

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032989.D
 Acq On : 5 Mar 2018 14:42
 Operator : SJ/JU
 Sample : J1699-64MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:26:24 PM

Quant Time: Mar 05 15:27:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	65489	20.00	ng	-0.01
21) Naphthalene-d8	11.80	136	296950	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	175930	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	396383	20.00	ng	0.00
75) Chrysene-d12	22.62	240	351622	20.00	ng	0.00
86) Perylene-d12	26.42	264	377380	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	549718	134.29	ng	0.00
7) Phenol-d6	8.01	99	707916	124.07	ng	0.00
23) Nitrobenzene-d5	10.11	82	486999	110.45	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	288495	155.96	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1036717	84.99	ng	-0.01
78) Terphenyl-d14	20.78	244	1499248	95.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.98	88	61051	34.365	ng	# 91
3) Pyridine	4.43	79	149223	30.475	ng	93
4) n-Nitrosodimethylamine	4.33	42	103035	52.485	ng	# 85
6) Aniline	8.21	93	132724	17.185	ng	95
8) 2-Chlorophenol	8.46	128	211843	47.281	ng	95
9) Benzaldehyde	8.01	77	61936	18.835	ng	96
10) Phenol	8.04	94	244682	42.541	ng	94
11) bis(2-Chloroethyl)ether	8.29	93	197197	41.929	ng	97
12) 1,3-Dichlorobenzene	8.80	146	209270	39.877	ng	96
13) 1,4-Dichlorobenzene	8.95	146	212847	40.294	ng	97
14) 1,2-Dichlorobenzene	9.29	146	203852	40.271	ng	98
15) Benzyl Alcohol	9.15	79	196903	46.942	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.43	45	378940	46.869	ng	99
17) 2-Methylphenol	9.34	107	186423	43.955	ng	97
18) Hexachloroethane	10.04	117	78562	43.681	ng	# 81
19) n-Nitroso-di-n-propylamine	9.73	70	174729	43.378	ng	# 92
20) 3+4-Methylphenols	9.67	107	259234	43.959	ng	94
22) Acetophenone	9.76	105	317397	42.323	ng	# 98
24) Nitrobenzene	10.16	77	241550	50.607	ng	90
25) Isophorone	10.68	82	477683	45.831	ng	# 94
26) 2-Nitrophenol	10.88	139	117051	62.956	ng	93
27) 2,4-Dimethylphenol	10.91	122	232491	51.348	ng	90
28) bis(2-Chloroethoxy)methane	11.15	93	284273	46.818	ng	97
29) 2,4-Dichlorophenol	11.42	162	207507	50.496	ng	95
30) 1,2,4-Trichlorobenzene	11.65	180	197875	41.078	ng	98
31) Naphthalene	11.85	128	723616	46.635	ng	99
32) Benzoic acid	11.03	122	128885	46.404	ng	# 82
33) 4-Chloroaniline	11.94	127	89994	12.971	ng	96
34) Hexachlorobutadiene	12.11	225	106298	39.341	ng	95
35) Caprolactam	12.68	113	67654	41.116	ng	98
36) 4-Chloro-3-methylphenol	13.00	107	254304	53.178	ng	91
37) 2-Methylnaphthalene	13.40	142	505180	45.001	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	209941	40.199	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	252682	94.936	ng	90

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032989.D
 Acq On : 5 Mar 2018 14:42
 Operator : SJ/JU
 Sample : J1699-64MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

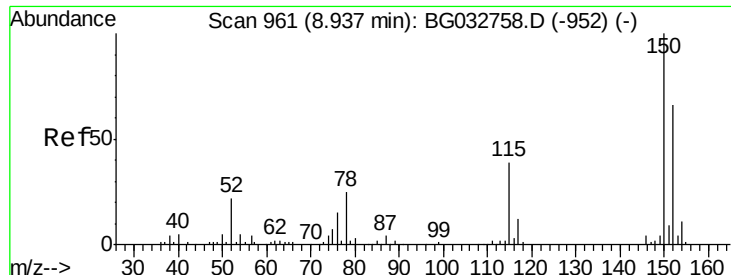
Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:26:24 PM

Quant Time: Mar 05 15:27:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	163454	49.629	ng	98
43) 2,4,5-Trichlorophenol	14.04	196	182401	47.851	ng	# 96
45) 1,1'-Biphenyl	14.37	154	634253	41.256	ng	95
46) 2-Chloronaphthalene	14.43	162	478009	41.624	ng	98
47) 2-Nitroaniline	14.61	65	181864	59.763	ng	93
48) Acenaphthylene	15.26	152	798711	42.481	ng	97
49) Dimethylphthalate	14.96	163	649047	43.449	ng	99
50) 2,6-Dinitrotoluene	15.08	165	147301	57.430	ng	90
51) Acenaphthene	15.60	154	549866	46.959	ng	98
52) 3-Nitroaniline	15.41	138	85789	31.182	ng	# 85
53) 2,4-Dinitrophenol	15.61	184	117172	124.081	ng	93
54) Dibenzofuran	15.92	168	746824	44.793	ng	93
55) 4-Nitrophenol	15.68	139	221708	89.692	ng	83
56) 2,4-Dinitrotoluene	15.86	165	205649	64.753	ng	87
57) Fluorene	16.56	166	607121	44.118	ng	100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	158054m	53.405	ng	
59) Diethylphthalate	16.29	149	698825	44.354	ng	98
60) 4-Chlorophenyl-phenylether	16.54	204	302600	44.950	ng	91
61) 4-Nitroaniline	16.56	138	148618	46.182	ng	86
62) Azobenzene	16.83	77	639424	45.364	ng	95
64) 4,6-Dinitro-2-methylphenol	16.62	198	89741	67.057	ng	97
65) n-Nitrosodiphenylamine	16.75	169	563426	43.694	ng	97
66) 4-Bromophenyl-phenylether	17.43	248	181461	43.294	ng	# 86
67) Hexachlorobenzene	17.56	284	186975	41.280	ng	# 89
68) Atrazine	17.67	200	193569	45.604	ng	96
69) Pentachlorophenol	17.89	266	250399	87.768	ng	99
70) Phenanthrene	18.30	178	967802	43.764	ng	97
71) Anthracene	18.39	178	983222	44.286	ng	98
72) Carbazole	18.64	167	913590	41.748	ng	97
73) Di-n-butylphthalate	19.14	149	1157949	43.132	ng	98
74) Fluoranthene	20.25	202	1063024	43.517	ng	94
76) Benzidine	20.41	184	141906	11.840	ng	97
77) Pyrene	20.61	202	1063996	42.909	ng	96
79) Butylbenzylphthalate	21.47	149	543164	49.406	ng	92
80) Benzo(a)anthracene	22.59	228	1022160	45.333	ng	100
81) 3,3'-Dichlorobenzidine	22.47	252	212671	25.467	ng	# 98
82) Chrysene	22.67	228	951999	44.199	ng	98
83) Bis(2-ethylhexyl)phthalate	22.42	149	770118	47.323	ng	# 96
84) Di-n-octyl phthalate	23.84	149	1313871	52.968	ng	99
85) Indeno(1,2,3-cd)pyrene	30.84	276	1101734	43.860	ng	# 91
87) Benzo(b)fluoranthene	25.19	252	1023231	45.857	ng	# 97
88) Benzo(k)fluoranthene	25.28	252	1003548	45.254	ng	# 97
89) Benzo(a)pyrene	26.24	252	987753	46.542	ng	# 96
90) Dibenzo(a,h)anthracene	30.92	278	878926	41.144	ng	# 93
91) Benzo(g,h,i)perylene	32.24	276	919293	43.654	ng	# 91

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



#1

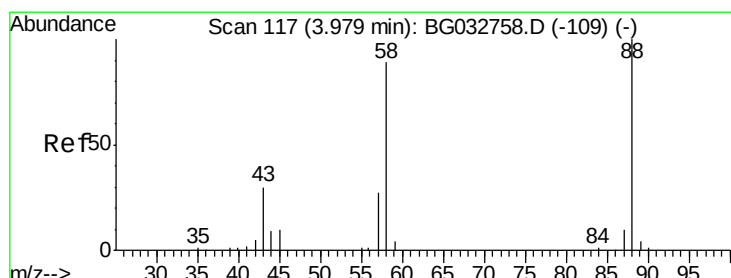
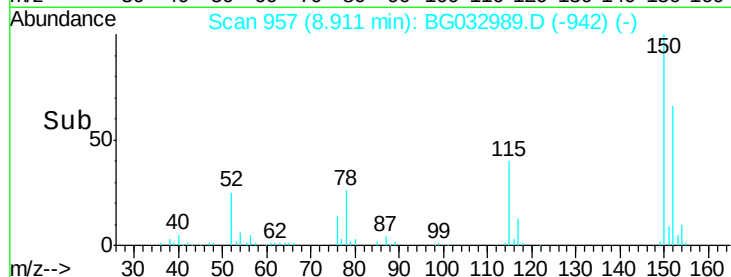
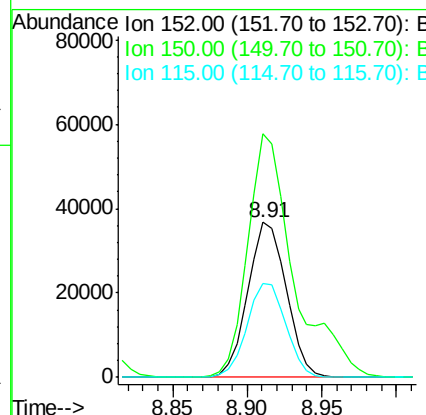
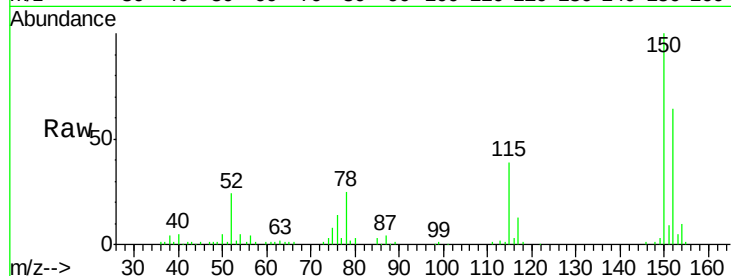
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	60.8	53.0	79.4

Manual Integrations
APPROVED

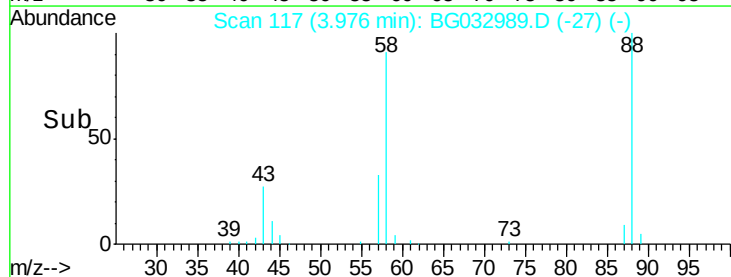
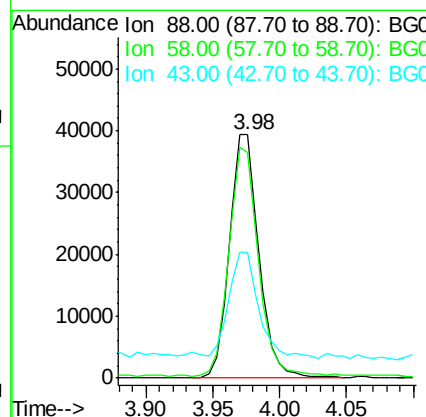
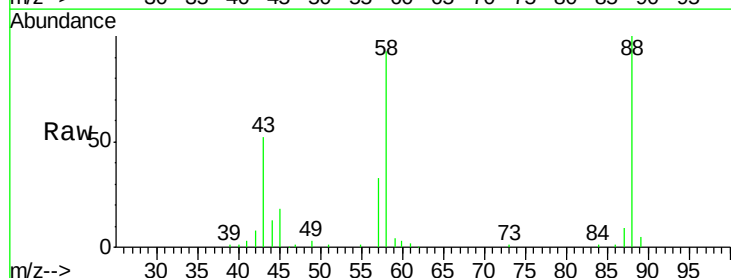
Sohil
3/6/2018 4:26:24 PM

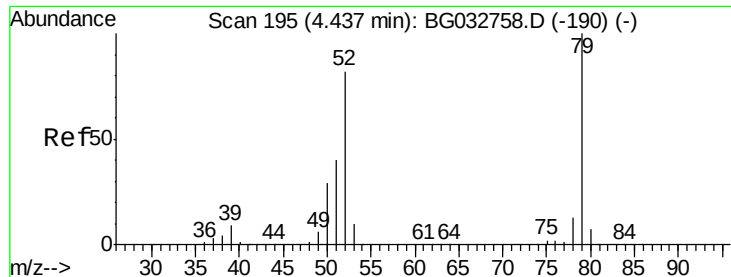


#2

1,4-Dioxane
Concen: 34.365 ng
RT: 3.98 min Scan# 117
Delta R.T. 0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.6	79.6	119.4
43	45.4	27.4	41.0





#3

Pvridine

Concen: 30.475 ng

RT: 4.43 min Scan# 195

Delta R.T. 0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

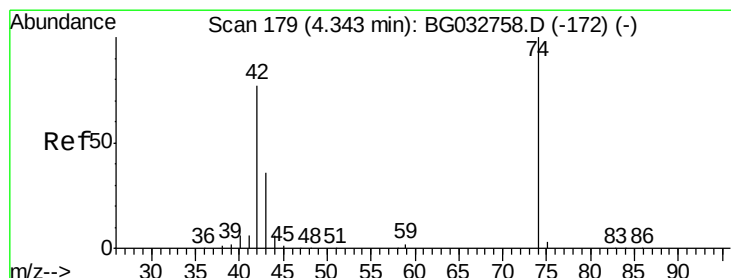
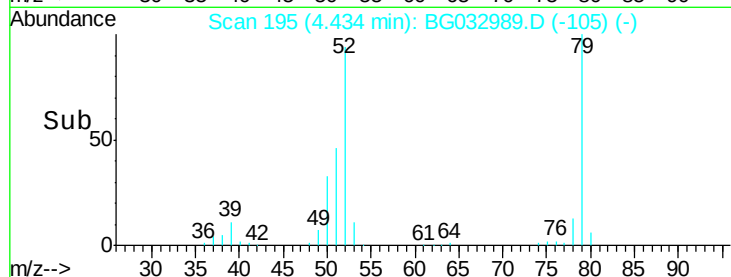
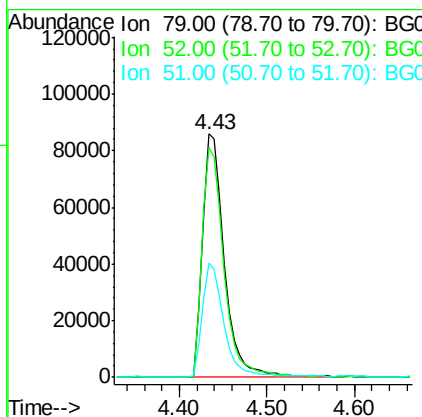
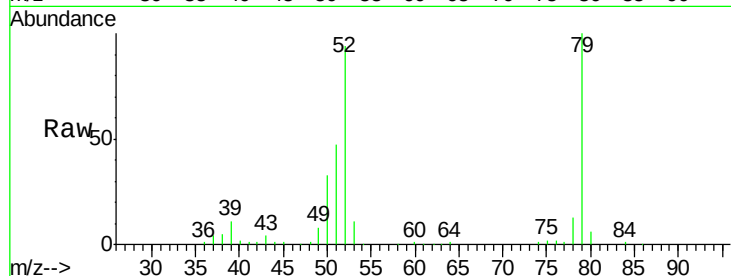
ClientSampled :

B21MSD

Tot Ion:	79	Resp:	149223
Ion	Ratio	Lower	Upper
79	100		
52	94.2	69.9	104.9
51	46.7	34.0	51.0

Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:24 PM



#4

n-Nitrosodimethylamine

Concen: 52.485 ng

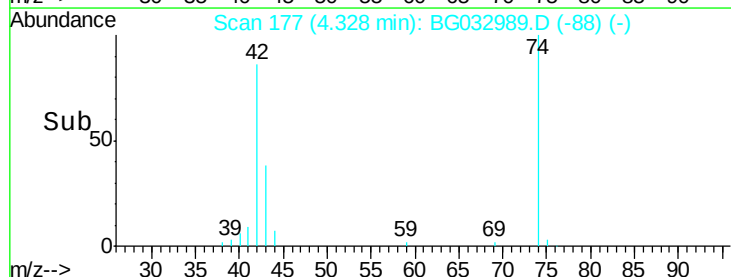
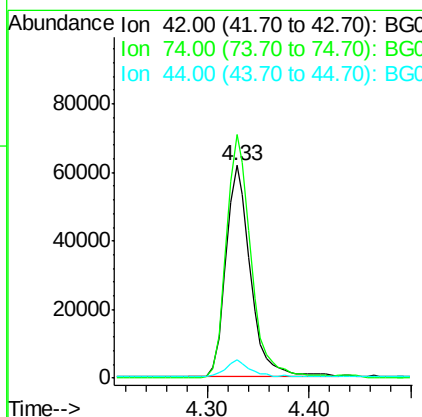
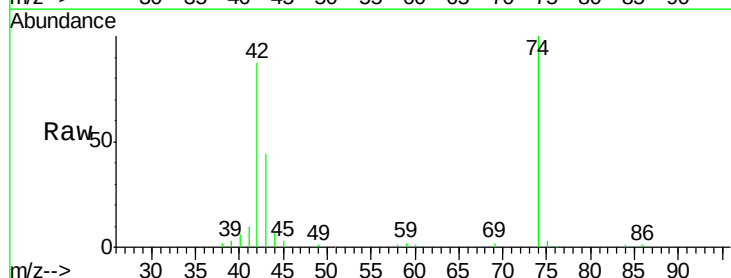
RT: 4.33 min Scan# 177

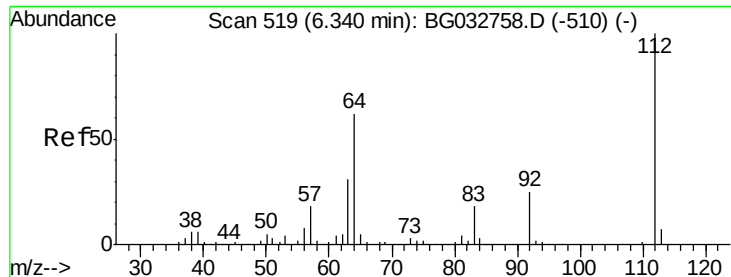
Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Tgt Ion:	42	Resp:	103035
Ion	Ratio	Lower	Upper
42	100		
74	114.7	102.5	153.7
44	8.6	18.9	28.3





#5

2-Fluorophenol

Concen: 134.293 ng

RT: 6.33 min Scan# 517

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

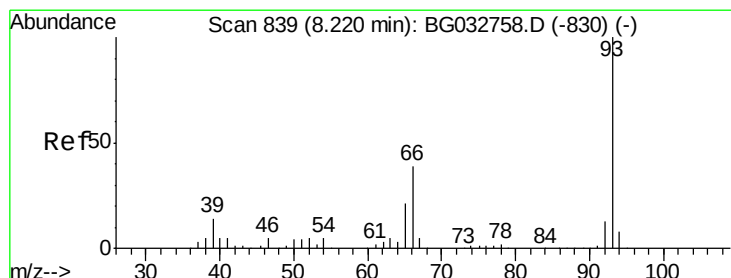
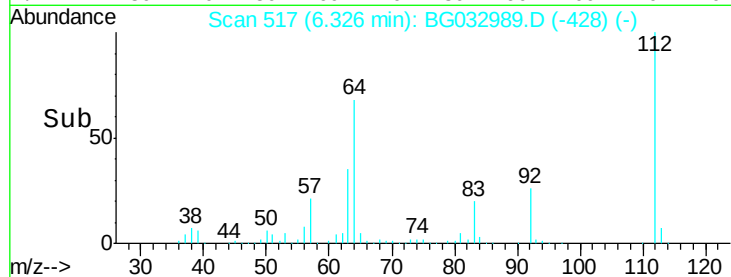
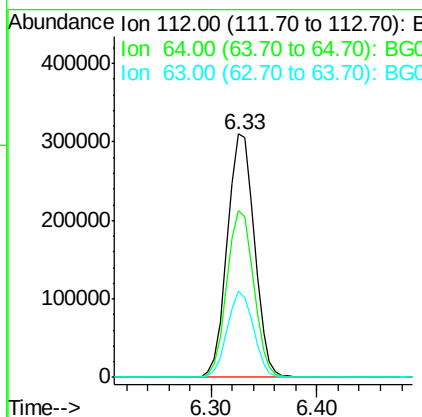
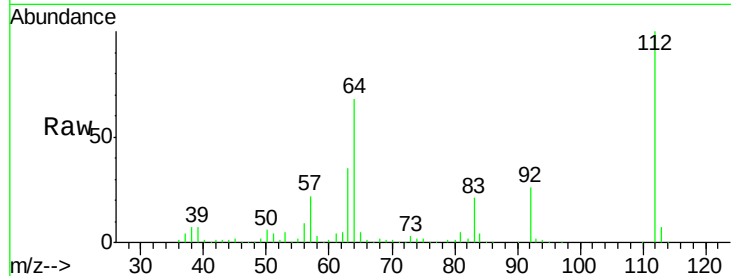
ClientSampled :

B21MSD

Tot Ion:	112	Resp:	549718
Ion Ratio	Lower	Upper	
112	100		
64	68.5	56.3	84.5
63	35.2	30.1	45.1

Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:24 PM



#6

Aniline

Concen: 17.185 ng

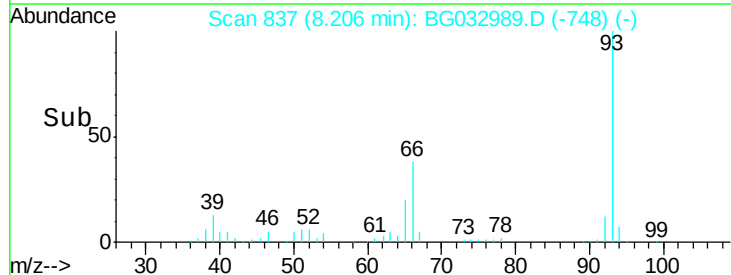
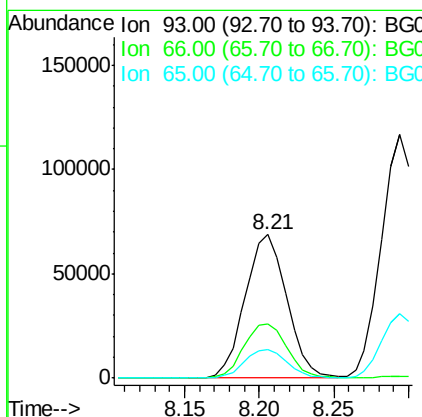
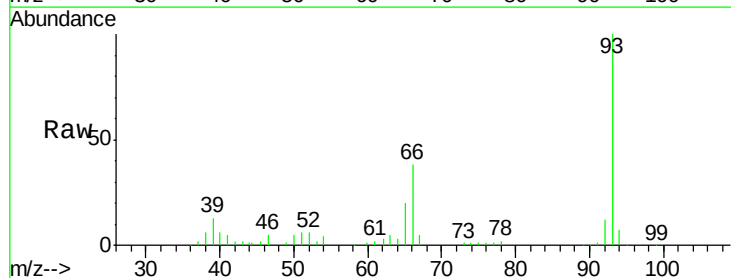
RT: 8.21 min Scan# 837

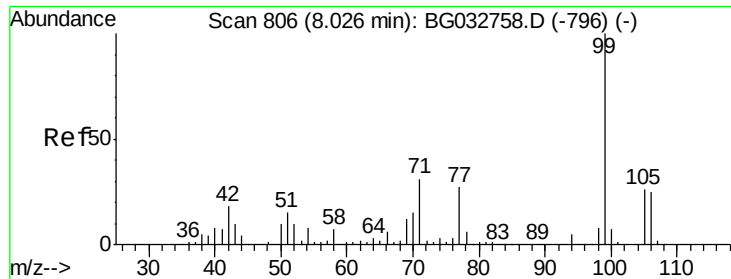
Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Tgt Ion:	93	Resp:	132724
Ion Ratio	Lower	Upper	
93	100		
66	37.9	33.7	50.5
65	20.0	16.1	24.1





#7

Phenol-d6

Concen: 124.072 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampled :

B21MSD

Tot Ion: 99 Resp: 707916

Ion Ratio Lower Upper

99 100

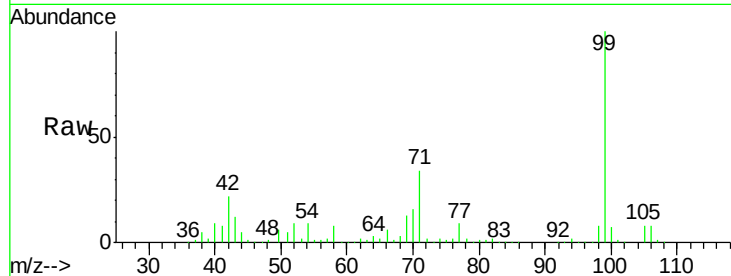
42 22.0 14.1 21.1#

71 34.3 26.1 39.1

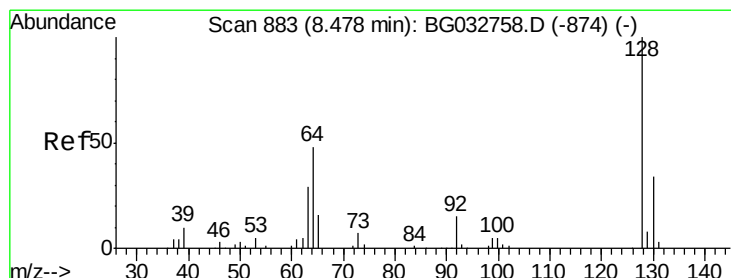
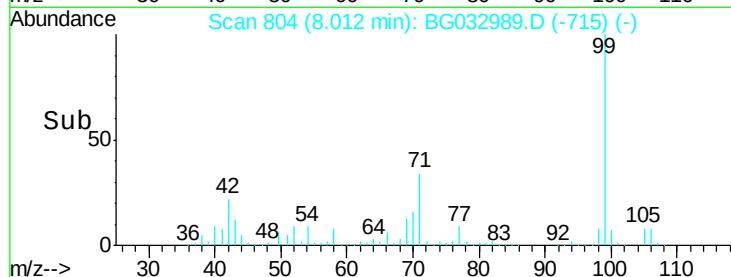
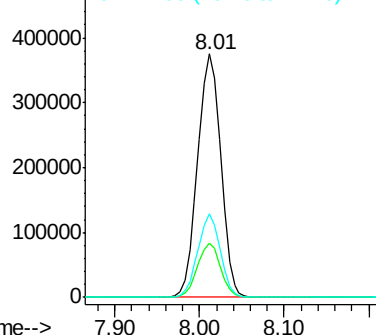
Manual Integrations
APPROVED

Sohil

3/6/2018 4:26:24 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.281 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

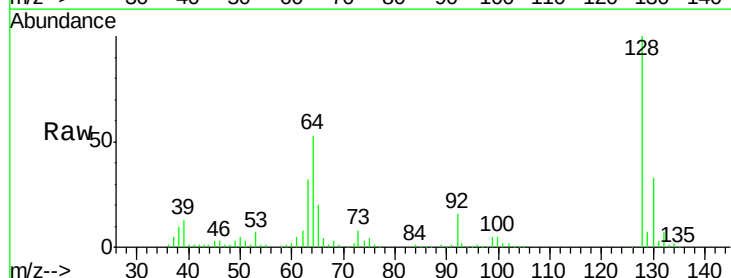
Tgt Ion: 128 Resp: 211843

Ion Ratio Lower Upper

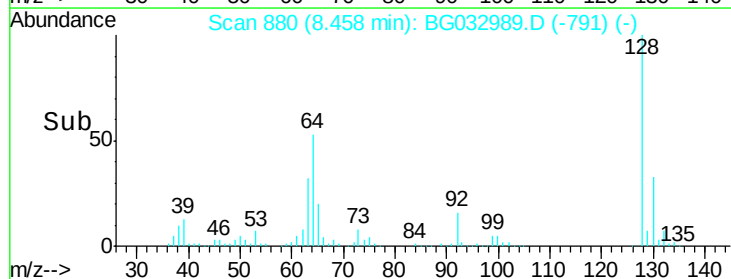
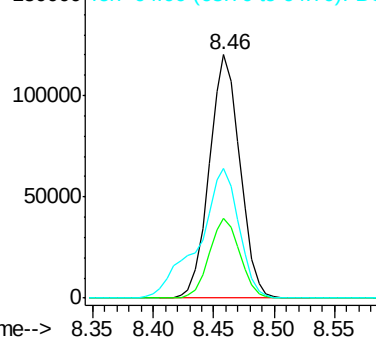
128 100

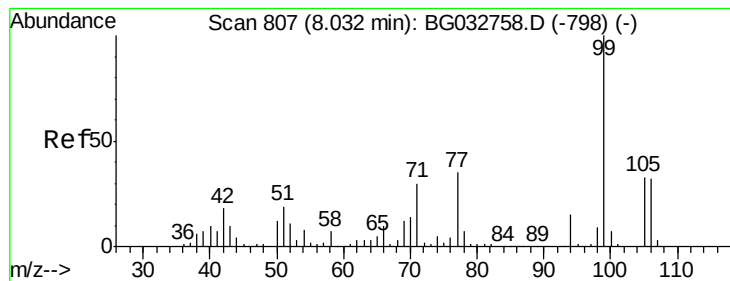
130 32.5 14.0 54.0

64 53.4 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.835 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampled :

B21MSD

Tot Ion: 77 Resp: 61936

Ion Ratio Lower Upper

77 100

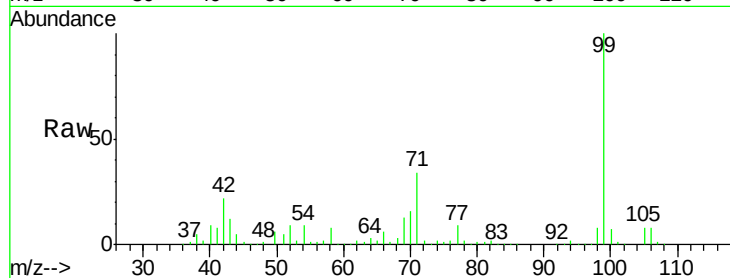
105 94.1 71.3 111.3

106 88.7 64.2 104.2

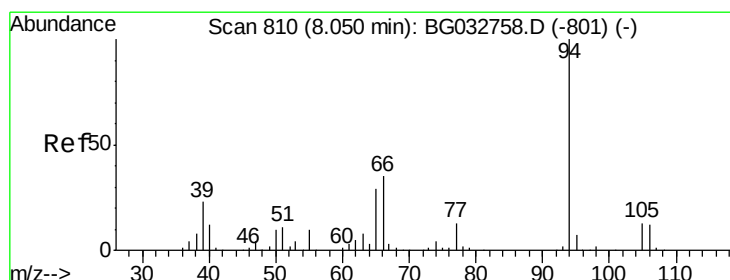
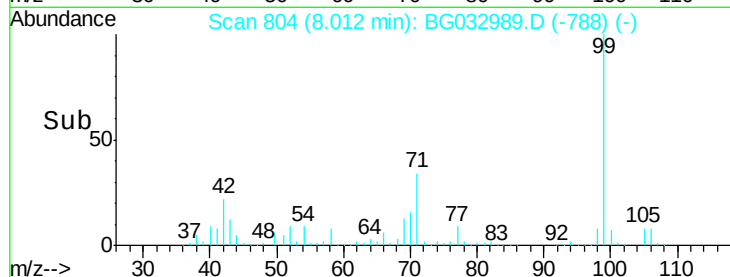
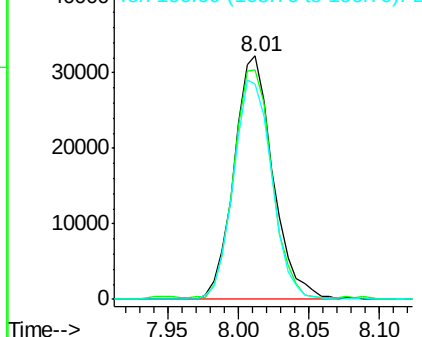
Manual Integrations
APPROVED

Sohil

3/6/2018 4:26:24 PM



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: 42.541 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

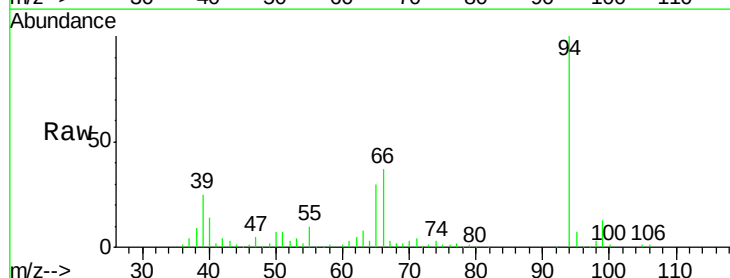
Tgt Ion: 94 Resp: 244682

Ion Ratio Lower Upper

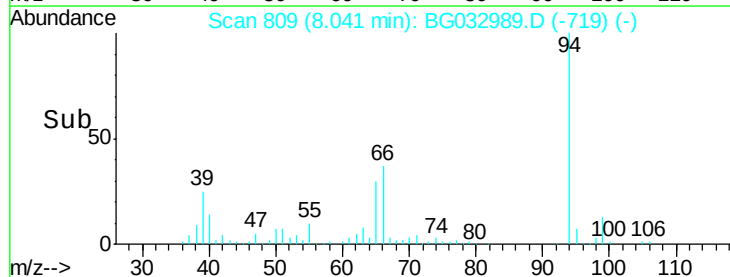
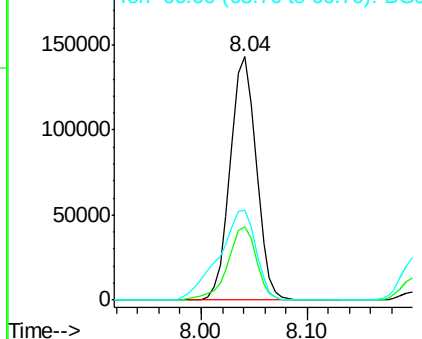
94 100

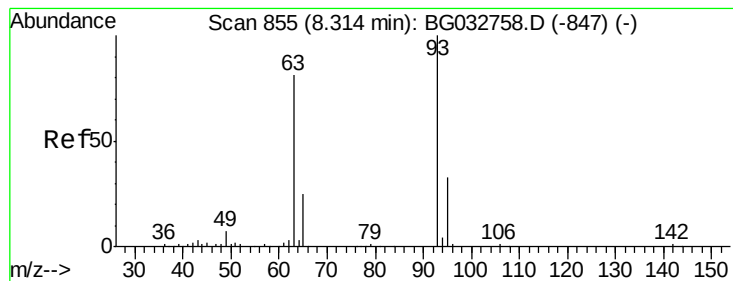
65 30.0 11.9 51.9

66 37.2 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





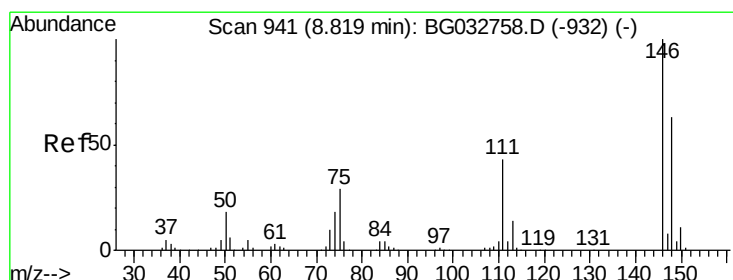
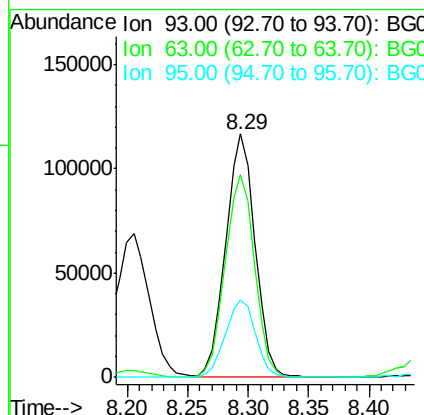
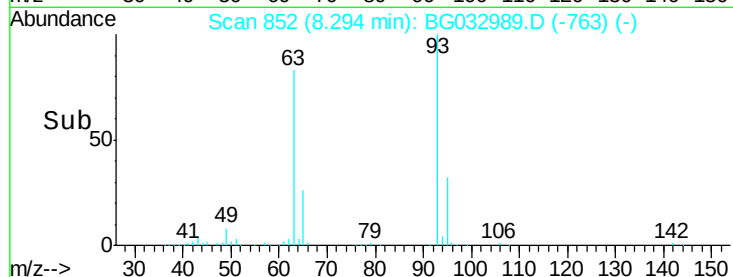
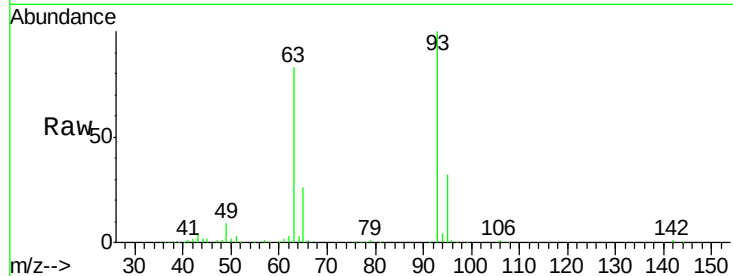
#11
bis(2-Chloroethyl)ether
Concen: 41.929 ng
RT: 8.29 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampled :
B21MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.5	67.1	107.1
95	31.6	11.5	51.5

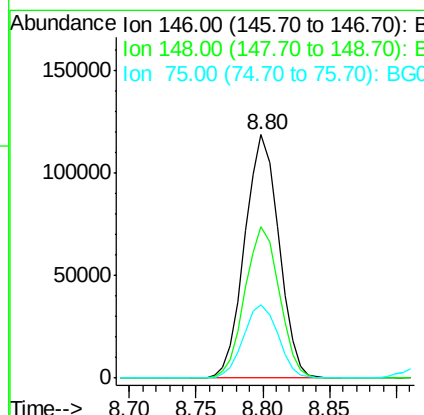
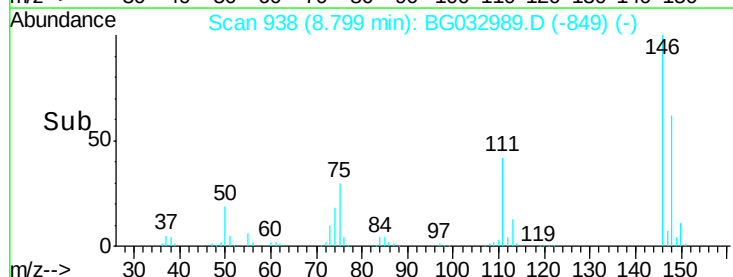
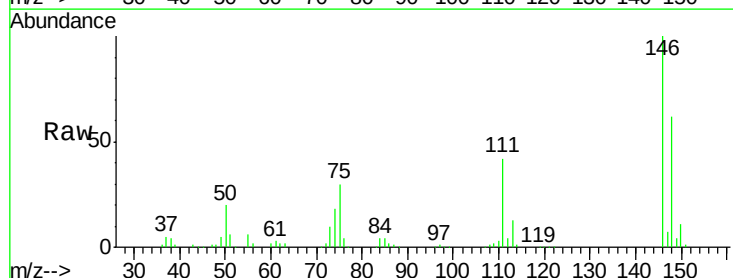
Manual Integrations
APPROVED

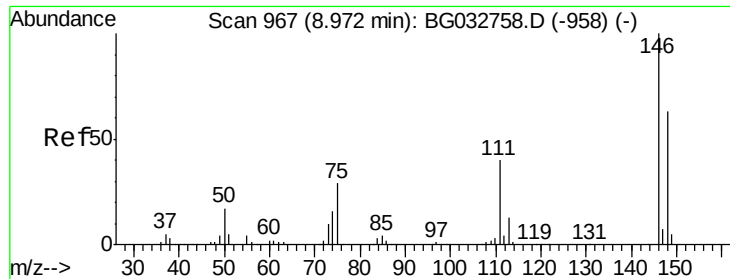
Sohil
3/6/2018 4:26:24 PM



#12
1,3-Dichlorobenzene
Concen: 39.877 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.4	77.2
75	30.2	26.6	39.8





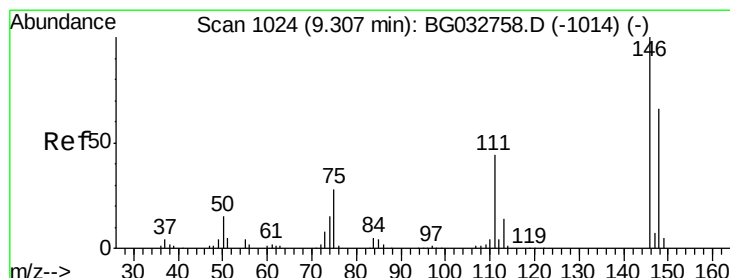
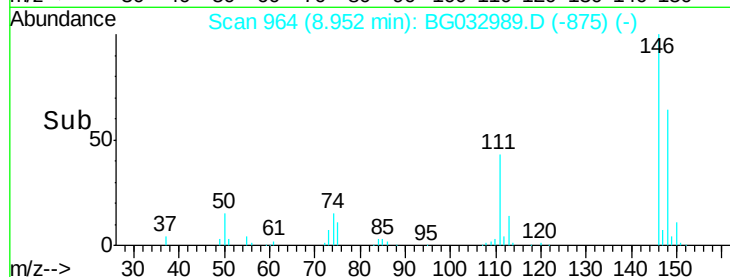
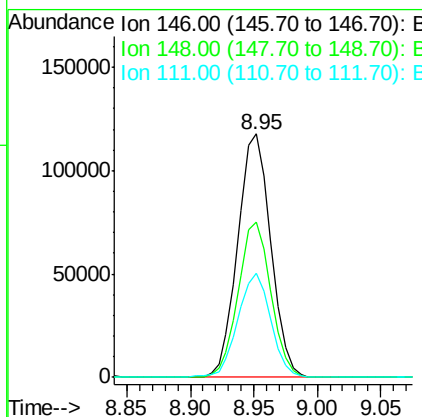
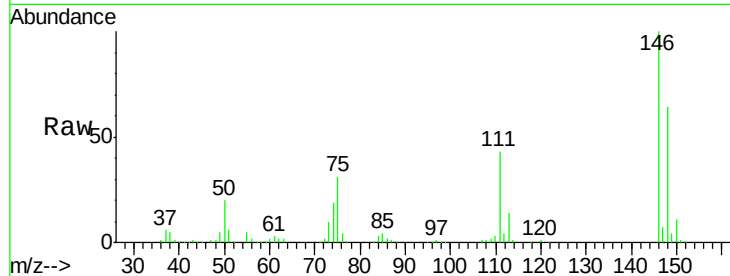
#13
 1,4-Dichlorobenzene
 Concen: 40.294 ng
 RT: 8.95 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.7	80.5
111	42.7	35.2	52.8

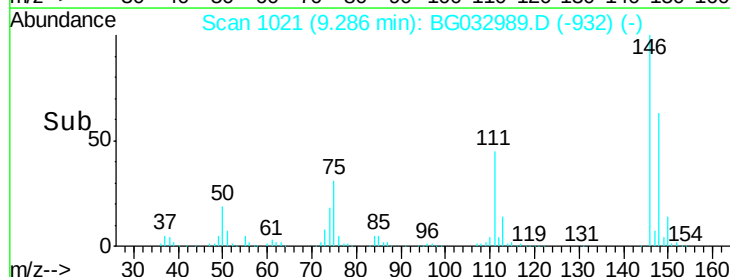
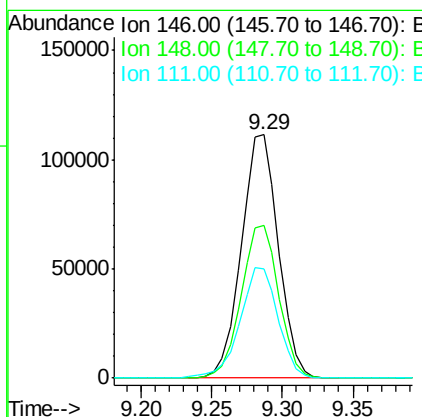
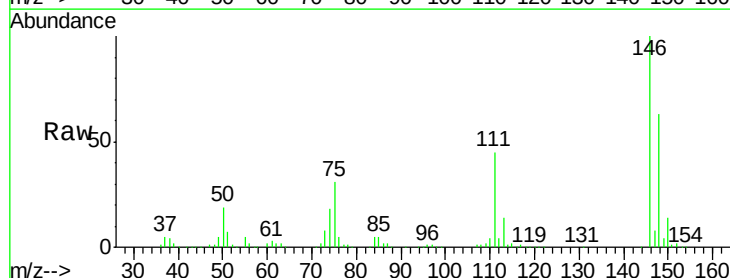
Manual Integrations
 APPROVED

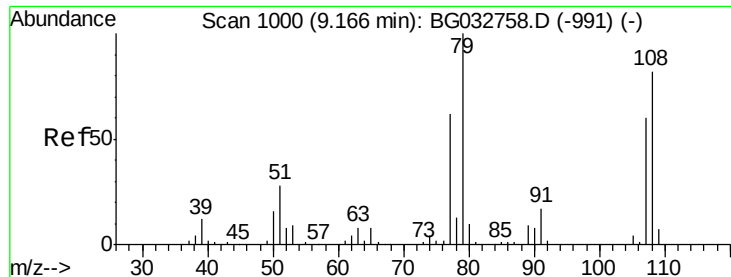
Sohil
 3/6/2018 4:26:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.271 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.3	73.9
111	44.8	34.3	51.5





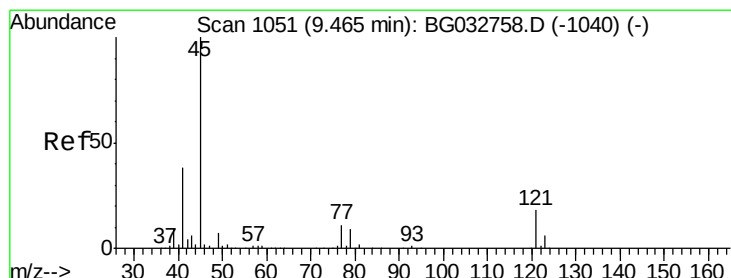
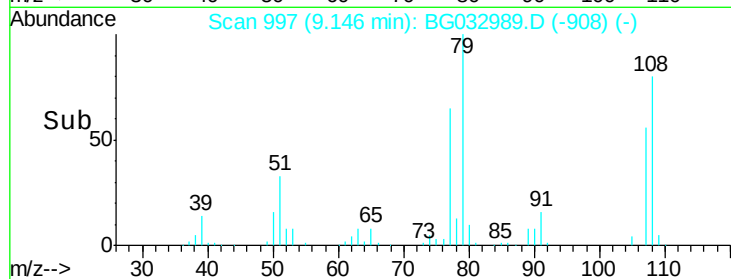
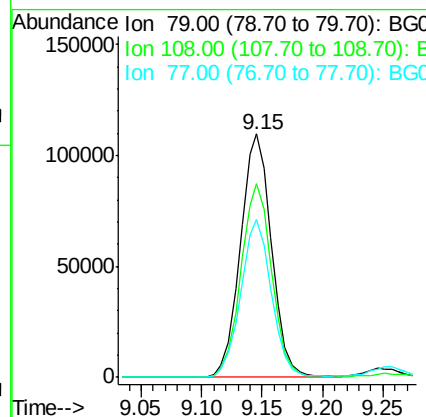
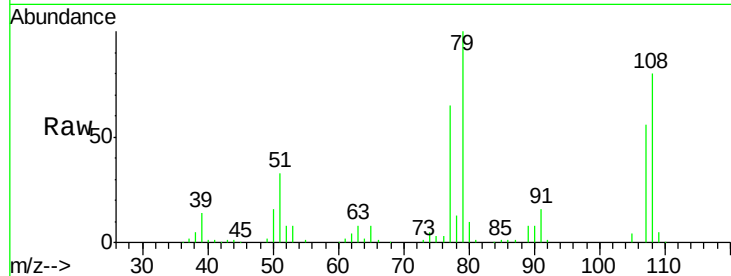
#15
Benzyl Alcohol
Concen: 46.942 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampled :
B21MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.7	57.2	85.8
77	64.9	46.1	69.1

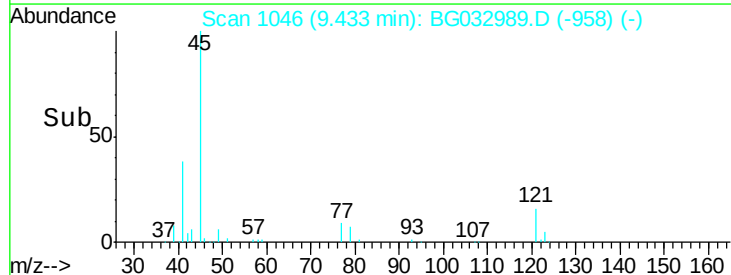
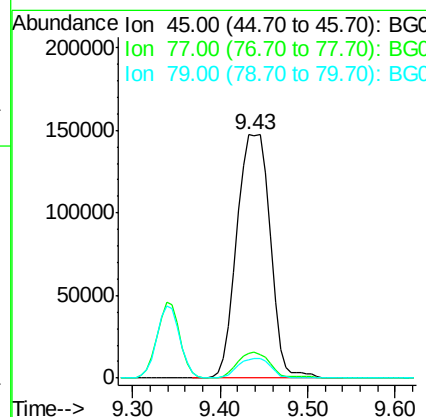
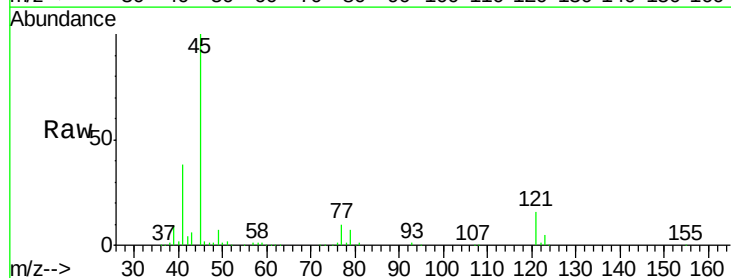
Manual Integrations
APPROVED

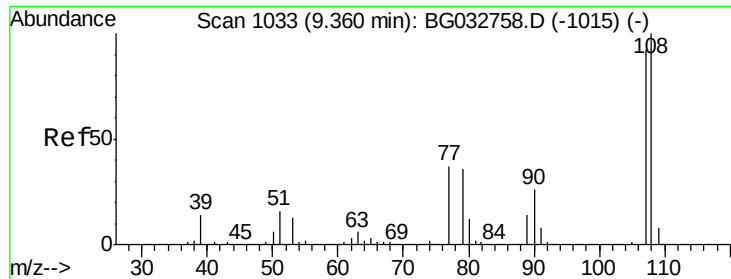
Sohil
3/6/2018 4:26:24 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.869 ng
RT: 9.43 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.1	0.0	30.2
79	7.5	0.0	27.9





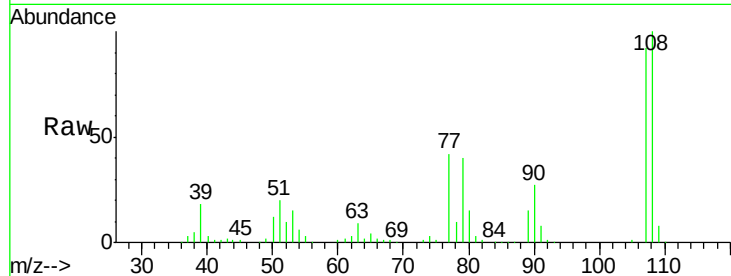
#17
2-Methylphenol
Concen: 43.955 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.1	83.9	125.9
77	45.7	37.2	55.8
79	43.1	36.2	54.2

Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:24 PM



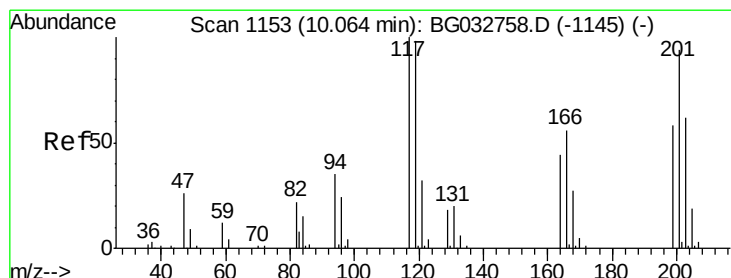
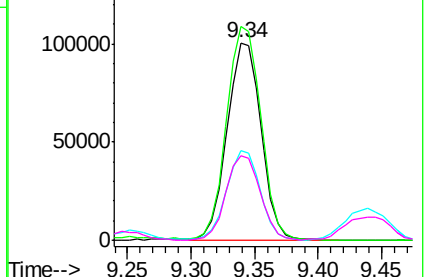
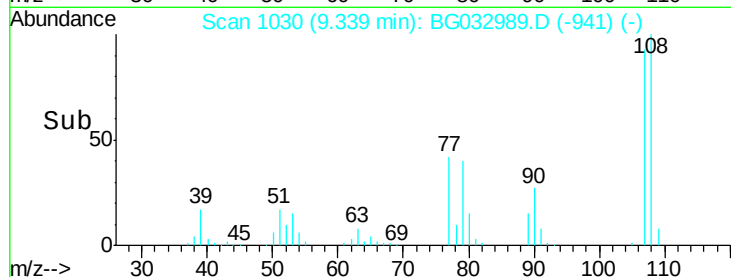
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

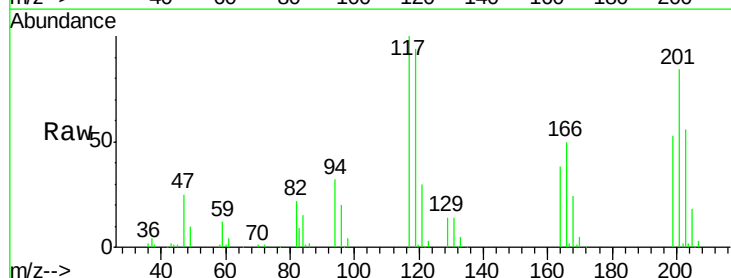
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.681 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.7	115.1
201	84.4	95.7	143.5#

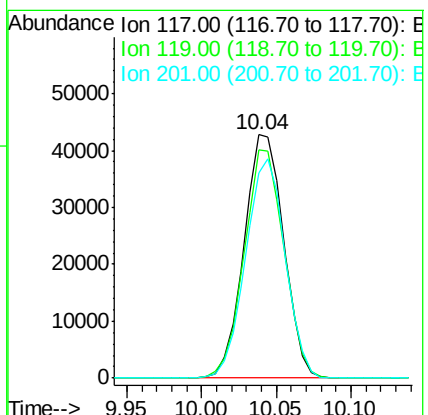
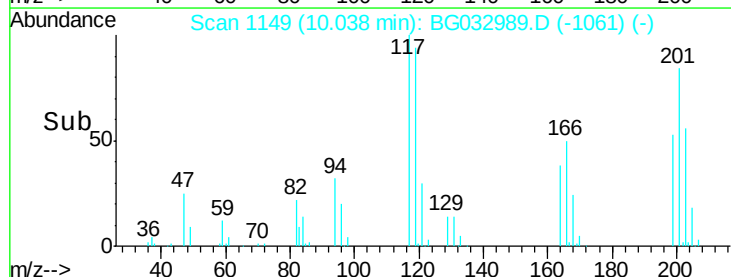


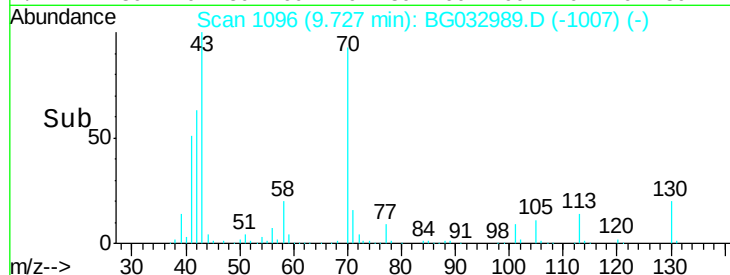
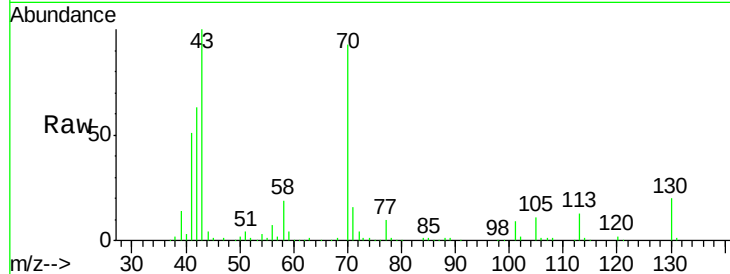
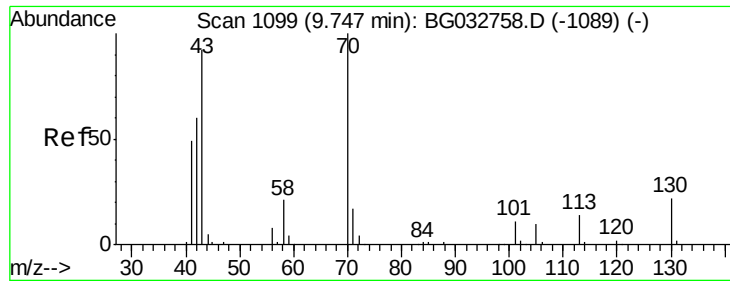
Abundance

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





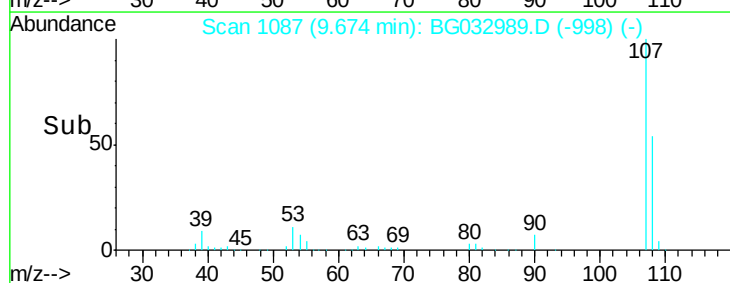
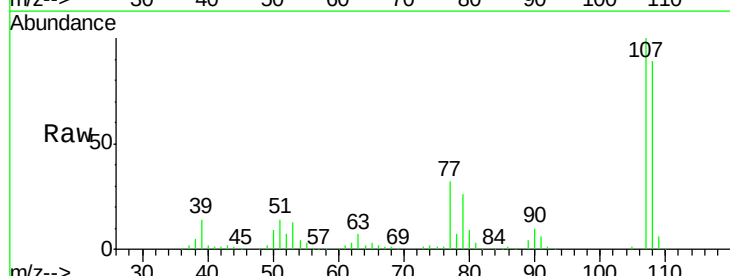
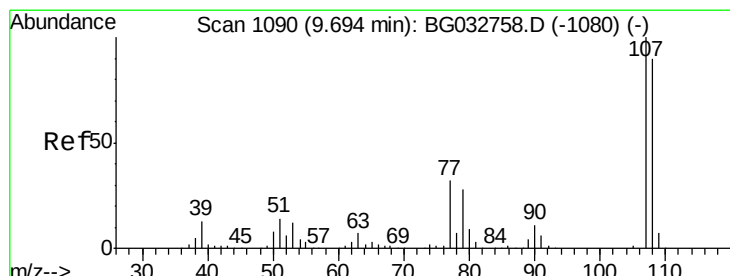
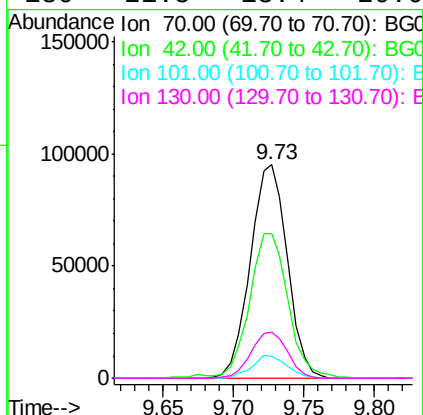
#19
n-Nitroso-di-n-propylamine
Concen: 43.378 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.6	49.1	73.7
101	10.1	8.5	12.7
130	21.5	13.4	20.0#

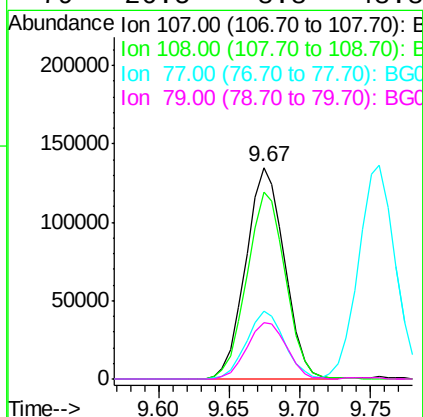
Manual Integrations
APPROVED

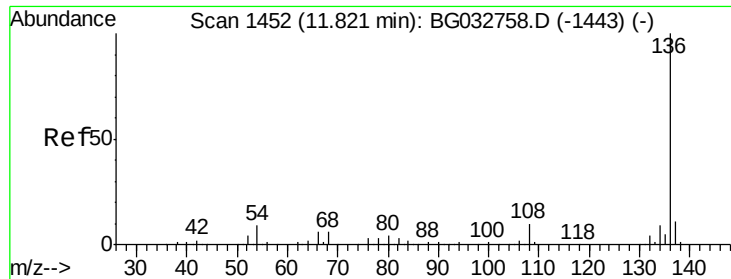
Sohil
3/6/2018 4:26:24 PM



#20
3+4-Methylphenols
Concen: 43.959 ng
RT: 9.67 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	61.6	101.6
77	32.1	13.9	53.9
79	26.5	8.8	48.8





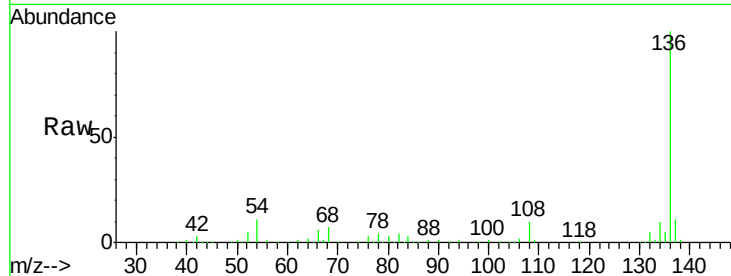
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampled :
B21MSD

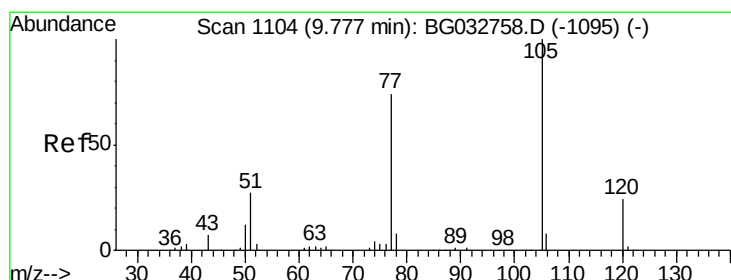
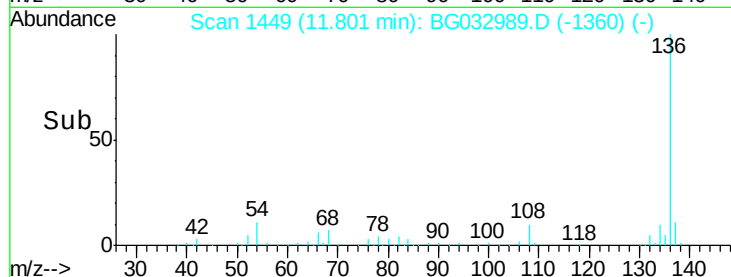
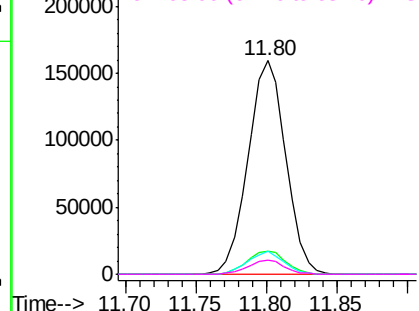
Tot Ion	Ratio	Resp	Lower	Upper
136	100	296950		
137	11.0		9.2	13.8
54	11.0		10.3	15.5
68	6.5		4.5	6.7

Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:24 PM



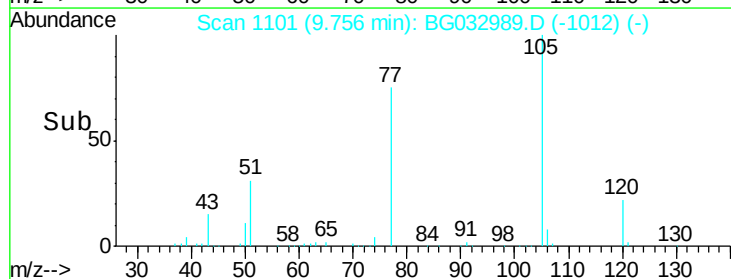
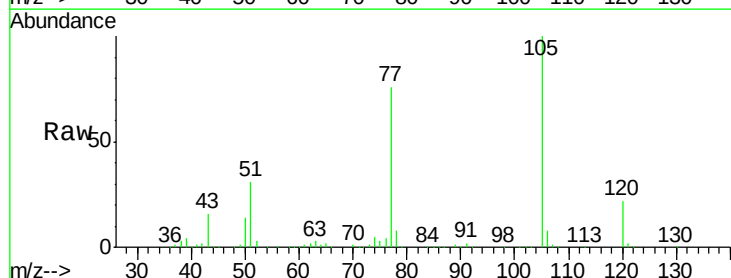
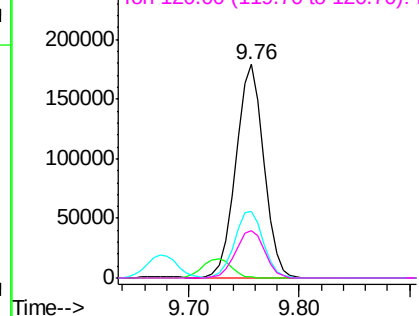
Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
200000
Ion 54.00 (53.70 to 54.70): BGC
150000
Ion 68.00 (67.70 to 68.70): BGC
100000
50000
0

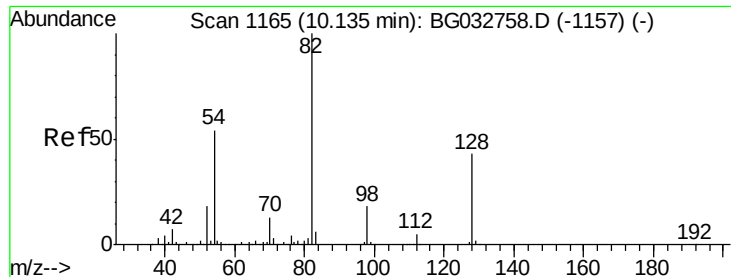


#22
Acetophenone
Concen: 42.323 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	317397		
71	0.4		3.0	4.4#
51	31.4		26.1	39.1
120	22.4		17.4	26.2

Abundance Ion 105.00 (104.70 to 105.70): E
250000
Ion 71.00 (70.70 to 71.70): BGC
200000
Ion 51.00 (50.70 to 51.70): BGC
150000
Ion 120.00 (119.70 to 120.70): E
100000
50000
0





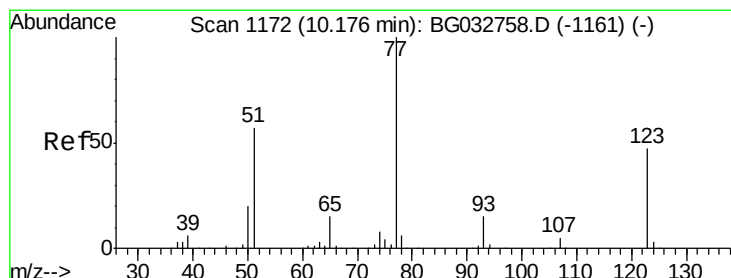
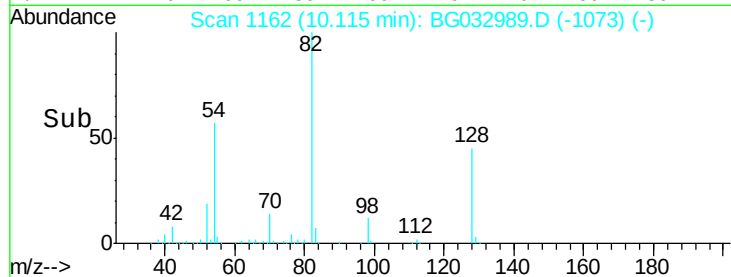
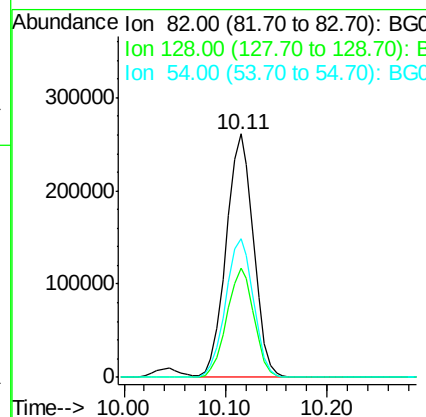
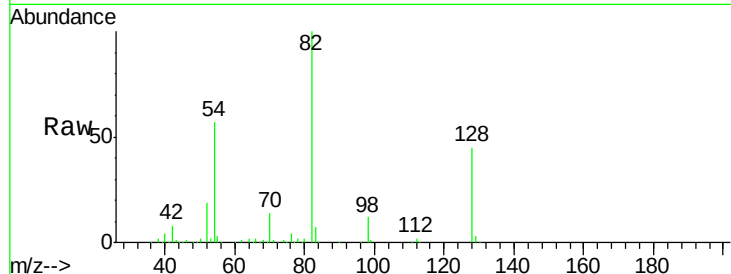
#23
Nitrobenzene-d5
Concen: 110.449 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	29.7	44.5#
54	56.8	43.1	64.7

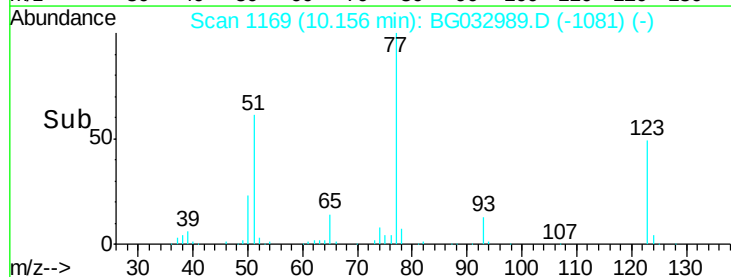
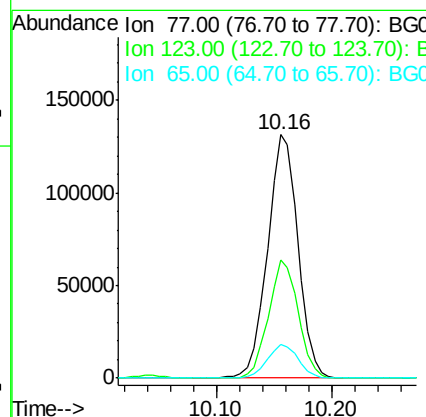
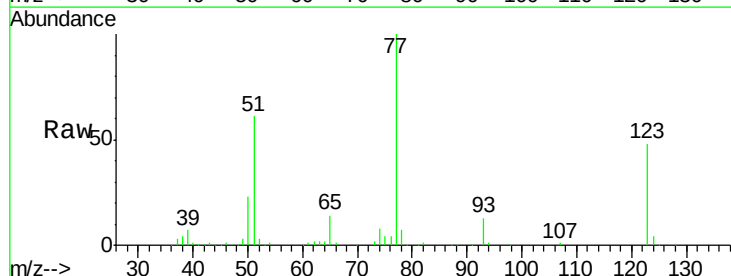
Manual Integrations
APPROVED

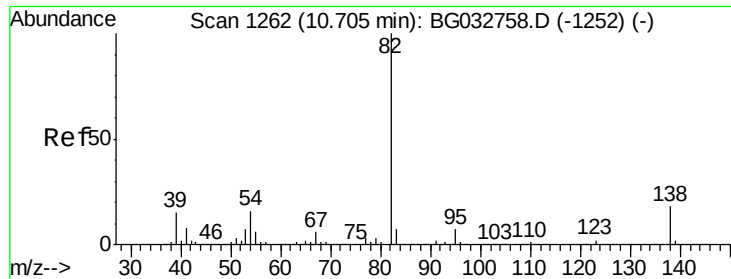
Sohil
3/6/2018 4:26:24 PM



#24
Nitrobenzene
Concen: 50.607 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	33.0	49.6
65	13.8	13.0	19.6





#25

Isophorone

Concen: 45.831 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

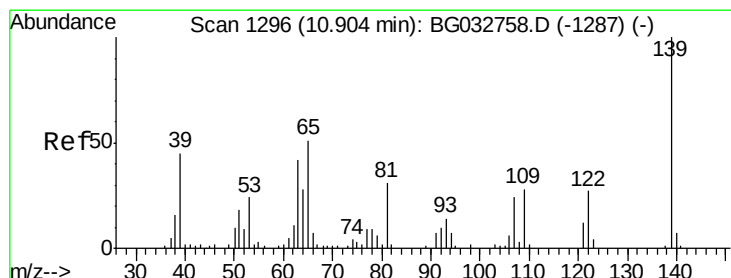
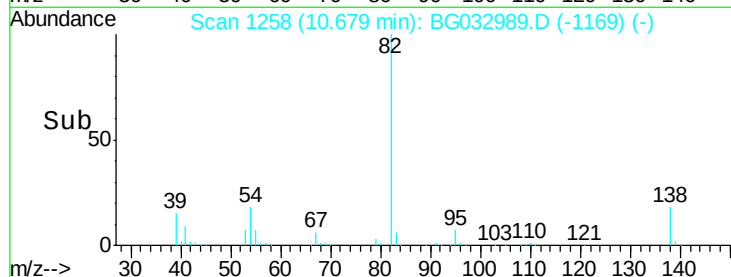
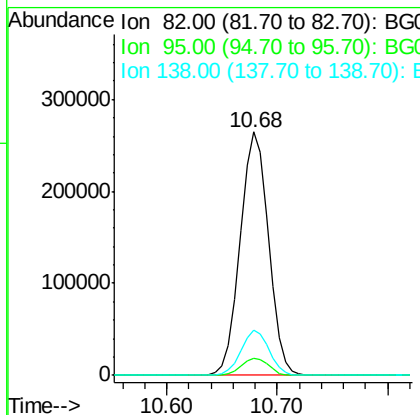
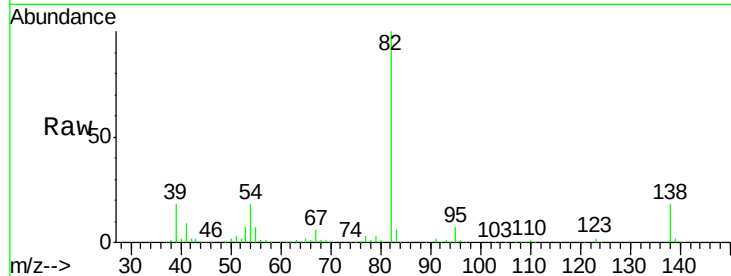
ClientSampleId :

B21MSD

Tot Ion:	82	Resp:	477683
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.2	9.2
138	18.4	12.1	18.1

Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:24 PM



#26

2-Nitrophenol

Concen: 62.956 ng

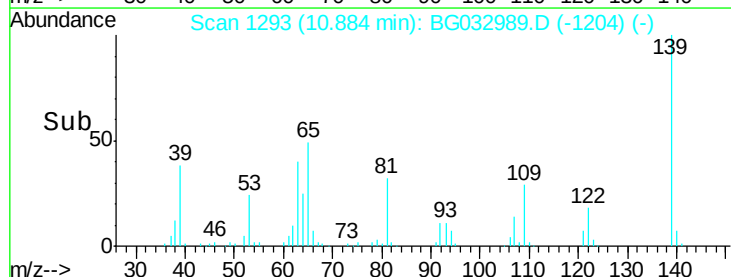
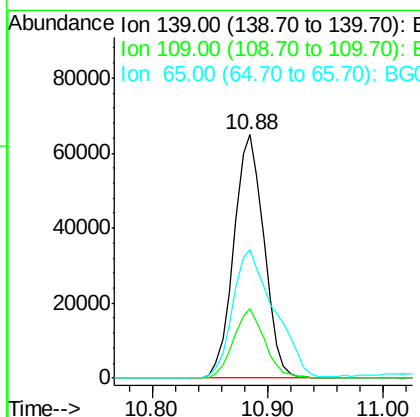
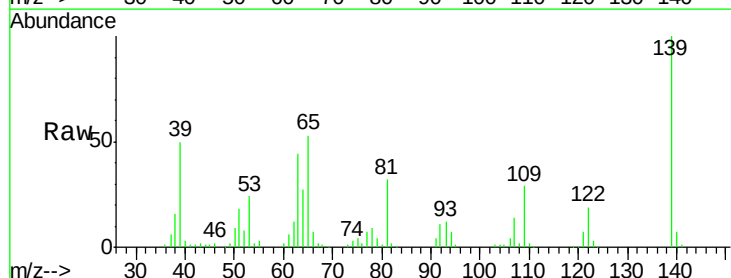
RT: 10.88 min Scan# 1293

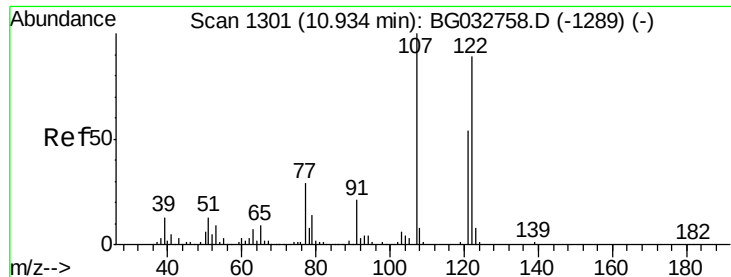
Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Tgt Ion:	139	Resp:	117051
Ion Ratio	Lower	Upper	
139	100		
109	28.5	24.2	36.2
65	52.9	47.4	71.0





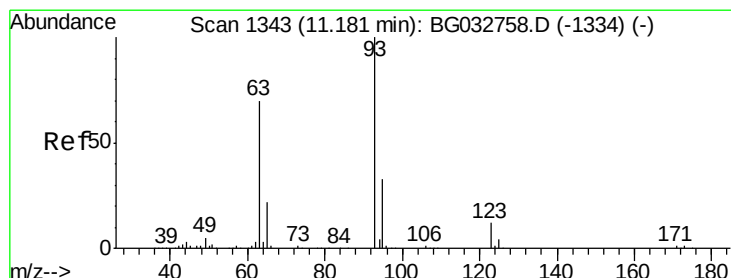
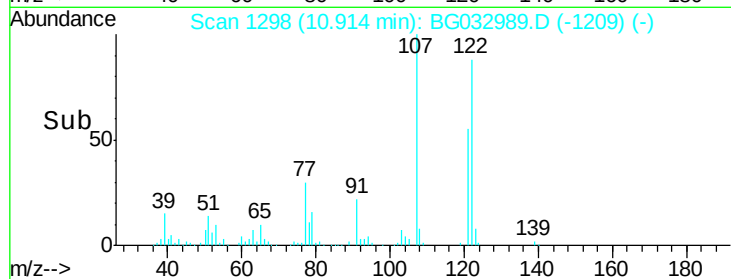
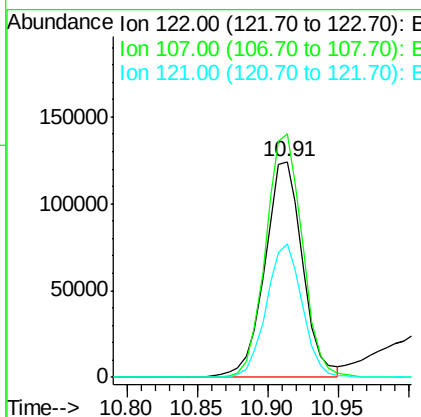
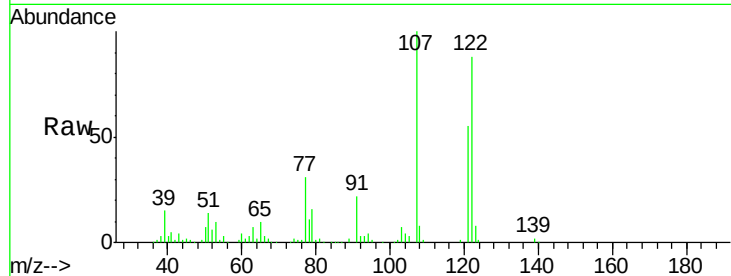
#27
2,4-Dimethylphenol
Concen: 51.348 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	100.2	150.2
121	61.9	44.4	66.6

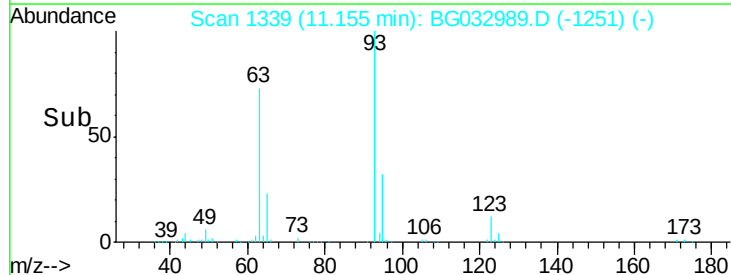
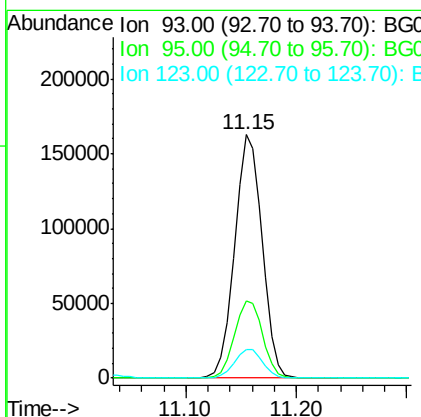
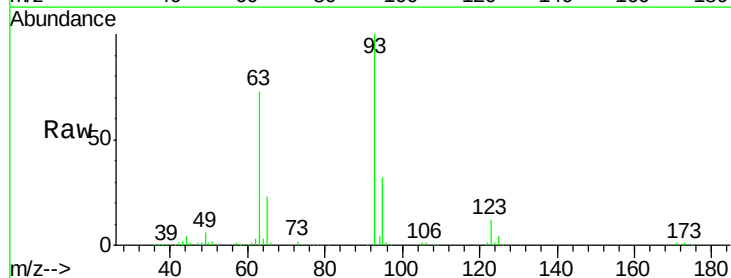
Manual Integrations
APPROVED

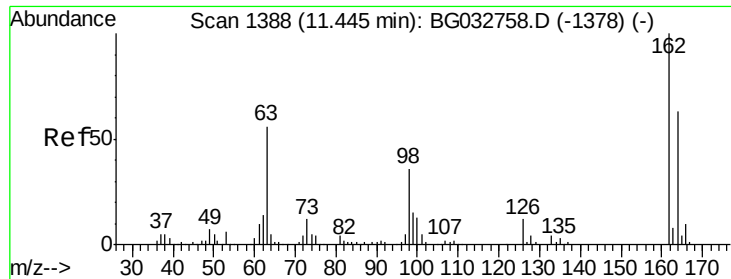
Sohil
3/6/2018 4:26:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.818 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.3	36.5
123	11.6	8.4	12.6





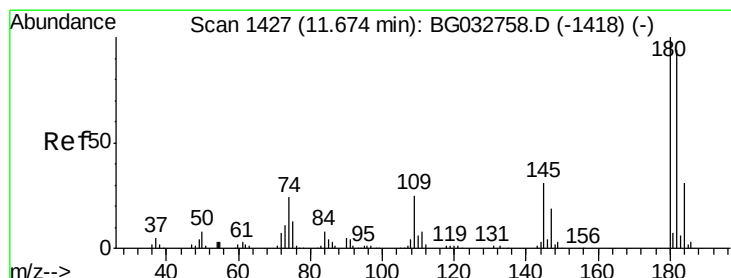
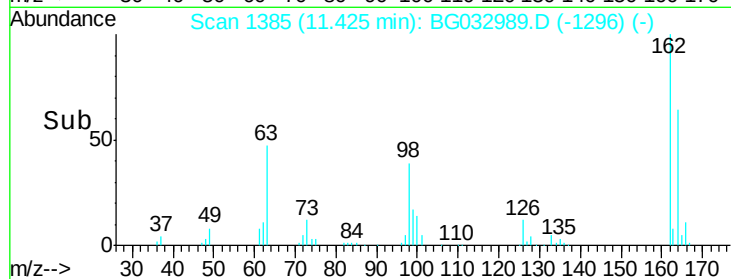
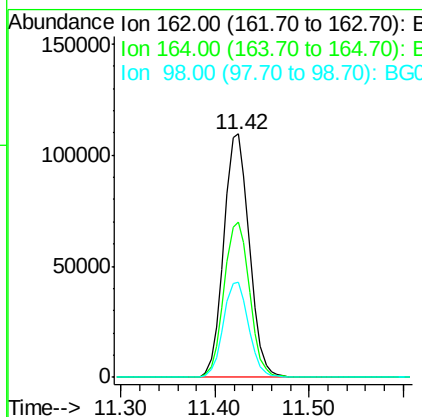
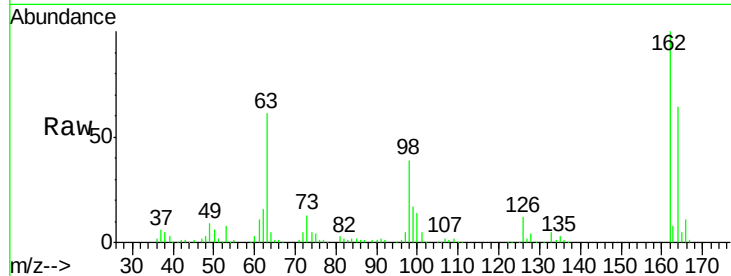
#29
 2,4-Dichlorophenol
 Concen: 50.496 ng
 RT: 11.42 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampled :
 B21MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	207507		
164	63.7	48.0	88.0	
98	39.1	21.1	61.1	

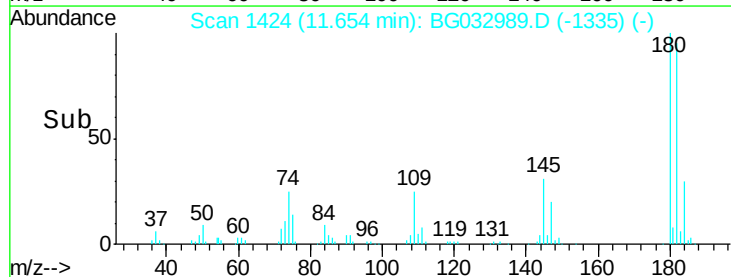
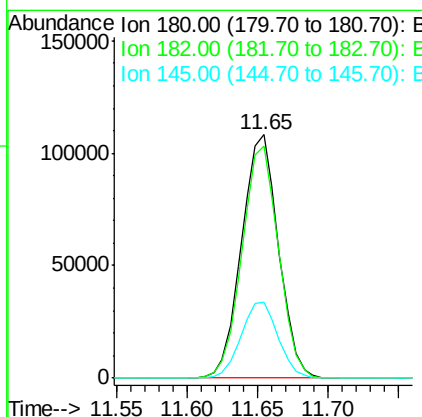
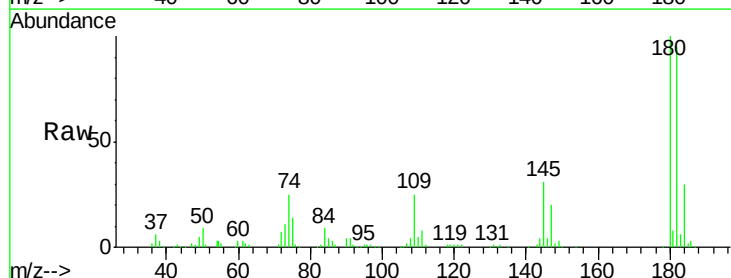
Manual Integrations
 APPROVED

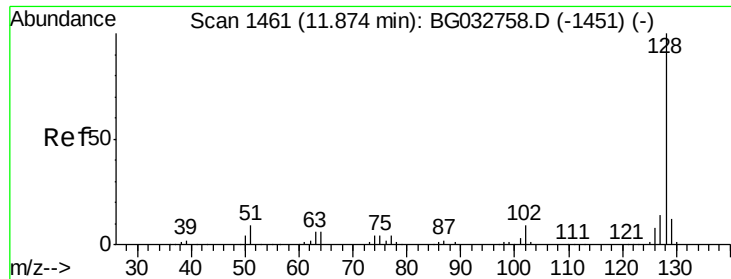
Sohil
 3/6/2018 4:26:24 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.078 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	197875		
182	95.1	77.5	116.3	
145	31.0	23.4	35.2	





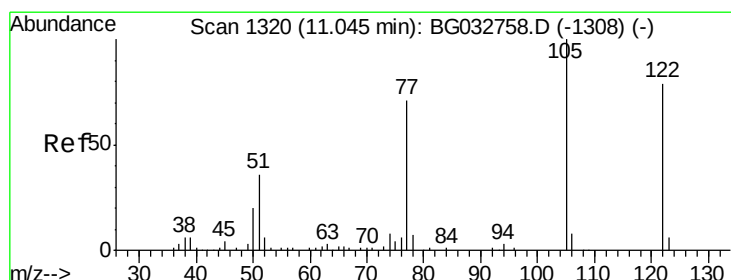
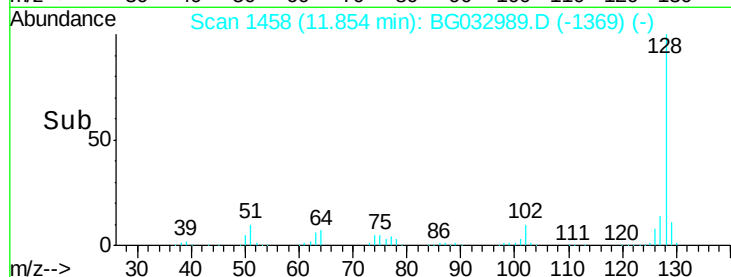
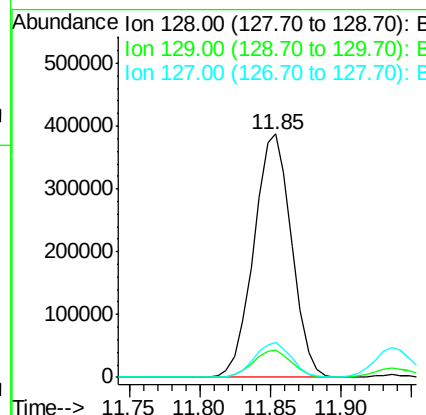
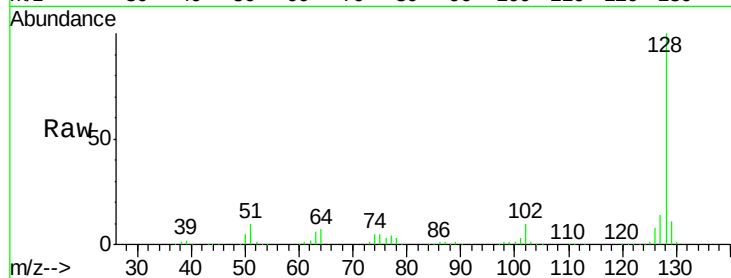
#31
Naphthalene
Concen: 46.635 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampled :
B21MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.2	11.6	17.4

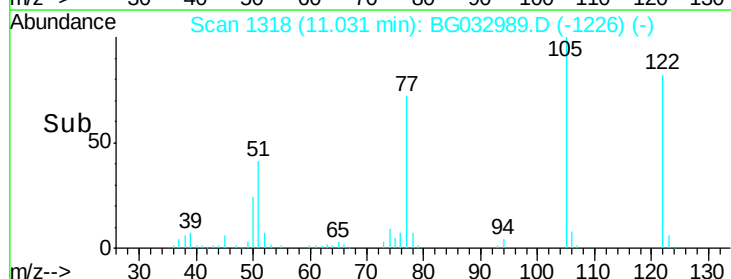
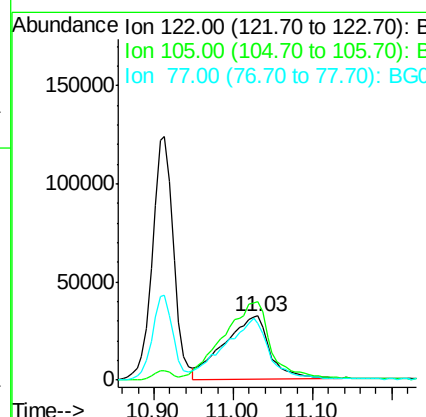
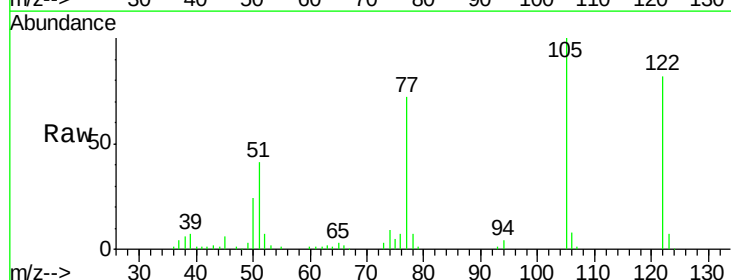
Manual Integrations
APPROVED

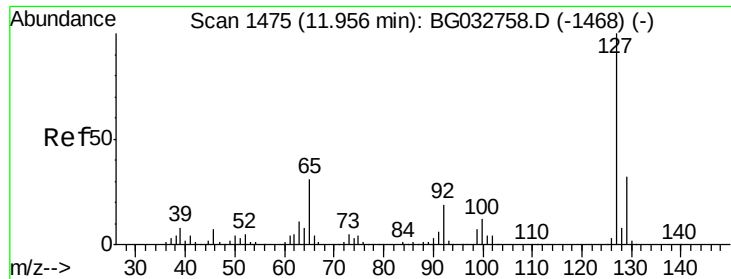
Sohil
3/6/2018 4:26:24 PM



#32
Benzoic acid
Concen: 46.404 ng
RT: 11.03 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	123.5	163.5#
77	87.7	85.7	125.7





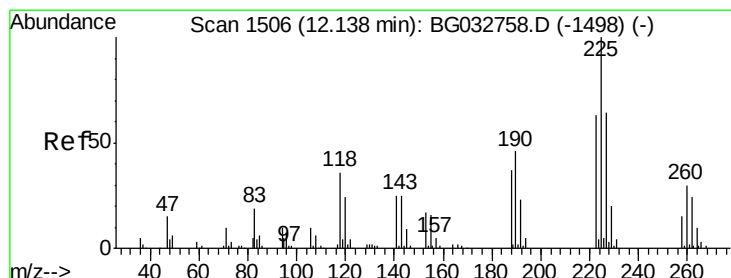
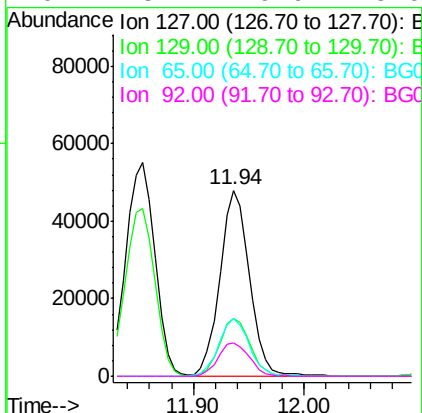
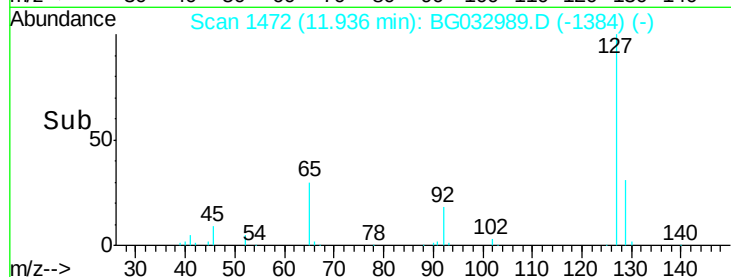
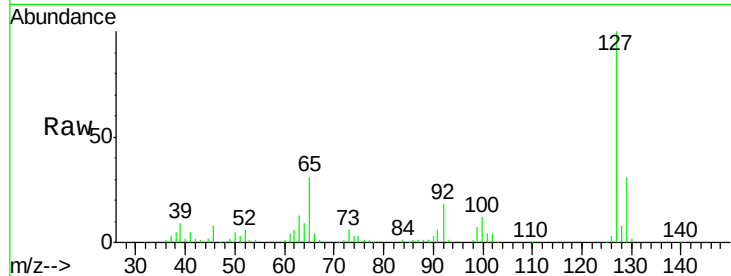
#33
4-Chloroaniline
Concen: 12.971 ng
RT: 11.94 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		89994		
129	30.7	24.0	36.0		
65	31.2	27.0	40.4		
92	18.1	16.6	25.0		

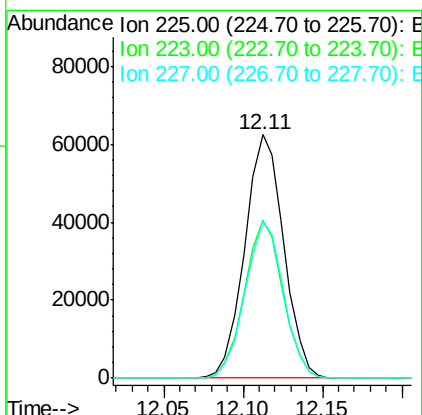
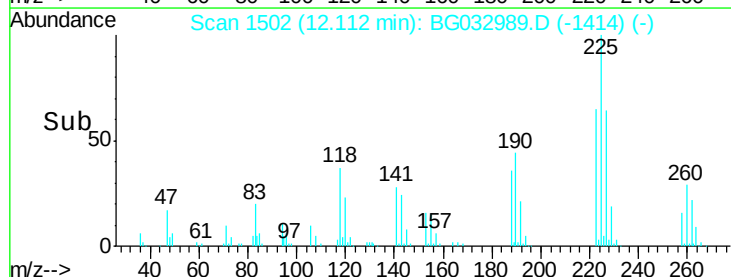
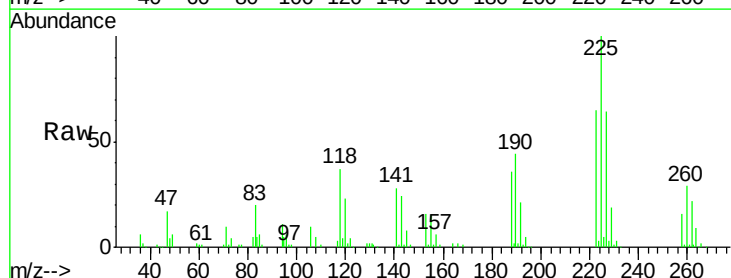
Manual Integrations
APPROVED

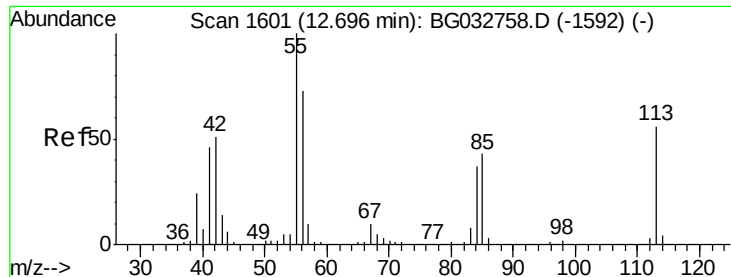
Sohil
3/6/2018 4:26:24 PM



#34
Hexachlorobutadiene
Concen: 39.341 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		106298		
223	64.6	49.7	74.5		
227	64.5	48.1	72.1		





#35

Caprolactam

Concen: 41.116 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

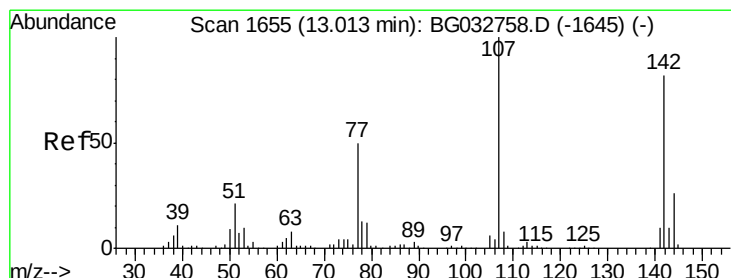
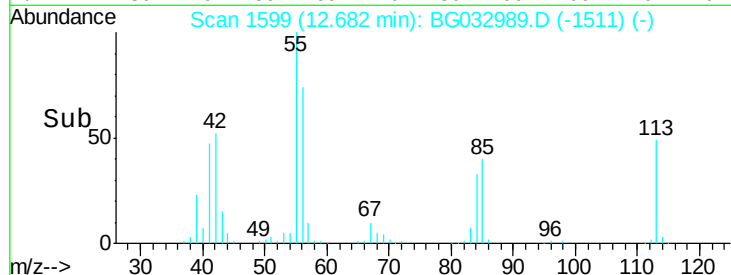
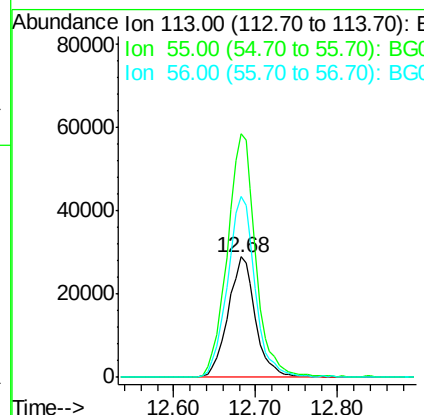
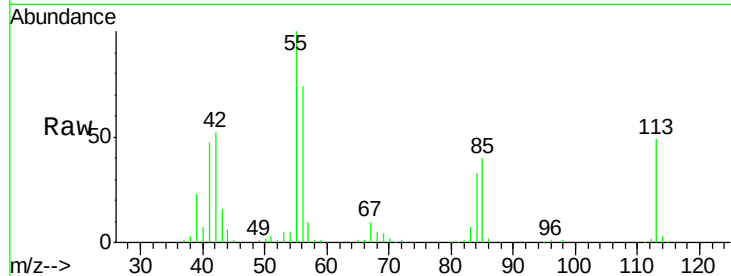
ClientSampled :

B21MSD

Tot Ion:113 Resp: 67654
 Ion Ratio Lower Upper
 113 100
 55 202.5 186.9 226.9
 56 150.8 130.9 170.9

Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:26:24 PM



#36

4-Chloro-3-methylphenol

Concen: 53.178 ng

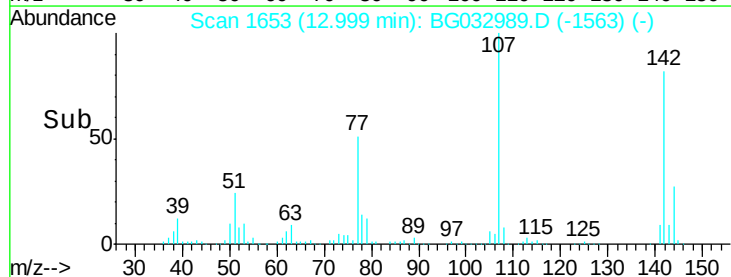
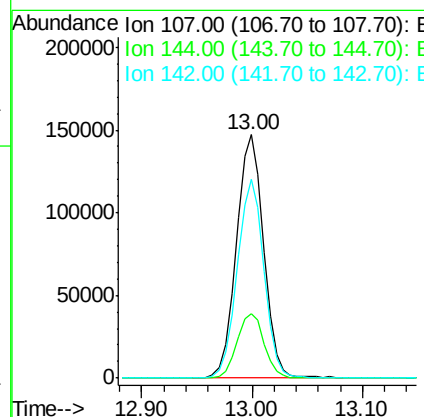
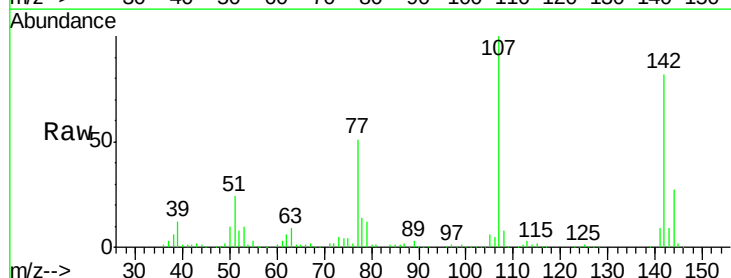
RT: 13.00 min Scan# 1653

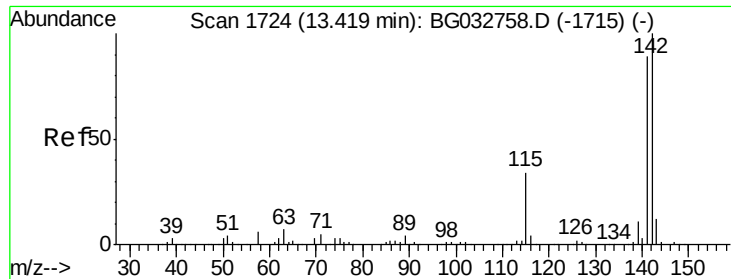
Delta R.T. 0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Tgt Ion:107 Resp: 254304
 Ion Ratio Lower Upper
 107 100
 144 26.6 18.2 27.4
 142 81.6 59.0 88.4





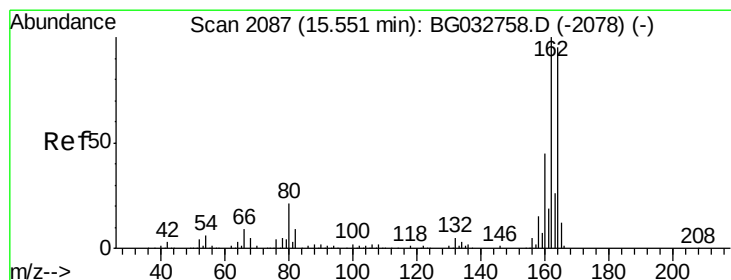
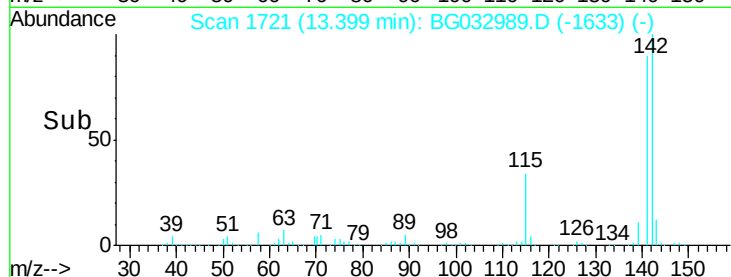
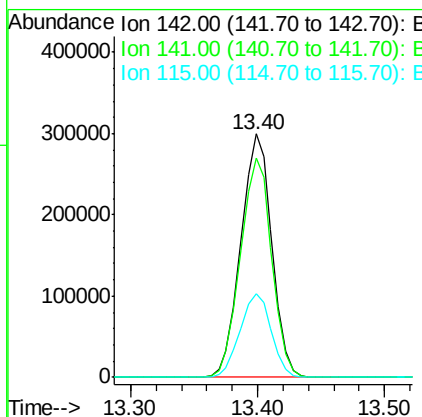
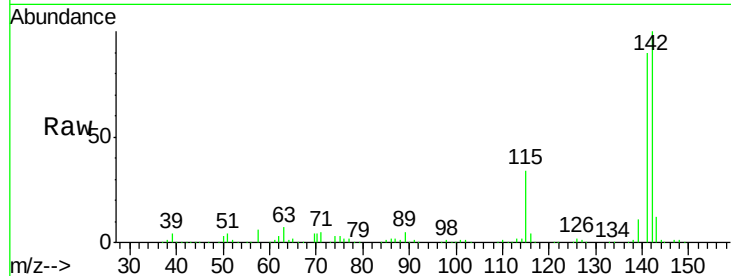
#37
2-Methylnaphthalene
Concen: 45.001 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	67.1	100.7
115	34.2	30.7	46.1

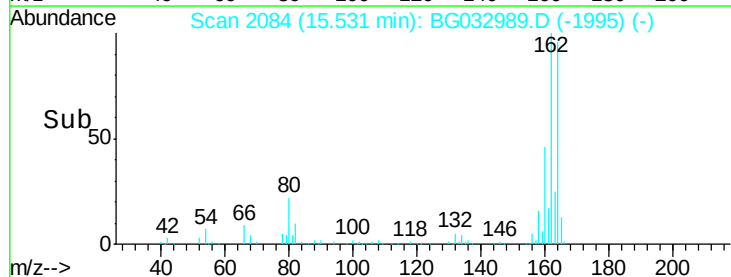
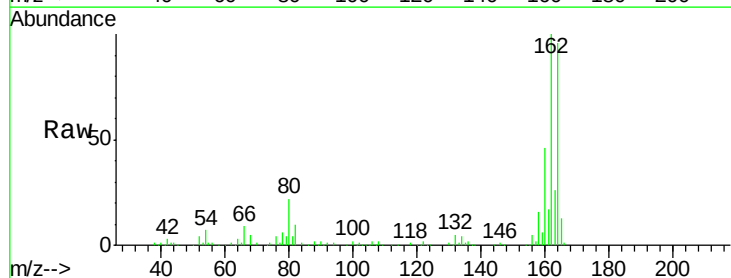
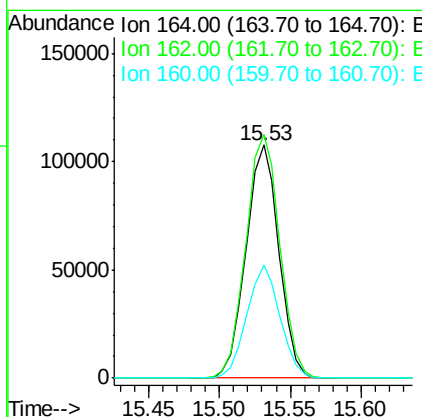
Manual Integrations
APPROVED

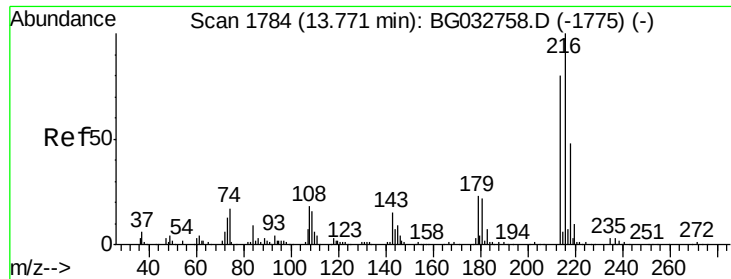
Sohil
3/6/2018 4:26:24 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	48.5	35.4	53.0





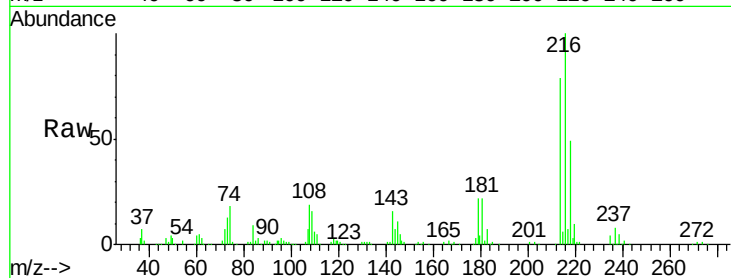
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.199 ng
 RT: 13.75 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

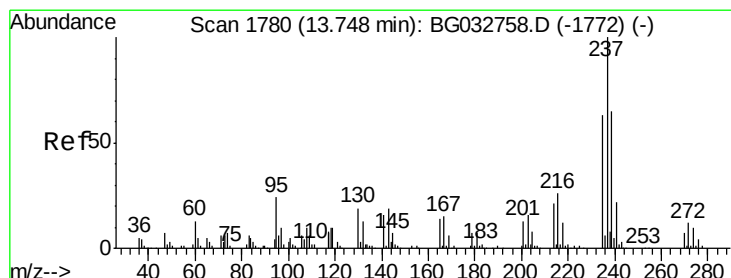
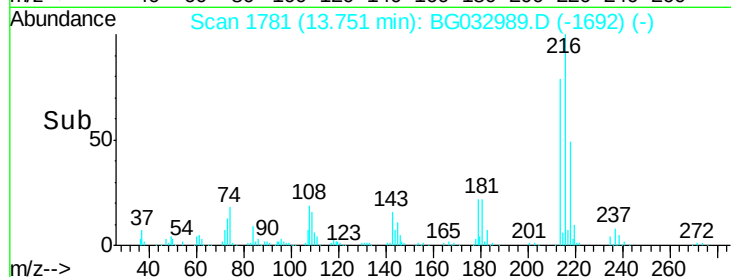
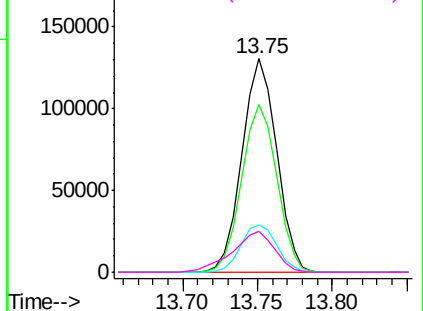
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	23.0	17.0	25.6
108	23.4	12.8	19.2

Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:26:24 PM



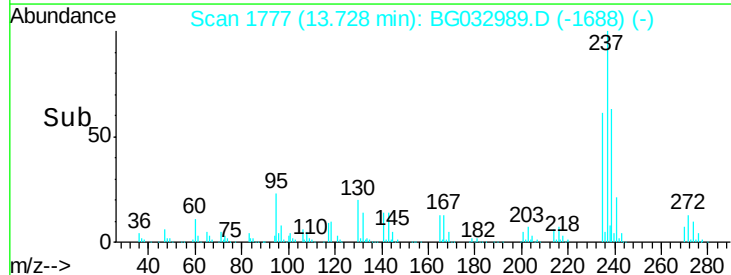
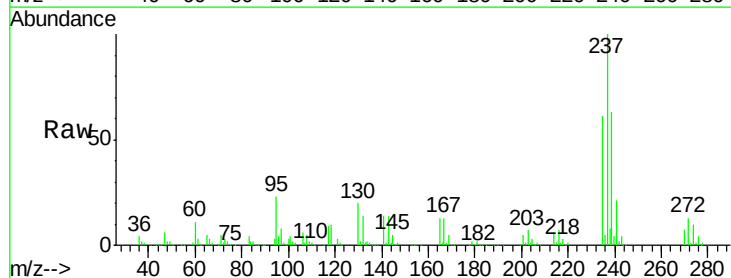
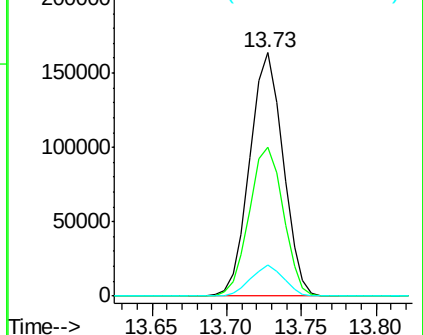
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

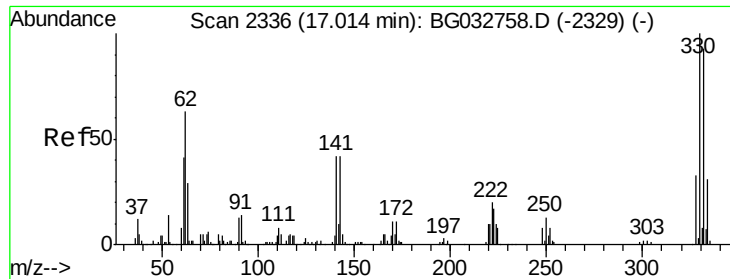


#40
 Hexachlorocyclopentadiene
 Concen: 94.936 ng
 RT: 13.73 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.4	50.4	90.4
272	12.6	0.0	31.8

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





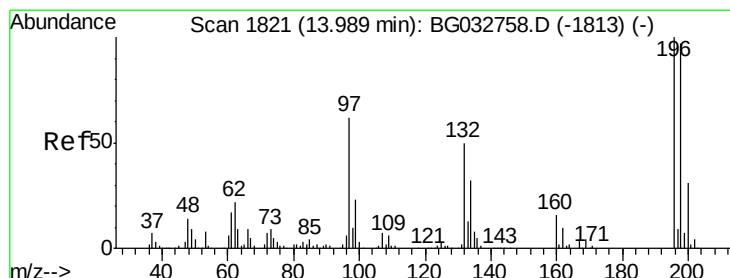
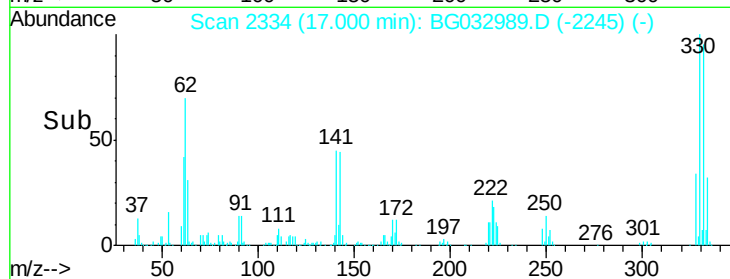
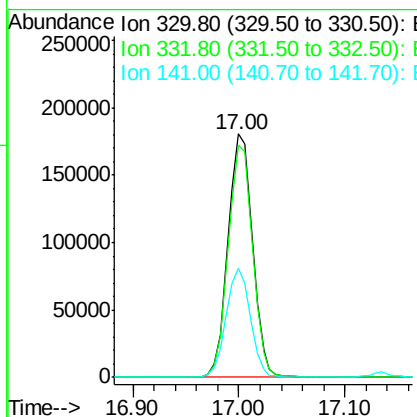
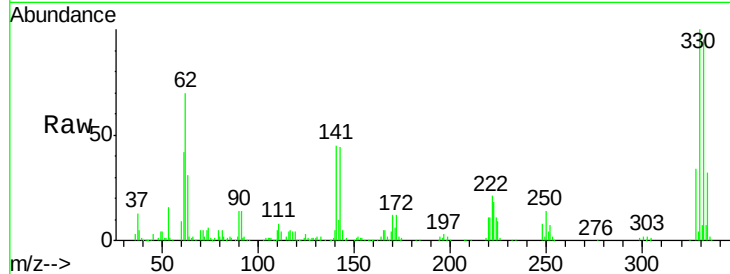
#41
 2,4,6-Tribromophenol
 Concen: 155.956 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampled :
 B21MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	288495		
332	95.2	77.0	115.6	
141	44.4	25.2	37.8	

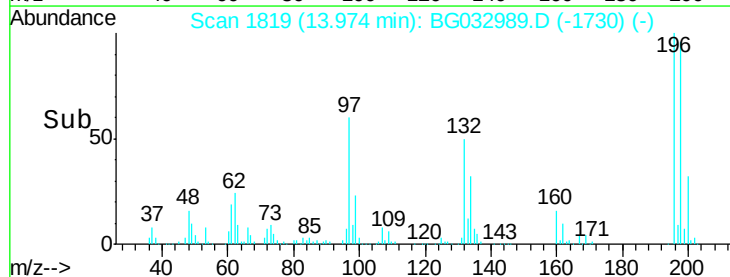
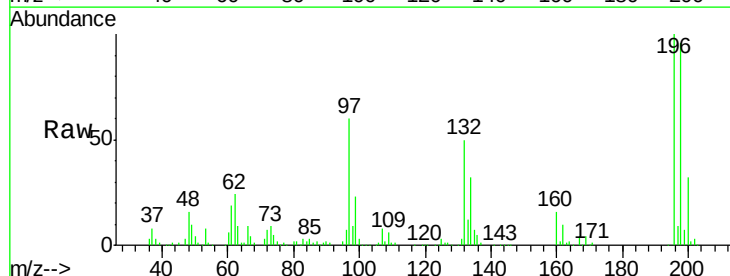
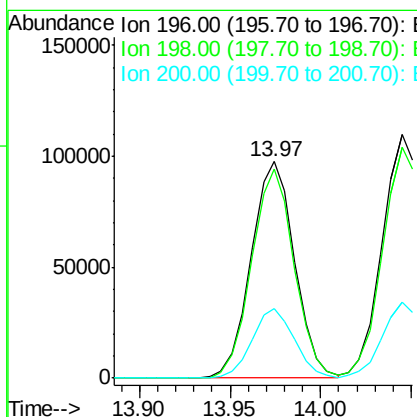
Manual Integrations
 APPROVED

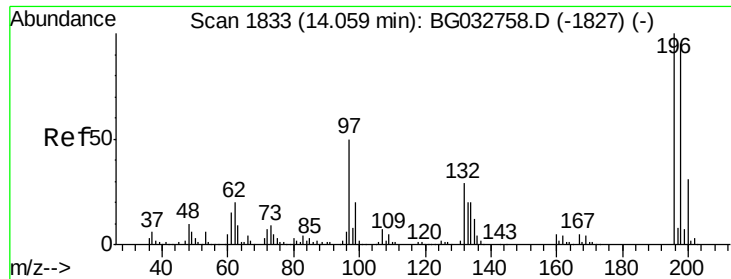
Sohil
 3/6/2018 4:26:24 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.629 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163454		
198	96.4	78.2	117.2	
200	32.2	24.6	36.8	





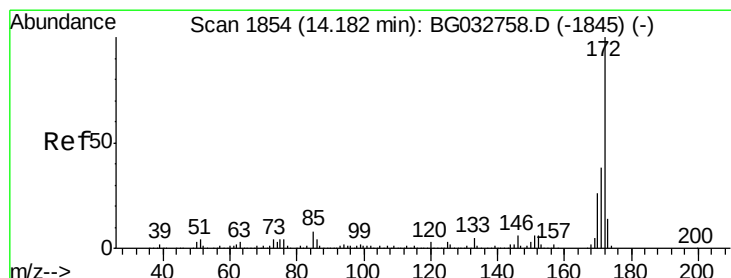
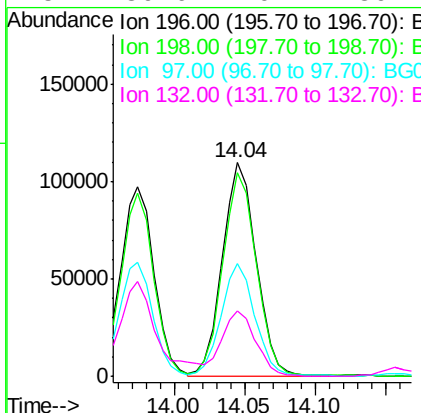
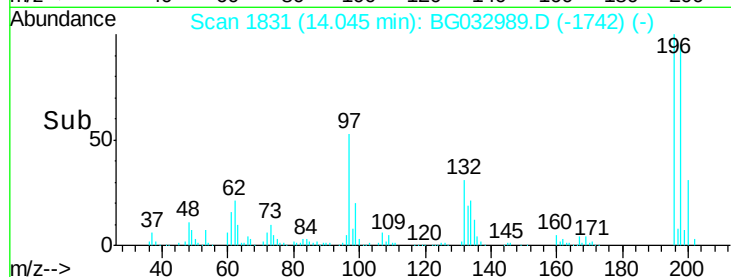
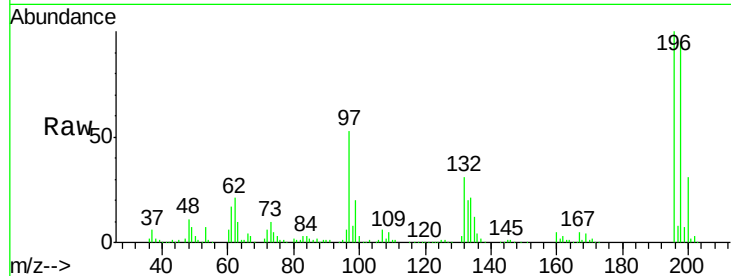
#43
 2,4,5-Trichlorophenol
 Concen: 47.851 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	182401		
198	95.0	76.2	114.4	
97	52.7	38.7	58.1	
132	30.6	20.2	30.2	

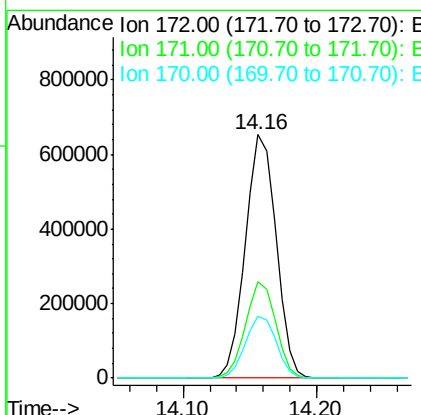
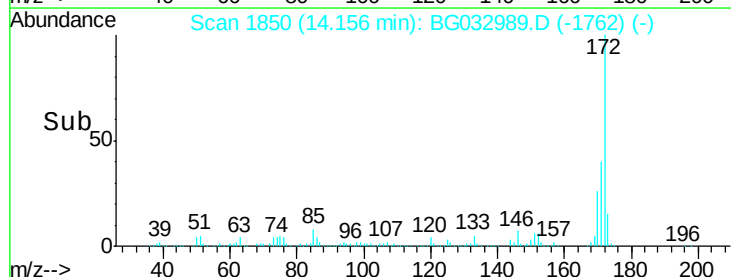
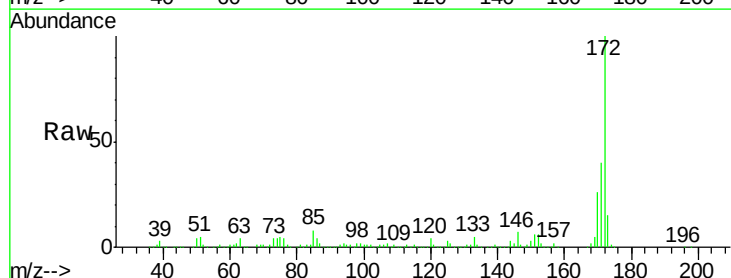
Manual Integrations
 APPROVED

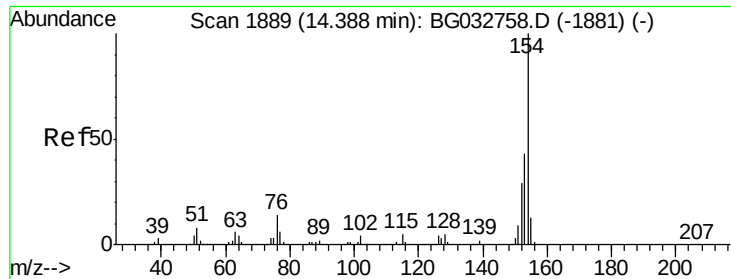
Sohil
 3/6/2018 4:26:24 PM



#44
 2-Fluorobiphenyl
 Concen: 84.989 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1036717		
171	39.7	30.0	45.0	
170	25.6	19.5	29.3	





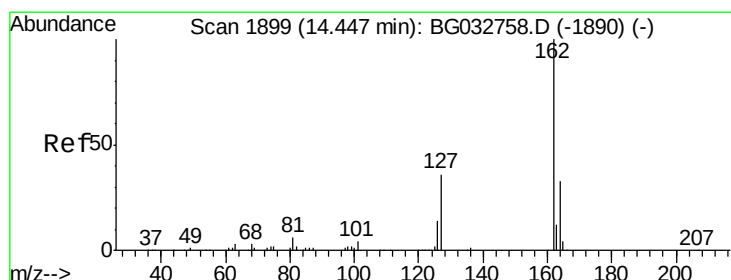
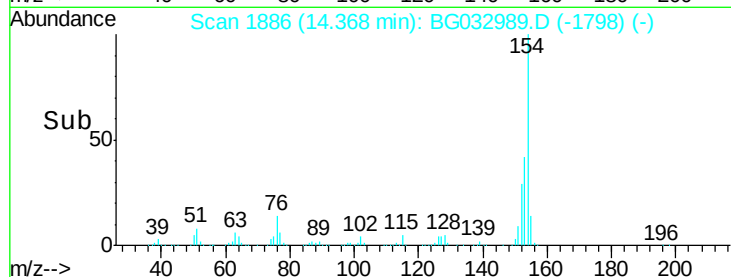
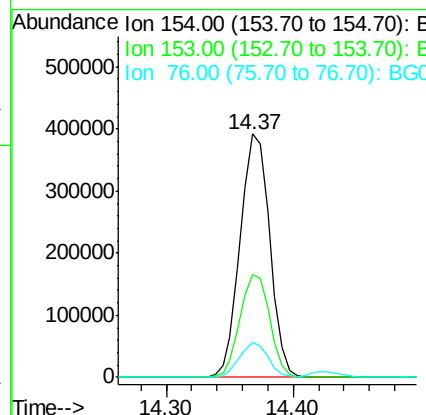
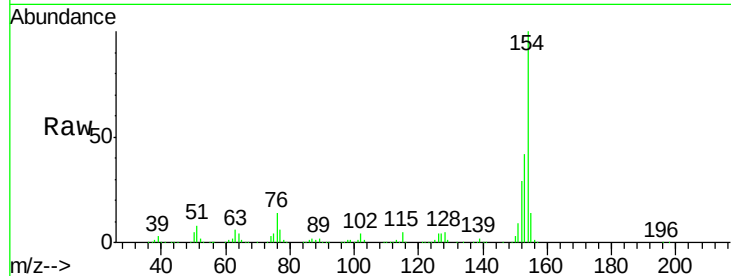
#45
 1,1'-Biphenyl
 Concen: 41.256 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampled :
 B21MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	19.8	59.8
76	14.5	0.0	31.9

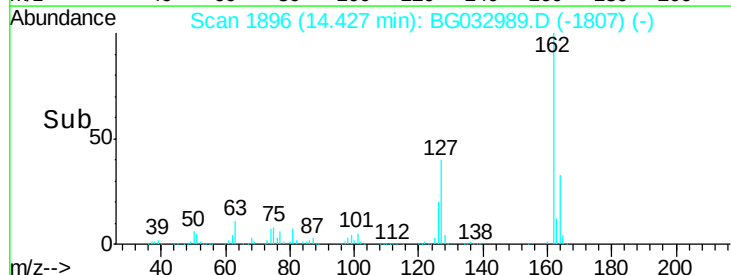
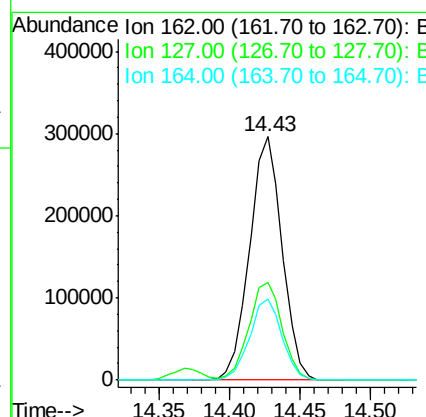
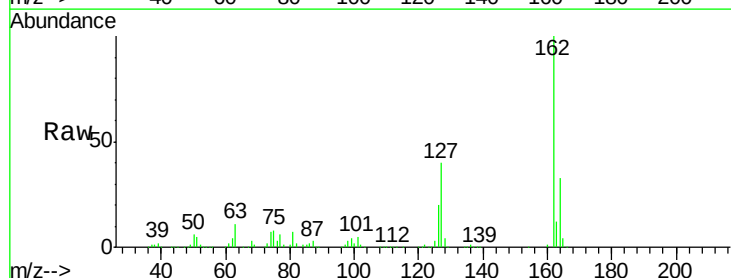
Manual Integrations
 APPROVED

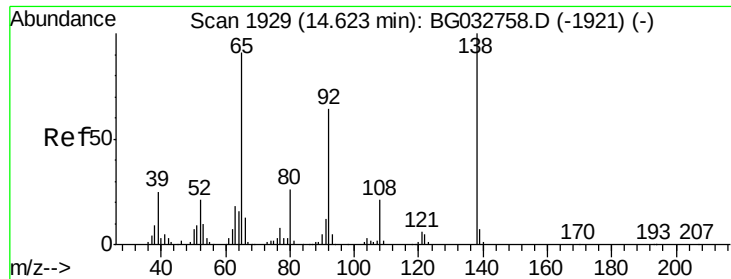
Sohil
 3/6/2018 4:26:24 PM



#46
 2-Chloronaphthalene
 Concen: 41.624 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.7	46.1
164	33.2	26.0	39.0





#47

2-Nitroaniline

Concen: 59.763 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

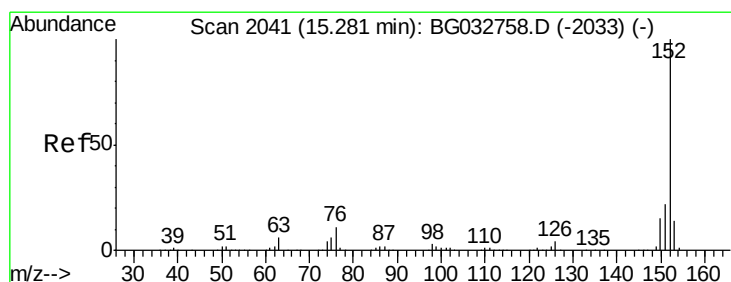
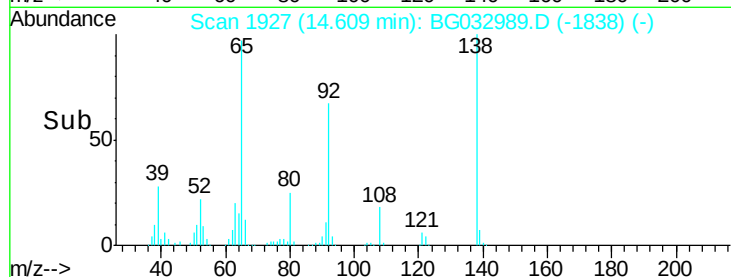
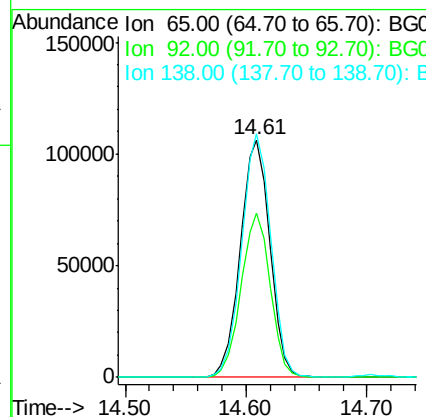
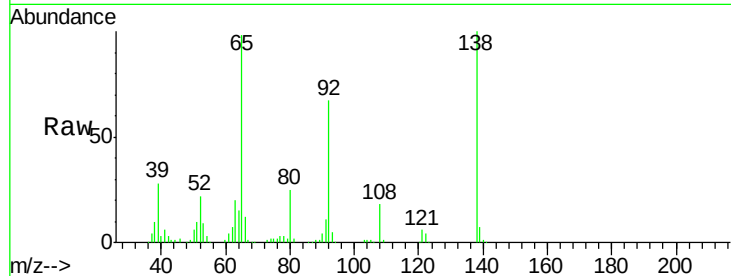
ClientSampleId :

B21MSD

Tot Ion:	65	Resp:	181864
Ion Ratio	Lower	Upper	
65	100		
92	69.0	54.6	82.0
138	102.4	72.9	109.3

Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:24 PM



#48

Acenaphthylene

Concen: 42.481 ng

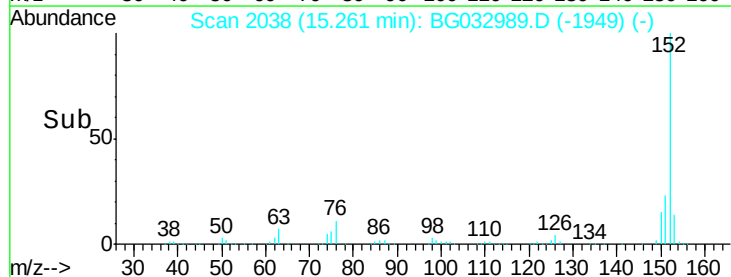
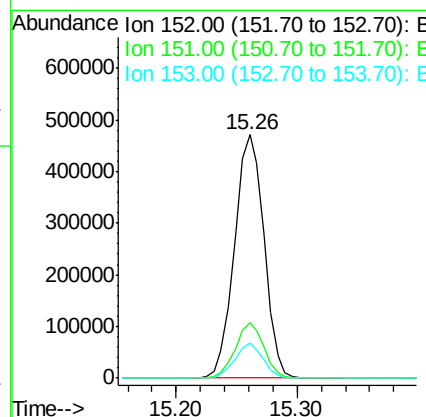
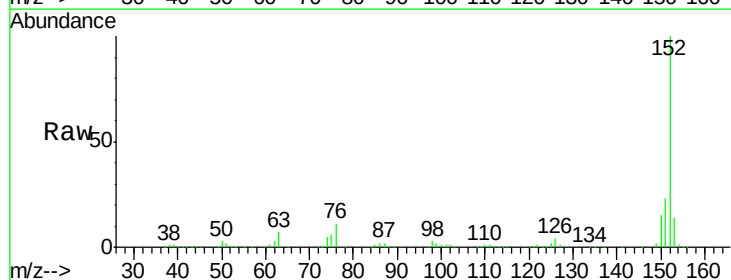
RT: 15.26 min Scan# 2038

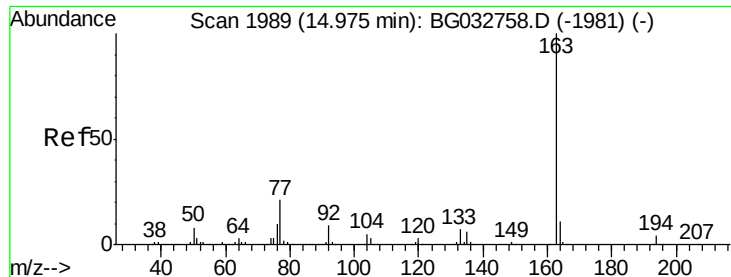
Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Tgt Ion:	152	Resp:	798711
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.2	25.8
153	14.4	10.2	15.4





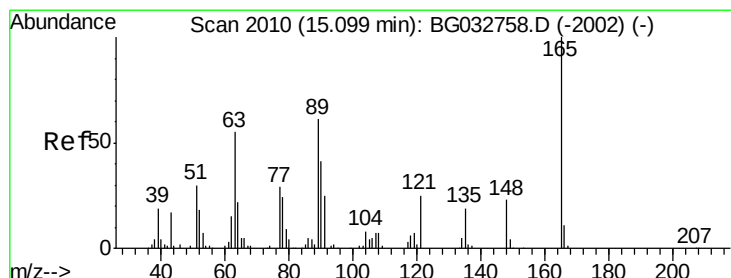
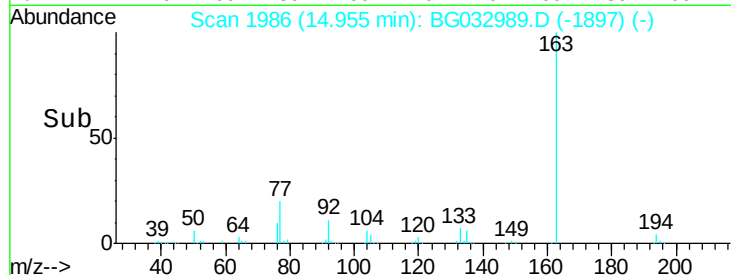
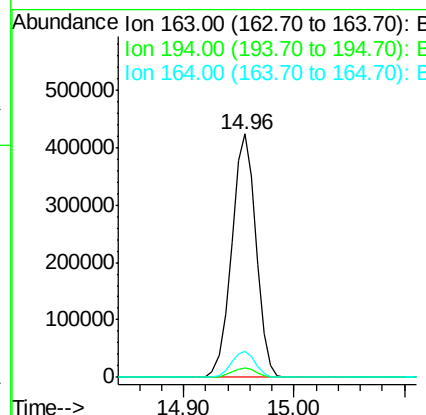
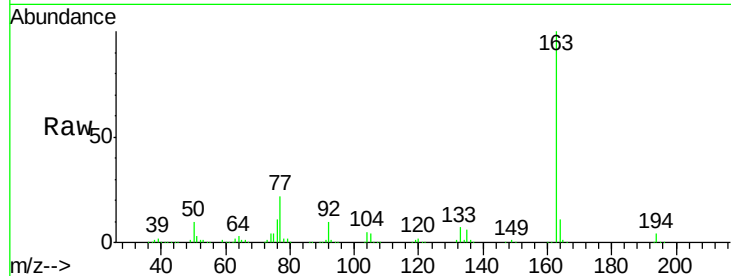
#49
Dimethylphthalate
Concen: 43.449 ng
RT: 14.96 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampled :
B21MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	649047		
194	4.0		3.4	5.2
164	10.7		8.2	12.4

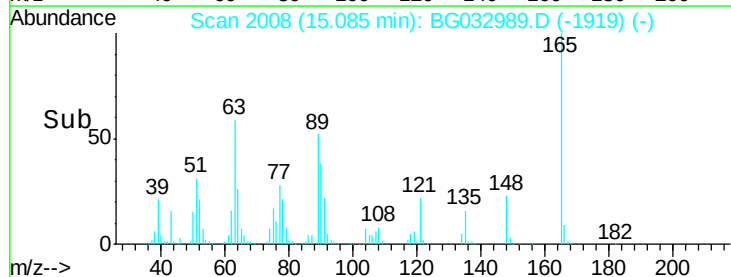
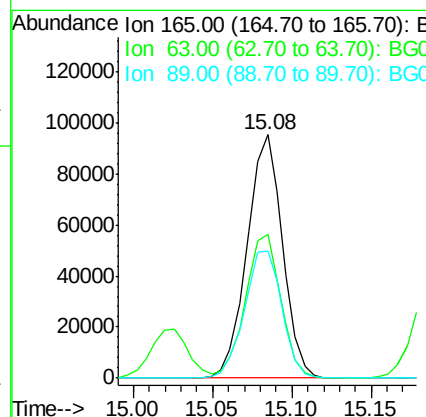
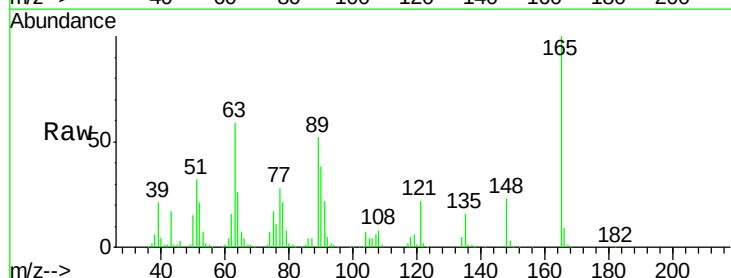
Manual Integrations
APPROVED

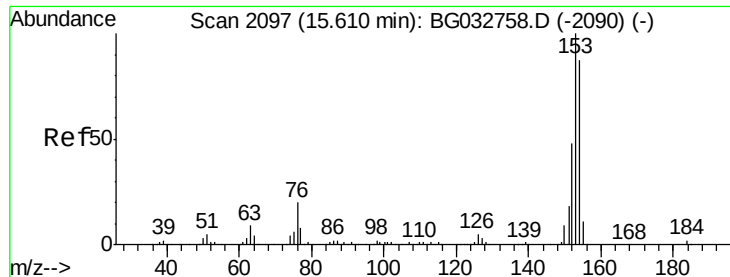
Sohil
3/6/2018 4:26:24 PM



#50
2,6-Dinitrotoluene
Concen: 57.430 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	147301		
63	59.2		52.7	79.1
89	52.3		49.2	73.8





#51

Acenaphthene

Concen: 46.959 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

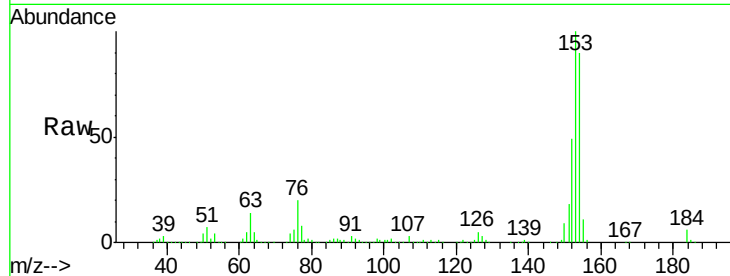
ClientSampled :

B21MSD

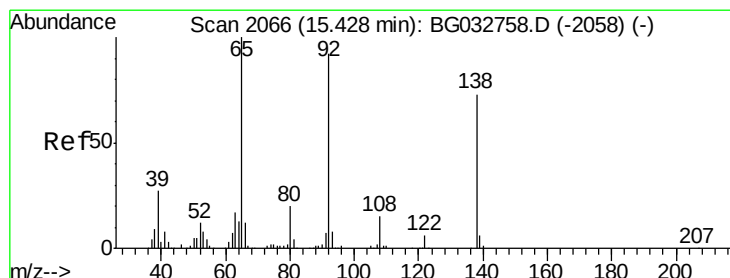
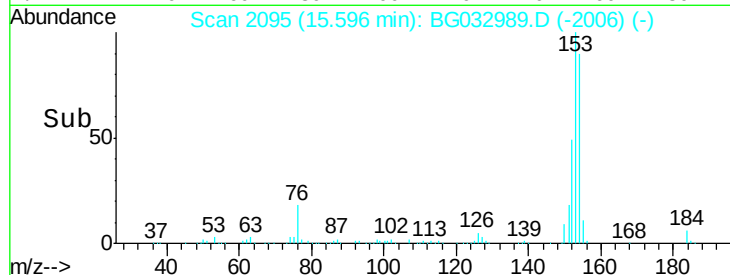
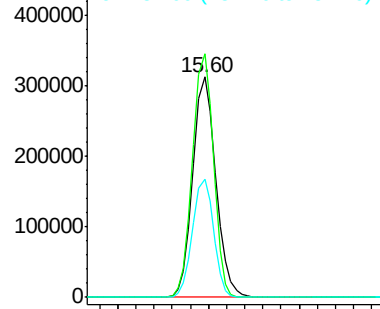
Tot Ion:	154	Resp:	549866
Ion Ratio	Lower	Upper	
154	100		
153	110.6	90.4	135.6
152	53.9	41.6	62.4

Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:24 PM



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



#52

3-Nitroaniline

Concen: 31.182 ng

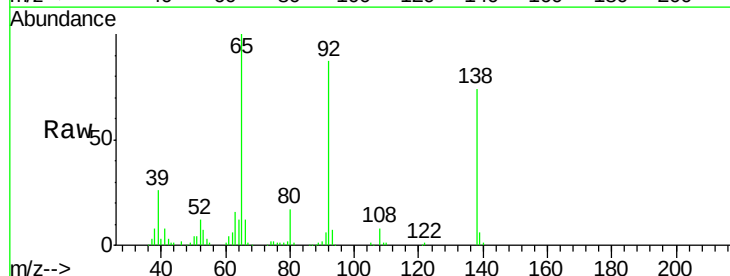
RT: 15.41 min Scan# 2064

Delta R.T. -0.00 min

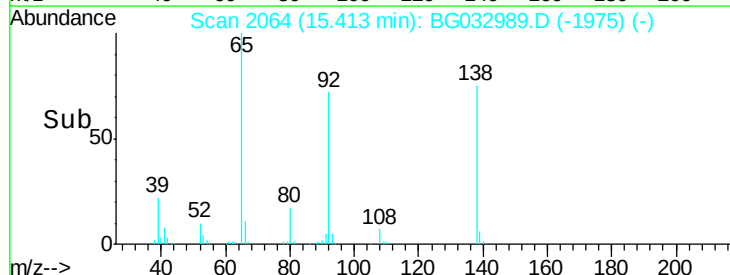
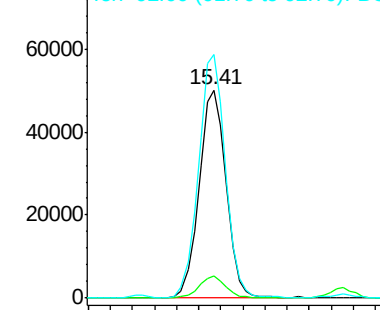
Lab File: BG032989.D

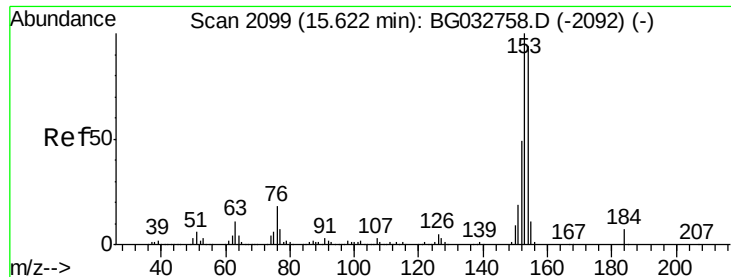
Acq: 5 Mar 2018 14:42

Tgt Ion:	138	Resp:	85789
Ion Ratio	Lower	Upper	
138	100		
108	10.4	17.5	26.3#
92	116.9	105.8	158.8



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





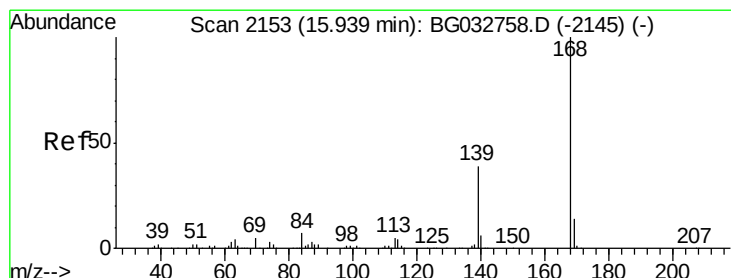
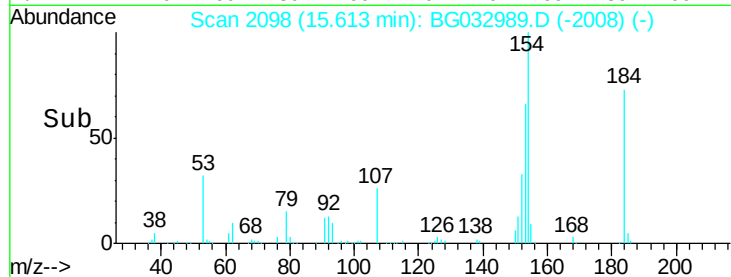
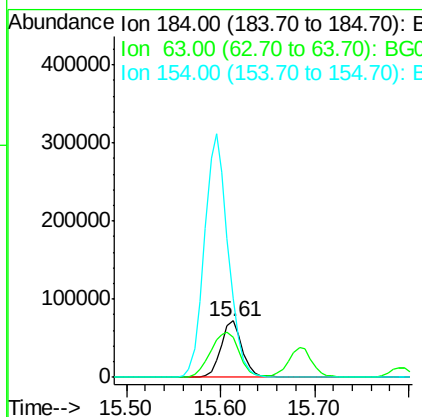
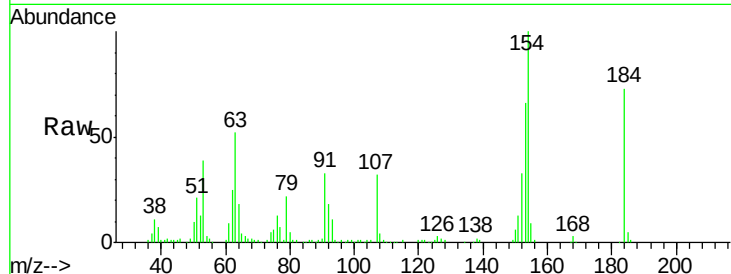
#53
 2,4-Dinitrophenol
 Concen: 124.081 ng
 RT: 15.61 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	71.4	59.8	89.8	
154	137.6	101.8	152.8	

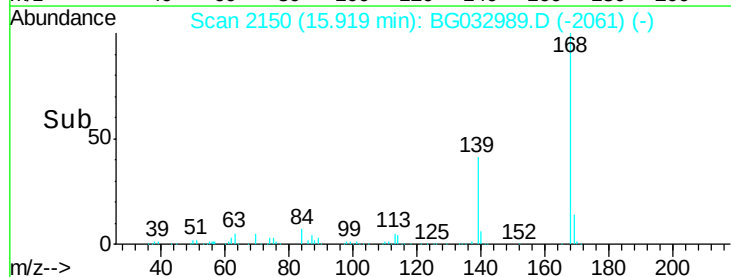
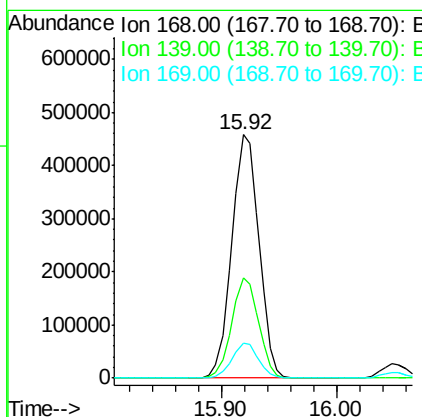
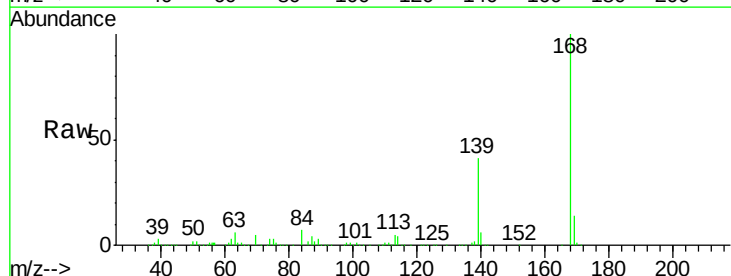
Manual Integrations
 APPROVED

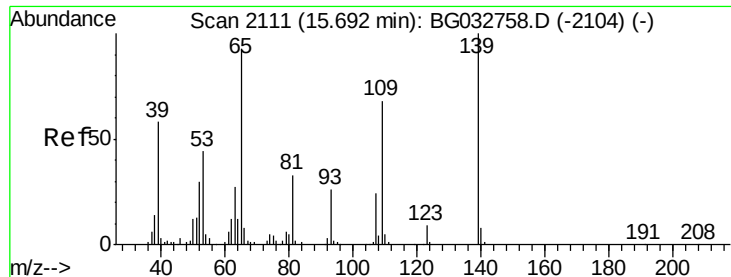
Sohil
 3/6/2018 4:26:24 PM



#54
 Dibenzofuran
 Concen: 44.793 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.4	28.6	43.0	
169	14.4	11.2	16.8	





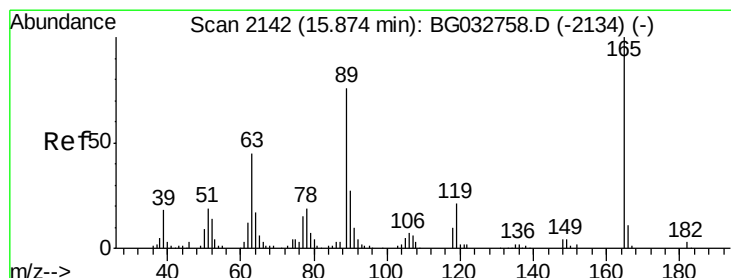
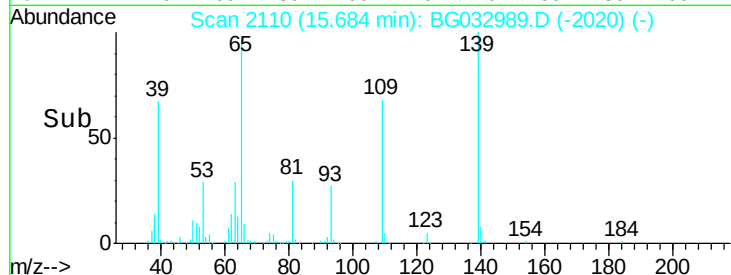
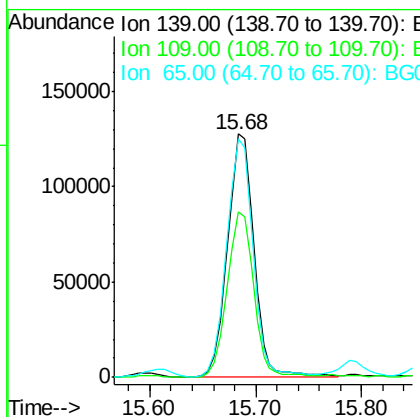
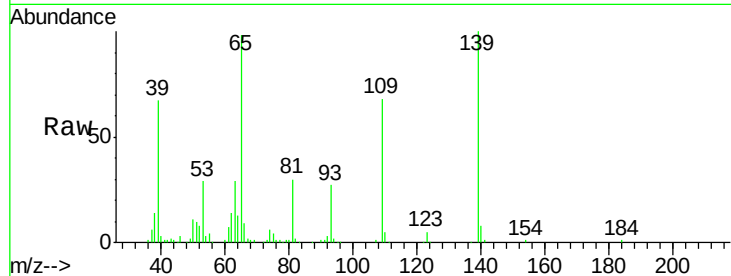
#55
4-Nitrophenol
Concen: 89.692 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	221708		
109	68.0	62.2	102.2	
65	98.0	97.2	137.2	

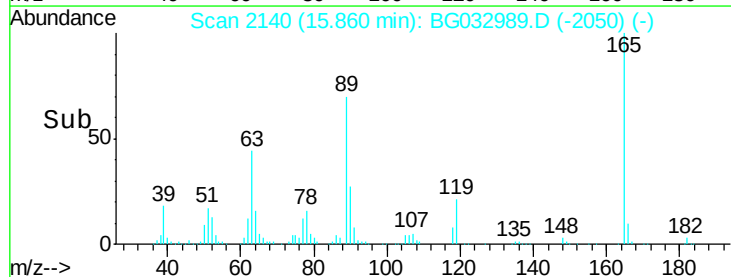
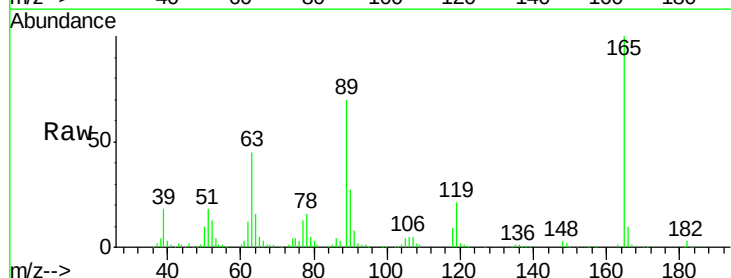
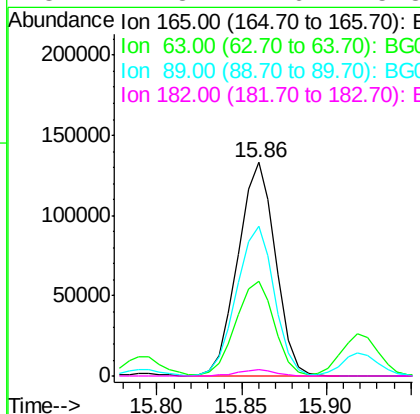
Manual Integrations
APPROVED

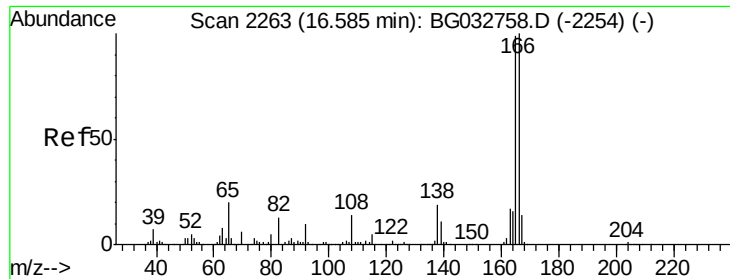
Sohil
3/6/2018 4:26:24 PM



#56
2,4-Dinitrotoluene
Concen: 64.753 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	205649		
63	44.6	42.0	63.0	
89	69.9	66.9	100.3	
182	2.8	2.6	3.8	





#57

Fluorene

Concen: 44.118 ng

RT: 16.56 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

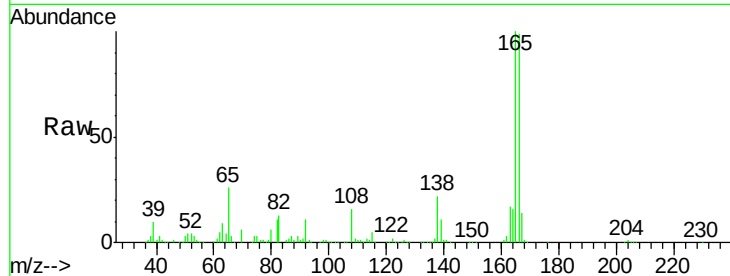
ClientSampled :

B21MSD

Tot Ion:	166	Resp:	607121
Ion Ratio	Lower	Upper	
166	100		
165	100.8	80.6	121.0
167	14.4	10.4	15.6

Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:24 PM

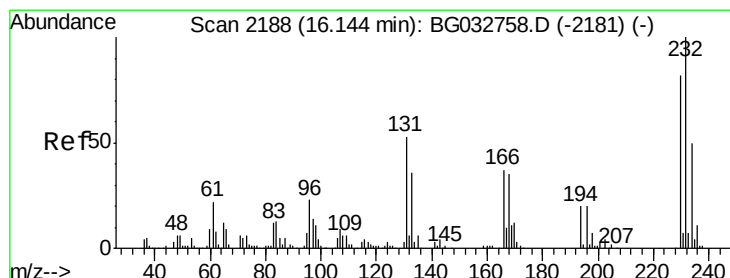
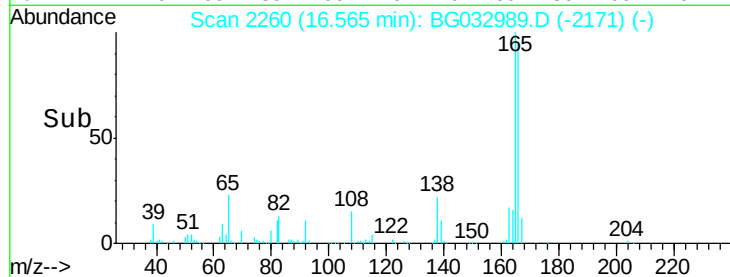
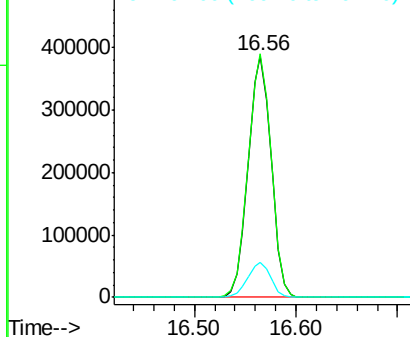


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.405 ng m

RT: 16.13 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Tgt Ion:	232	Resp:	158054
Ion Ratio	Lower	Upper	
232	100		
131	44.7	33.5	50.3
130	2.9	2.2	3.2
166	27.7	24.8	37.2

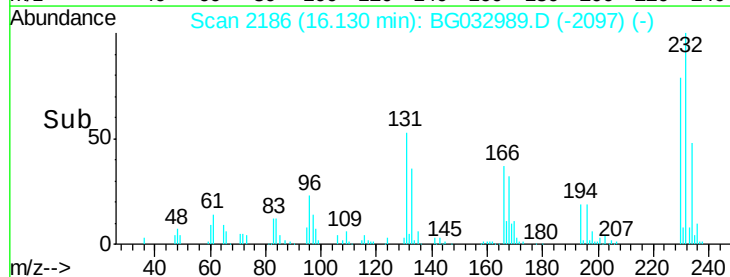
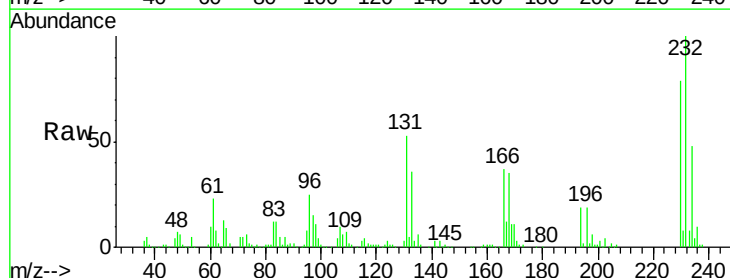
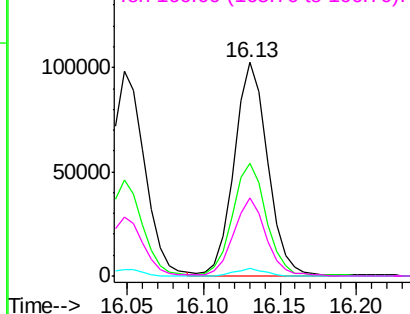
Abundance

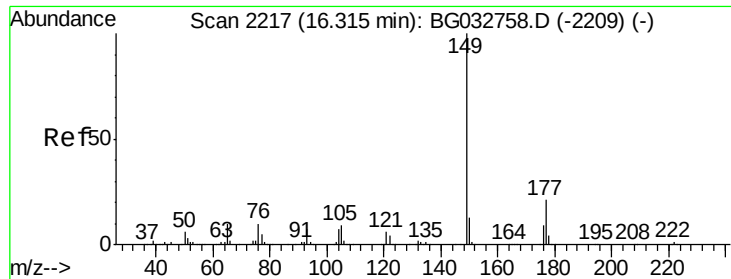
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





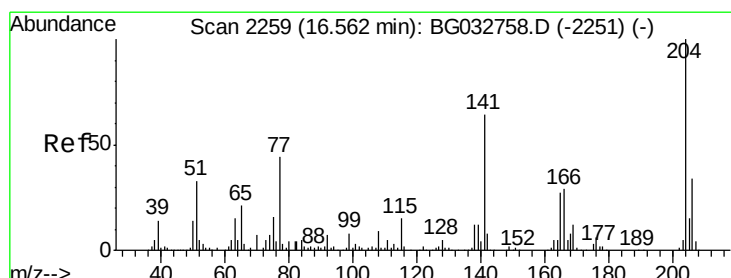
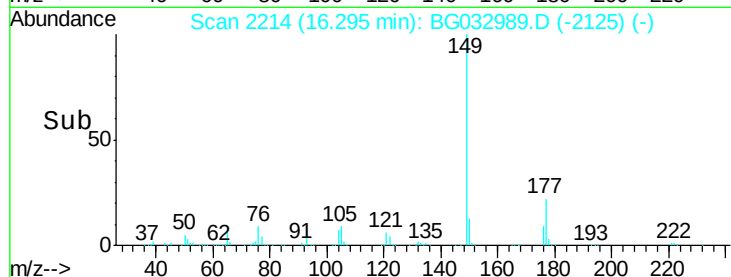
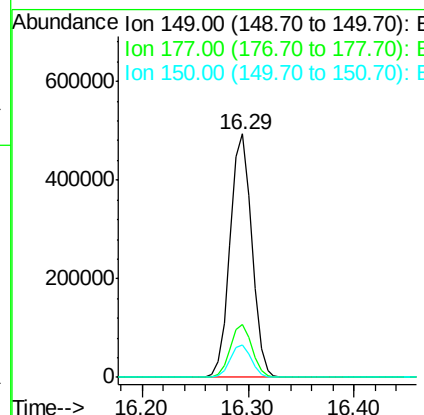
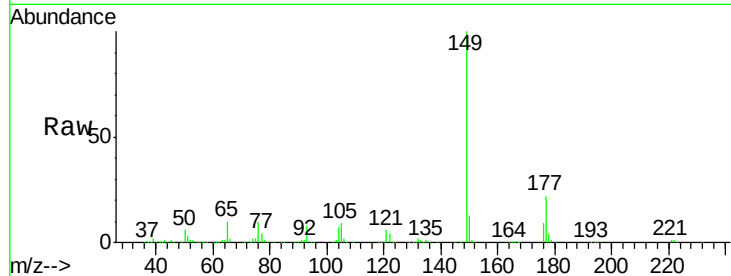
#59
Diethylphthalate
Concen: 44.354 ng
RT: 16.29 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	698825		
177	22.0		18.5	27.7
150	13.1		10.2	15.2

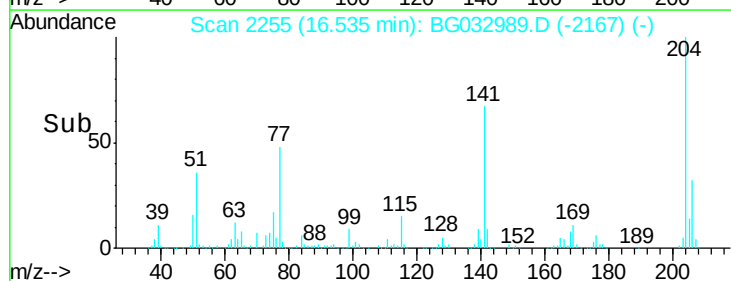
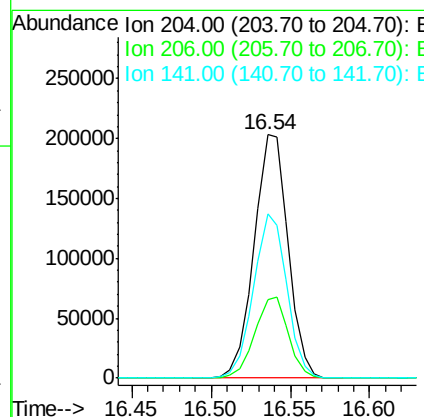
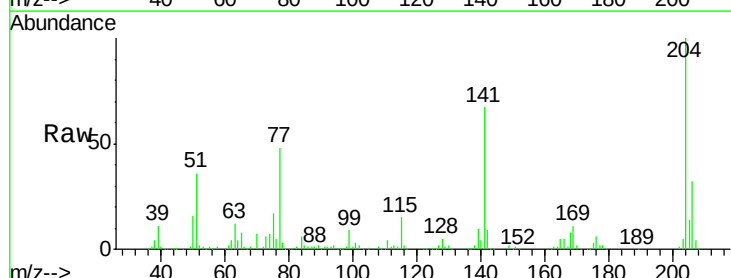
Manual Integrations
APPROVED

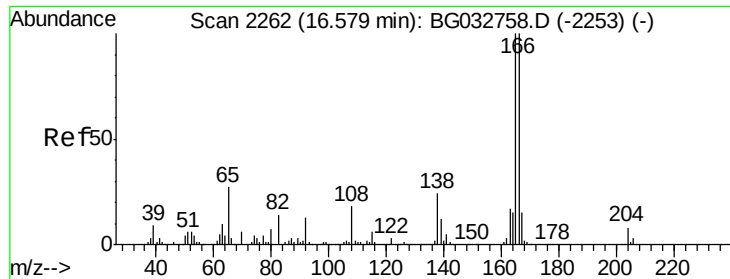
Sohil
3/6/2018 4:26:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.950 ng
RT: 16.54 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	302600		
206	32.0		26.2	39.2
141	67.3		45.8	68.6





#61

4-Nitroaniline

Concen: 46.182 ng

RT: 16.56 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

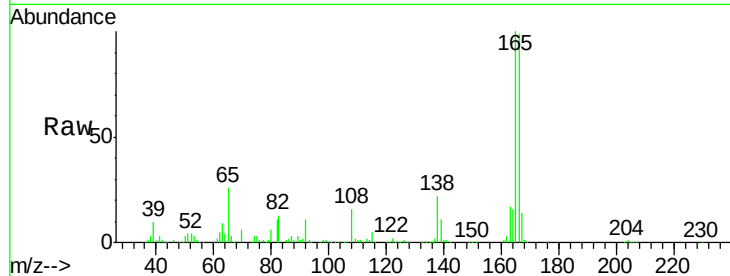
ClientSampled :

B21MSD

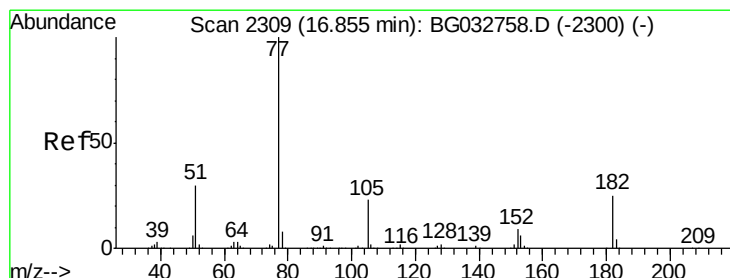
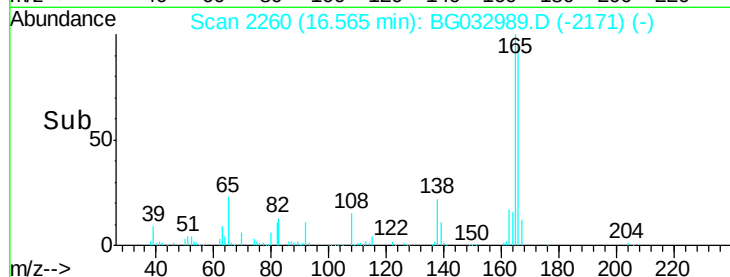
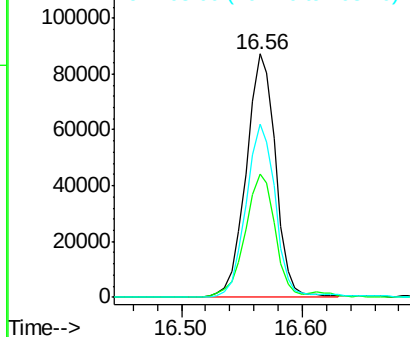
Tot Ion:	138	Resp:	148618
Ion Ratio	Lower	Upper	
138	100		
92	50.5	40.1	80.1
108	71.0	65.4	105.4

Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:24 PM



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



#62

Azobenzene

Concen: 45.364 ng

RT: 16.83 min Scan# 2305

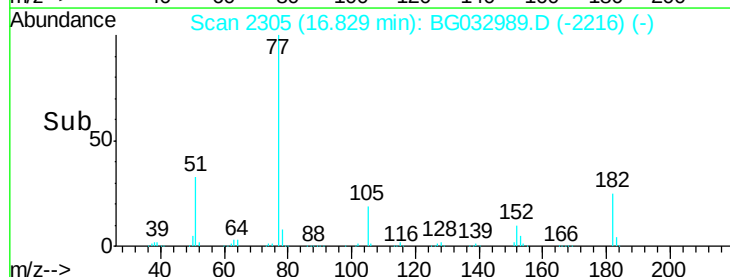
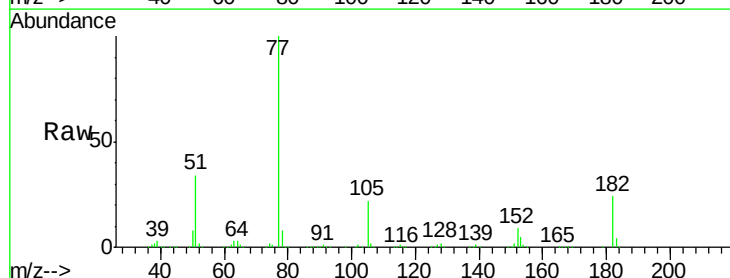
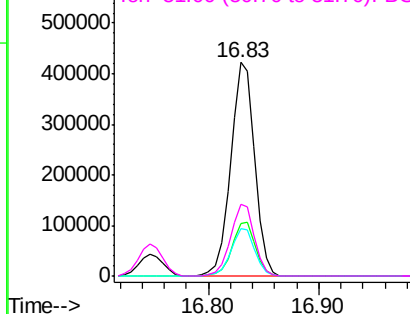
Delta R.T. -0.00 min

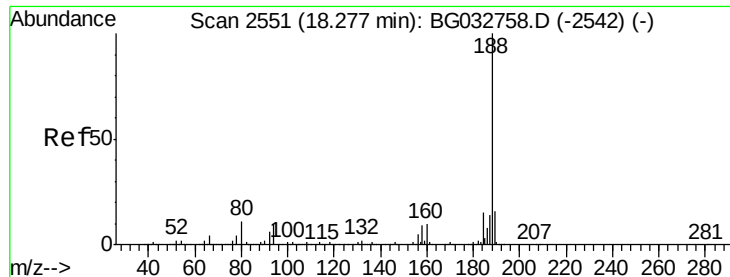
Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Tgt Ion:	77	Resp:	639424
Ion Ratio	Lower	Upper	
77	100		
182	24.4	7.4	47.4
105	22.3	0.3	40.3
51	33.8	11.6	51.6

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





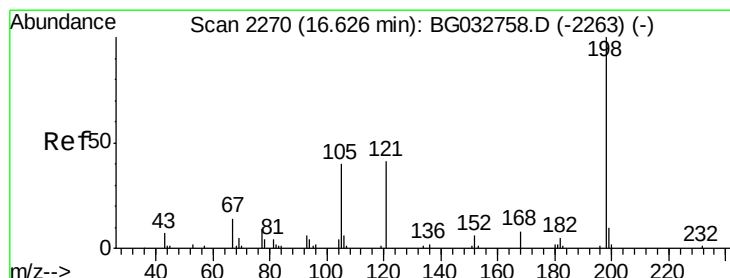
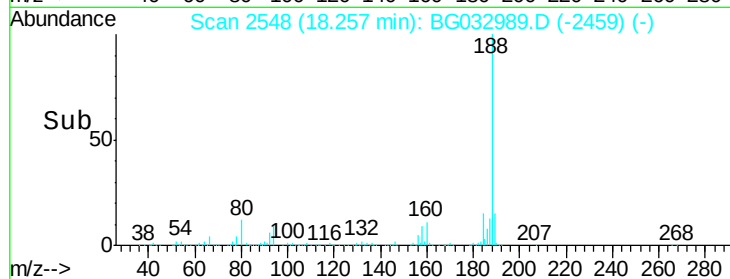
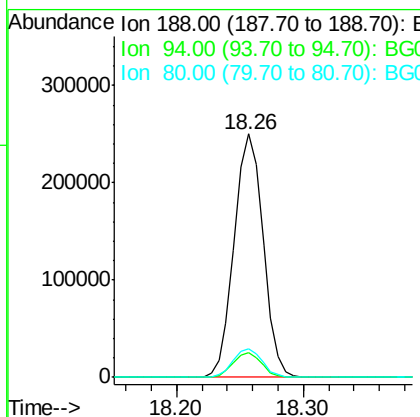
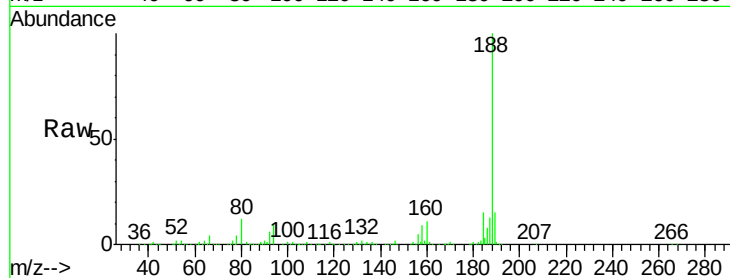
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	6.9	10.3
80	11.6	7.7	11.5

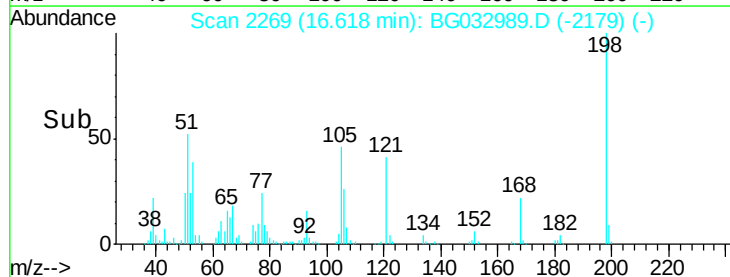
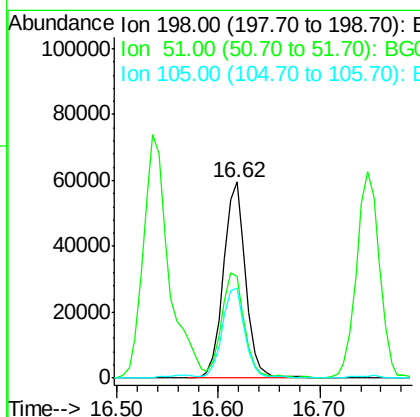
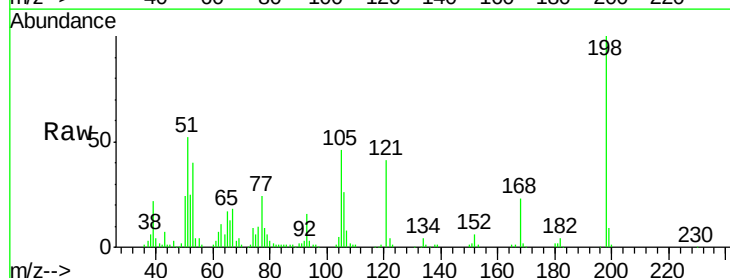
Manual Integrations
APPROVED

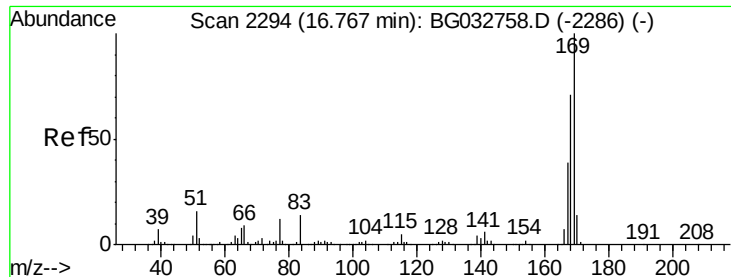
Sohil
3/6/2018 4:26:24 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 67.057 ng
RT: 16.62 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	52.1	30.6	70.6
105	45.7	23.8	63.8





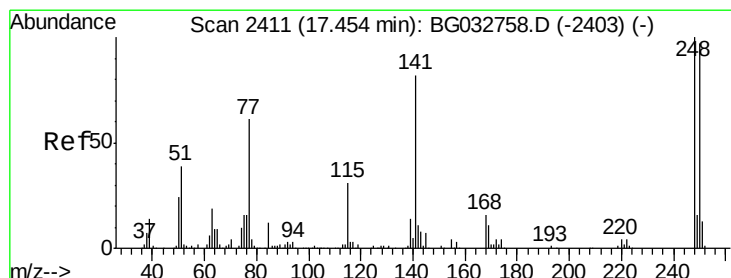
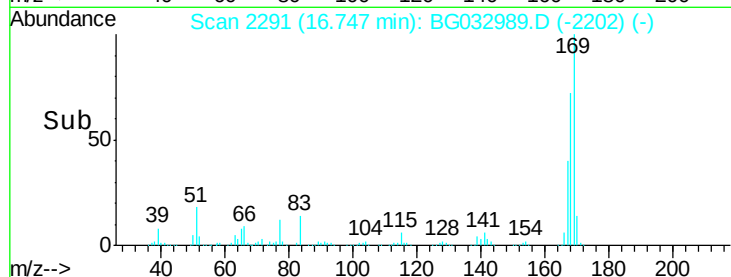
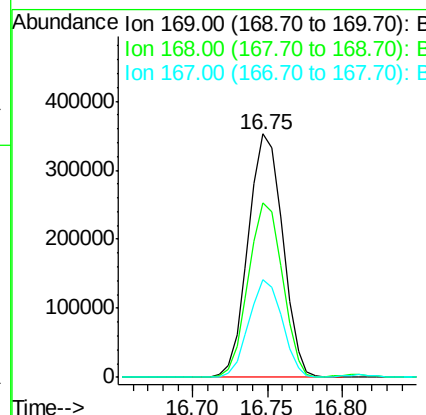
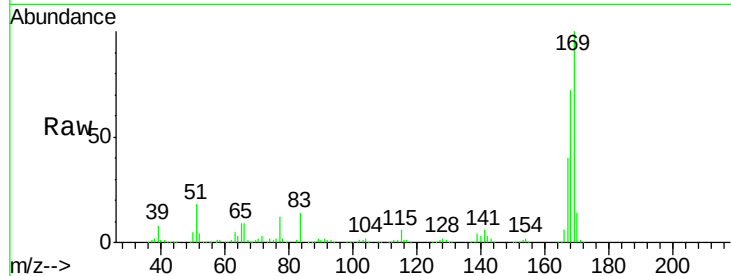
#65
 n-Nitrosodiphenylamine
 Concen: 43.694 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		563426		
168	71.8	55.7		83.5	
167	39.9	30.1		45.1	

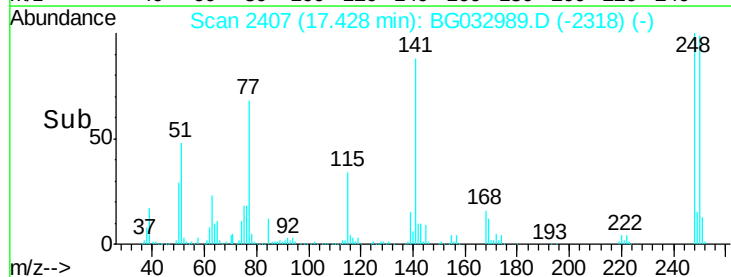
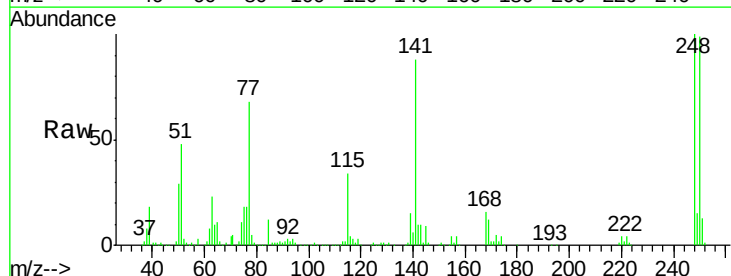
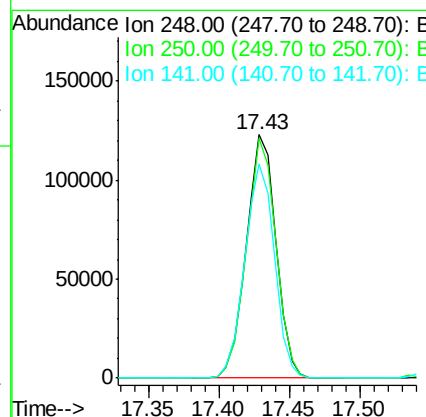
Manual Integrations
 APPROVED

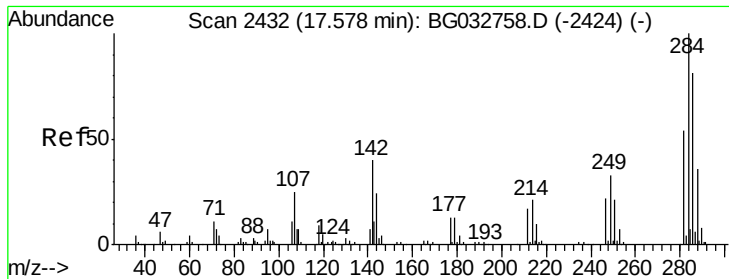
Sohil
 3/6/2018 4:26:24 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.294 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		181461		
250	98.5	77.1		115.7	
141	87.7	50.8		76.2#	





#67

Hexachlorobenzene

Concen: 41.280 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

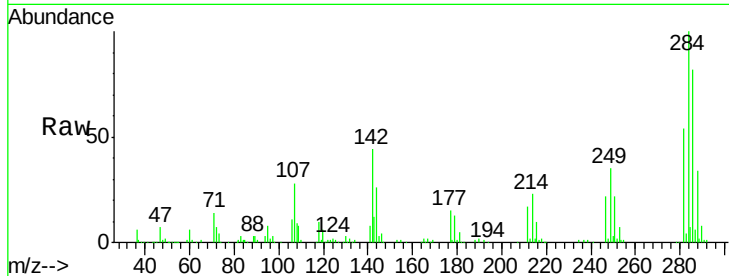
ClientSampleId :

B21MSD

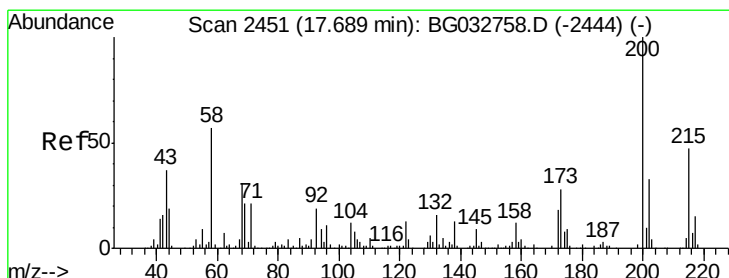
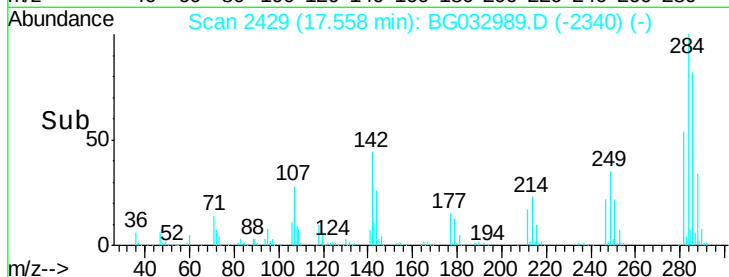
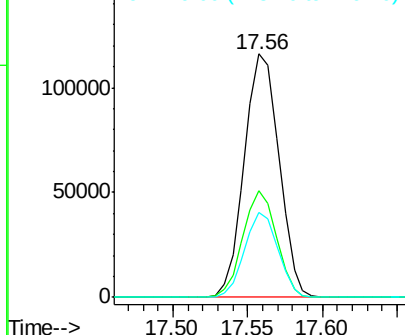
Tot Ion:	284	Resp:	186975
Ion Ratio		Lower	Upper
284	100		
142	44.0	26.8	40.2#
249	34.7	26.3	39.5

Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:24 PM



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: 45.604 ng

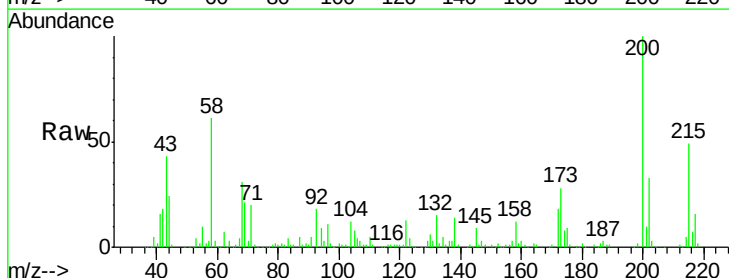
RT: 17.67 min Scan# 2448

Delta R.T. -0.00 min

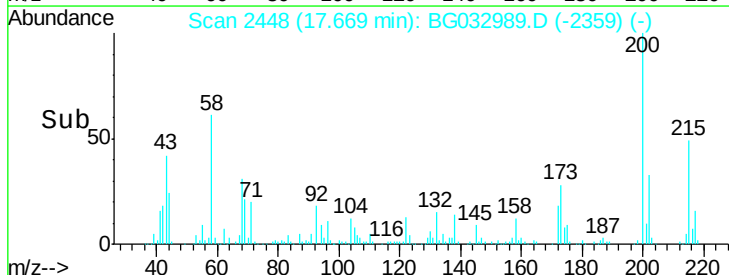
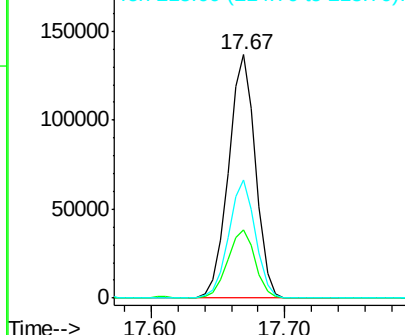
Lab File: BG032989.D

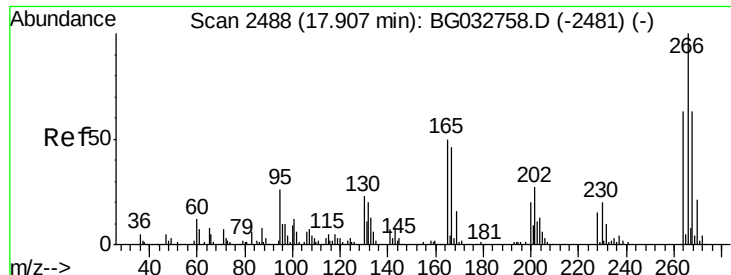
Acq: 5 Mar 2018 14:42

Tgt Ion:	200	Resp:	193569
Ion Ratio		Lower	Upper
200	100		
173	28.2	5.2	45.2
215	48.8	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





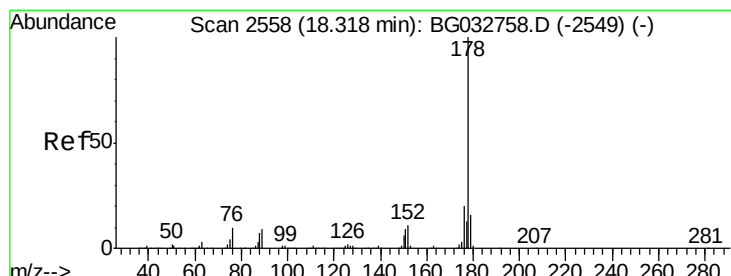
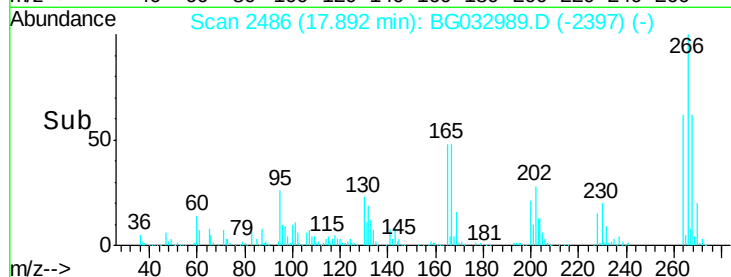
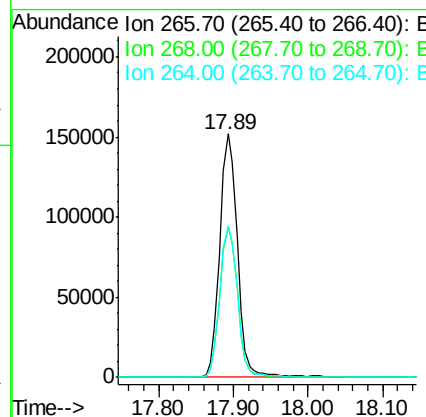
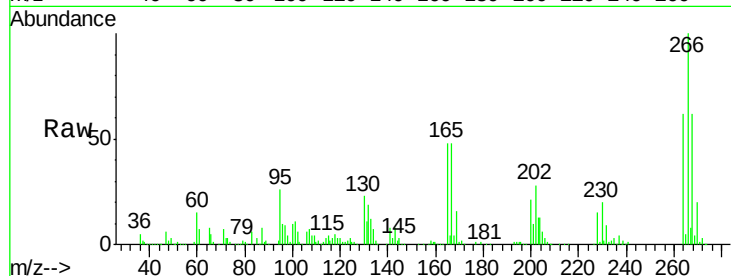
#69
 Pentachlorophenol
 Concen: 87.768 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	62.1	49.6	74.4

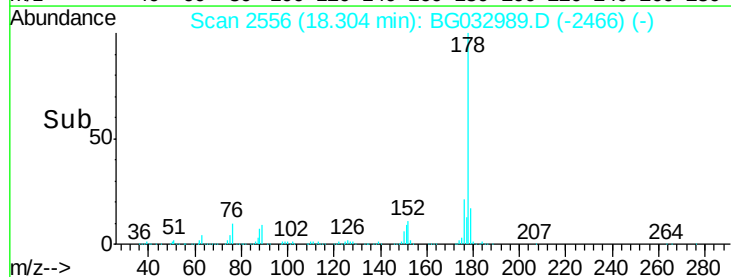
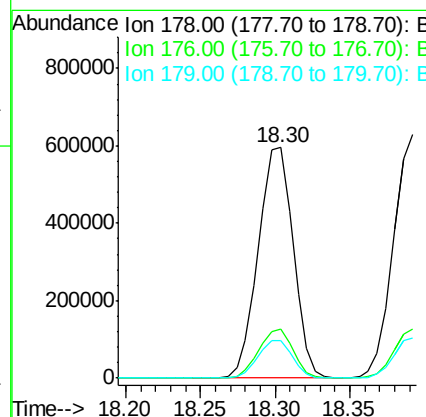
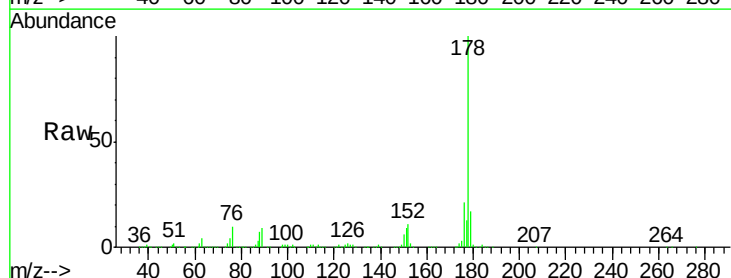
Manual Integrations
 APPROVED

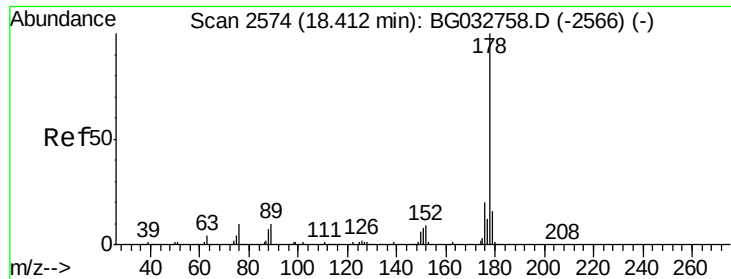
Sohil
 3/6/2018 4:26:24 PM



#70
 Phenanthrene
 Concen: 43.764 ng
 RT: 18.30 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.7	23.5
179	16.5	12.5	18.7





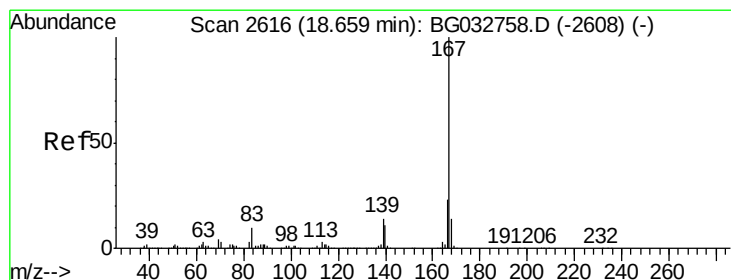
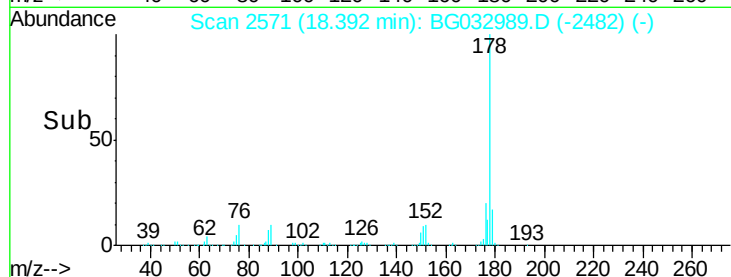
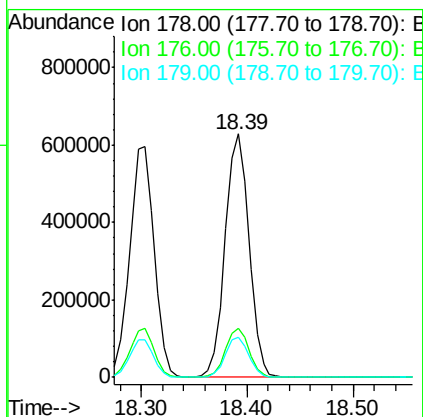
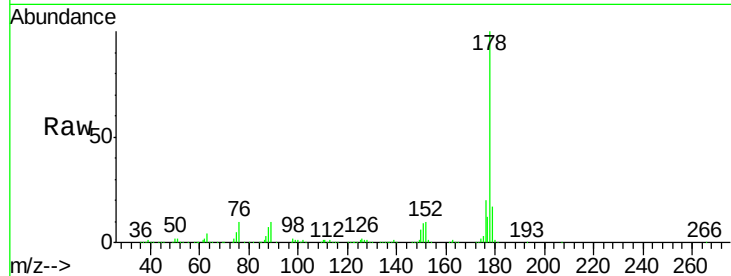
#71
 Anthracene
 Concen: 44.286 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.6	12.5	18.7

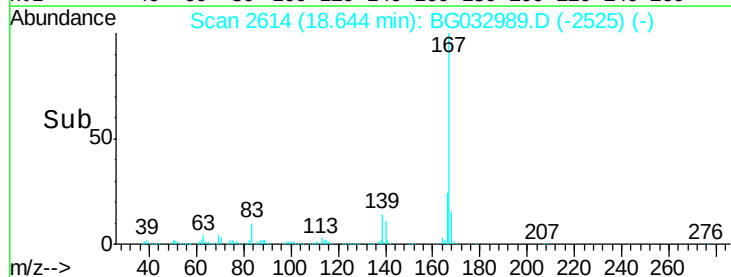
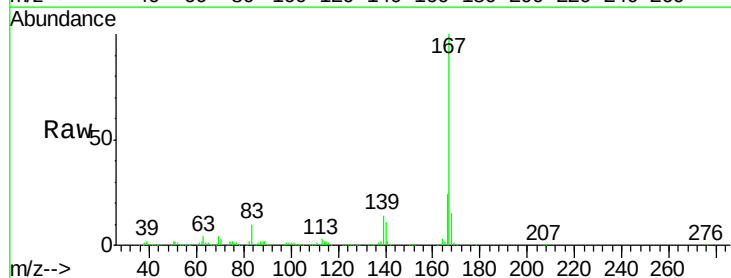
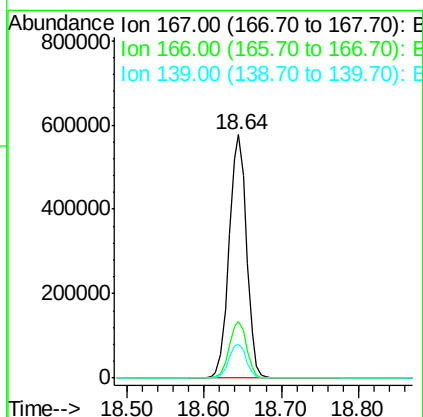
Manual Integrations
 APPROVED

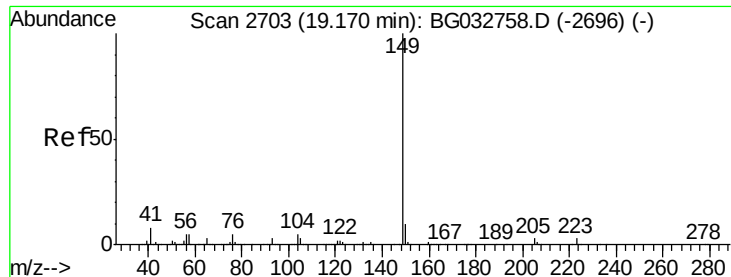
Sohil
 3/6/2018 4:26:24 PM



#72
 Carbazole
 Concen: 41.748 ng
 RT: 18.64 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	14.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.132 ng

RT: 19.14 min Scan# 2699

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampleId :

B21MSD

Tot Ion:149 Resp: 1157949

Ion Ratio Lower Upper

149 100

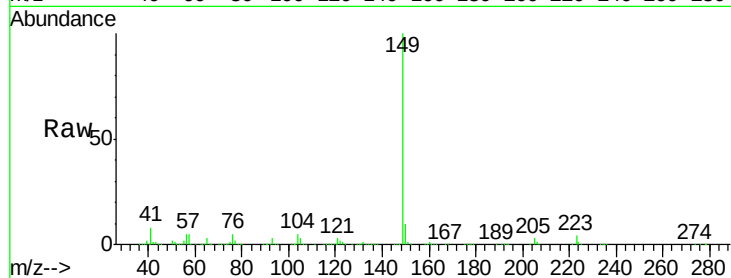
150 10.4 7.8 11.6

104 5.3 3.9 5.9

Manual Integrations
APPROVED

Sohil

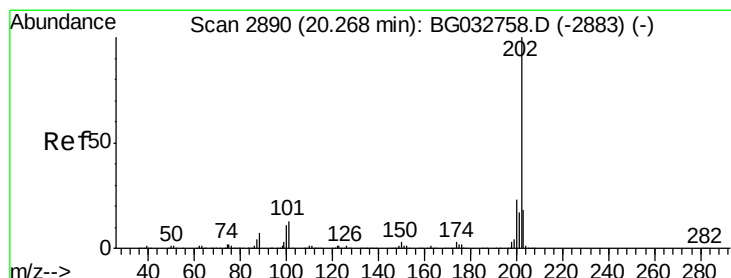
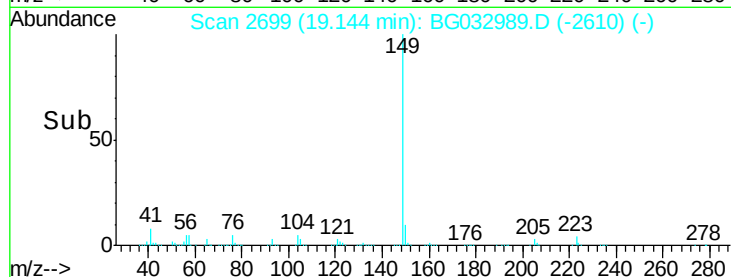
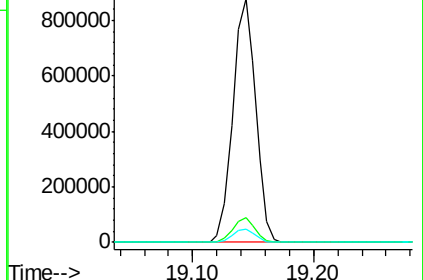
3/6/2018 4:26:24 PM



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: 43.517 ng

RT: 20.25 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

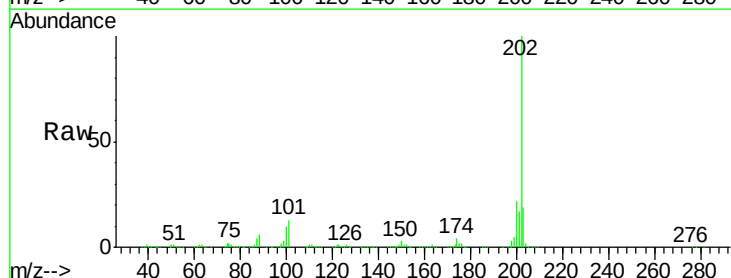
Tgt Ion:202 Resp: 1063024

Ion Ratio Lower Upper

202 100

101 12.6 0.0 28.9

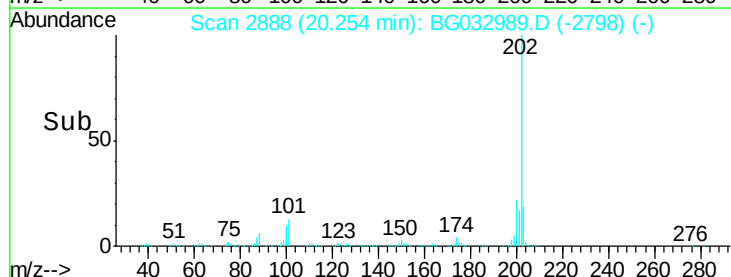
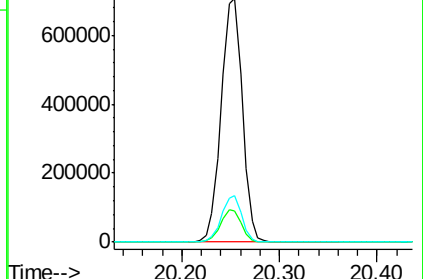
203 19.0 0.0 37.5

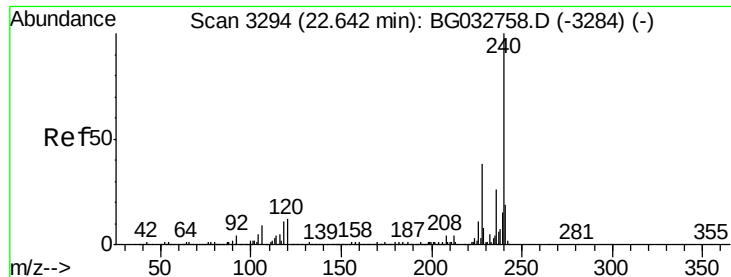


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





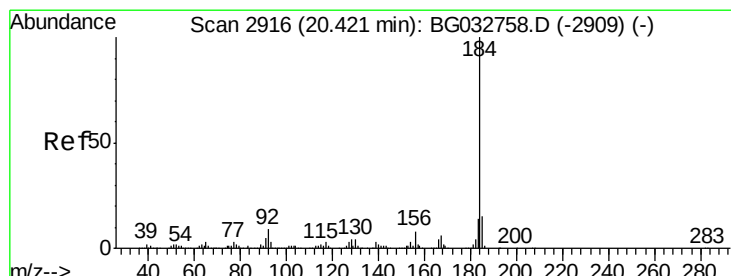
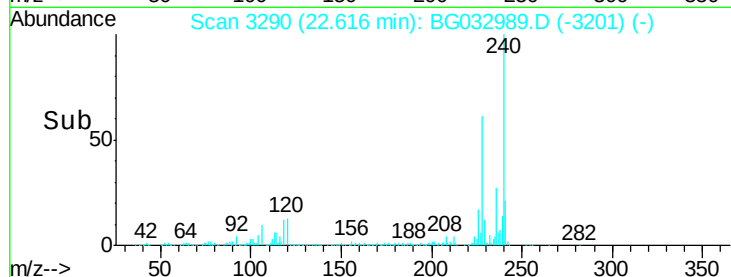
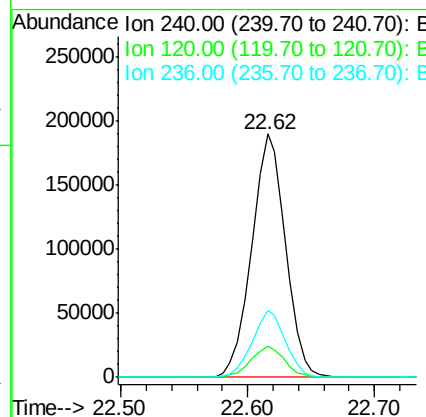
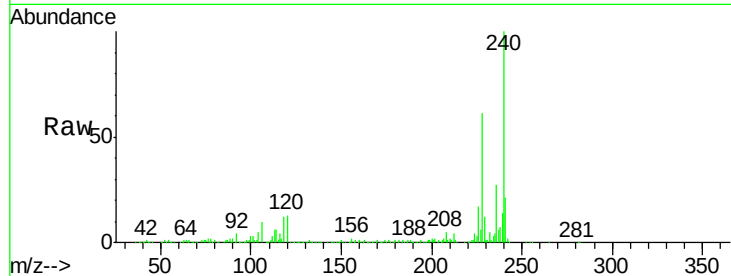
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampled :
B21MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	6.8	10.2#
236	27.4	20.9	31.3

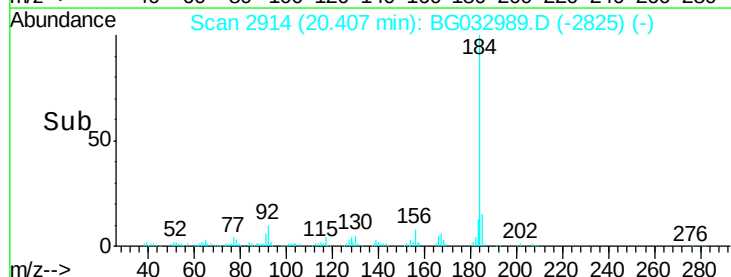
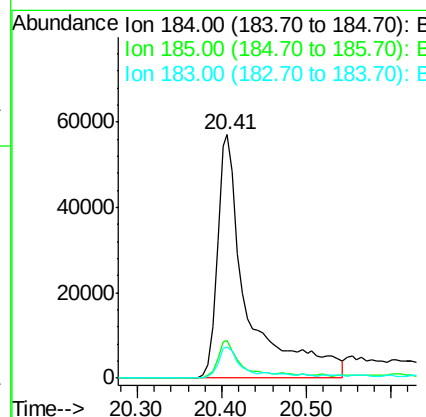
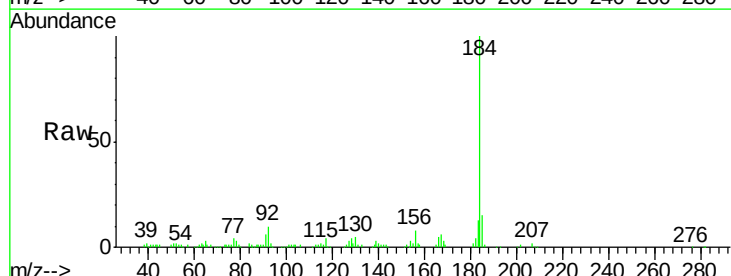
Manual Integrations
APPROVED

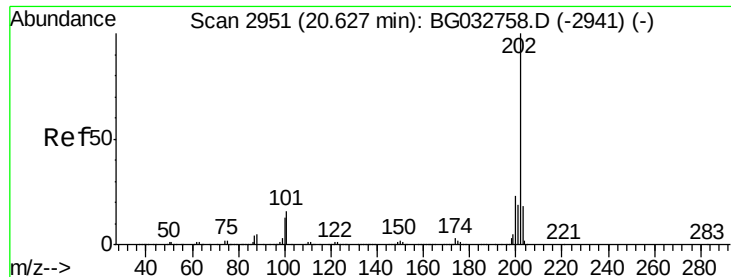
Sohil
3/6/2018 4:26:24 PM



#76
Benzidine
Concen: 11.840 ng
RT: 20.41 min Scan# 2914
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	12.6	10.6	16.0





#77

Pvrene

Concen: 42.909 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

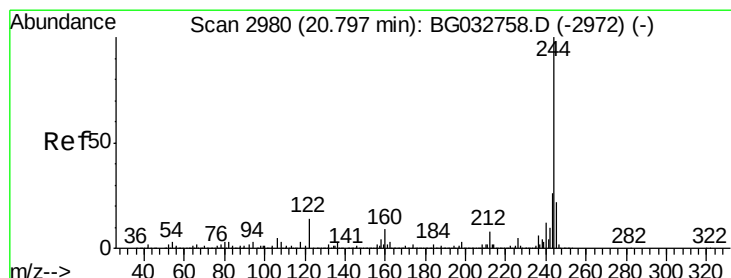
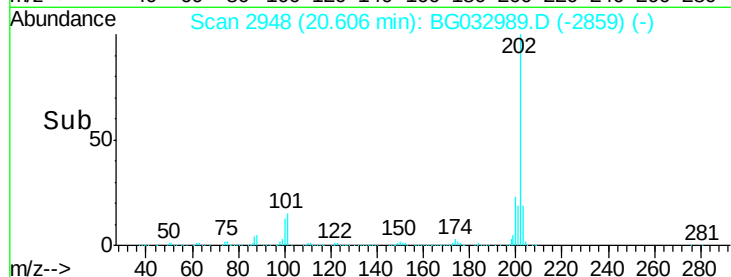
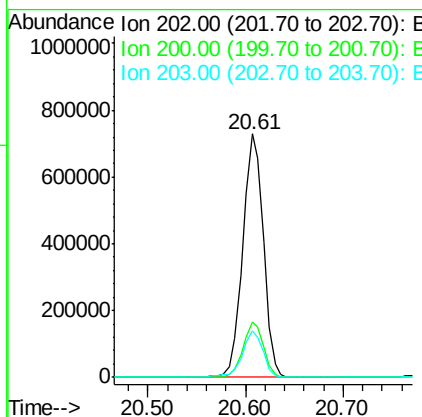
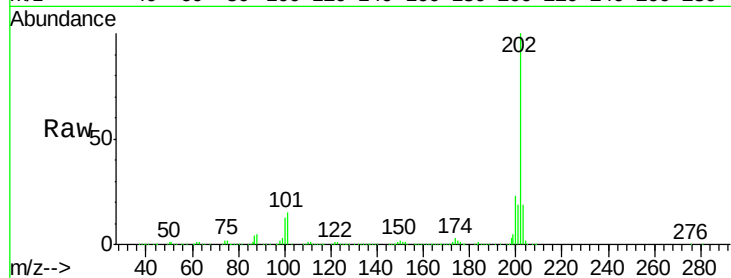
ClientSampled :

B21MSD

Tot Ion:	202	Resp:	1063996
Ion Ratio	Lower	Upper	
202	100		
200	22.9	16.9	25.3
203	18.9	13.9	20.9

Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:24 PM



#78

Terphenyl-d14

Concen: 95.796 ng

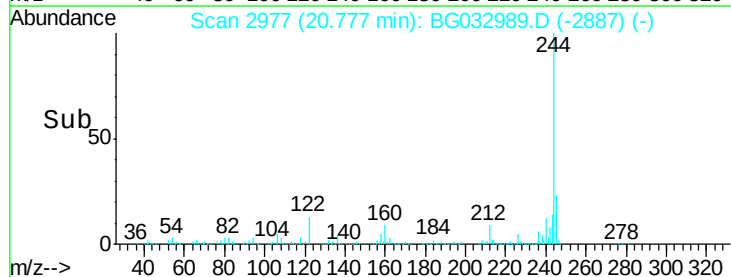
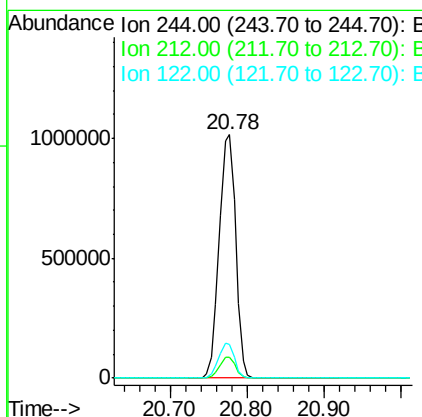
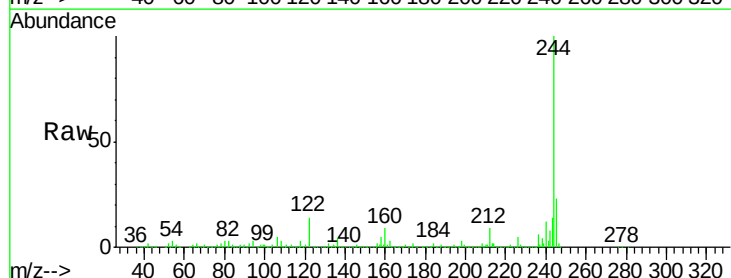
RT: 20.78 min Scan# 2977

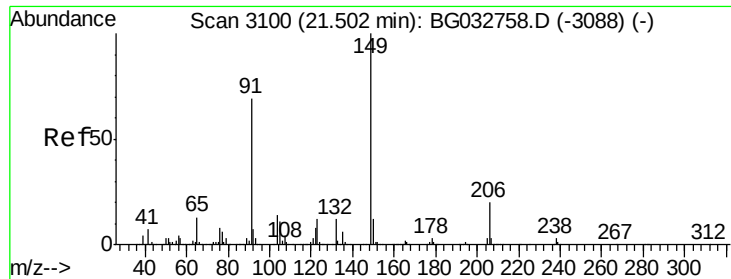
Delta R.T. 0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Tgt Ion:	244	Resp:	1499248
Ion Ratio	Lower	Upper	
244	100		
212	8.7	5.8	8.8
122	13.7	7.0	10.4#





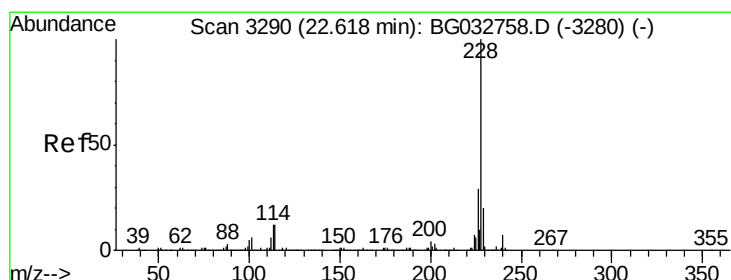
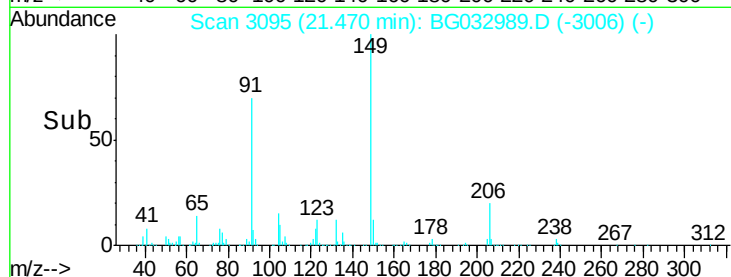
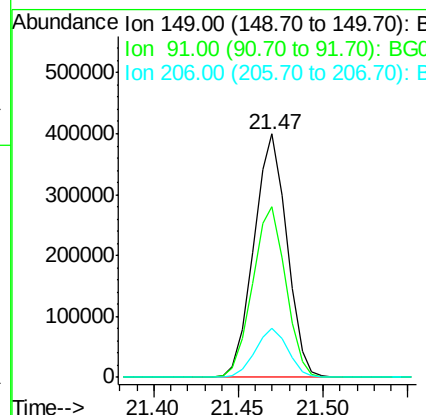
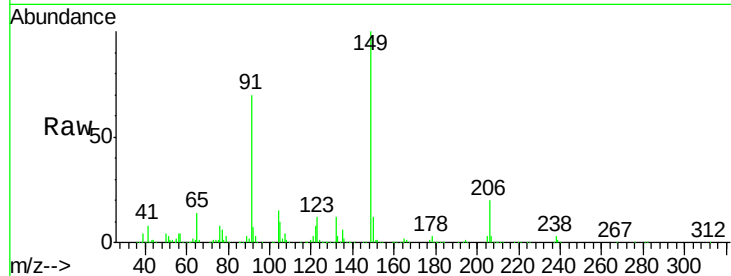
#79
Butylbenzylphthalate
Concen: 49.406 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampled :
B21MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	62.2	93.2
206	20.1	18.6	27.8

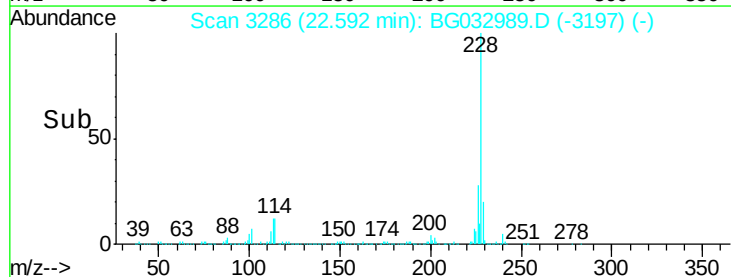
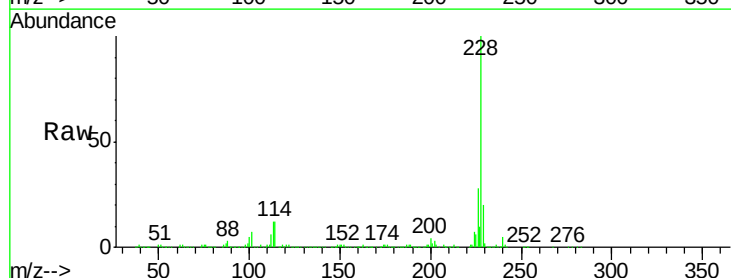
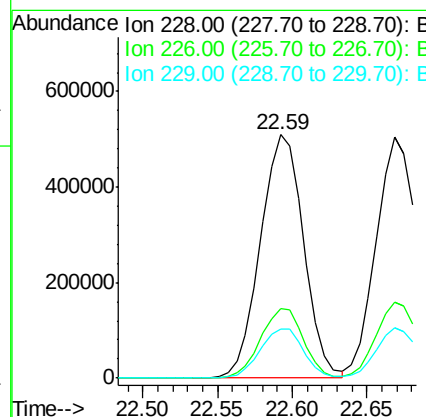
Manual Integrations
APPROVED

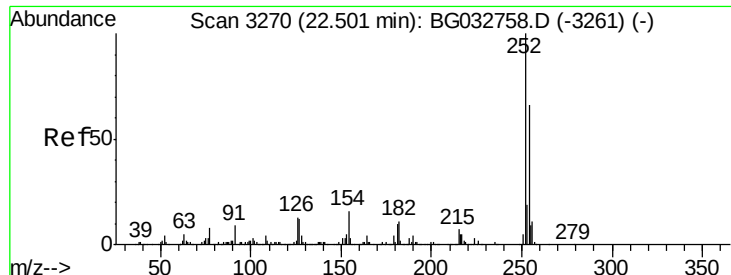
Sohil
3/6/2018 4:26:24 PM



#80
Benzo(a)anthracene
Concen: 45.333 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.3	16.2	24.2





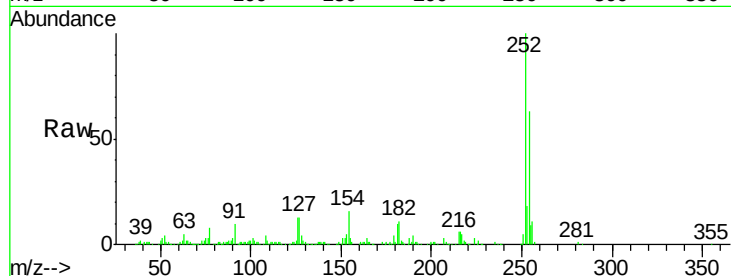
#81
 3,3'-Dichlorobenzidine
 Concen: 25.467 ng
 RT: 22.47 min Scan# 3266
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.8	76.2
126	12.8	7.4	11.2

Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:26:24 PM

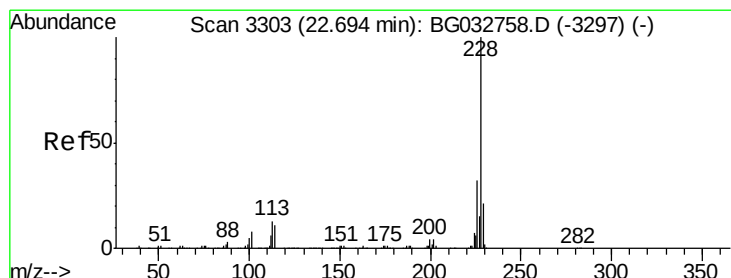
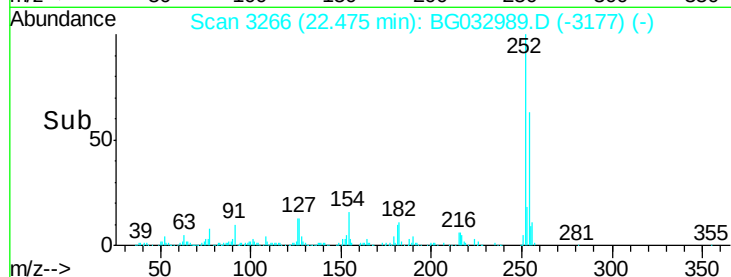
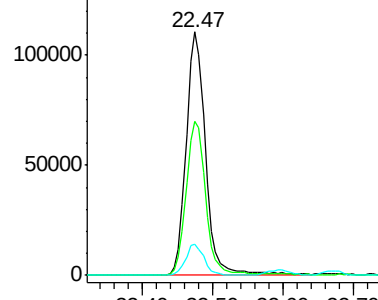


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 44.199 ng
 RT: 22.67 min Scan# 3299
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

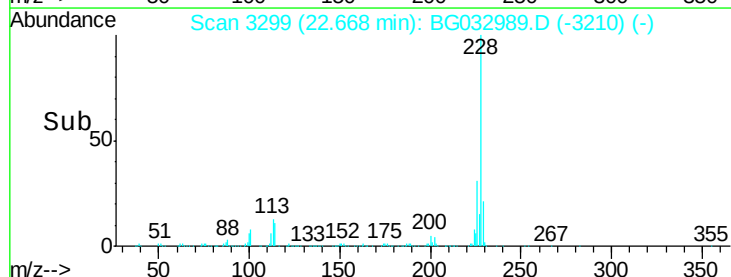
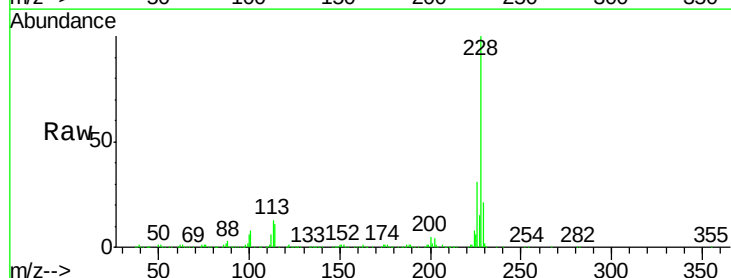
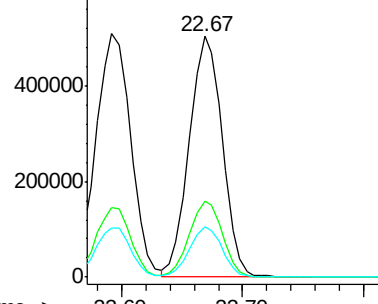
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.8	15.0	22.4

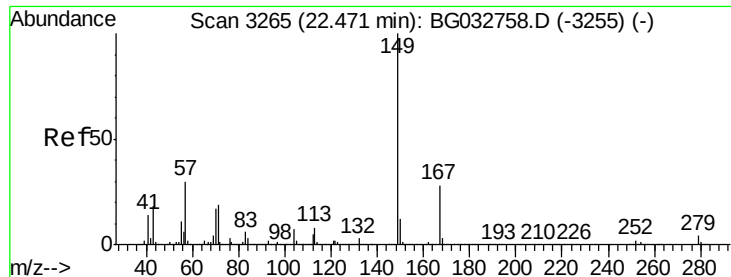
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.323 ng

RT: 22.42 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampleId :

B21MSD

Tot Ion:149 Resp: 770118

Ion Ratio Lower Upper

149 100

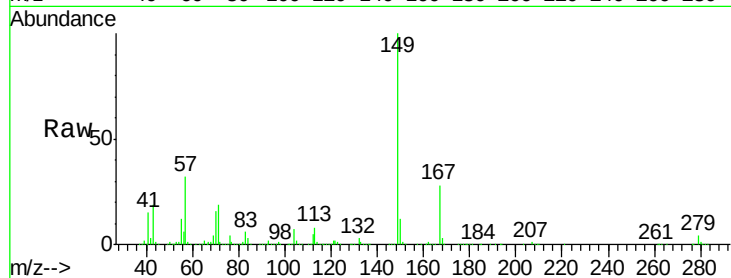
167 27.9 24.3 36.5

279 4.0 4.0 6.0#

Manual Integrations
APPROVED

Sohil

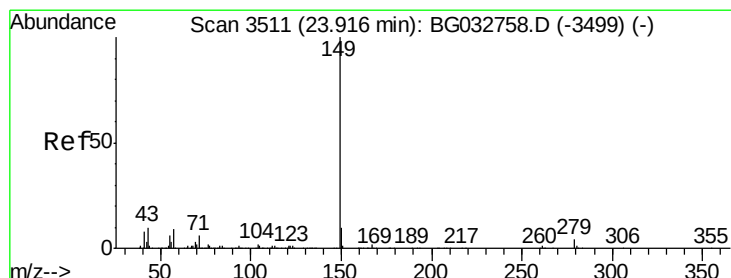
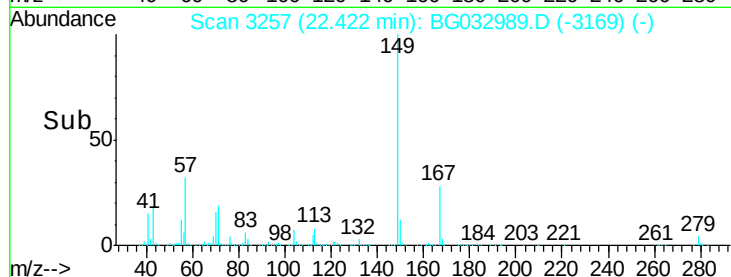
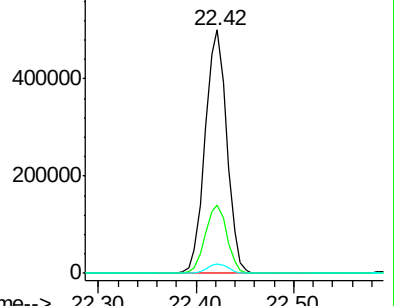
3/6/2018 4:26:24 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.968 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

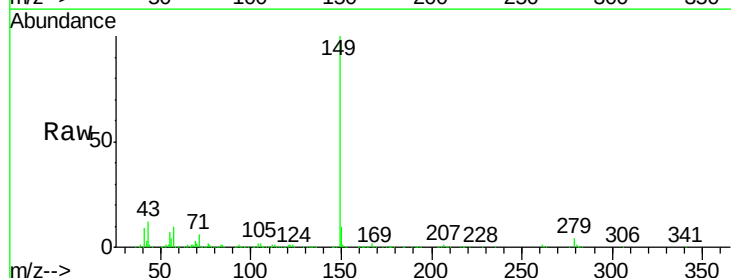
Tgt Ion:149 Resp: 1313871

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

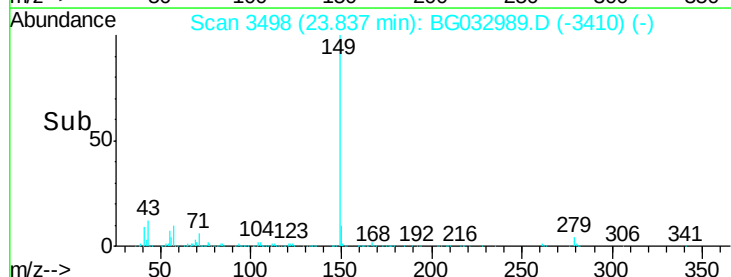
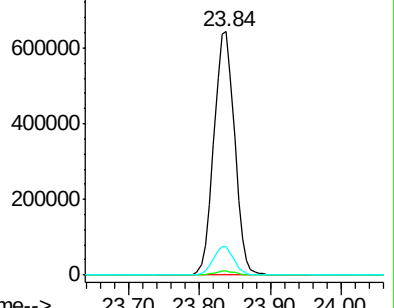
43 11.5 8.9 13.3

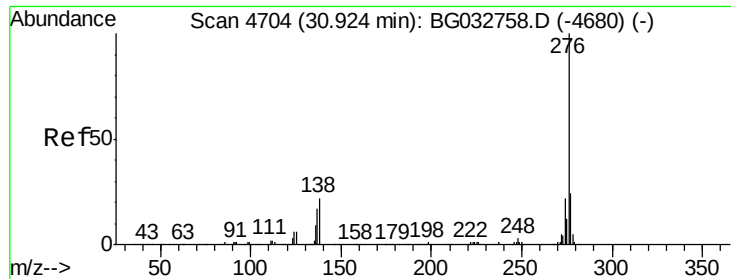


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





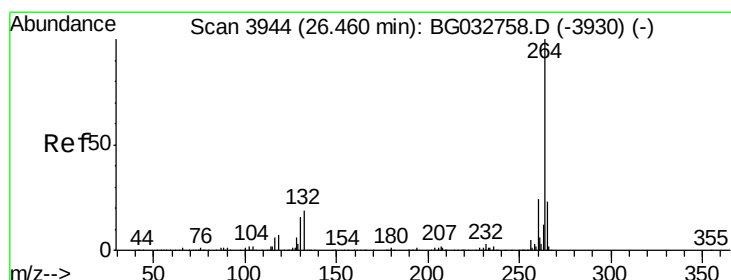
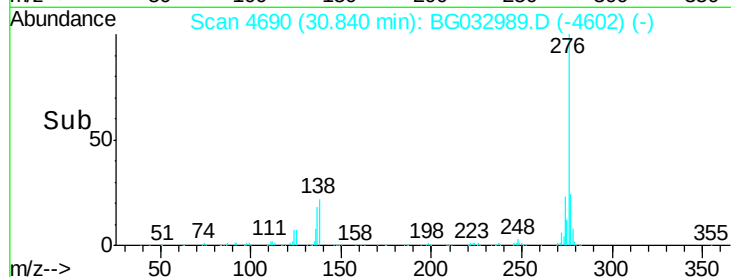
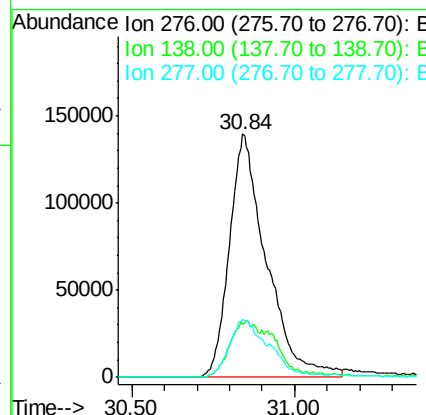
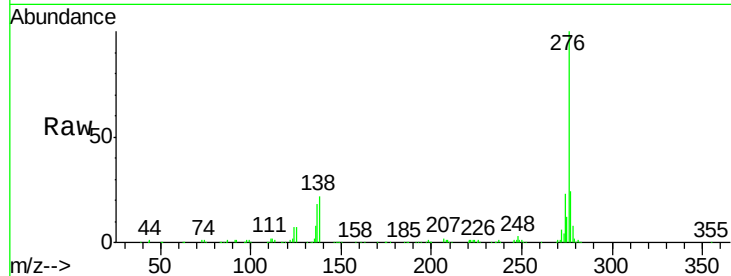
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.860 ng
 RT: 30.84 min Scan# 4690
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	16.0	24.0
277	19.6	20.0	30.0

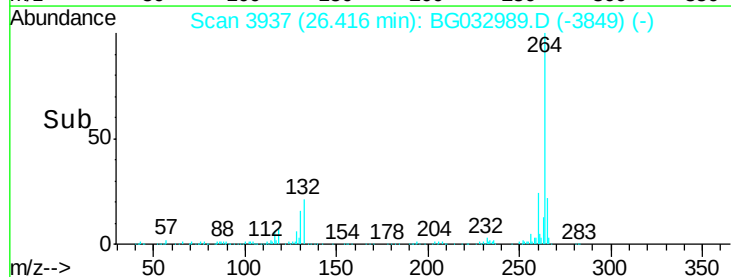
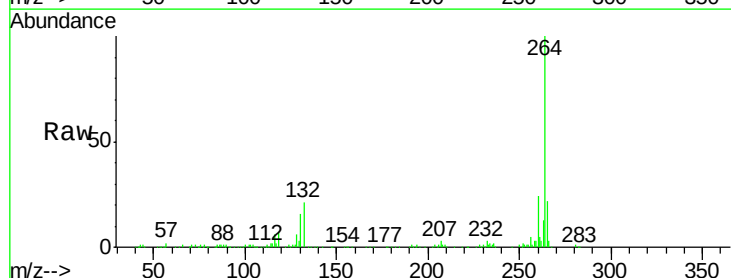
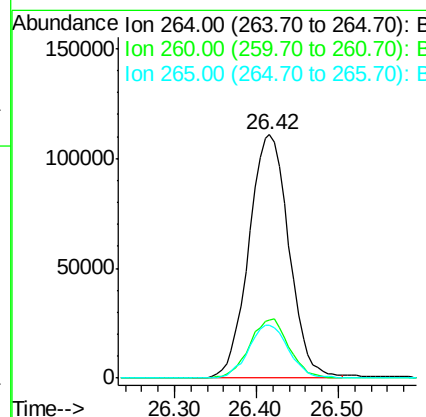
Manual Integrations
 APPROVED

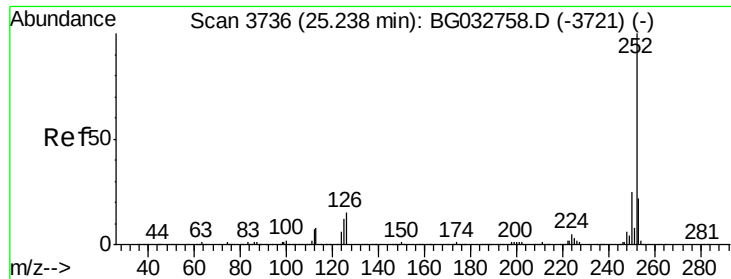
Sohil
 3/6/2018 4:26:24 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.42 min Scan# 3937
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.7	17.7	26.5





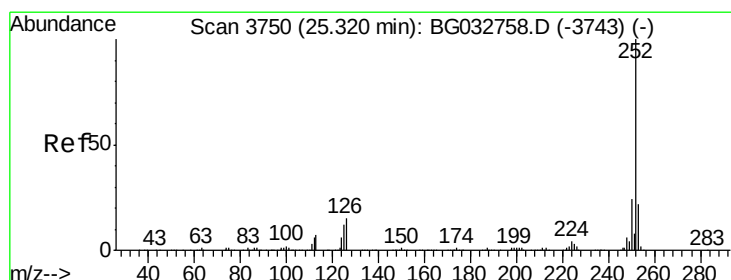
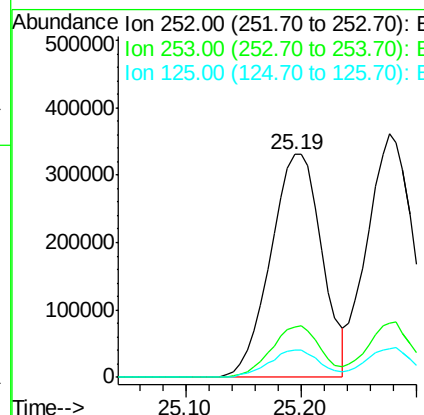
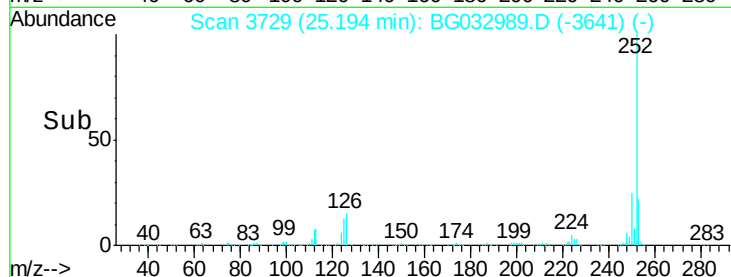
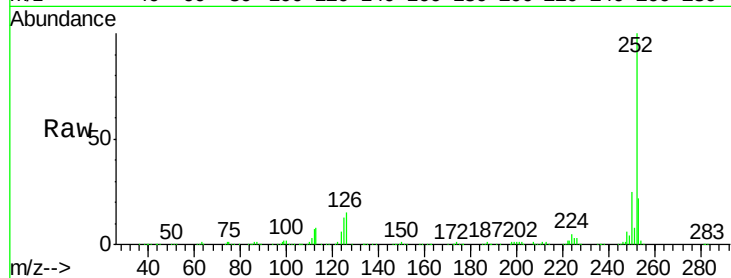
#87
Benzo(b)fluoranthene
Concen: 45.857 ng
RT: 25.19 min Scan# 3729
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	12.5	7.2	10.8

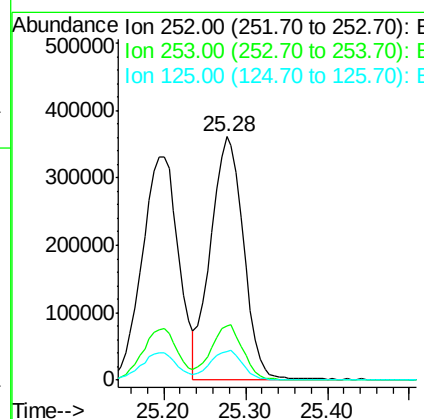
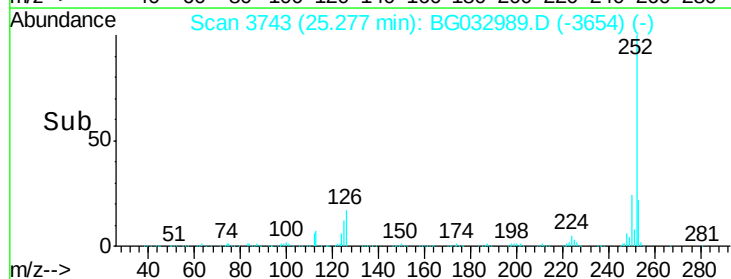
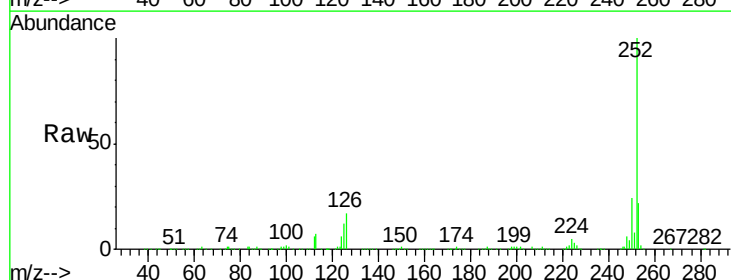
Manual Integrations
APPROVED

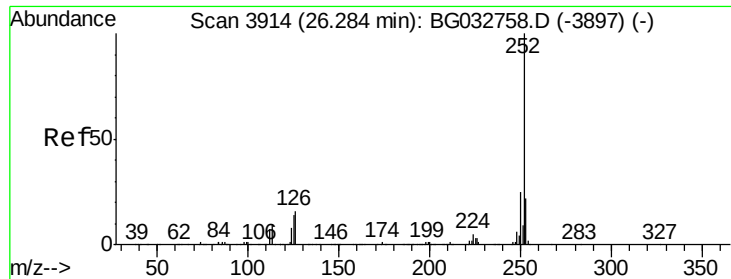
Sohil
3/6/2018 4:26:24 PM



#88
Benzo(k)fluoranthene
Concen: 45.254 ng
RT: 25.28 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.7	6.6	9.8





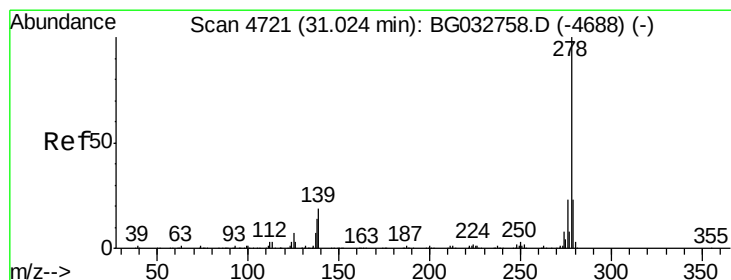
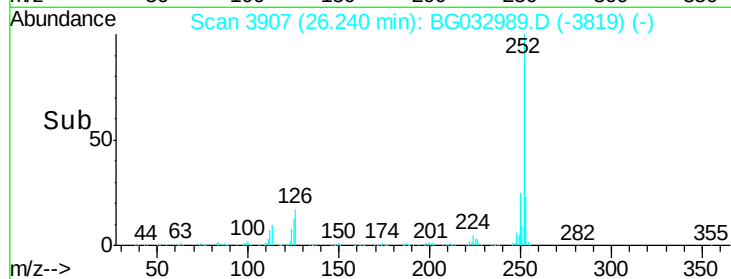
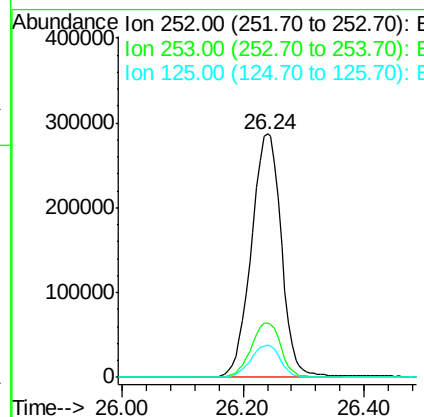
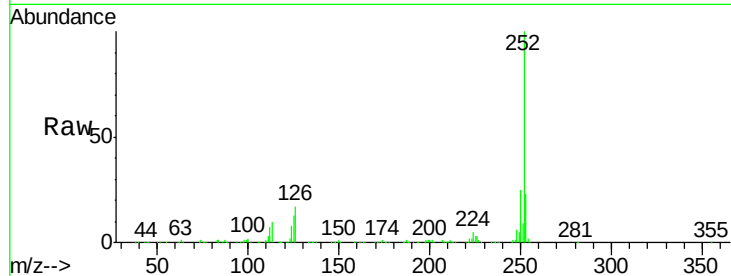
#89
Benzo(a)pyrene
Concen: 46.542 ng
RT: 26.24 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :
B21MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	13.4	7.3	10.9

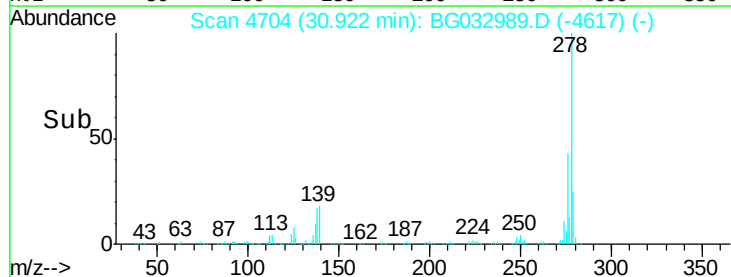
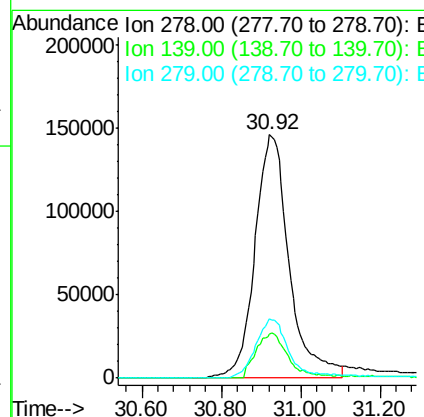
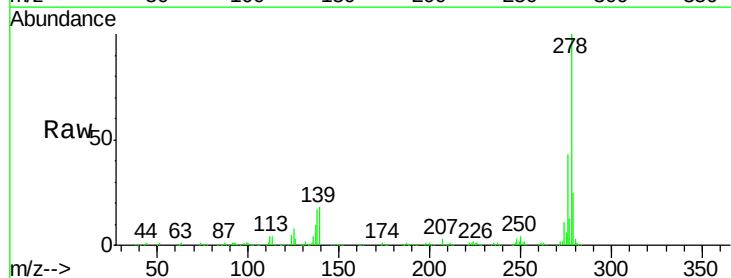
Manual Integrations
APPROVED

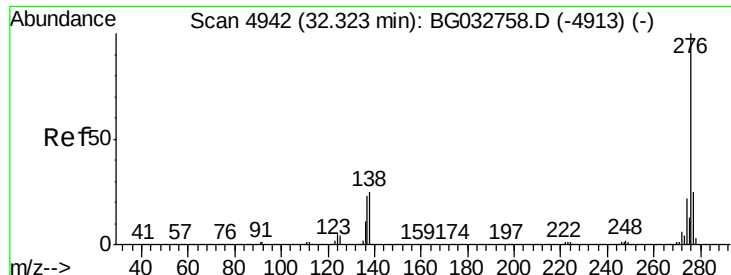
Sohil
3/6/2018 4:26:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.144 ng
RT: 30.92 min Scan# 4704
Delta R.T. -0.02 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	9.8	14.6
279	24.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.654 ng
 RT: 32.24 min Scan# 4928
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :
 B21MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	25.5	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:26:24 PM

