166m	6.290	nq	
77) Pyrene	19.90	202	1570574	46.841	nq	95
79) Butylbenzylphthalate	20.76	149	611987	45.777	nq	86
80) Benzo(a)anthracene	21.75	228	1569896	44.728	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	266367	18.801	nq	99
82) Chrysene	21.82	228	1477954	45.521	nq	95
83) Bis(2-ethylhexyl)phthalate	21.62	149	846089	43.844	nq	99
84) Di-n-octyl phthalate	22.84	149	1421733	45.264	nq #	95
85) Indeno(1,2,3-cd)pyrene	28.86	276	1692620	42.883	nq	99
87) Benzo(b)fluoranthene	24.02	252	1556637	46.643	nq	99
88) Benzo(k)fluoranthene	24.08	252	1539248	46.531	nq	98
89) Benzo(a)pyrene	24.91	252	1518936	47.909	nq	99
90) Dibenzo(a,h)anthracene	28.91	278	1420796	43.844	nq	97
91) Benzo(g,h,i)perylene	30.04	276	1368416	43.509	nq	98

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



#1

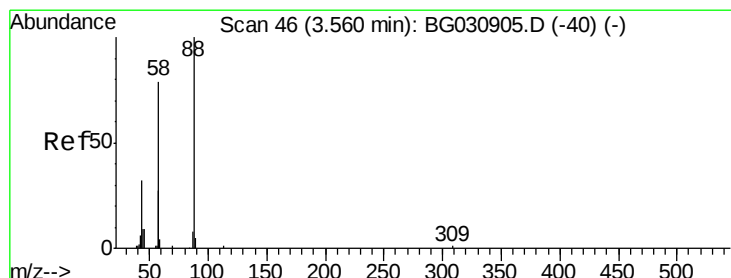
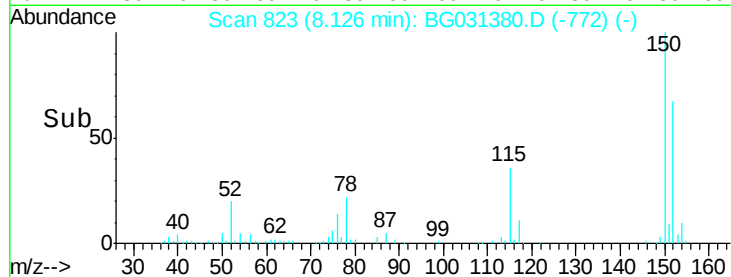
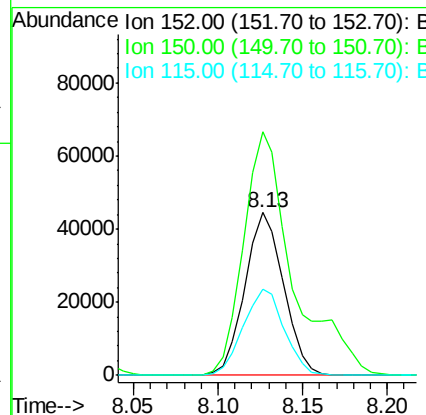
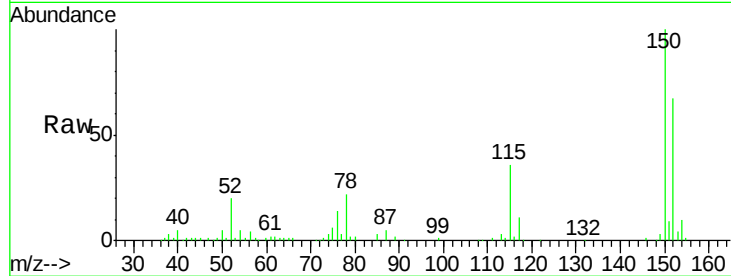
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampled :
2041MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	126.6	189.8
115	53.3	53.0	79.4

Manual Integrations
APPROVED

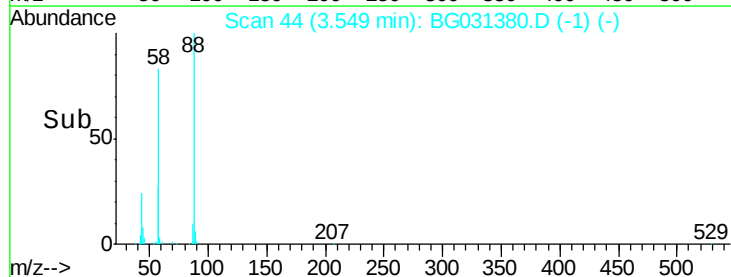
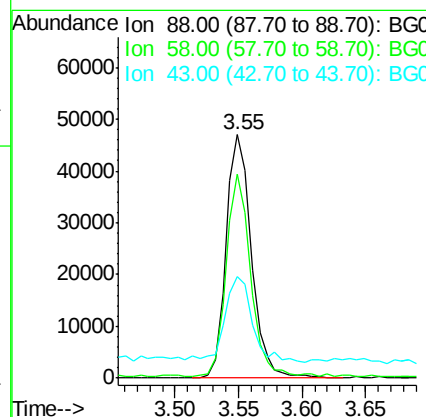
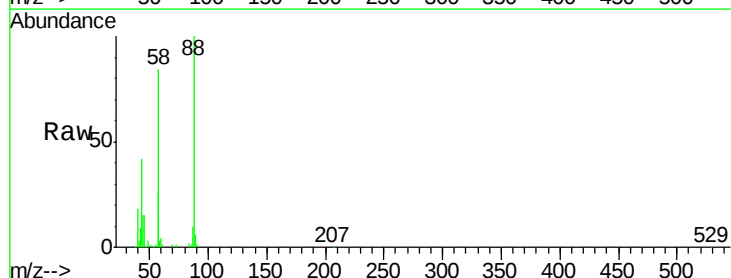
Sohil
12/7/2017 11:37:29 AM

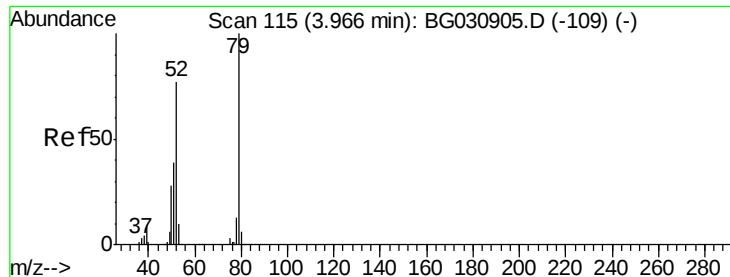


#2

1,4-Dioxane
Concen: 38.679 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.5	79.6	119.4
43	38.6	27.4	41.0





#3

Pvridine

Concen: 28.642 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.02 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

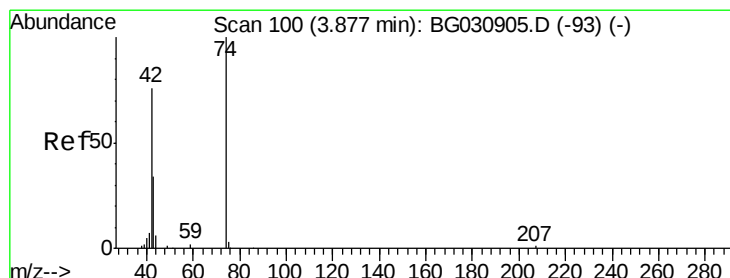
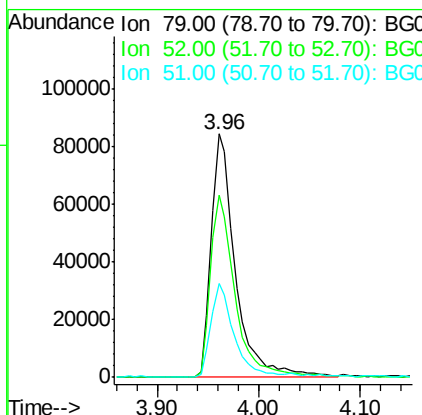
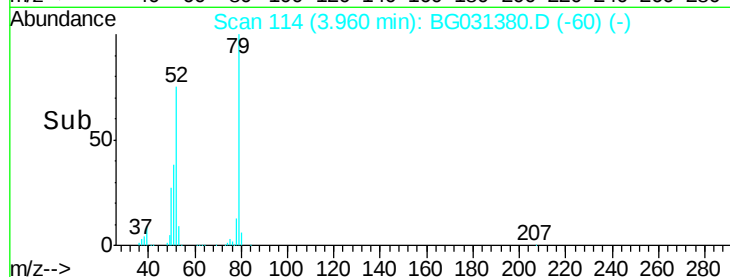
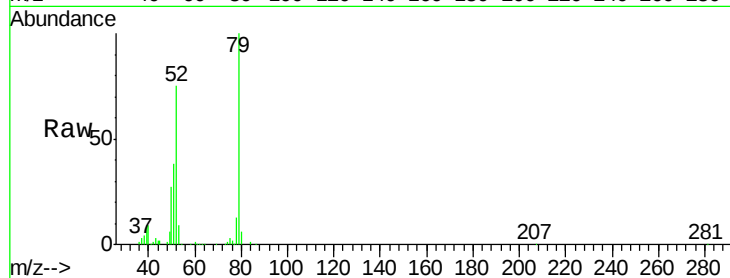
ClientSampleId :

2041MSD

Tot Ion:	79	Resp:	140305
Ion	Ratio	Lower	Upper
79	100		
52	75.0	69.9	104.9
51	38.5	34.0	51.0

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



#4

n-Nitrosodimethylamine

Concen: 40.322 ng

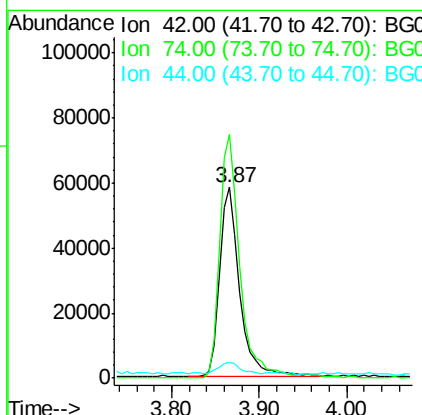
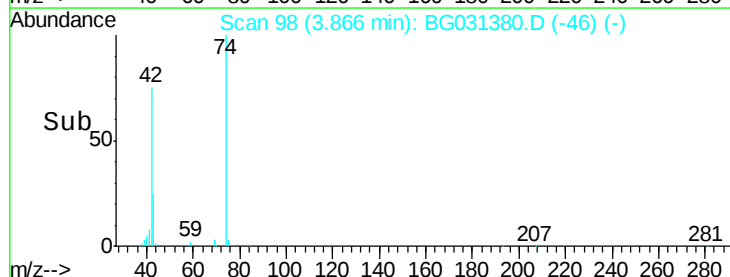
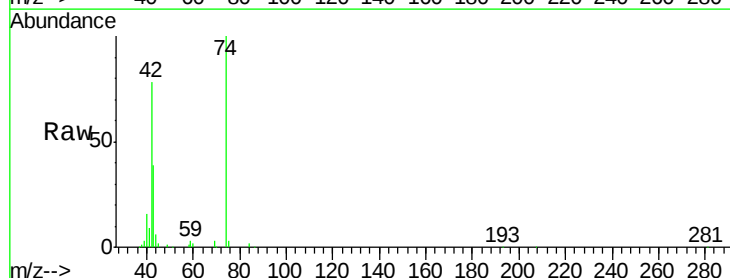
RT: 3.87 min Scan# 98

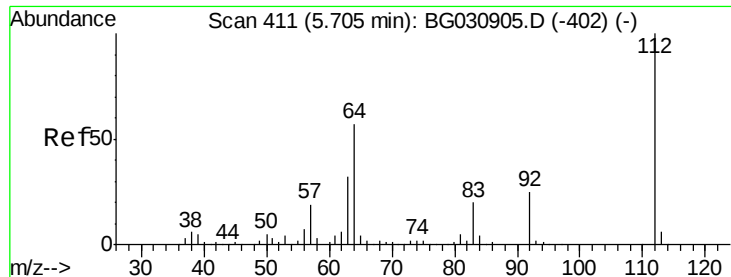
Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion:	42	Resp:	93613
Ion	Ratio	Lower	Upper
42	100		
74	127.6	102.5	153.7
44	8.2	18.9	28.3#





#5

2-Fluorophenol

Concen: 136.327 ng

RT: 5.69 min Scan# 409

Delta R.T. 0.01 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

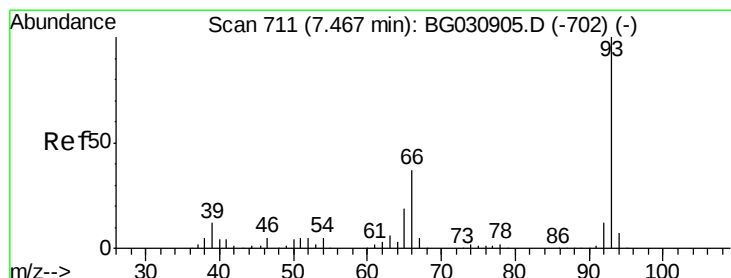
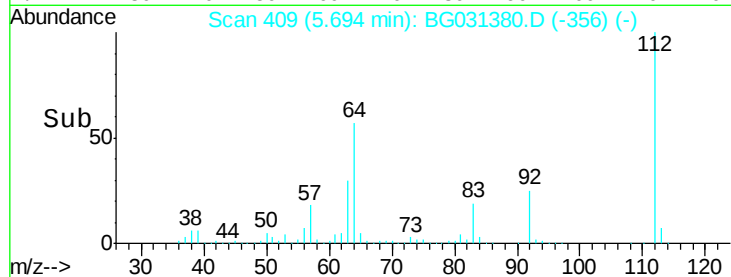
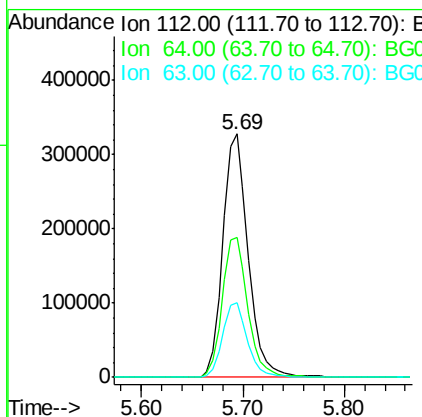
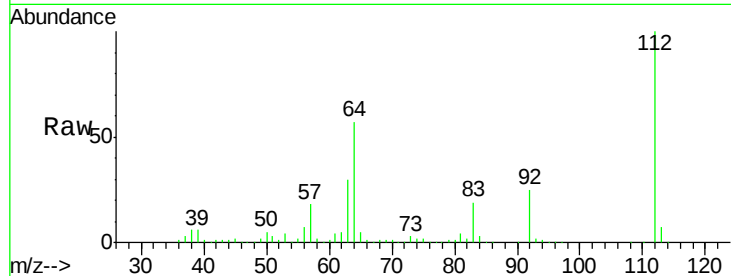
ClientSampled :

2041MSD

Tot Ion:	112	Resp:	566850
Ion Ratio	Lower	Upper	
112	100		
64	57.4	56.3	84.5
63	30.5	30.1	45.1

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



#6

Aniline

Concen: 13.044 ng

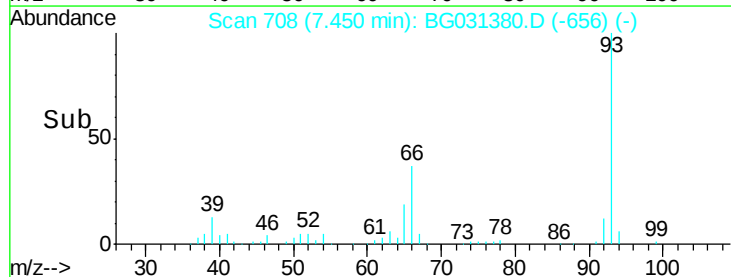
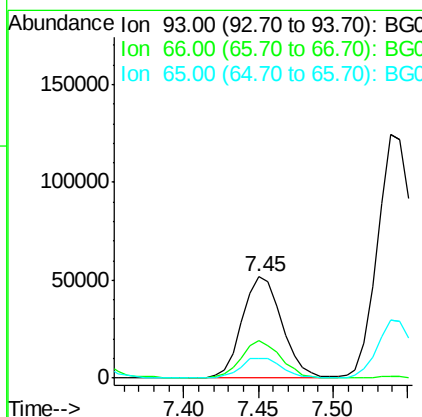
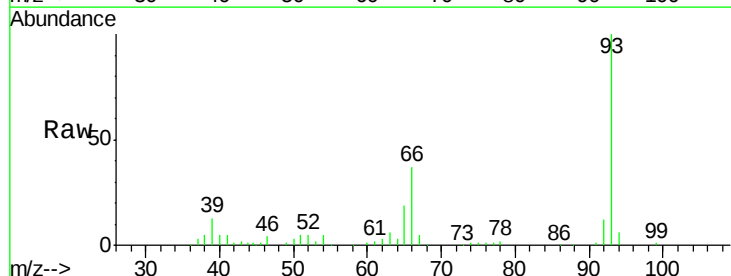
RT: 7.45 min Scan# 708

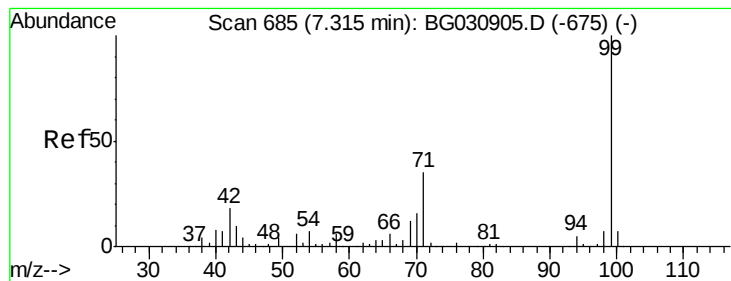
Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion:	93	Resp:	96162
Ion Ratio	Lower	Upper	
93	100		
66	37.1	33.7	50.5
65	19.0	16.1	24.1





#7

Phenol-d6

Concen: 123.824 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

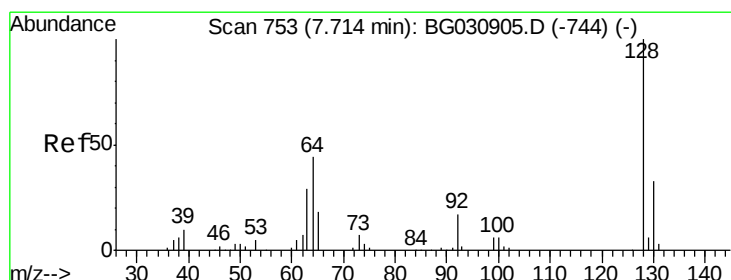
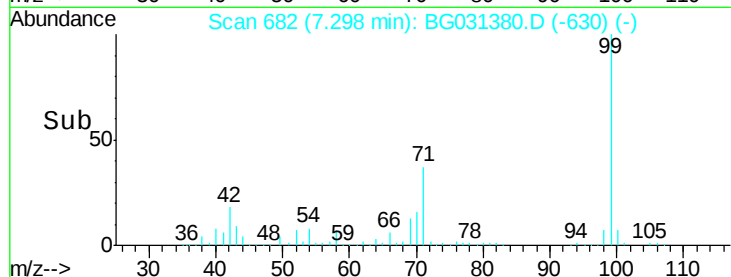
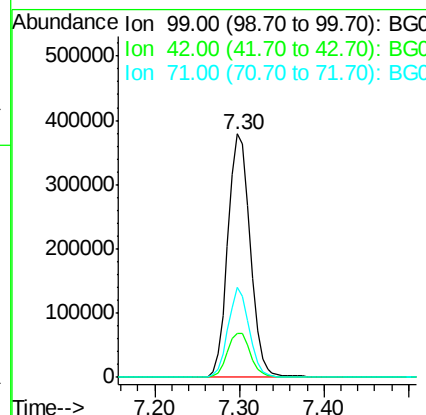
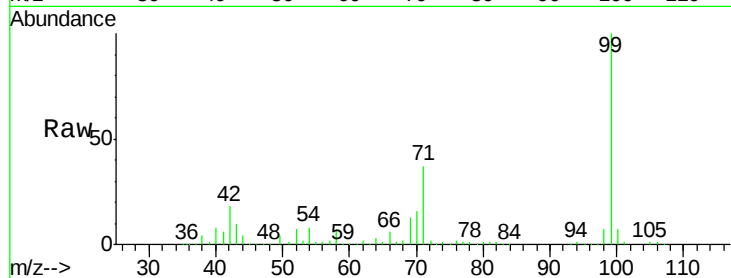
ClientSampleId :

2041MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		693629		
42	18.2	14.1	21.1		
71	36.8	26.1	39.1		

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



#8

2-Chlorophenol

Concen: 47.034 ng

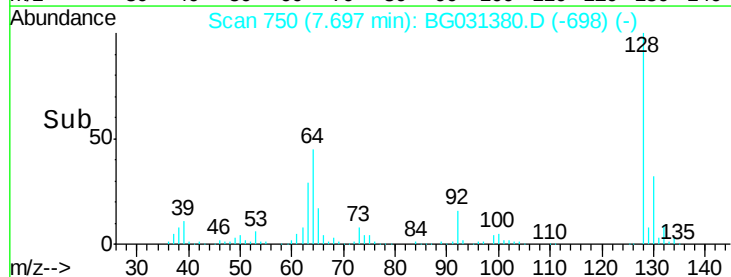
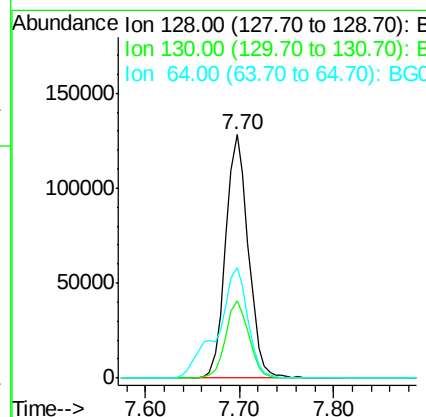
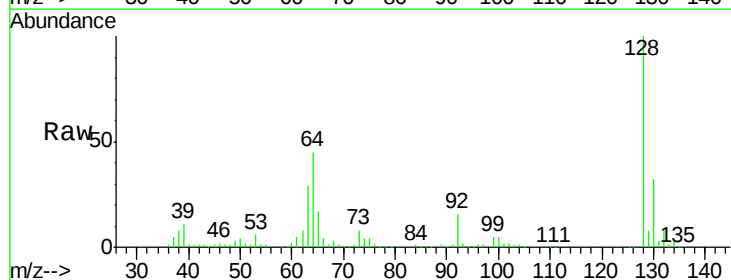
RT: 7.70 min Scan# 750

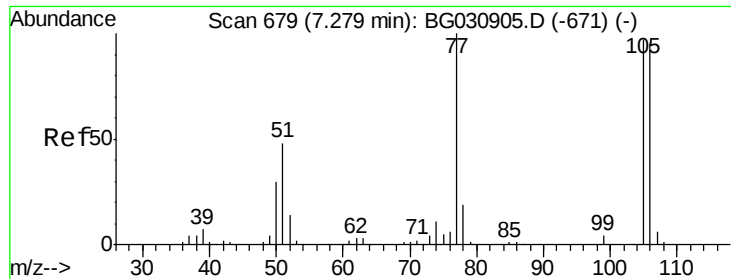
Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		215819		
130	31.6	14.0	54.0		
64	45.4	37.7	77.7		





#9

Benzaldehyde

Concen: 16.264 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampled :

2041MSD

Tot Ion: 77 Resp: 63755

Ion Ratio Lower Upper

77 100

105 102.4 71.3 111.3

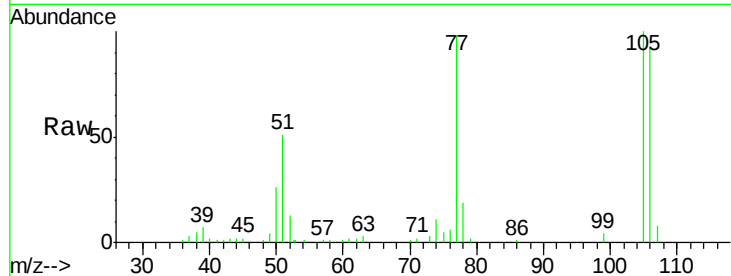
106 94.1 64.2 104.2

Manual Integrations

APPROVED

Sohil

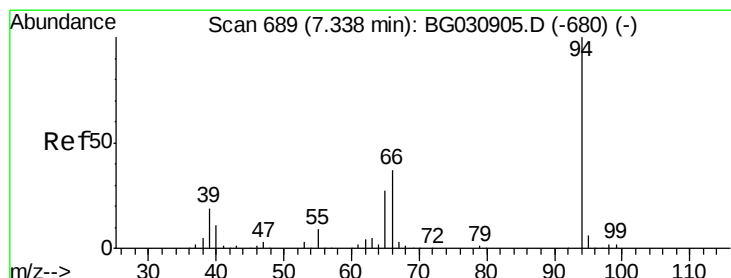
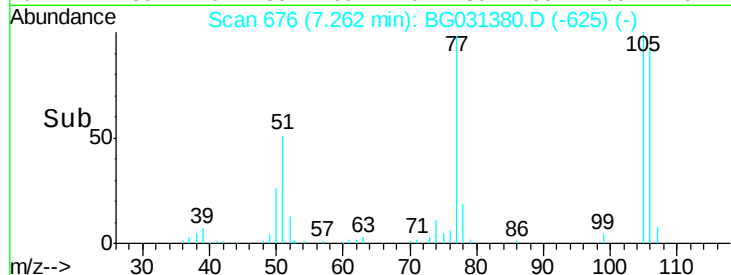
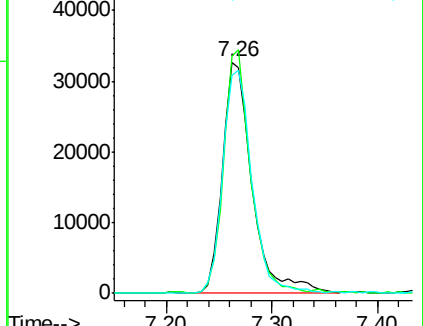
12/7/2017 11:37:29 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.503 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

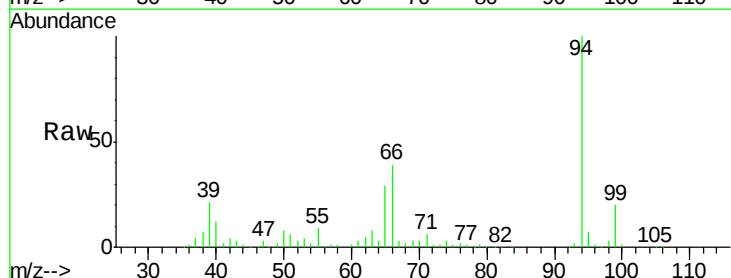
Tgt Ion: 94 Resp: 247260

Ion Ratio Lower Upper

94 100

65 28.8 11.9 51.9

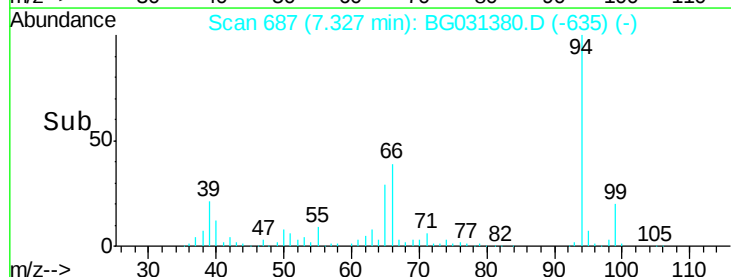
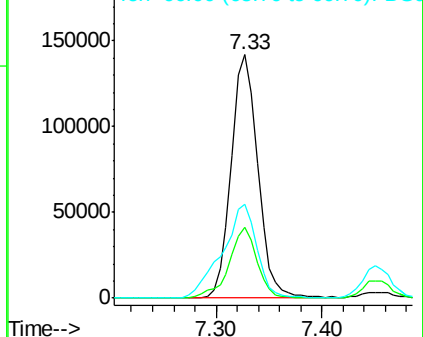
66 38.5 22.2 62.2

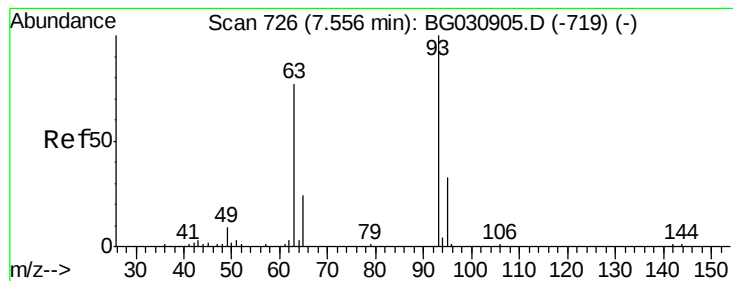


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





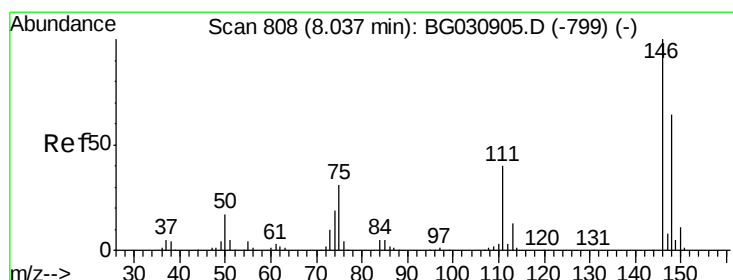
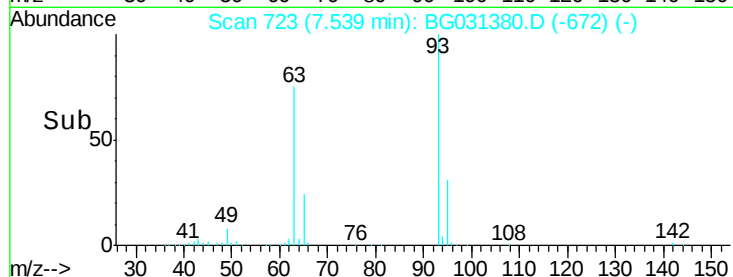
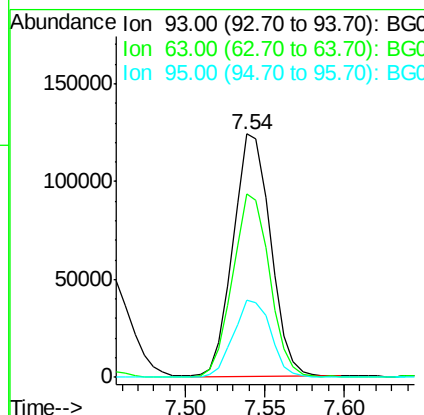
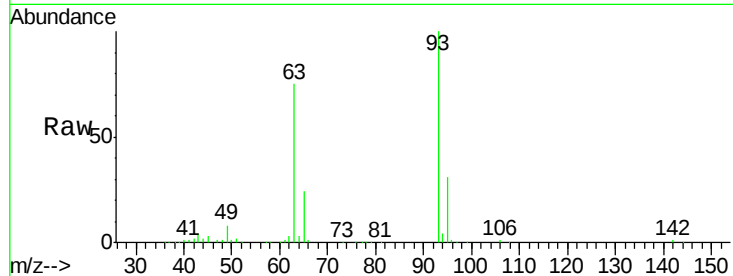
#11
bis(2-Chloroethyl)ether
Concen: 43.866 ng
RT: 7.54 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	67.1	107.1
95	31.5	11.5	51.5

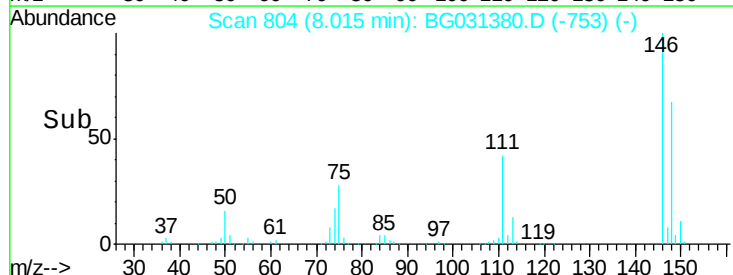
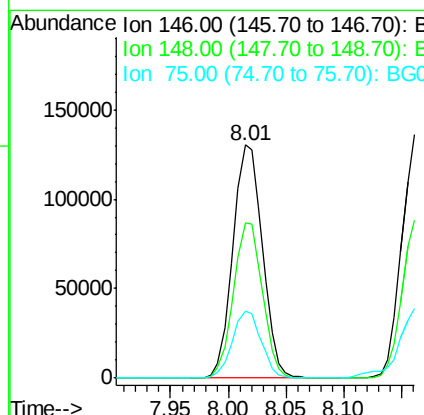
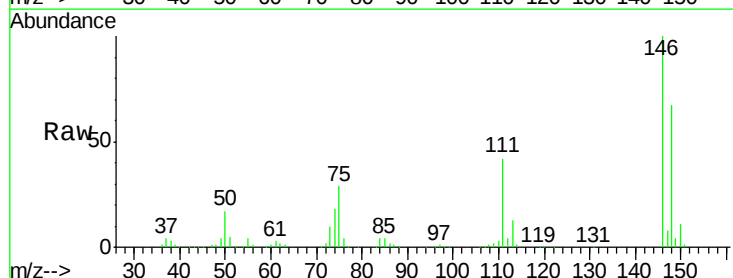
Manual Integrations
APPROVED

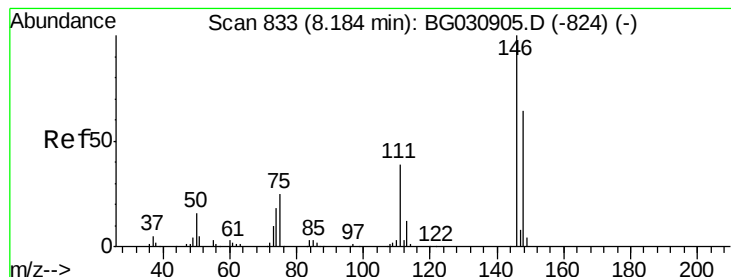
Sohil
12/7/2017 11:37:29 AM



#12
1,3-Dichlorobenzene
Concen: 43.002 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.4	77.2
75	29.0	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 43.562 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

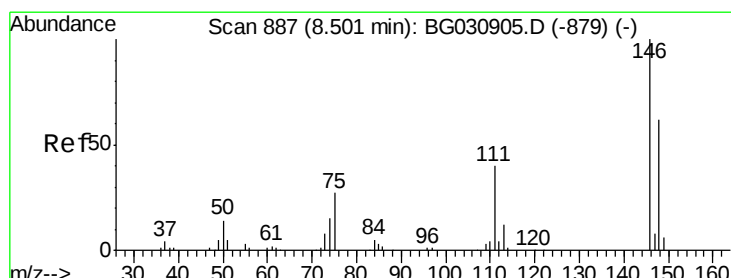
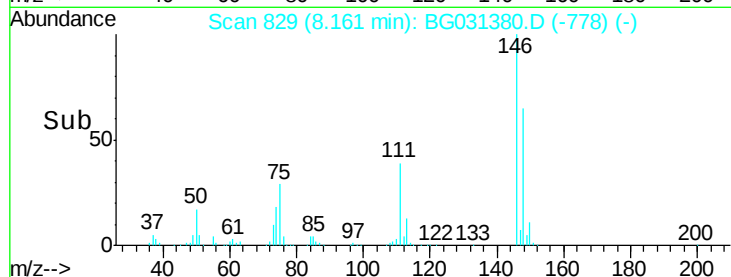
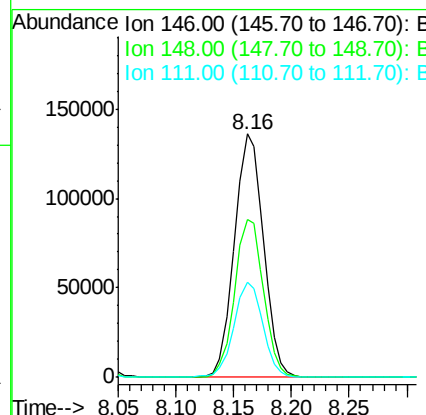
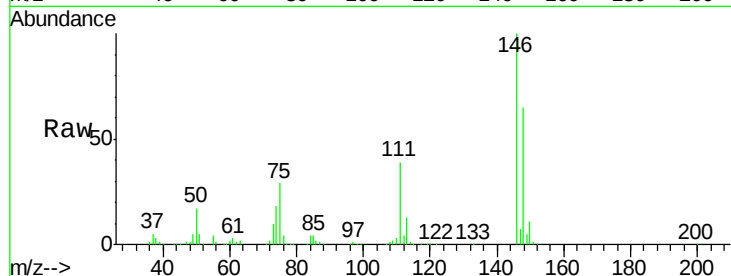
ClientSampleId :

2041MSD

Tot Ion:	146	Resp:	237651
Ion Ratio	Lower	Upper	
146	100		
148	64.8	53.7	80.5
111	39.2	35.2	52.8

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



#14

1,2-Dichlorobenzene

Concen: 42.940 ng

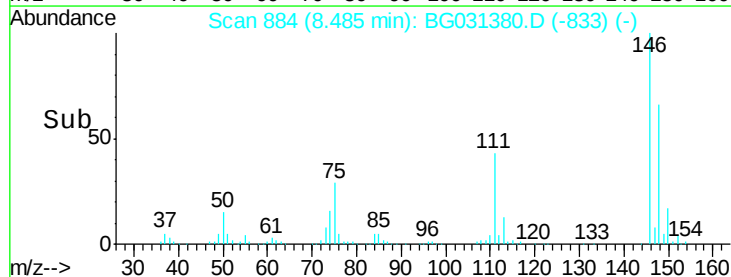
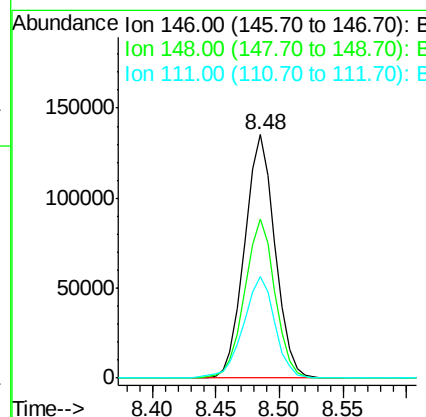
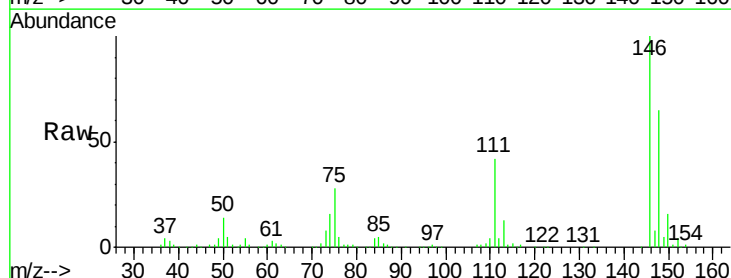
RT: 8.48 min Scan# 884

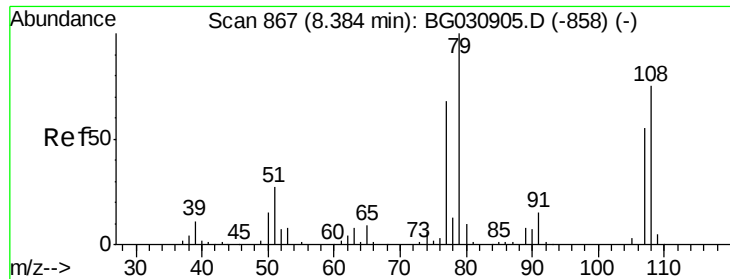
Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion:	146	Resp:	224847
Ion Ratio	Lower	Upper	
146	100		
148	65.3	49.3	73.9
111	41.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 41.539 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

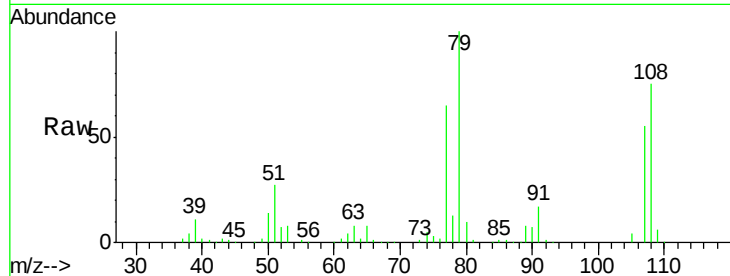
ClientSampled :

2041MSD

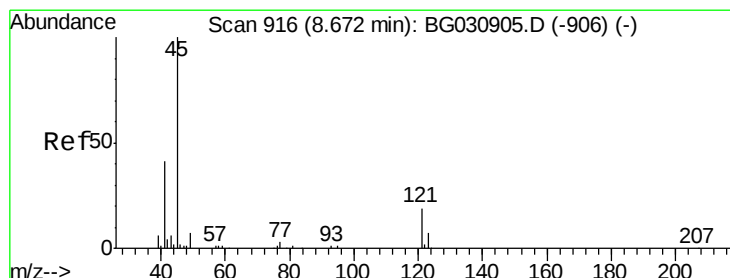
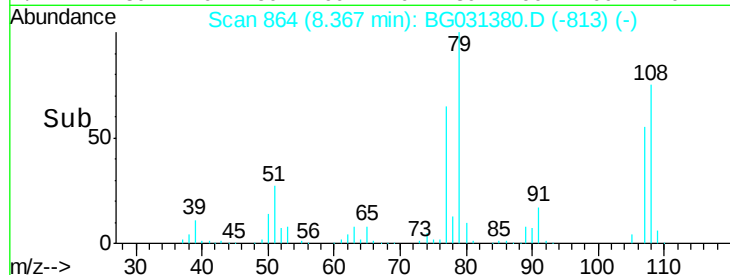
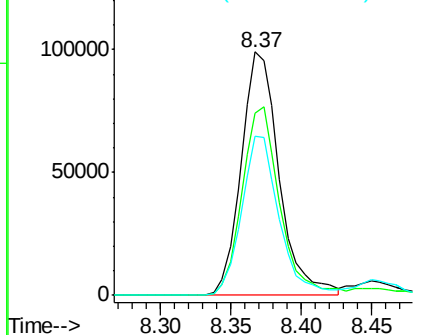
Tot Ion:	79	Resp:	186647
Ion Ratio	Lower	Upper	
79	100		
108	74.9	57.2	85.8
77	65.1	46.1	69.1

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.722 ng

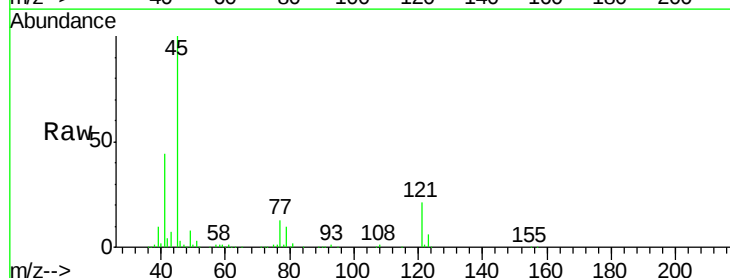
RT: 8.65 min Scan# 912

Delta R.T. -0.00 min

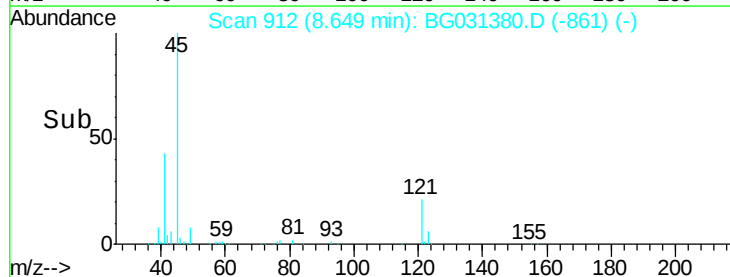
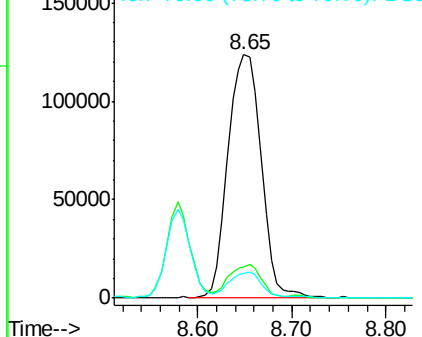
Lab File: BG031380.D

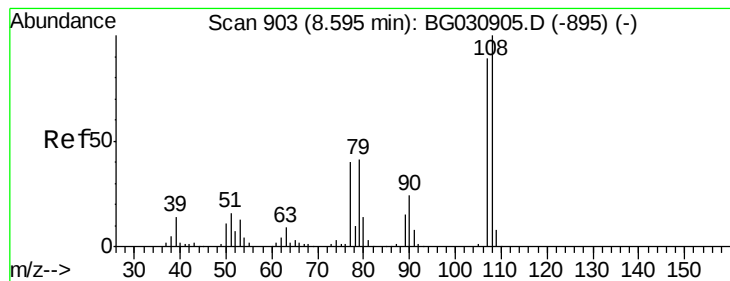
Acq: 6 Dec 2017 20:50

Tgt Ion:	45	Resp:	301280
Ion Ratio	Lower	Upper	
45	100		
77	12.7	0.0	30.2
79	10.0	0.0	27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





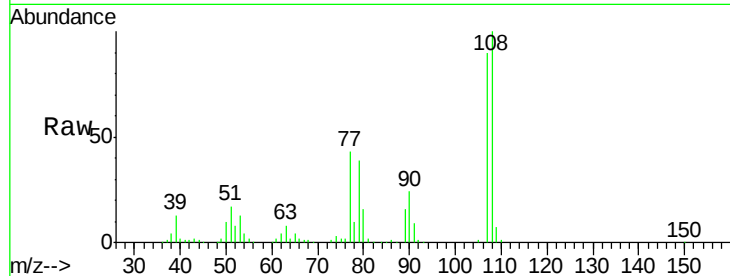
#17
2-Methylphenol
Concen: 44.639 ng
RT: 8.58 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	83.9	125.9	
77	47.6	37.2	55.8	
79	43.6	36.2	54.2	

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



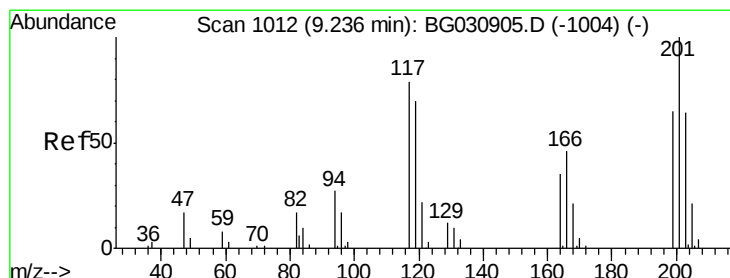
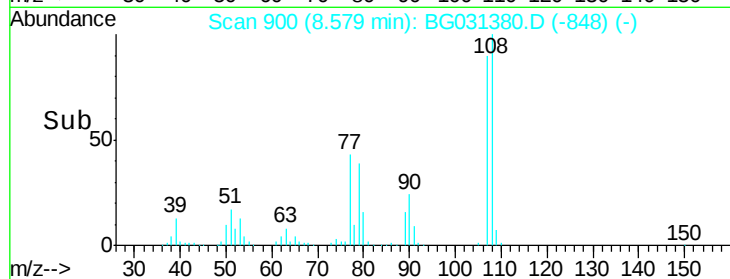
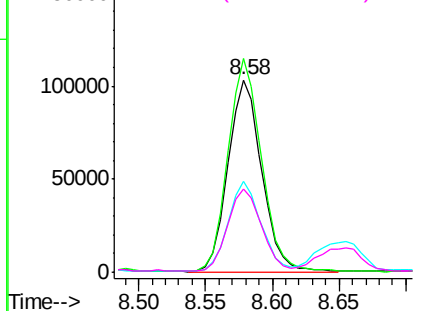
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 44.382 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

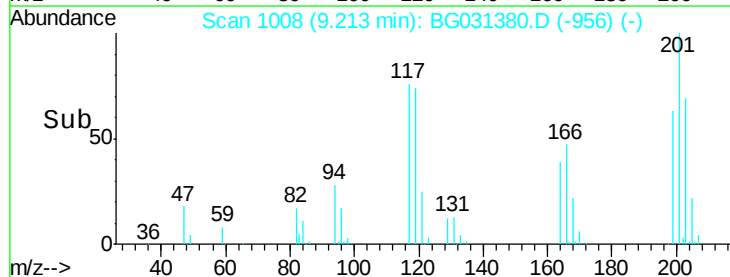
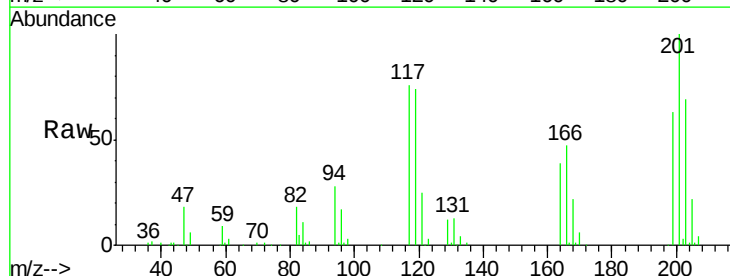
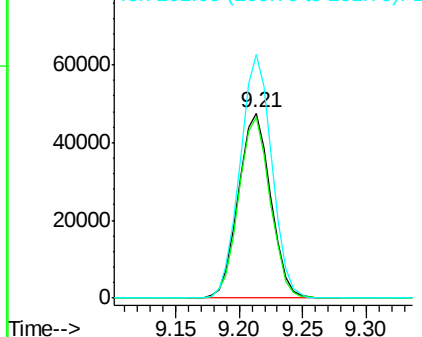
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	76.7	115.1	
201	131.6	95.7	143.5	

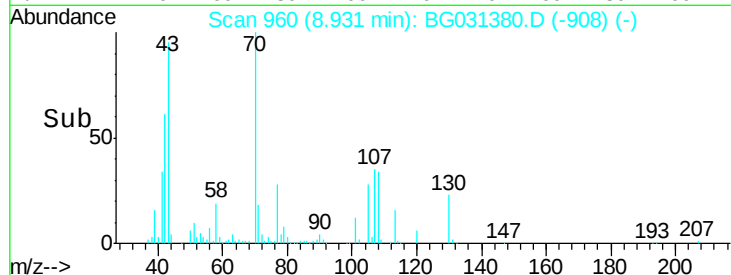
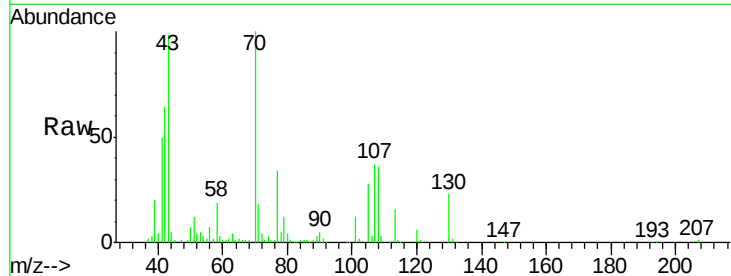
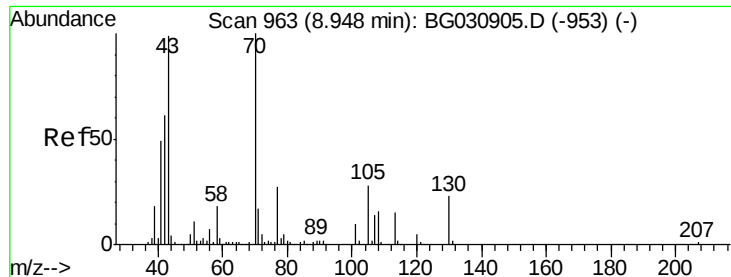
Abundance

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





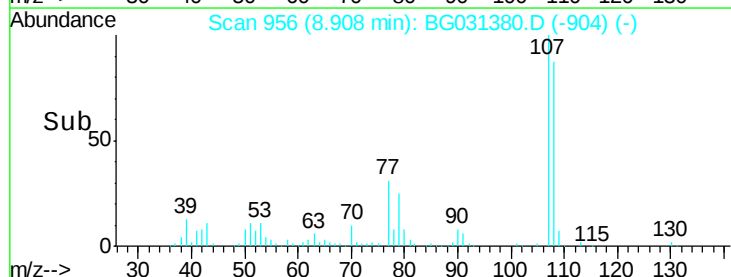
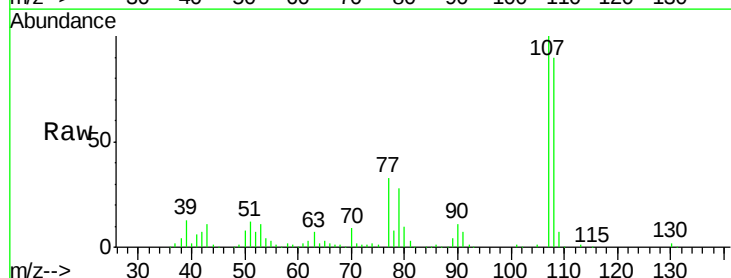
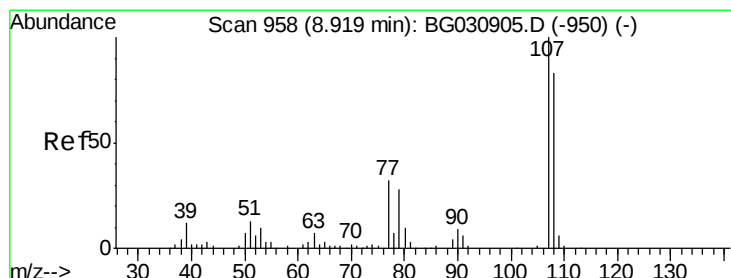
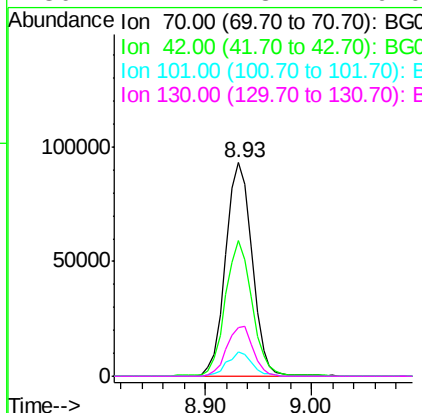
#19
n-Nitroso-di-n-propylamine
Concen: 38.026 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.8	49.1	73.7	
101	11.5	8.5	12.7	
130	22.7	13.4	20.0	

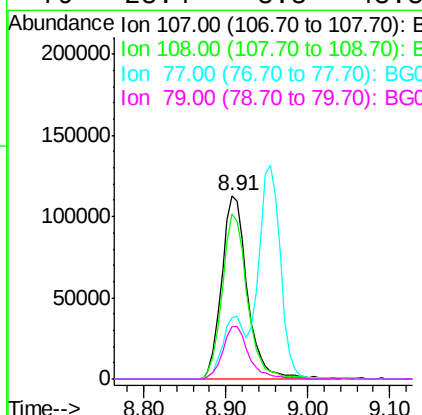
Manual Integrations
APPROVED

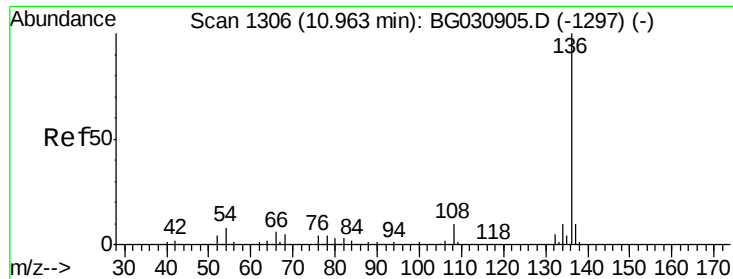
Sohil
12/7/2017 11:37:29 AM



#20
3+4-Methylphenols
Concen: 42.953 ng
RT: 8.91 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	61.6	101.6	
77	33.4	13.9	53.9	
79	28.4	8.8	48.8	





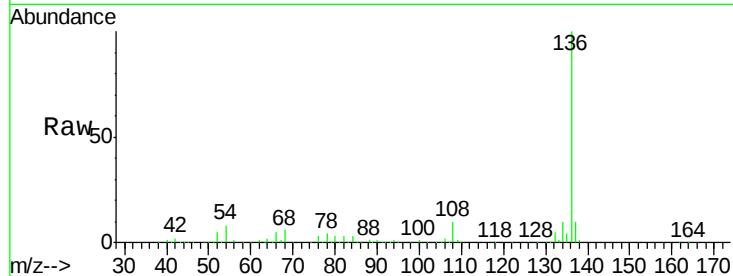
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

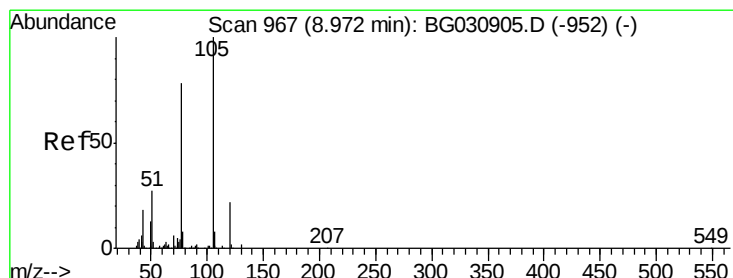
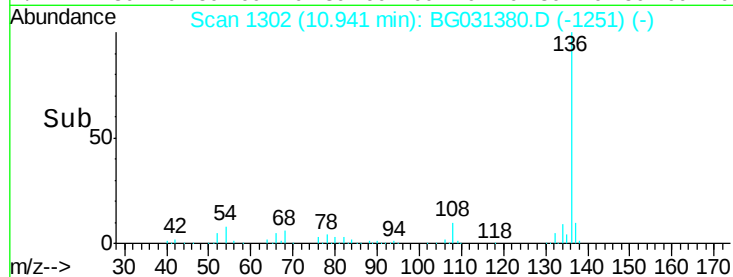
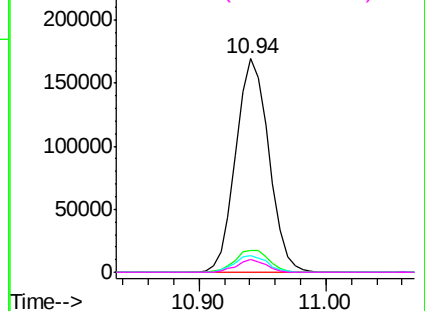
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.2	13.8	
54	7.6	10.3	15.5	
68	6.0	4.5	6.7	

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



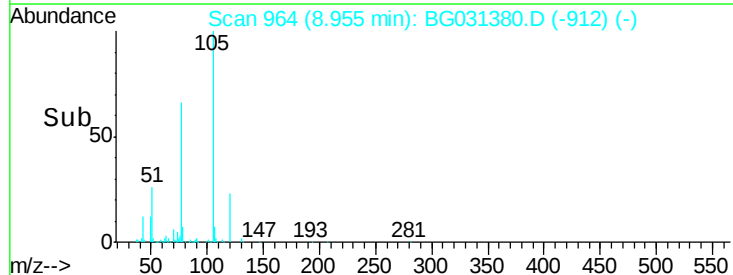
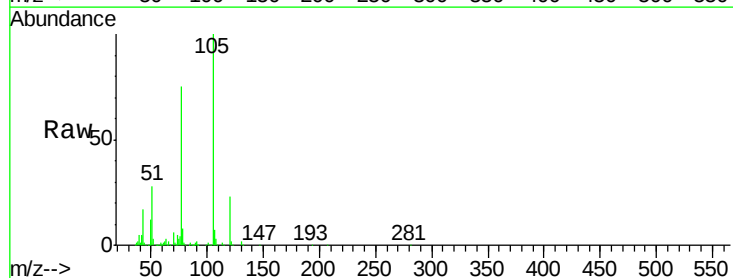
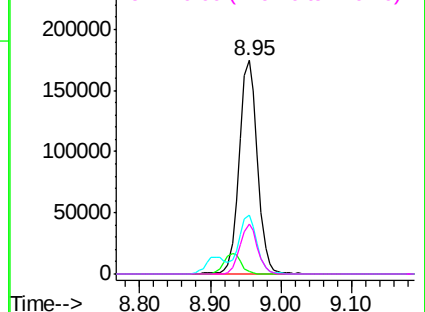
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

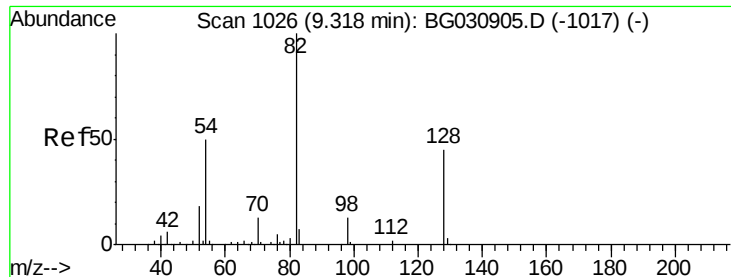


#22
Acetophenone
Concen: 41.138 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.3	3.0	4.4	
51	27.7	26.1	39.1	
120	23.3	17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





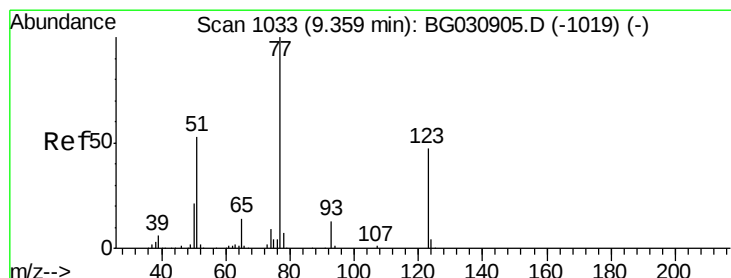
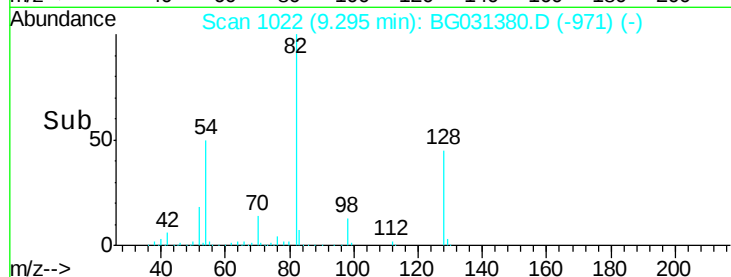
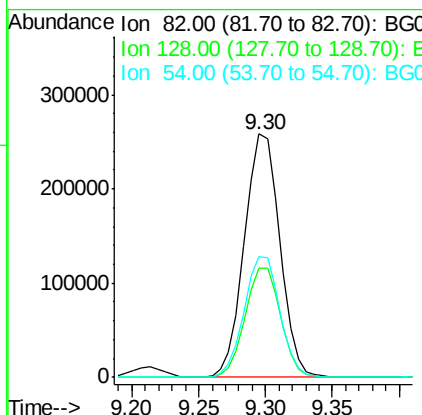
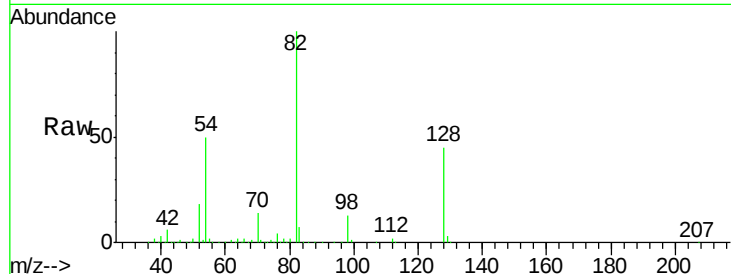
#23
Nitrobenzene-d5
Concen: 91.670 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	29.7	44.5#
54	49.7	43.1	64.7

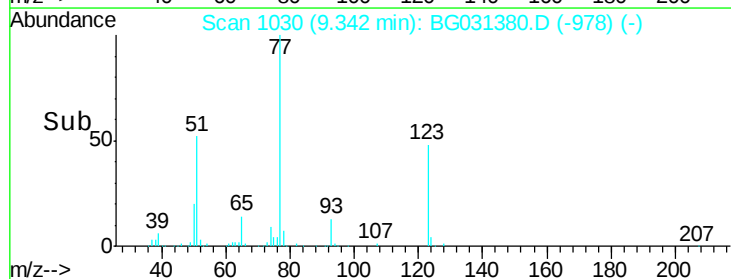
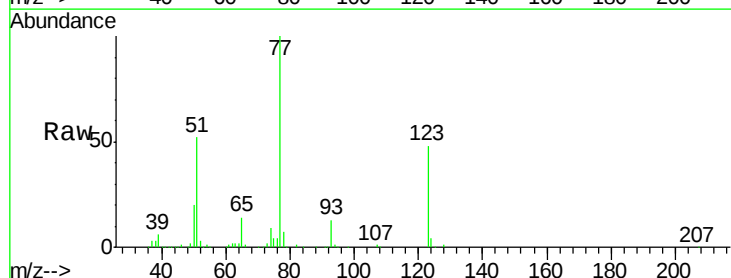
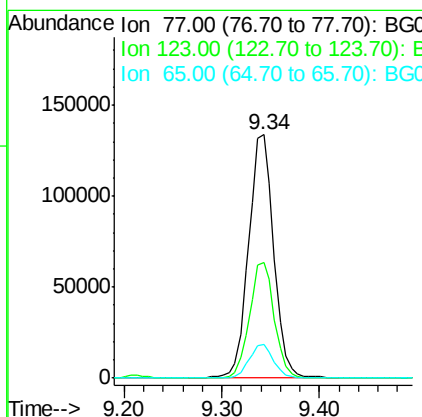
Manual Integrations
APPROVED

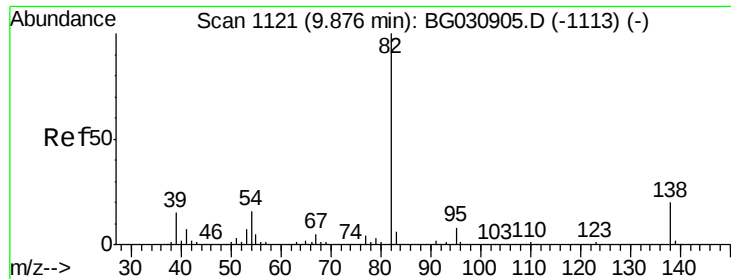
Sohil
12/7/2017 11:37:29 AM



#24
Nitrobenzene
Concen: 46.031 ng
RT: 9.34 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	33.0	49.6
65	13.7	13.0	19.6





#25

Isophorone

Concen: 45.295 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

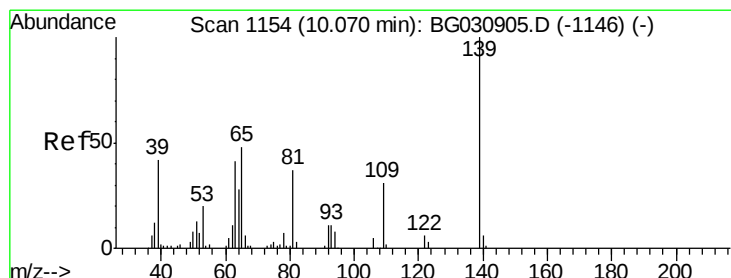
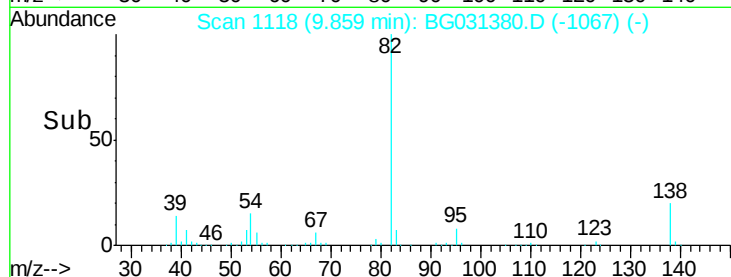
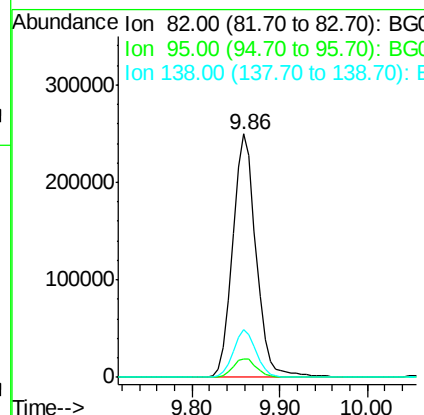
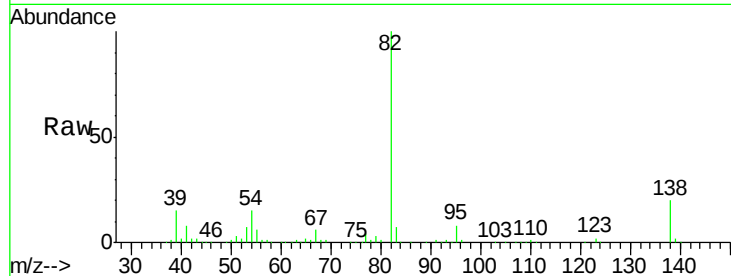
ClientSampleId :

2041MSD

Tot Ion	82	Resp	455403
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	19.5	12.1	18.1#

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



#26

2-Nitrophenol

Concen: 46.103 ng

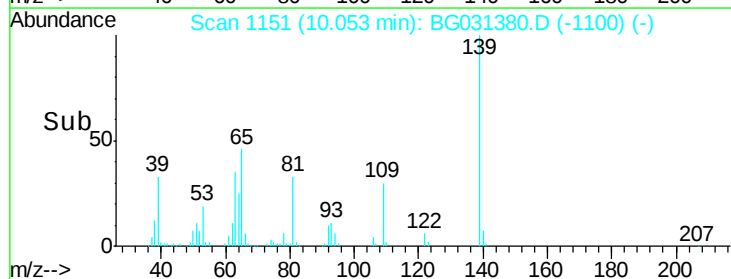
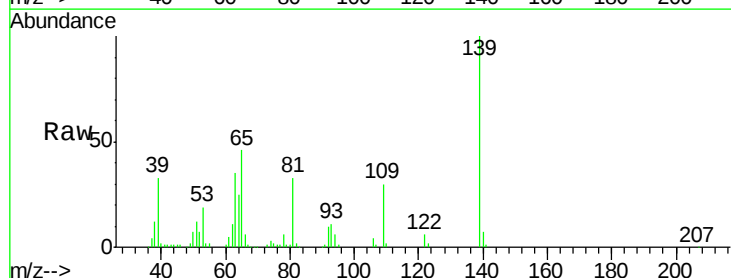
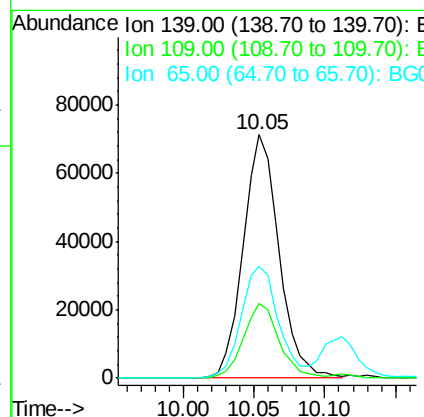
RT: 10.05 min Scan# 1151

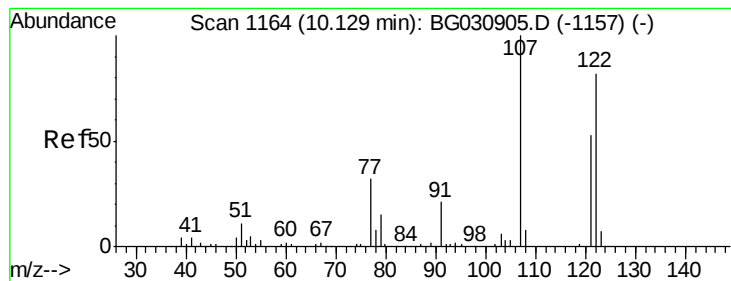
Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion	139	Resp	126548
Ion Ratio	Lower	Upper	
139	100		
109	30.4	24.2	36.2
65	45.9	47.4	71.0#





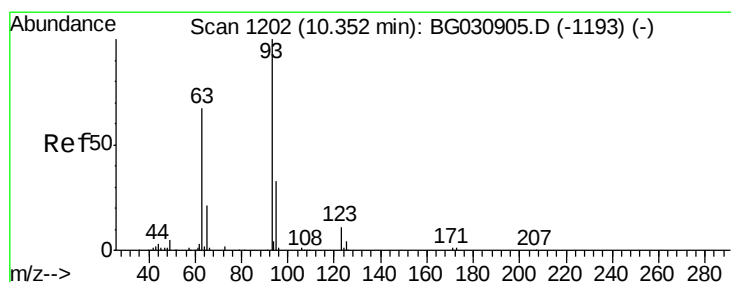
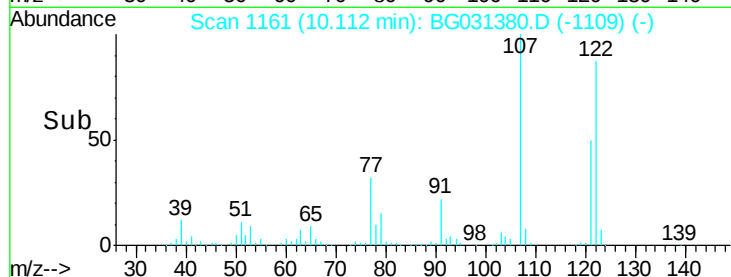
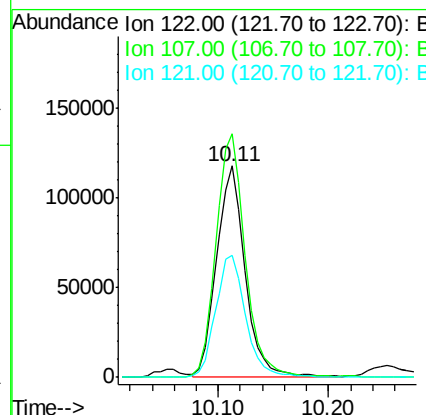
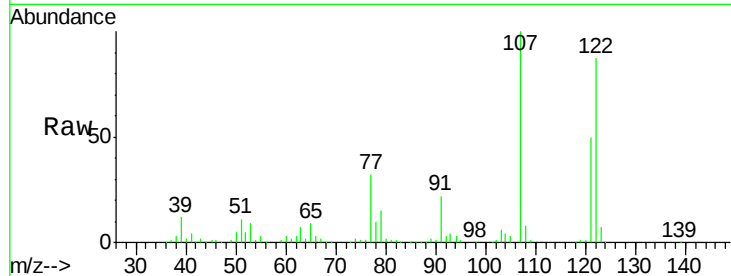
#27
2,4-Dimethylphenol
Concen: 51.098 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		208226		
107	115.1	100.2		150.2	
121	57.7	44.4		66.6	

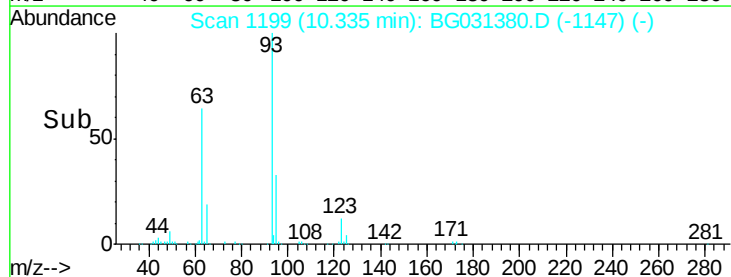
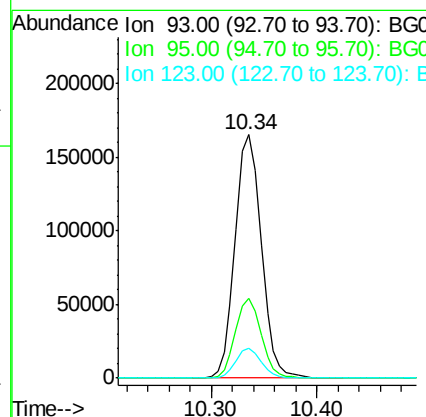
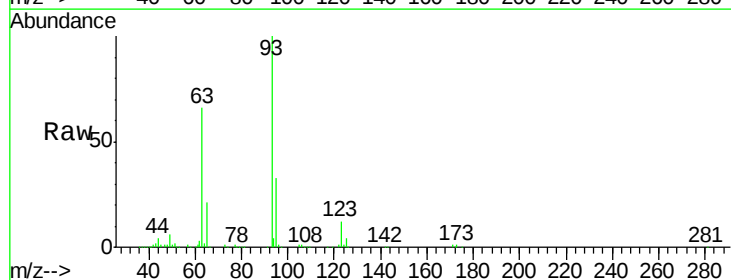
Manual Integrations
APPROVED

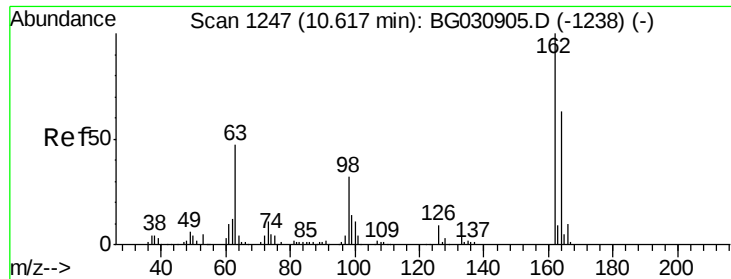
Sohil
12/7/2017 11:37:29 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.942 ng
RT: 10.34 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		284588		
95	32.9	24.3		36.5	
123	12.1	8.4		12.6	





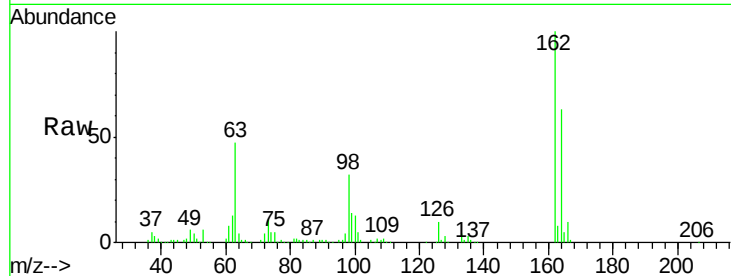
#29
2,4-Dichlorophenol
Concen: 49.743 ng
RT: 10.60 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampled :
2041MSD

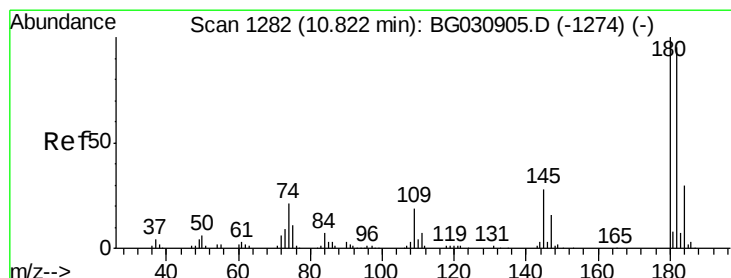
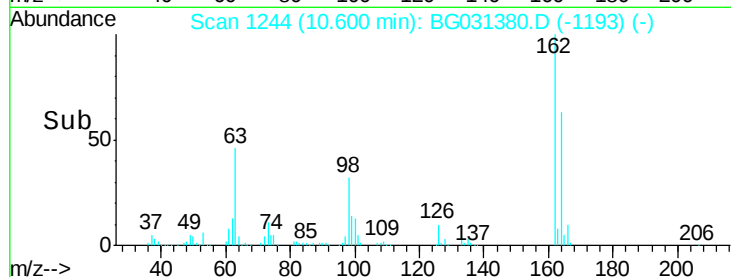
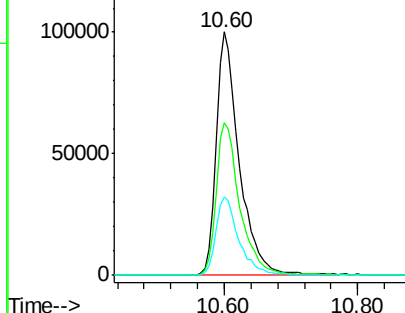
Tot Ion	Ratio	Resp	Lower	Upper
162	100	243412		
164	62.9	48.0	88.0	
98	32.2	21.1	61.1	

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM

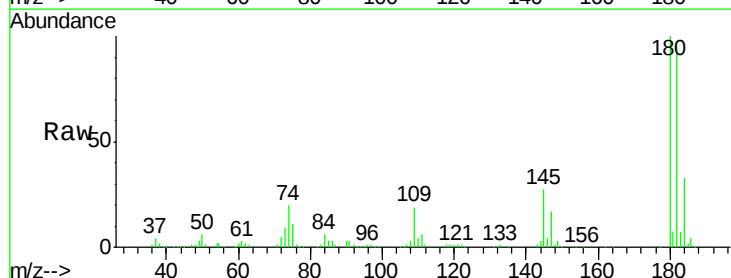


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

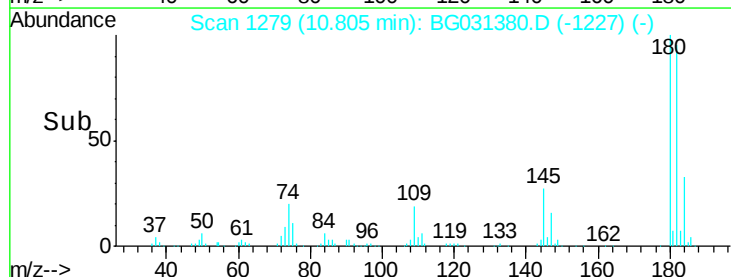
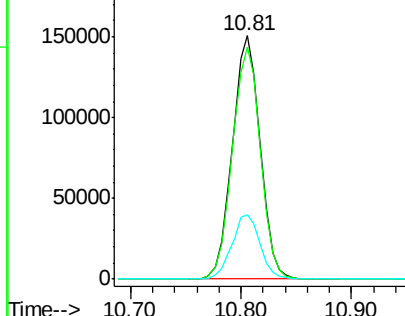


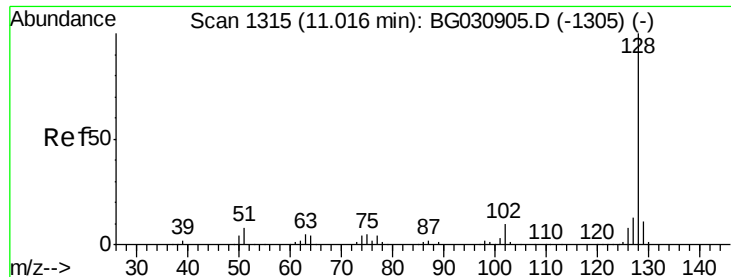
#30
1,2,4-Trichlorobenzene
Concen: 45.534 ng
RT: 10.81 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	266022		
182	95.4	77.5	116.3	
145	26.6	23.4	35.2	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





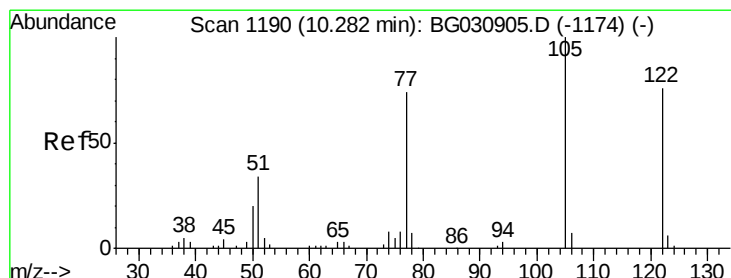
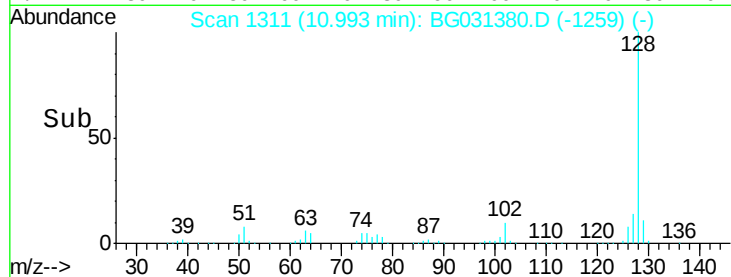
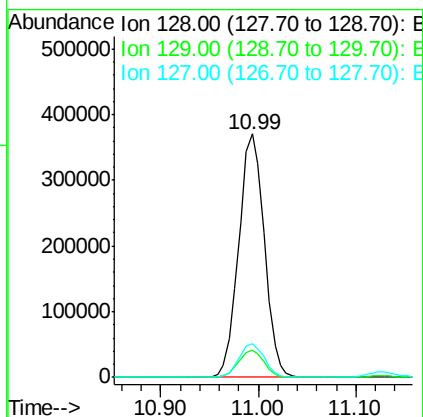
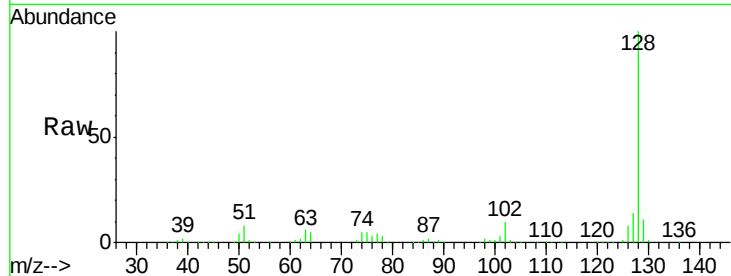
#31
Naphthalene
Concen: 44.885 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.6	11.6	17.4

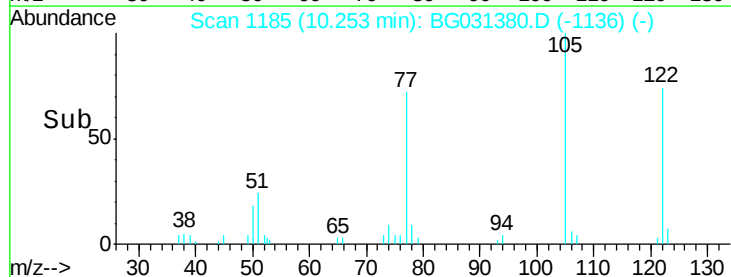
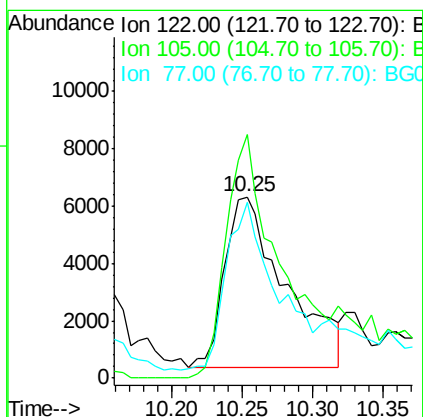
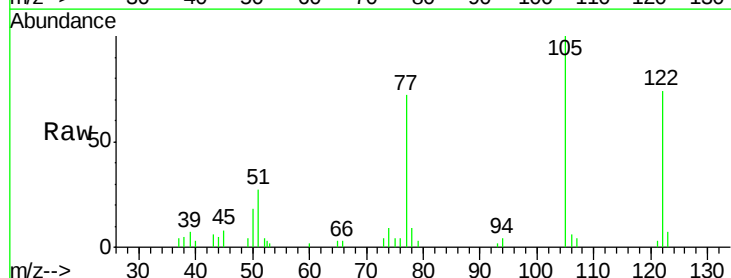
Manual Integrations
APPROVED

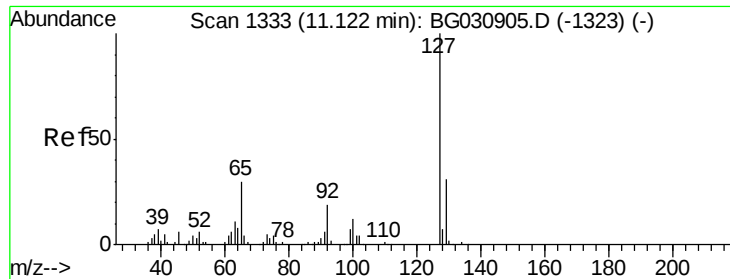
Sohil
12/7/2017 11:37:29 AM



#32
Benzoic acid
Concen: 10.350 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.5	123.5	163.5
77	96.9	85.7	125.7





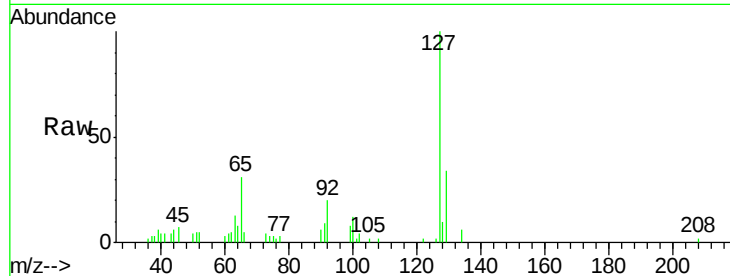
#33
4-Chloroaniline
Concen: 2.929 ng
RT: 11.12 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

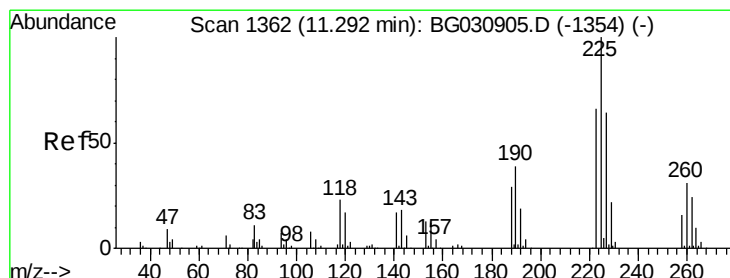
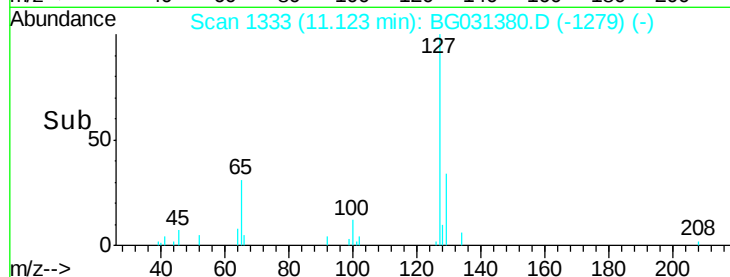
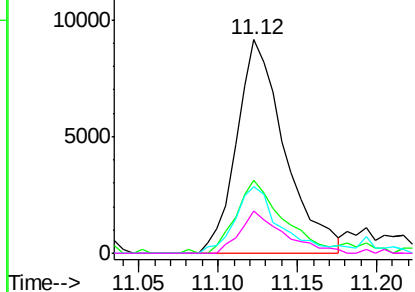
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.2	24.0	36.0
65	31.2	27.0	40.4
92	19.7	16.6	25.0

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



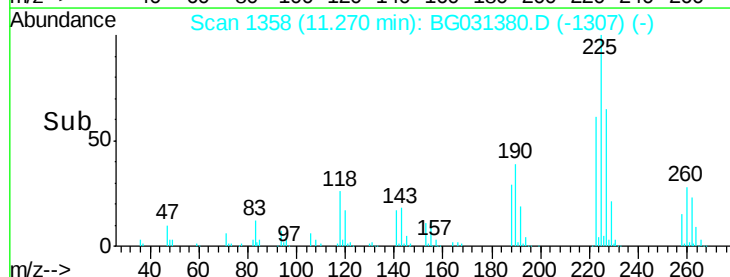
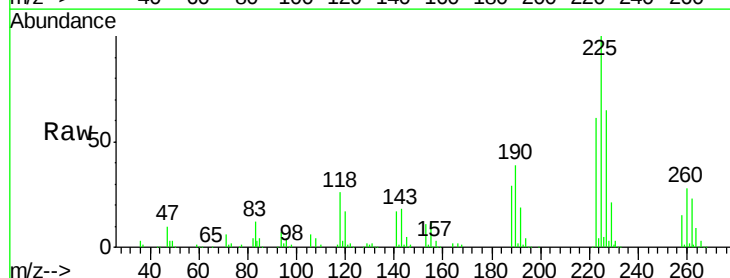
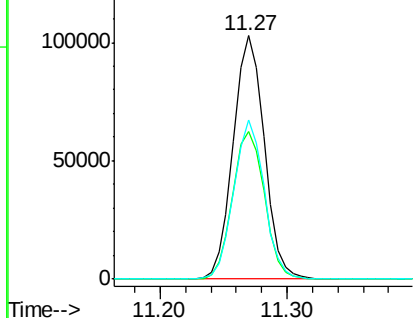
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

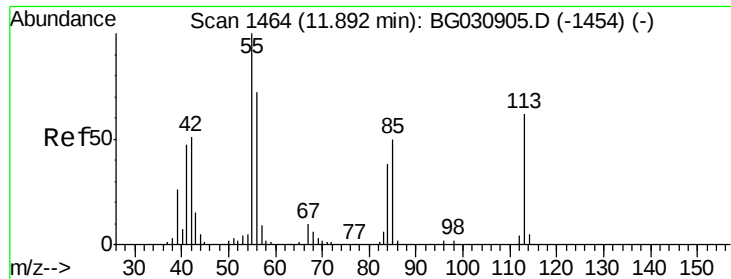


#34
Hexachlorobutadiene
Concen: 43.087 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.7	74.5
227	65.2	48.1	72.1

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: 33.205 ng

RT: 11.89 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampled :

2041MSD

Tot Ion:113 Resp: 66377

Ion Ratio Lower Upper

113 100

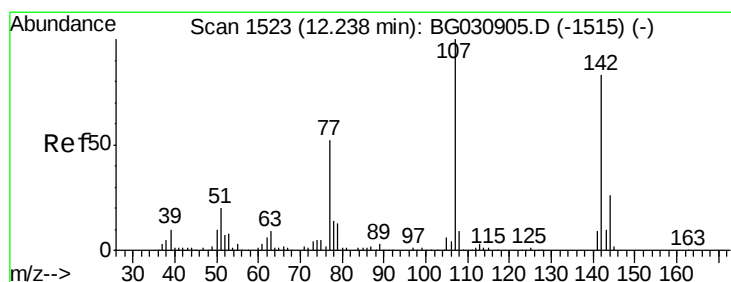
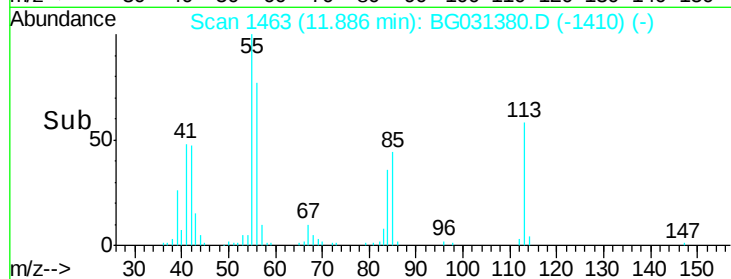
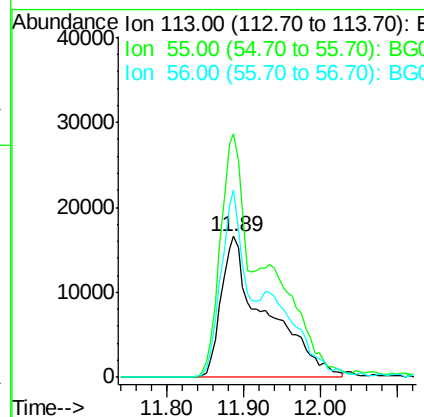
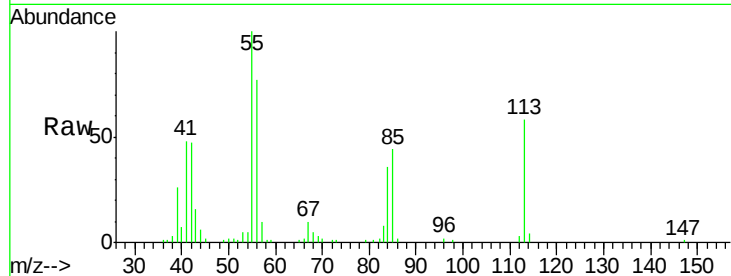
55 173.0 186.9 226.9#

56 133.2 130.9 170.9

Manual Integrations
APPROVED

Sohil

12/7/2017 11:37:29 AM



#36

4-Chloro-3-methylphenol

Concen: 46.331 ng

RT: 12.23 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

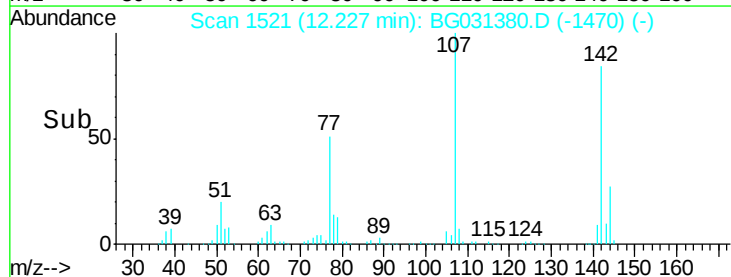
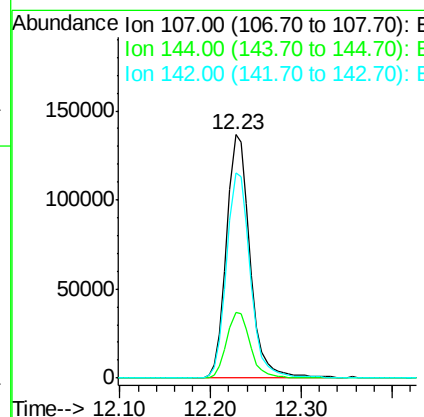
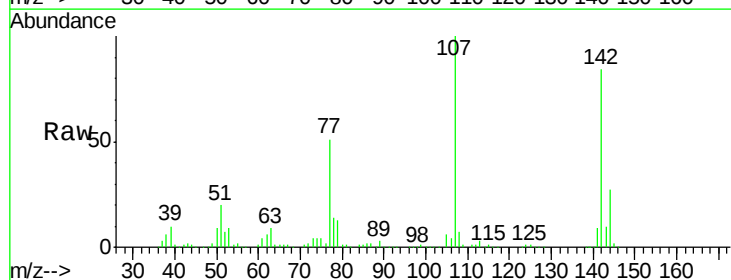
Tgt Ion:107 Resp: 246757

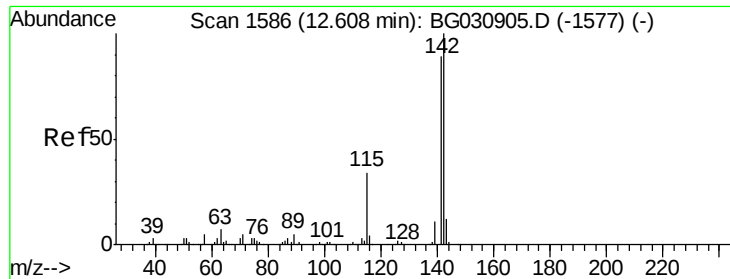
Ion Ratio Lower Upper

107 100

144 26.8 18.2 27.4

142 84.1 59.0 88.4





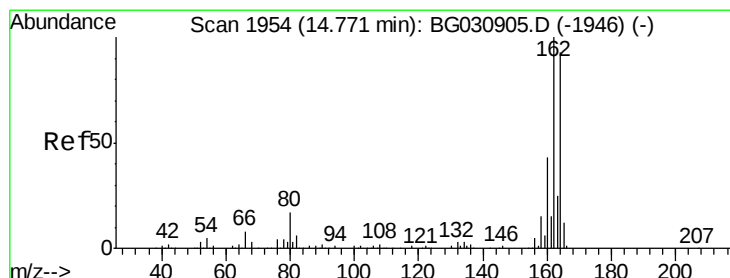
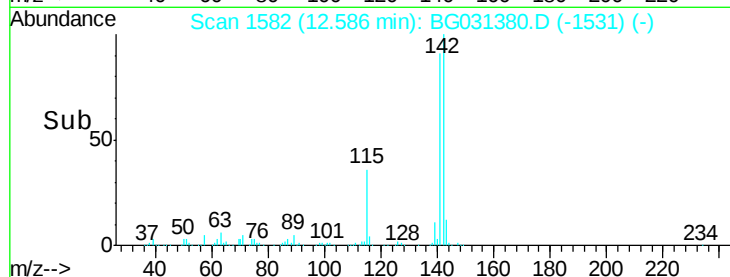
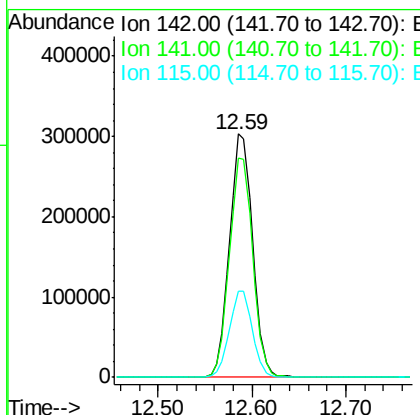
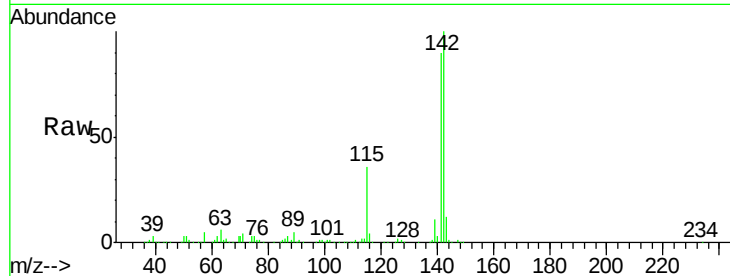
#37
2-Methylnaphthalene
Concen: 44.747 ng
RT: 12.59 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	518738		
141	90.1	67.1	100.7	
115	35.5	30.7	46.1	

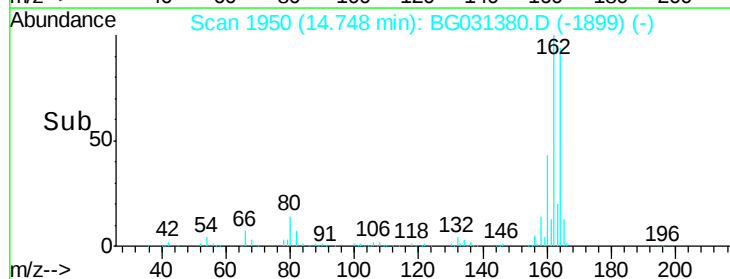
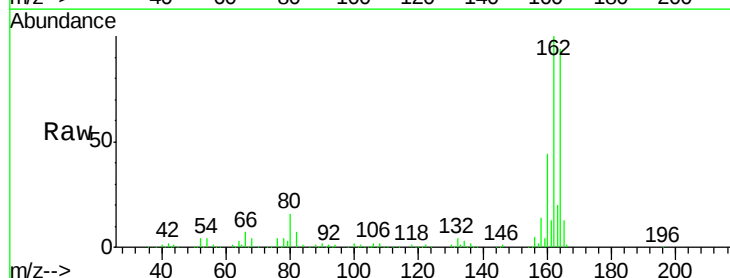
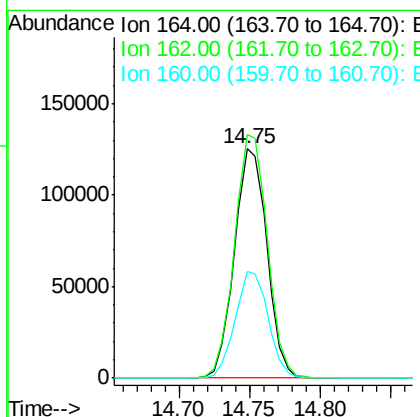
Manual Integrations
APPROVED

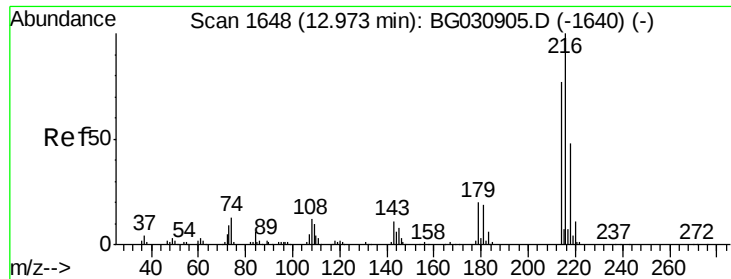
Sohil
12/7/2017 11:37:29 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	201114		
162	106.2	78.8	118.2	
160	46.3	35.4	53.0	





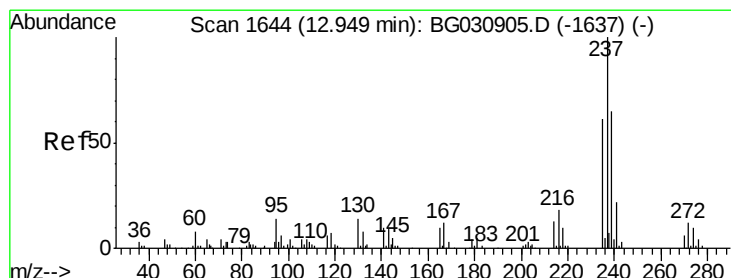
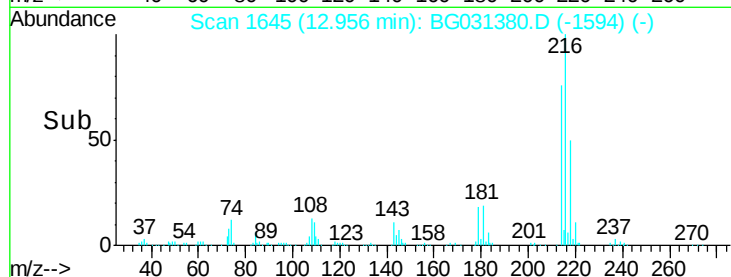
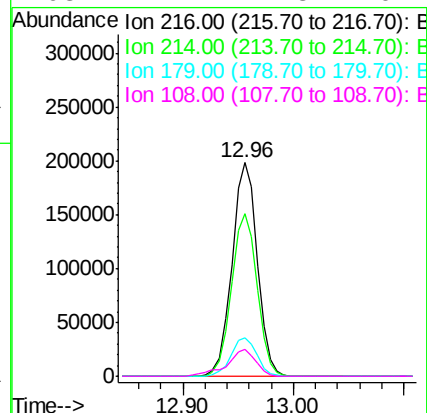
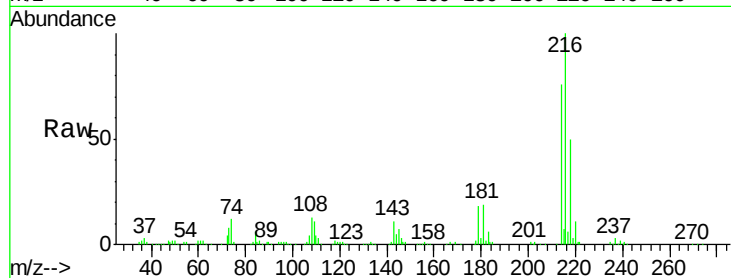
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.846 ng
 RT: 12.96 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :
 2041MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.3	63.0	94.4	
179	18.5	17.0	25.6	
108	14.2	12.8	19.2	

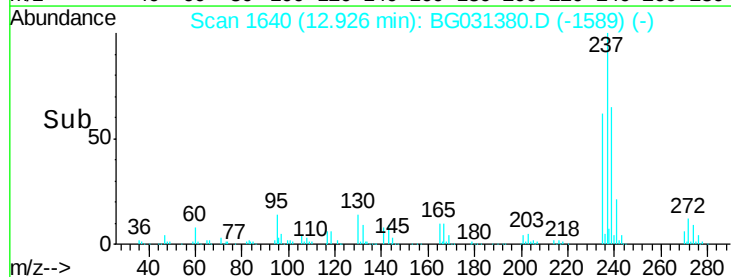
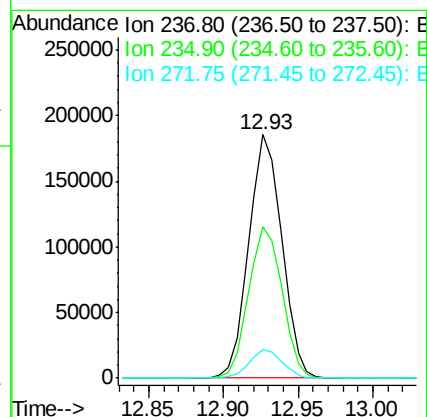
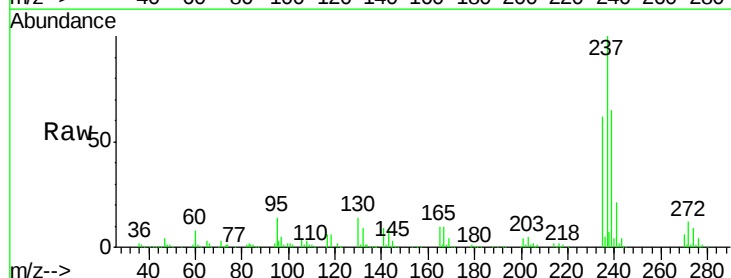
Manual Integrations
 APPROVED

Sohil
 12/7/2017 11:37:29 AM



#40
 Hexachlorocyclopentadiene
 Concen: 93.971 ng
 RT: 12.93 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.2	50.4	90.4	
272	11.9	0.0	31.8	





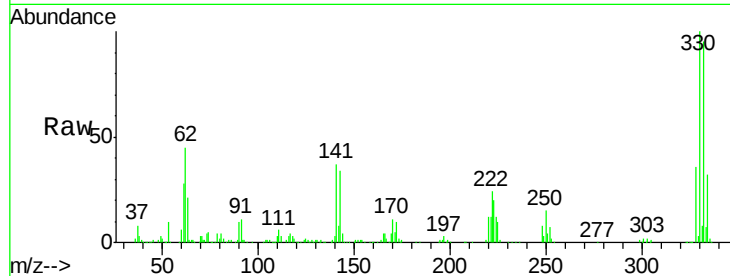
#41
 2,4,6-Tribromophenol
 Concen: 111.474 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :
 2041MSD

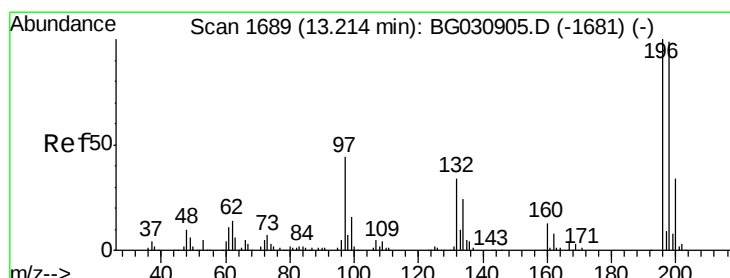
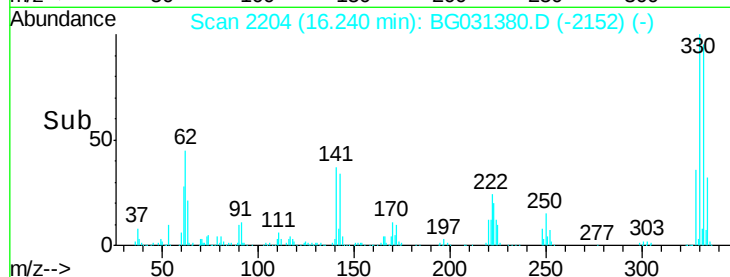
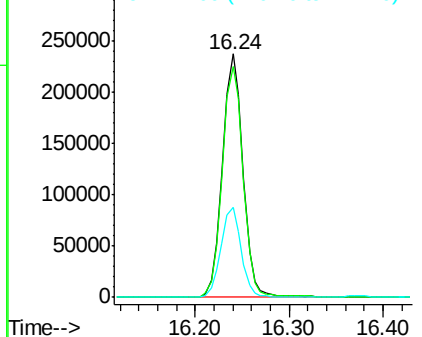
Tot Ion	Ratio	Resp	Lower	Upper
330	100	362665		
332	96.5	77.0	115.6	
141	36.9	25.2	37.8	

Manual Integrations
 APPROVED

Sohil
 12/7/2017 11:37:29 AM



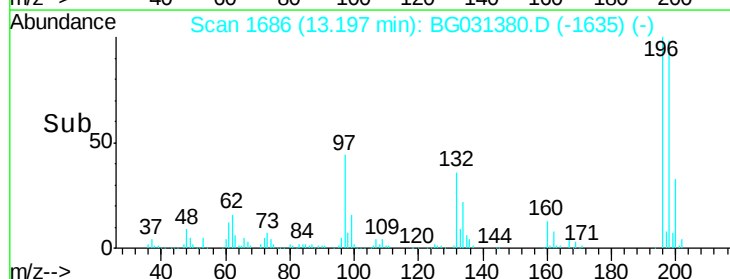
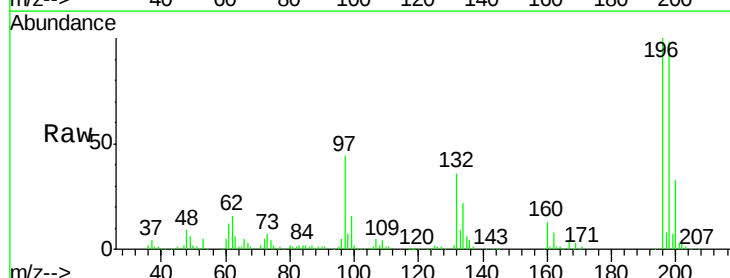
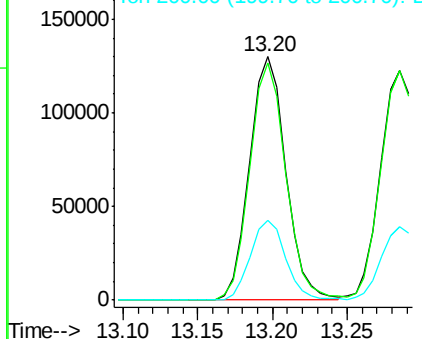
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

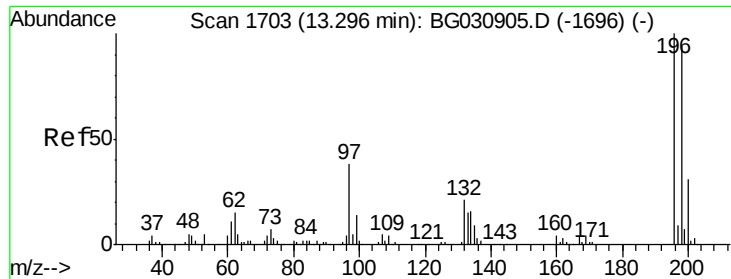


#42
 2,4,6-Trichlorophenol
 Concen: 47.815 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218184		
198	97.5	78.2	117.2	
200	32.6	24.6	36.8	

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





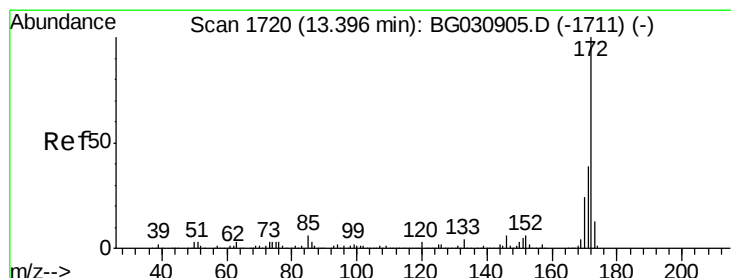
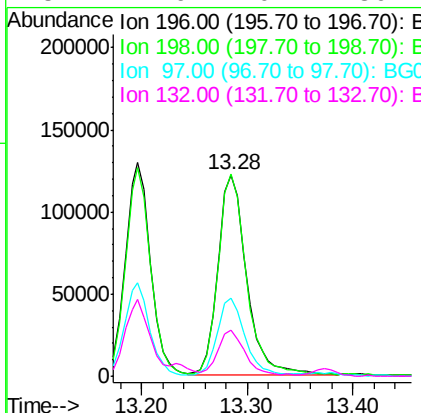
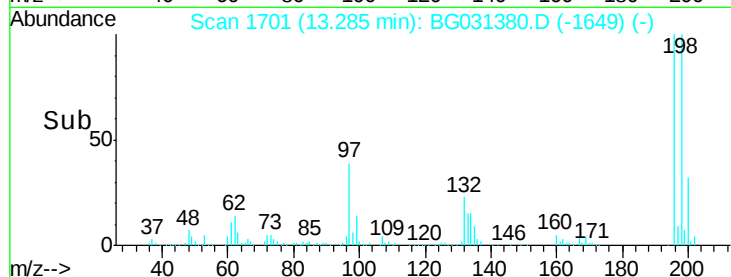
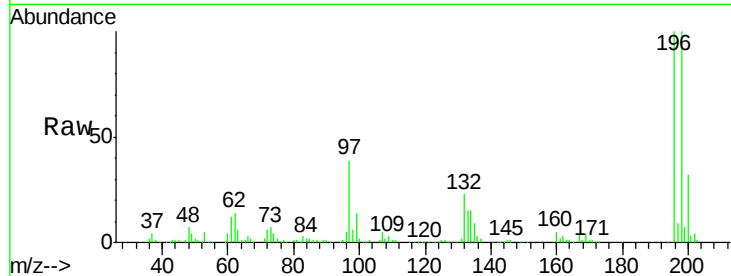
#43
 2,4,5-Trichlorophenol
 Concen: 46.178 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :
 2041MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		230551		
198	100.3	76.2	114.4		
97	39.0	38.7	58.1		
132	22.9	20.2	30.2		

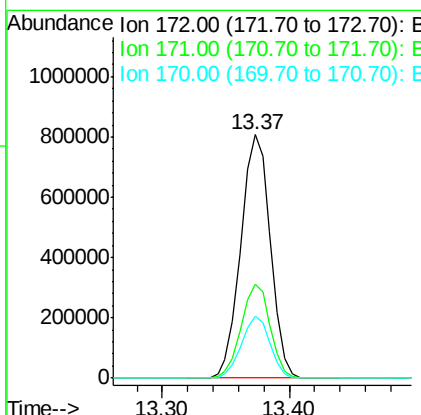
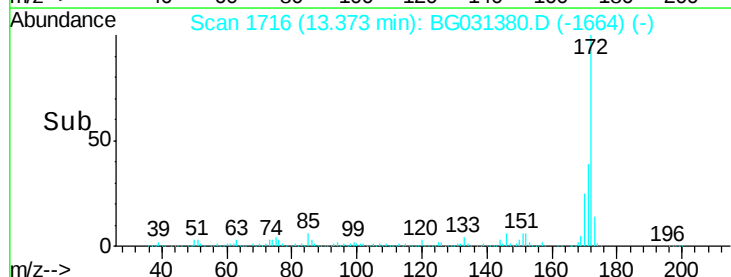
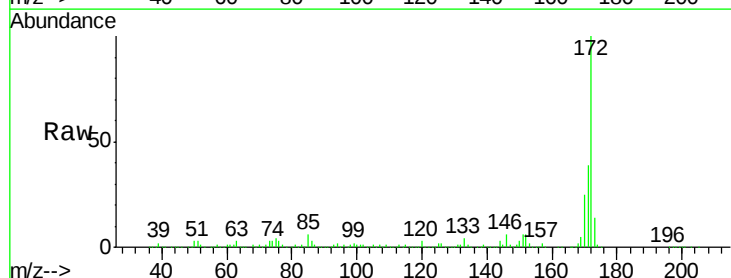
Manual Integrations
 APPROVED

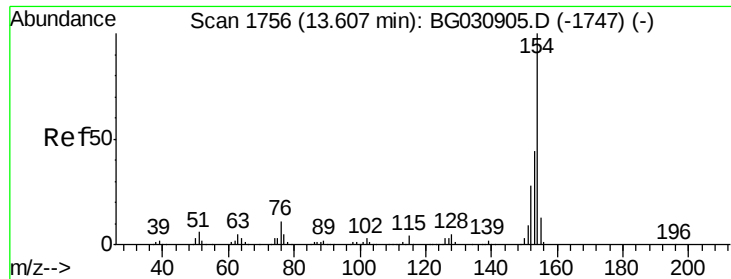
Sohil
 12/7/2017 11:37:29 AM



#44
 2-Fluorobiphenyl
 Concen: 93.073 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1302696		
171	38.6	30.0	45.0		
170	25.5	19.5	29.3		





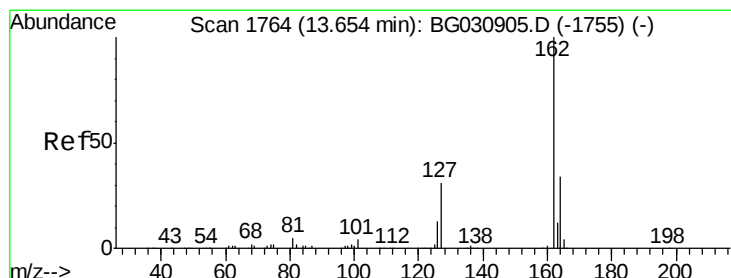
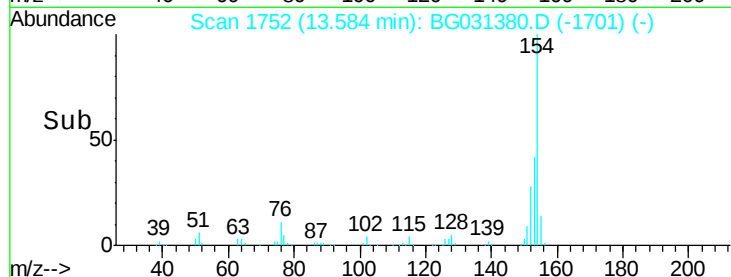
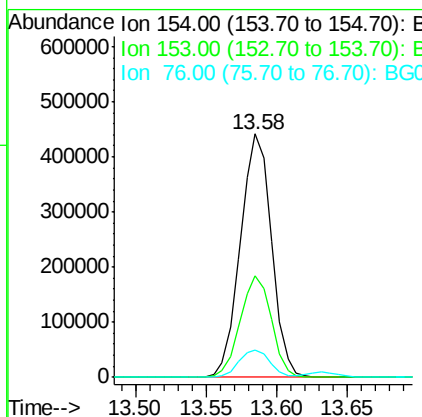
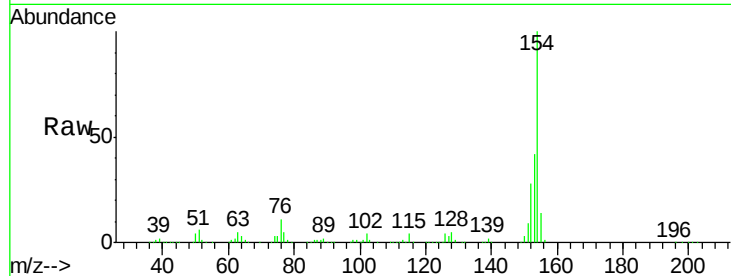
#45
 1,1'-Biphenyl
 Concen: 40.863 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :
 2041MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	11.5	0.0	31.9

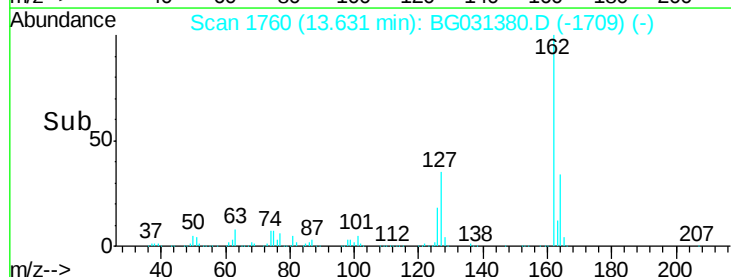
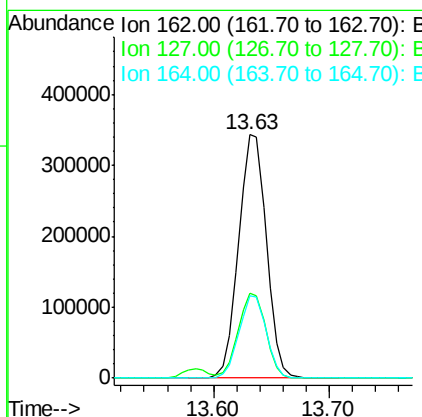
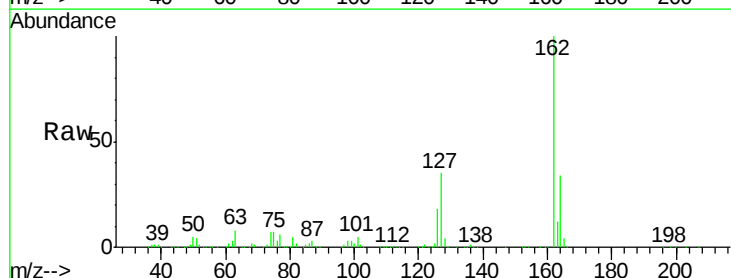
Manual Integrations
 APPROVED

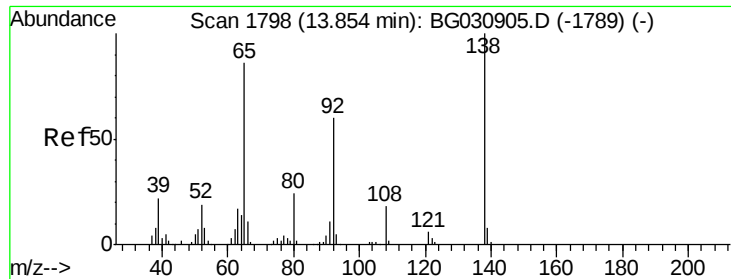
Sohil
 12/7/2017 11:37:29 AM



#46
 2-Chloronaphthalene
 Concen: 47.512 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.6	30.7	46.1
164	33.8	26.0	39.0





#47

2-Nitroaniline

Concen: 45.858 ng

RT: 13.84 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

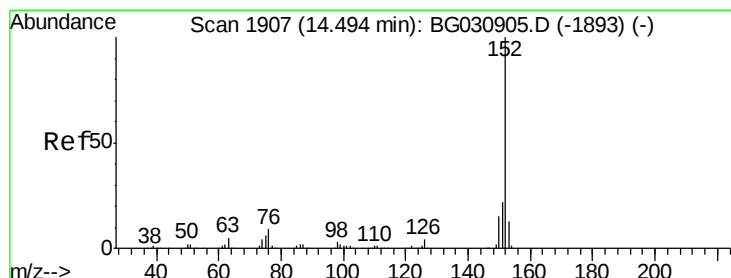
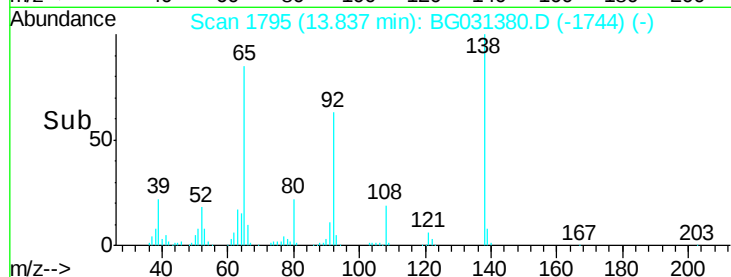
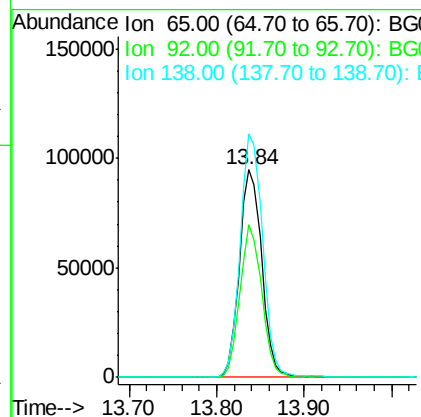
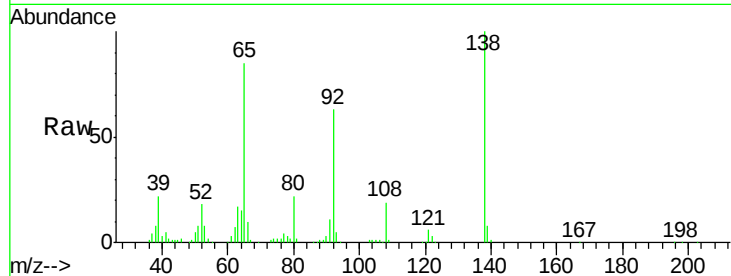
ClientSampled :

2041MSD

Tot Ion:	65	Resp:	163549
Ion Ratio	Lower	Upper	
65	100		
92	73.9	54.6	82.0
138	117.4	72.9	109.3#

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



#48

Acenaphthylene

Concen: 43.452 ng

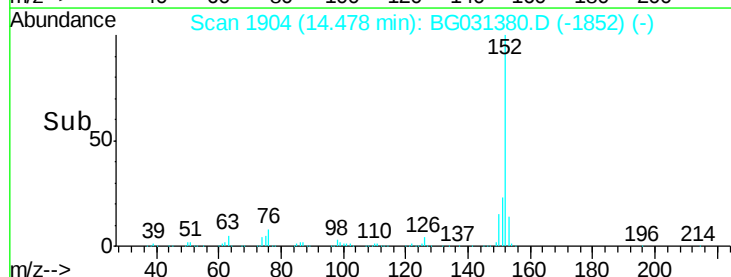
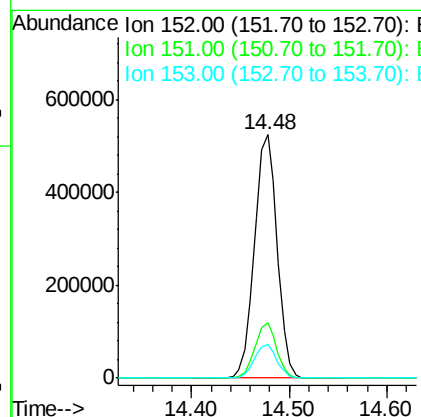
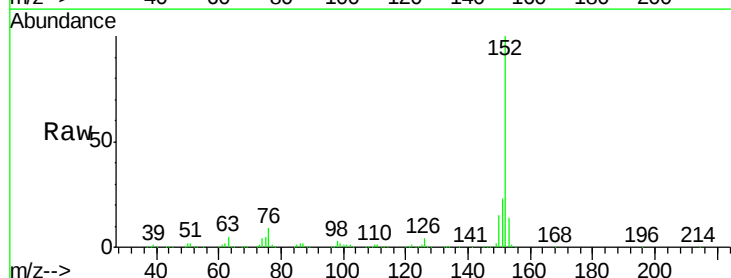
RT: 14.48 min Scan# 1904

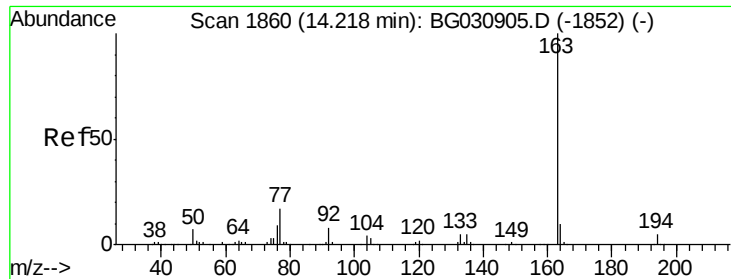
Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion:	152	Resp:	855735
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.2	25.8
153	13.8	10.2	15.4





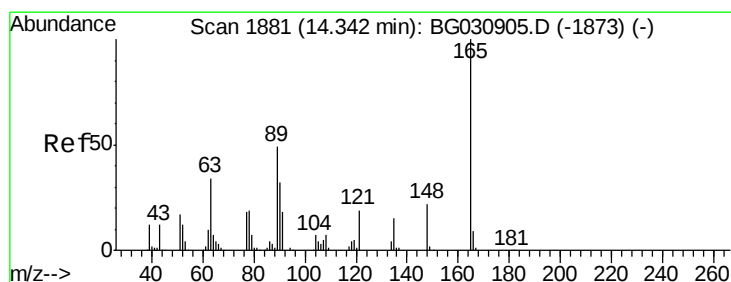
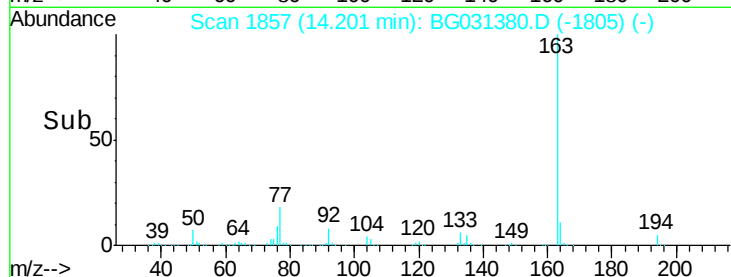
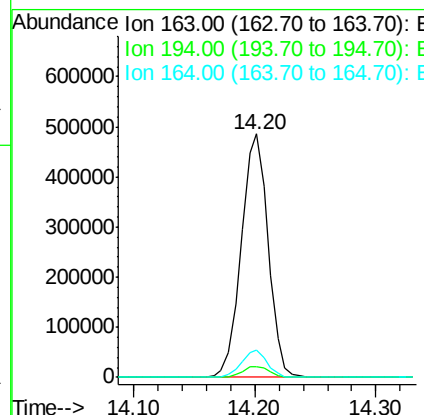
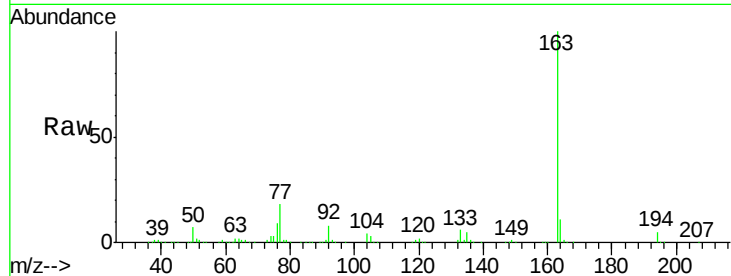
#49
Dimethylphthalate
Concen: 43.269 ng
RT: 14.20 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	752415		
194	4.6		3.4	5.2
164	11.1		8.2	12.4

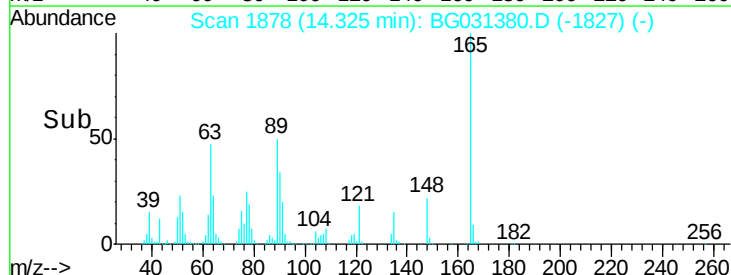
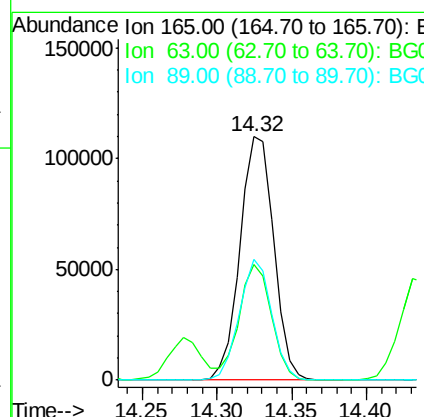
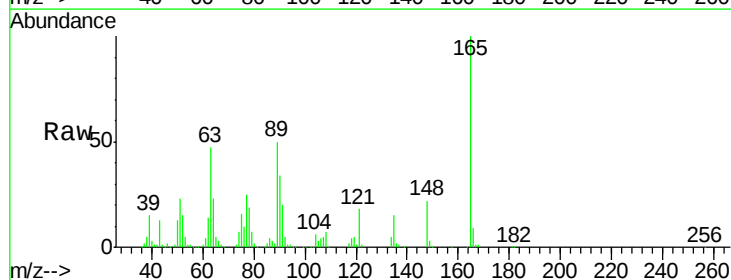
Manual Integrations
APPROVED

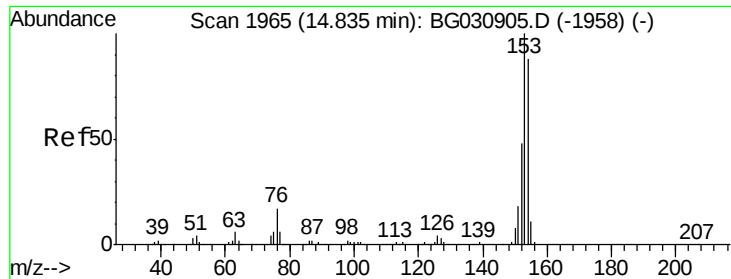
Sohil
12/7/2017 11:37:29 AM



#50
2,6-Dinitrotoluene
Concen: 48.205 ng
RT: 14.32 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172774		
63	47.4		52.7	79.1#
89	49.6		49.2	73.8





#51

Acenaphthene

Concen: 43.090 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

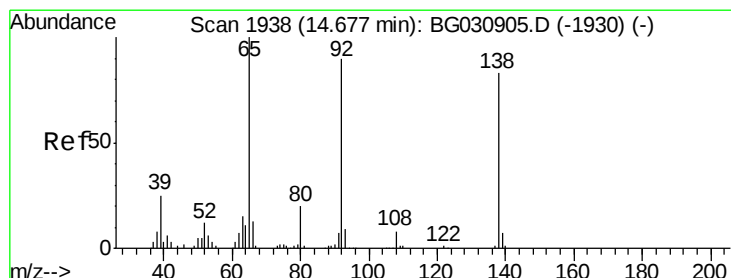
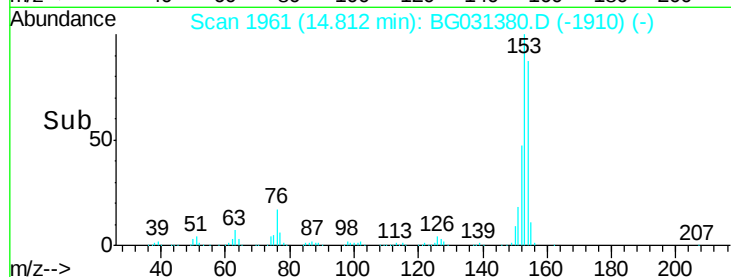
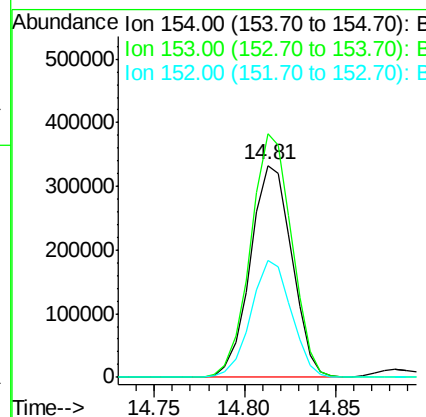
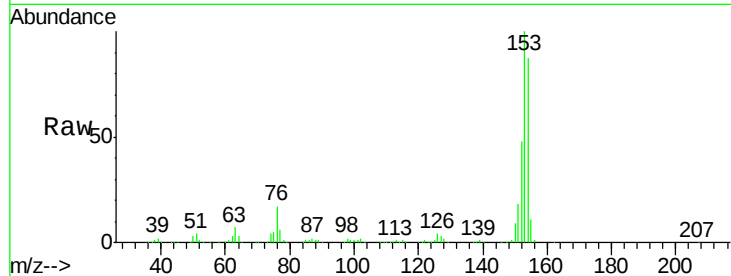
ClientSampleId :

2041MSD

Tot Ion:	154	Resp:	529992
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.4	135.6
152	55.0	41.6	62.4

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



#52

3-Nitroaniline

Concen: 12.569 ng

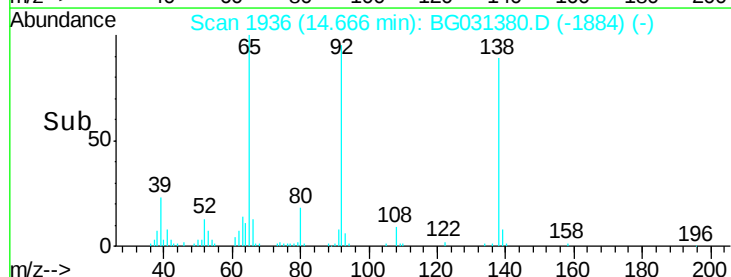
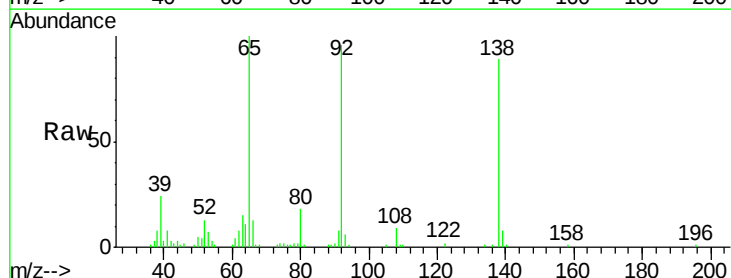
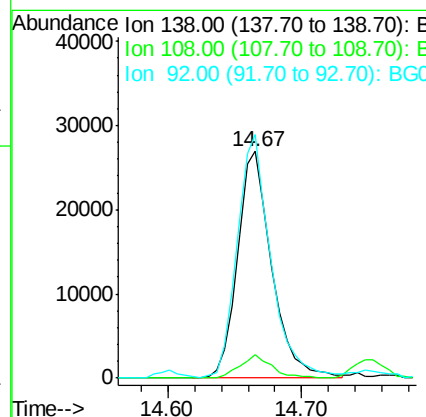
RT: 14.67 min Scan# 1936

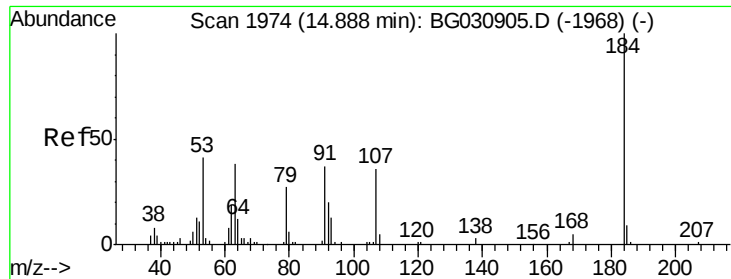
Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion:	138	Resp:	47834
Ion Ratio	Lower	Upper	
138	100		
108	10.2	17.5	26.3#
92	107.4	105.8	158.8





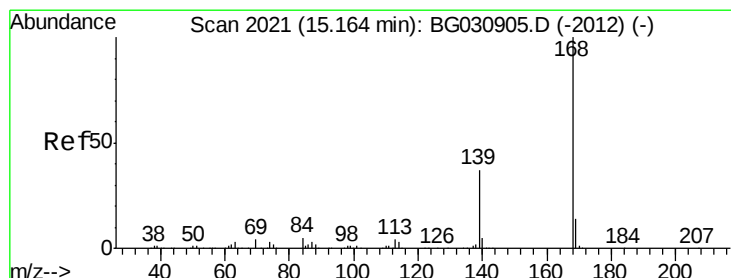
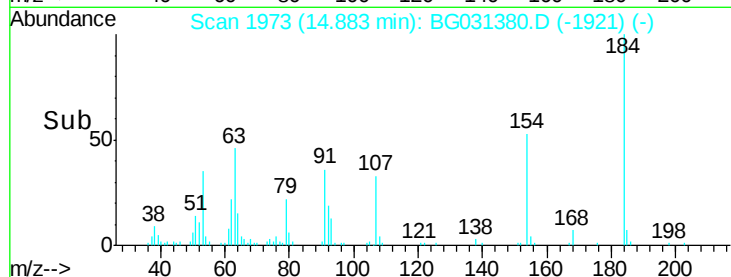
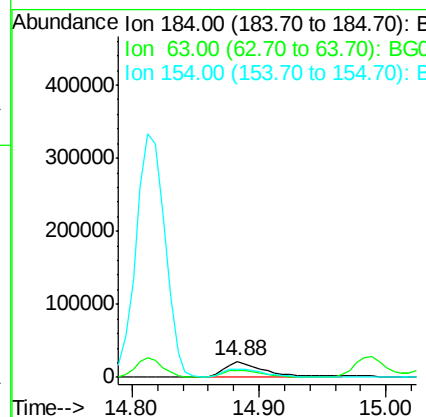
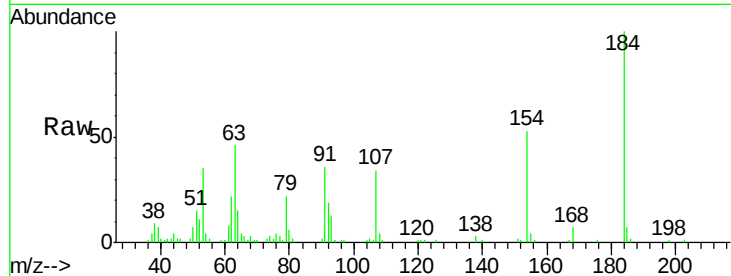
#53
2,4-Dinitrophenol
Concen: 28.516 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.7	59.8	89.8#
154	52.8	101.8	152.8#

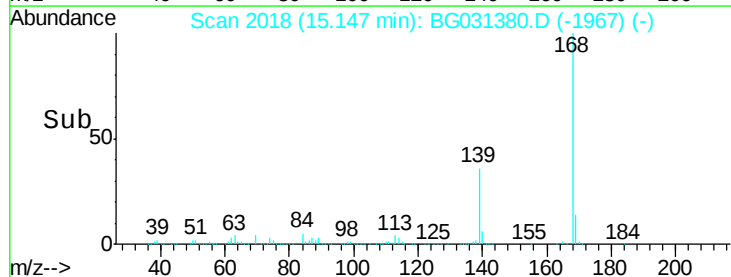
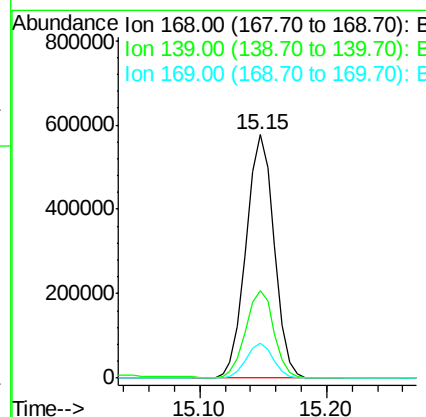
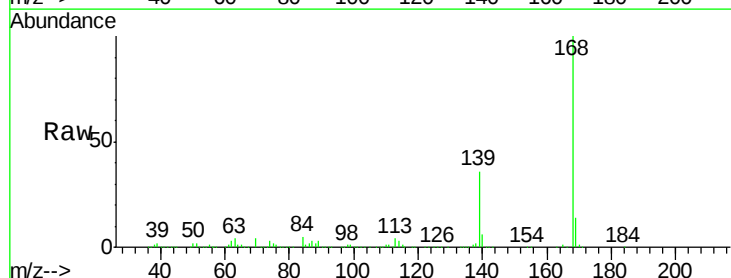
Manual Integrations
APPROVED

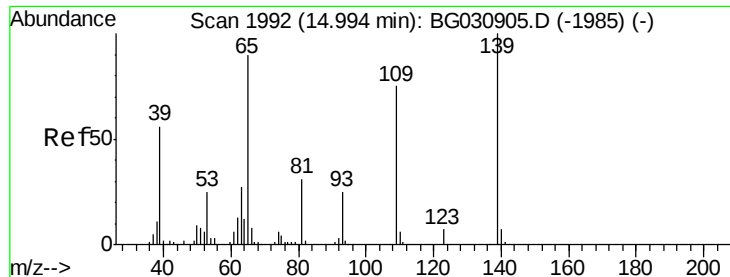
Sohil
12/7/2017 11:37:29 AM



#54
Dibenzofuran
Concen: 45.232 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.1	28.6	43.0
169	14.2	11.2	16.8





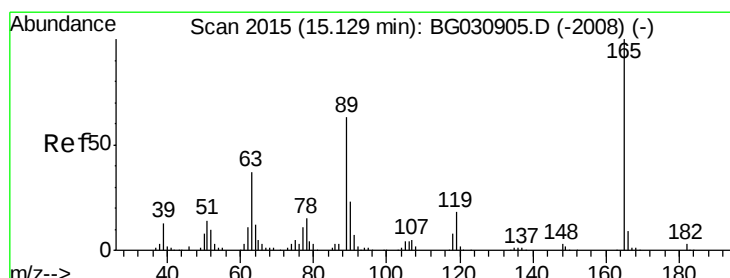
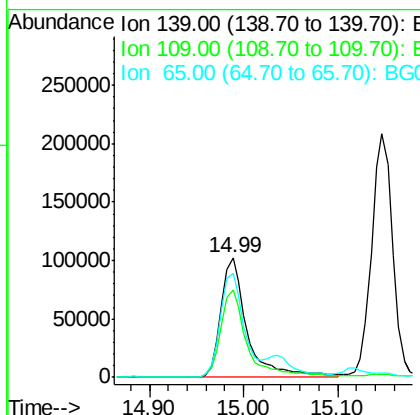
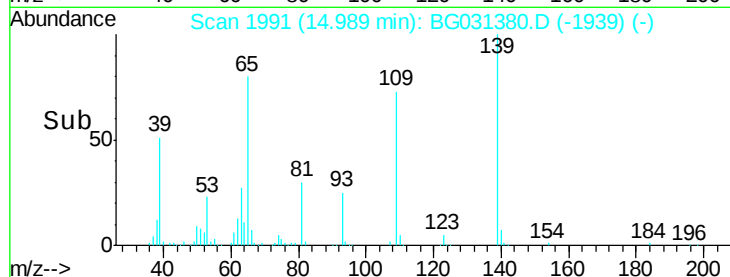
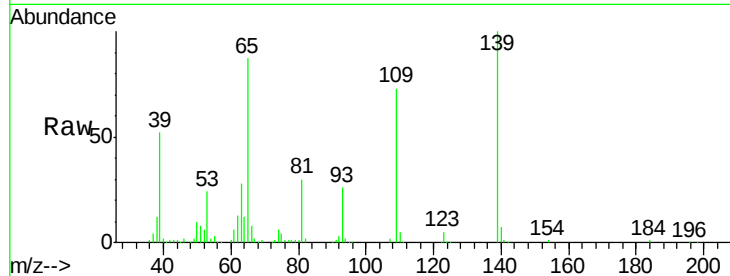
#55
4-Nitrophenol
Concen: 74.157 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampled :
2041MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	201037		
109	72.6	62.2	102.2	
65	86.8	97.2	137.2#	

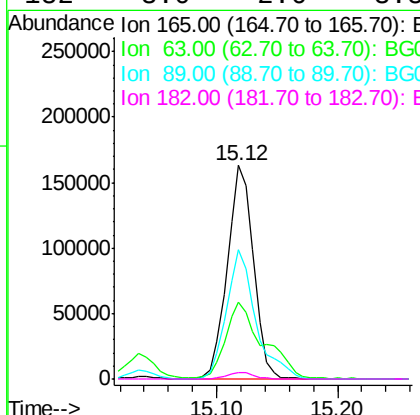
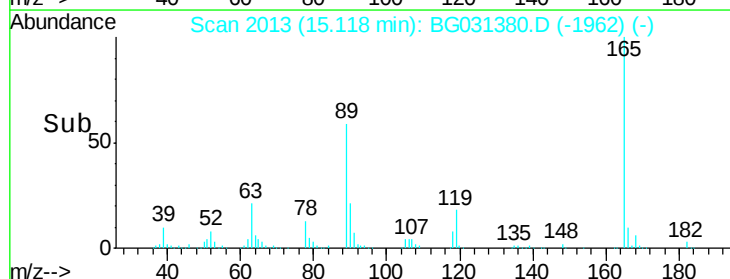
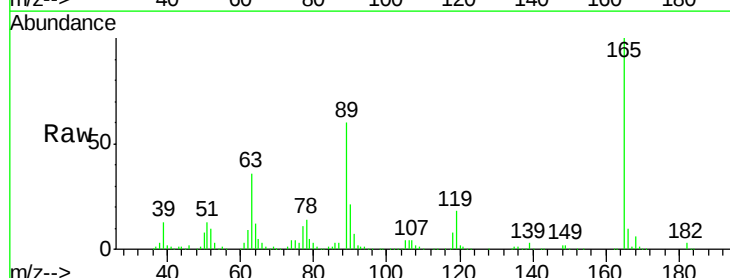
Manual Integrations
APPROVED

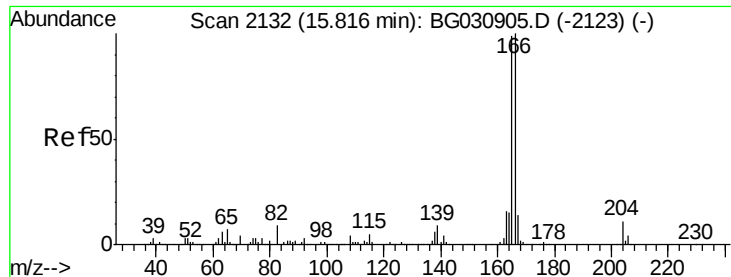
Sohil
12/7/2017 11:37:29 AM



#56
2,4-Dinitrotoluene
Concen: 47.335 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	245270		
63	35.8	42.0	63.0#	
89	60.5	66.9	100.3#	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 44.757 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

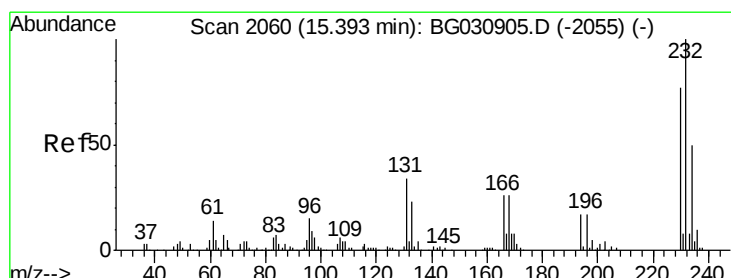
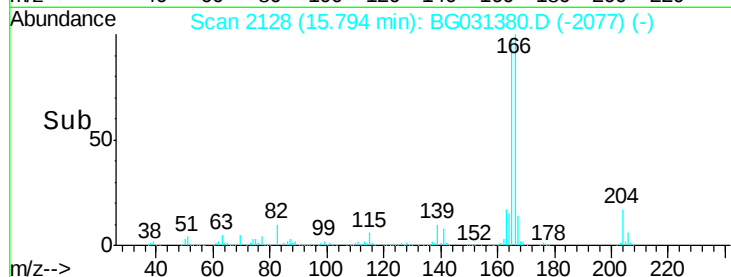
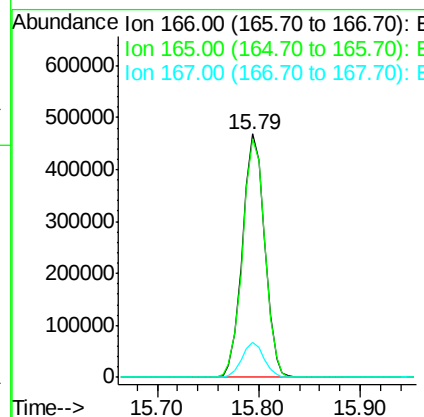
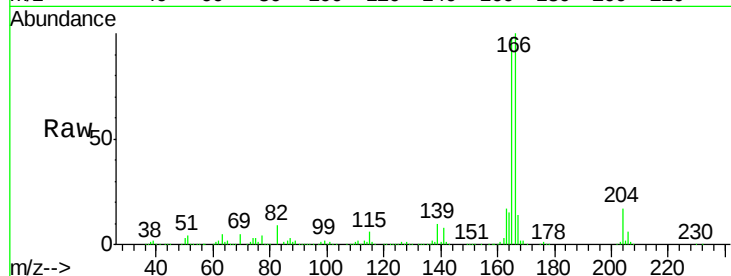
ClientSampleId :

2041MSD

Tot Ion:	166	Resp:	711874
Ion Ratio	Lower	Upper	
166	100		
165	97.8	80.6	121.0
167	14.2	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.271 ng

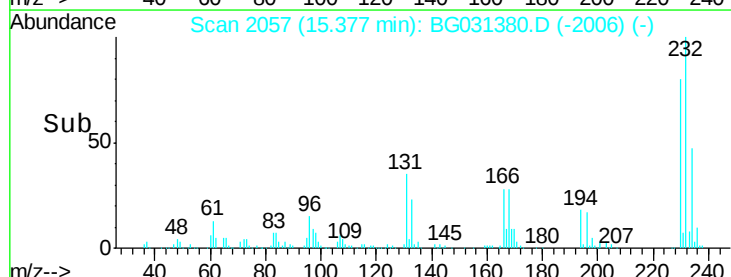
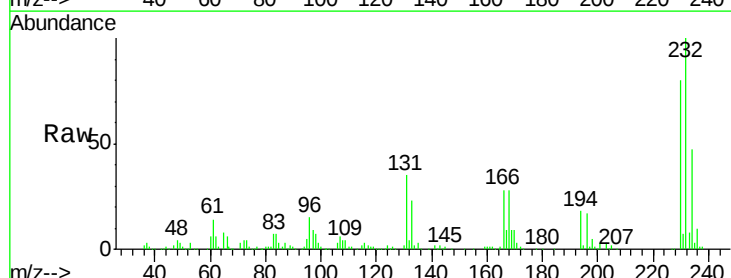
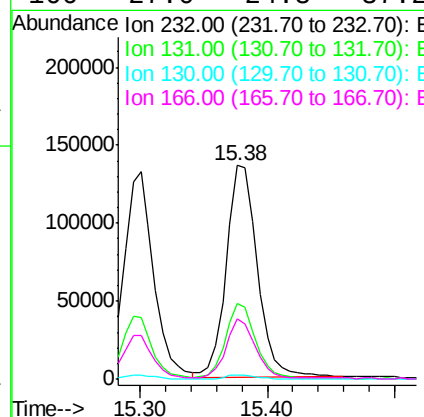
RT: 15.38 min Scan# 2057

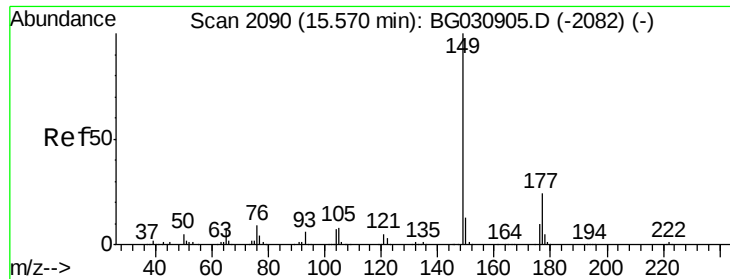
Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion:	232	Resp:	229689
Ion Ratio	Lower	Upper	
232	100		
131	35.0	33.5	50.3
130	2.0	2.2	3.2#
166	27.0	24.8	37.2





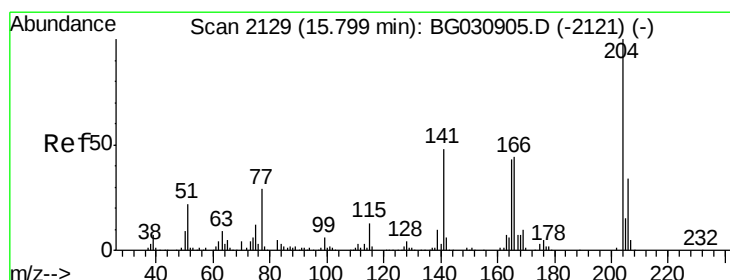
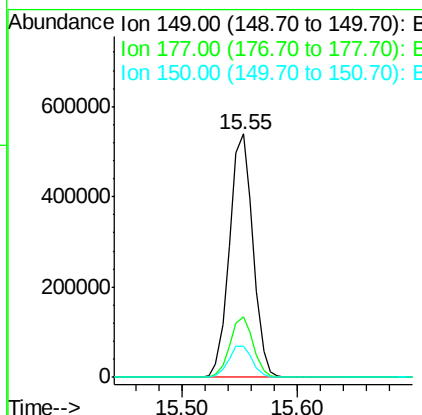
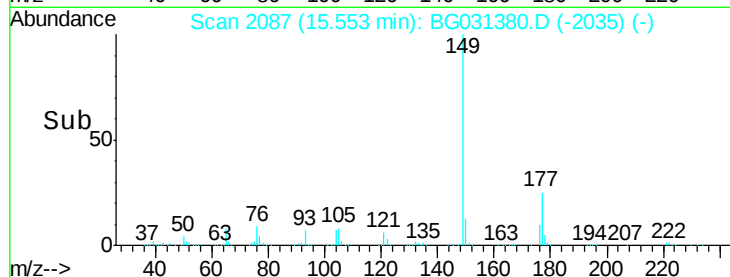
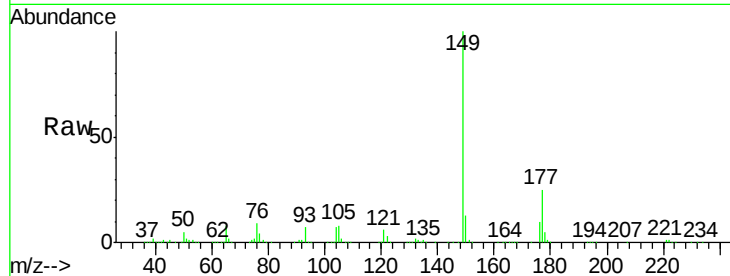
#59
Diethylphthalate
Concen: 42.801 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	756014		
177	24.9	18.5	27.7	
150	12.7	10.2	15.2	

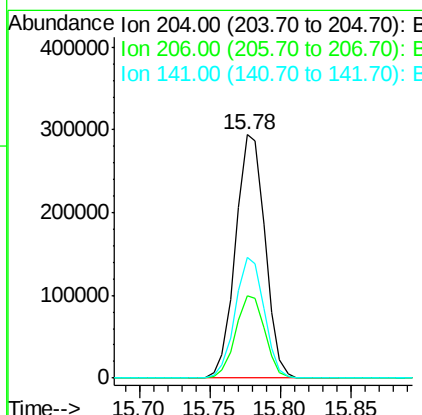
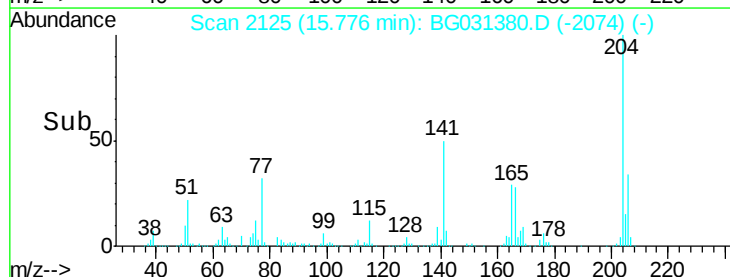
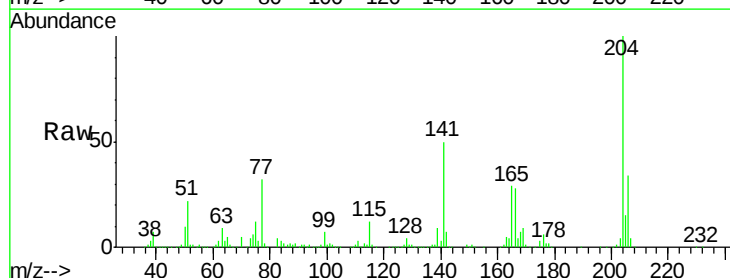
Manual Integrations
APPROVED

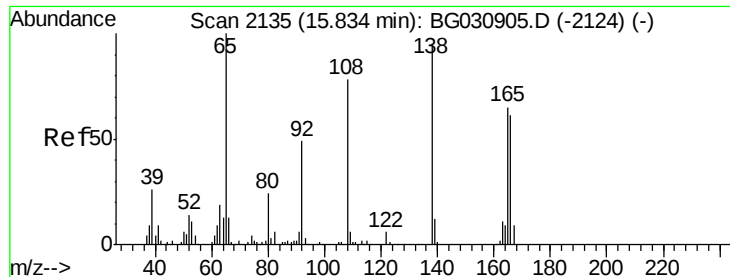
Sohil
12/7/2017 11:37:29 AM



#60
4-Chlorophenyl-phenylether
Concen: 44.557 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	428011		
206	33.6	26.2	39.2	
141	49.7	45.8	68.6	





#61

4-Nitroaniline

Concen: 41.616 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

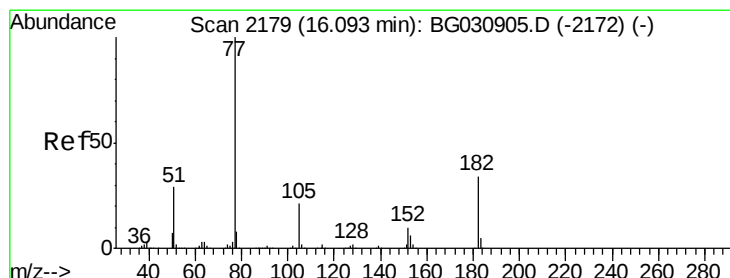
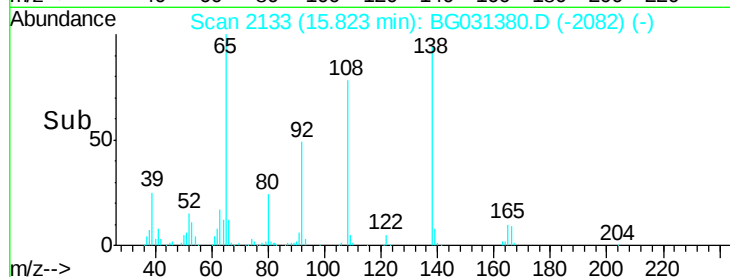
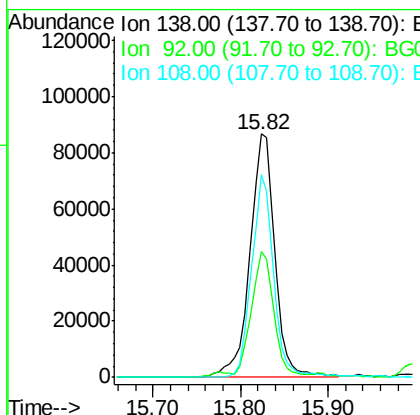
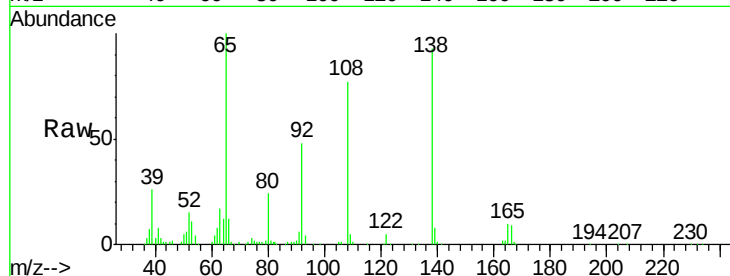
ClientSampleId :

2041MSD

Tot Ion:	138	Resp:	167707
Ion Ratio	Lower	Upper	
138	100		
92	52.0	40.1	80.1
108	83.0	65.4	105.4

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



#62

Azobenzene

Concen: 45.900 ng

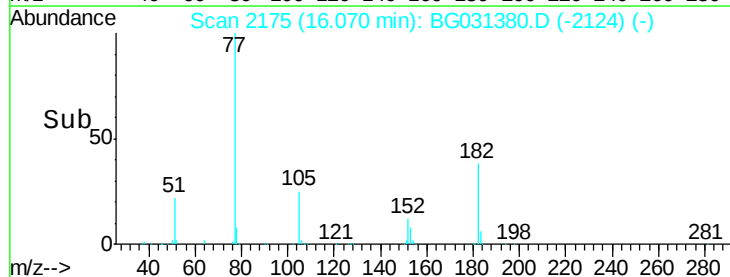
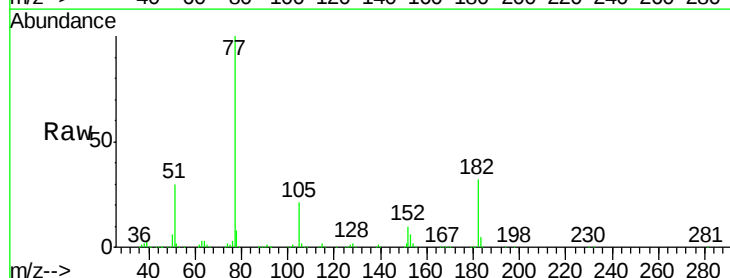
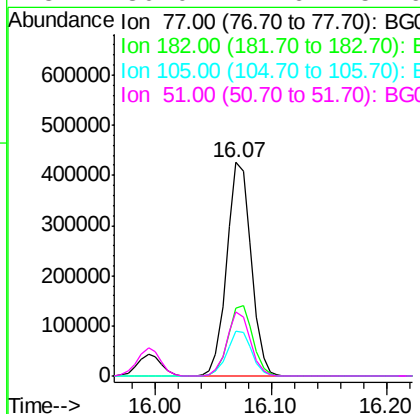
RT: 16.07 min Scan# 2175

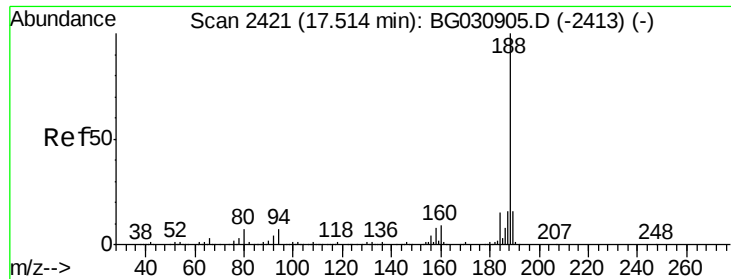
Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion:	77	Resp:	618317
Ion Ratio	Lower	Upper	
77	100		
182	31.6	7.4	47.4
105	20.7	0.3	40.3
51	30.0	11.6	51.6





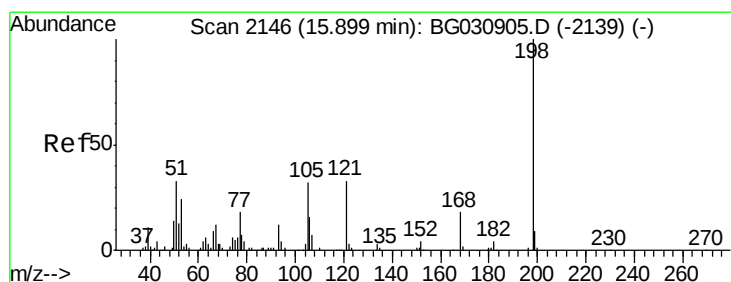
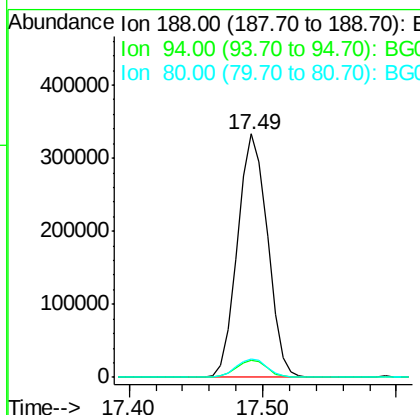
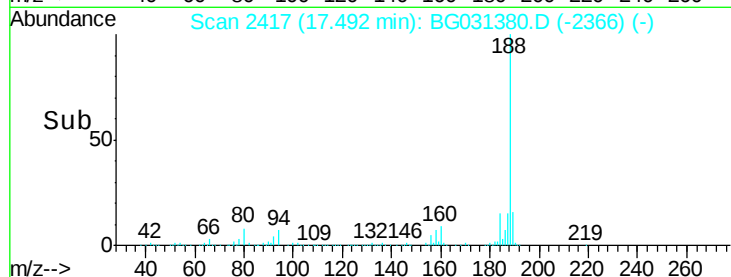
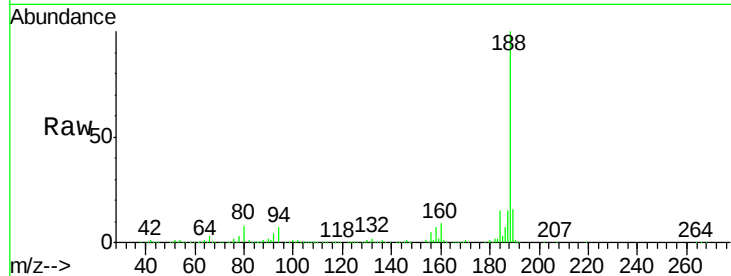
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	518775		
94	7.0		6.9	10.3
80	7.7		7.7	11.5

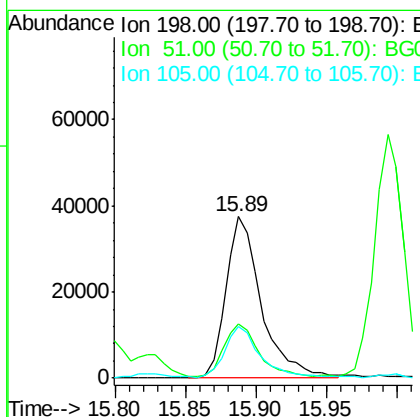
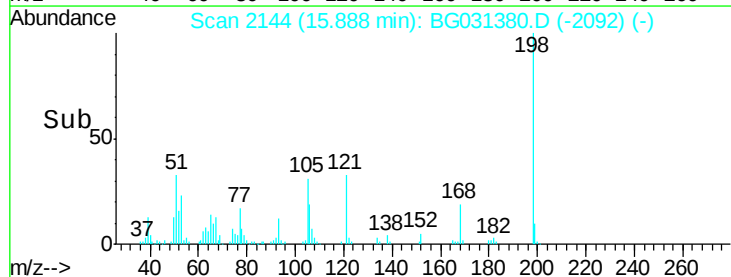
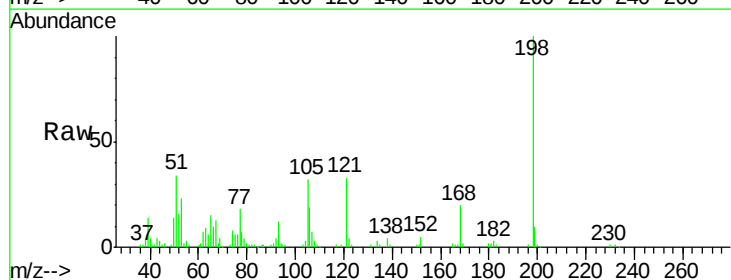
Manual Integrations
APPROVED

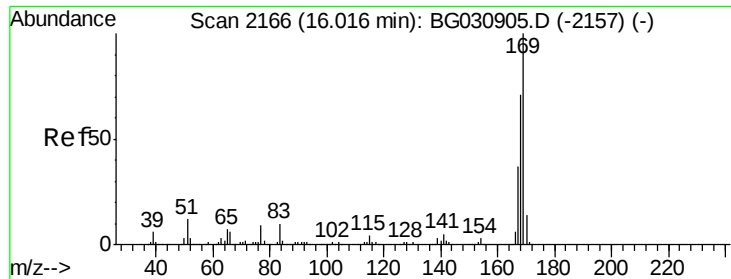
Sohil
12/7/2017 11:37:29 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 19.024 ng
RT: 15.89 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	65599		
51	34.0		30.6	70.6
105	32.1		23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 41.320 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

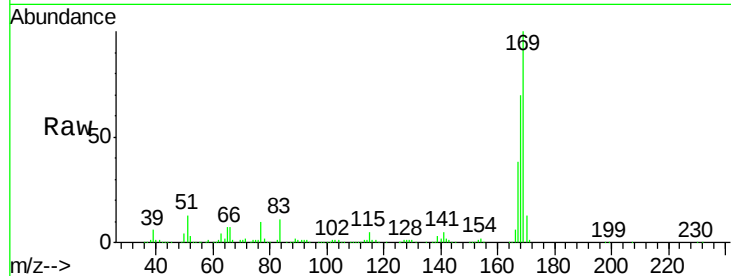
ClientSampleId :

2041MSD

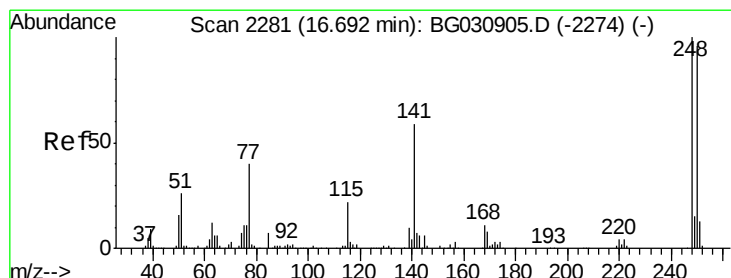
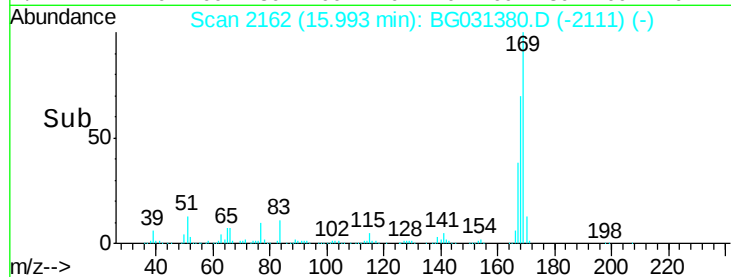
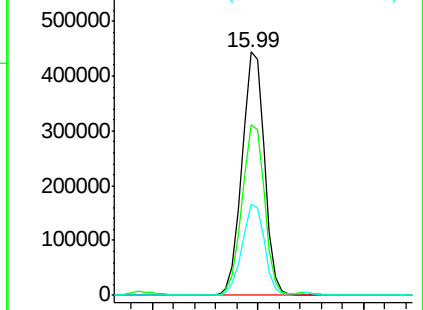
Tot Ion:	169	Resp:	649552
Ion Ratio	Lower	Upper	
169	100		
168	69.9	55.7	83.5
167	37.7	30.1	45.1

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



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



#66

4-Bromophenyl-phenylether

Concen: 43.449 ng

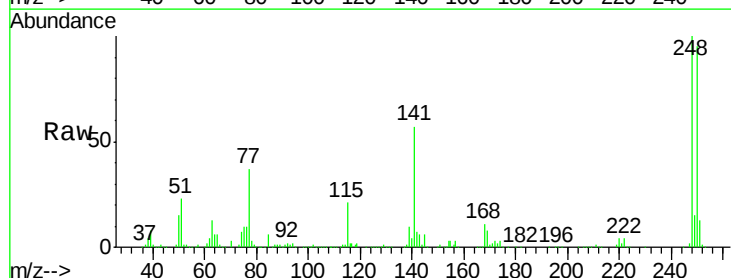
RT: 16.67 min Scan# 2278

Delta R.T. 0.00 min

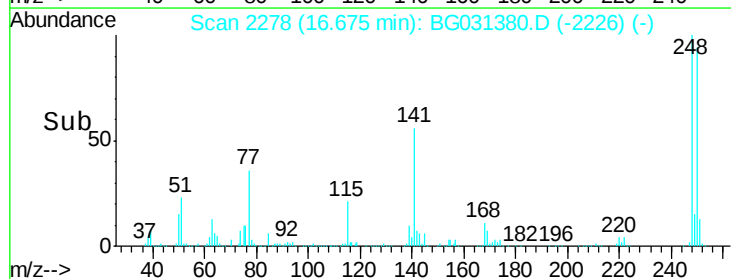
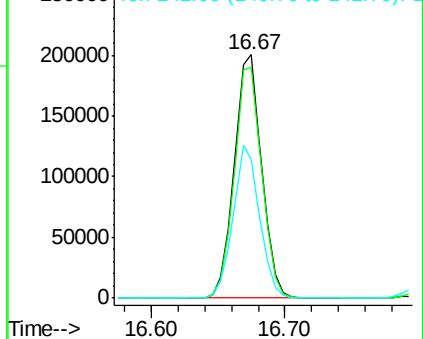
Lab File: BG031380.D

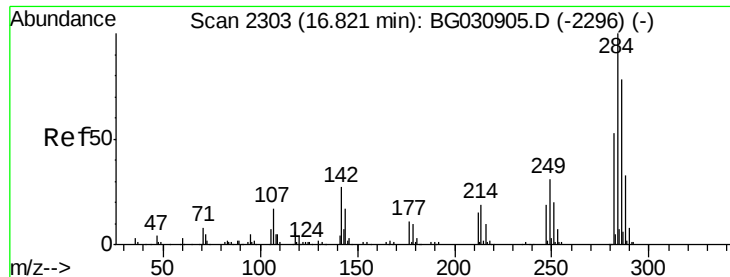
Acq: 6 Dec 2017 20:50

Tgt Ion:	248	Resp:	285479
Ion Ratio	Lower	Upper	
248	100		
250	94.5	77.1	115.7
141	56.8	50.8	76.2



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





#67

Hexachlorobenzene

Concen: 40.522 ng

RT: 16.80 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

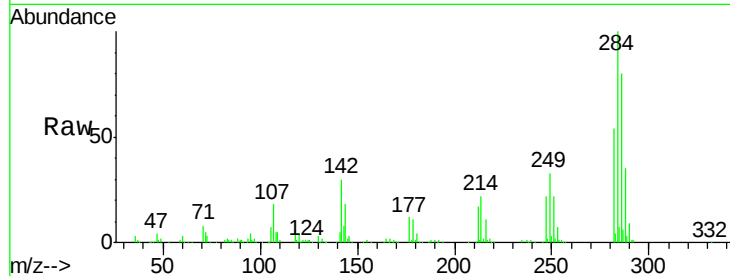
ClientSampled :

2041MSD

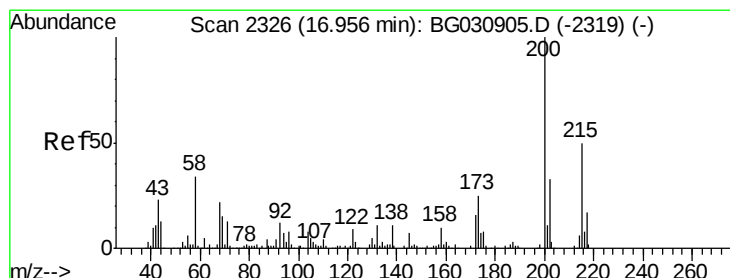
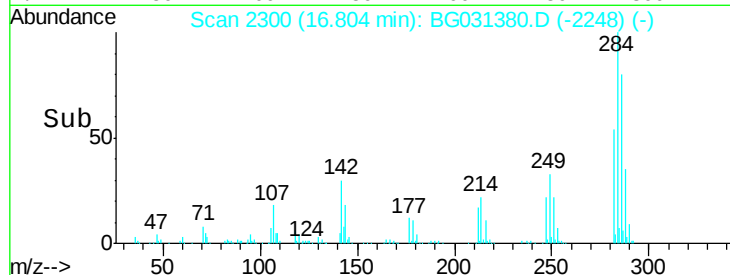
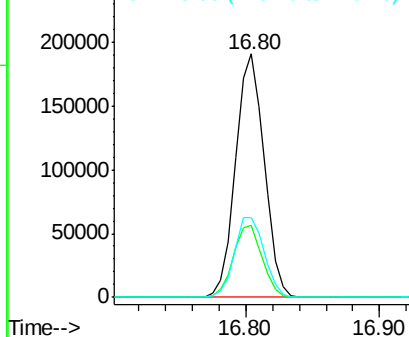
Tot Ion:	284	Resp:	282906
Ion Ratio		Lower	Upper
284	100		
142	29.6	26.8	40.2
249	32.5	26.3	39.5

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



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



#68

Atrazine

Concen: 41.770 ng

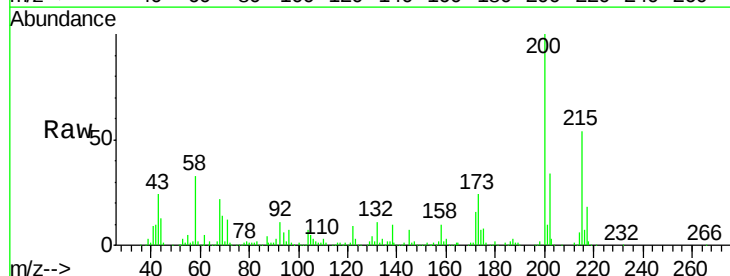
RT: 16.94 min Scan# 2323

Delta R.T. 0.00 min

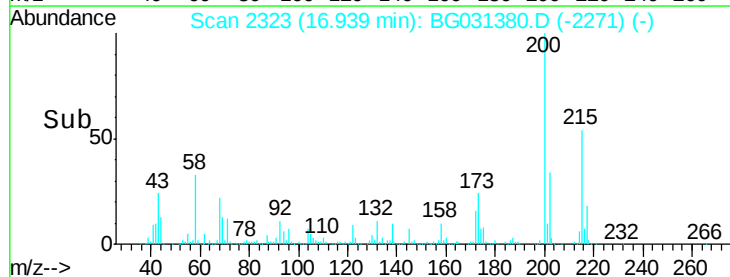
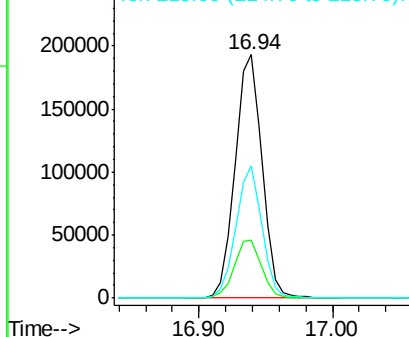
Lab File: BG031380.D

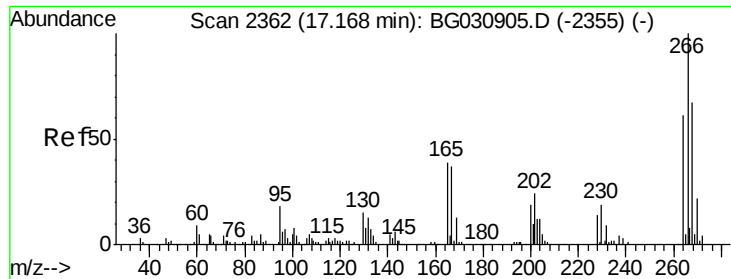
Acq: 6 Dec 2017 20:50

Tgt Ion:	200	Resp:	270920
Ion Ratio		Lower	Upper
200	100		
173	23.7	5.2	45.2
215	54.1	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





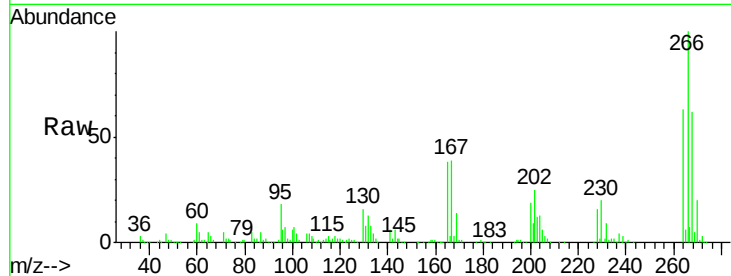
#69
 Pentachlorophenol
 Concen: 53.406 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleID :
 2041MSD

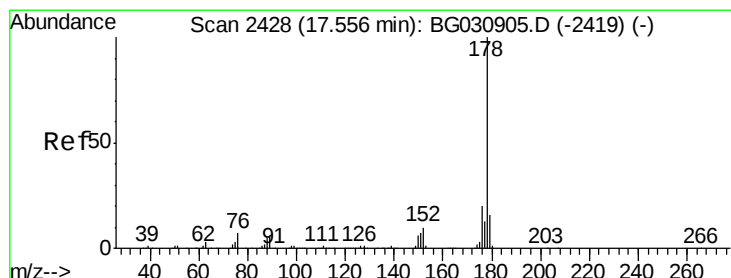
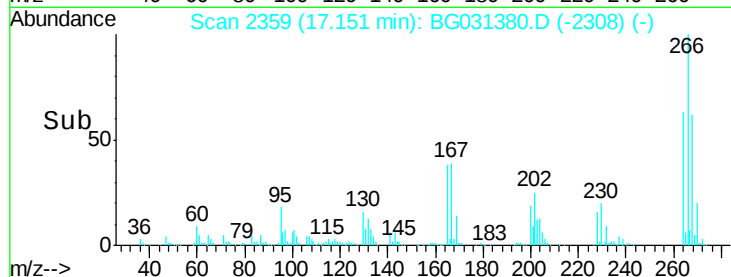
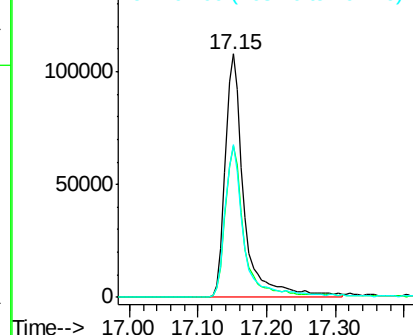
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	62.8	49.6	74.4

Manual Integrations
 APPROVED

Sohil
 12/7/2017 11:37:29 AM

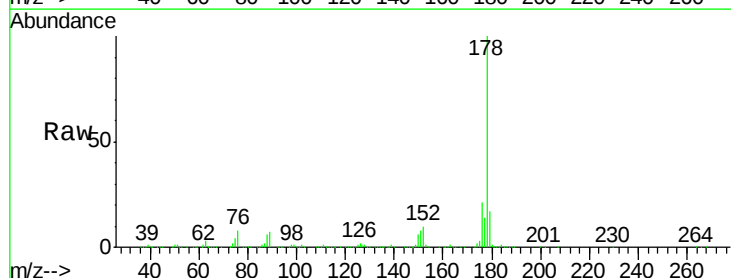


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

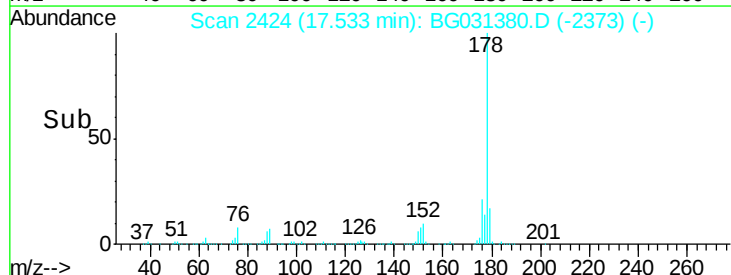
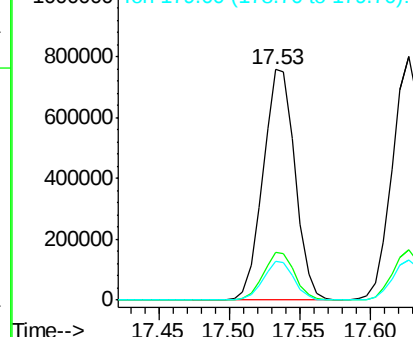


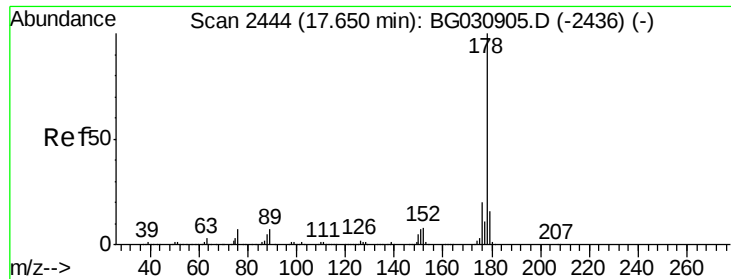
#70
 Phenanthrene
 Concen: 44.738 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	16.9	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





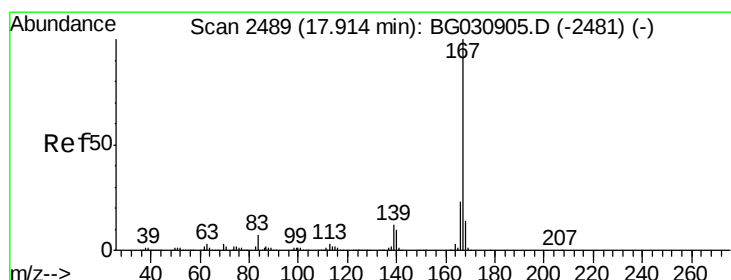
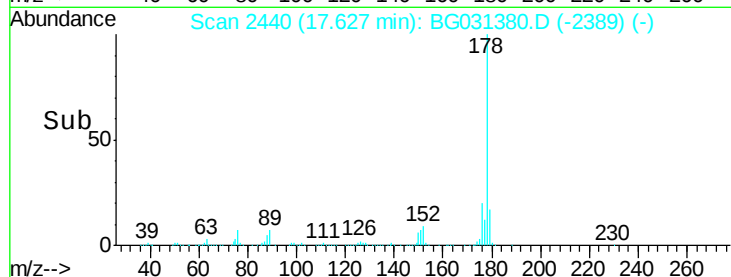
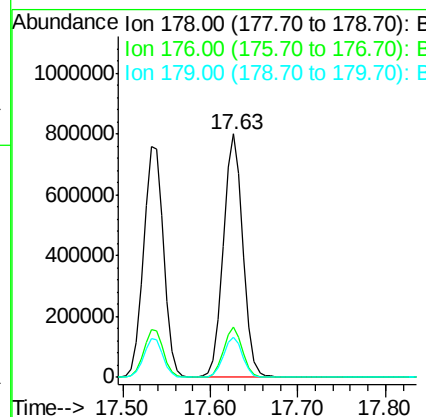
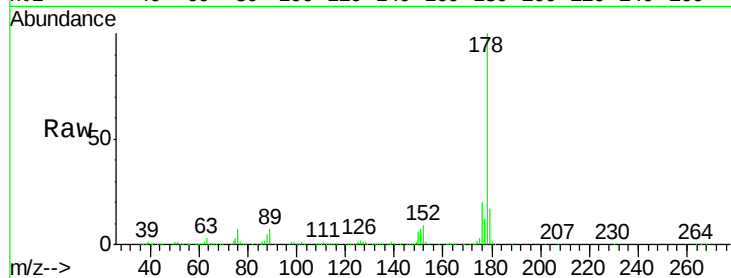
#71
 Anthracene
 Concen: 45.513 ng
 RT: 17.63 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :
 2041MSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.5	16.0	24.0	
179	16.6	12.5	18.7	

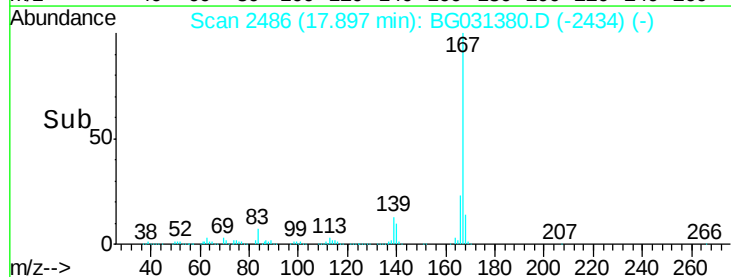
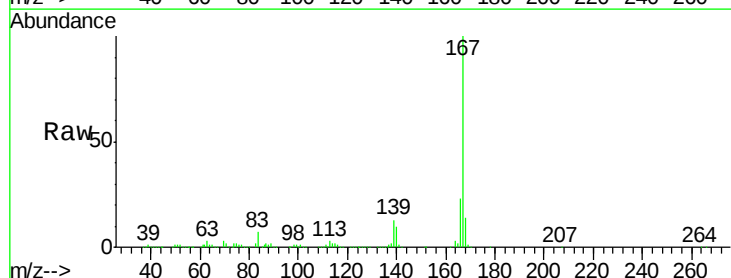
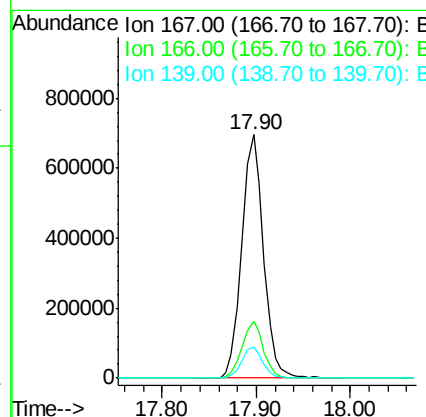
Manual Integrations
 APPROVED

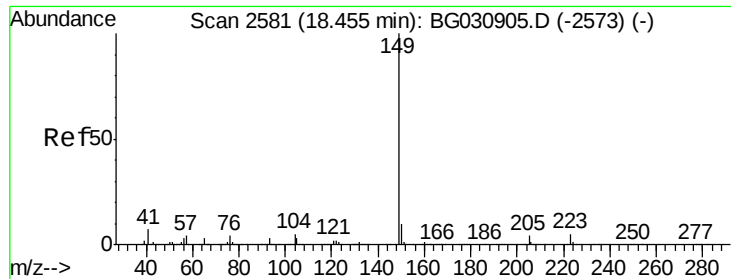
Sohil
 12/7/2017 11:37:29 AM



#72
 Carbazole
 Concen: 44.006 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.3	18.2	27.4	
139	12.8	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 42.063 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

2041MSD

Tot Ion:149 Resp: 1309728

Ion Ratio Lower Upper

149 100

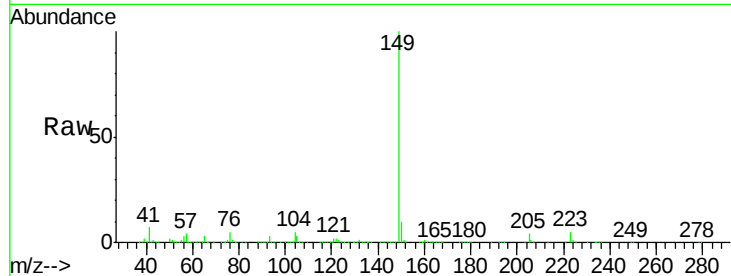
150 10.0 7.8 11.6

104 5.0 3.9 5.9

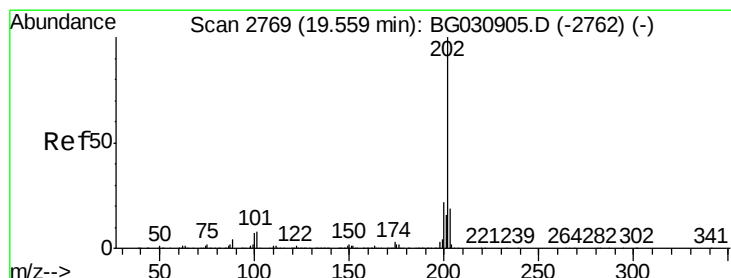
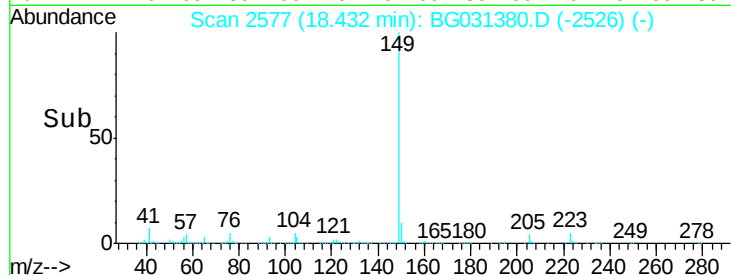
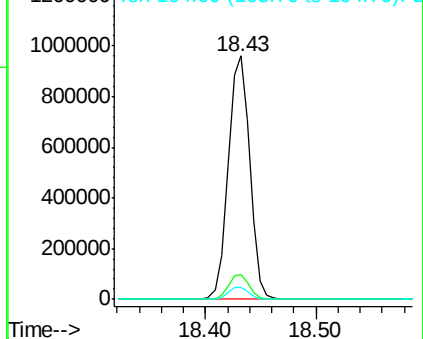
Manual Integrations
APPROVED

Sohil

12/7/2017 11:37:29 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.245 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

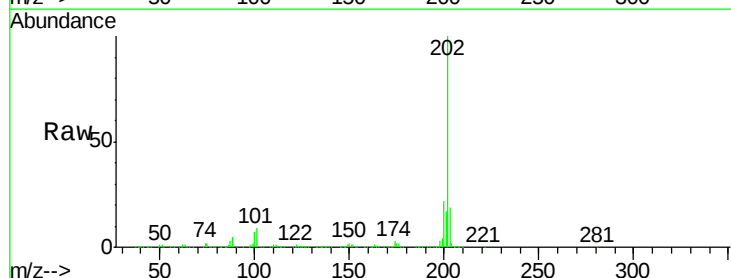
Tgt Ion:202 Resp: 1547350

Ion Ratio Lower Upper

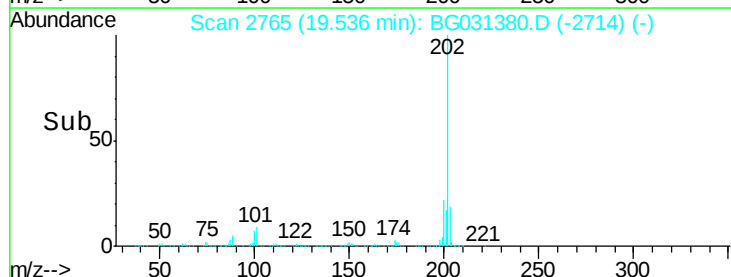
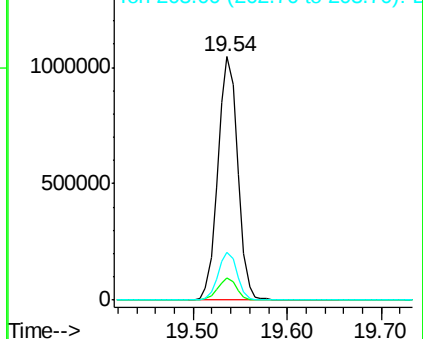
202 100

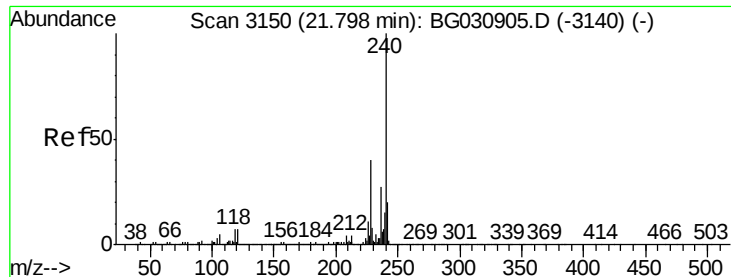
101 9.2 0.0 28.9

203 19.4 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

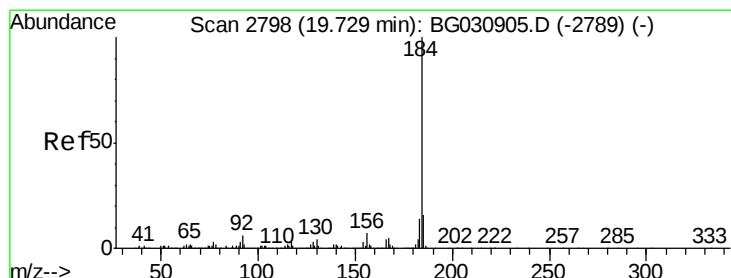
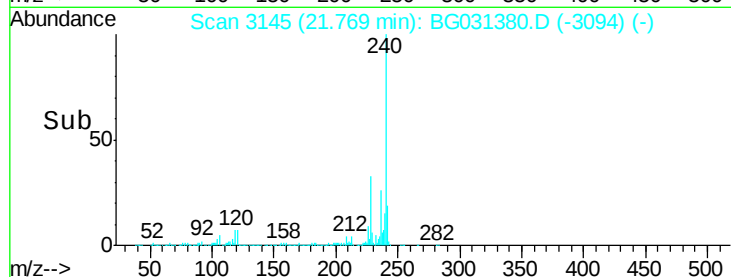
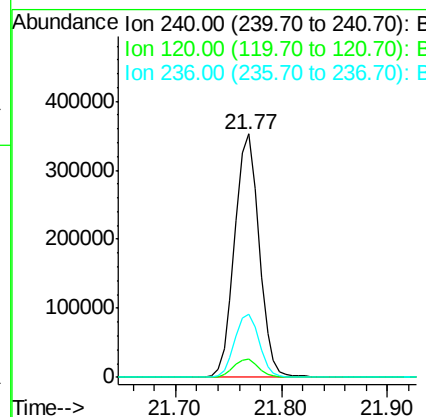
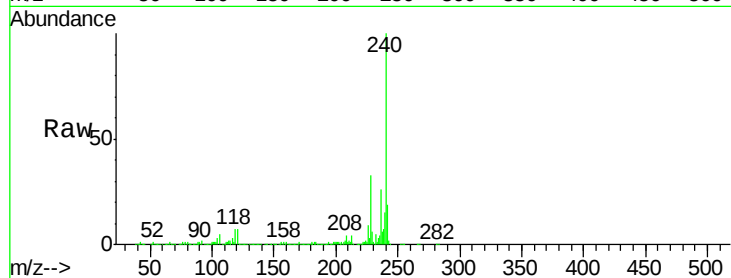
ClientSampleId :

2041MSD

Tot Ion:	240	Resp:	565047
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.8	10.2
236	26.2	20.9	31.3

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



#76

Benzidine

Concen: 6.290 ng m

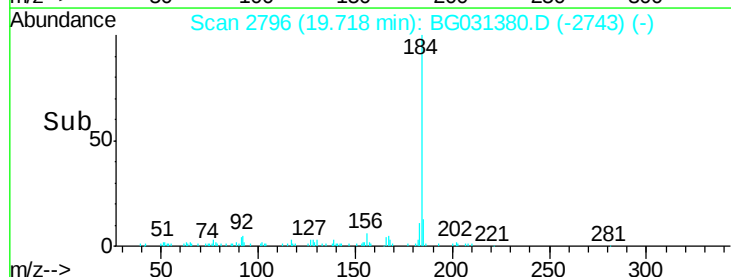
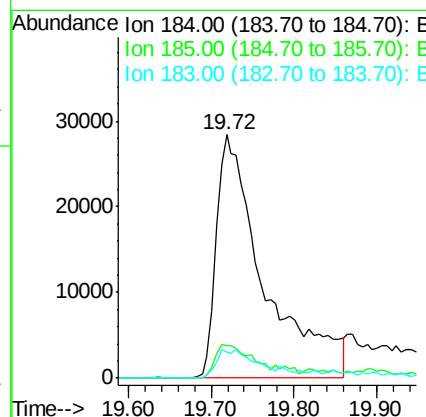
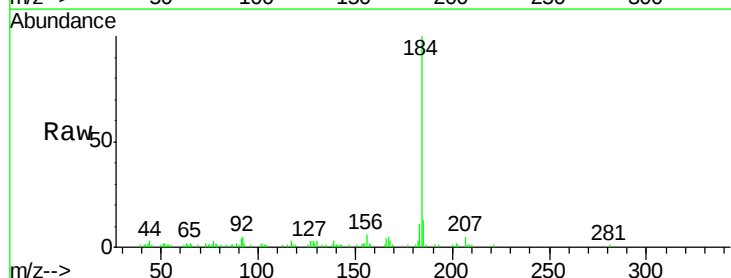
RT: 19.72 min Scan# 2796

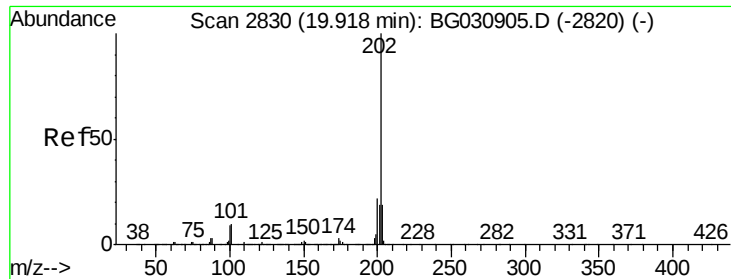
Delta R.T. 0.01 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion:	184	Resp:	114166
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.1	16.7
183	10.7	10.6	16.0





#77

Pvrene

Concen: 46.841 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

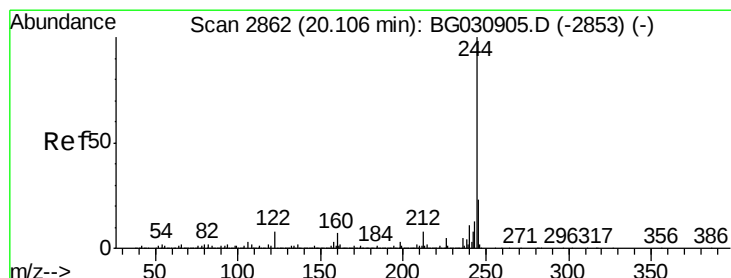
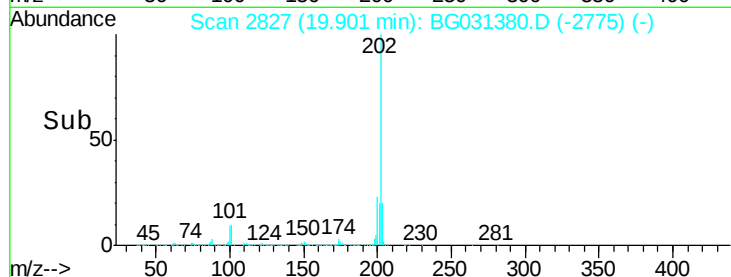
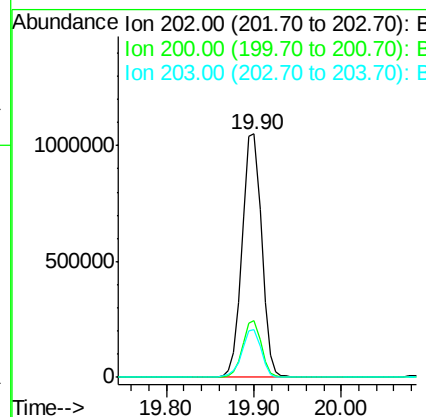
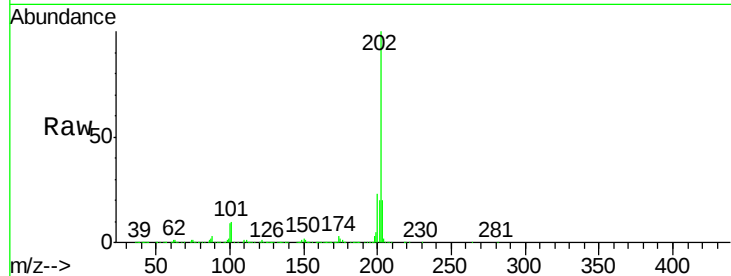
ClientSampleId :

2041MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.9	25.3
203	19.7	13.9	20.9

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



#78

Terphenyl-d14

Concen: 86.882 ng

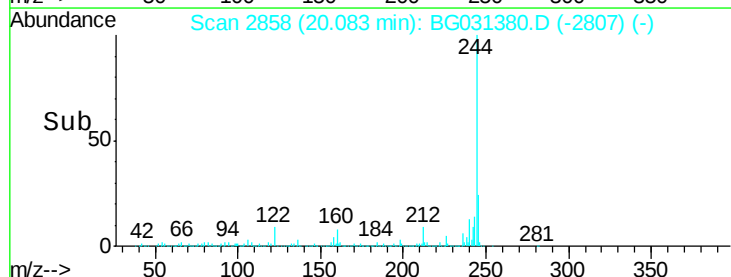
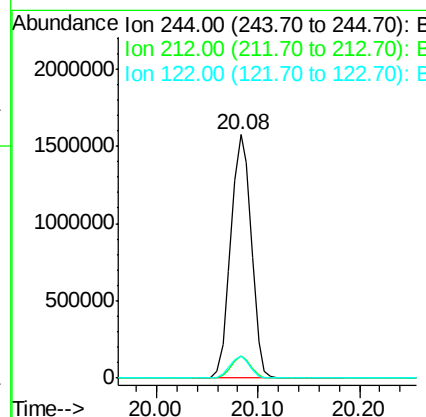
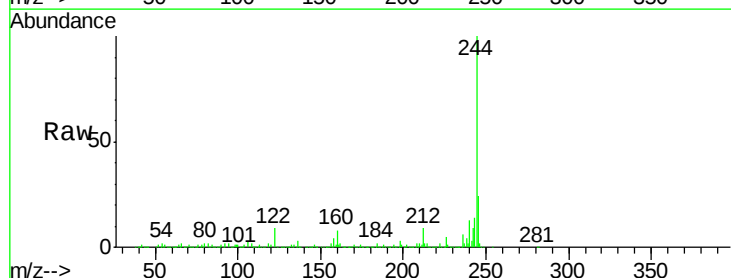
RT: 20.08 min Scan# 2858

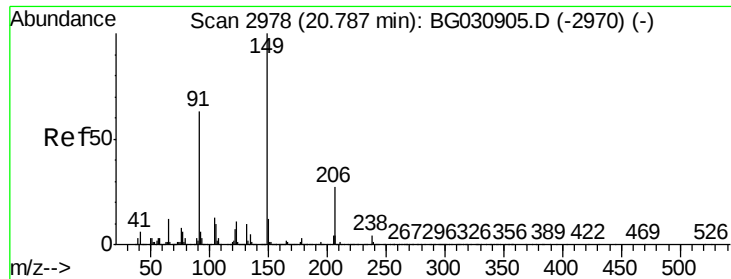
Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	9.1	7.0	10.4





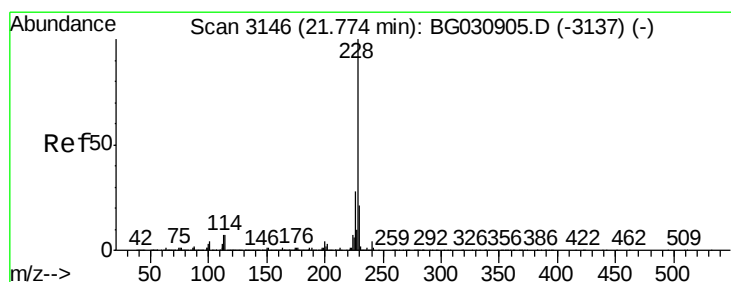
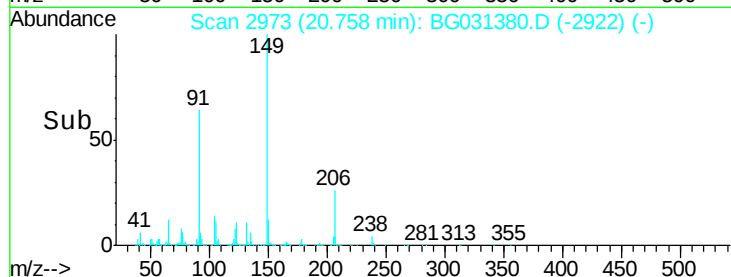
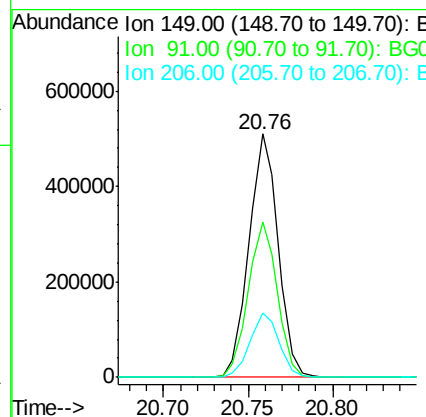
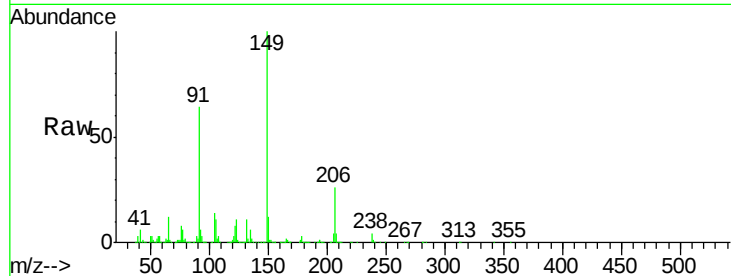
#79
Butylbenzylphthalate
Concen: 45.777 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.6	62.2	93.2
206	26.4	18.6	27.8

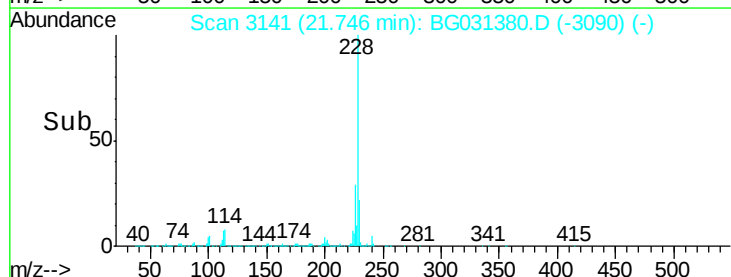
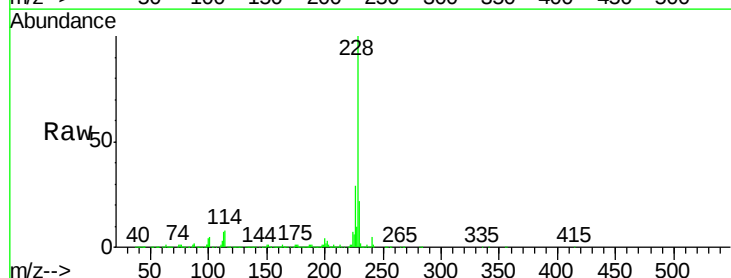
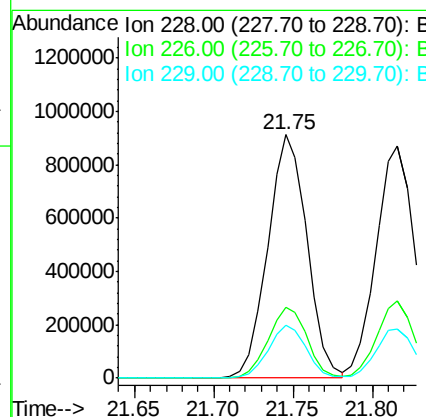
Manual Integrations
APPROVED

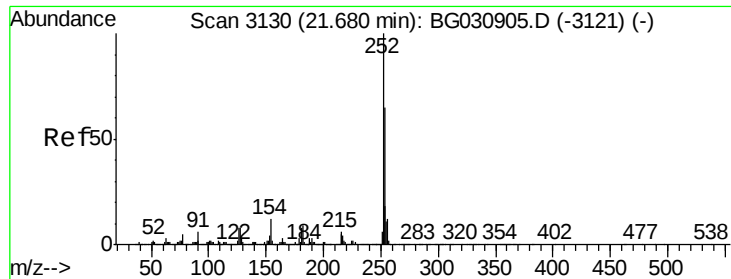
Sohil
12/7/2017 11:37:29 AM



#80
Benzo(a)anthracene
Concen: 44.728 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.7	16.2	24.2





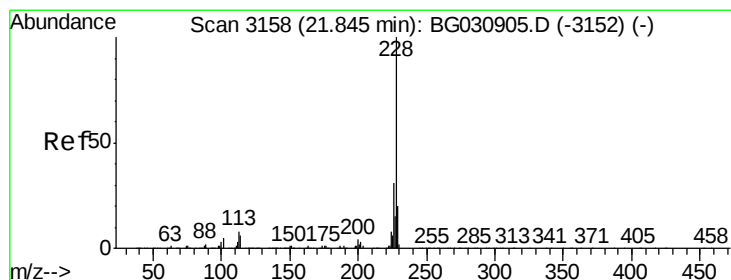
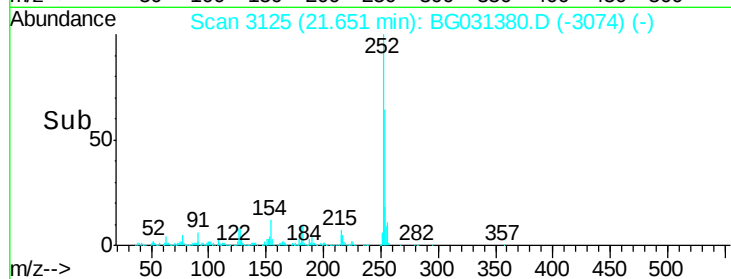
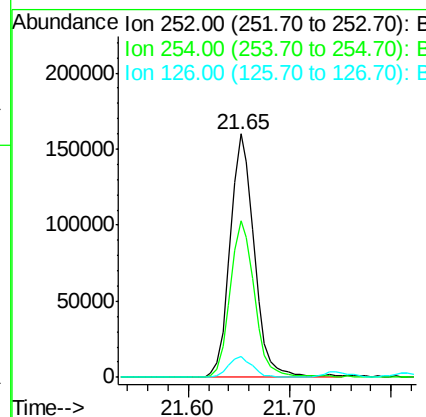
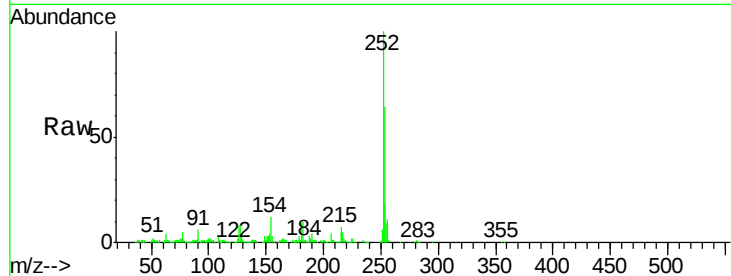
#81
 3,3'-Dichlorobenzidine
 Concen: 18.801 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :
 2041MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.8	76.2
126	8.4	7.4	11.2

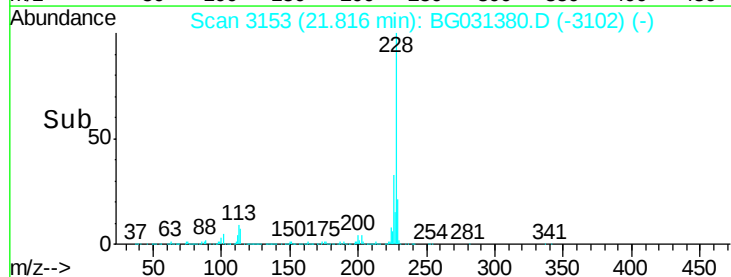
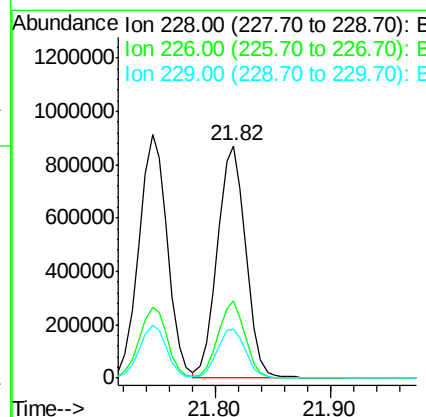
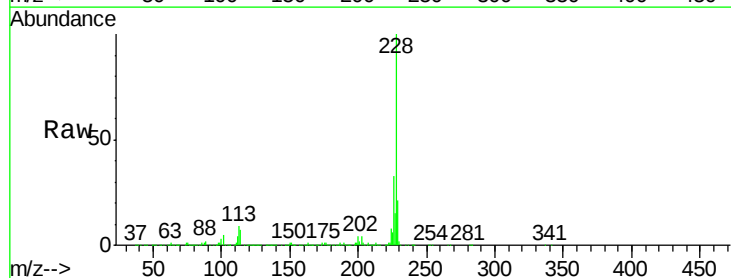
Manual Integrations
 APPROVED

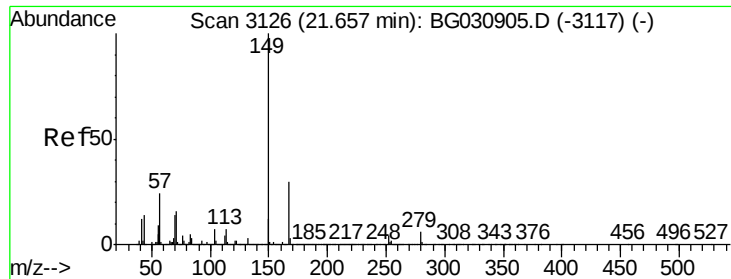
Sohil
 12/7/2017 11:37:29 AM



#82
 Chrysene
 Concen: 45.521 ng
 RT: 21.82 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.9	37.3
229	21.3	15.0	22.4





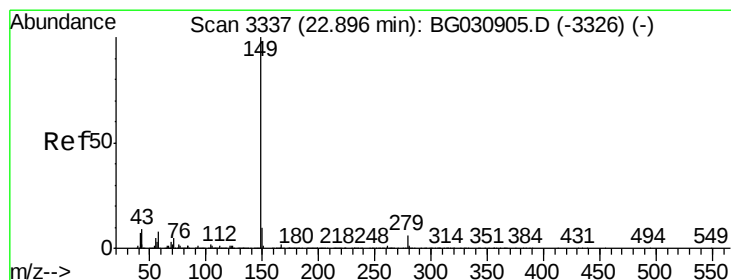
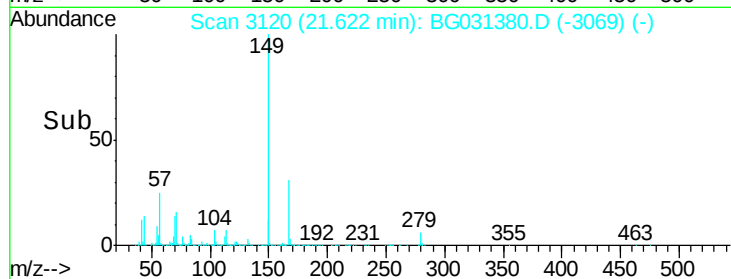
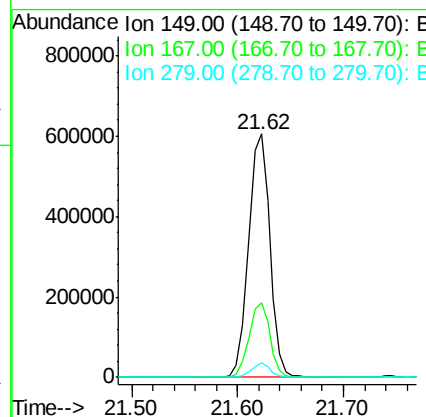
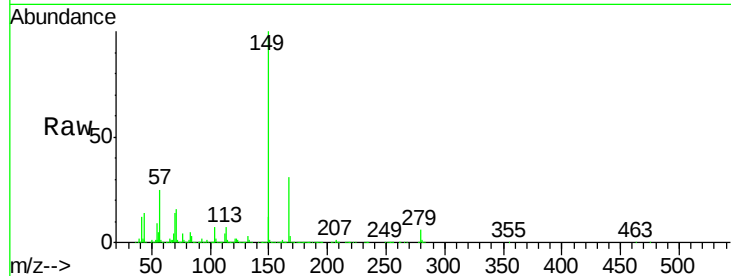
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.844 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :
 2041MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.3	36.5
279	5.8	4.0	6.0

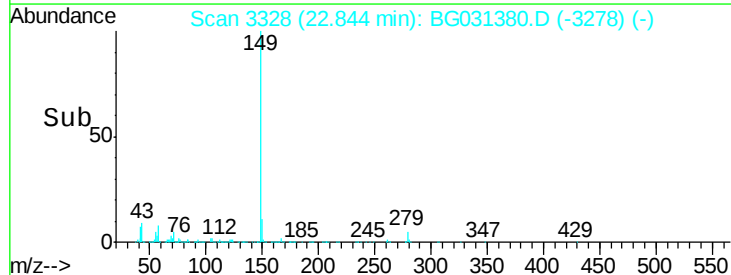
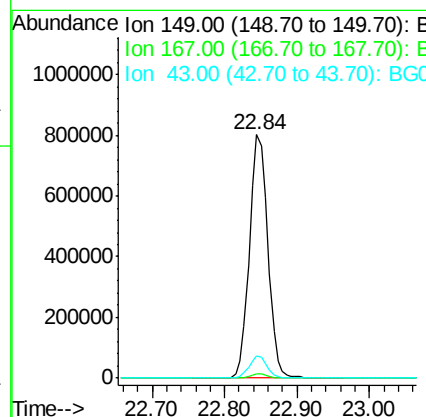
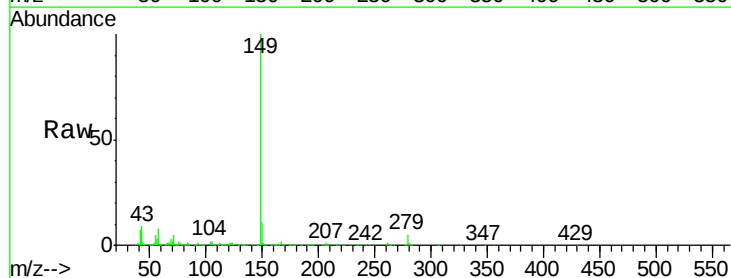
Manual Integrations
 APPROVED

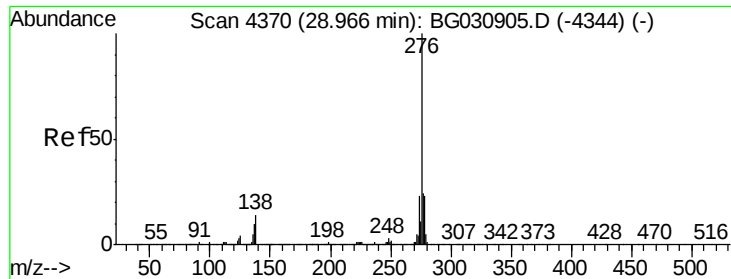
Sohil
 12/7/2017 11:37:29 AM



#84
 Di-n-octyl phthalate
 Concen: 45.264 ng
 RT: 22.84 min Scan# 3328
 Delta R.T. -0.01 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.8	8.9	13.3#





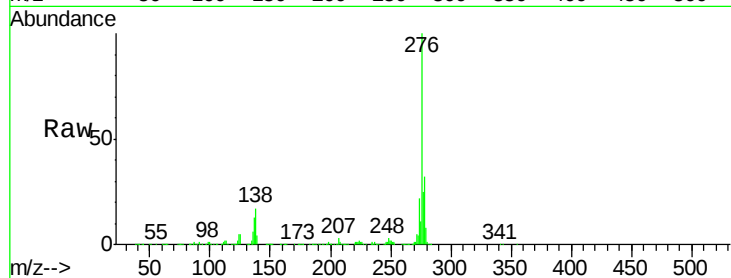
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.883 ng
 RT: 28.86 min Scan# 4352
 Delta R.T. 0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :
 2041MSD

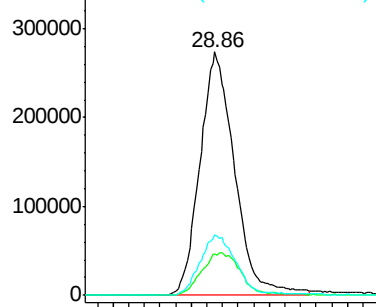
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.0	24.0
277	25.0	20.0	30.0

Manual Integrations
 APPROVED

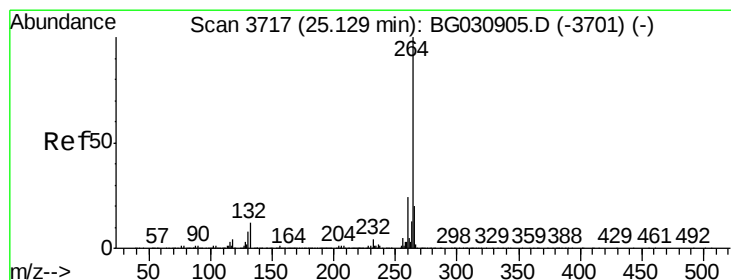
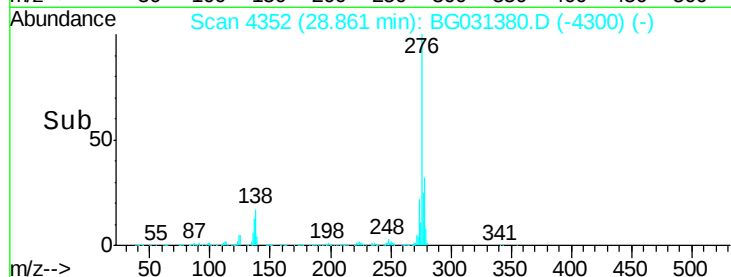
Sohil
 12/7/2017 11:37:29 AM



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



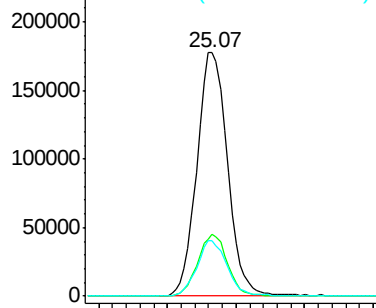
Time-->



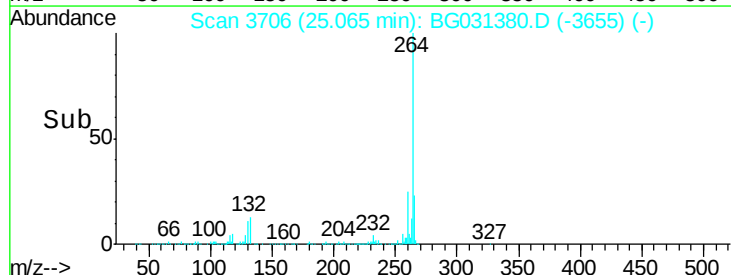
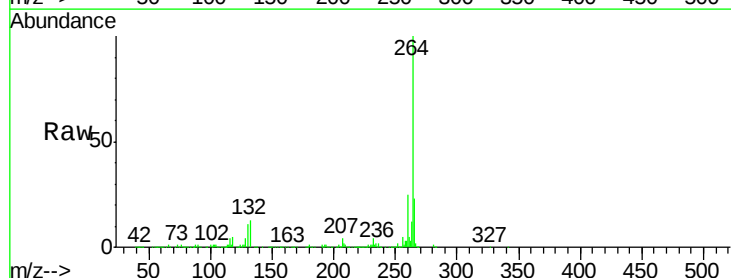
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3706
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

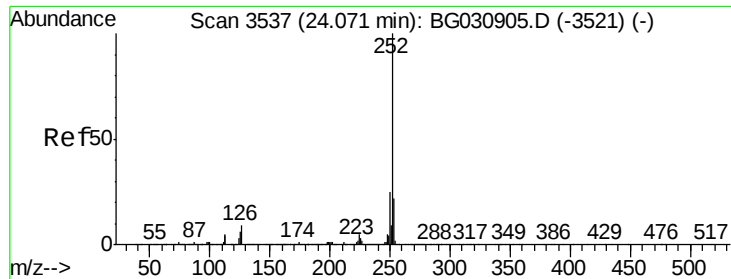
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	22.6	17.7	26.5

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 46.643 ng

RT: 24.02 min Scan# 3528

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

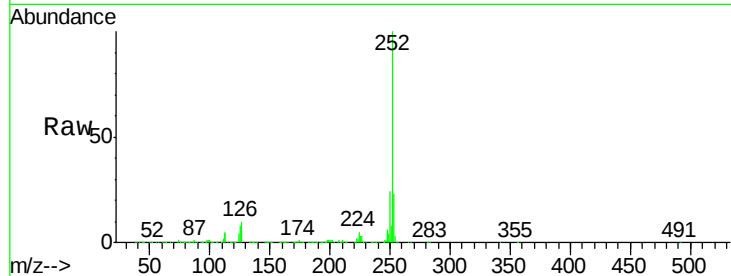
ClientSampleId :

2041MSD

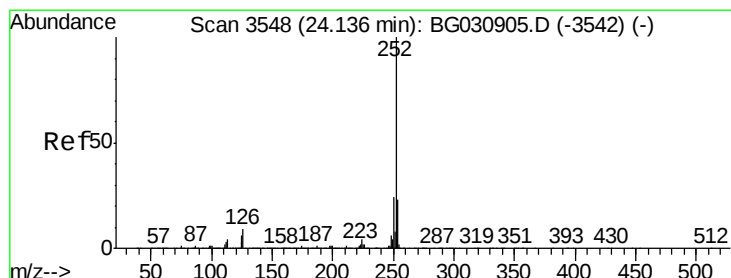
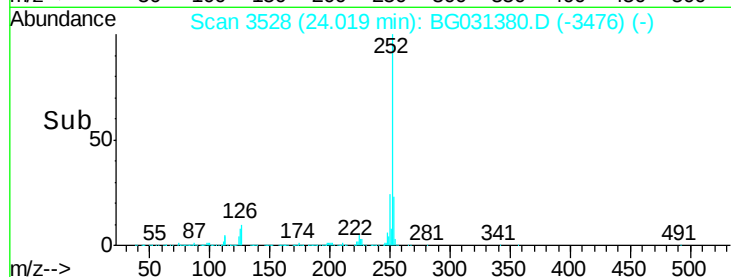
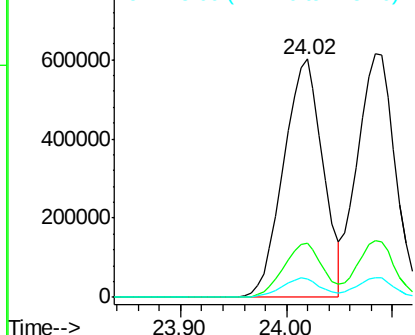
Tot Ion:	252	Resp:	1556637
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	7.8	7.2	10.8

Manual Integrations
APPROVED

Sohil
12/7/2017 11:37:29 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.531 ng

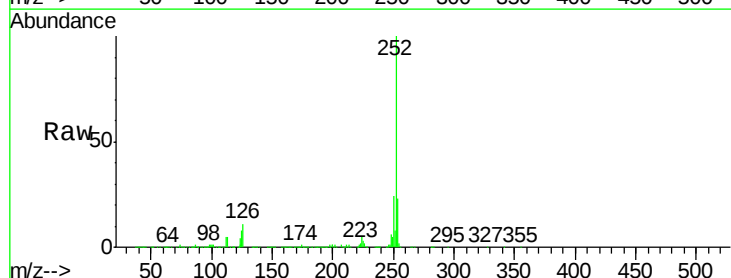
RT: 24.08 min Scan# 3539

Delta R.T. -0.00 min

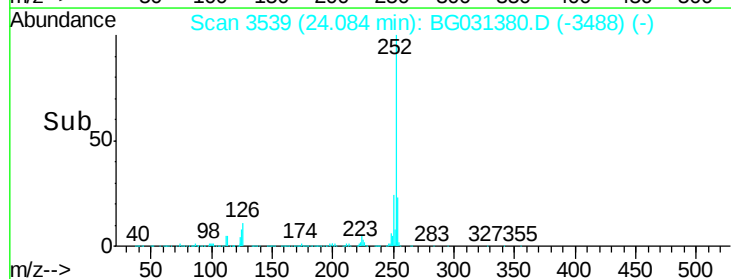
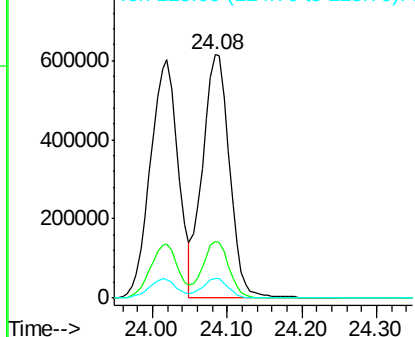
Lab File: BG031380.D

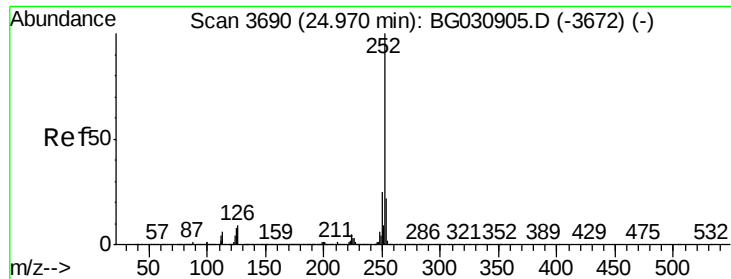
Acq: 6 Dec 2017 20:50

Tgt Ion:	252	Resp:	1539248
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	8.0	6.6	9.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





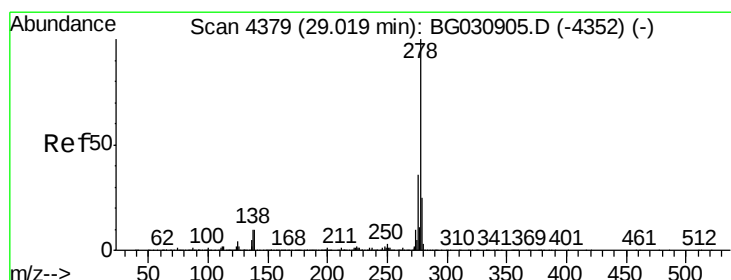
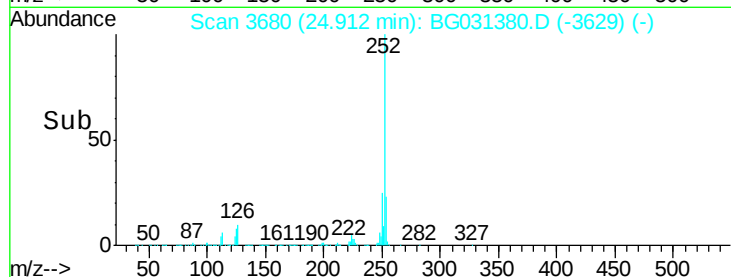
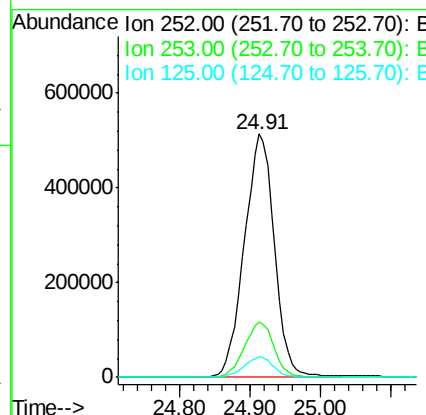
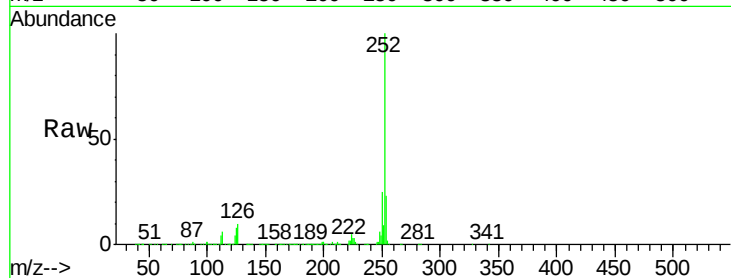
#89
Benzo(a)pyrene
Concen: 47.909 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :
2041MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	8.4	7.3	10.9

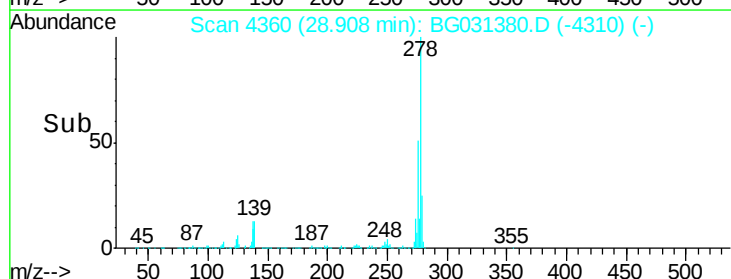
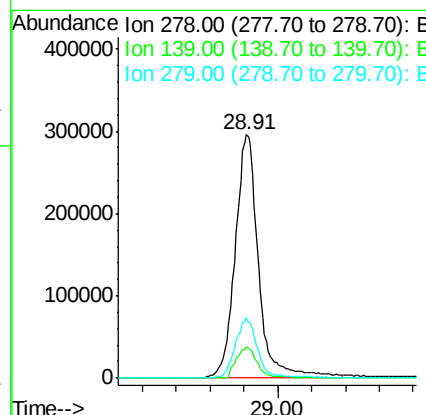
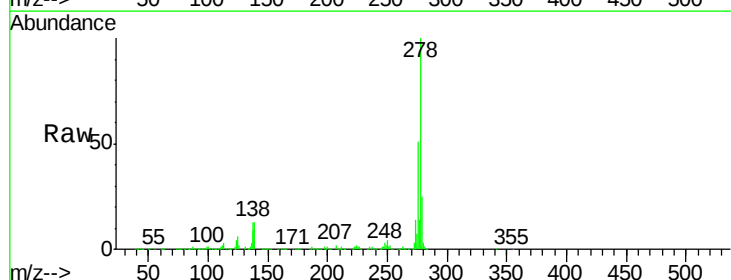
Manual Integrations
APPROVED

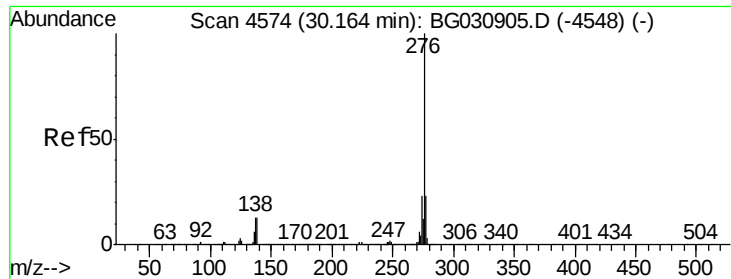
Sohil
12/7/2017 11:37:29 AM



#90
Dibenzo(a,h)anthracene
Concen: 43.844 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.8	14.6
279	24.7	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.509 ng
 RT: 30.04 min Scan# 4553
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :
 2041MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.3	27.5
138	17.1	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 12/7/2017 11:37:29 AM

