

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032252.D
 Acq On : 24 Jan 2018 8:41
 Operator : SJ/JU
 Sample : J1249-03MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-2(0-2)MS

Manual Integrations
 APPROVED

Sohil
 1/24/2018 2:49:24 PM

Quant Time: Jan 24 10:10:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 10:00:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	43233	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	182112	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	129128	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	328624	20.00	ng	0.00
75) Chrysene-d12	22.43	240	408513	20.00	ng	0.00
86) Perylene-d12	26.11	264	453096	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.16	112	305351	129.18	ng	0.00
7) Phenol-d6	7.84	99	384762	129.24	ng	0.00
23) Nitrobenzene-d5	9.92	82	232499	86.37	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	227658	106.54	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	791989	76.05	ng	0.00
78) Terphenyl-d14	20.63	244	1367341	73.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	26104	28.744	ng	# 73
3) Pyridine	4.27	79	47623	19.646	ng	# 83
4) n-Nitrosodimethylamine	4.18	42	43063	50.566	ng	# 85
6) Aniline	8.02	93	41824	11.138	ng	# 98
8) 2-Chlorophenol	8.28	128	121310	45.862	ng	# 80
9) Benzaldehyde	7.82	77	58100	33.683	ng	# 83
10) Phenol	7.87	94	147773	50.389	ng	# 94
11) bis(2-Chloroethyl)ether	8.11	93	91225	38.827	ng	# 85
12) 1,3-Dichlorobenzene	8.61	146	129942m	37.535	ng	# 91
13) 1,4-Dichlorobenzene	8.76	146	133751	38.371	ng	# 94
14) 1,2-Dichlorobenzene	9.09	146	129302	38.353	ng	# 95
15) Benzyl Alcohol	8.96	79	102625	47.451	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	9.26	45	86564	36.253	ng	# 95
17) 2-Methylphenol	9.16	107	96046	42.854	ng	# 85
18) Hexachloroethane	9.85	117	42807	39.959	ng	# 89
19) n-Nitroso-di-n-propylamine	9.54	70	75280	40.754	ng	# 95
20) 3+4-Methylphenols	9.50	107	131656	42.404	ng	# 92
22) Acetophenone	9.57	105	164703	39.815	ng	# 88
24) Nitrobenzene	9.97	77	117225	43.659	ng	# 84
25) Isophorone	10.49	82	211434	42.183	ng	# 84
26) 2-Nitrophenol	10.70	139	72420	45.520	ng	# 95
27) 2,4-Dimethylphenol	10.73	122	123066	48.745	ng	# 97
28) bis(2-Chloroethoxy)methane	10.97	93	126983	42.049	ng	# 88
29) 2,4-Dichlorophenol	11.23	162	151351	48.720	ng	# 98
30) 1,2,4-Trichlorobenzene	11.46	180	163955	40.866	ng	# 99
31) Naphthalene	11.66	128	355368	39.392	ng	# 95
33) 4-Chloroaniline	11.75	127	52288	13.516	ng	# 97
34) Hexachlorobutadiene	11.93	225	114402	39.700	ng	# 50
35) Caprolactam	12.50	113	35604	37.778	ng	# 89
36) 4-Chloro-3-methylphenol	12.83	107	135703	47.724	ng	# 96
37) 2-Methylnaphthalene	13.22	142	296929	41.457	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	228733	40.637	ng	# 92
40) Hexachlorocyclopentadiene	13.55	237	224270	70.742	ng	# 98
42) 2,4,6-Trichlorophenol	13.81	196	139598	44.140	ng	# 98

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032252.D
 Acq On : 24 Jan 2018 8:41
 Operator : SJ/JU
 Sample : J1249-03MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-2(0-2)MS

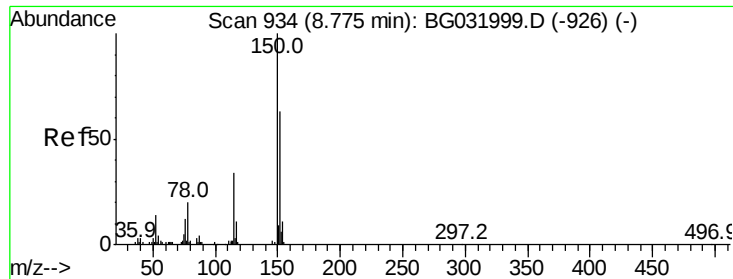
Manual Integrations
 APPROVED

Sohil
 1/24/2018 2:49:24 PM

Quant Time: Jan 24 10:10:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 10:00:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.88	196	148357	40.526	nq	# 89
45) 1,1'-Biphenyl	14.20	154	421840	38.107	nq	95
46) 2-Chloronaphthalene	14.25	162	333246	38.697	nq	98
47) 2-Nitroaniline	14.45	65	79714	48.353	nq	# 74
48) Acenaphthylene	15.09	152	485097	36.991	nq	99
49) Dimethylphthalate	14.79	163	528063	46.732	nq	# 99
50) 2,6-Dinitrotoluene	14.92	165	99493	42.420	nq	# 74
51) Acenaphthene	15.43	154	308735	35.604	nq	97
52) 3-Nitroaniline	15.25	138	60879	28.739	nq	# 68
53) 2,4-Dinitrophenol	15.46	184	1440	8.081	nq	# 33
54) Dibenzofuran	15.76	168	514610	39.783	nq	99
55) 4-Nitrophenol	15.53	139	104450	67.658	nq	# 80
56) 2,4-Dinitrotoluene	15.70	165	138943	44.001	nq	# 65
57) Fluorene	16.40	166	407972	38.455	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.97	232	134108	39.601	nq	# 83
59) Diethylphthalate	16.13	149	422808	38.596	nq	98
60) 4-Chlorophenyl-phenylether	16.38	204	261595	40.196	nq	93
61) 4-Nitroaniline	16.41	138	87246	42.935	nq	87
62) Azobenzene	16.67	77	273380	39.871	nq	86
64) 4,6-Dinitro-2-methylphenol	16.46	198	6372	7.605	nq	# 77
65) n-Nitrosodiphenylamine	16.59	169	385852	38.694	nq	99
66) 4-Bromophenyl-phenylether	17.27	248	185396	39.651	nq	94
67) Hexachlorobenzene	17.40	284	185492	35.858	nq	# 92
68) Atrazine	17.51	200	173230	41.308	nq	96
69) Pentachlorophenol	17.73	266	56753	17.164	nq	96
70) Phenanthrene	18.14	178	678174	37.066	nq	98
71) Anthracene	18.23	178	702132	38.476	nq	98
72) Carbazole	18.49	167	605709	38.262	nq	99
73) Di-n-butylphthalate	18.99	149	650365	34.768	nq	99
74) Fluoranthene	20.10	202	880094	38.418	nq	95
76) Benzdine	20.26	184	69735	6.826	nq	98
77) Pyrene	20.46	202	886393	34.516	nq	99
79) Butylbenzylphthalate	21.32	149	309162	33.601	nq	# 77
80) Benzo(a)anthracene	22.41	228	951960	37.470	nq	99
81) 3,3'-Dichlorobenzidine	22.30	252	231635	24.407	nq	# 95
82) Chrysene	22.48	228	893817	36.634	nq	98
83) Bis(2-ethylhexyl)phthalate	22.25	149	435174	32.253	nq	# 98
84) Di-n-octyl phthalate	23.62	149	767569	35.819	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.38	276	1019387	34.140	nq	# 74
87) Benzo(b)fluoranthene	24.93	252	971932	35.489	nq	# 95
88) Benzo(k)fluoranthene	25.01	252	999749	37.357	nq	# 96
89) Benzo(a)pyrene	25.94	252	960652	37.080	nq	# 96
90) Dibenzo(a,h)anthracene	30.46	278	895092	35.853	nq	# 95
91) Benzo(g,h,i)perylene	31.73	276	835592	32.747	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

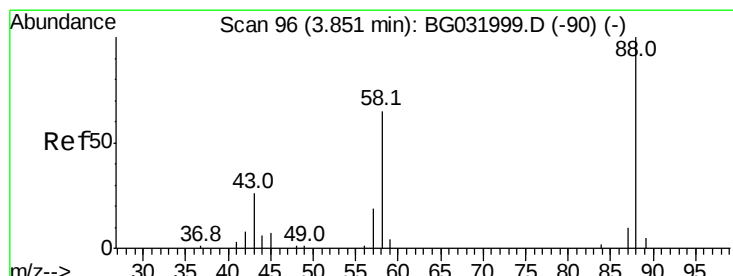
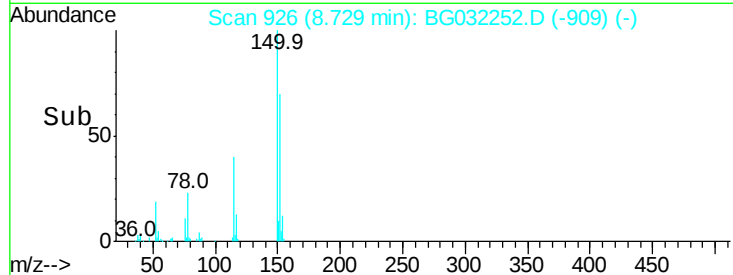
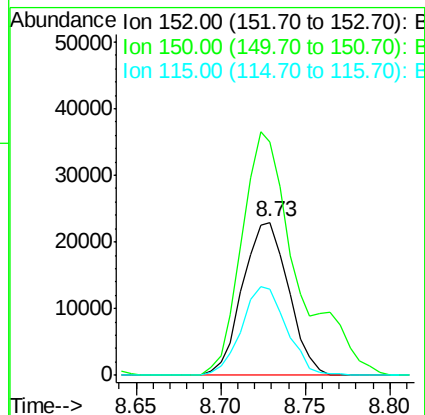
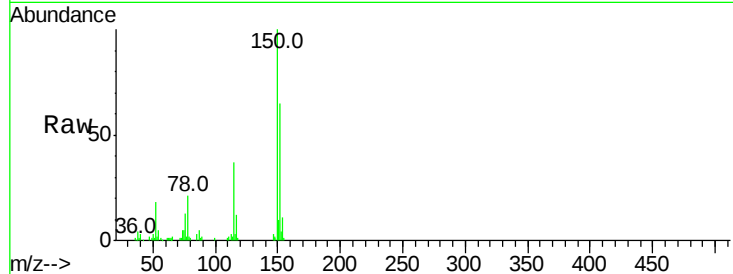
ClientSampleId :

AB-2(0-2)MS

Tot Ion:	152	Resp:	43233
Ion Ratio	Lower	Upper	
152	100		
150	152.7	126.6	189.8
115	56.3	53.0	79.4

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#2

1,4-Dioxane

Concen: 28.744 ng

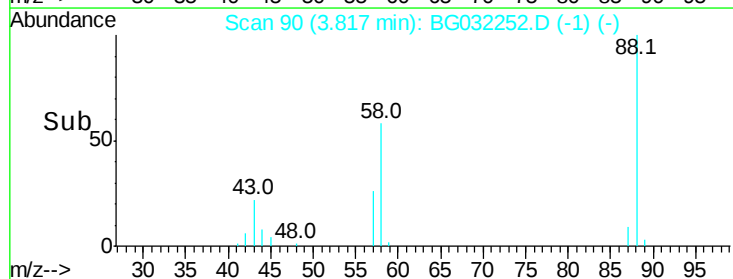
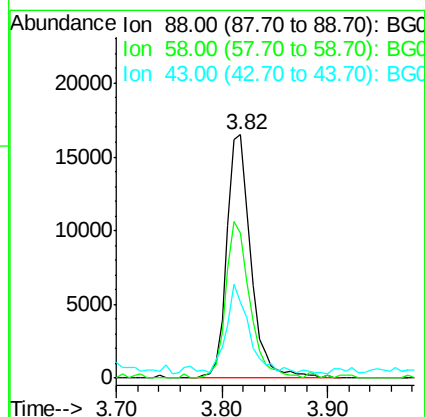
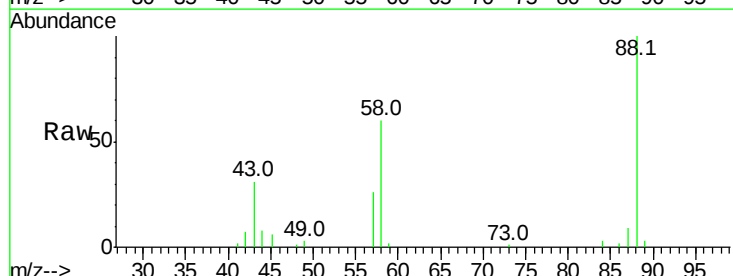
RT: 3.82 min Scan# 90

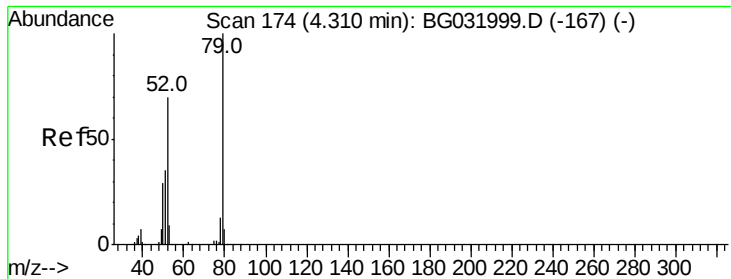
Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion:	88	Resp:	26104
Ion Ratio	Lower	Upper	
88	100		
58	64.1	79.6	119.4#
43	33.2	27.4	41.0





#3

Pvridine

Concen: 19.646 ng

RT: 4.27 min Scan# 167

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

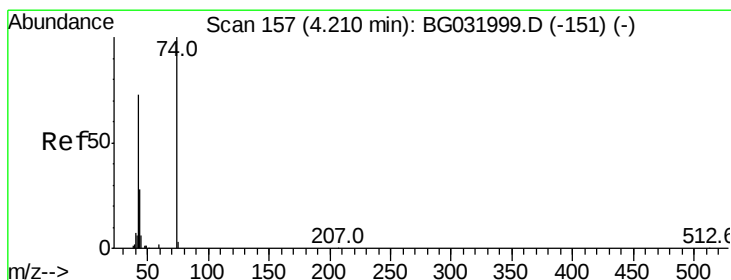
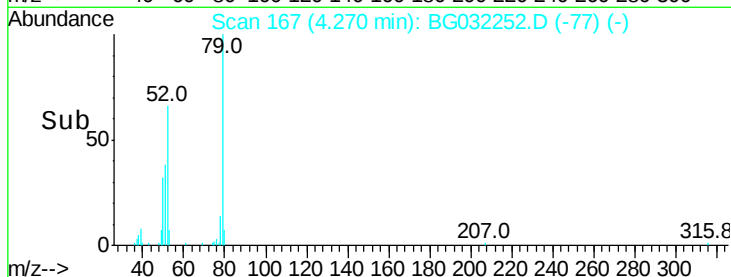
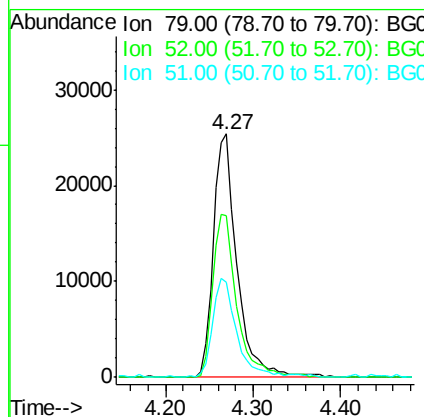
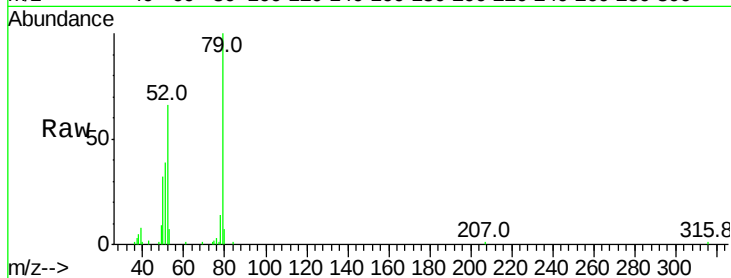
ClientSampleId :

AB-2(0-2)MS

Tot Ion:	79	Resp:	47623
Ion Ratio	Lower	Upper	
79	100		
52	66.3	69.9	104.9#
51	39.2	34.0	51.0

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#4

n-Nitrosodimethylamine

Concen: 50.566 ng

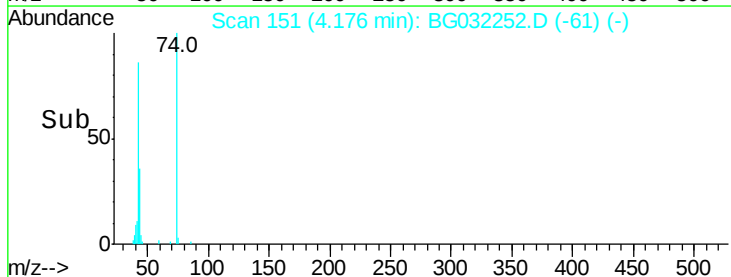
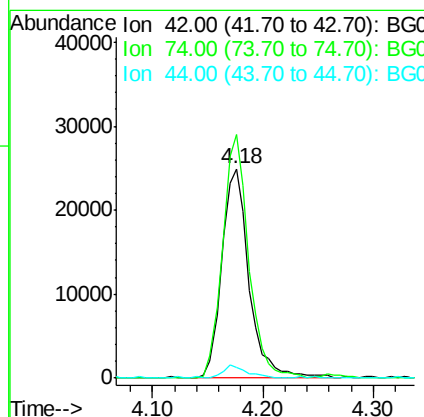
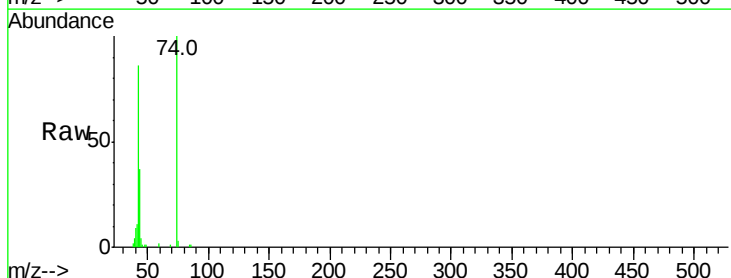
RT: 4.18 min Scan# 151

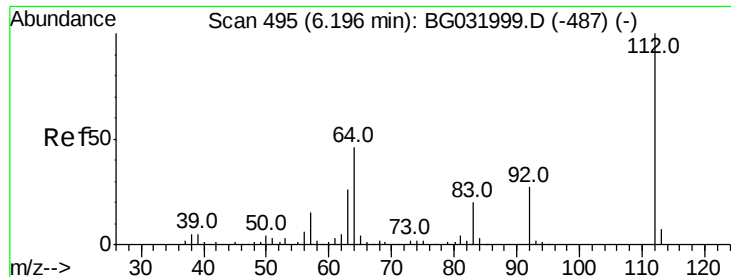
Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion:	42	Resp:	43063
Ion Ratio	Lower	Upper	
42	100		
74	116.1	102.5	153.7
44	5.1	18.9	28.3#





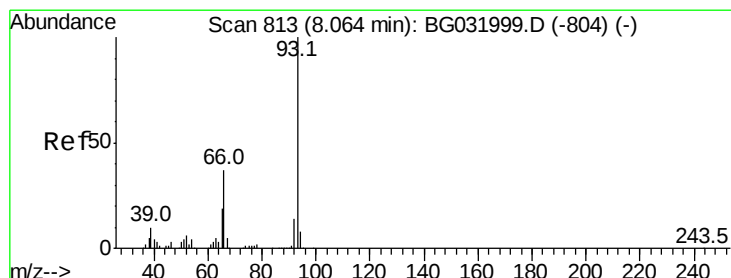
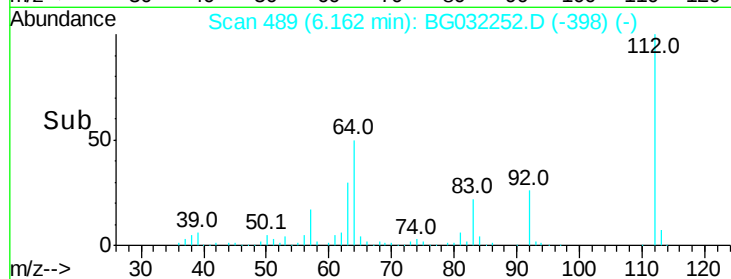
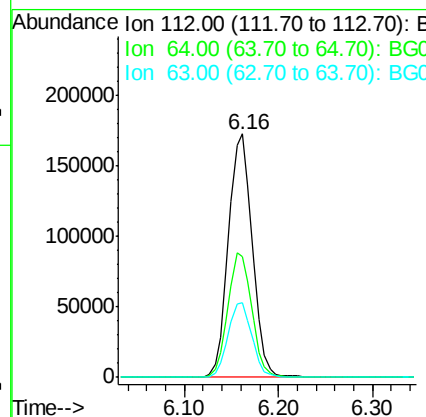
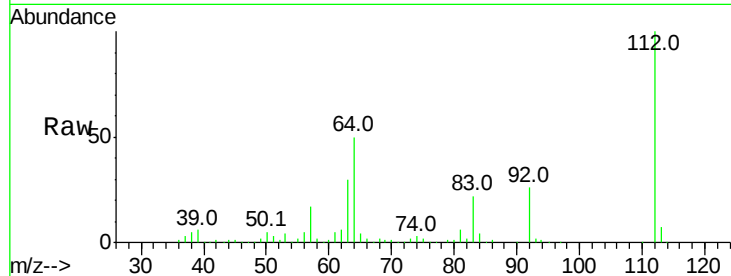
#5
2-Fluorophenol
Concen: 129.176 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampled :
AB-2(0-2)MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	49.6	56.3	84.5#
63	30.5	30.1	45.1

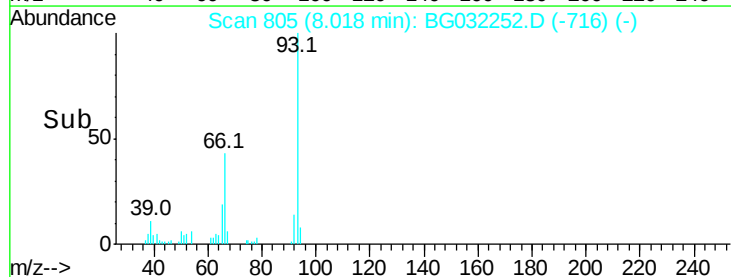
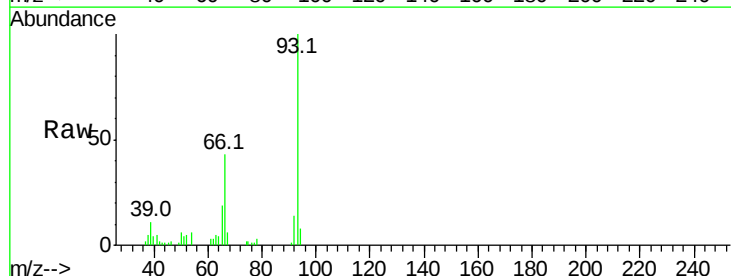
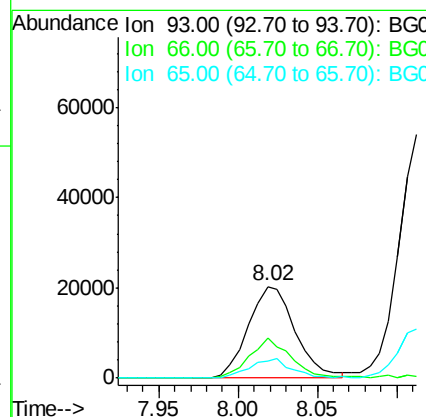
Manual Integrations
APPROVED

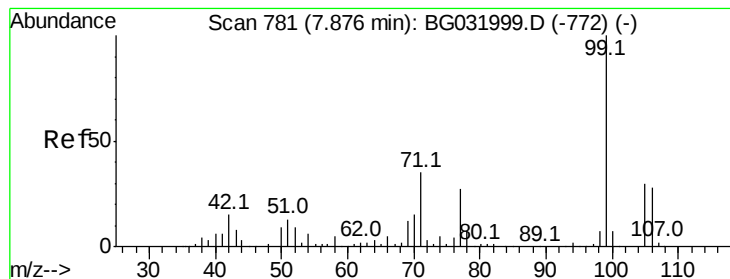
Sohil
1/24/2018 2:49:24 PM



#6
Aniline
Concen: 11.138 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	43.4	33.7	50.5
65	18.9	16.1	24.1





#7

Phenol-d6

Concen: 129.240 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

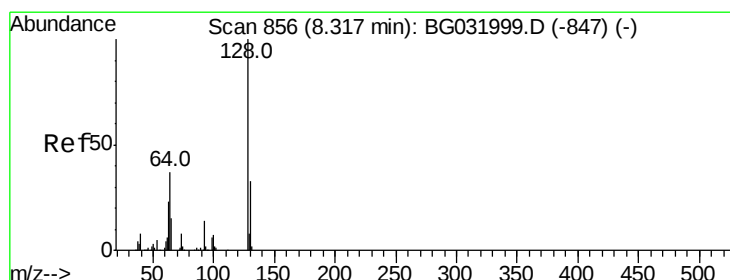
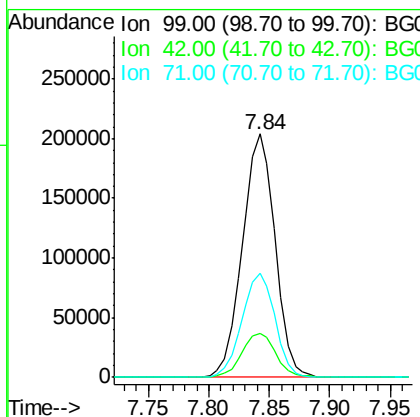
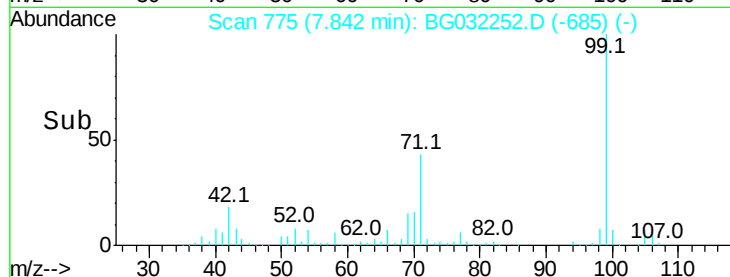
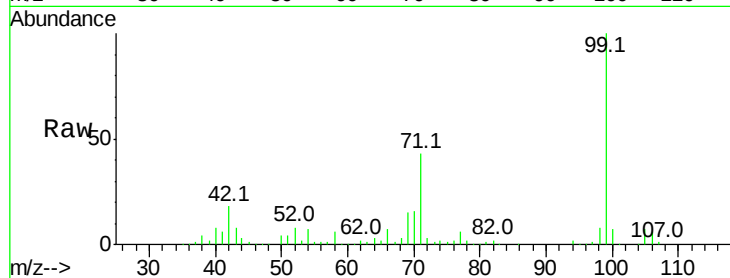
ClientSampled :

AB-2(0-2)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		384762		
42	17.9	14.1	21.1		
71	43.0	26.1	39.1#		

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#8

2-Chlorophenol

Concen: 45.862 ng

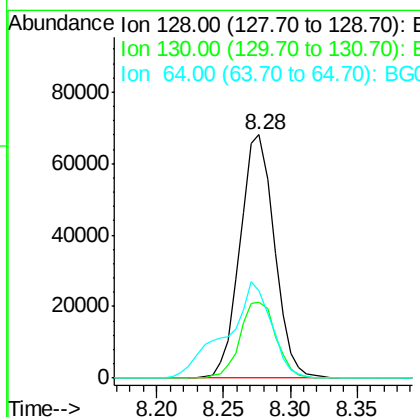
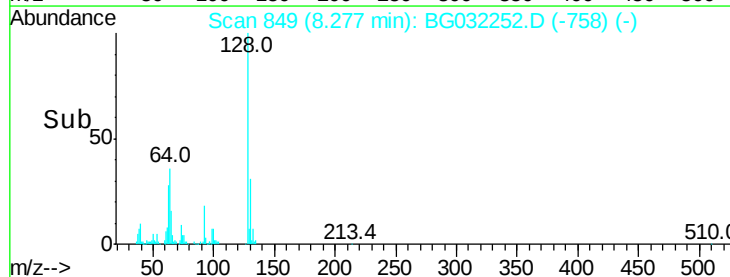
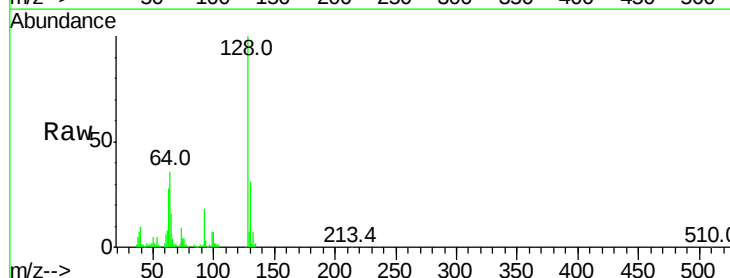
RT: 8.28 min Scan# 849

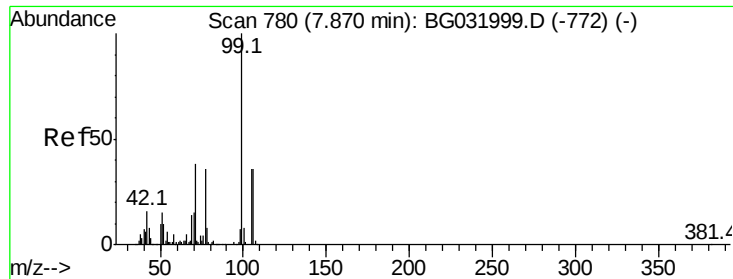
Delta R.T. 0.01 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		121310		
130	31.4	14.0	54.0		
64	36.1	37.7	77.7#		





#9

Benzaldehyde

Concen: 33.683 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.01 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

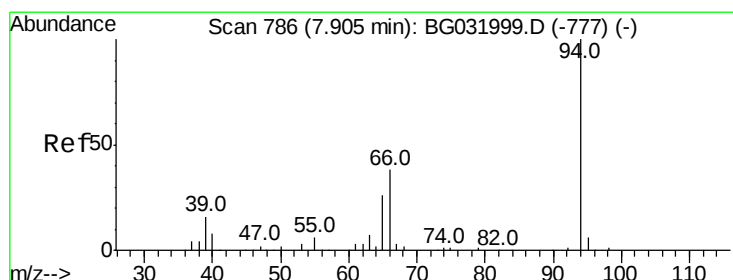
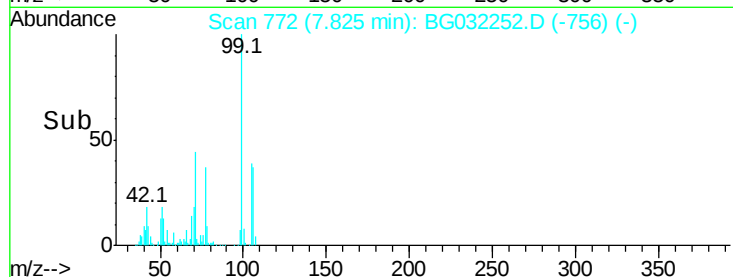
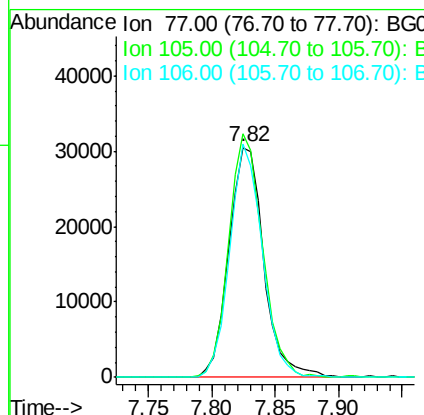
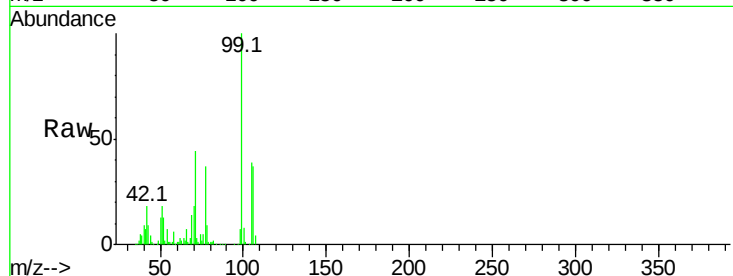
ClientSampleId :

AB-2(0-2)MS

Tot Ion:	77	Resp:	58100
Ion	Ratio	Lower	Upper
77	100		
105	105.9	71.3	111.3
106	101.8	64.2	104.2

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#10

Phenol

Concen: 50.389 ng

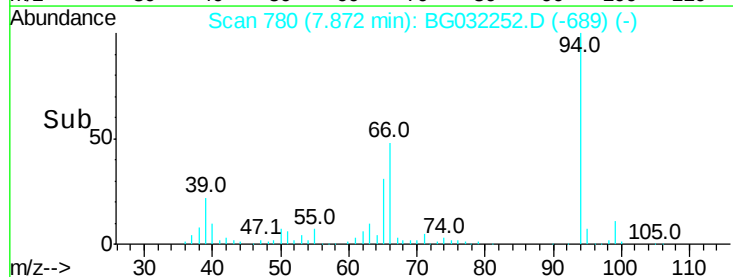
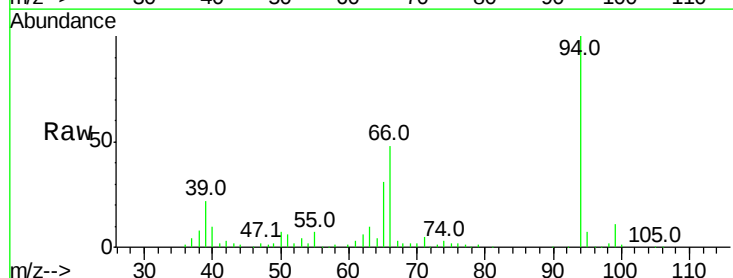
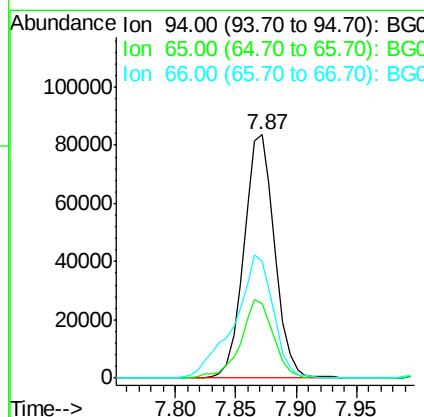
RT: 7.87 min Scan# 780

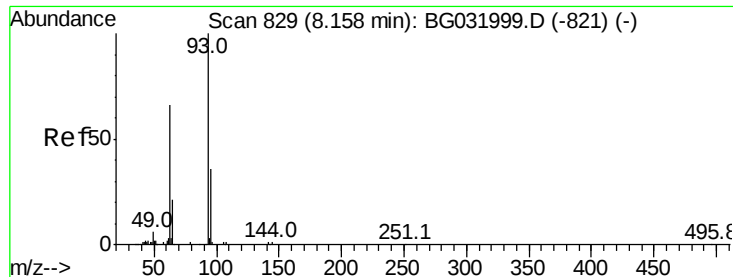
Delta R.T. 0.01 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion:	94	Resp:	147773
Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.9	51.9
66	48.0	22.2	62.2





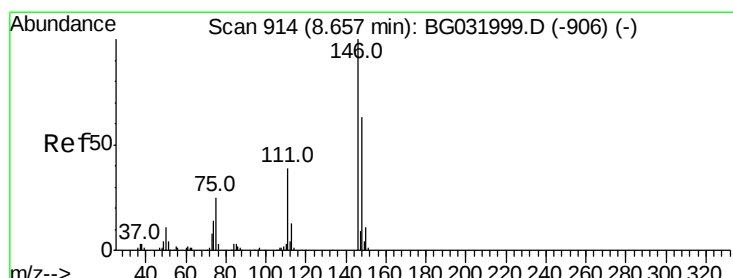
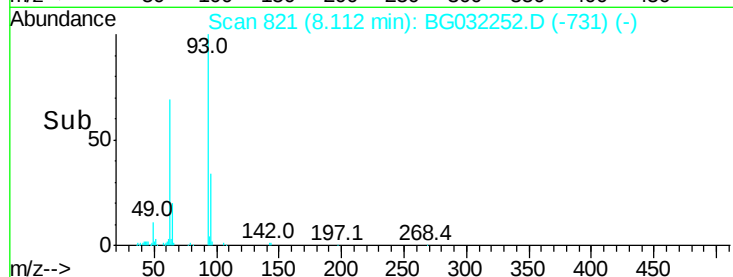
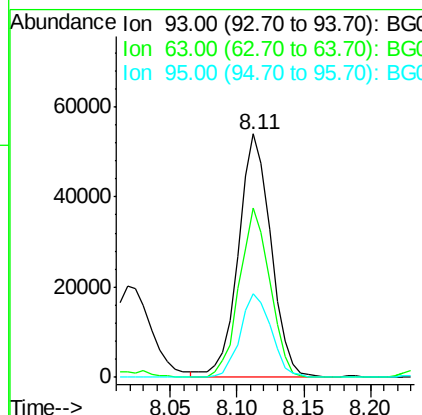
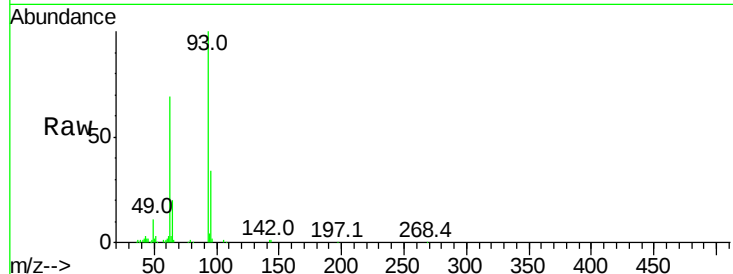
#11
bis(2-Chloroethyl)ether
Concen: 38.827 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.5	67.1	107.1
95	34.4	11.5	51.5

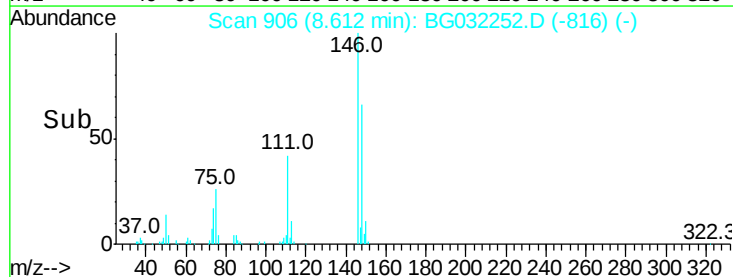
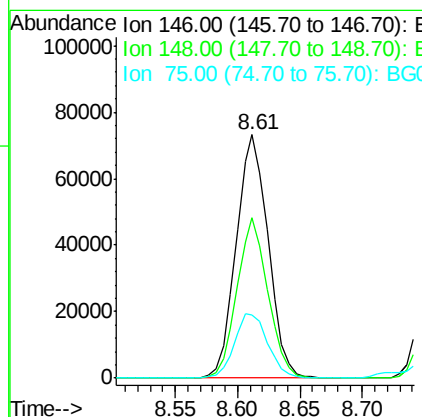
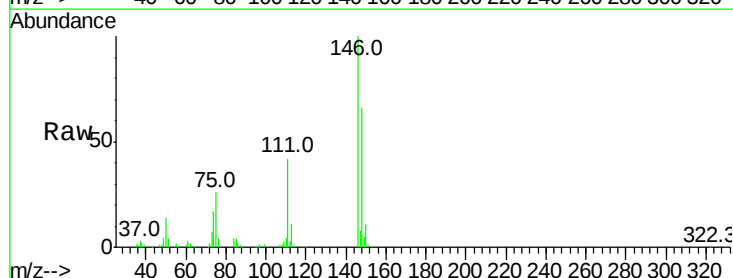
Manual Integrations
APPROVED

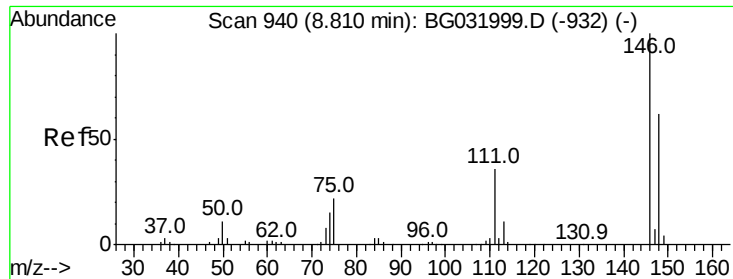
Sohil
1/24/2018 2:49:24 PM



#12
1,3-Dichlorobenzene
Concen: 37.535 ng m
RT: 8.61 min Scan# 906
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
75	26.2	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 38.371 ng

RT: 8.76 min Scan# 931

Delta R.T. -0.01 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

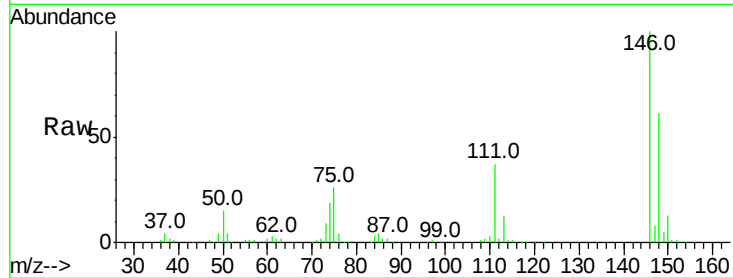
ClientSampleId :

AB-2(0-2)MS

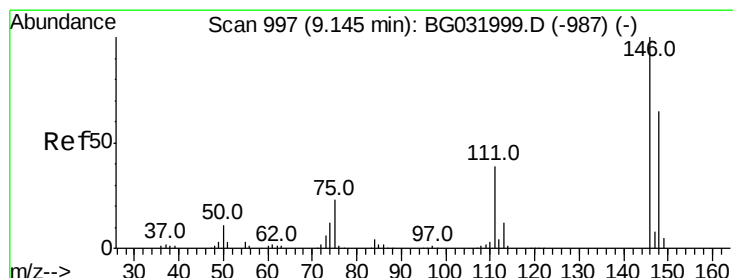
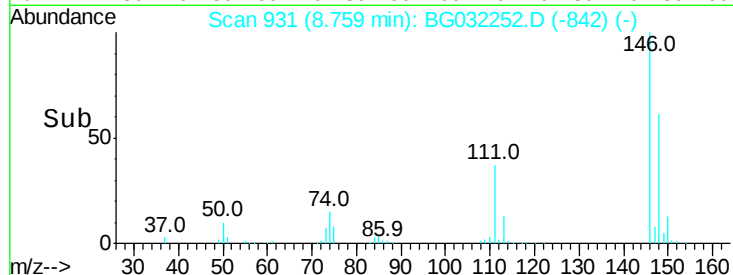
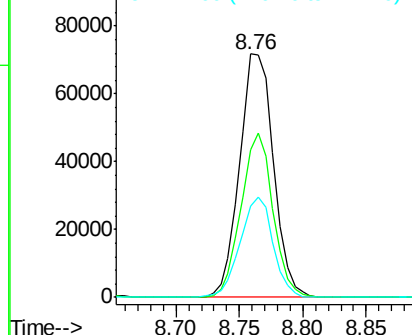
Tot Ion:	146	Resp:	133751
Ion Ratio	Lower	Upper	
146	100		
148	60.8	53.7	80.5
111	37.3	35.2	52.8

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.353 ng

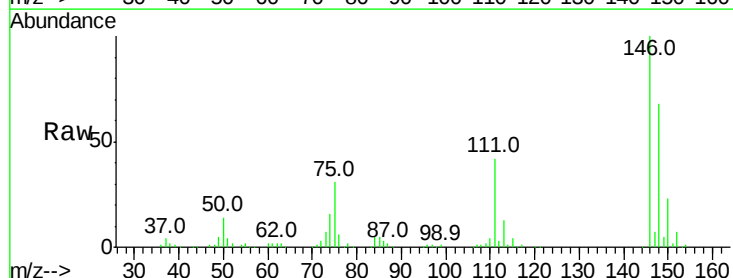
RT: 9.09 min Scan# 988

Delta R.T. 0.00 min

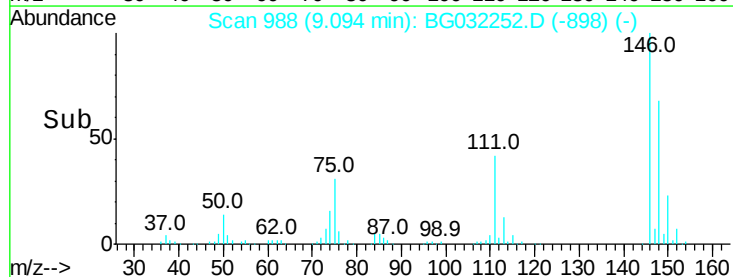
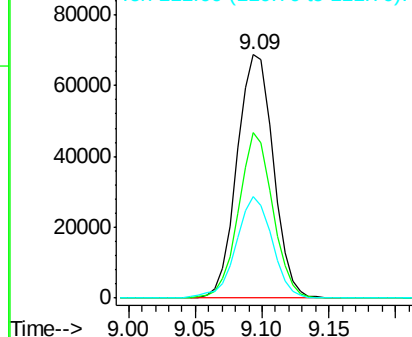
Lab File: BG032252.D

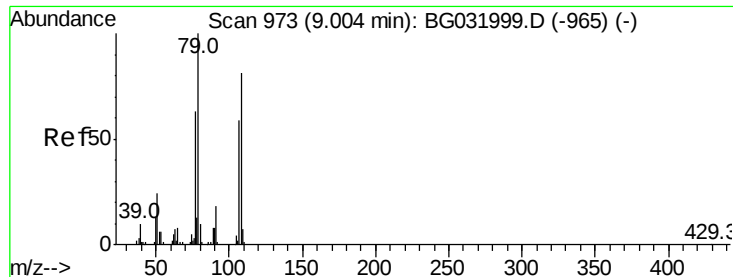
Acq: 24 Jan 2018 8:41

Tgt Ion:	146	Resp:	129302
Ion Ratio	Lower	Upper	
146	100		
148	67.9	49.3	73.9
111	41.6	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.451 ng

RT: 8.96 min Scan# 966

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

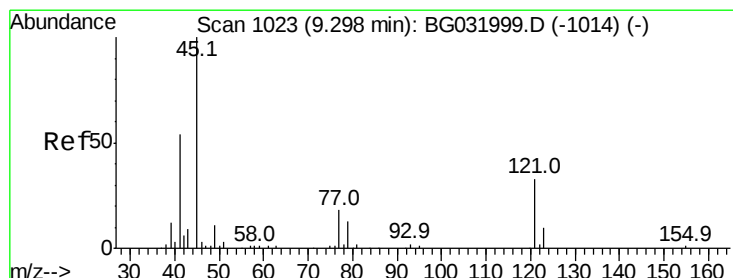
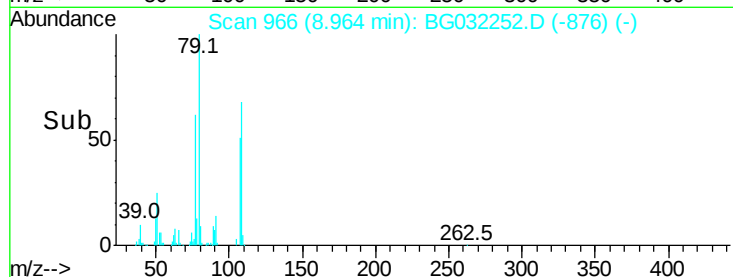
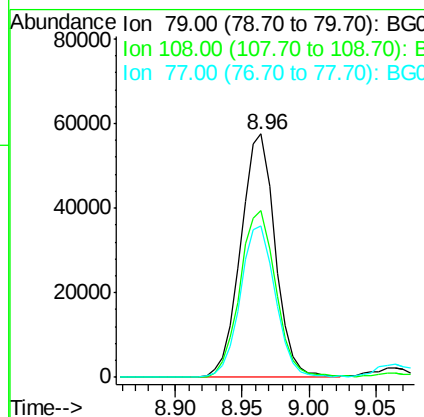
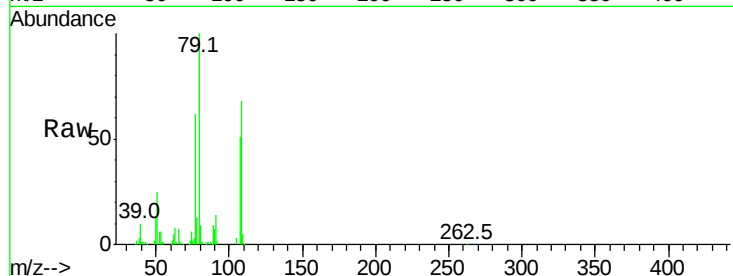
ClientSampleId :

AB-2(0-2)MS

Tot Ion:	79	Resp:	102625
Ion Ratio	Lower	Upper	
79	100		
108	68.4	57.2	85.8
77	62.0	46.1	69.1

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.253 ng

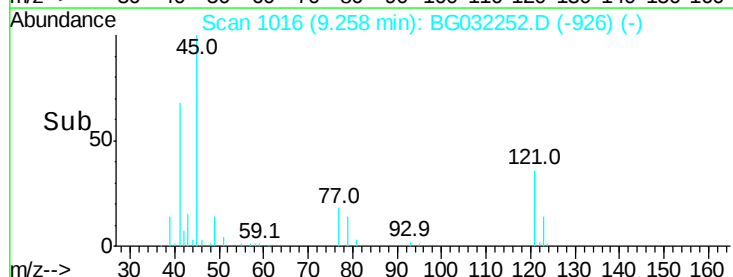
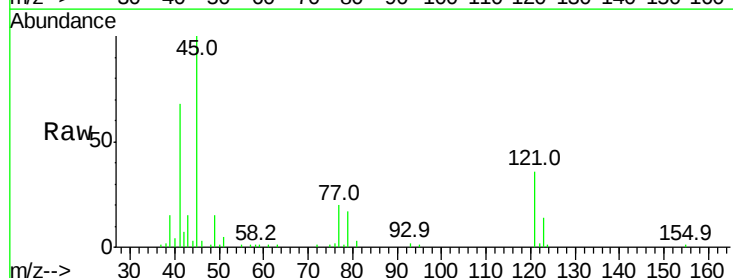
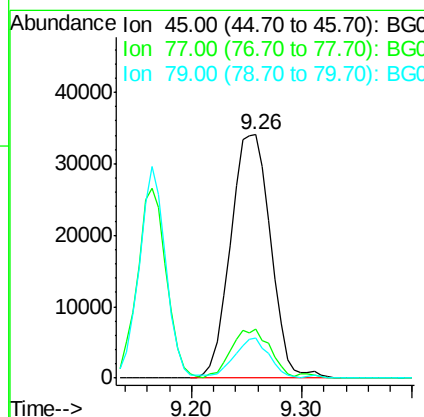
RT: 9.26 min Scan# 1016

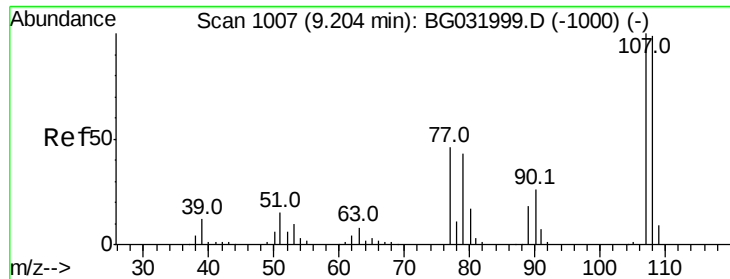
Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion:	45	Resp:	86564
Ion Ratio	Lower	Upper	
45	100		
77	20.0	0.0	30.2
79	16.6	0.0	27.9





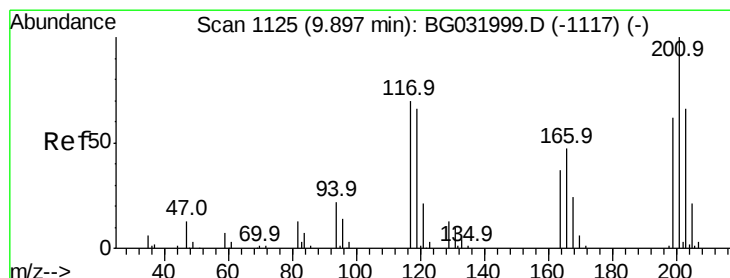
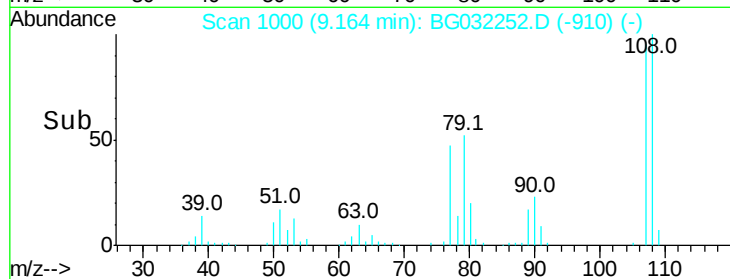
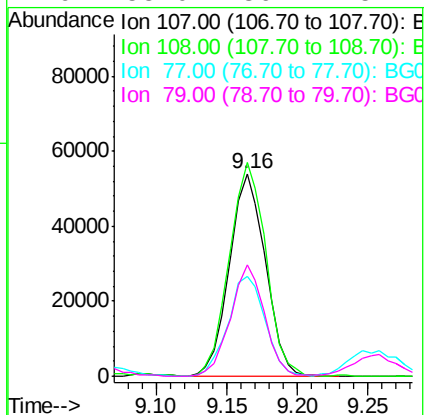
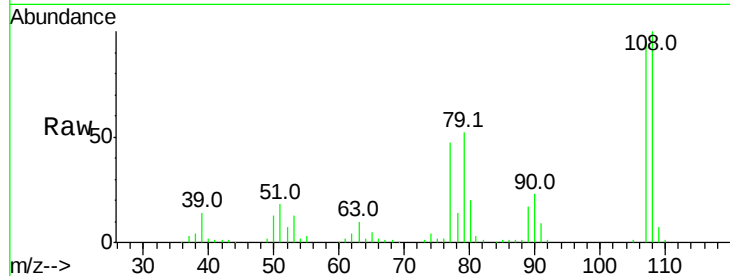
#17
2-Methylphenol
Concen: 42.854 ng
RT: 9.16 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.4	83.9	125.9
77	49.3	37.2	55.8
79	55.0	36.2	54.2

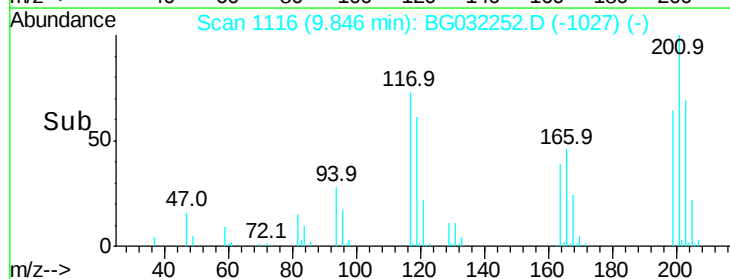
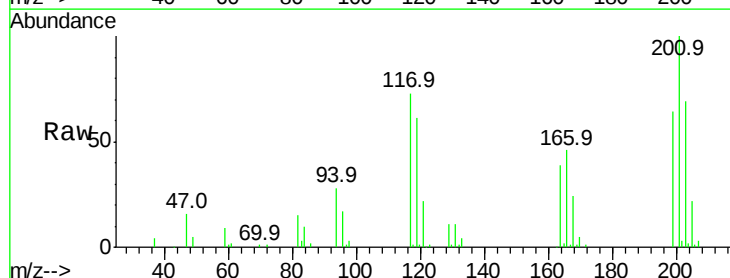
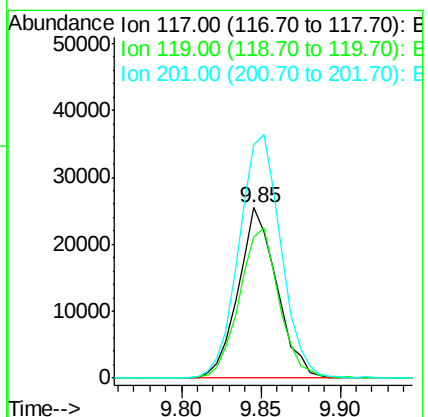
Manual Integrations
APPROVED

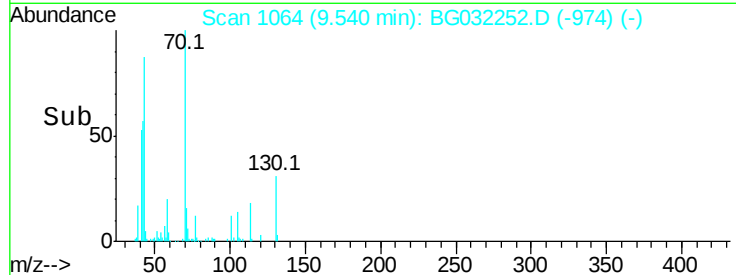
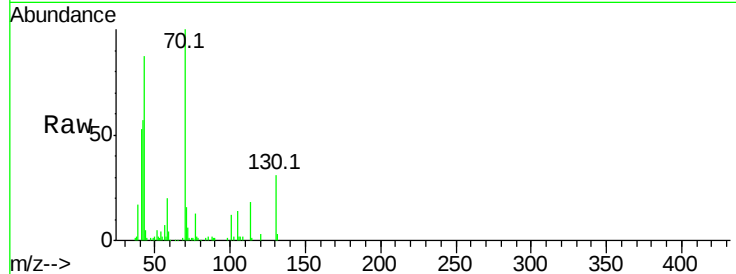
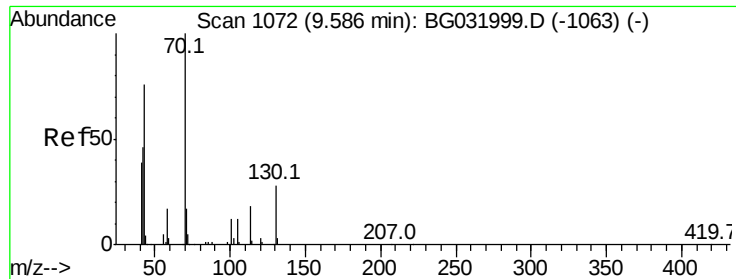
Sohil
1/24/2018 2:49:24 PM



#18
Hexachloroethane
Concen: 39.959 ng
RT: 9.85 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	82.9	76.7	115.1
201	137.0	95.7	143.5





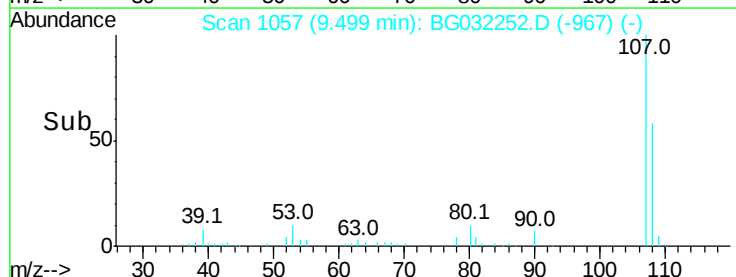
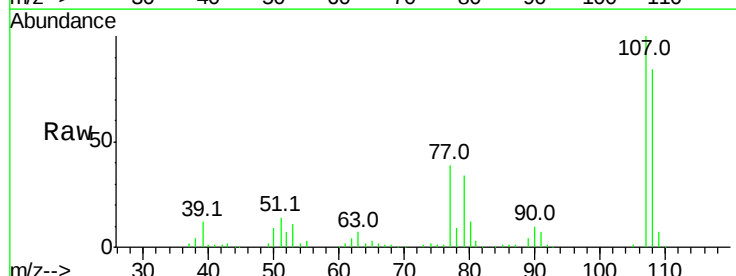
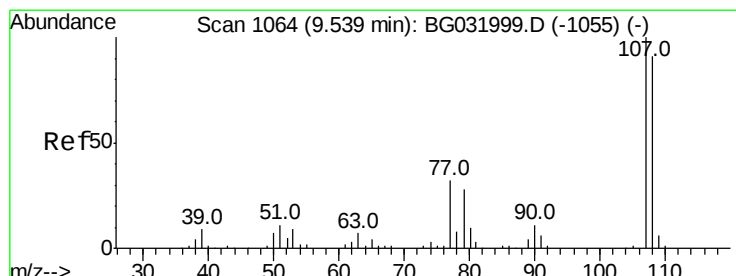
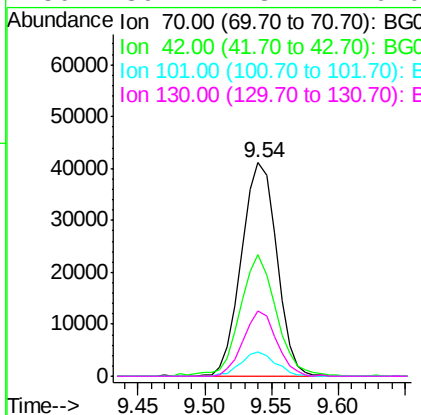
#19
n-Nitroso-di-n-propylamine
Concen: 40.754 ng
RT: 9.54 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.7	49.1	73.7
101	11.6	8.5	12.7
130	30.7	13.4	20.0#

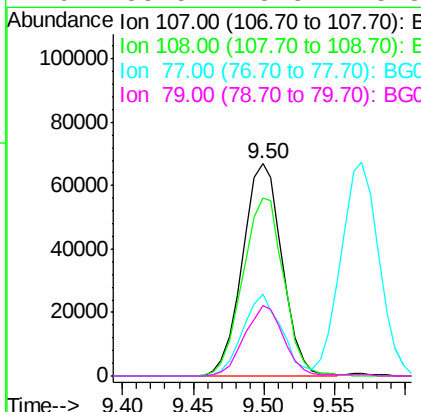
Manual Integrations
APPROVED

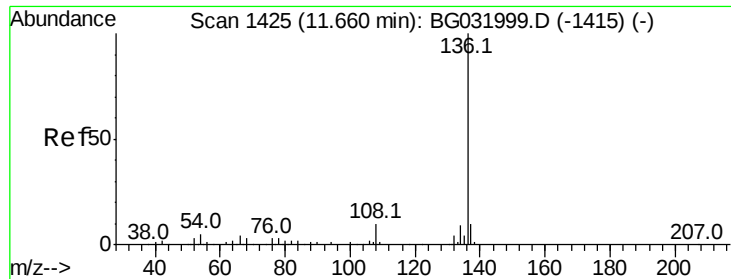
Sohil
1/24/2018 2:49:24 PM



#20
3+4-Methylphenols
Concen: 42.404 ng
RT: 9.50 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.1	61.6	101.6
77	38.7	13.9	53.9
79	33.5	8.8	48.8





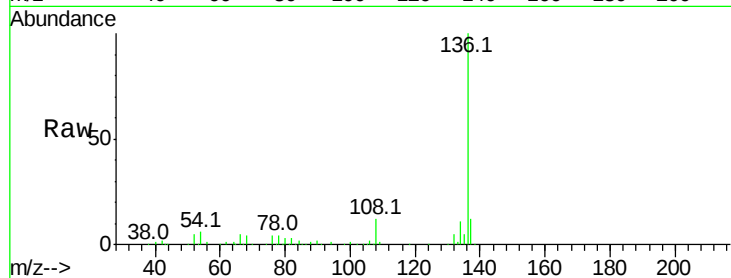
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampled :
AB-2(0-2)MS

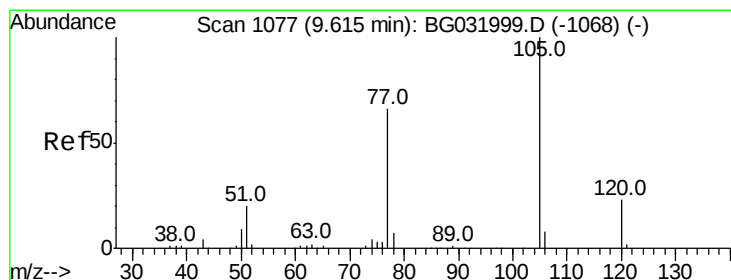
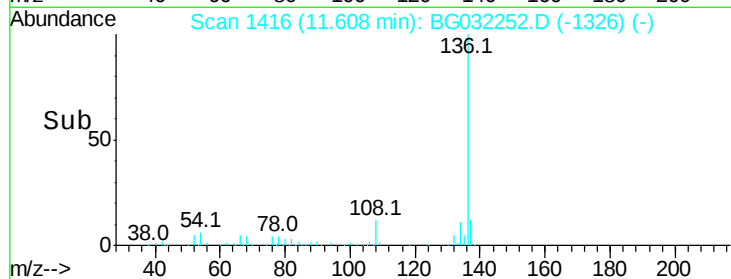
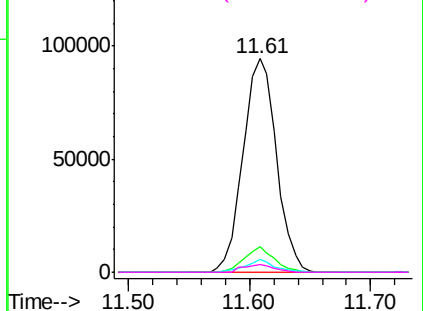
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.9	9.2	13.8	
54	5.8	10.3	15.5	
68	3.6	4.5	6.7	

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



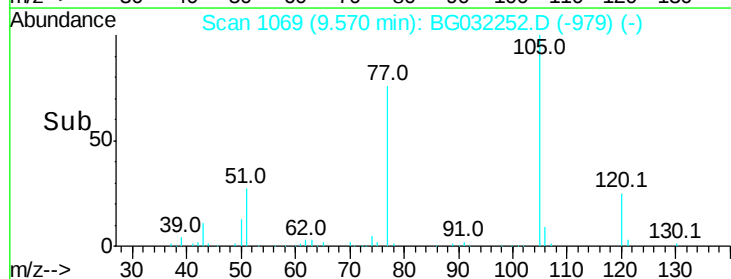
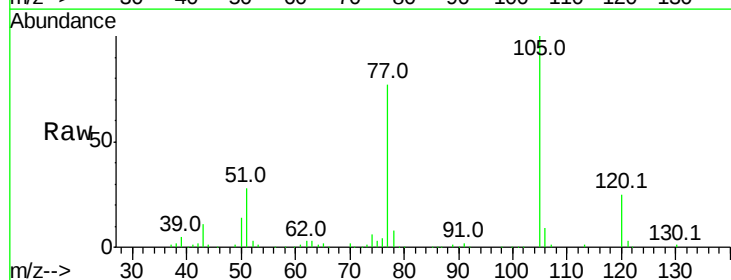
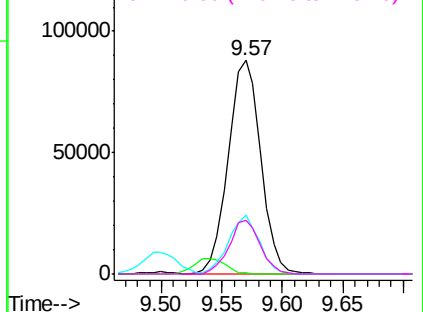
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

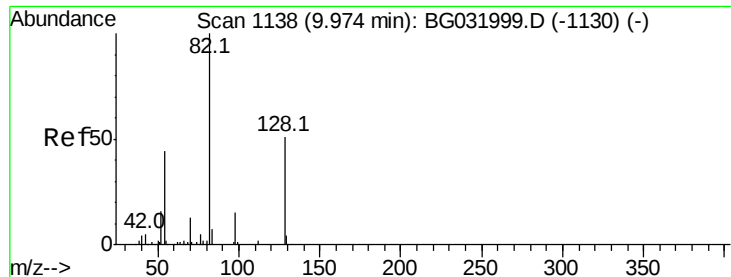


#22
Acetophenone
Concen: 39.815 ng
RT: 9.57 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	3.0	4.4	
51	27.7	26.1	39.1	
120	25.1	17.4	26.2	

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





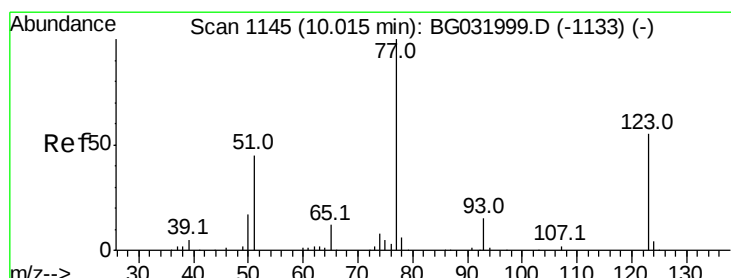
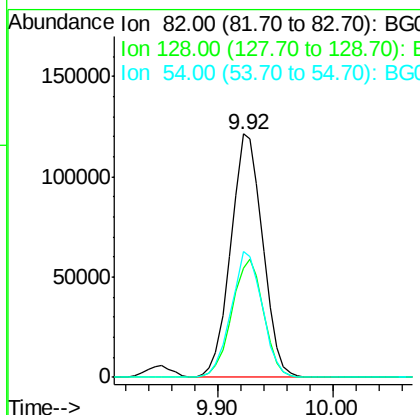
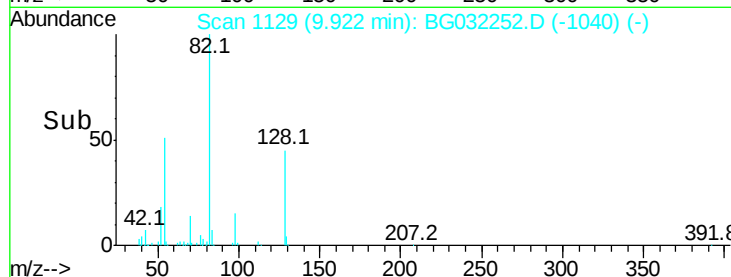
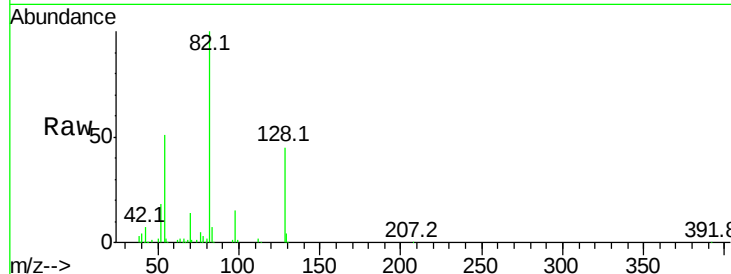
#23
Nitrobenzene-d5
Concen: 86.373 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	29.7	44.5#
54	51.5	43.1	64.7

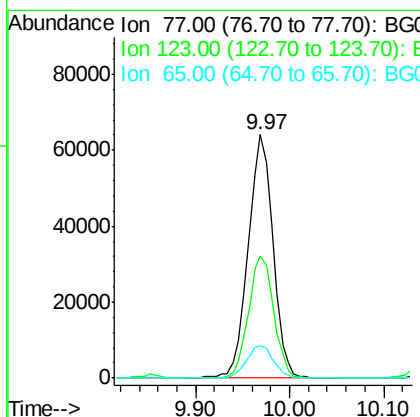
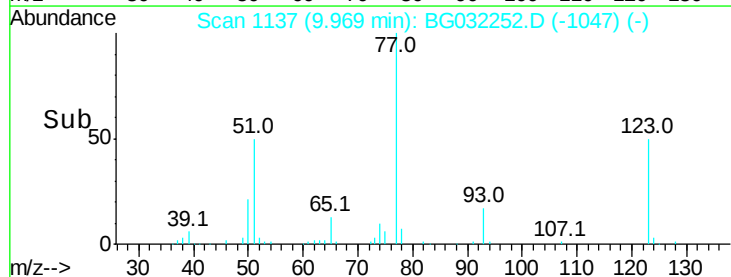
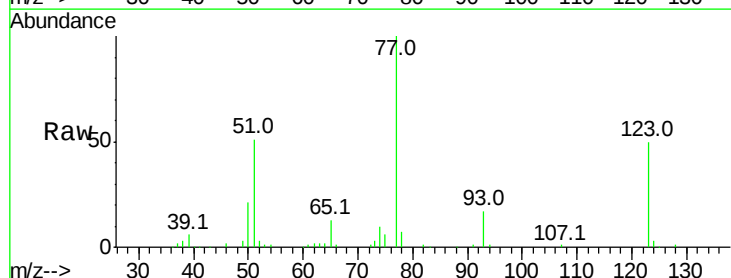
Manual Integrations
APPROVED

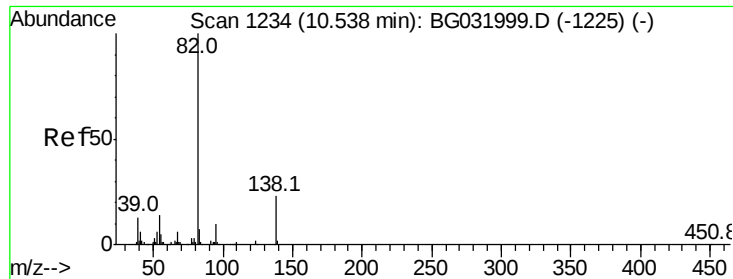
Sohil
1/24/2018 2:49:24 PM



#24
Nitrobenzene
Concen: 43.659 ng
RT: 9.97 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	33.0	49.6#
65	13.4	13.0	19.6





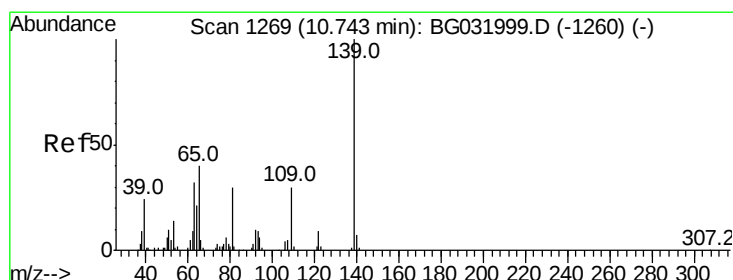
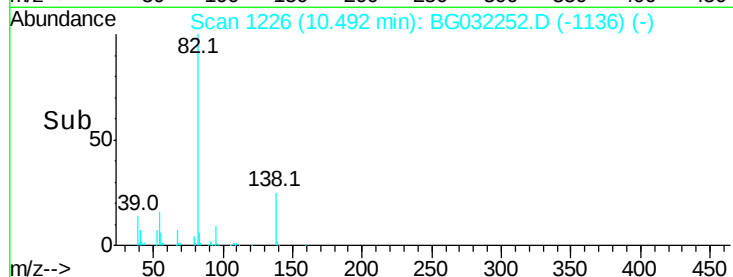
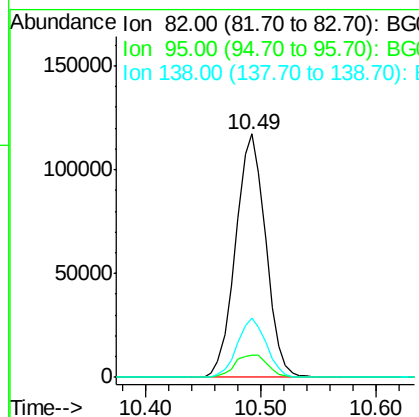
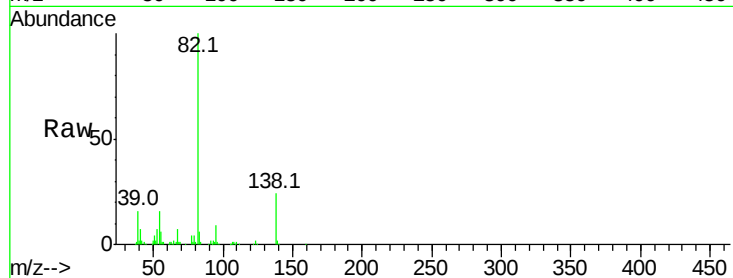
#25
Isophorone
Concen: 42.183 ng
RT: 10.49 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	9.2	6.2	9.2
138	24.1	12.1	18.1#

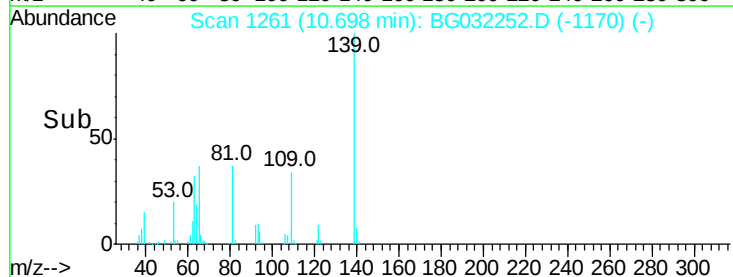
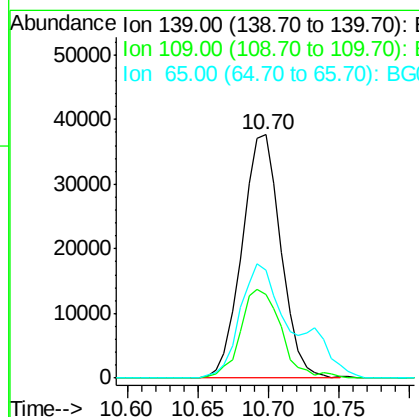
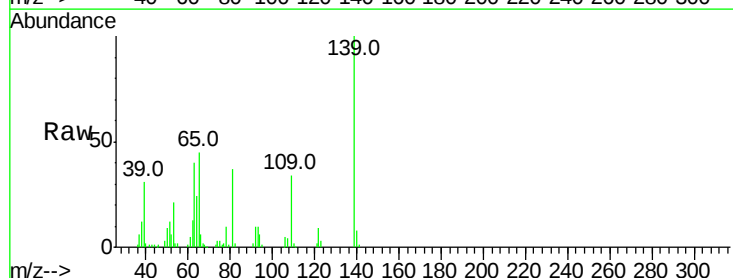
Manual Integrations
APPROVED

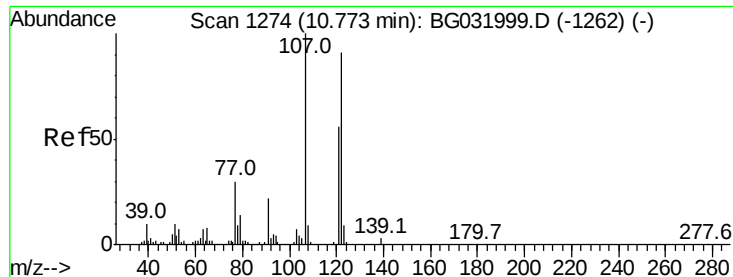
Sohil
1/24/2018 2:49:24 PM



#26
2-Nitrophenol
Concen: 45.520 ng
RT: 10.70 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	34.5	24.2	36.2
65	44.5	47.4	71.0#





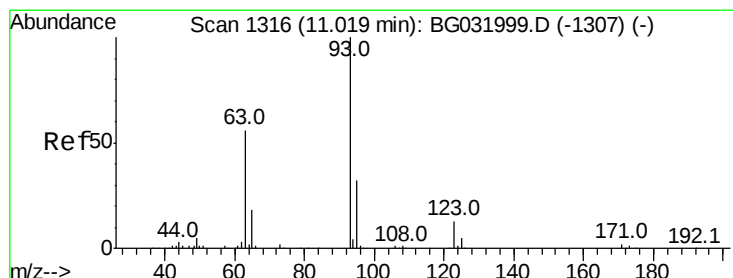
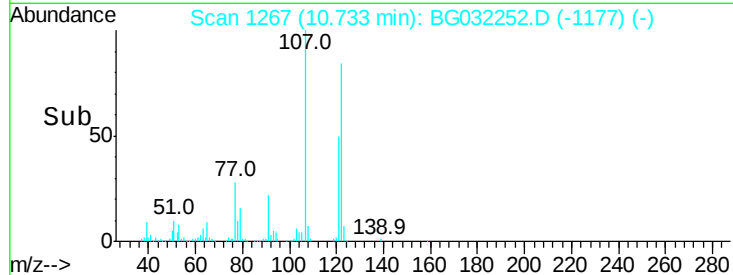
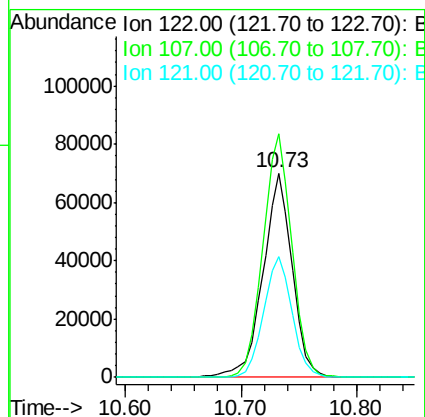
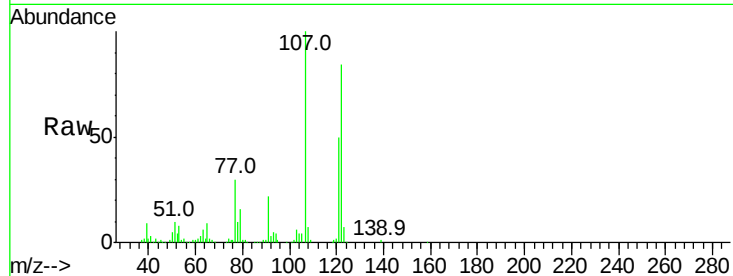
#27
2,4-Dimethylphenol
Concen: 48.745 ng
RT: 10.73 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampled :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	100.2	150.2
121	59.5	44.4	66.6

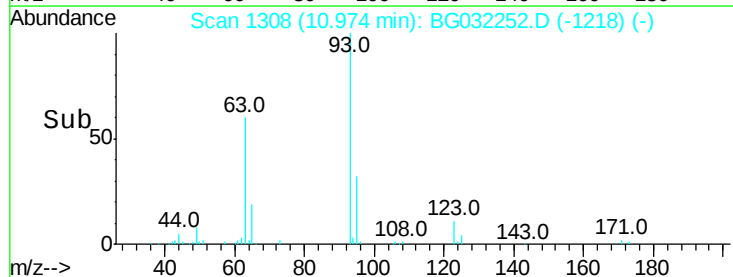
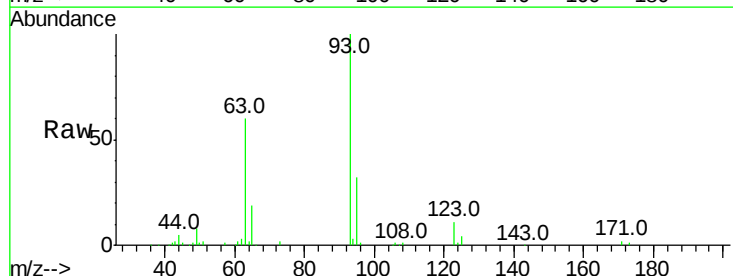
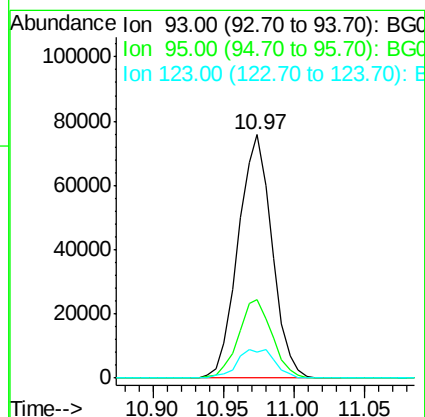
Manual Integrations
APPROVED

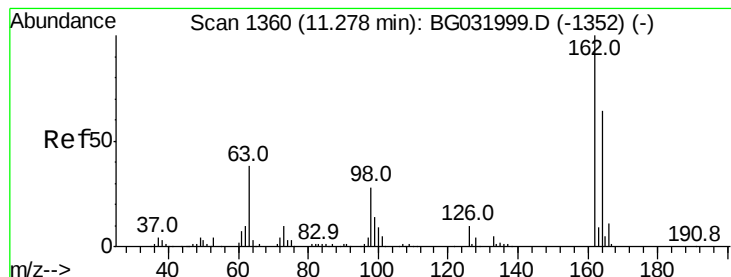
Sohil
1/24/2018 2:49:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.049 ng
RT: 10.97 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.3	36.5
123	10.9	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 48.720 ng

RT: 11.23 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

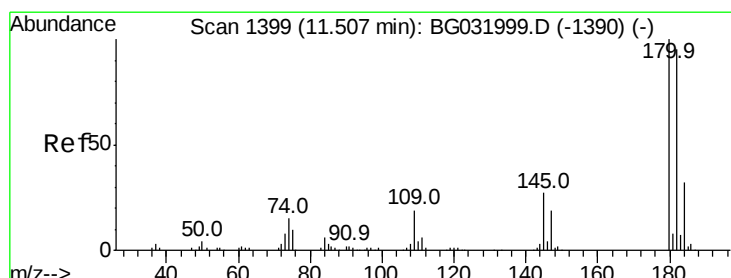
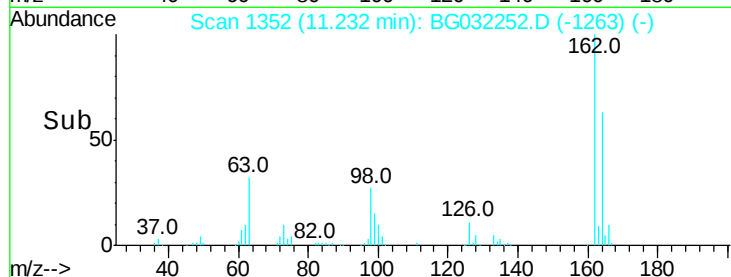
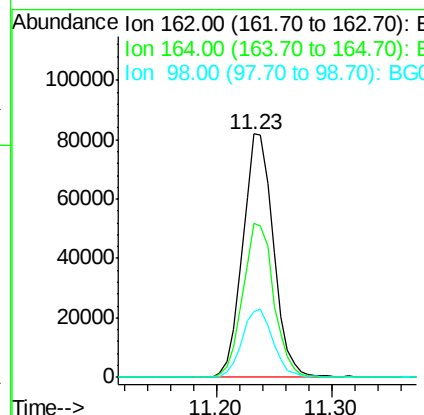
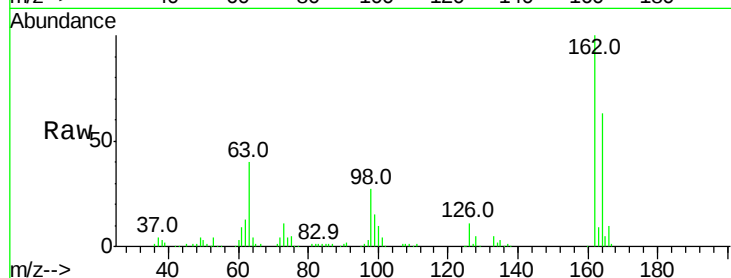
ClientSampled :

AB-2(0-2)MS

Tot Ion:	162	Resp:	151351
Ion Ratio	Lower	Upper	
162	100		
164	63.0	48.0	88.0
98	27.0	21.1	61.1

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#30

1,2,4-Trichlorobenzene

Concen: 40.866 ng

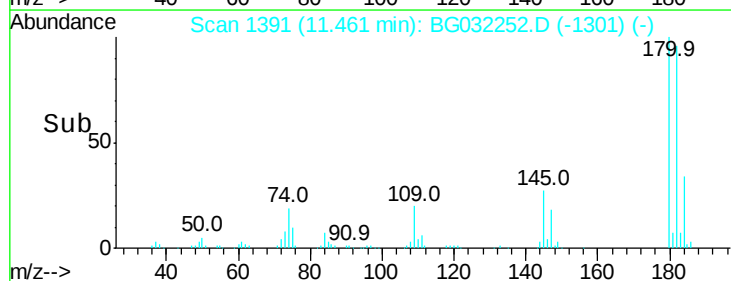
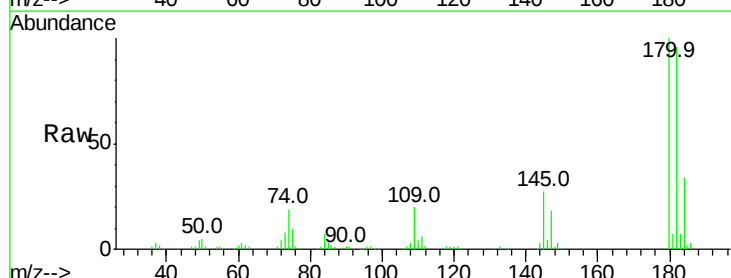
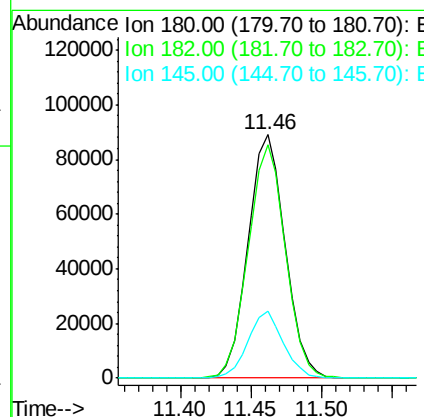
RT: 11.46 min Scan# 1391

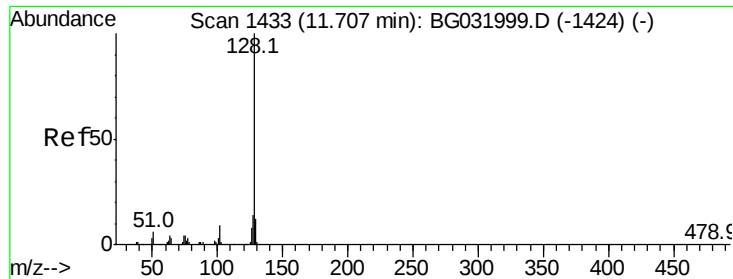
Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion:	180	Resp:	163955
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.5	116.3
145	27.3	23.4	35.2





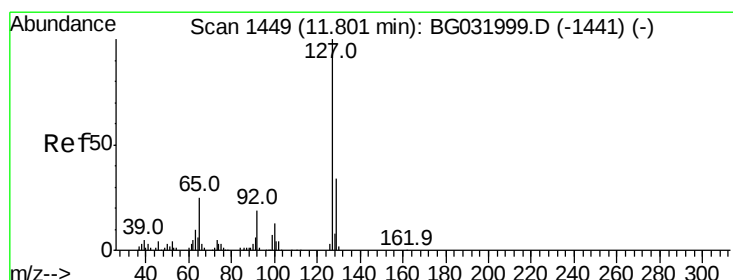
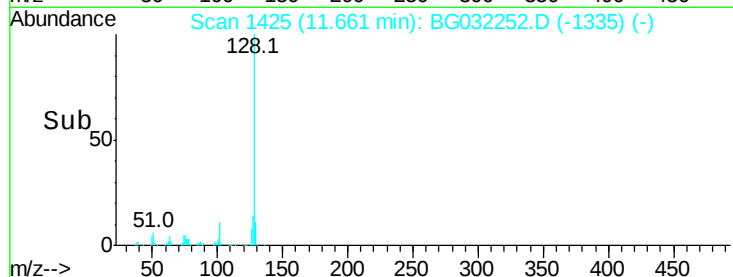
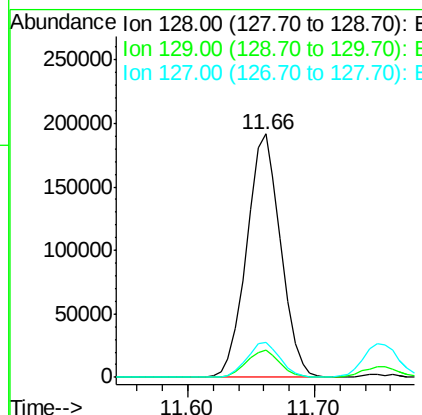
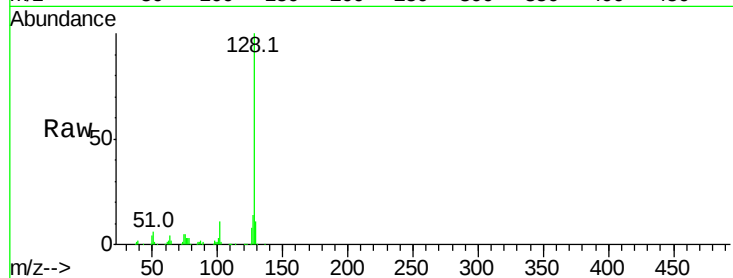
#31
Naphthalene
Concen: 39.392 ng
RT: 11.66 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.3	11.6	17.4

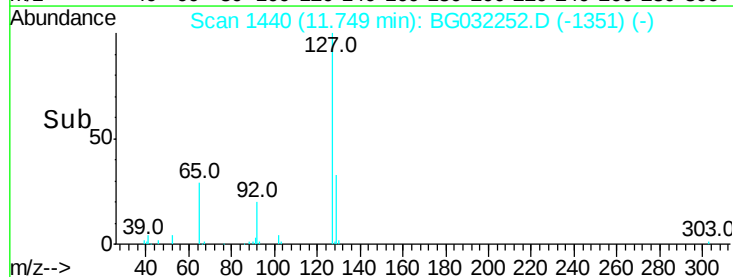
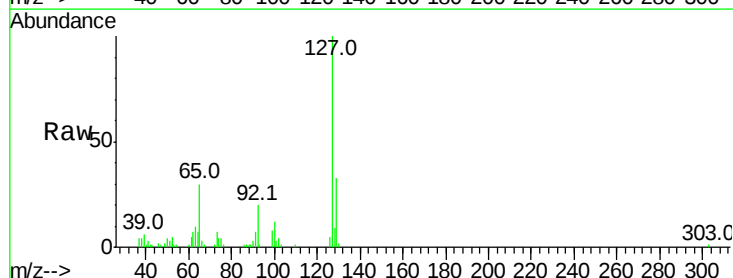
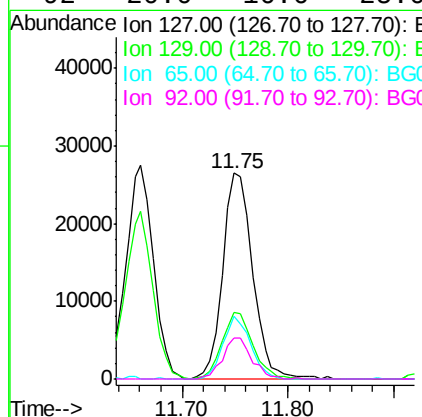
Manual Integrations
APPROVED

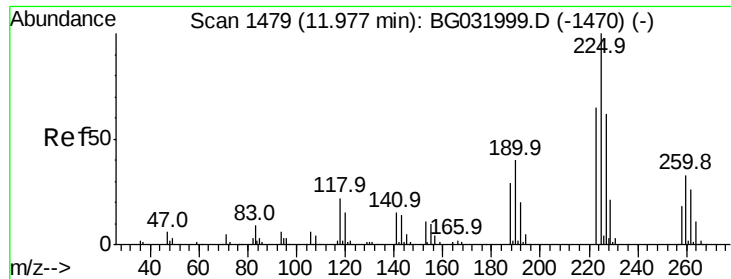
Sohil
1/24/2018 2:49:24 PM



#33
4-Chloroaniline
Concen: 13.516 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	24.0	36.0
65	30.2	27.0	40.4
92	20.0	16.6	25.0





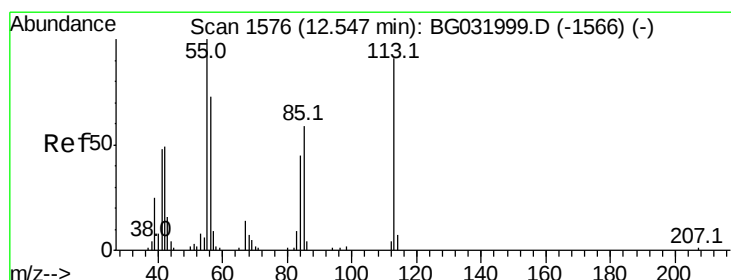
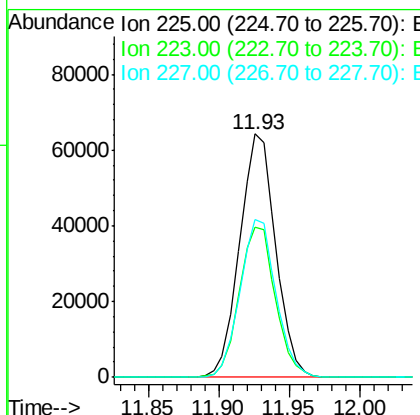
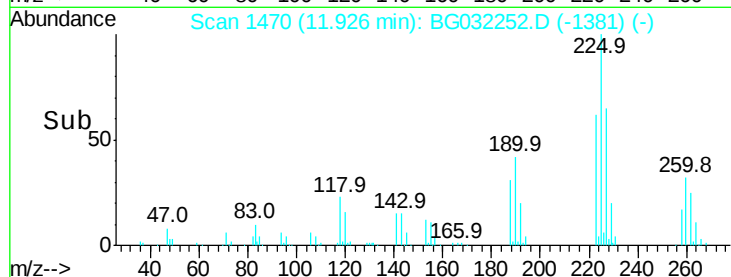
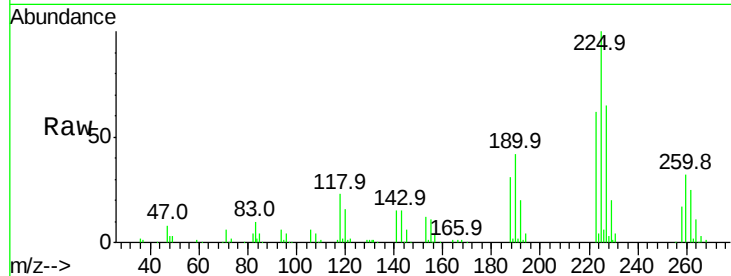
#34
Hexachlorobutadiene
Concen: 39.700 ng
RT: 11.93 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.7	74.5
227	64.8	48.1	72.1

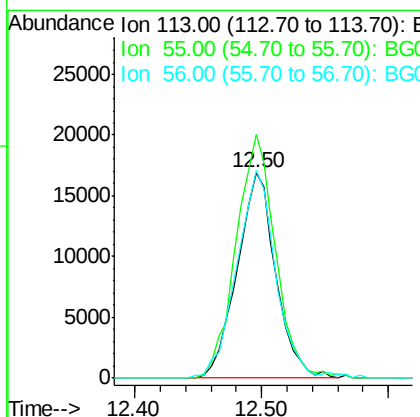
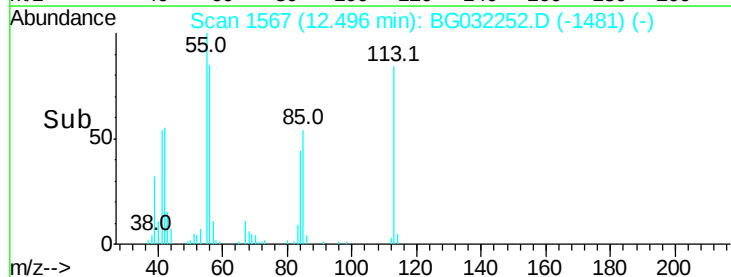
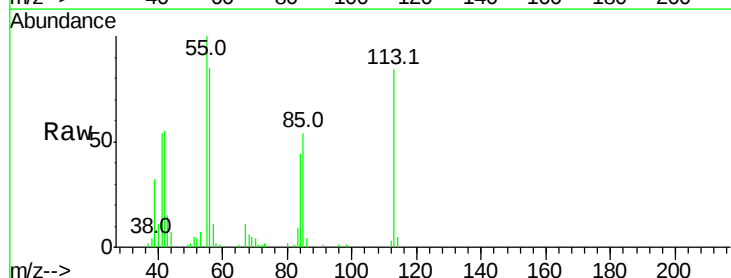
Manual Integrations
APPROVED

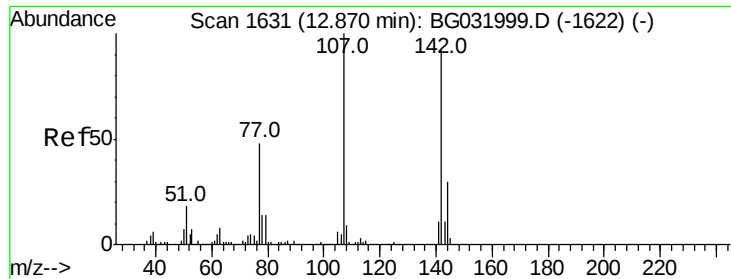
Sohil
1/24/2018 2:49:24 PM



#35
Caprolactam
Concen: 37.778 ng
RT: 12.50 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
113	100		
55	118.4	186.9	226.9#
56	101.0	130.9	170.9#





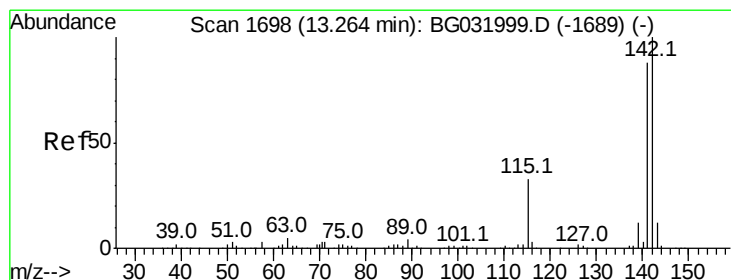
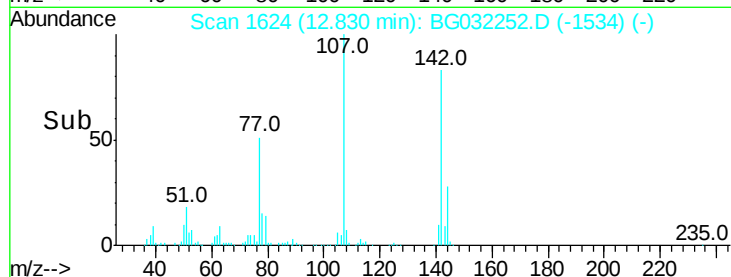
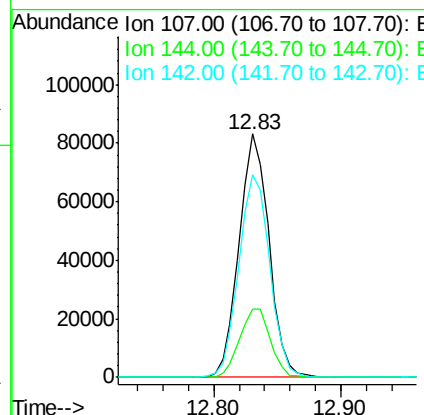
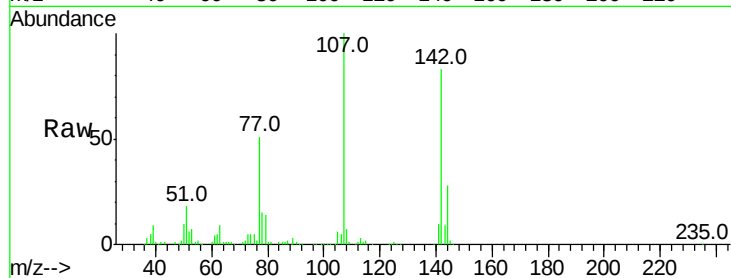
#36
4-Chloro-3-methylphenol
Concen: 47.724 ng
RT: 12.83 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampled :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.1	18.2	27.4#
142	83.1	59.0	88.4

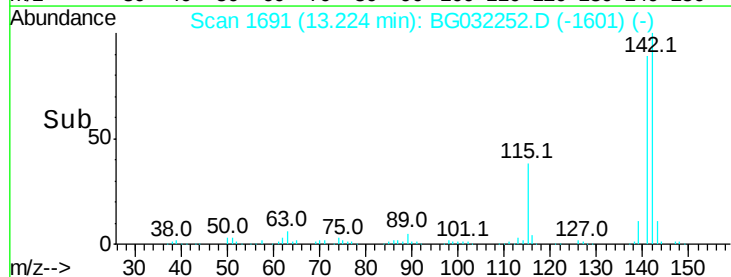
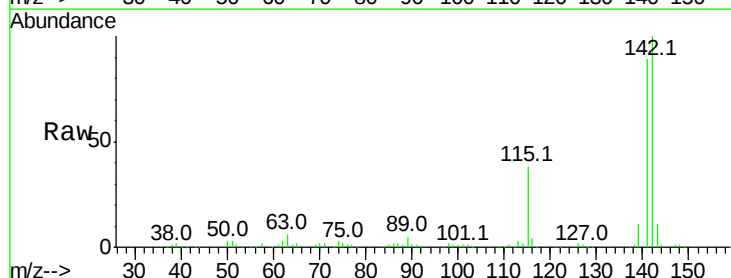
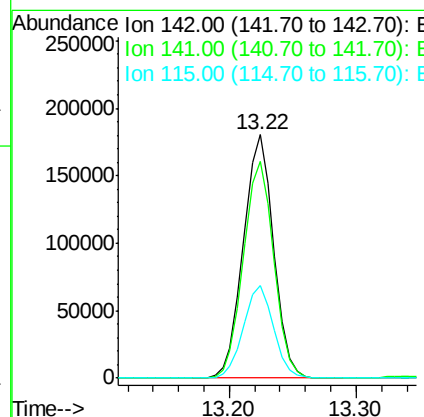
Manual Integrations
APPROVED

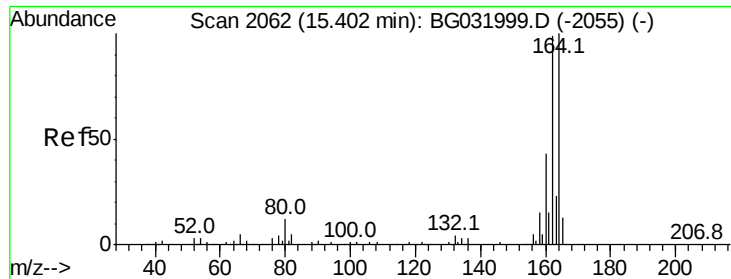
Sohil
1/24/2018 2:49:24 PM



#37
2-Methylnaphthalene
Concen: 41.457 ng
RT: 13.22 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	67.1	100.7
115	38.2	30.7	46.1





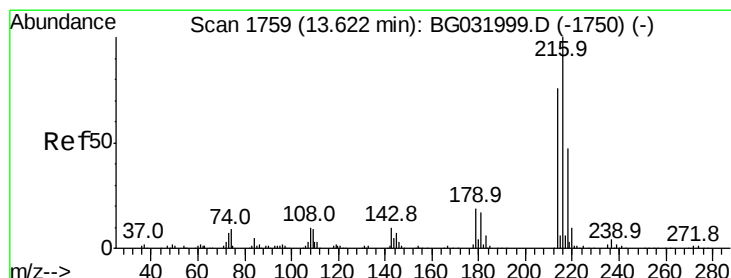
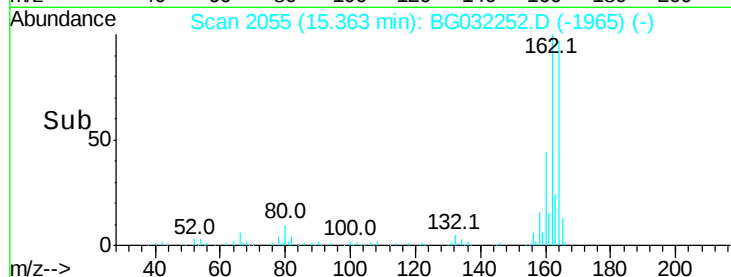
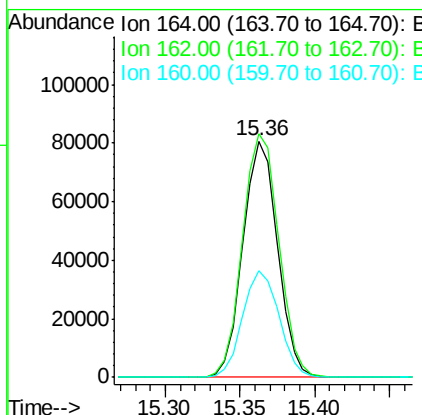
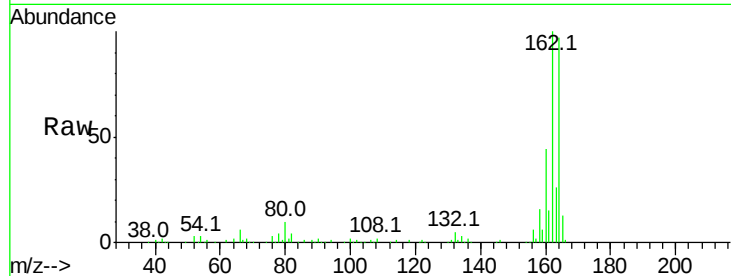
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	45.1	35.4	53.0

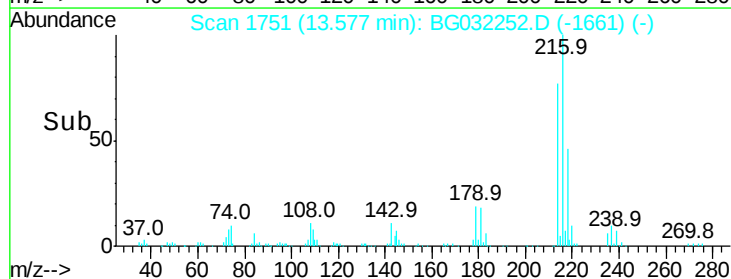
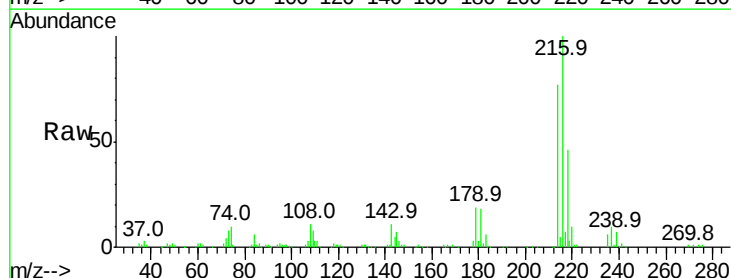
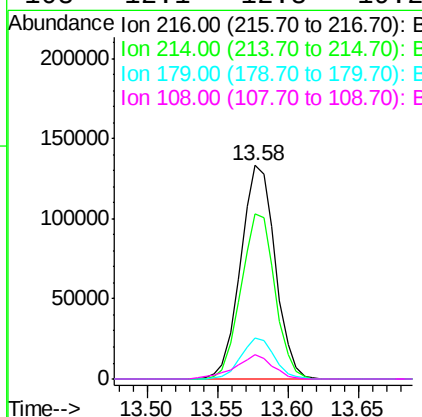
Manual Integrations
APPROVED

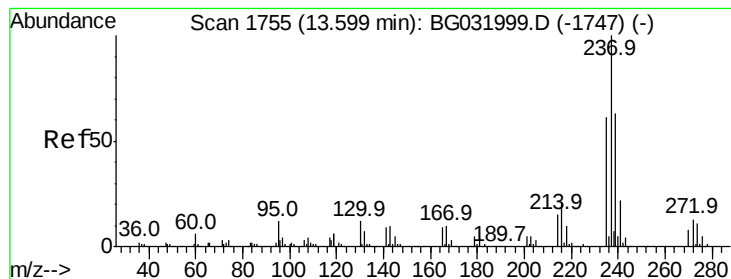
Sohil
1/24/2018 2:49:24 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.637 ng
RT: 13.58 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.9	63.0	94.4
179	18.5	17.0	25.6
108	12.1	12.8	19.2#





#40

Hexachlorocyclopentadiene

Concen: 70.742 ng

RT: 13.55 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

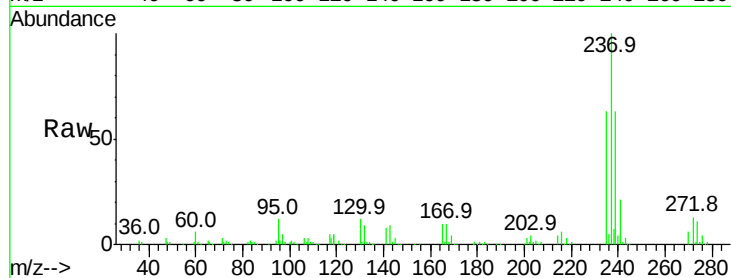
ClientSampled :

AB-2(0-2)MS

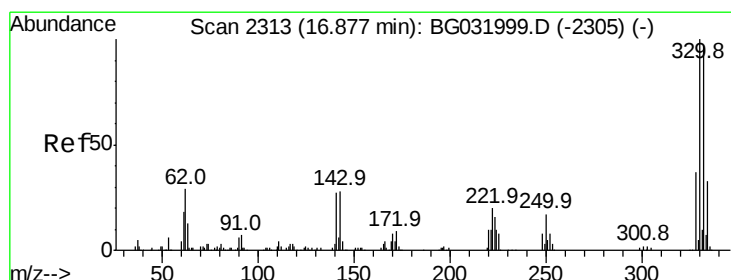
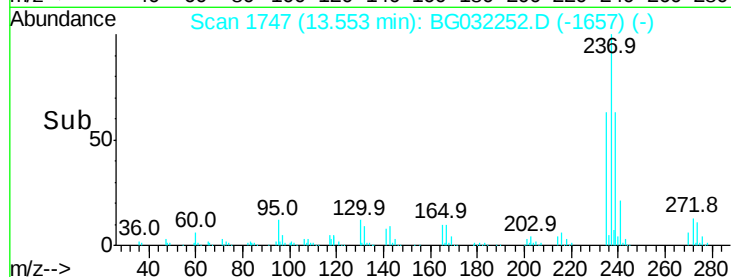
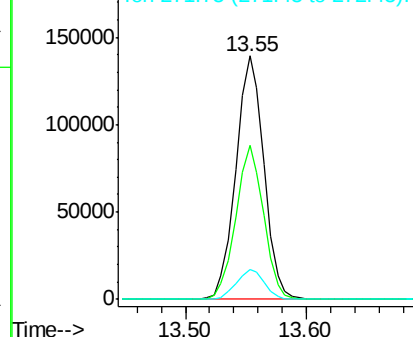
Tot Ion:	237	Resp:	224270
Ion Ratio		Lower	Upper
237	100		
235	63.3	50.4	90.4
272	12.5	0.0	31.8

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



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



#41

2,4,6-Tribromophenol

Concen: 106.543 ng

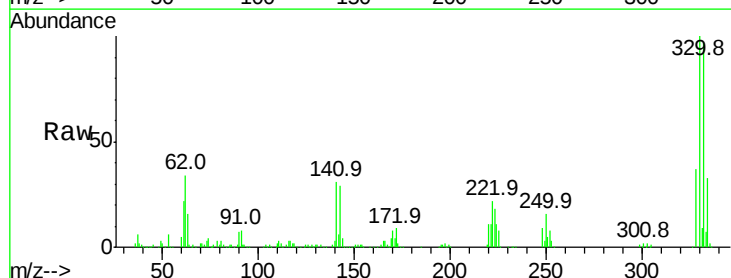
RT: 16.84 min Scan# 2306

Delta R.T. 0.00 min

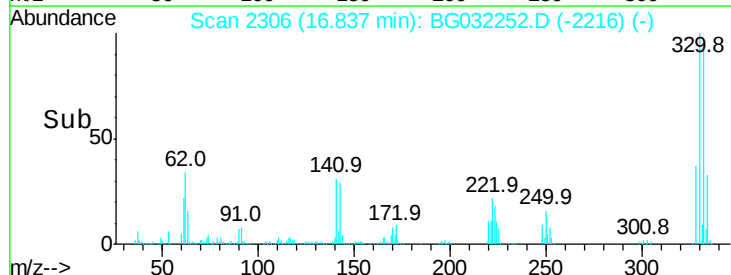
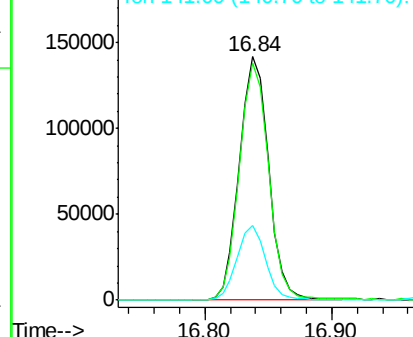
Lab File: BG032252.D

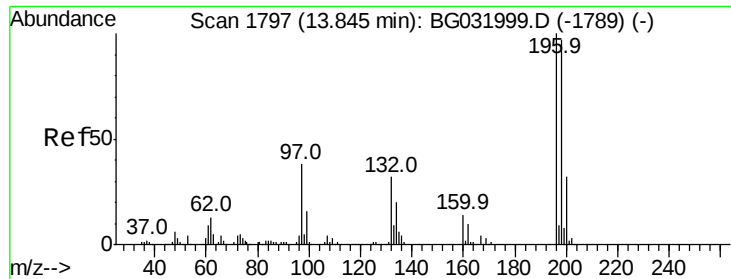
Acq: 24 Jan 2018 8:41

Tgt Ion:	330	Resp:	227658
Ion Ratio		Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.8	25.2	37.8



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





#42

2,4,6-Trichlorophenol

Concen: 44.140 ng

RT: 13.81 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

ClientSampleId :

AB-2(0-2)MS

Tot Ion:196 Resp: 139598

Ion Ratio Lower Upper

196 100

198 94.9 78.2 117.2

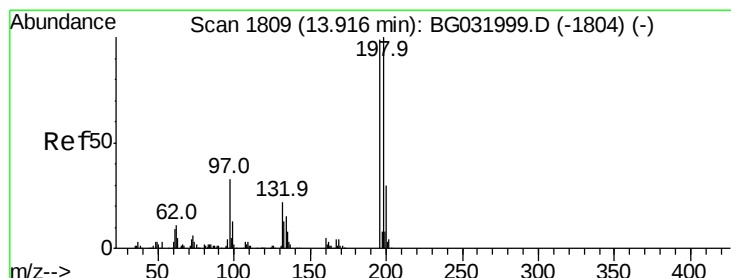
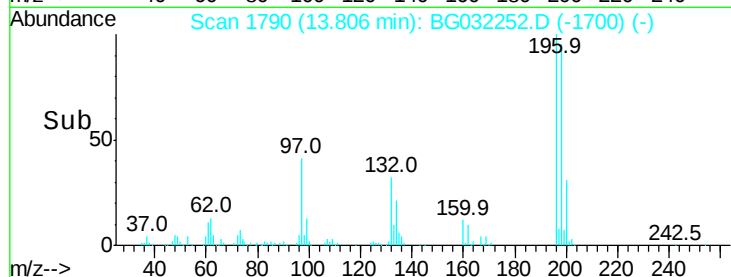
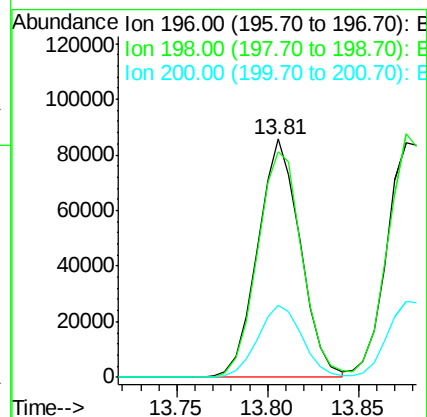
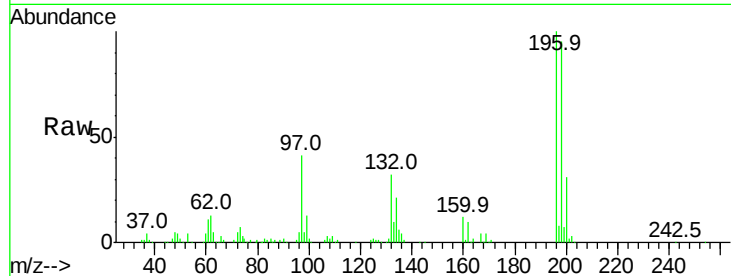
200 30.5 24.6 36.8

Manual Integrations

APPROVED

Sohil

1/24/2018 2:49:24 PM



#43

2,4,5-Trichlorophenol

Concen: 40.526 ng

RT: 13.88 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion:196 Resp: 148357

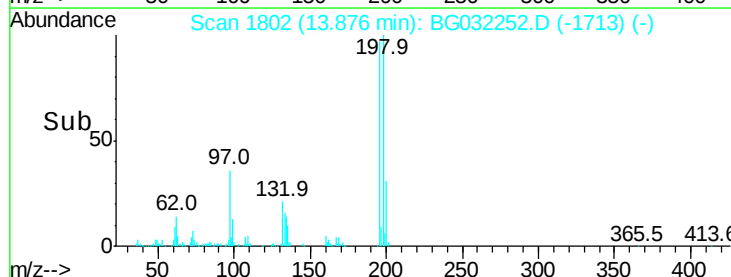
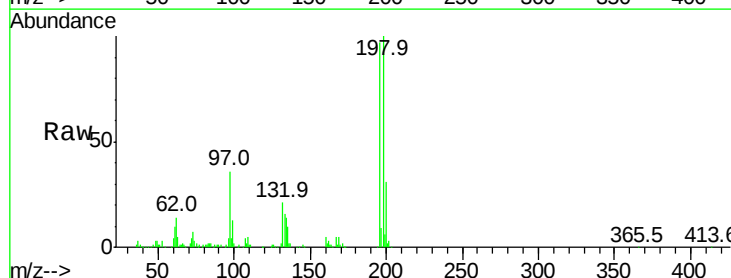
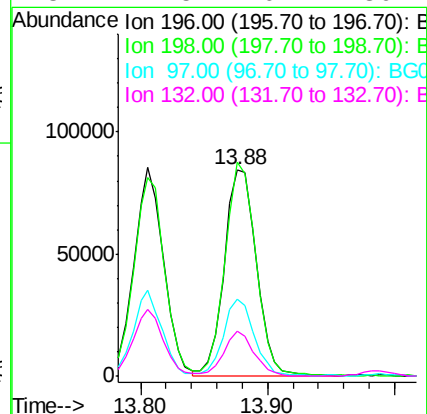
Ion Ratio Lower Upper

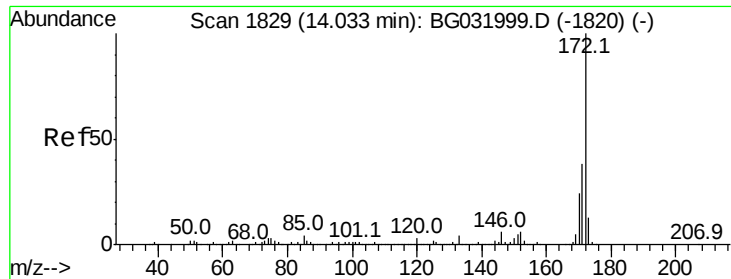
196 100

198 103.6 76.2 114.4

97 37.2 38.7 58.1#

132 21.5 20.2 30.2





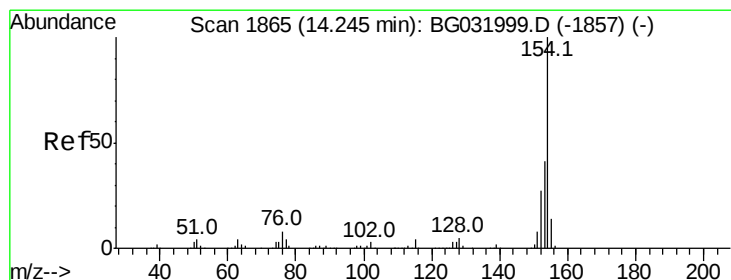
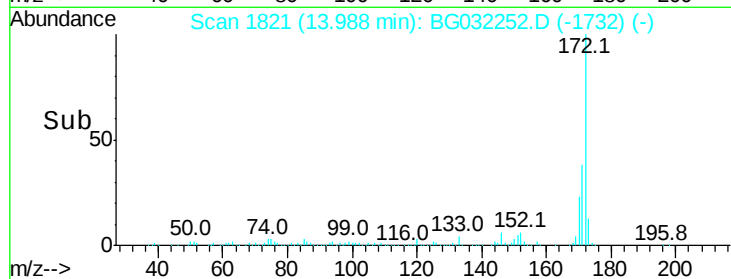
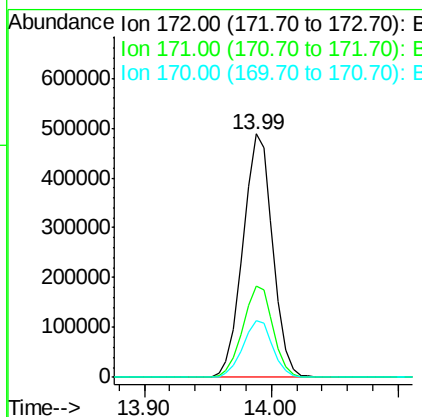
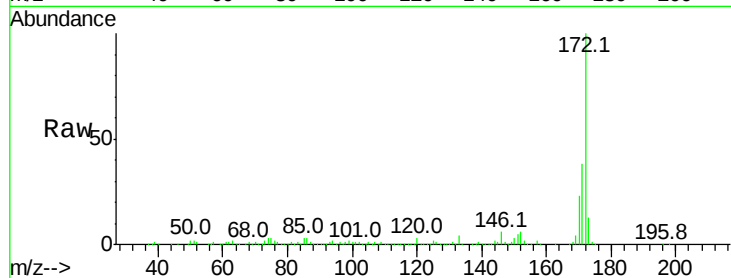
#44
2-Fluorobiphenyl
Concen: 76.051 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.1	19.5	29.3

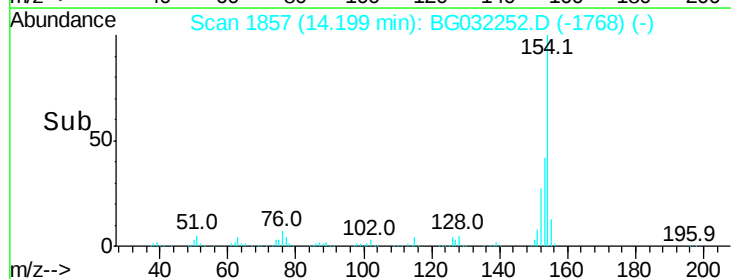
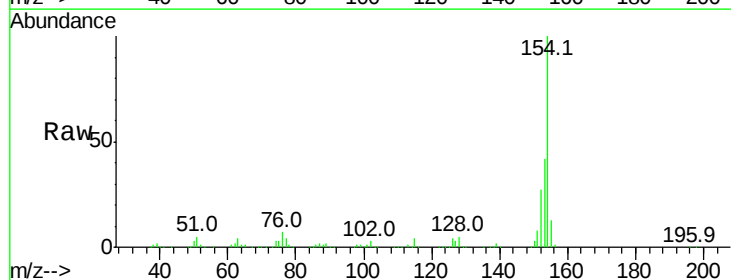
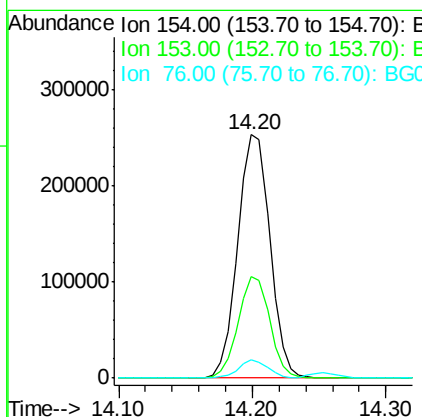
Manual Integrations
APPROVED

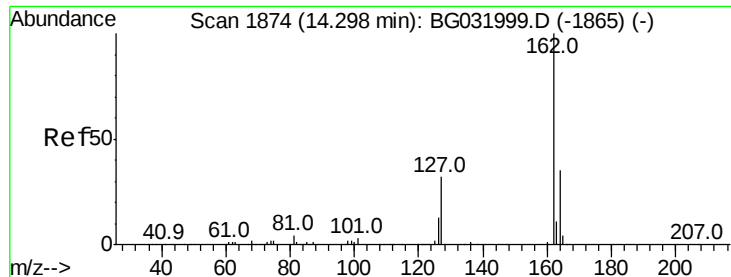
Sohil
1/24/2018 2:49:24 PM



#45
1,1'-Biphenyl
Concen: 38.107 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	7.3	0.0	31.9





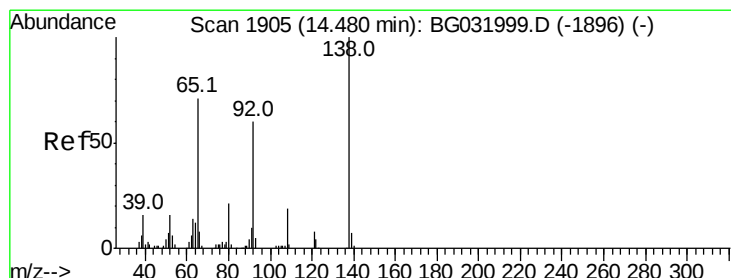
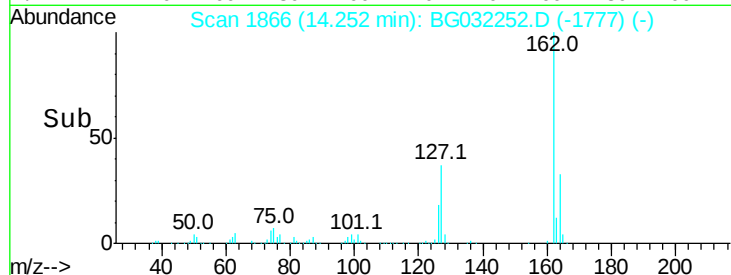
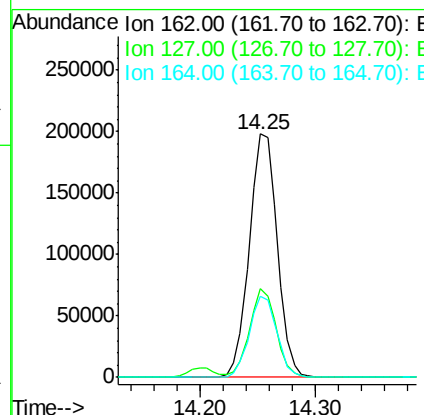
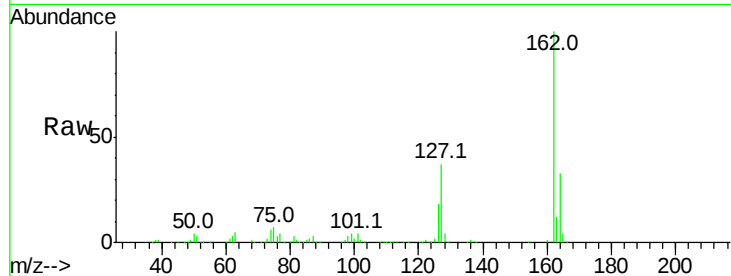
#46
2-Chloronaphthalene
Concen: 38.697 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampled :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.7	46.1
164	33.4	26.0	39.0

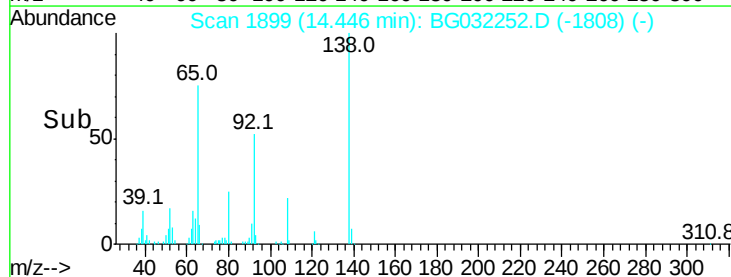
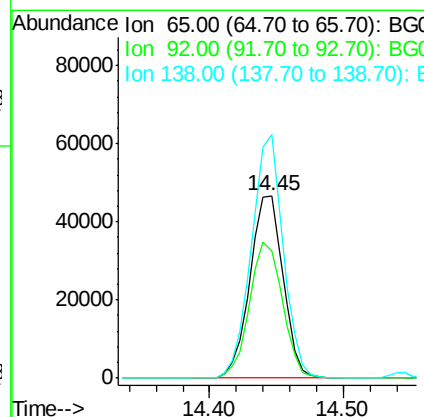
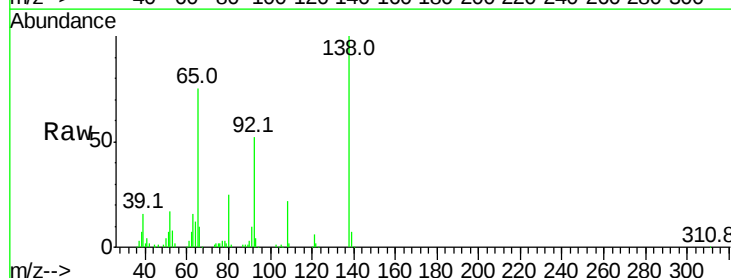
Manual Integrations
APPROVED

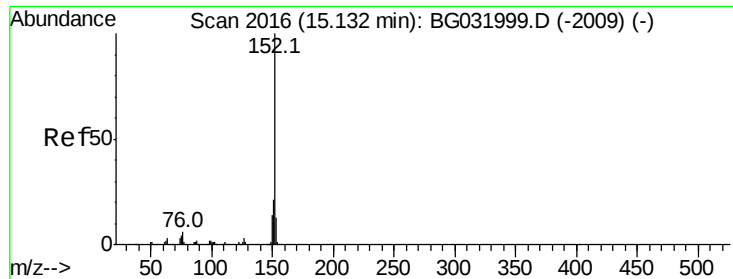
Sohil
1/24/2018 2:49:24 PM



#47
2-Nitroaniline
Concen: 48.353 ng
RT: 14.45 min Scan# 1899
Delta R.T. 0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	54.6	82.0
138	133.5	72.9	109.3





#48

Acenaphthylene

Concen: 36.991 ng

RT: 15.09 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

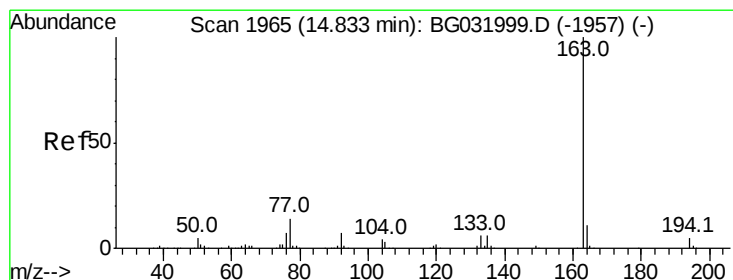
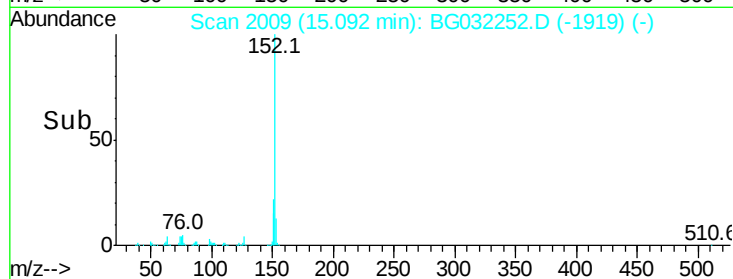
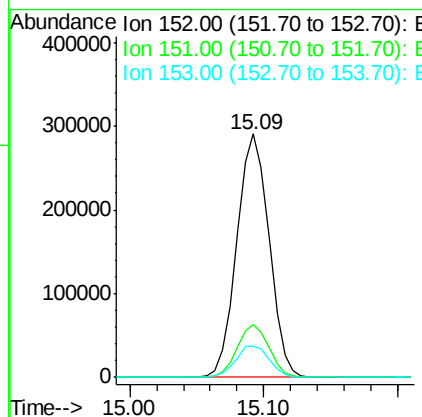
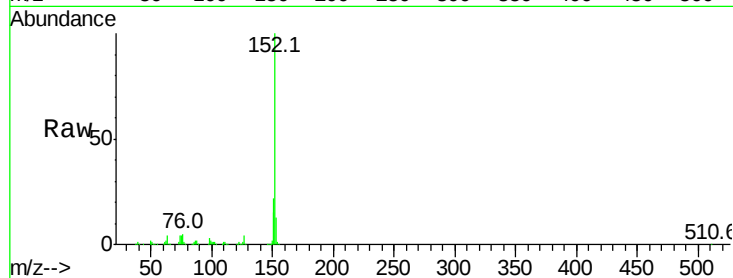
ClientSampleId :

AB-2(0-2)MS

Tot Ion:	152	Resp:	485097
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.2	25.8
153	12.8	10.2	15.4

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#49

Dimethylphthalate

Concen: 46.732 ng

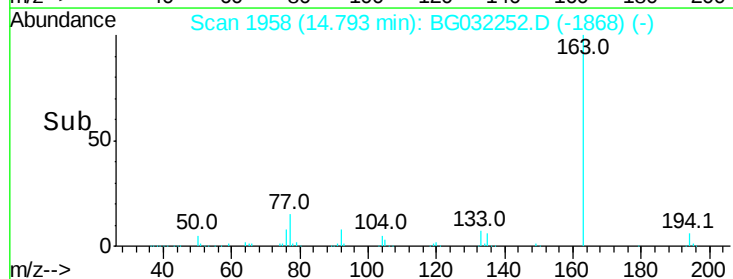
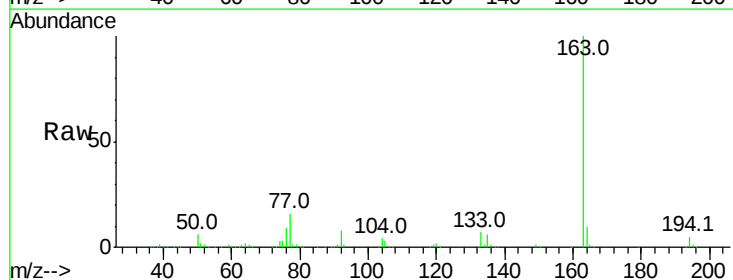
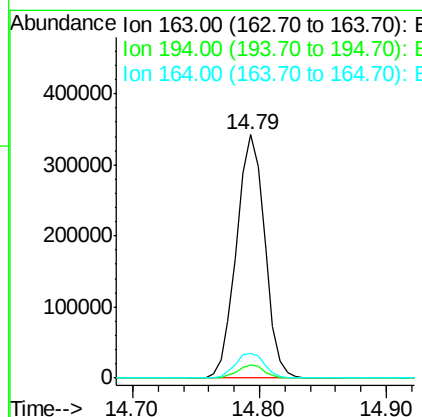
RT: 14.79 min Scan# 1958

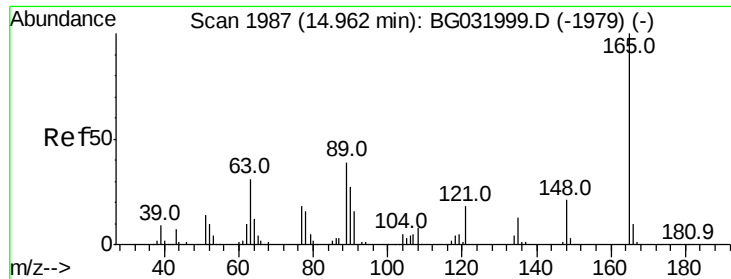
Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion:	163	Resp:	528063
Ion Ratio	Lower	Upper	
163	100		
194	5.3	3.4	5.2#
164	10.4	8.2	12.4





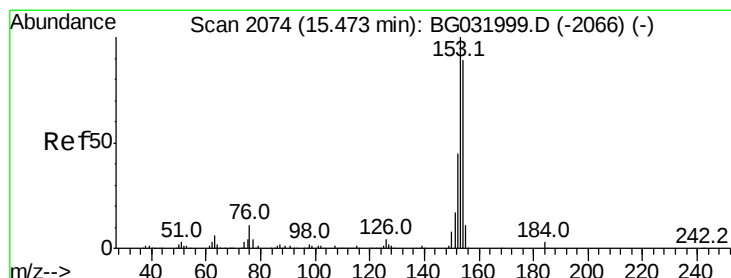
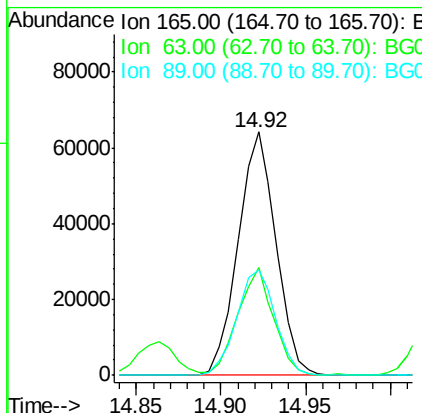
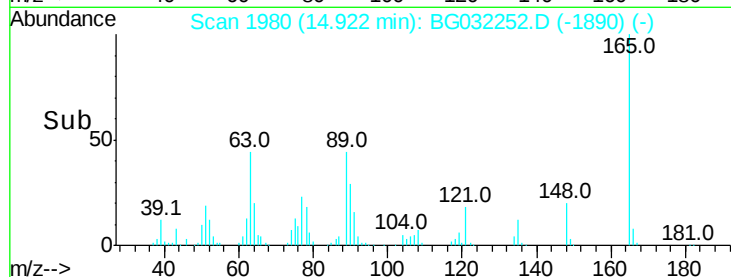
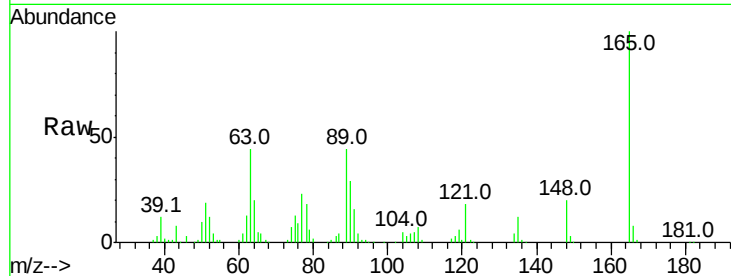
#50
 2,6-Dinitrotoluene
 Concen: 42.420 ng
 RT: 14.92 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG032252.D
 Acq: 24 Jan 2018 8:41

Instrument :
 BNA_G
 ClientSampleId :
 AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.1	52.7	79.1#
89	43.5	49.2	73.8#

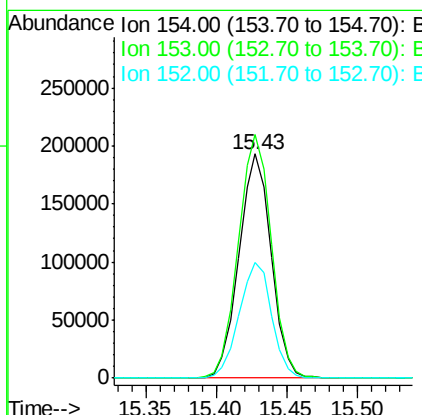
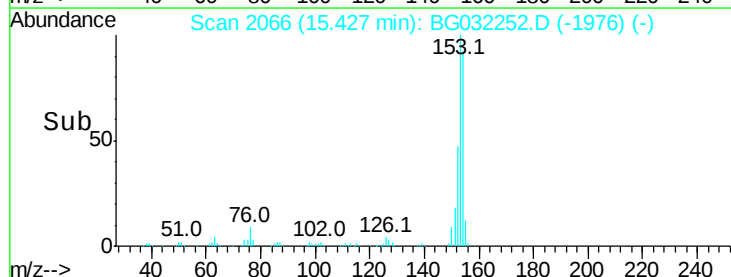
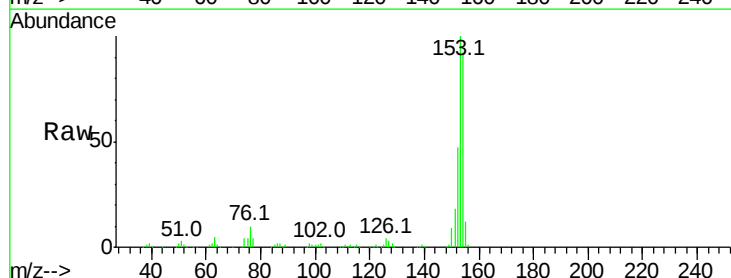
Manual Integrations
 APPROVED

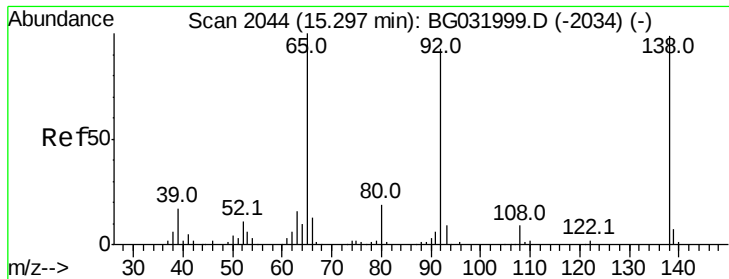
Sohil
 1/24/2018 2:49:24 PM



#51
 Acenaphthene
 Concen: 35.604 ng
 RT: 15.43 min Scan# 2066
 Delta R.T. 0.00 min
 Lab File: BG032252.D
 Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.7	90.4	135.6
152	51.4	41.6	62.4





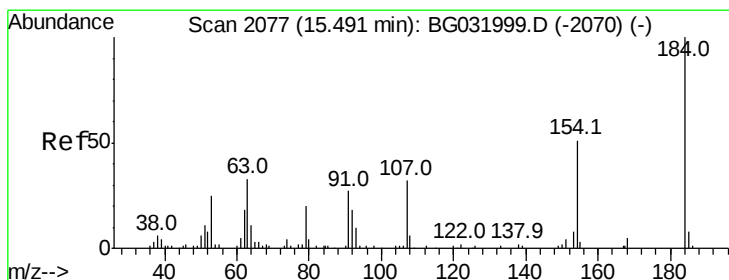
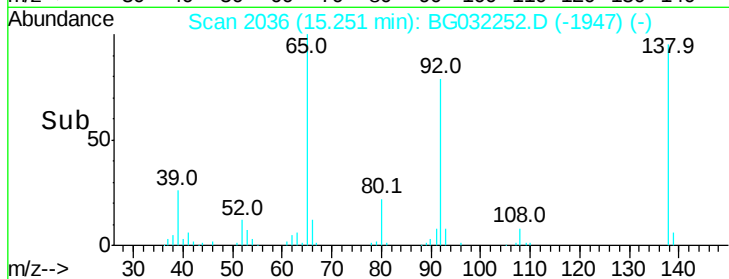
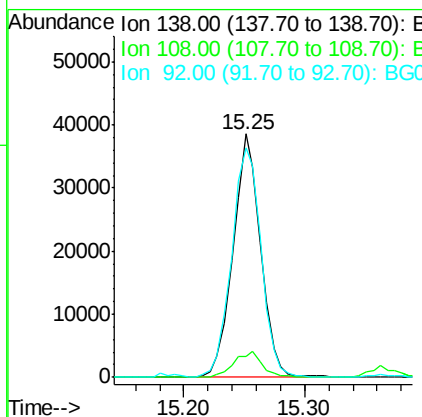
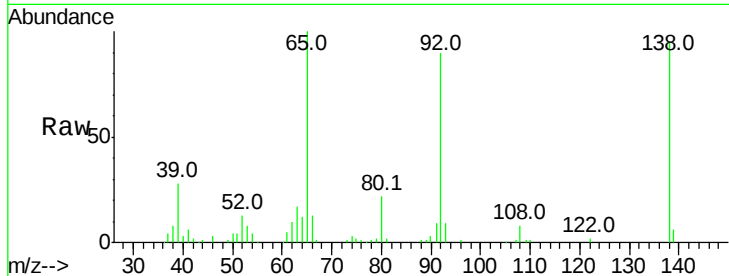
#52
 3-Nitroaniline
 Concen: 28.739 ng
 RT: 15.25 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BG032252.D
 Acq: 24 Jan 2018 8:41

Instrument :
 BNA_G
 ClientSampleId :
 AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.7	17.5	26.3#
92	94.4	105.8	158.8#

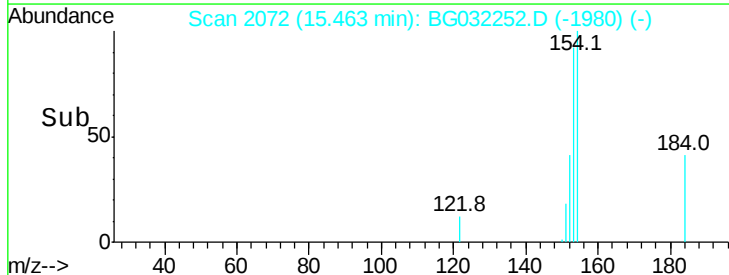
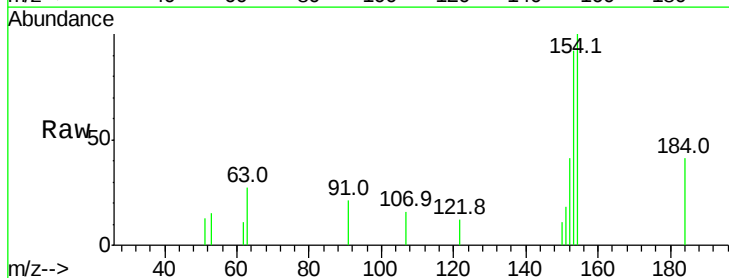
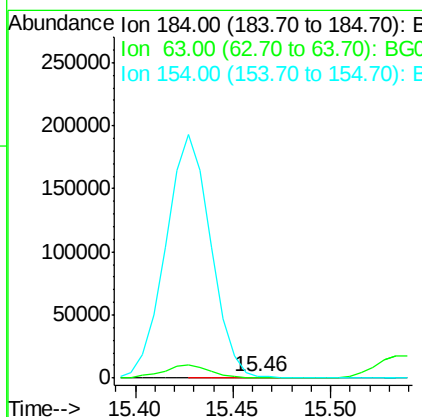
Manual Integrations
 APPROVED

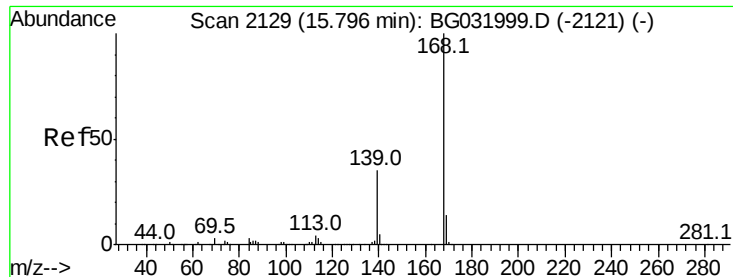
Sohil
 1/24/2018 2:49:24 PM



#53
 2,4-Dinitrophenol
 Concen: 8.081 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: BG032252.D
 Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	59.8	89.8
154	241.3	101.8	152.8#





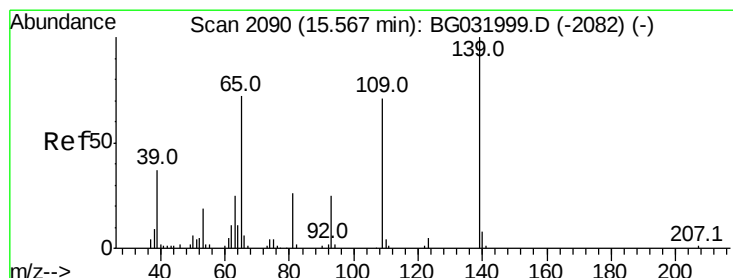
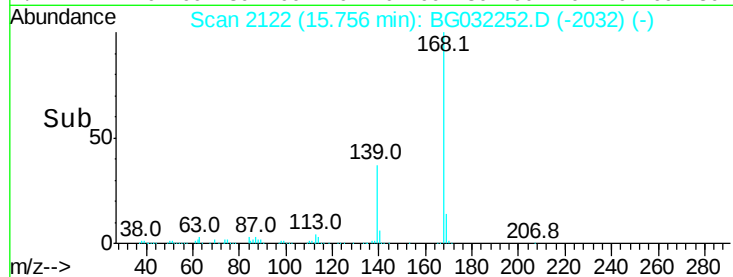
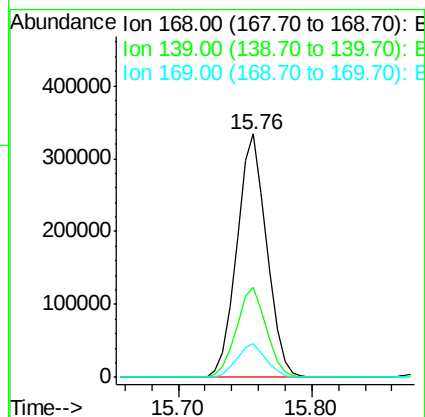
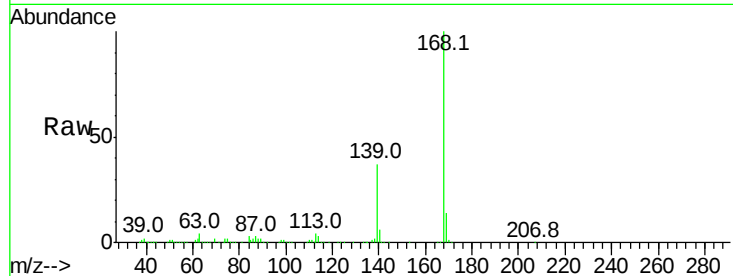
#54
Dibenzofuran
Concen: 39.783 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampled :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	28.6	43.0
169	13.8	11.2	16.8

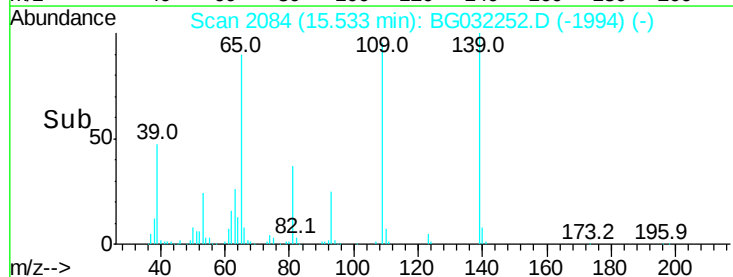
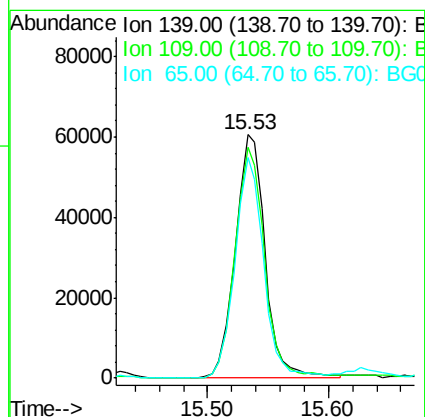
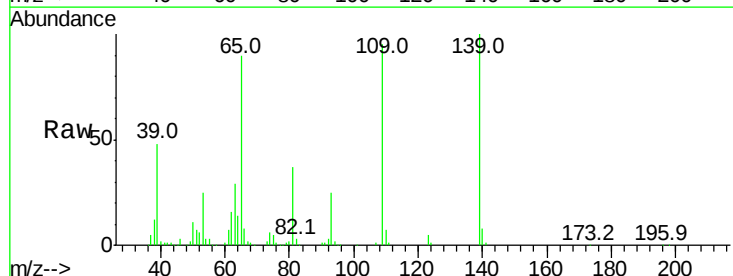
Manual Integrations
APPROVED

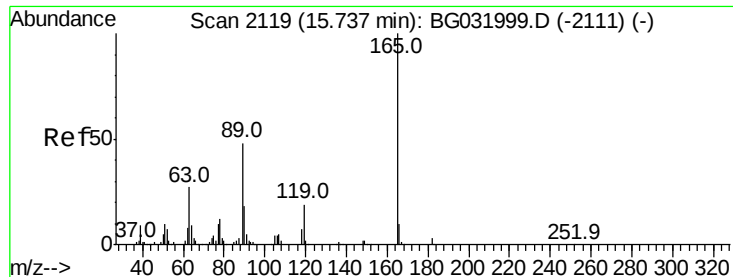
Sohil
1/24/2018 2:49:24 PM



#55
4-Nitrophenol
Concen: 67.658 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.1	62.2	102.2
65	90.5	97.2	137.2#





#56

2,4-Dinitrotoluene

Concen: 44.001 ng

RT: 15.70 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

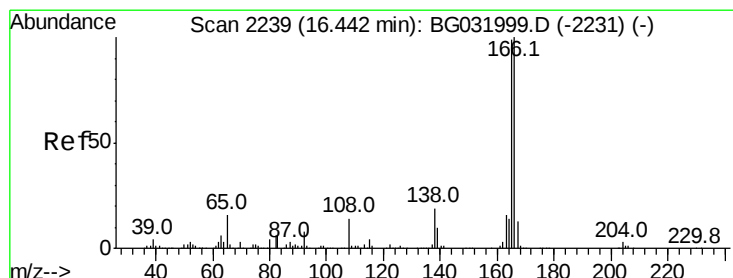
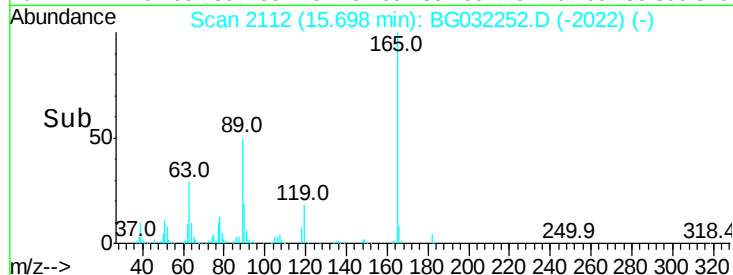
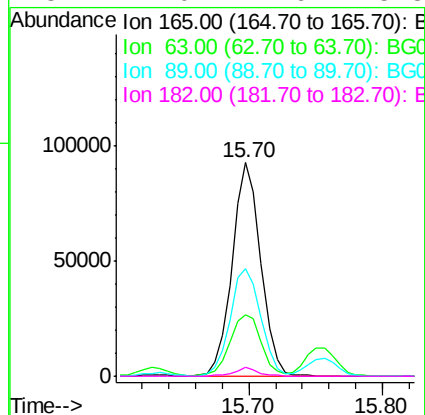
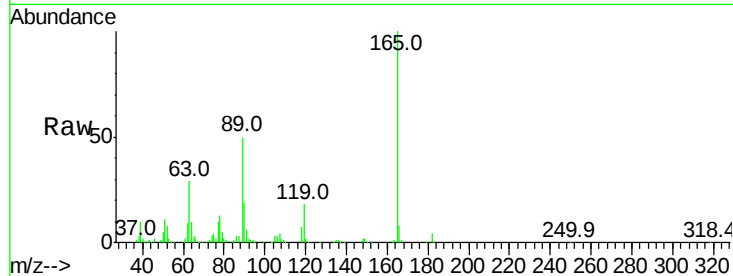
ClientSampleId :

AB-2(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	28.8	42.0	63.0#	
89	50.4	66.9	100.3#	
182	4.0	2.6	3.8#	

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#57

Fluorene

Concen: 38.455 ng

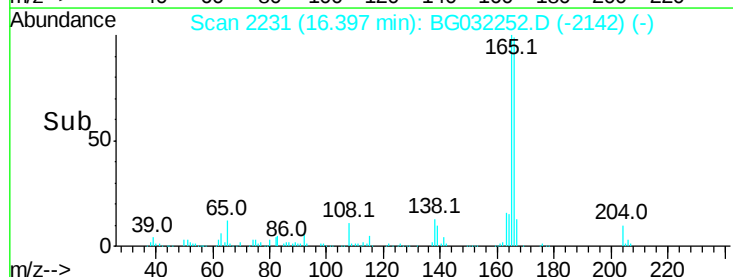
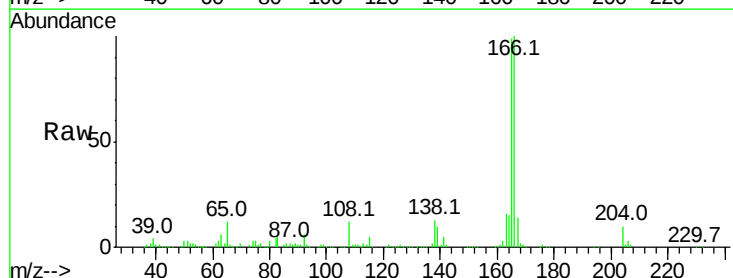
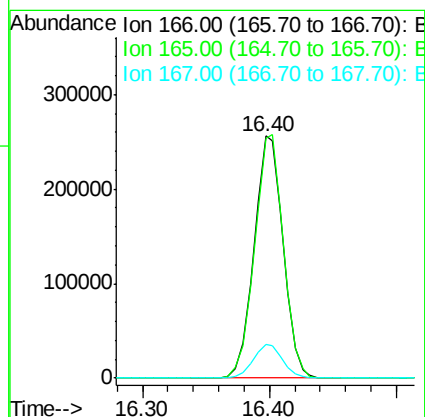
RT: 16.40 min Scan# 2231

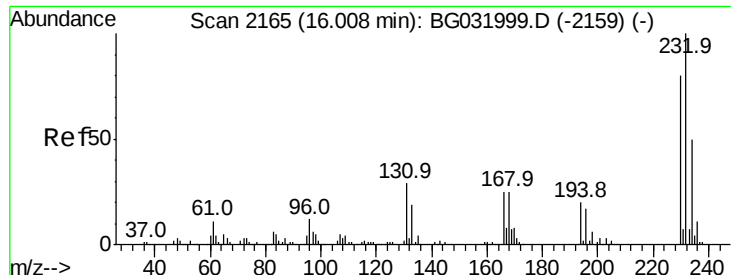
Delta R.T. -0.01 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.9	80.6	121.0	
167	13.8	10.4	15.6	





#58

2,3,4,6-Tetrachlorophenol

Concen: 39.601 ng

RT: 15.97 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

ClientSampleId :

AB-2(0-2)MS

Tot Ion:232 Resp: 134108

Ion Ratio Lower Upper

232 100

131 29.4 33.5 50.3#

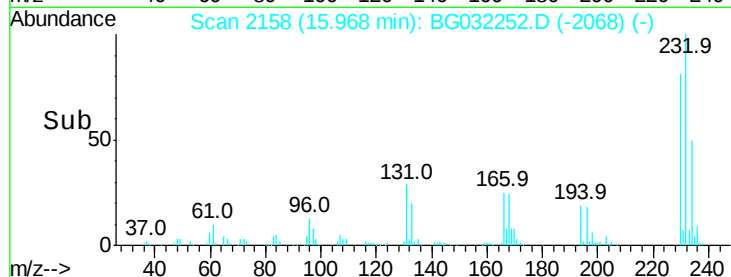
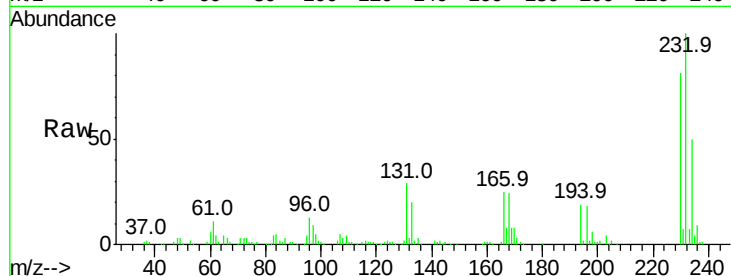
130 2.0 2.2 3.2#

166 23.0 24.8 37.2#

Manual Integrations
APPROVED

Sohil

1/24/2018 2:49:24 PM

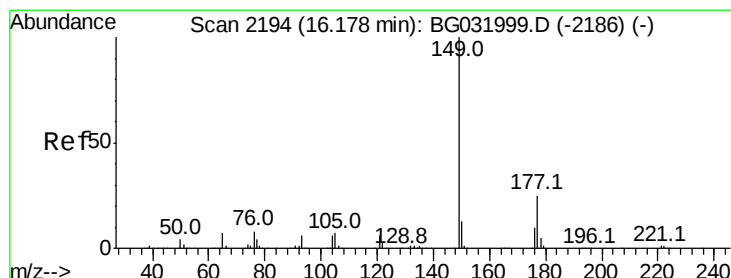
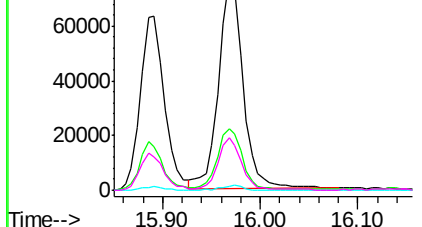


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 38.596 ng

RT: 16.13 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

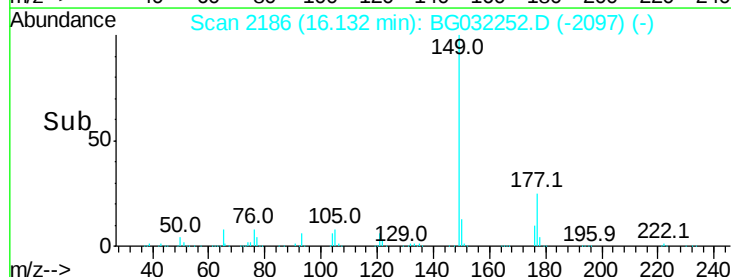
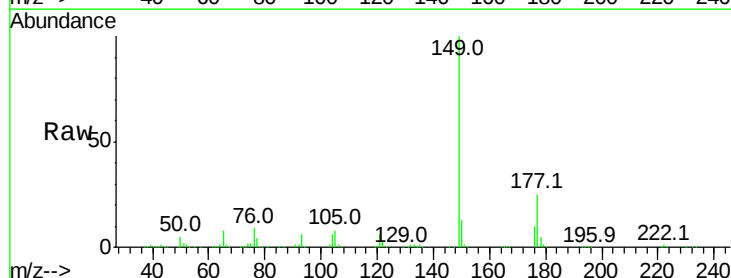
Tgt Ion:149 Resp: 422808

Ion Ratio Lower Upper

149 100

177 24.8 18.5 27.7

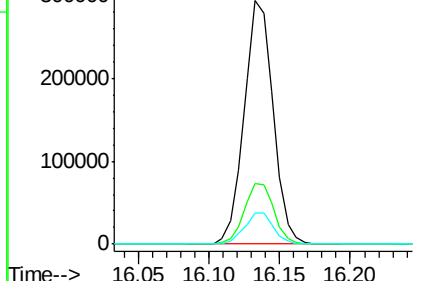
150 12.6 10.2 15.2

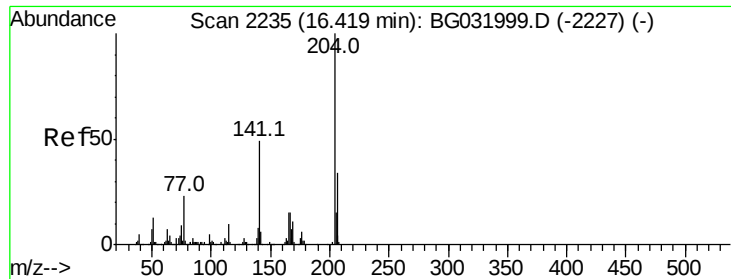


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





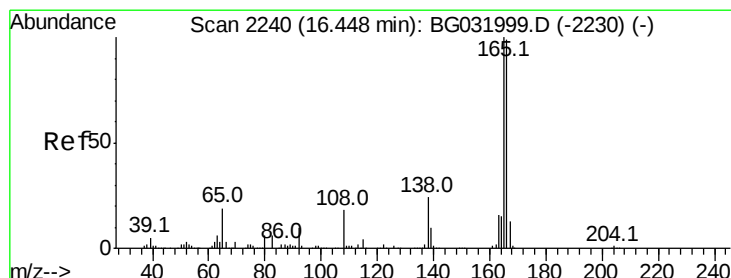
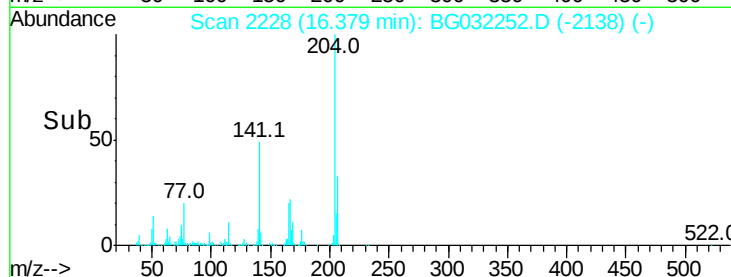
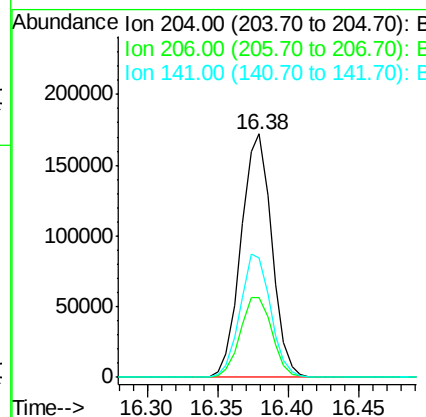
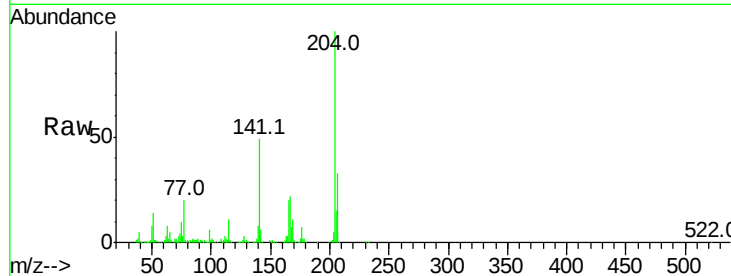
#60
4-Chlorophenyl-phenylether
Concen: 40.196 ng
RT: 16.38 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampled :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	48.8	45.8	68.6

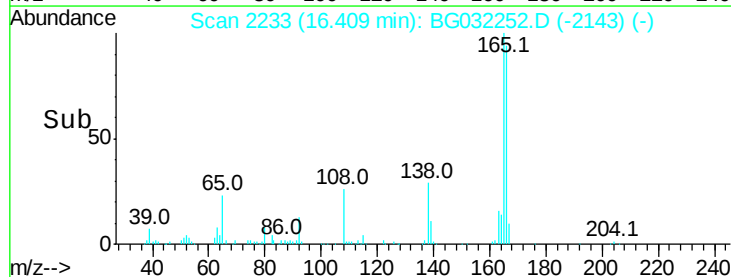
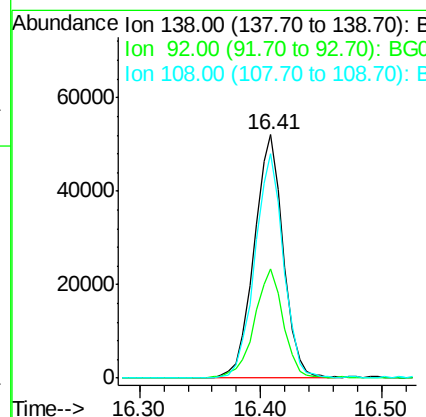
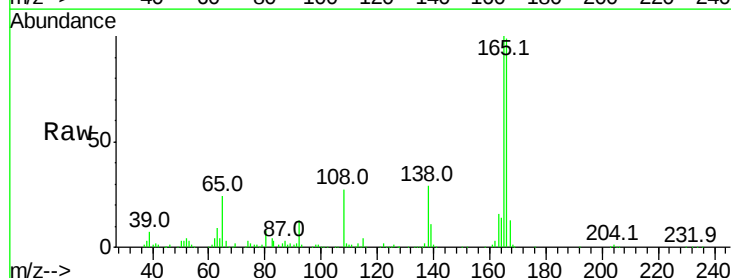
Manual Integrations
APPROVED

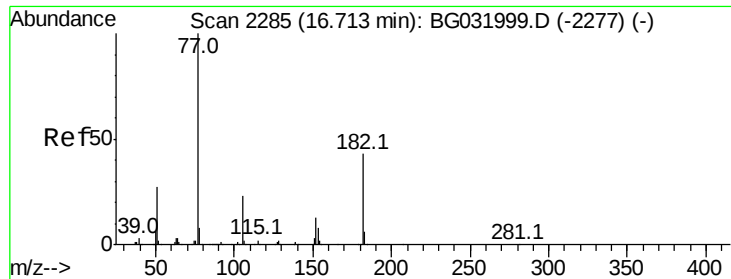
Sohil
1/24/2018 2:49:24 PM



#61
4-Nitroaniline
Concen: 42.935 ng
RT: 16.41 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.8	40.1	80.1
108	92.2	65.4	105.4





#62

Azobenzene

Concen: 39.871 ng

RT: 16.67 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

ClientSampled :

AB-2(0-2)MS

Tot Ion: 77 Resp: 273380

Ion Ratio Lower Upper

77 100

182 46.1 7.4 47.4

105 22.3 0.3 40.3

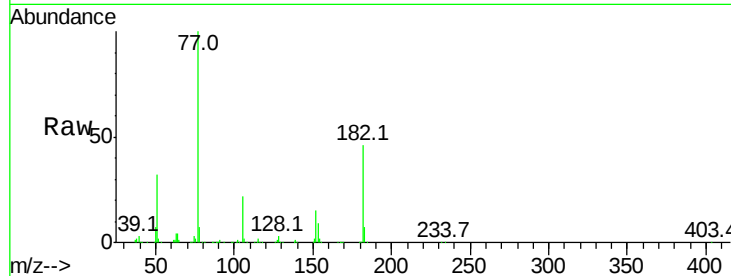
51 32.0 11.6 51.6

Manual Integrations

APPROVED

Sohil

1/24/2018 2:49:24 PM



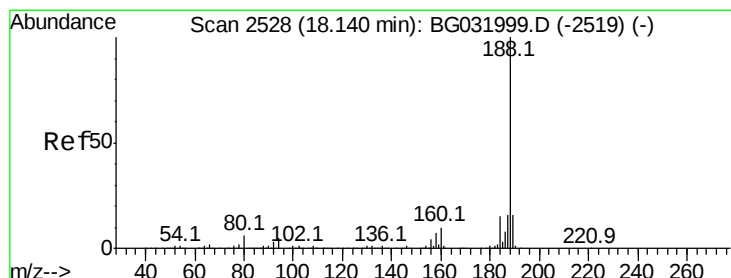
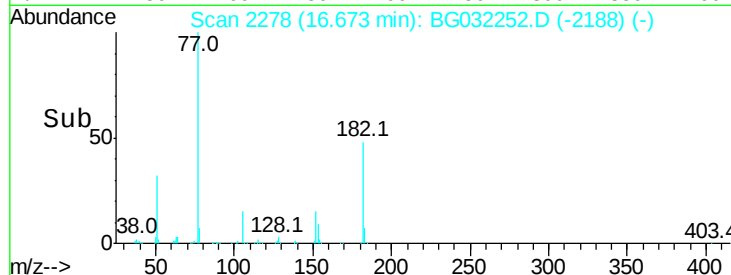
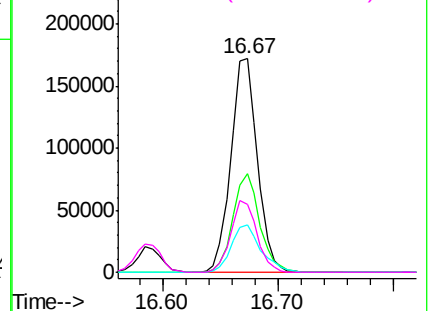
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

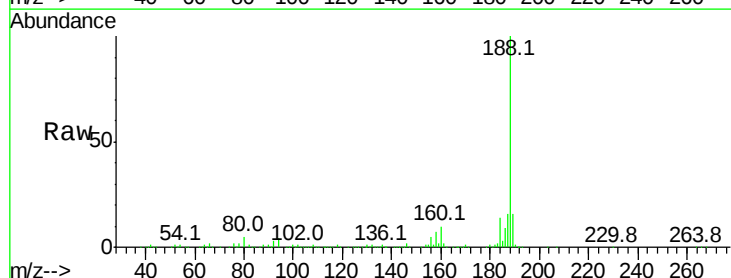
Tgt Ion: 188 Resp: 328624

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

80 5.5 7.7 11.5#

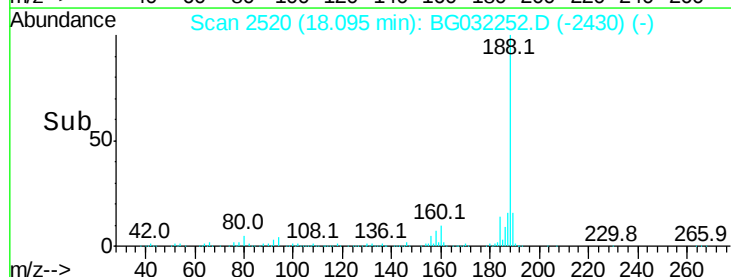
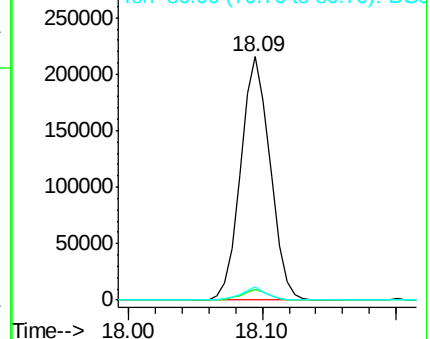


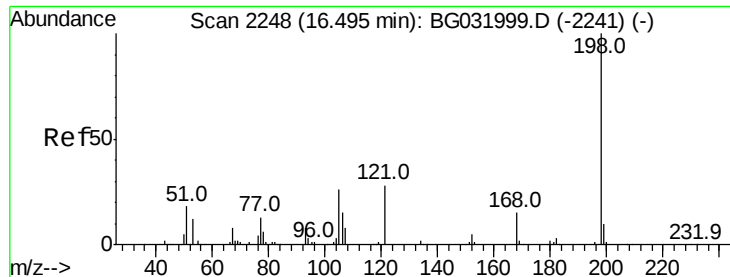
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





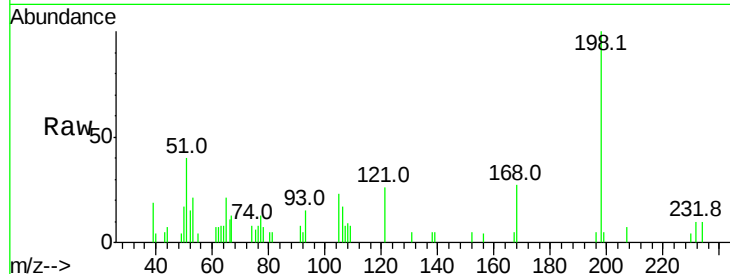
#64
4,6-Dinitro-2-methylphenol
Concen: 7.605 ng
RT: 16.46 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

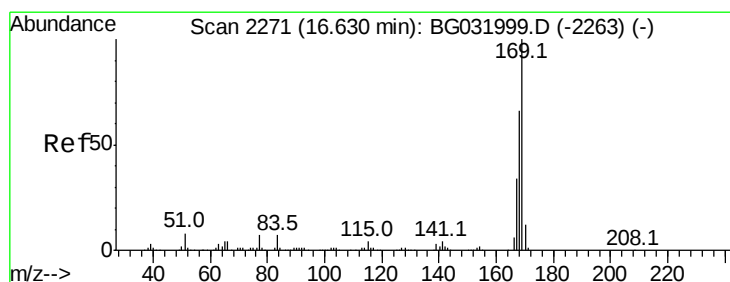
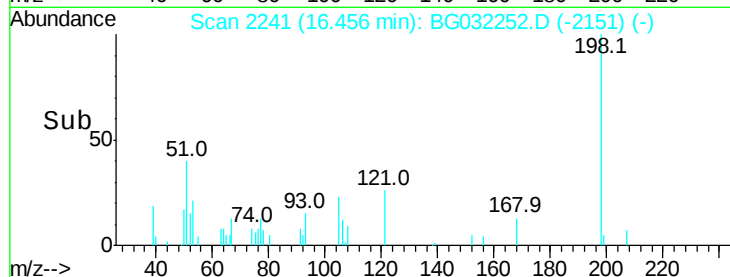
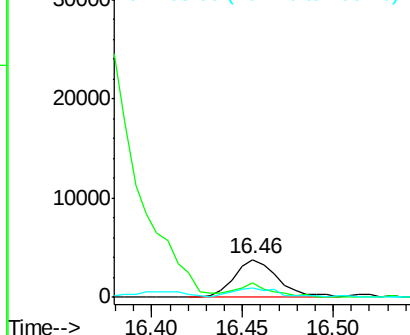
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.9	30.6	70.6
105	23.3	23.8	63.8

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



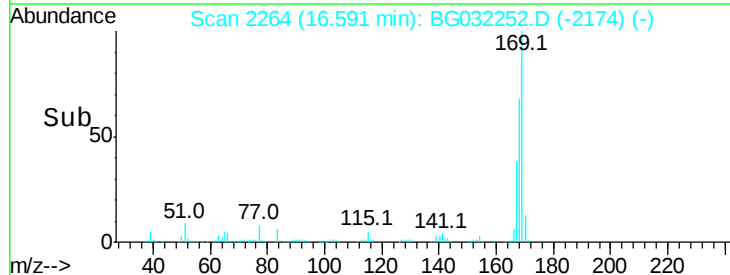
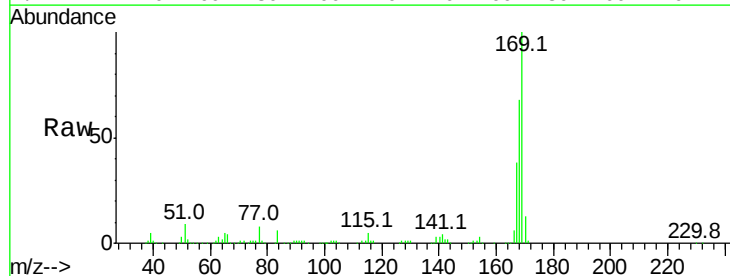
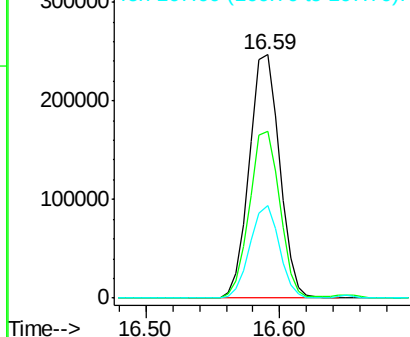
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGO
Ion 105.00 (104.70 to 105.70): E

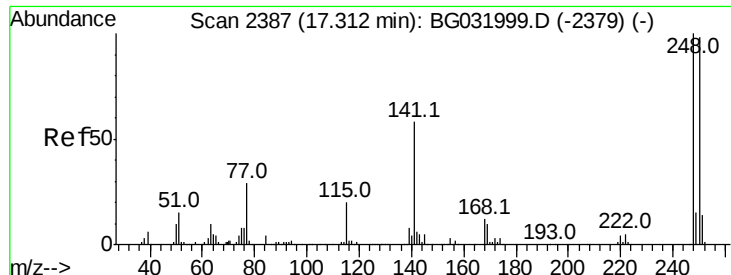


#65
n-Nitrosodiphenylamine
Concen: 38.694 ng
RT: 16.59 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.7	83.5
167	38.1	30.1	45.1

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





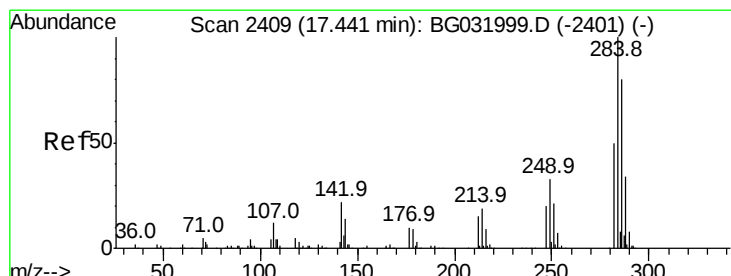
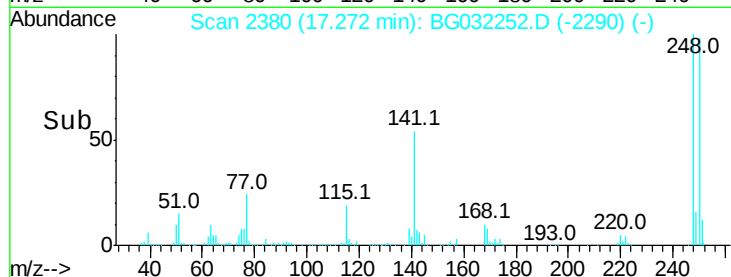
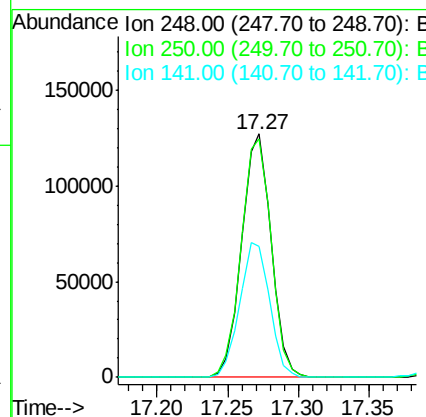
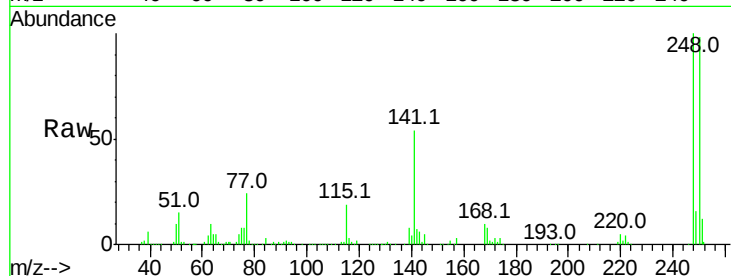
#66
4-Bromophenyl-phenylether
Concen: 39.651 ng
RT: 17.27 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.1	115.7
141	53.7	50.8	76.2

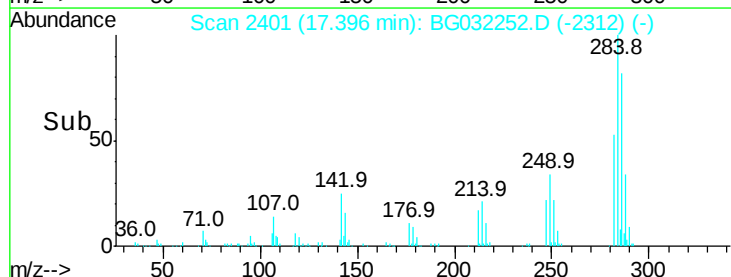
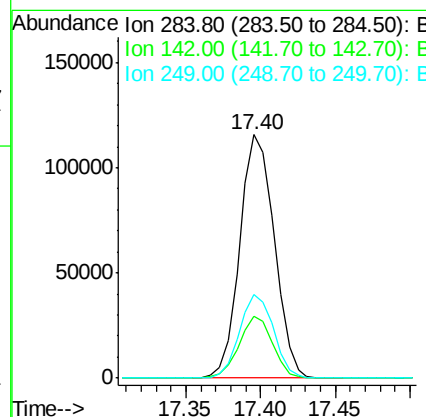
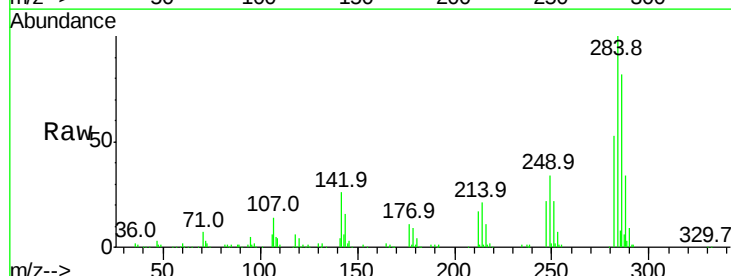
Manual Integrations
APPROVED

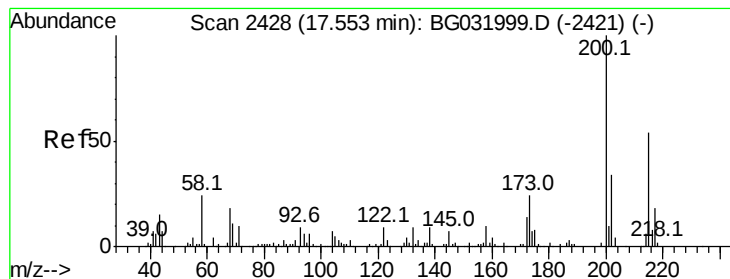
Sohil
1/24/2018 2:49:24 PM



#67
Hexachlorobenzene
Concen: 35.858 ng
RT: 17.40 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	26.8	40.2#
249	34.1	26.3	39.5





#68

Atrazine

Concen: 41.308 ng

RT: 17.51 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

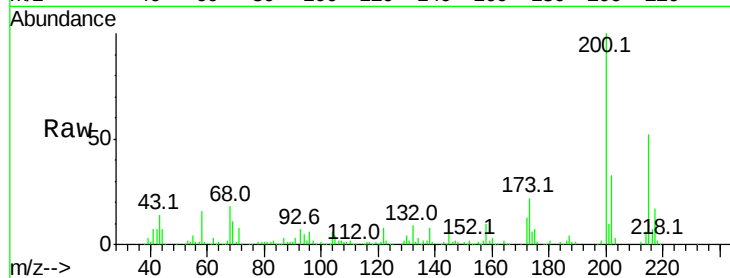
ClientSampleId :

AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.8	5.2	45.2
215	52.0	30.4	70.4

Manual Integrations
APPROVED

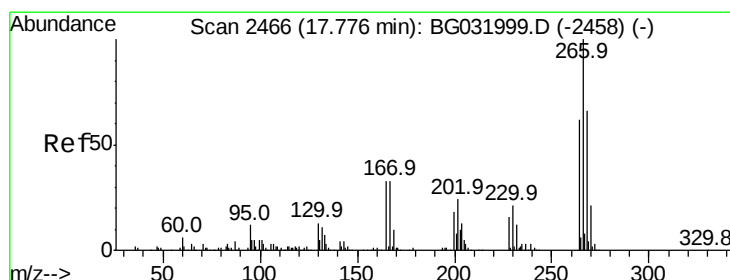
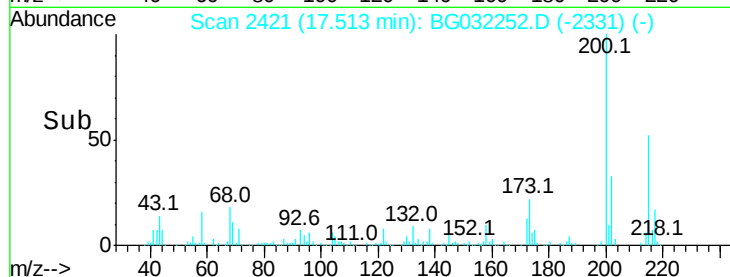
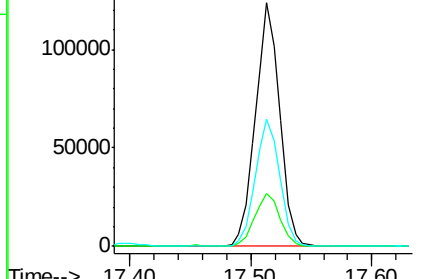
Sohil
1/24/2018 2:49:24 PM



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: 17.164 ng

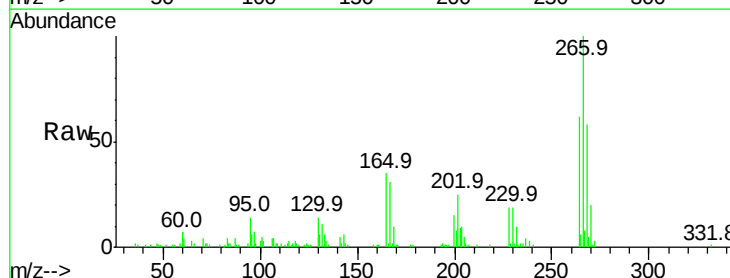
RT: 17.73 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

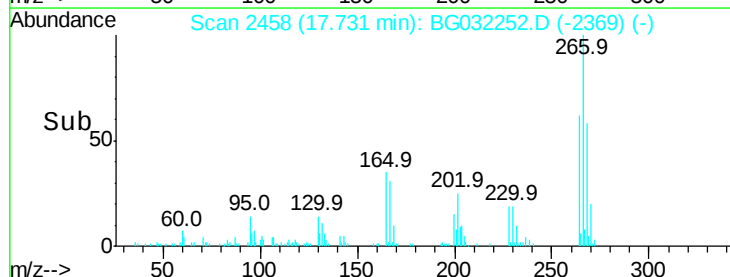
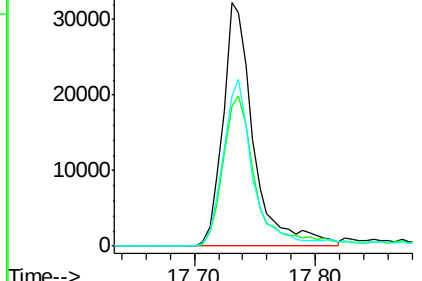
Tgt Ion	Ratio	Lower	Upper
266	100		
268	57.7	51.1	76.7
264	61.6	49.6	74.4

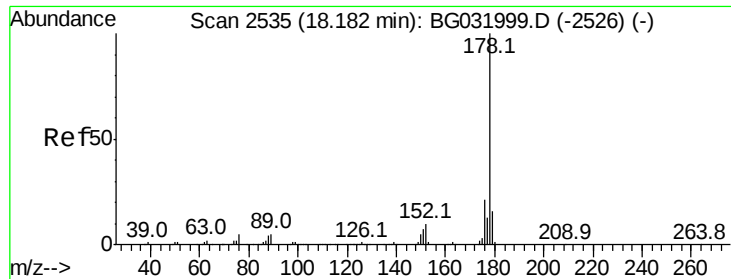


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





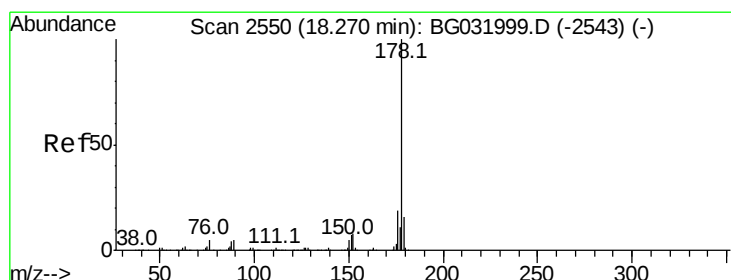
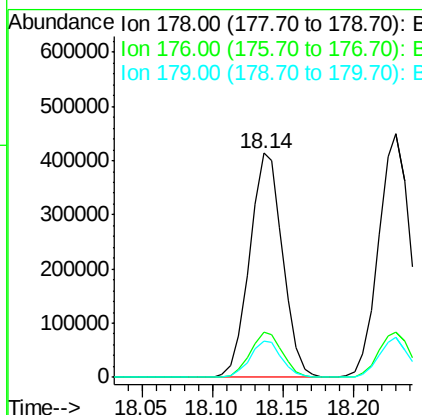
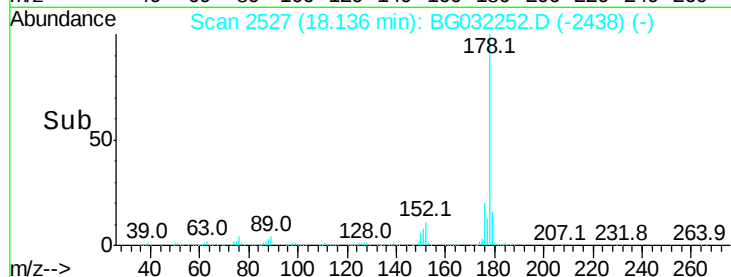
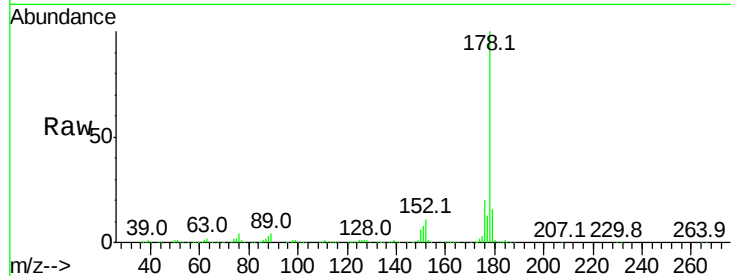
#70
Phenanthrene
Concen: 37.066 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.2	12.5	18.7

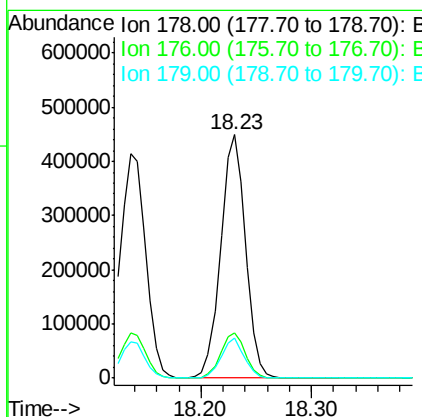
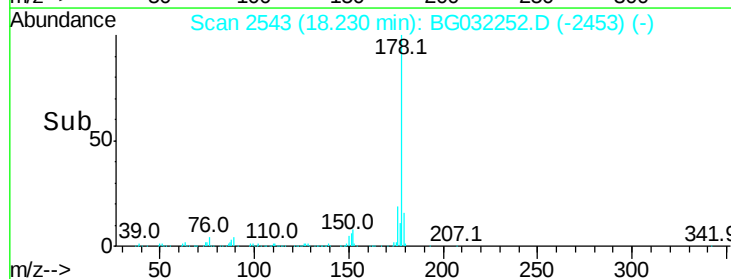
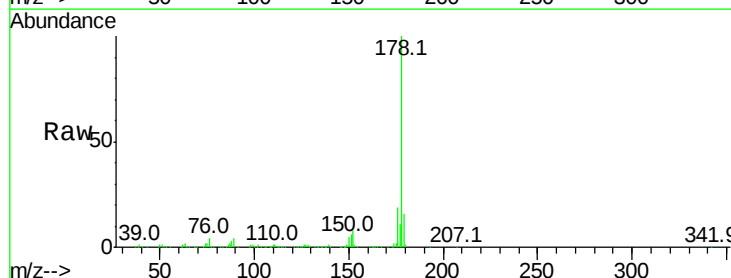
Manual Integrations
APPROVED

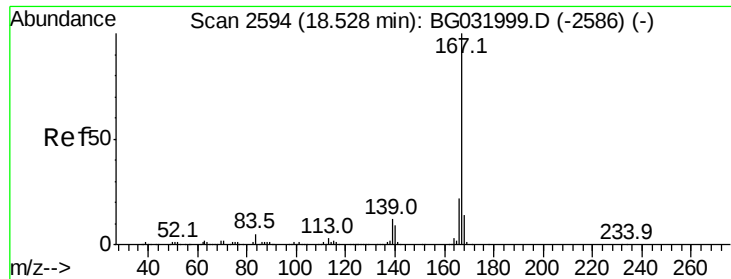
Sohil
1/24/2018 2:49:24 PM



#71
Anthracene
Concen: 38.476 ng
RT: 18.23 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	16.4	12.5	18.7





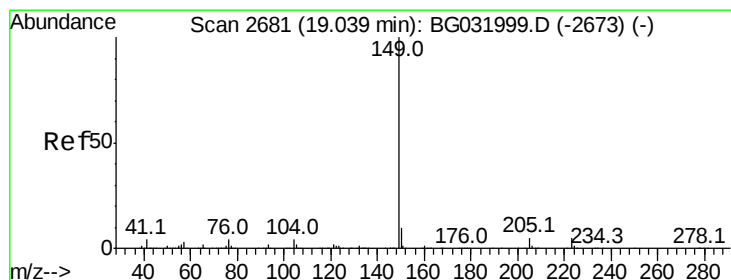
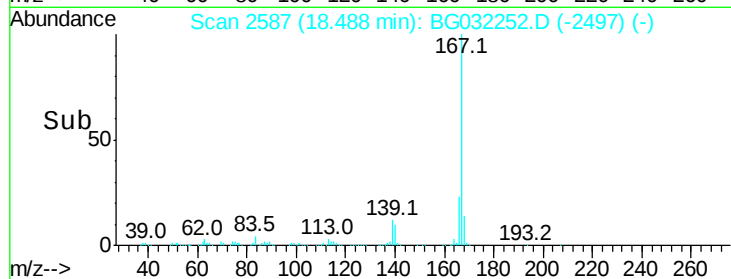
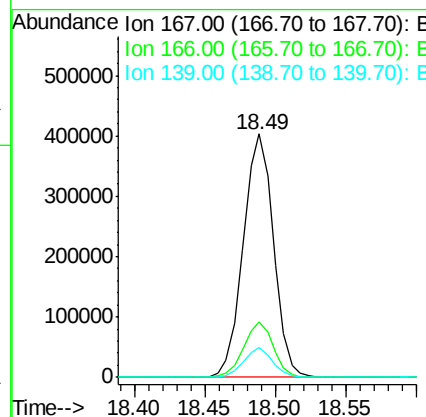
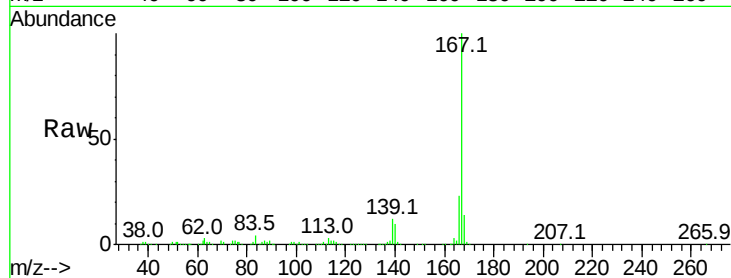
#72
 Carbazole
 Concen: 38.262 ng
 RT: 18.49 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: BG032252.D
 Acq: 24 Jan 2018 8:41

Instrument :
 BNA_G
 ClientSampled :
 AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	12.2	9.4	14.2

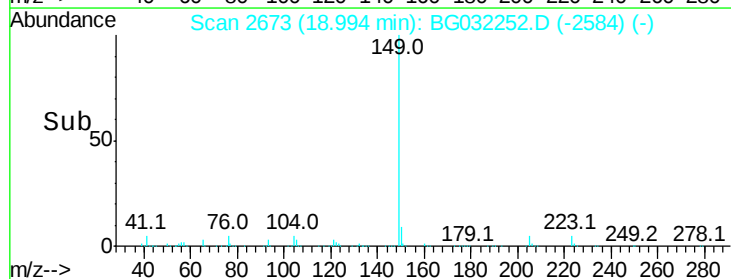
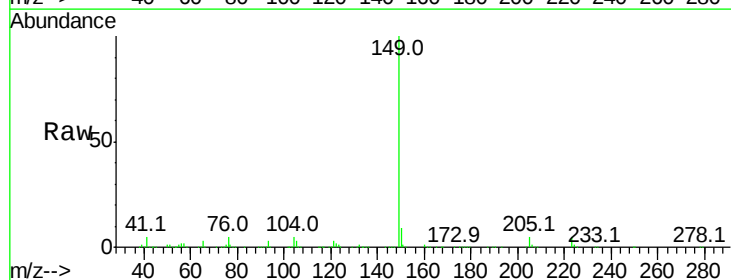
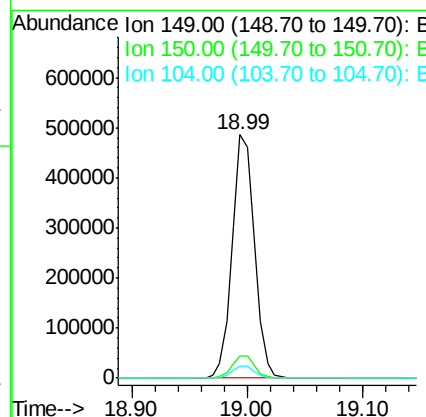
Manual Integrations
 APPROVED

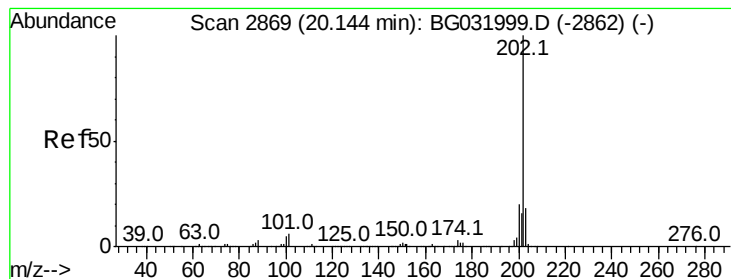
Sohil
 1/24/2018 2:49:24 PM



#73
 Di-n-butylphthalate
 Concen: 34.768 ng
 RT: 18.99 min Scan# 2673
 Delta R.T. -0.01 min
 Lab File: BG032252.D
 Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	5.1	3.9	5.9





#74

Fluoranthene

Concen: 38.418 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

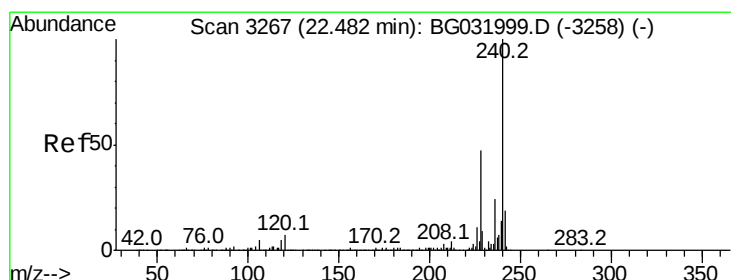
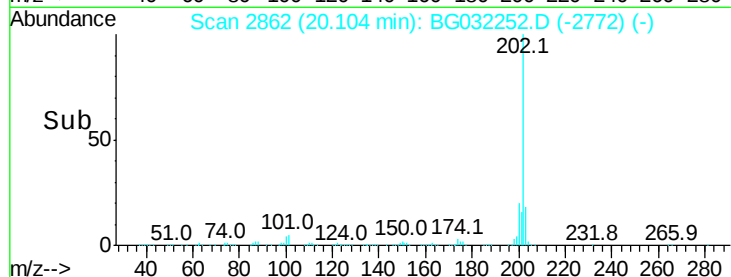
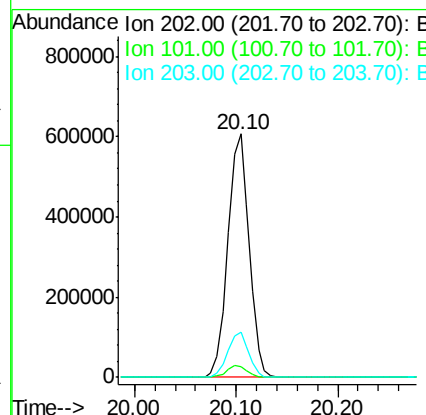
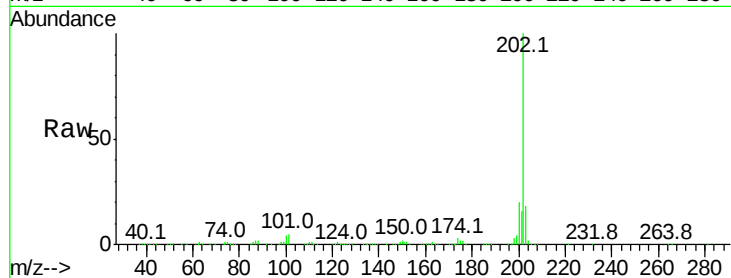
ClientSampleId :

AB-2(0-2)MS

Tot Ion:	202	Resp:	880094
Ion Ratio	Lower	Upper	
202	100		
101	4.6	0.0	28.9
203	18.4	0.0	37.5

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#75

Chrysene-d12

Concen: 20.000 ng

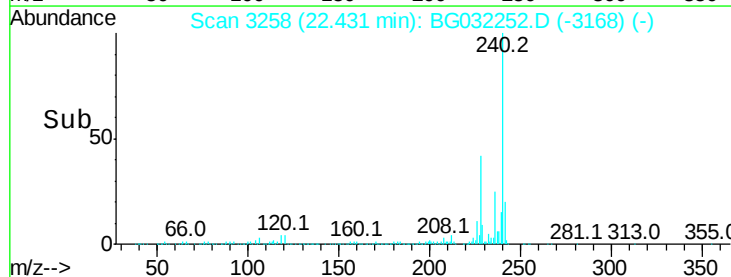
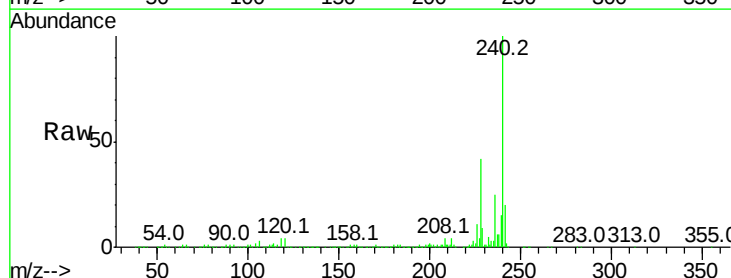
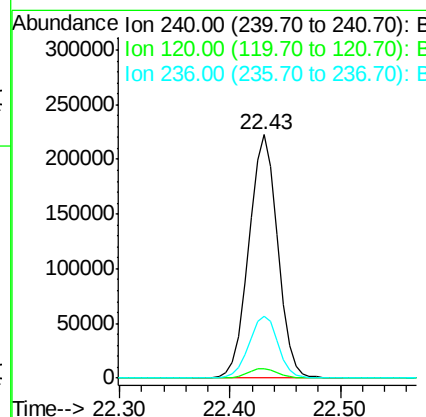
RT: 22.43 min Scan# 3258

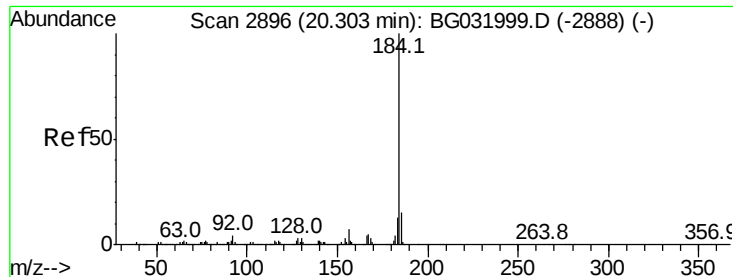
Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion:	240	Resp:	408513
Ion Ratio	Lower	Upper	
240	100		
120	4.1	6.8	10.2#
236	25.3	20.9	31.3





#76

Benzidine

Concen: 6.826 ng

RT: 20.26 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

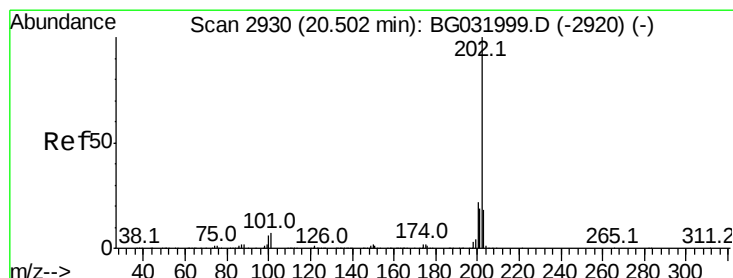
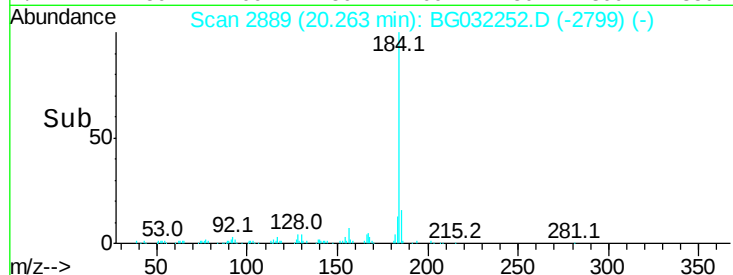
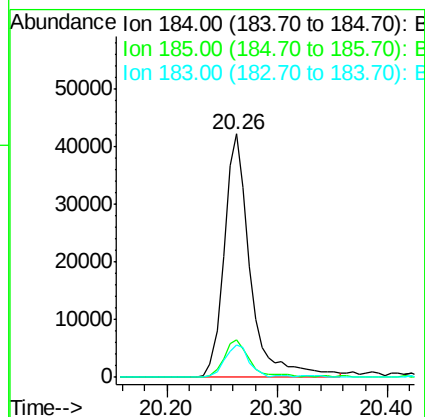
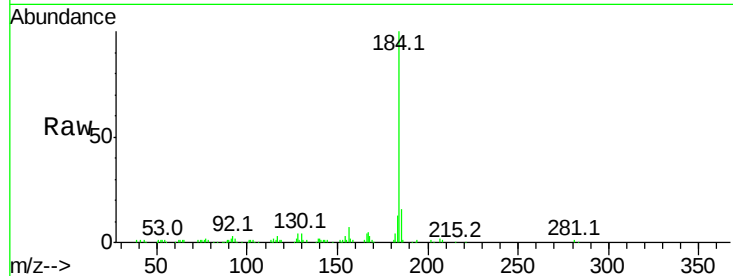
ClientSampleId :

AB-2(0-2)MS

Tot Ion:	184	Resp:	69735
Ion Ratio	Lower	Upper	
184	100		
185	15.5	11.1	16.7
183	13.3	10.6	16.0

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#77

Pyrene

Concen: 34.516 ng

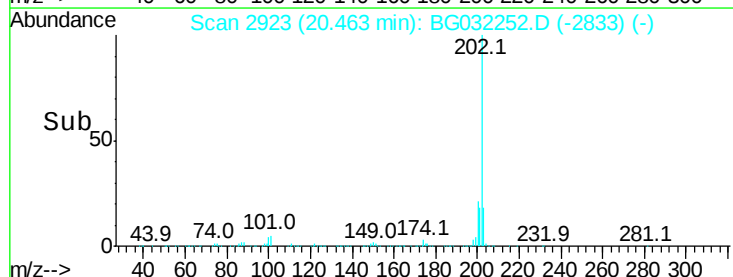
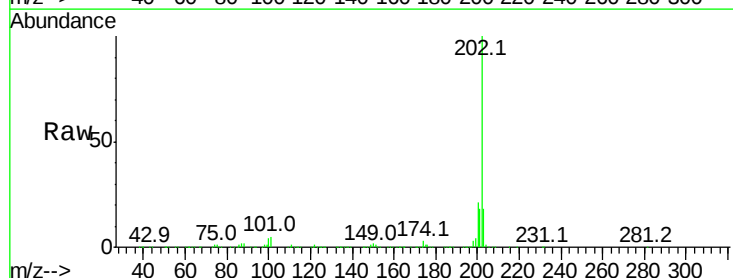
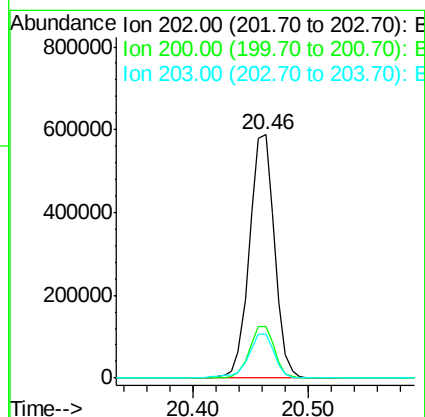
RT: 20.46 min Scan# 2923

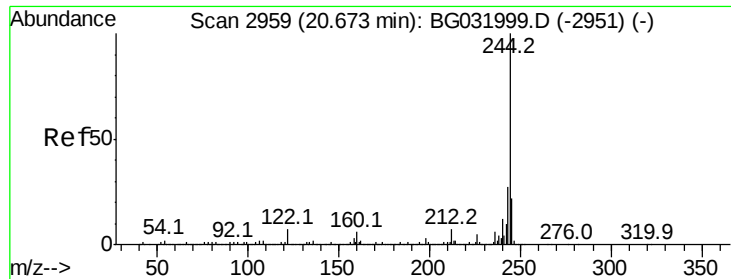
Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion:	202	Resp:	886393
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	18.3	13.9	20.9





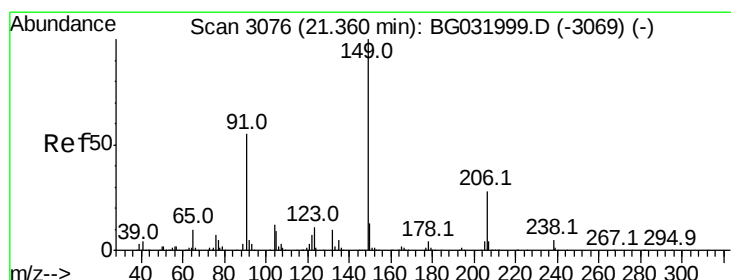
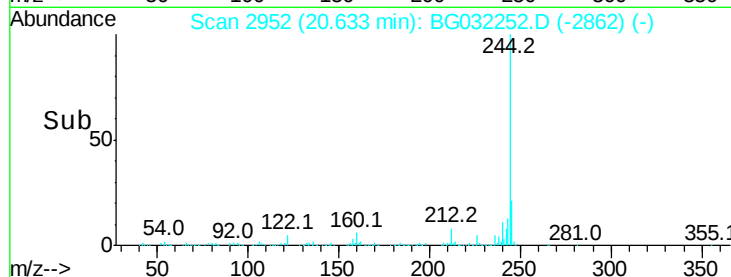
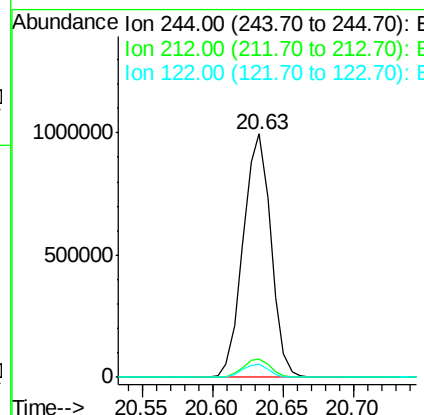
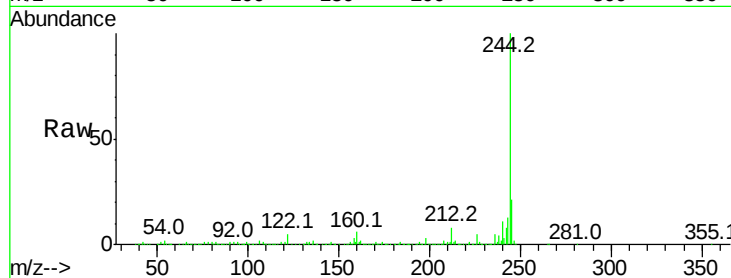
#78
 Terphenyl-d14
 Concen: 73.906 ng
 RT: 20.63 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BG032252.D
 Acq: 24 Jan 2018 8:41

Instrument :
 BNA_G
 ClientSampled :
 AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.4	7.0	10.4

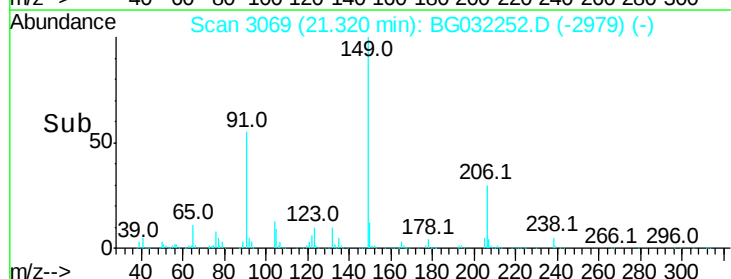
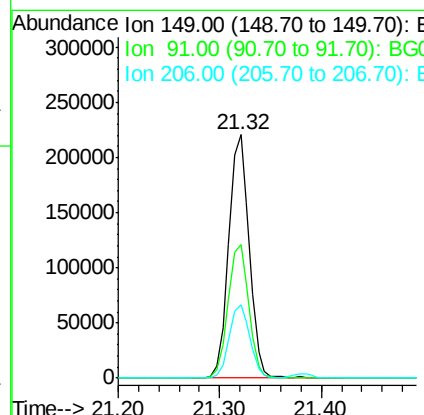
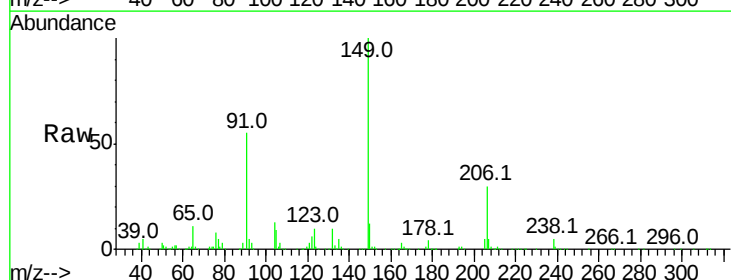
Manual Integrations
 APPROVED

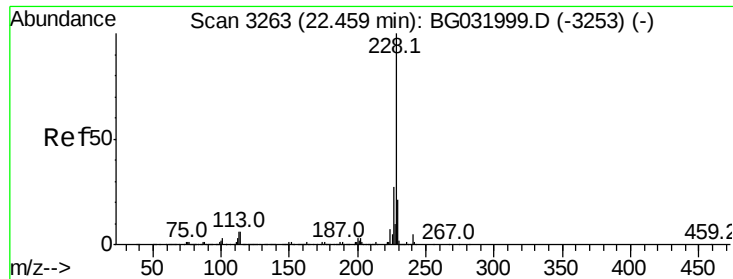
Sohil
 1/24/2018 2:49:24 PM



#79
 Butylbenzylphthalate
 Concen: 33.601 ng
 RT: 21.32 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: BG032252.D
 Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	55.1	62.2	93.2
206	30.4	18.6	27.8





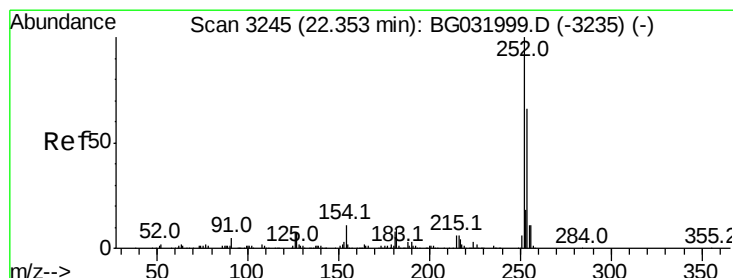
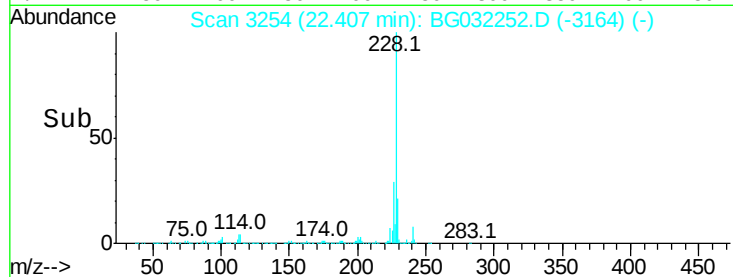
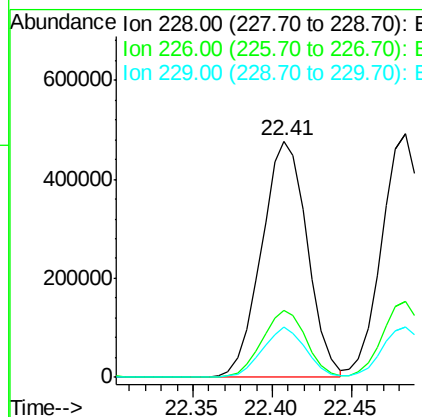
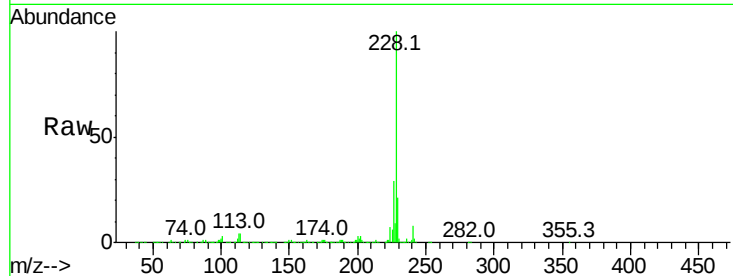
#80
Benzo(a)anthracene
Concen: 37.470 ng
RT: 22.41 min Scan# 3254
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.1	16.2	24.2

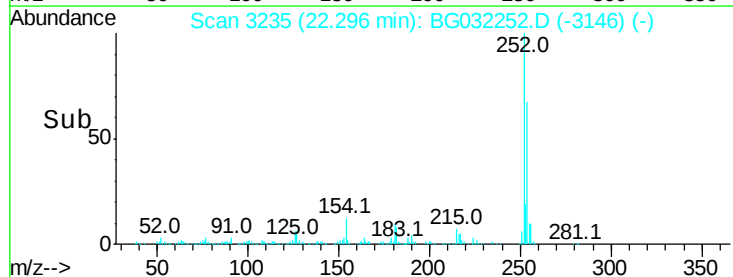
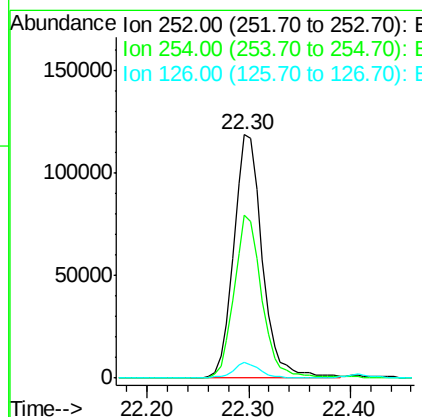
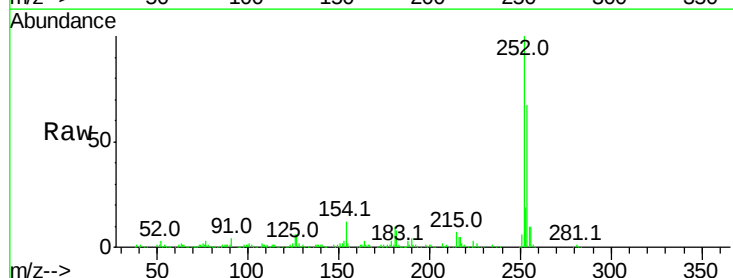
Manual Integrations
APPROVED

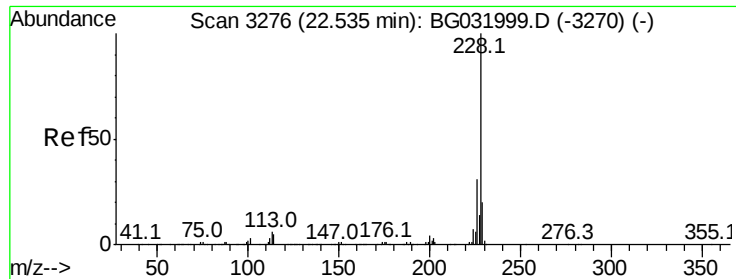
Sohil
1/24/2018 2:49:24 PM



#81
3,3'-Dichlorobenzidine
Concen: 24.407 ng
RT: 22.30 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.1	50.8	76.2
126	6.3	7.4	11.2#





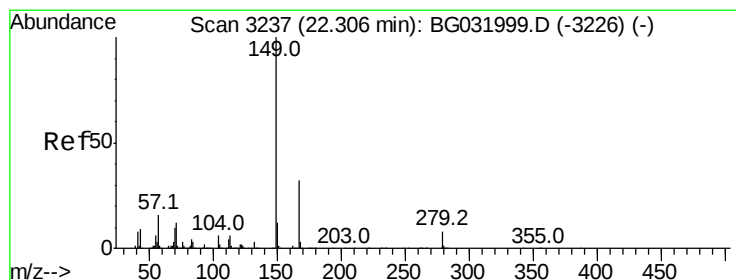
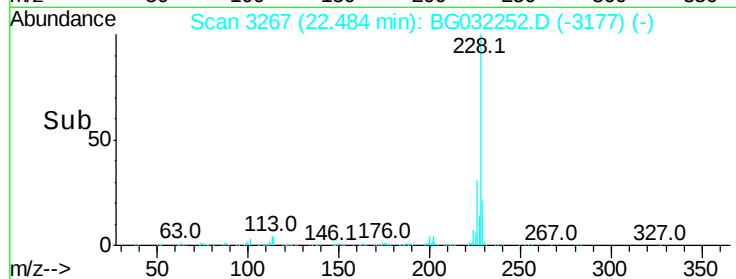
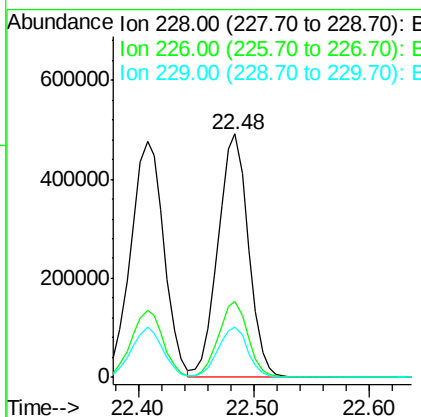
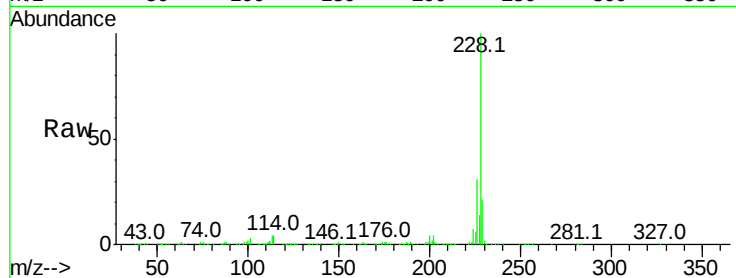
#82
 Chrysene
 Concen: 36.634 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. 0.00 min
 Lab File: BG032252.D
 Acq: 24 Jan 2018 8:41

Instrument :
 BNA_G
 ClientSampleId :
 AB-2(0-2)MS

Tot Ion:	228	Resp:	893817
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.9	37.3
229	20.6	15.0	22.4

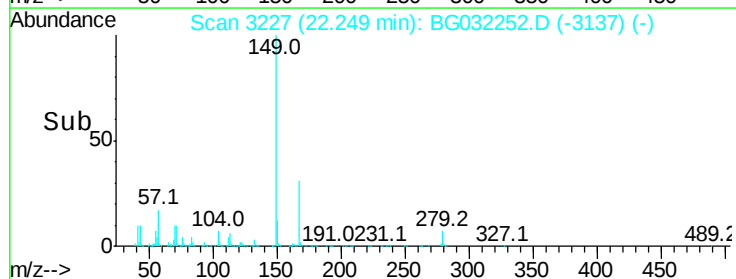
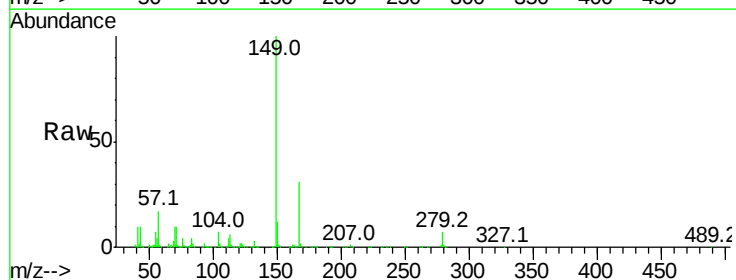
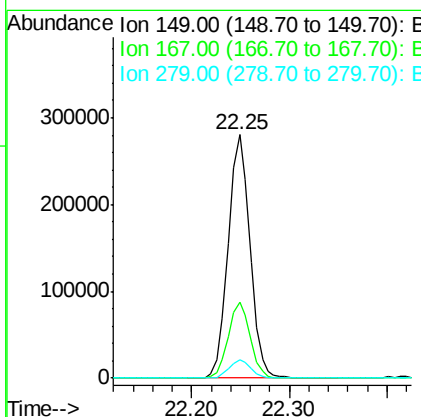
Manual Integrations
 APPROVED

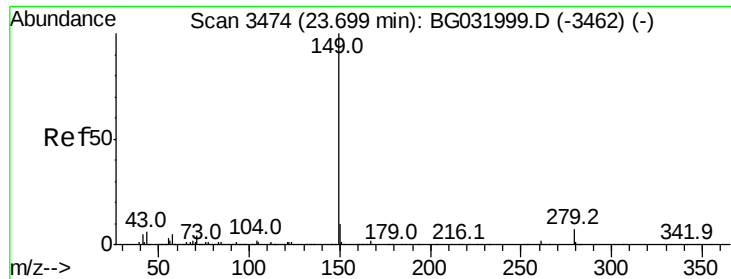
Sohil
 1/24/2018 2:49:24 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.253 ng
 RT: 22.25 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: BG032252.D
 Acq: 24 Jan 2018 8:41

Tgt Ion:	149	Resp:	435174
Ion Ratio	Lower	Upper	
149	100		
167	31.3	24.3	36.5
279	7.4	4.0	6.0#





#84

Di-n-octyl phthalate

Concen: 35.819 ng

RT: 23.62 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

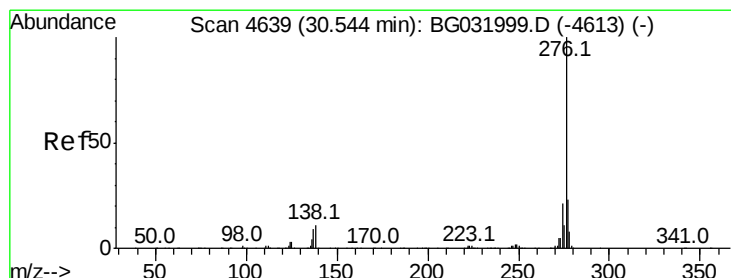
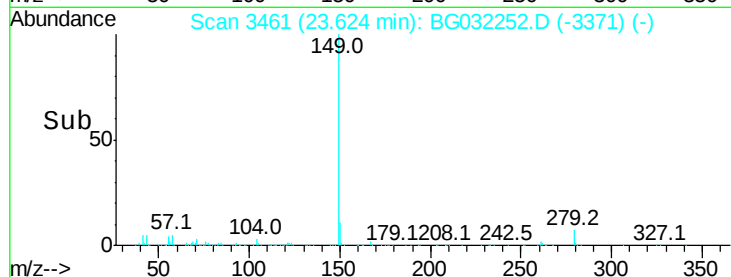
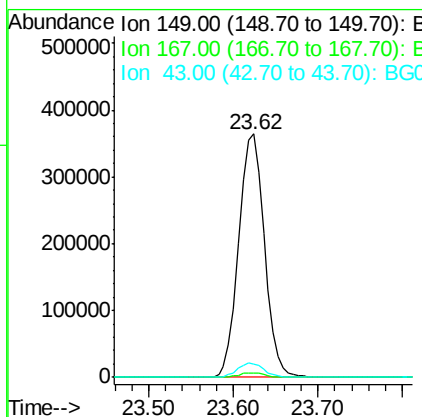
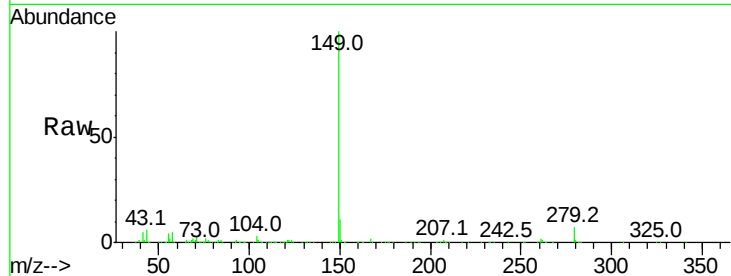
ClientSampleId :

AB-2(0-2)MS

Tot Ion:	149	Resp:	767569
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	5.9	8.9	13.3#

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 34.140 ng

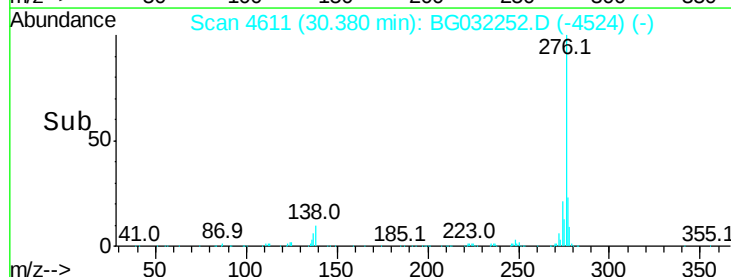
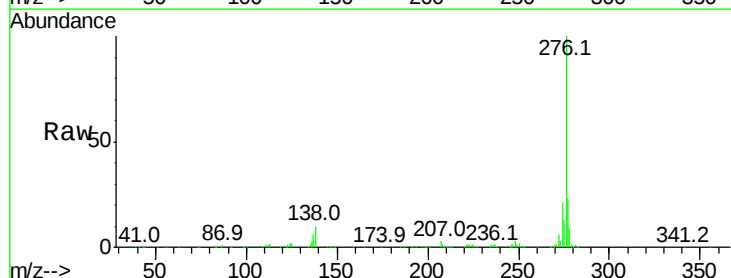
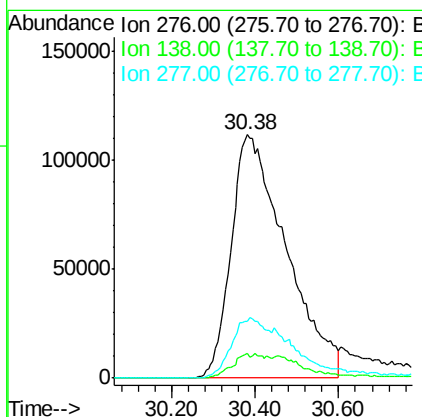
RT: 30.38 min Scan# 4611

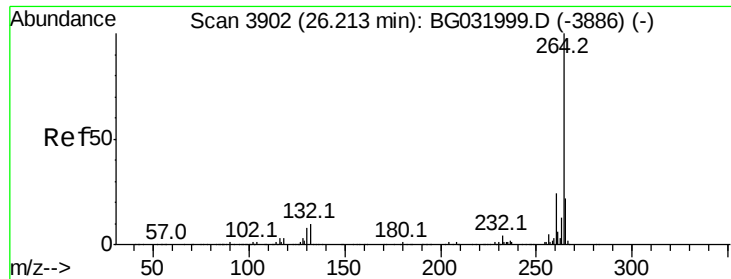
Delta R.T. -0.02 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion:	276	Resp:	1019387
Ion Ratio	Lower	Upper	
276	100		
138	3.4	16.0	24.0#
277	16.0	20.0	30.0#





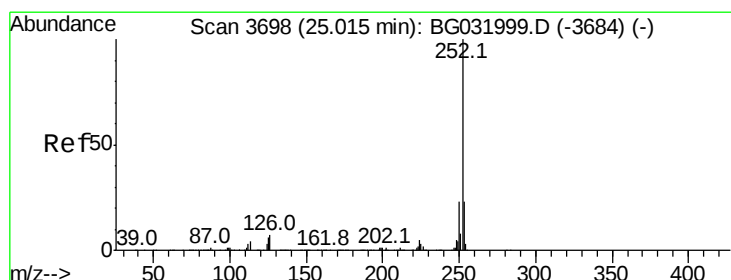
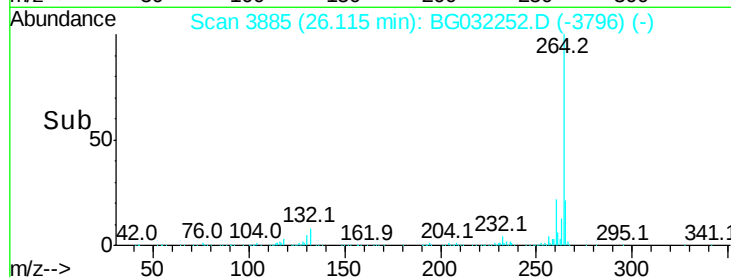
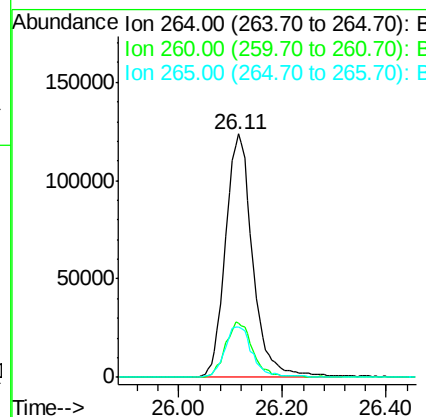
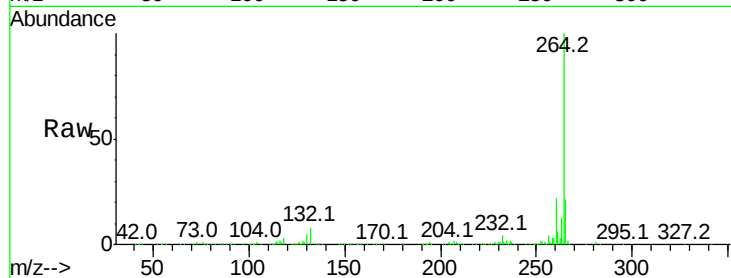
#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.11 min Scan# 3885
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	20.9	17.7	26.5

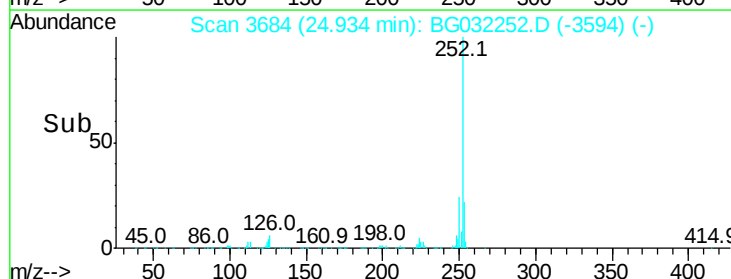
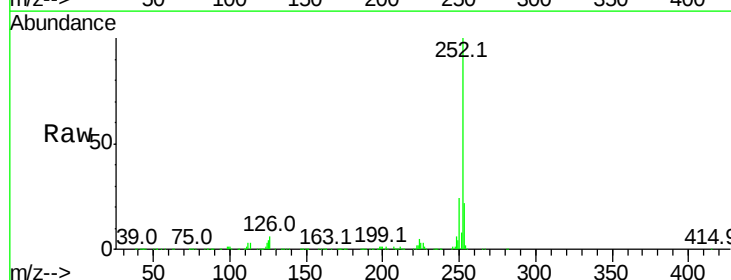
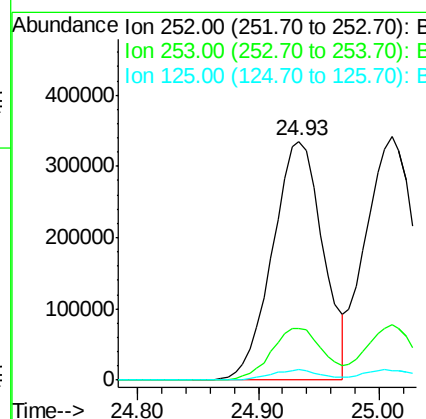
Manual Integrations
APPROVED

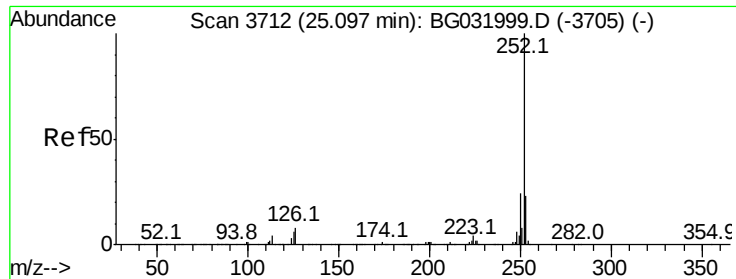
Sohil
1/24/2018 2:49:24 PM



#87
Benzo(b)fluoranthene
Concen: 35.489 ng
RT: 24.93 min Scan# 3684
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	4.4	7.2	10.8#





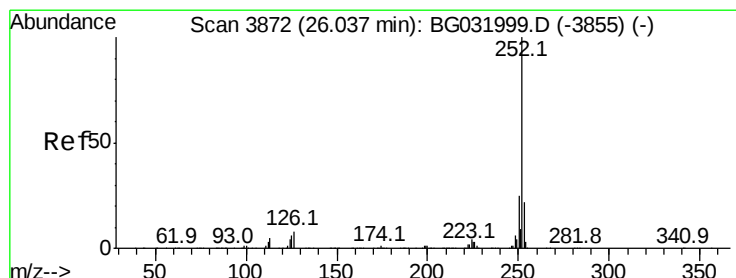
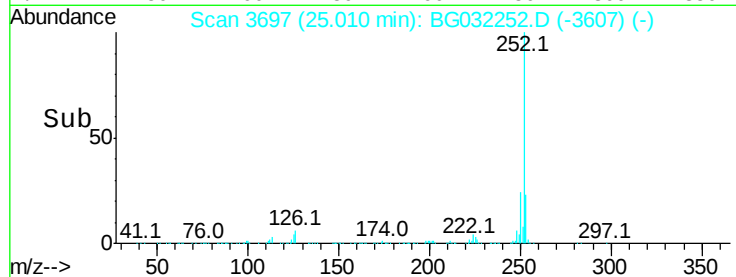
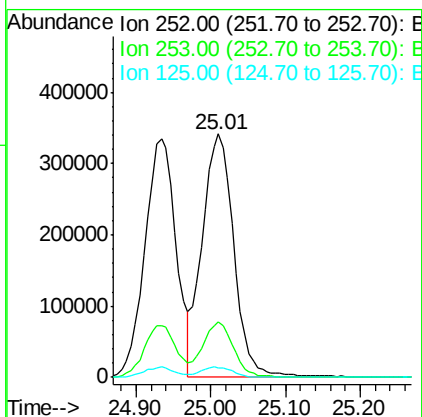
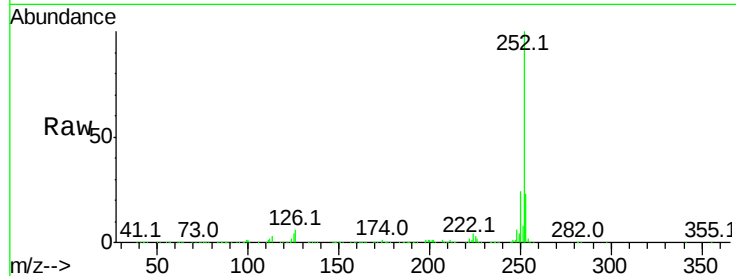
#88
Benzo(k)fluoranthene
Concen: 37.357 ng
RT: 25.01 min Scan# 3697
Delta R.T. 0.00 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Instrument :
BNA_G
ClientSampleId :
AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	4.1	6.6	9.8

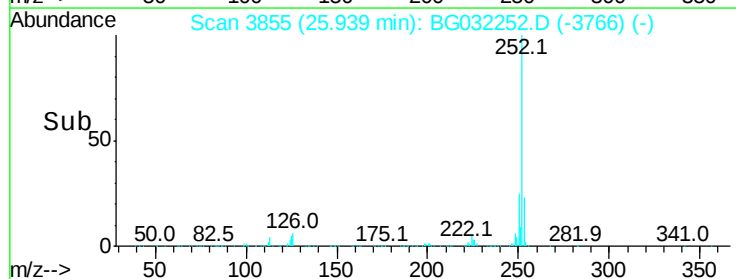
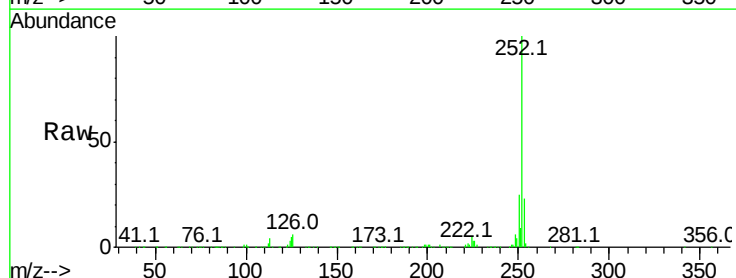
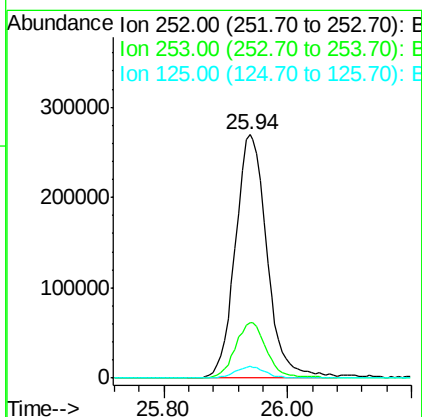
Manual Integrations
APPROVED

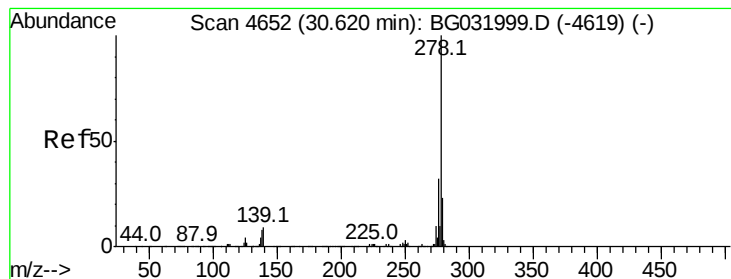
Sohil
1/24/2018 2:49:24 PM



#89
Benzo(a)pyrene
Concen: 37.080 ng
RT: 25.94 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BG032252.D
Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	4.7	7.3	10.9





#90

Dibenzo(a,h)anthracene

Concen: 35.853 ng

RT: 30.46 min Scan# 4625

Delta R.T. -0.01 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Instrument :

BNA_G

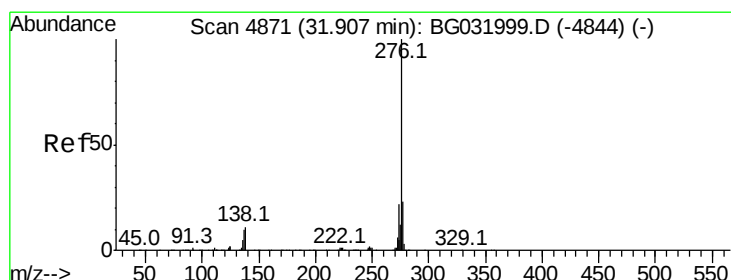
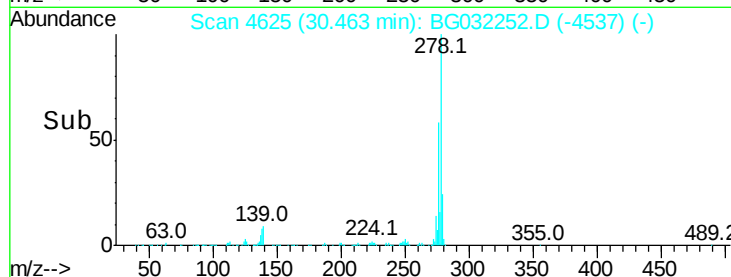
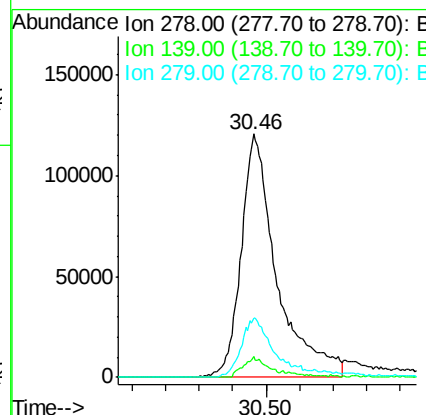
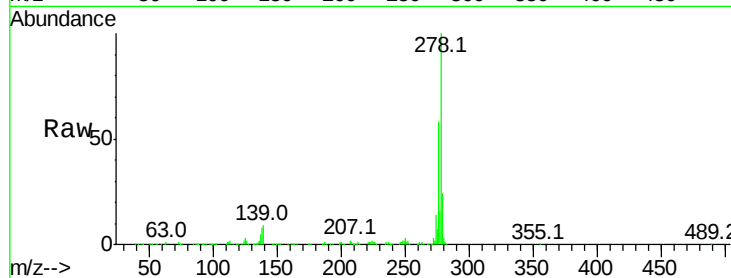
ClientSampleId :

AB-2(0-2)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	9.8	14.6#
279	24.2	18.4	27.6

Manual Integrations
APPROVED

Sohil
1/24/2018 2:49:24 PM



#91

Benzo(g,h,i)perylene

Concen: 32.747 ng

RT: 31.73 min Scan# 4840

Delta R.T. -0.01 min

Lab File: BG032252.D

Acq: 24 Jan 2018 8:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.3	27.5
138	9.7	13.9	20.9#

