

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033099.D
 Acq On : 12 Mar 2018 21:12
 Operator : SJ/JU
 Sample : PB107243BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:20:36 PM

Quant Time: Mar 13 04:15:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	38864	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	179841	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	107216	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	249268	20.00	ng	0.00
75) Chrysene-d12	22.60	240	241205	20.00	ng	0.00
86) Perylene-d12	26.40	264	259662	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	236991	97.56	ng	0.00
7) Phenol-d6	8.01	99	319843	94.46	ng	0.00
23) Nitrobenzene-d5	10.11	82	279421	105.16	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	123022	109.13	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	630121	84.76	ng	0.00
78) Terphenyl-d14	20.77	244	919640	85.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	36231	34.366	ng	# 92
3) Pyridine	4.41	79	107902	37.133	ng	91
4) n-Nitrosodimethylamine	4.32	42	62817	53.920	ng	# 81
6) Aniline	8.19	93	77140	16.831	ng	97
8) 2-Chlorophenol	8.45	128	123558	46.469	ng	95
9) Benzaldehyde	8.00	77	54456	27.905	ng	95
10) Phenol	8.03	94	162453	47.594	ng	99
11) bis(2-Chloroethyl)ether	8.28	93	108537	38.888	ng	99
12) 1,3-Dichlorobenzene	8.79	146	119390	38.336	ng	98
13) 1,4-Dichlorobenzene	8.95	146	123472	39.388	ng	95
14) 1,2-Dichlorobenzene	9.28	146	115995	38.614	ng	95
15) Benzyl Alcohol	9.14	79	109545	44.007	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.43	45	215492	44.912	ng	99
17) 2-Methylphenol	9.33	107	108722	43.196	ng	97
18) Hexachloroethane	10.04	117	43163	40.440	ng	# 84
19) n-Nitroso-di-n-propylamine	9.72	70	94903	39.701	ng	# 92
20) 3+4-Methylphenols	9.67	107	151869	43.395	ng	96
22) Acetophenone	9.75	105	174435	38.406	ng	# 97
24) Nitrobenzene	10.15	77	134661	47.092	ng	93
25) Isophorone	10.67	82	255133	40.418	ng	96
26) 2-Nitrophenol	10.88	139	63710	58.358	ng	95
27) 2,4-Dimethylphenol	10.91	122	132988	48.498	ng	90
28) bis(2-Chloroethoxy)methane	11.15	93	152769	41.544	ng	98
29) 2,4-Dichlorophenol	11.42	162	119560	48.040	ng	93
30) 1,2,4-Trichlorobenzene	11.65	180	110128	37.749	ng	96
31) Naphthalene	11.85	128	376012	40.013	ng	99
32) Benzoic acid	11.01	122	64272	40.607	ng	87
33) 4-Chloroaniline	11.94	127	71628	17.047	ng	97
34) Hexachlorobutadiene	12.11	225	63059	38.535	ng	97
35) Caprolactam	12.68	113	45880	46.040	ng	89
36) 4-Chloro-3-methylphenol	12.99	107	144410	49.862	ng	95
37) 2-Methylnaphthalene	13.39	142	277733	40.850	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	122482	38.483	ng	# 97
40) Hexachlorocyclopentadiene	13.72	237	152139	93.795	ng	89

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033099.D
 Acq On : 12 Mar 2018 21:12
 Operator : SJ/JU
 Sample : PB107243BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

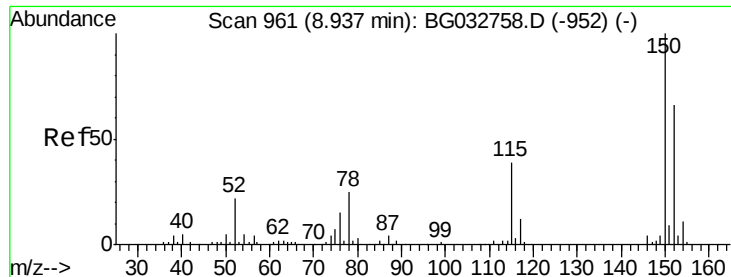
Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:20:36 PM

Quant Time: Mar 13 04:15:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	92280	45.976	nq	99
43) 2,4,5-Trichlorophenol	14.04	196	103198	44.424	nq	# 94
45) 1,1'-Biphenyl	14.36	154	352248	37.597	nq	96
46) 2-Chloronaphthalene	14.42	162	270865	38.703	nq	97
47) 2-Nitroaniline	14.60	65	101640	55.622	nq	91
48) Acenaphthylene	15.26	152	450687	39.333	nq	99
49) Dimethylphthalate	14.95	163	357308	39.249	nq	100
50) 2,6-Dinitrotoluene	15.08	165	80395	52.362	nq	91
51) Acenaphthene	15.59	154	300655	42.132	nq	97
52) 3-Nitroaniline	15.41	138	53461	31.716	nq	# 88
53) 2,4-Dinitrophenol	15.61	184	52155	99.999	nq	87
54) Dibenzofuran	15.91	168	422428	41.574	nq	91
55) 4-Nitrophenol	15.68	139	124022	82.910	nq	91
56) 2,4-Dinitrotoluene	15.86	165	113631	60.204	nq	88
57) Fluorene	16.56	166	342464	40.836	nq	100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	88841m	49.258	nq	
59) Diethylphthalate	16.28	149	386789	40.282	nq	98
60) 4-Chlorophenyl-phenylether	16.53	204	173256	42.231	nq	91
61) 4-Nitroaniline	16.56	138	83350	42.922	nq	91
62) Azobenzene	16.82	77	362882	42.245	nq	96
64) 4,6-Dinitro-2-methylphenol	16.61	198	47505	59.597	nq	92
65) n-Nitrosodiphenylamine	16.74	169	317543	39.159	nq	99
66) 4-Bromophenyl-phenylether	17.42	248	107015	40.601	nq	# 87
67) Hexachlorobenzene	17.55	284	112735	39.579	nq	# 91
68) Atrazine	17.66	200	113505	42.524	nq	96
69) Pentachlorophenol	17.89	266	139353	77.672	nq	99
70) Phenanthrene	18.29	178	562885	40.476	nq	100
71) Anthracene	18.39	178	572864	41.031	nq	99
72) Carbazole	18.64	167	526413	38.253	nq	98
73) Di-n-butylphthalate	19.13	149	665179	39.400	nq	99
74) Fluoranthene	20.24	202	638398	41.558	nq	95
76) Benzidine	20.40	184	148298	18.037	nq	97
77) Pyrene	20.60	202	643090	37.807	nq	98
79) Butylbenzylphthalate	21.46	149	313218	41.532	nq	95
80) Benzo(a)anthracene	22.59	228	625412	40.434	nq	98
81) 3,3'-Dichlorobenzidine	22.47	252	114177	19.931	nq	# 96
82) Chrysene	22.66	228	584645	39.569	nq	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	449339	40.251	nq	# 95
84) Di-n-octyl phthalate	23.82	149	780039	45.842	nq	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	642042	37.260	nq	# 95
87) Benzo(b)fluoranthene	25.18	252	621996	40.513	nq	# 97
88) Benzo(k)fluoranthene	25.27	252	628157	41.168	nq	# 97
89) Benzo(a)pyrene	26.22	252	611100	41.848	nq	# 98
90) Dibenzo(a,h)anthracene	30.90	278	504490	34.322	nq	# 96
91) Benzo(g,h,i)perylene	32.20	276	549857	37.949	nq	# 95

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



#1

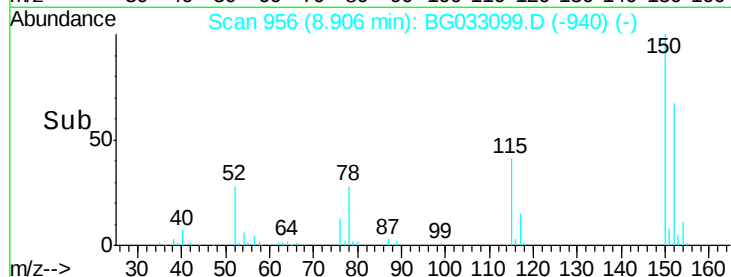
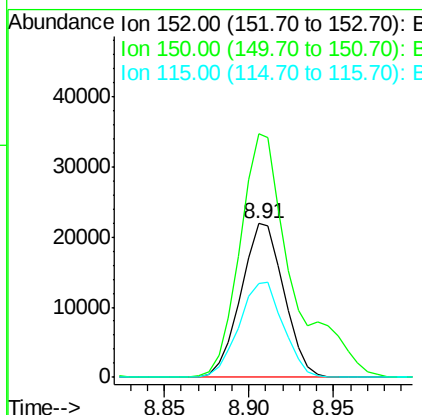
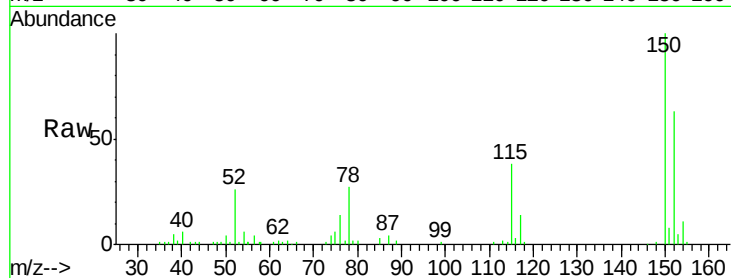
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.6	189.8
115	60.7	53.0	79.4

Manual Integrations
APPROVED

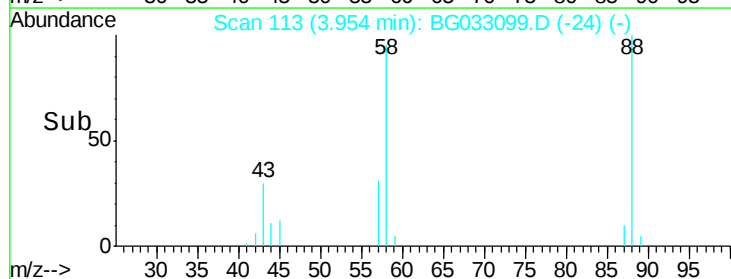
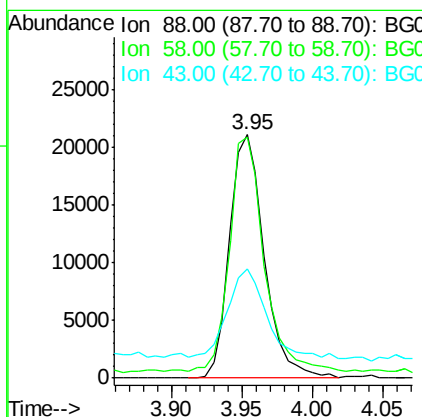
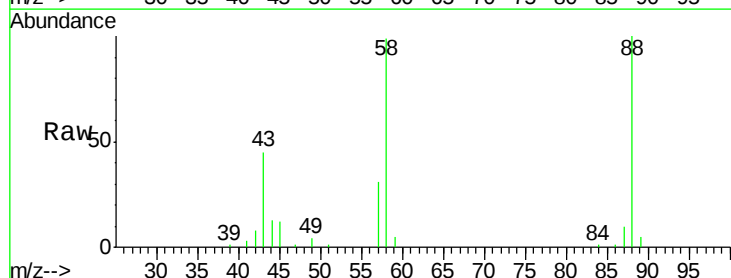
Sohil
3/13/2018 4:20:36 PM



#2

1,4-Dioxane
Concen: 34.366 ng
RT: 3.95 min Scan# 113
Delta R.T. -0.01 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.9	79.6	119.4
43	46.3	27.4	41.0





#3

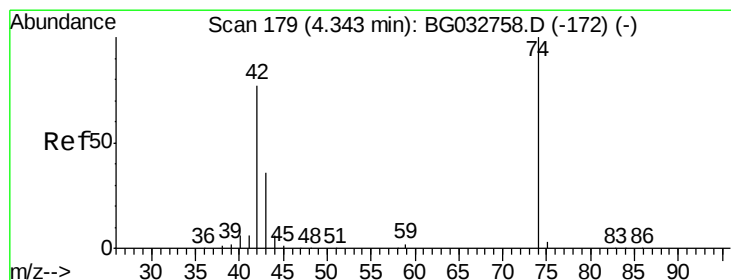
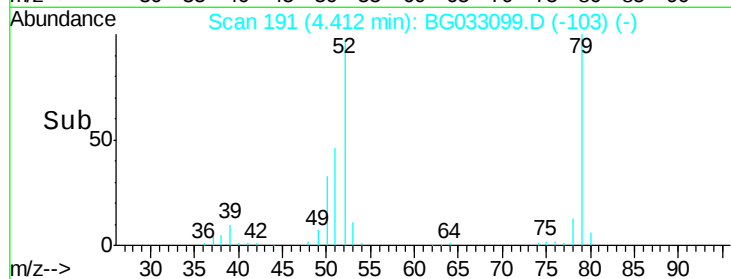
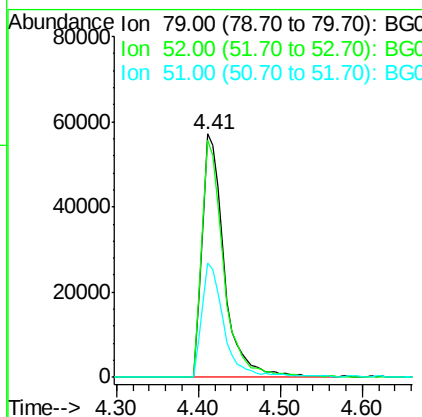
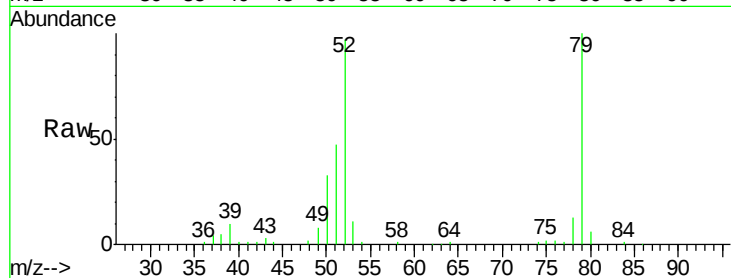
Pvridine
Concen: 37.133 ng
RT: 4.41 min Scan# 191
Delta R.T. -0.02 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	97.4	69.9	104.9	
51	46.7	34.0	51.0	

Manual Integrations
APPROVED

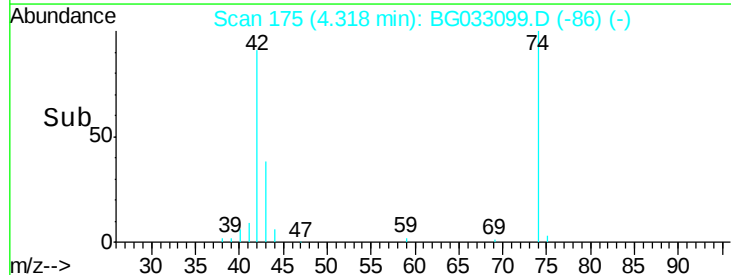
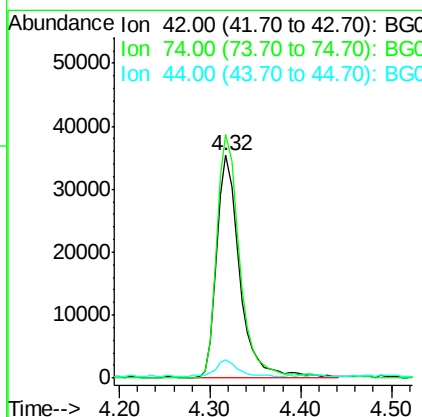
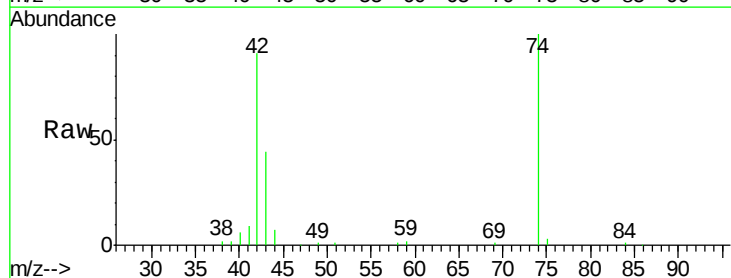
Sohil
3/13/2018 4:20:36 PM

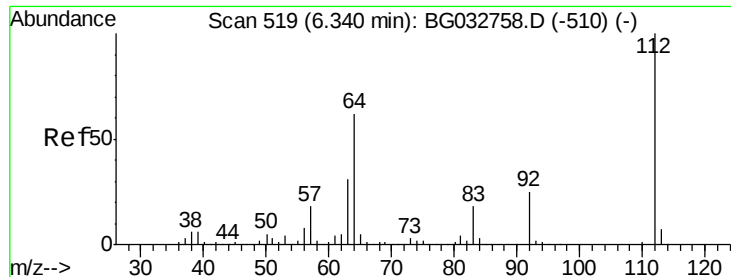


#4

n-Nitrosodimethylamine
Concen: 53.920 ng
RT: 4.32 min Scan# 175
Delta R.T. -0.01 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	109.3	102.5	153.7	
44	8.0	18.9	28.3	





#5

2-Fluorophenol

Concen: 97.558 ng

RT: 6.32 min Scan# 516

Delta R.T. -0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Instrument :

BNA_G

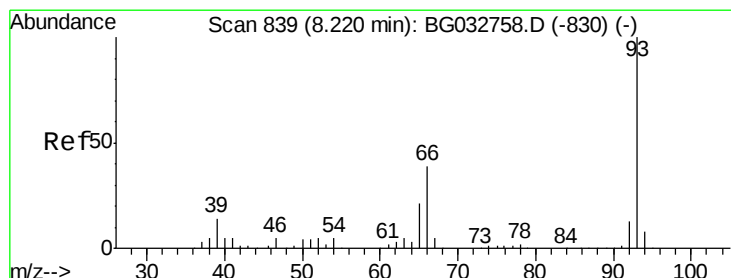
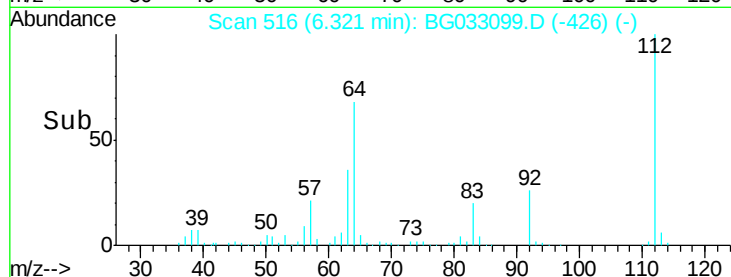
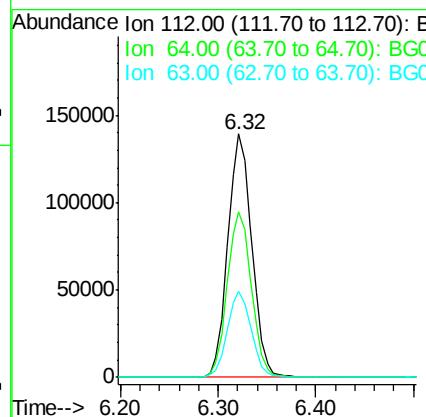
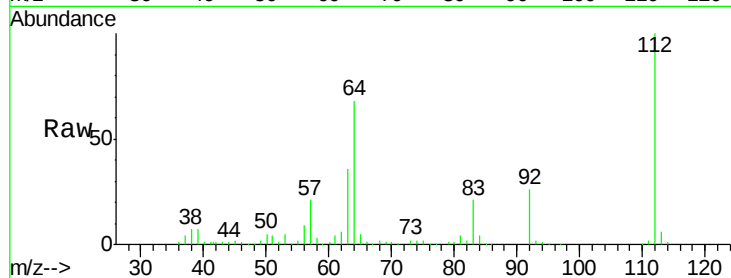
ClientSampleId :

PB107243BSD

Tot Ion:	112	Resp:	236991
Ion Ratio	Lower	Upper	
112	100		
64	68.3	56.3	84.5
63	35.6	30.1	45.1

Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



#6

Aniline

Concen: 16.831 ng

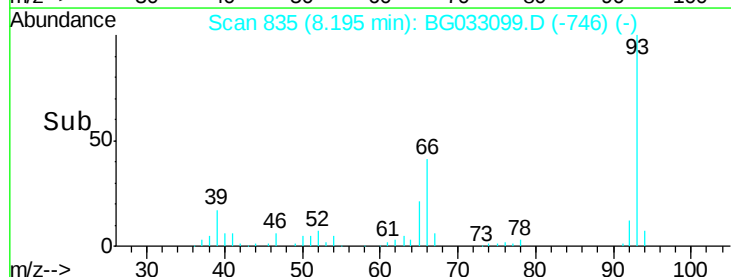
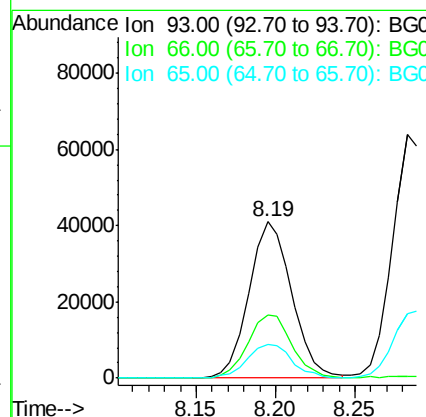
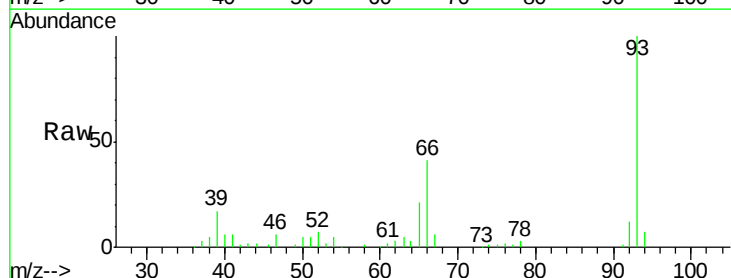
RT: 8.19 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Tgt Ion:	93	Resp:	77140
Ion Ratio	Lower	Upper	
93	100		
66	40.5	33.7	50.5
65	21.4	16.1	24.1





#7

Phenol-d6

Concen: 94.461 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Instrument :

BNA_G

ClientSampleId :

PB107243BSD

Tot Ion: 99 Resp: 319843

Ion Ratio Lower Upper

99 100

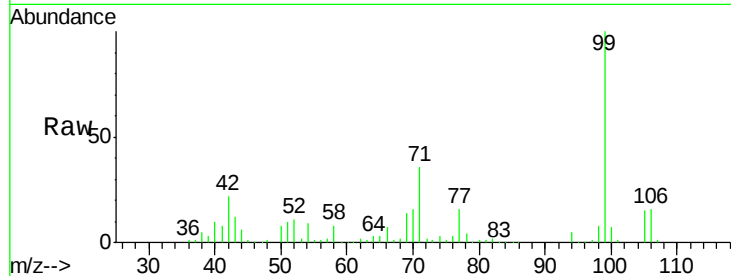
42 21.8 14.1 21.1#

71 35.9 26.1 39.1

Manual Integrations
APPROVED

Sohil

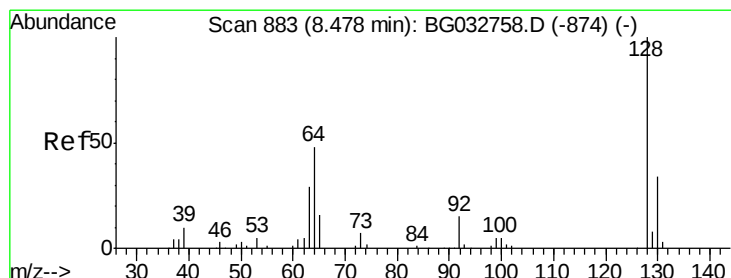
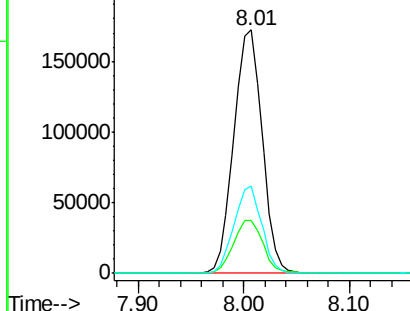
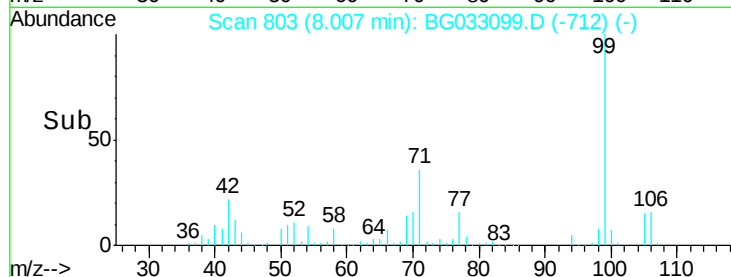
3/13/2018 4:20:36 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.469 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

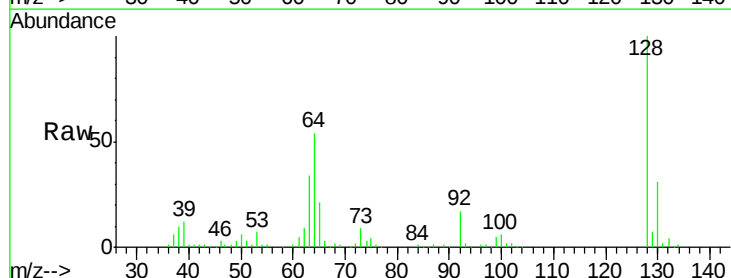
Tgt Ion: 128 Resp: 123558

Ion Ratio Lower Upper

128 100

130 31.5 14.0 54.0

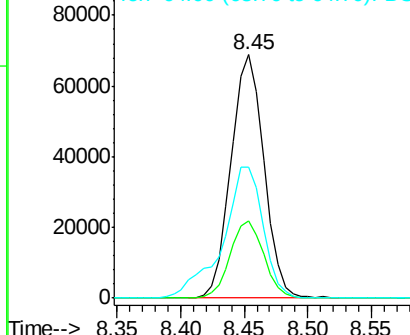
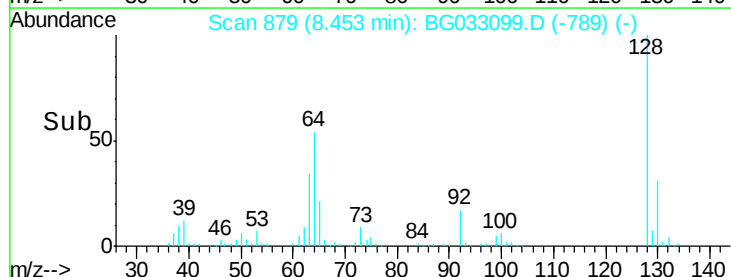
64 54.0 37.7 77.7

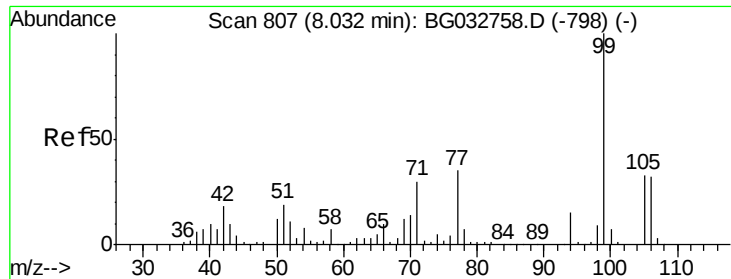


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.905 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Instrument :

BNA_G

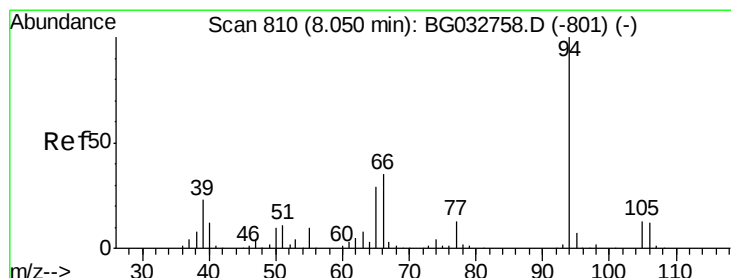
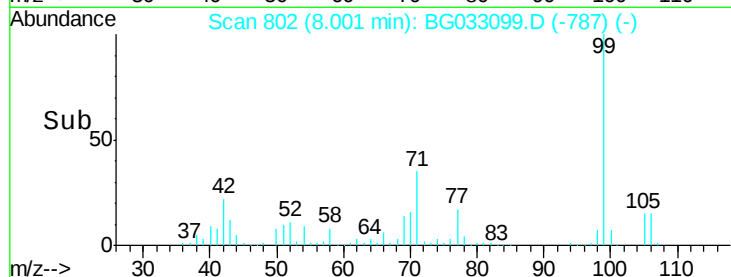
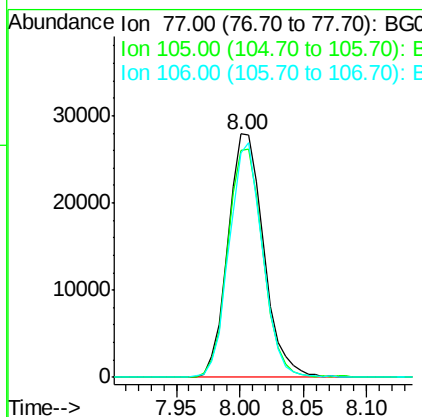
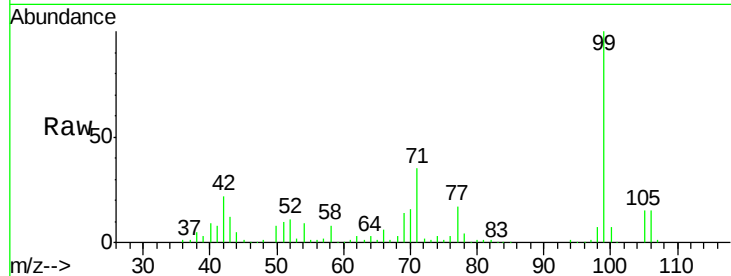
ClientSampleId :

PB107243BSD

Tot Ion:	77	Resp:	54456
Ion	Ratio	Lower	Upper
77	100		
105	93.1	71.3	111.3
106	92.4	64.2	104.2

Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



#10

Phenol

Concen: 47.594 ng

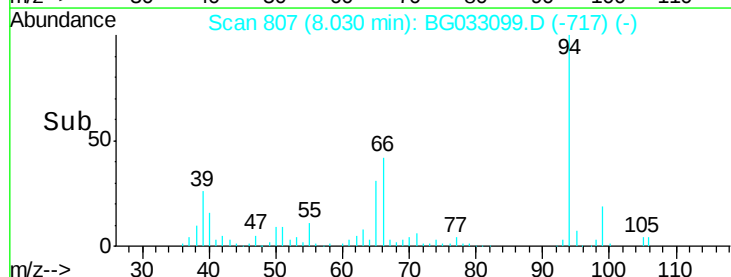
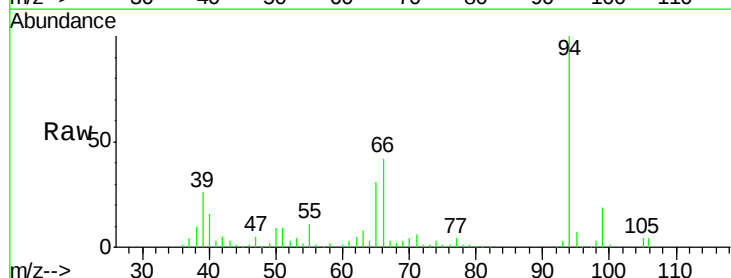
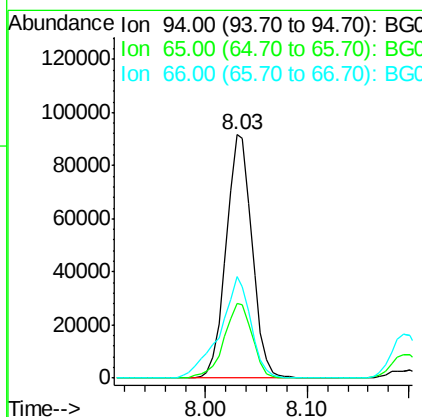
RT: 8.03 min Scan# 807

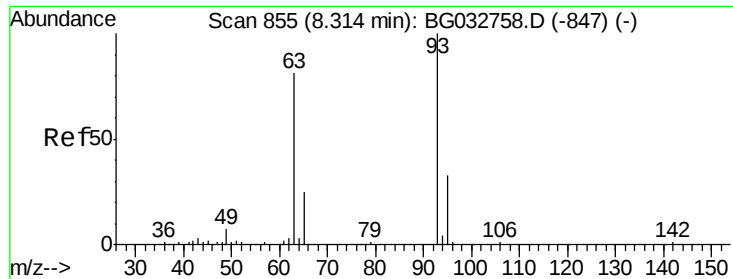
Delta R.T. -0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Tgt Ion:	94	Resp:	162453
Ion	Ratio	Lower	Upper
94	100		
65	30.7	11.9	51.9
66	41.6	22.2	62.2





#11

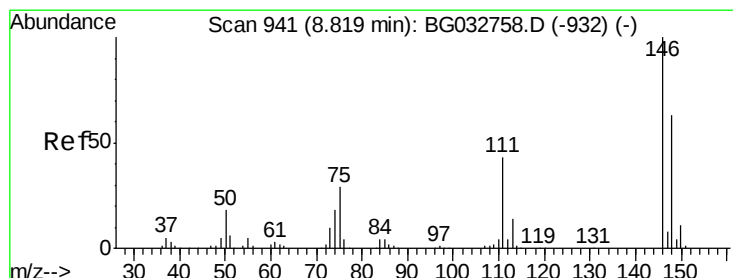
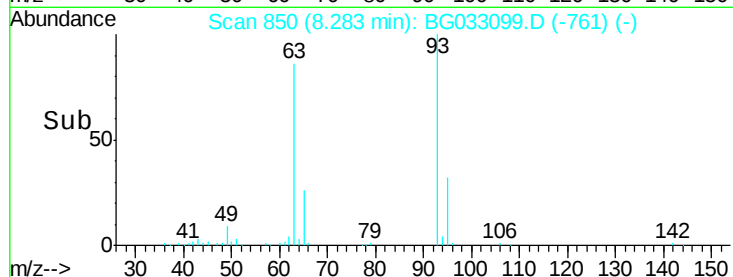
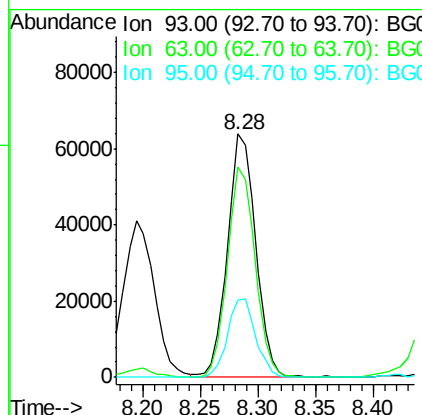
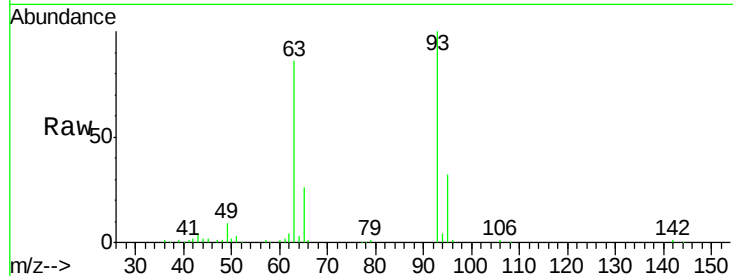
bis(2-Chloroethyl)ether
 Concen: 38.888 ng
 RT: 8.28 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		108537		
63	86.3	67.1	107.1		
95	31.7	11.5	51.5		

Manual Integrations
 APPROVED

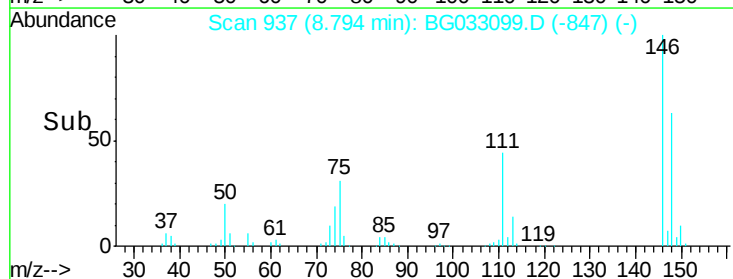
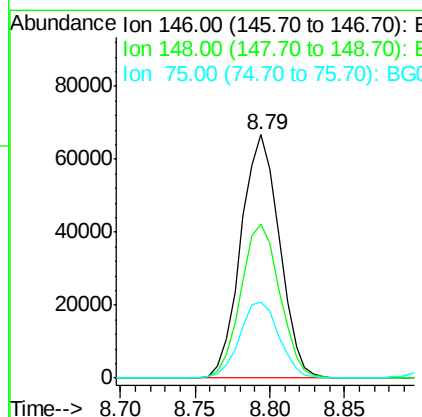
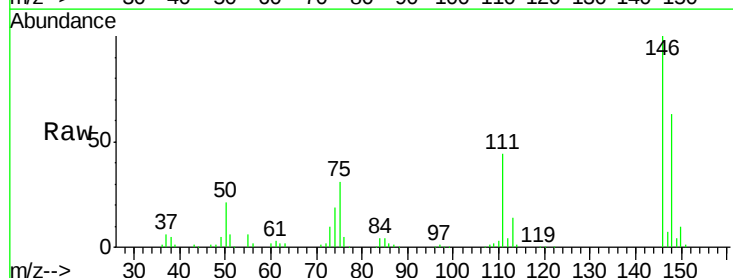
Sohil
 3/13/2018 4:20:36 PM

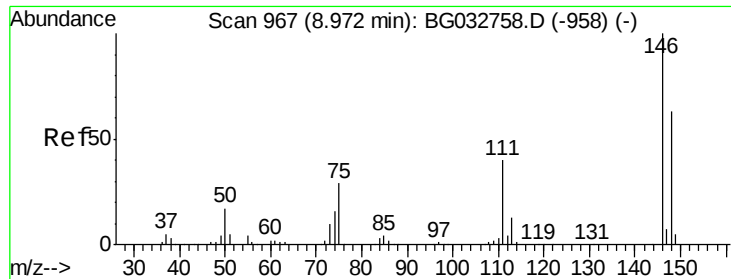


#12

1,3-Dichlorobenzene
 Concen: 38.336 ng
 RT: 8.79 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		119390		
148	63.5	51.4	77.2		
75	31.4	26.6	39.8		





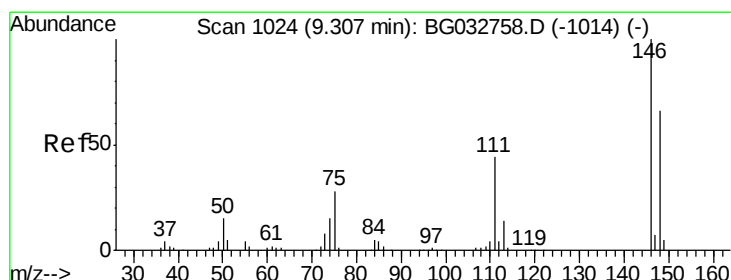
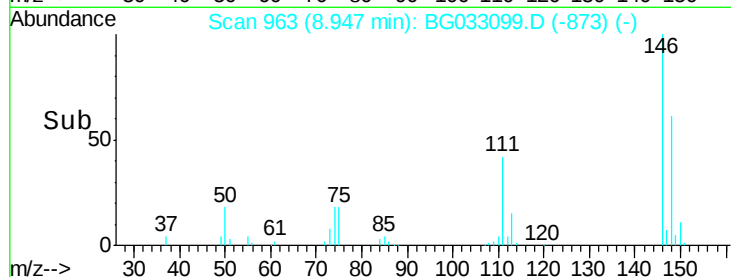
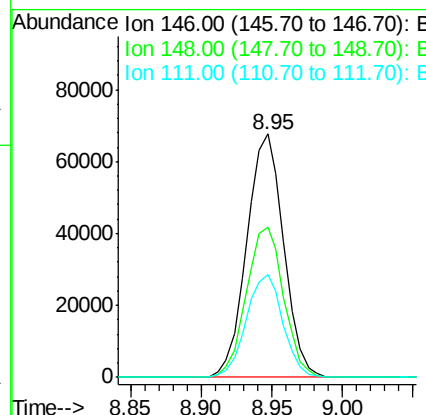
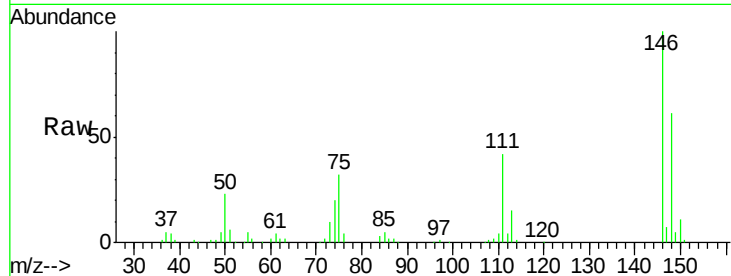
#13
1,4-Dichlorobenzene
Concen: 39.388 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.5	53.7	80.5
111	42.1	35.2	52.8

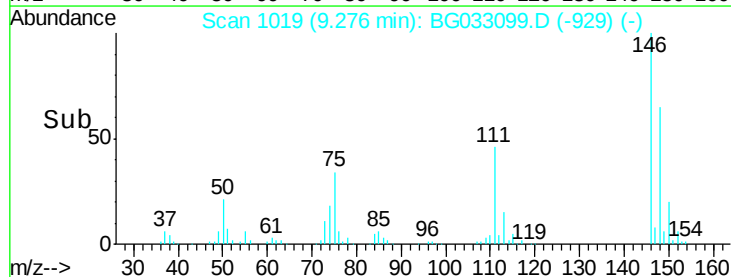
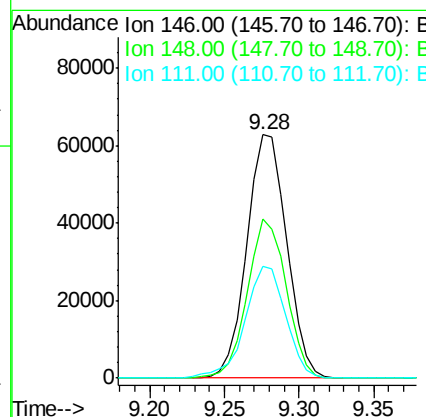
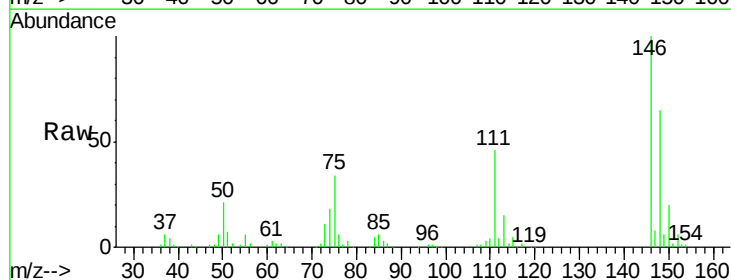
Manual Integrations
APPROVED

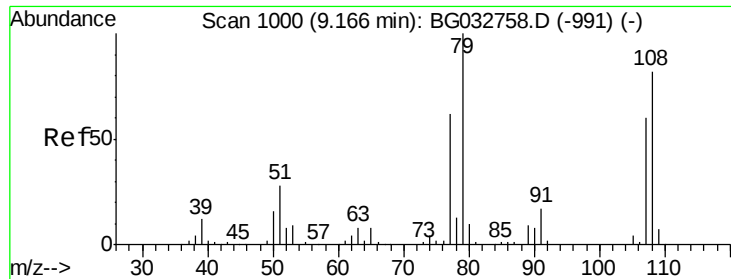
Sohil
3/13/2018 4:20:36 PM



#14
1,2-Dichlorobenzene
Concen: 38.614 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.3	73.9
111	45.9	34.3	51.5





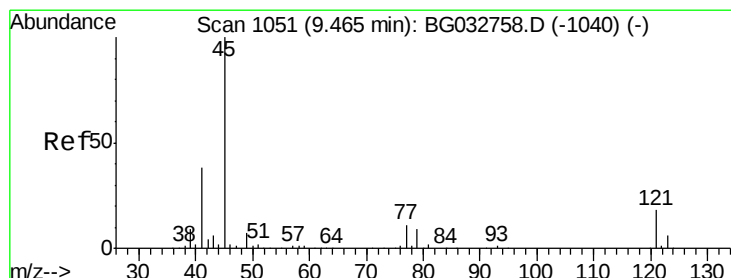
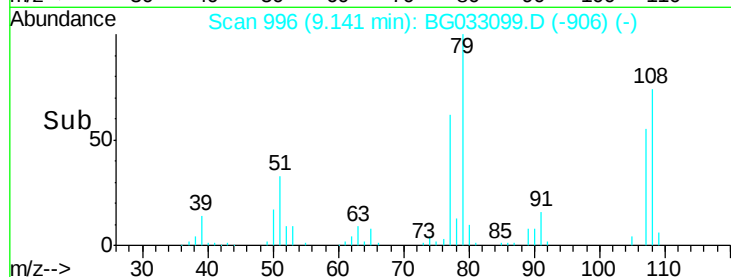
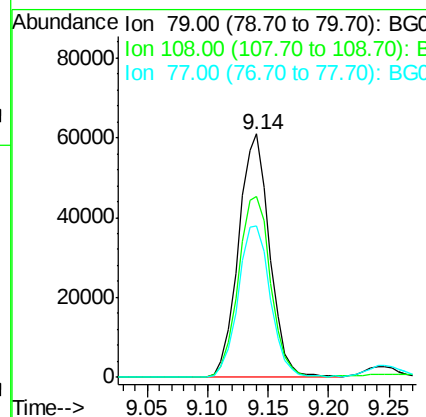
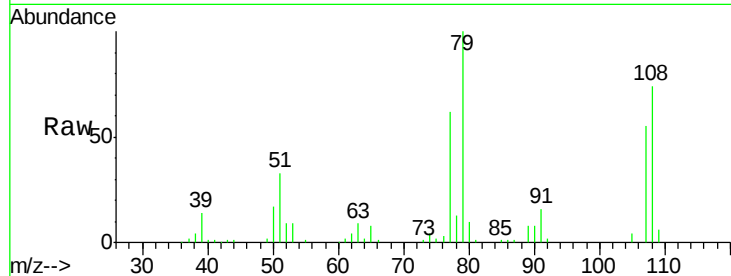
#15
Benzyl Alcohol
Concen: 44.007 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.4	57.2	85.8
77	62.3	46.1	69.1

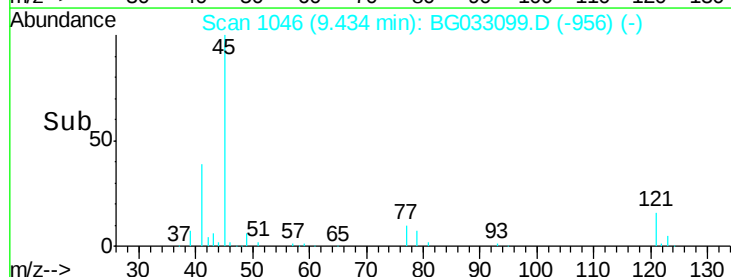
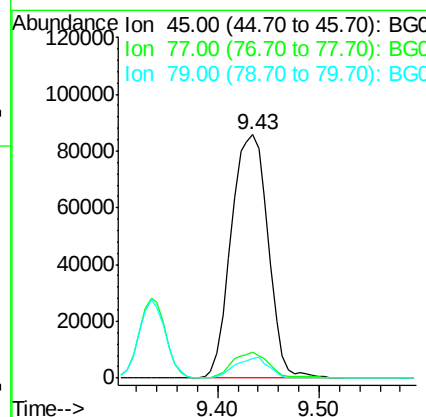
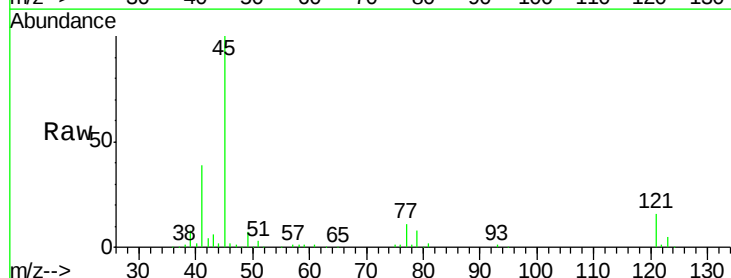
Manual Integrations
APPROVED

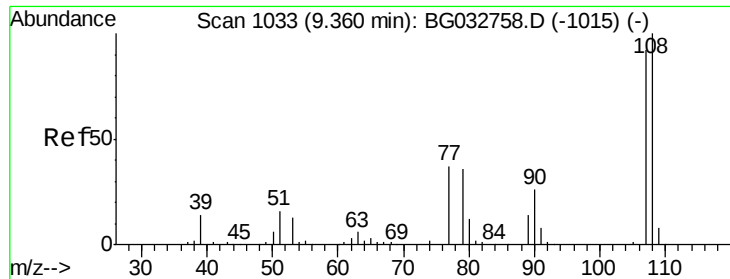
Sohil
3/13/2018 4:20:36 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.912 ng
RT: 9.43 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.5	0.0	30.2
79	8.1	0.0	27.9





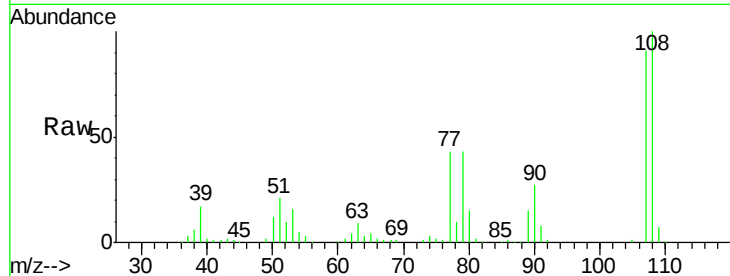
#17
2-Methylphenol
Concen: 43.196 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

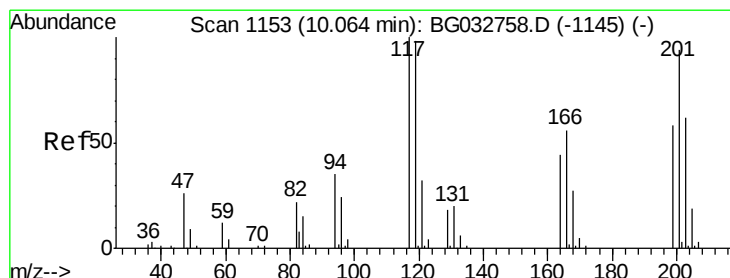
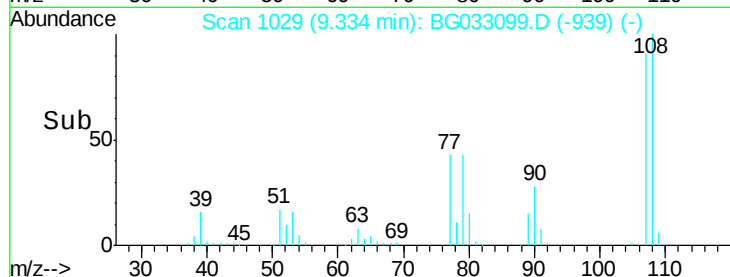
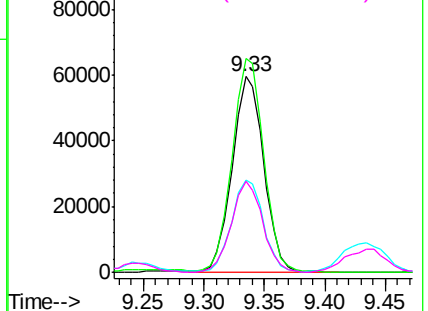
Tot Ion:	107	Resp:	108722
Ion Ratio	Lower	Upper	
107	100		
108	109.4	83.9	125.9
77	47.0	37.2	55.8
79	46.6	36.2	54.2

Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



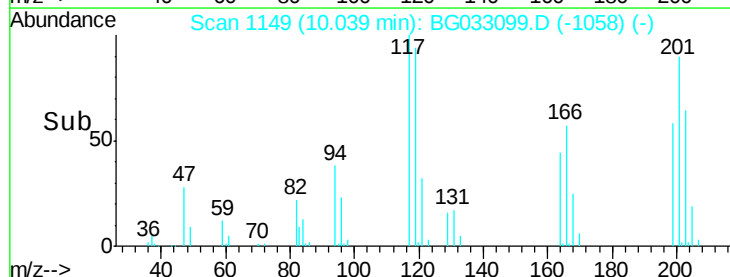
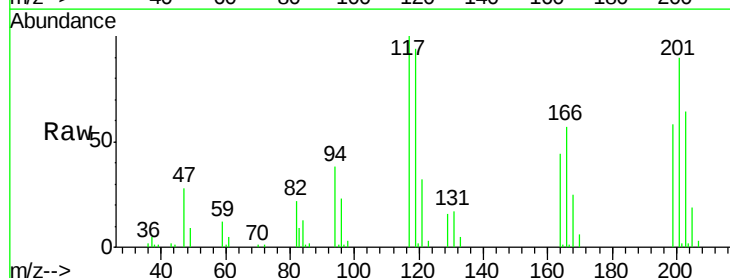
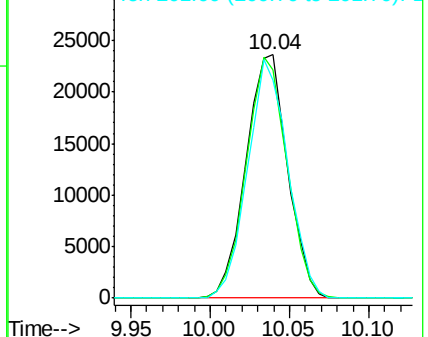
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

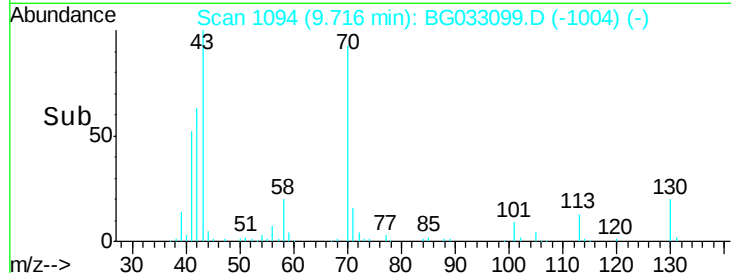
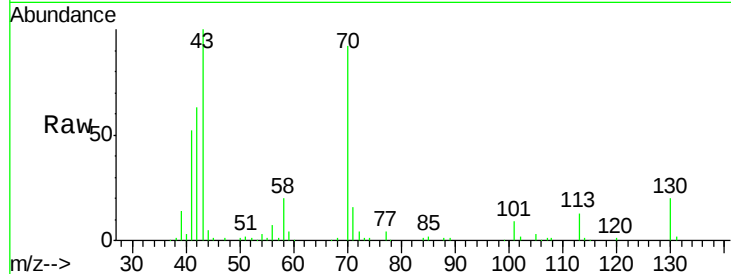
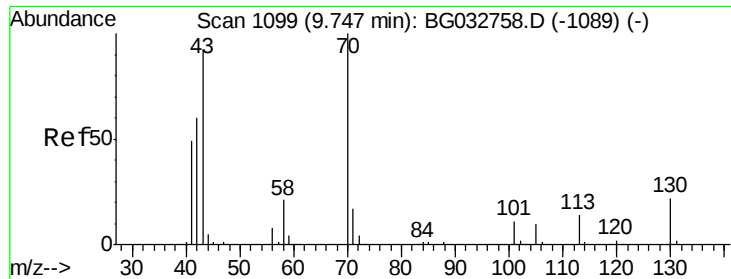


#18
Hexachloroethane
Concen: 40.440 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion:	117	Resp:	43163
Ion Ratio	Lower	Upper	
117	100		
119	94.0	76.7	115.1
201	89.7	95.7	143.5#

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





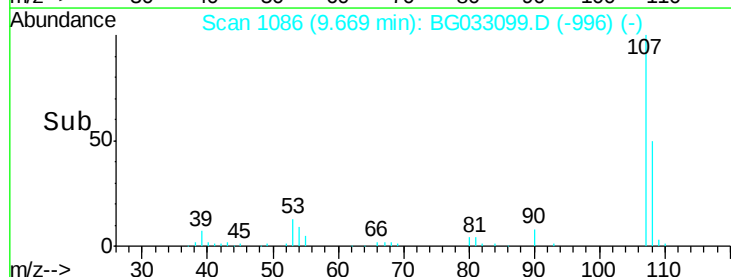
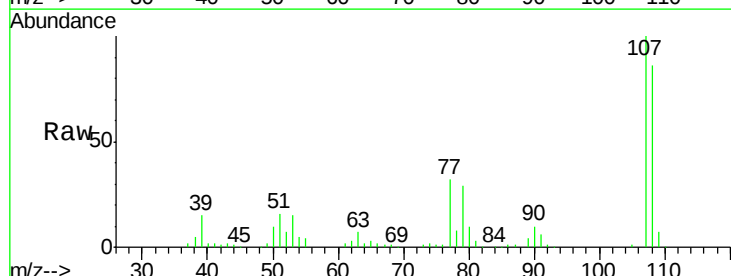
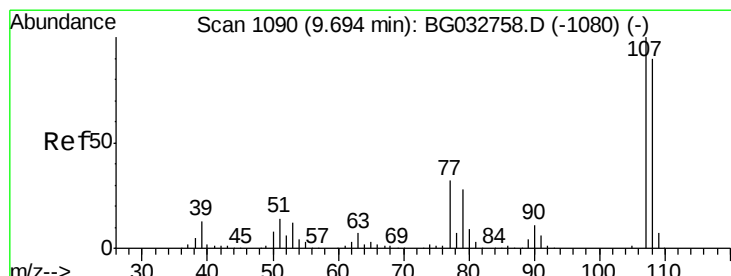
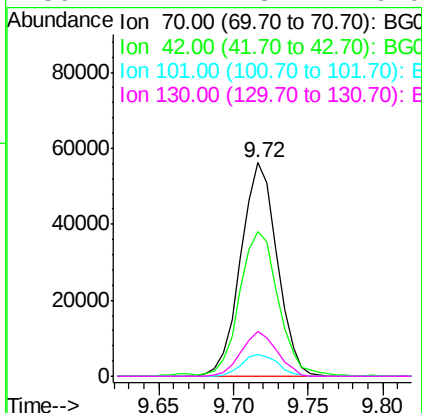
#19
n-Nitroso-di-n-propylamine
Concen: 39.701 ng
RT: 9.72 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.9	49.1	73.7	
101	10.1	8.5	12.7	
130	21.2	13.4	20.0#	

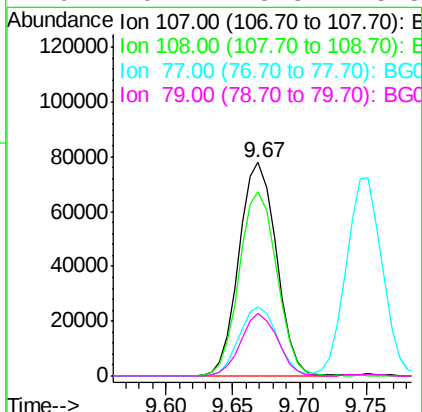
Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



#20
3+4-Methylphenols
Concen: 43.395 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	61.6	101.6	
77	32.3	13.9	53.9	
79	29.2	8.8	48.8	





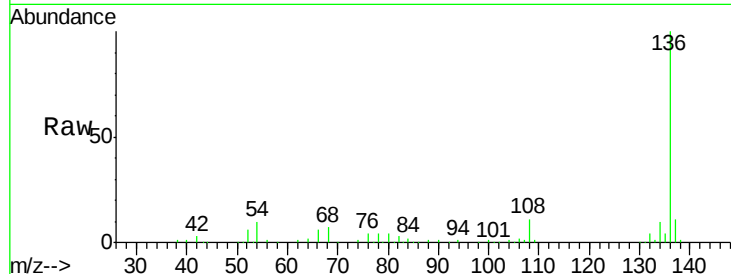
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampled :
PB107243BSD

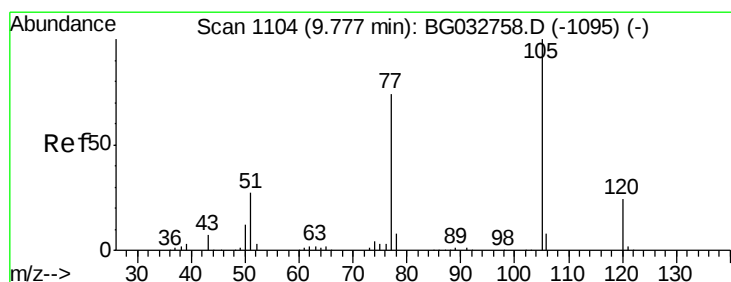
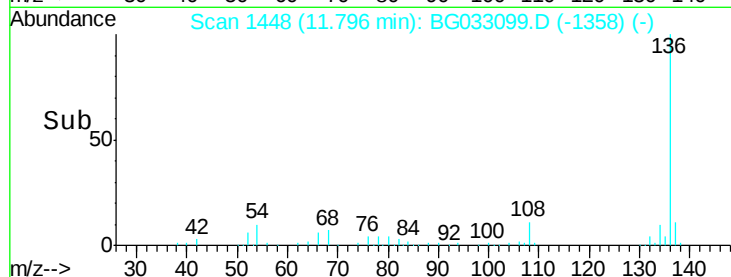
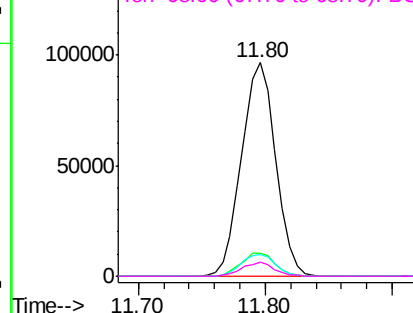
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	9.9	10.3	15.5
68	6.5	4.5	6.7

Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



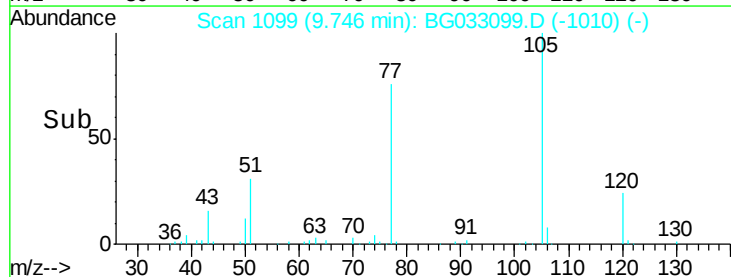
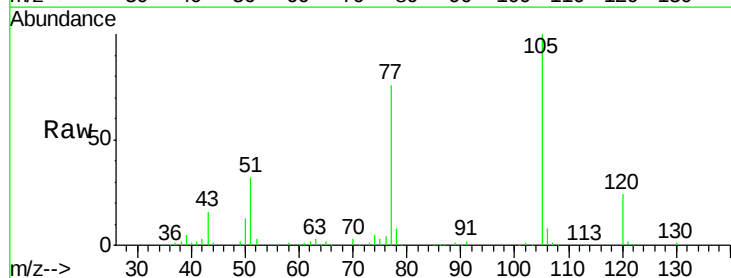
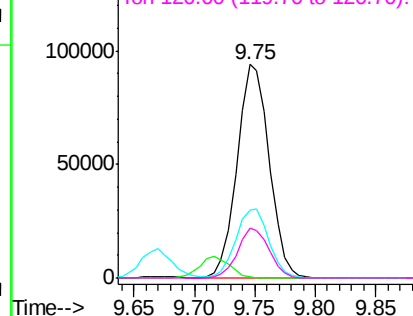
Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

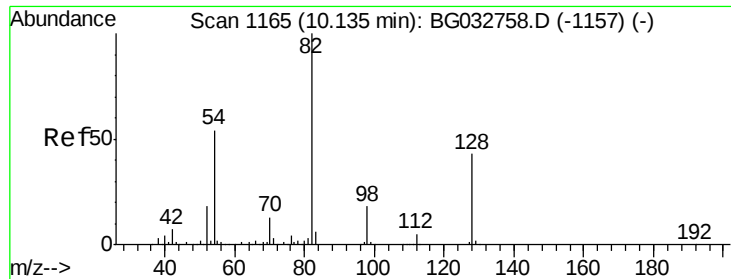


#22
Acetophenone
Concen: 38.406 ng
RT: 9.75 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.4	3.0	4.4
51	31.6	26.1	39.1
120	23.7	17.4	26.2

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





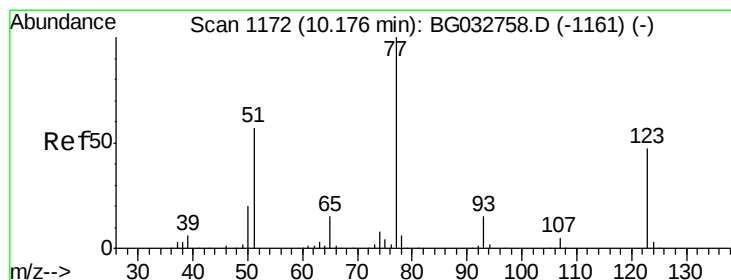
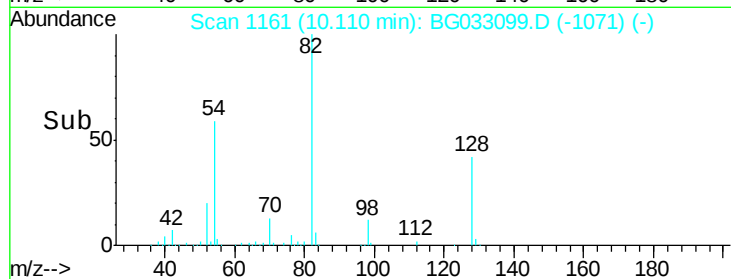
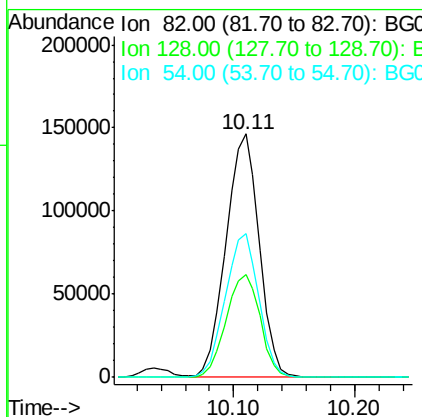
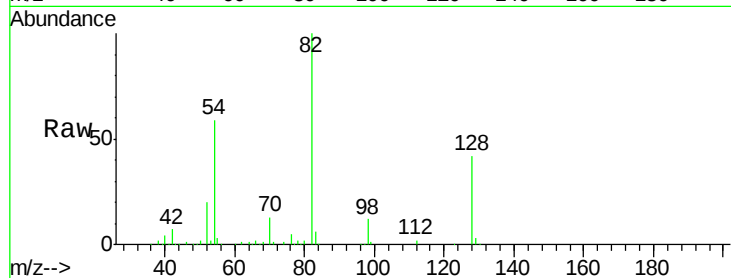
#23
Nitrobenzene-d5
Concen: 105.159 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	279421		
128	42.0	29.7	44.5	
54	59.1	43.1	64.7	

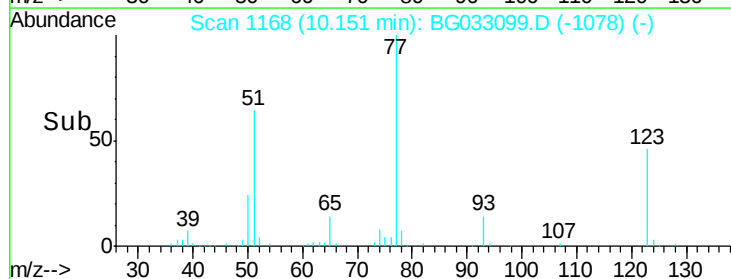
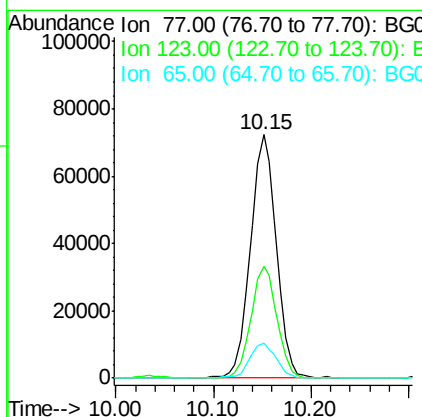
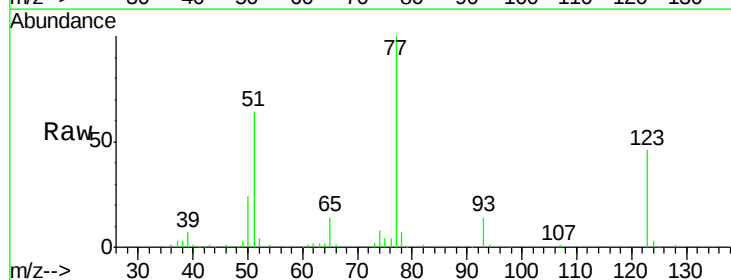
Manual Integrations
APPROVED

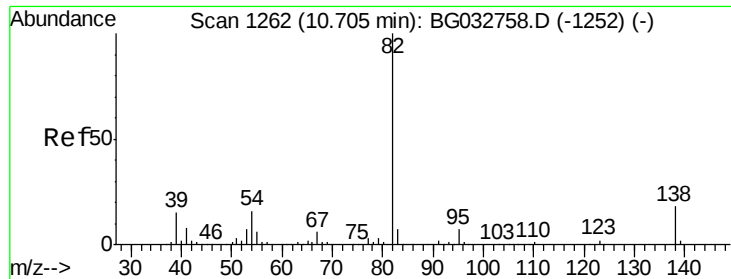
Sohil
3/13/2018 4:20:36 PM



#24
Nitrobenzene
Concen: 47.092 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	134661		
123	45.8	33.0	49.6	
65	14.3	13.0	19.6	





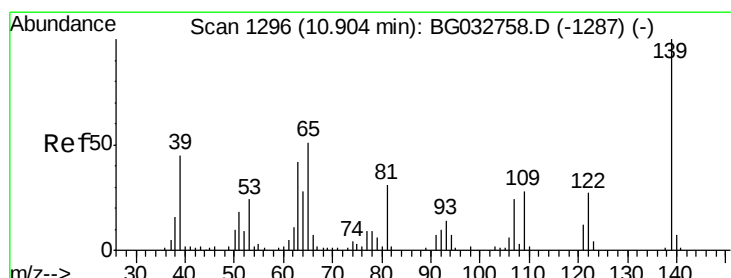
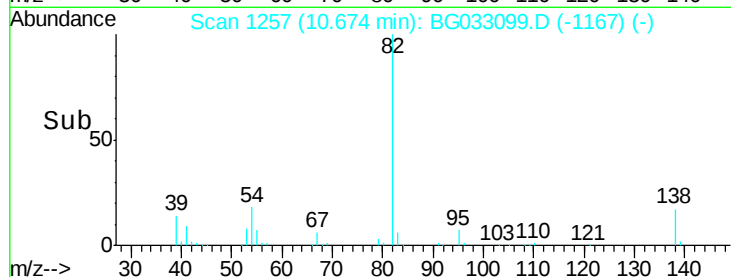
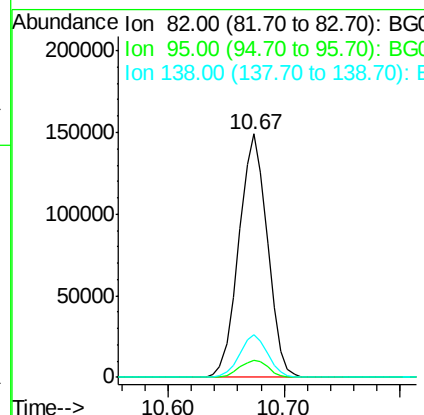
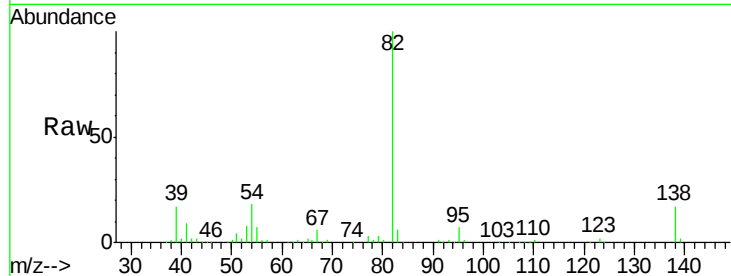
#25
Isophorone
Concen: 40.418 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	255133		
95	7.1		6.2	9.2
138	17.3		12.1	18.1

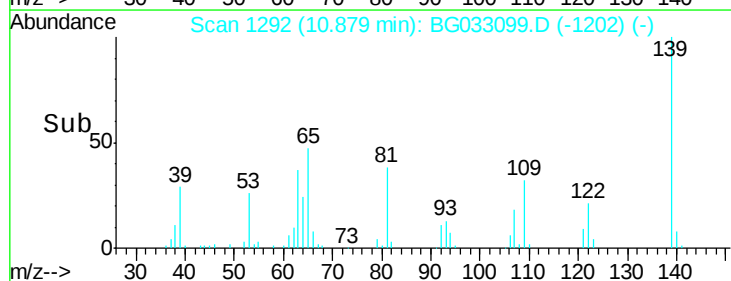
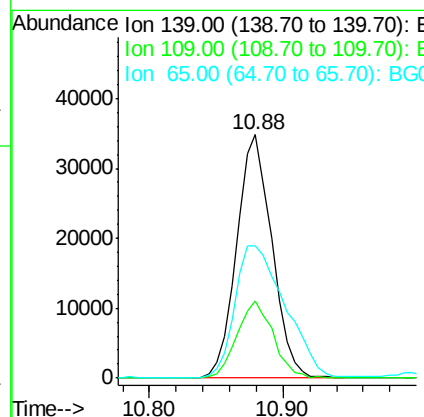
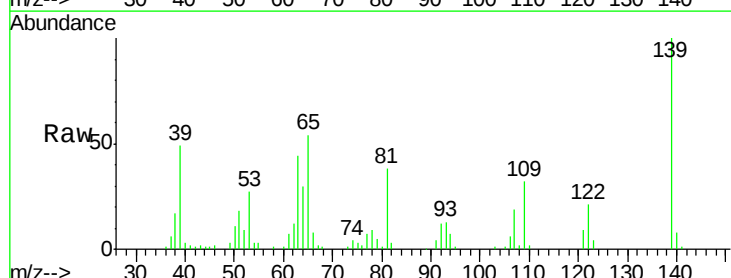
Manual Integrations
APPROVED

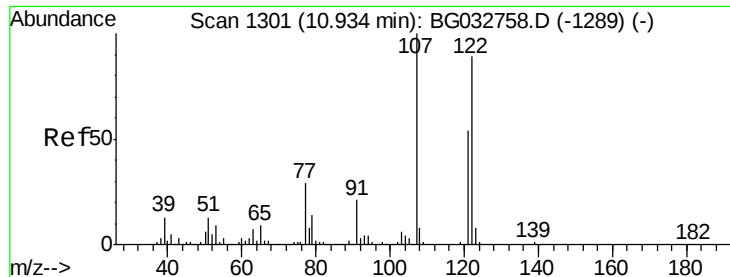
Sohil
3/13/2018 4:20:36 PM



#26
2-Nitrophenol
Concen: 58.358 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	63710		
109	31.6		24.2	36.2
65	54.2		47.4	71.0





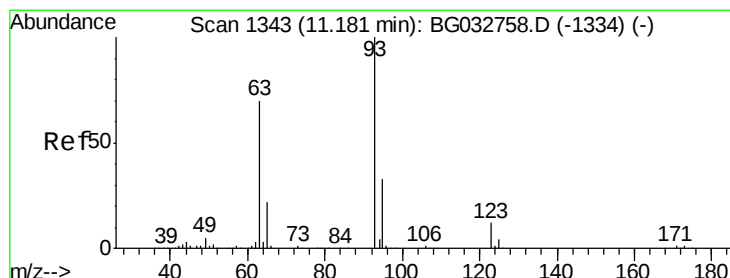
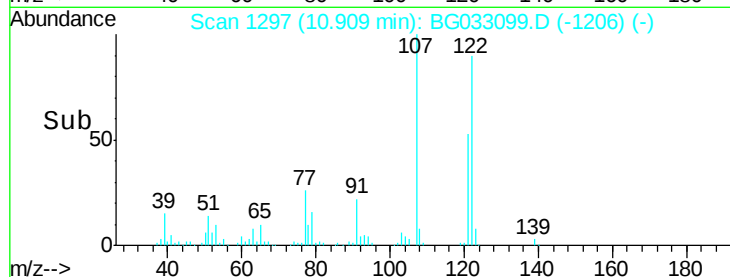
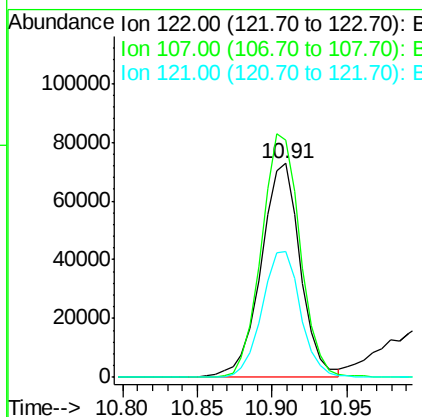
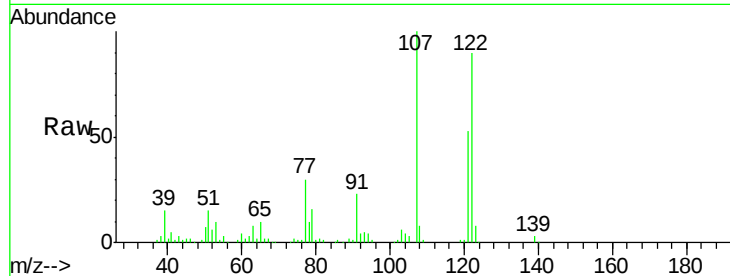
#27
 2,4-Dimethylphenol
 Concen: 48.498 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampled :
 PB107243BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	100.2	150.2
121	59.1	44.4	66.6

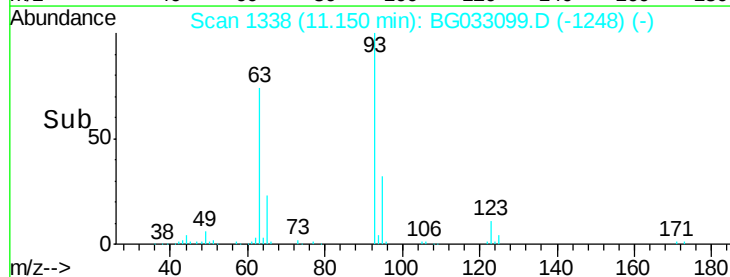
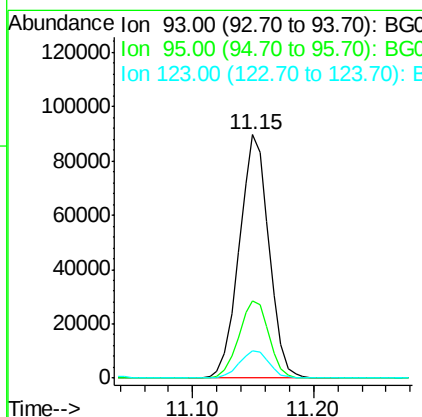
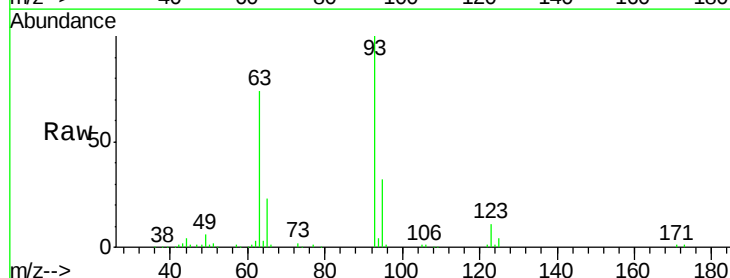
Manual Integrations
 APPROVED

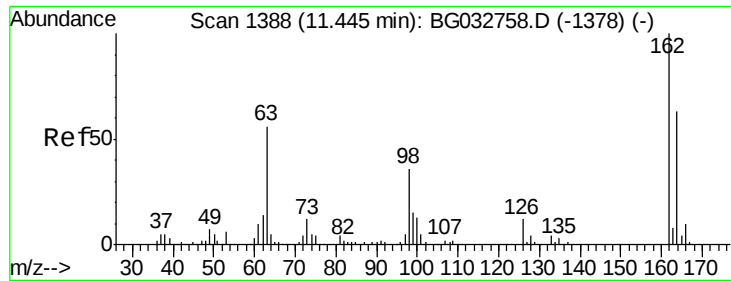
Sohil
 3/13/2018 4:20:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.544 ng
 RT: 11.15 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	24.3	36.5
123	11.2	8.4	12.6





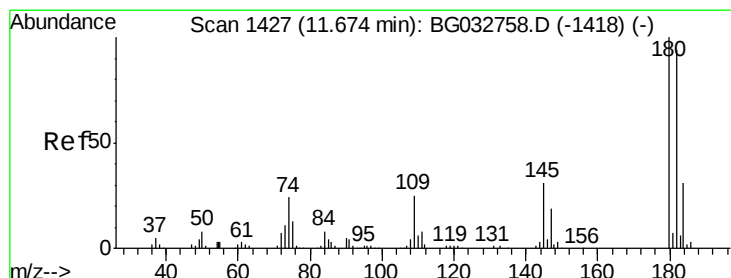
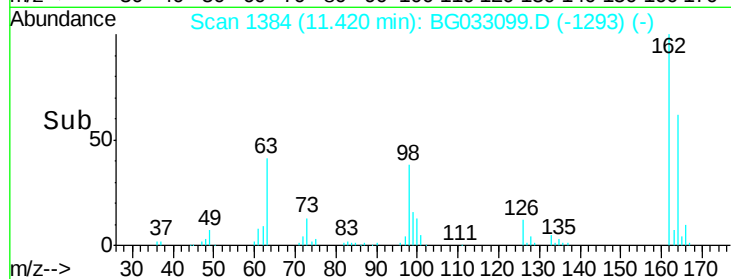
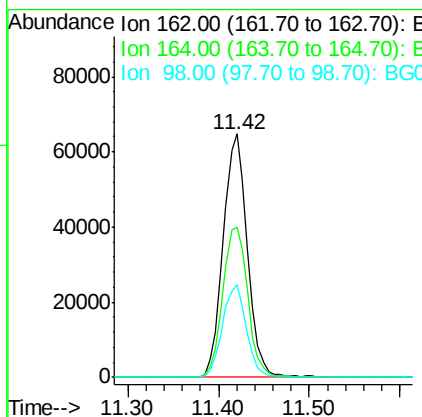
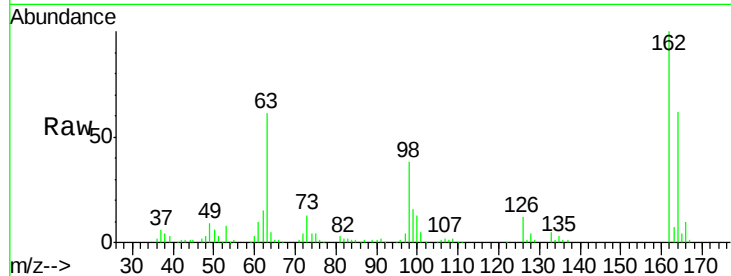
#29
2,4-Dichlorophenol
Concen: 48.040 ng
RT: 11.42 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	119560		
164	61.5	48.0	88.0	
98	38.1	21.1	61.1	

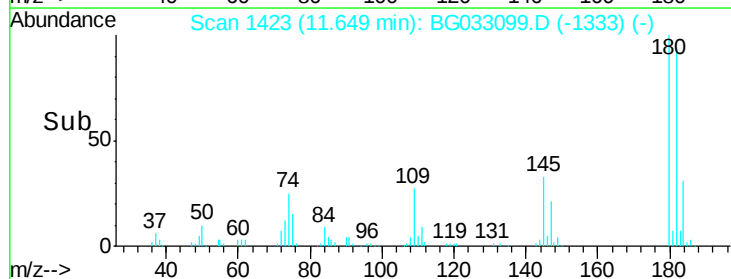
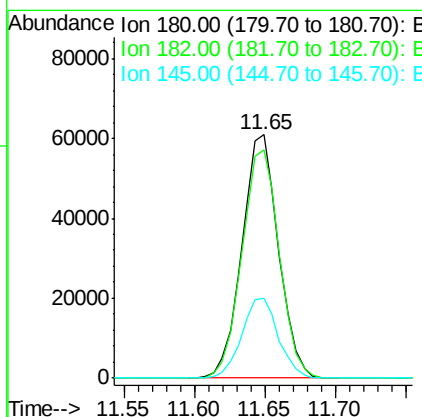
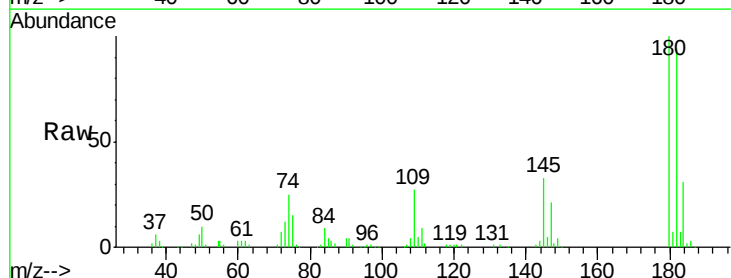
Manual Integrations
APPROVED

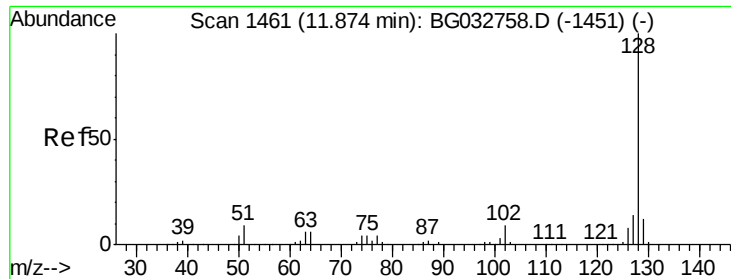
Sohil
3/13/2018 4:20:36 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.749 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110128		
182	93.6	77.5	116.3	
145	32.6	23.4	35.2	





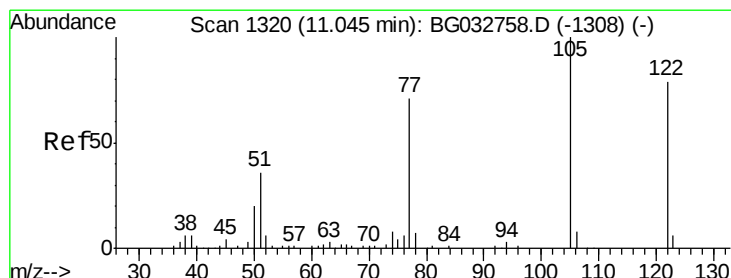
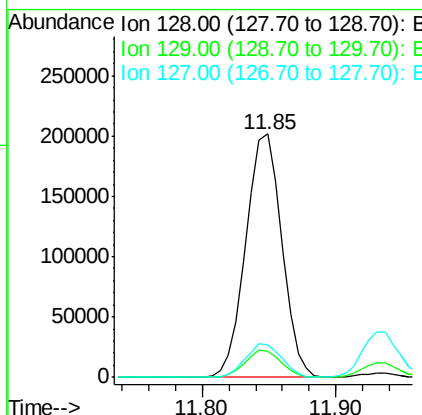
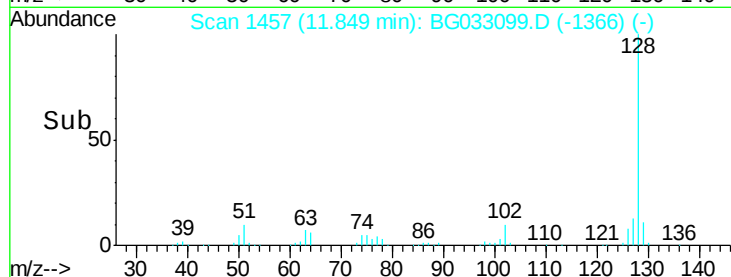
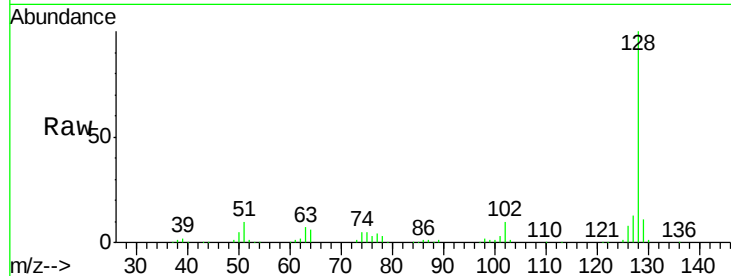
#31
Naphthalene
Concen: 40.013 ng
RT: 11.85 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.5	11.6	17.4

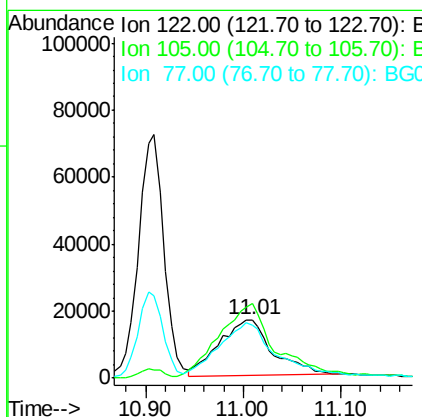
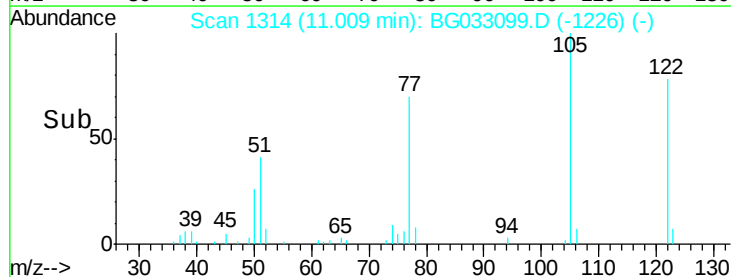
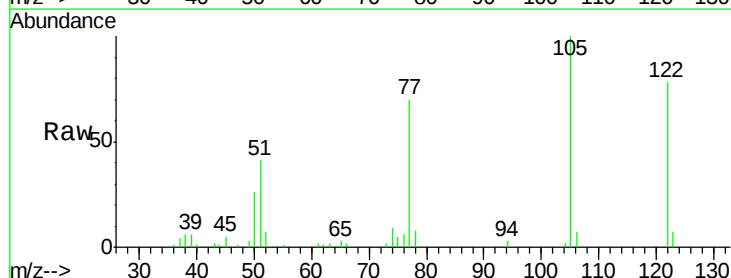
Manual Integrations
APPROVED

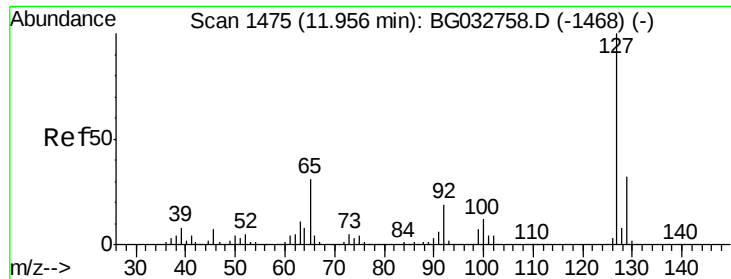
Sohil
3/13/2018 4:20:36 PM



#32
Benzoic acid
Concen: 40.607 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.9	123.5	163.5
77	90.7	85.7	125.7





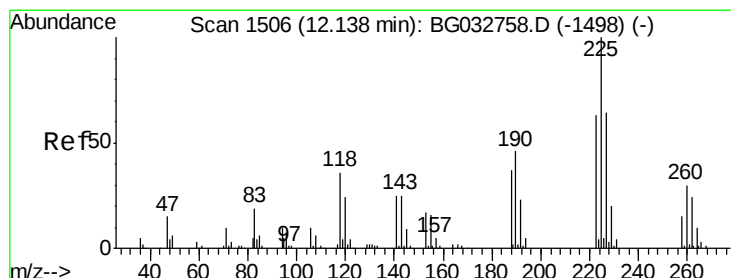
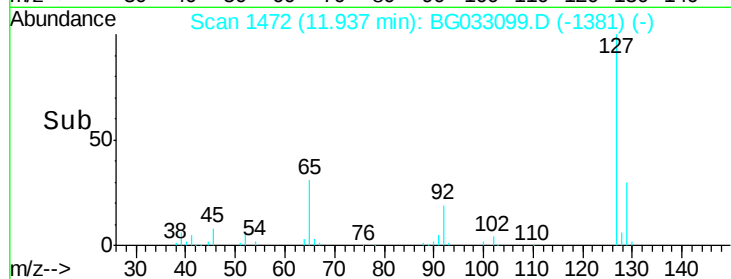
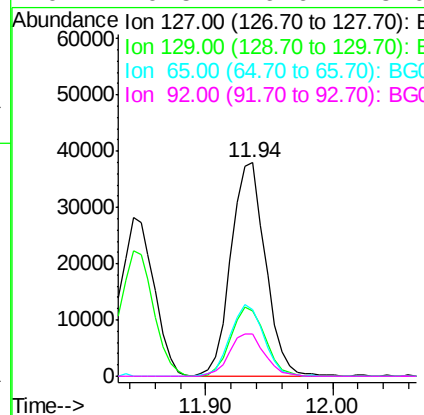
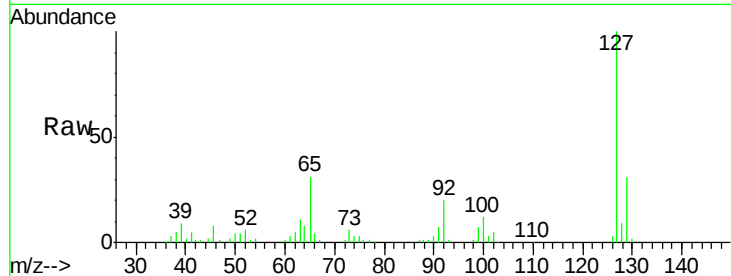
#33
4-Chloroaniline
Concen: 17.047 ng
RT: 11.94 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	71628		
129	30.8	24.0	36.0	
65	31.4	27.0	40.4	
92	19.5	16.6	25.0	

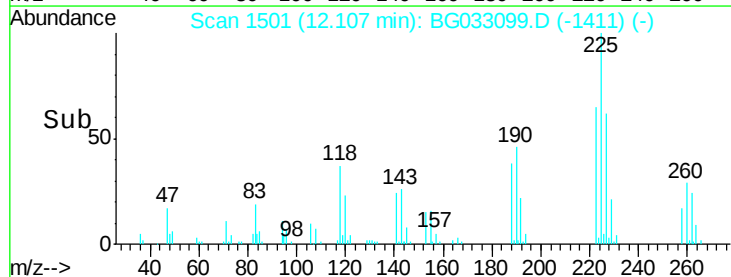
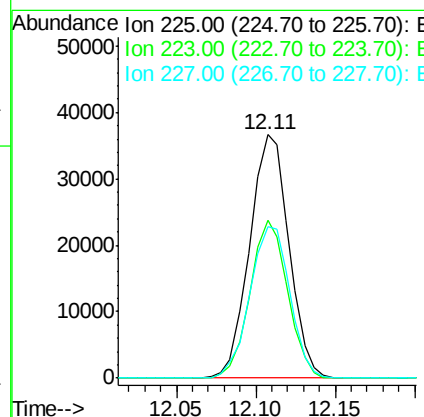
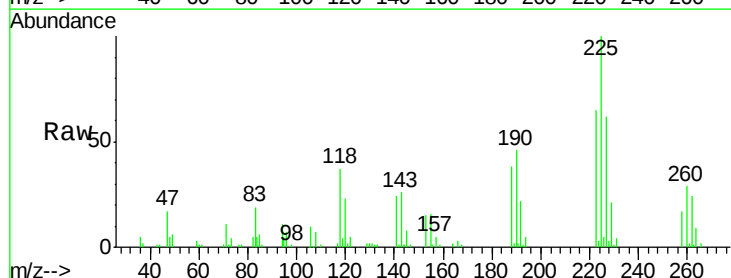
Manual Integrations
APPROVED

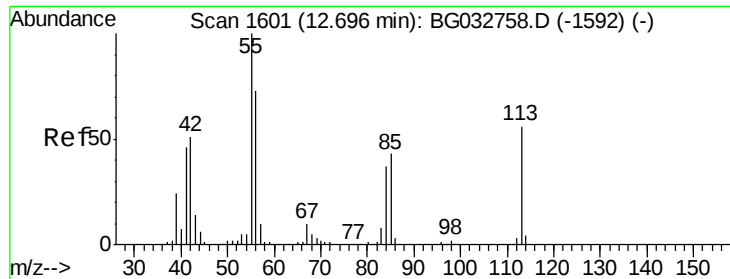
Sohil
3/13/2018 4:20:36 PM



#34
Hexachlorobutadiene
Concen: 38.535 ng
RT: 12.11 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63059		
223	64.8	49.7	74.5	
227	62.1	48.1	72.1	





#35

Caprolactam

Concen: 46.040 ng

RT: 12.68 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Instrument :

BNA_G

ClientSampleId :

PB107243BSD

Tot Ion:113 Resp: 45880

Ion Ratio Lower Upper

113 100

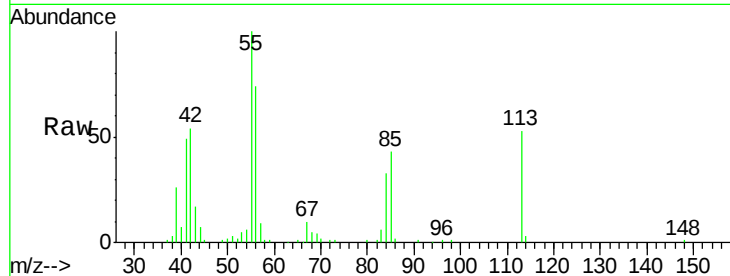
55 188.4 186.9 226.9

56 139.6 130.9 170.9

Manual Integrations
APPROVED

Sohil

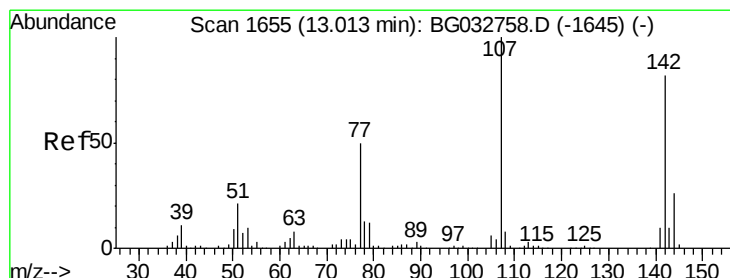
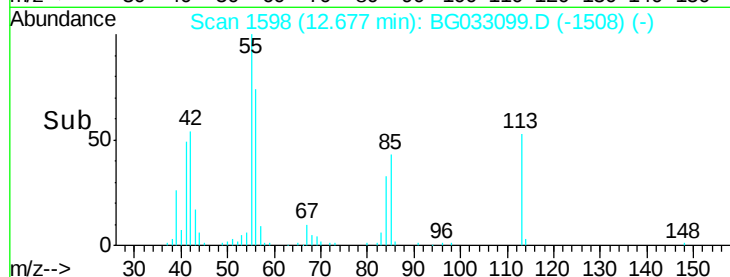
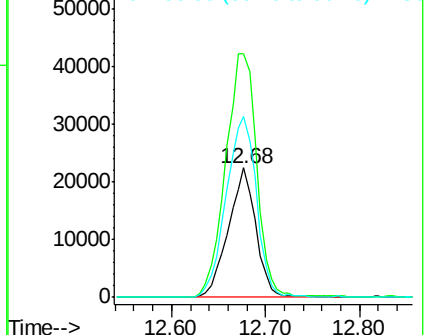
3/13/2018 4:20:36 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG032758.D (-1592) (-)

Ion 56.00 (55.70 to 56.70): BG032758.D (-1592) (-)



#36

4-Chloro-3-methylphenol

Concen: 49.862 ng

RT: 12.99 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

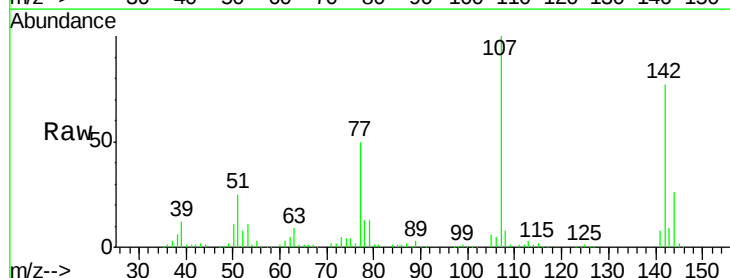
Tgt Ion:107 Resp: 144410

Ion Ratio Lower Upper

107 100

144 26.0 18.2 27.4

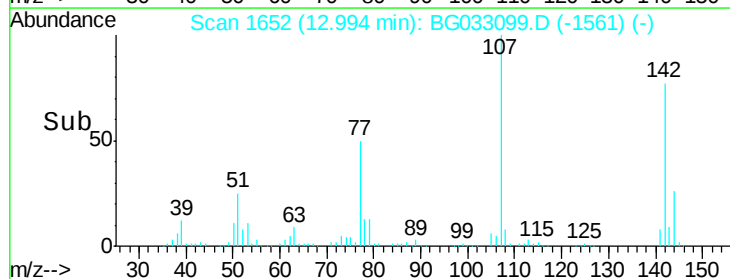
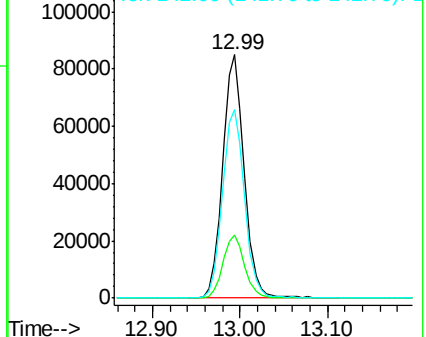
142 77.2 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





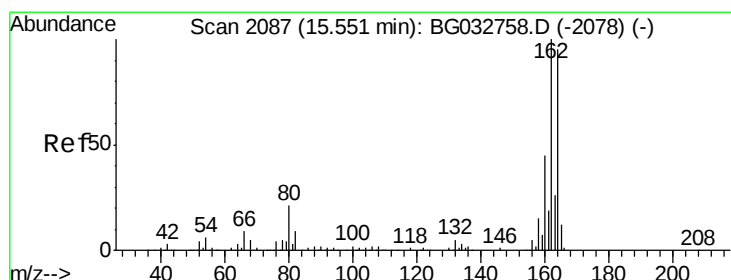
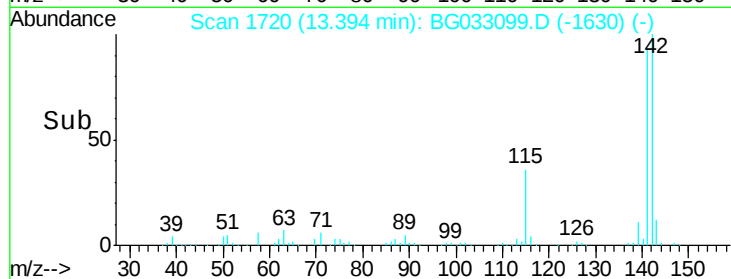
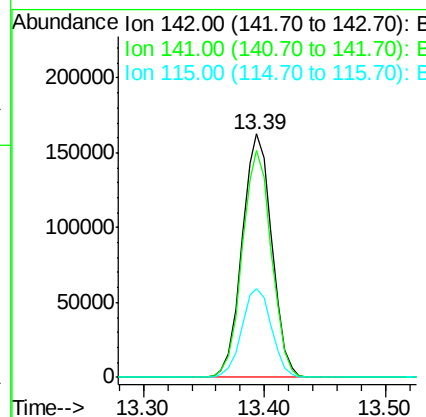
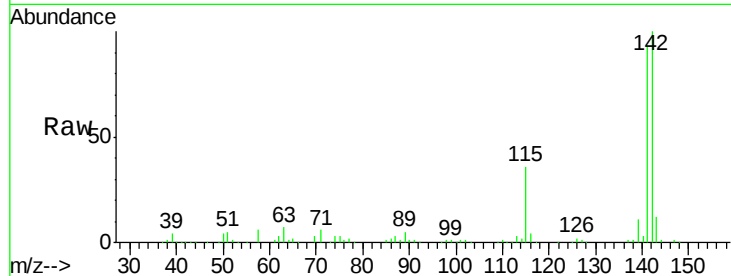
#37
2-Methylnaphthalene
Concen: 40.850 ng
RT: 13.39 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	67.1	100.7
115	36.4	30.7	46.1

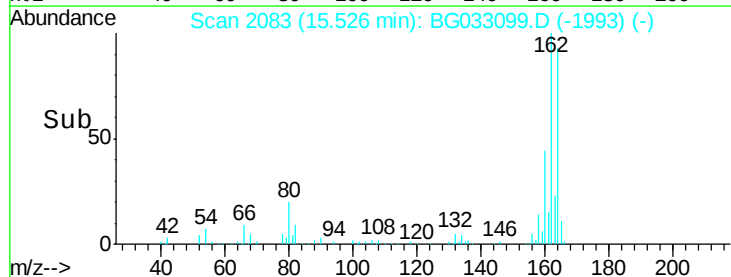
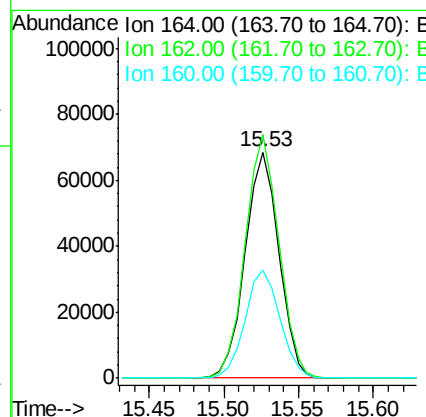
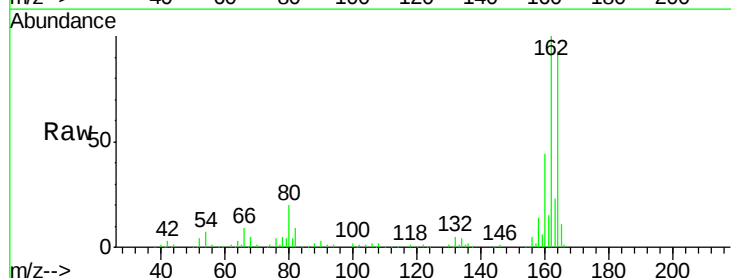
Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	78.8	118.2
160	47.7	35.4	53.0





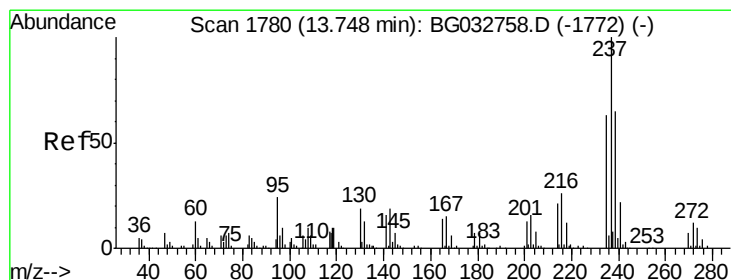
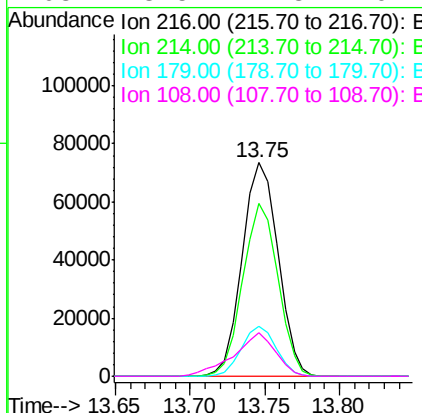
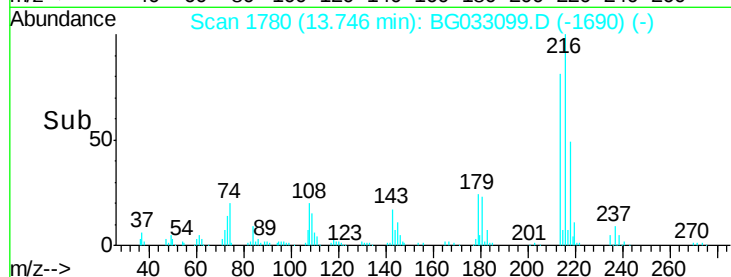
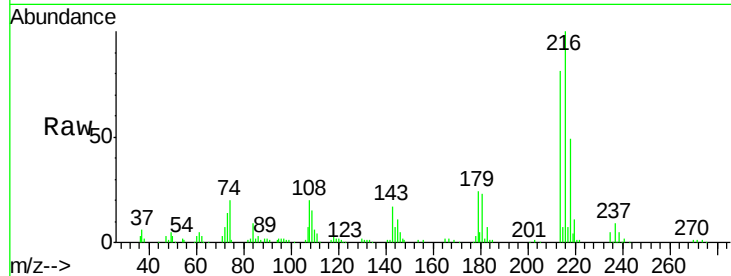
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.483 ng
 RT: 13.75 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.7	17.0	25.6
108	23.5	12.8	19.2

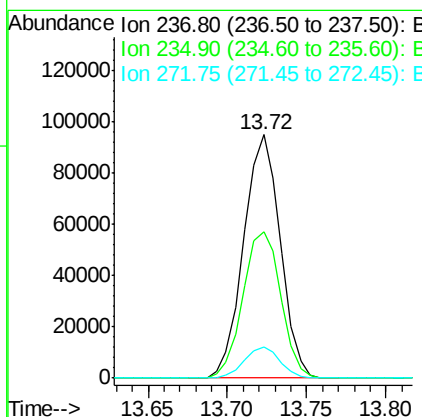
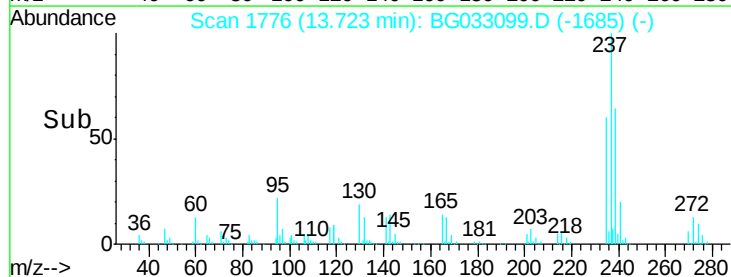
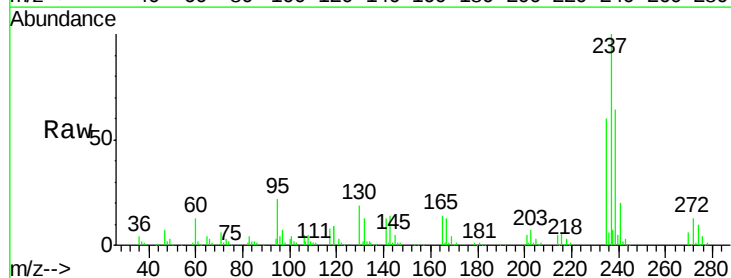
Manual Integrations
 APPROVED

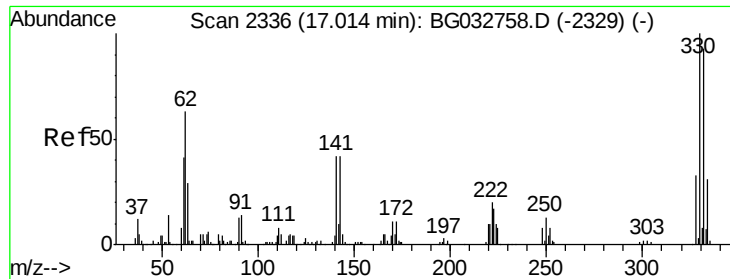
Sohil
 3/13/2018 4:20:36 PM



#40
 Hexachlorocyclopentadiene
 Concen: 93.795 ng
 RT: 13.72 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.3	50.4	90.4
272	12.6	0.0	31.8





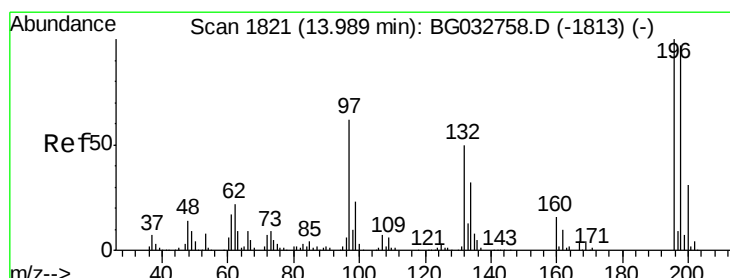
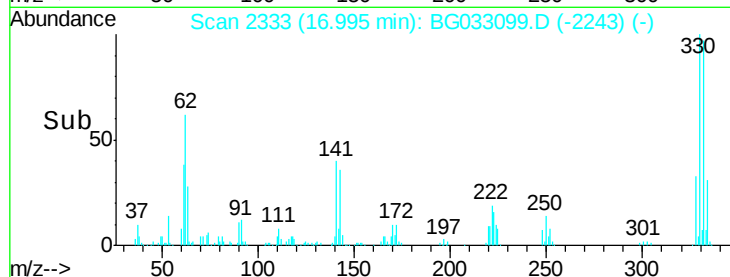
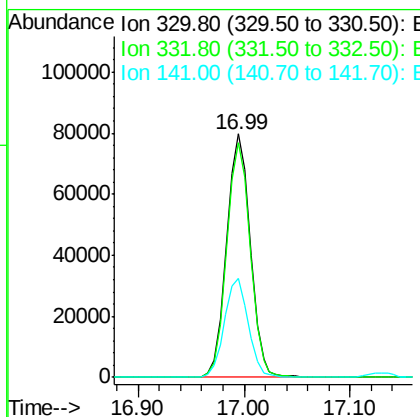
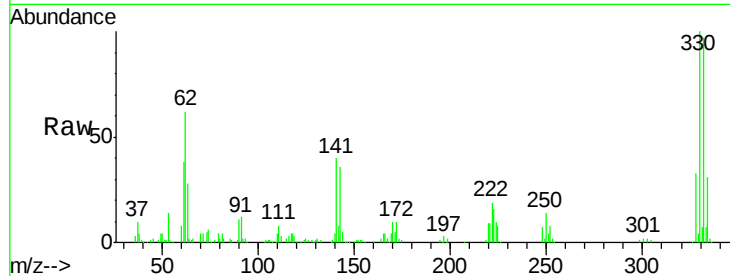
#41
 2,4,6-Tribromophenol
 Concen: 109.126 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	123022		
332	96.0	77.0	115.6	
141	40.9	25.2	37.8	

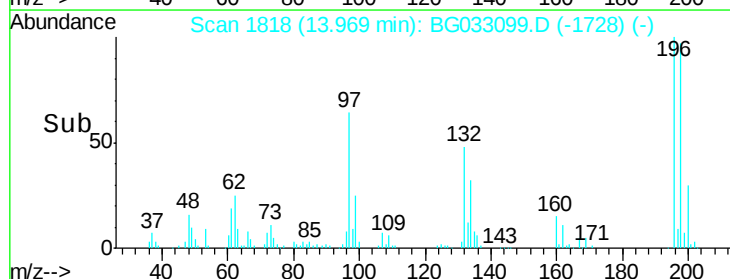
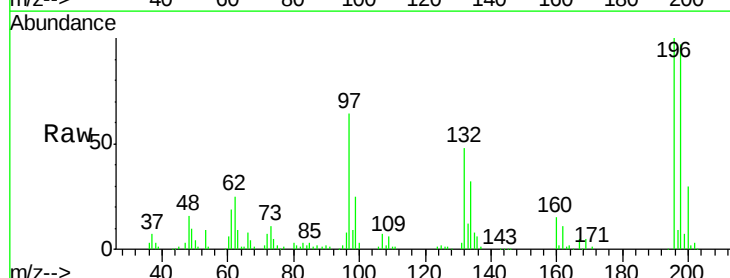
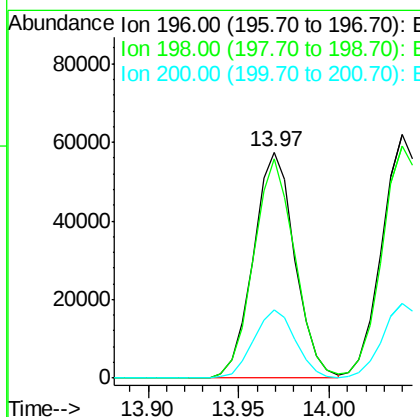
Manual Integrations
 APPROVED

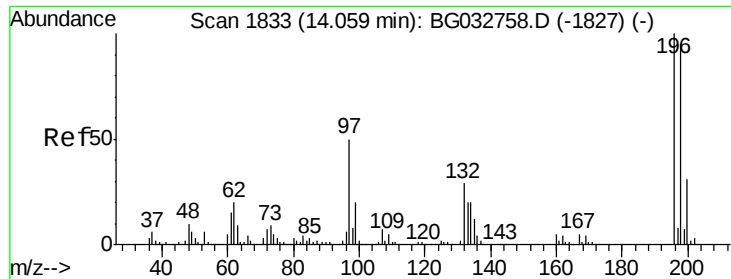
Sohil
 3/13/2018 4:20:36 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.976 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92280		
198	97.0	78.2	117.2	
200	30.4	24.6	36.8	





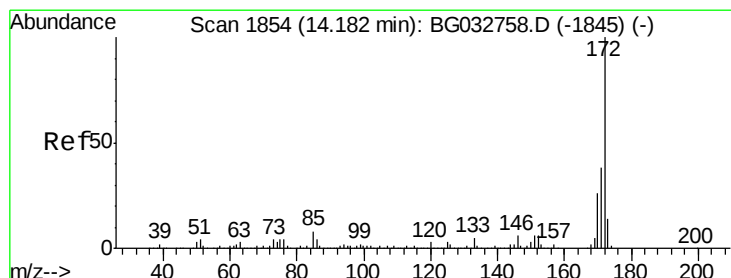
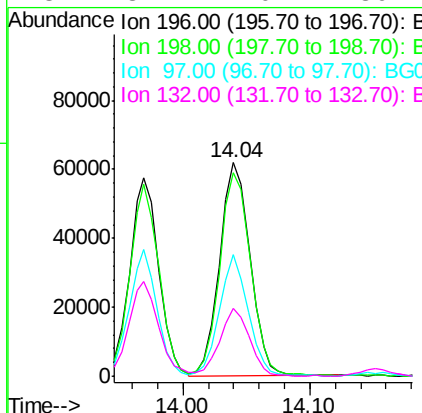
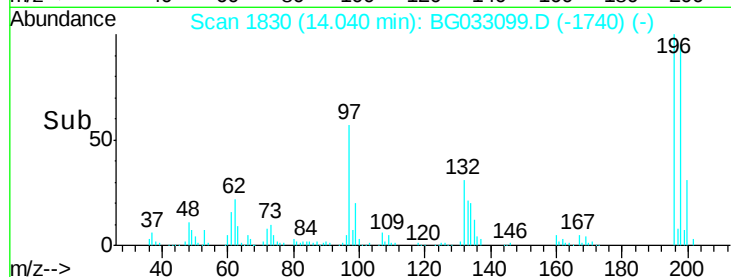
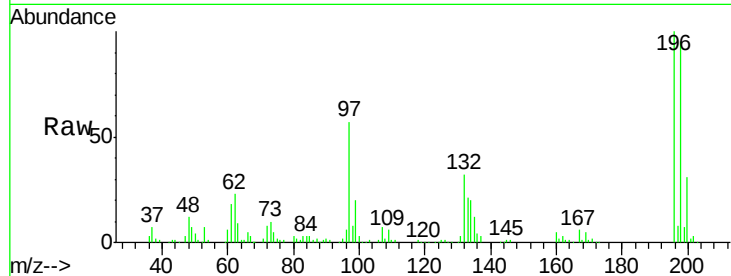
#43
 2,4,5-Trichlorophenol
 Concen: 44.424 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	103198		
198	95.5	76.2	114.4	
97	57.2	38.7	58.1	
132	31.7	20.2	30.2	

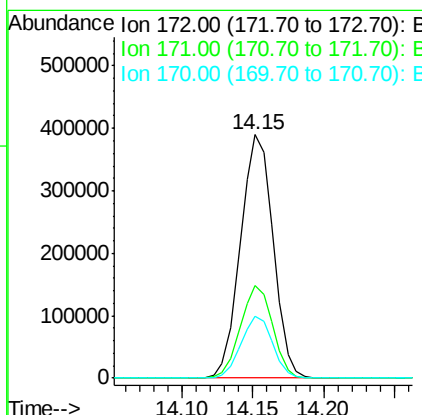
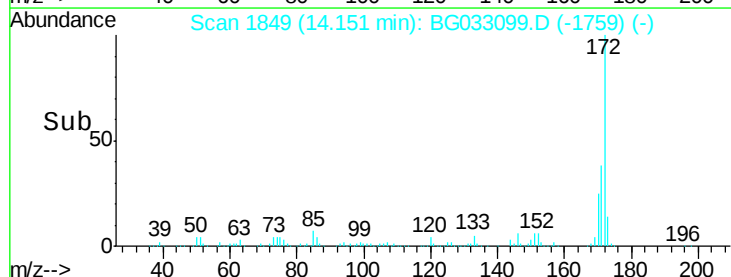
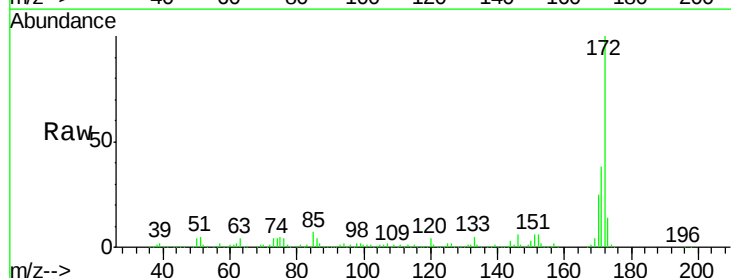
Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:20:36 PM



#44
 2-Fluorobiphenyl
 Concen: 84.763 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	630121		
171	38.2	30.0	45.0	
170	25.3	19.5	29.3	





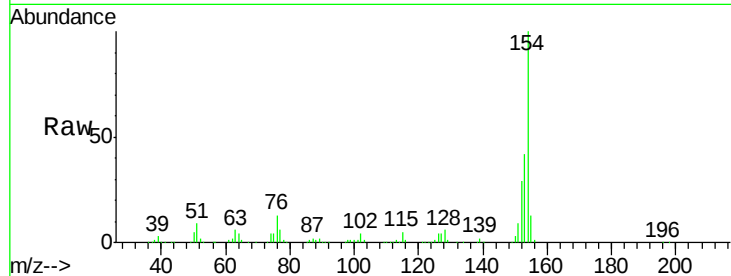
#45
 1,1'-Biphenyl
 Concen: 37.597 ng
 RT: 14.36 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

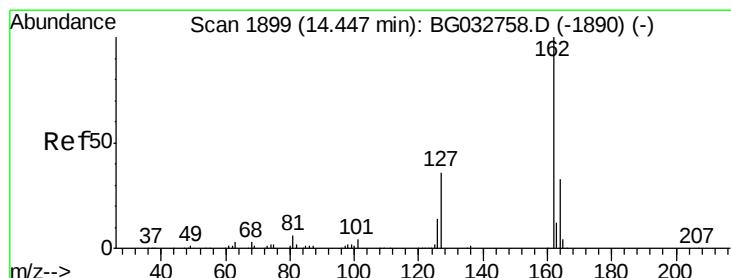
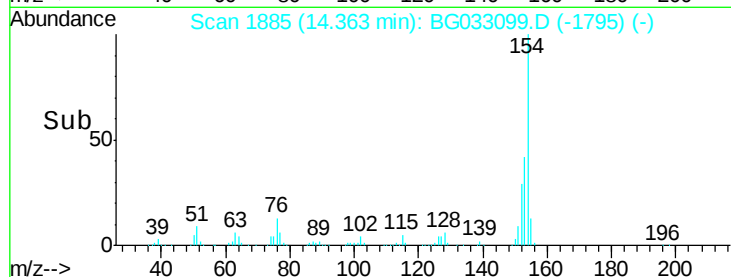
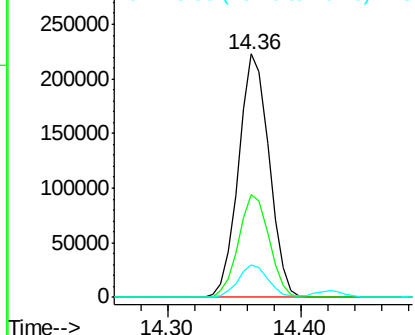
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	13.4	0.0	31.9

Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:20:36 PM

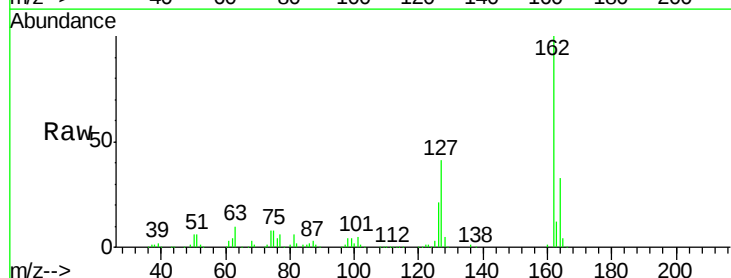


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

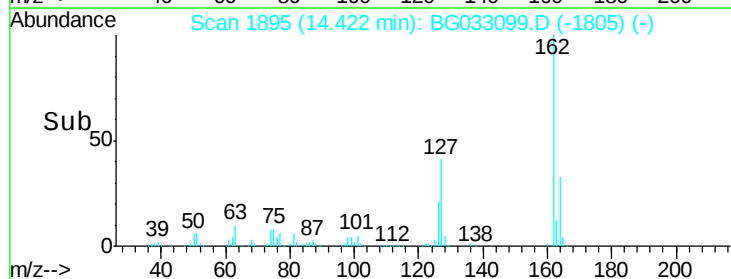
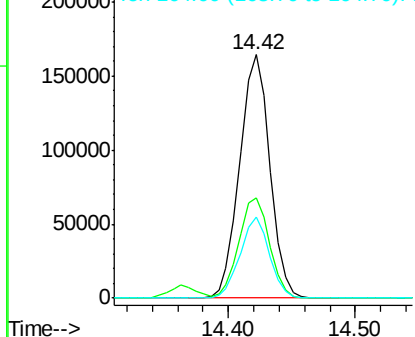


#46
 2-Chloronaphthalene
 Concen: 38.703 ng
 RT: 14.42 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	30.7	46.1
164	33.2	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





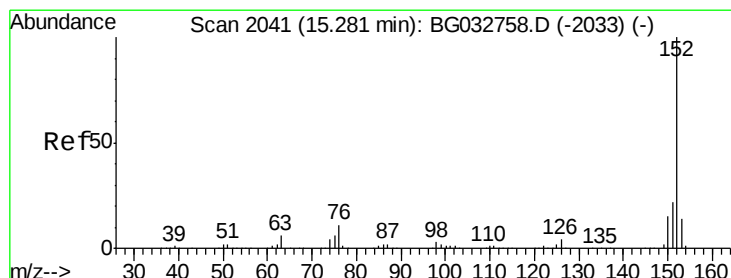
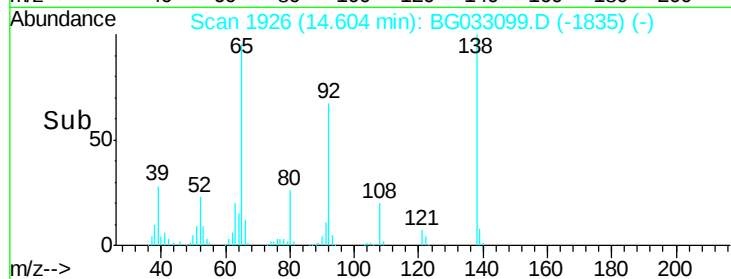
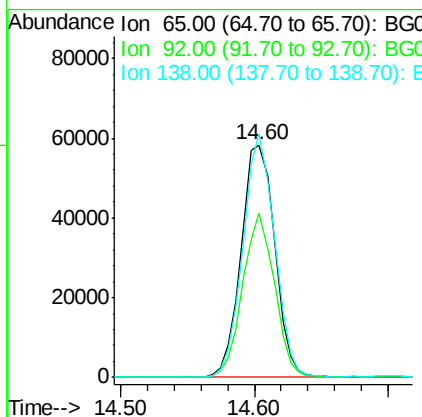
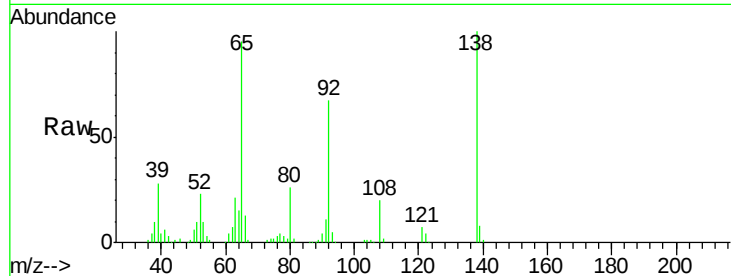
#47
2-Nitroaniline
Concen: 55.622 ng
RT: 14.60 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	54.6	82.0
138	104.8	72.9	109.3

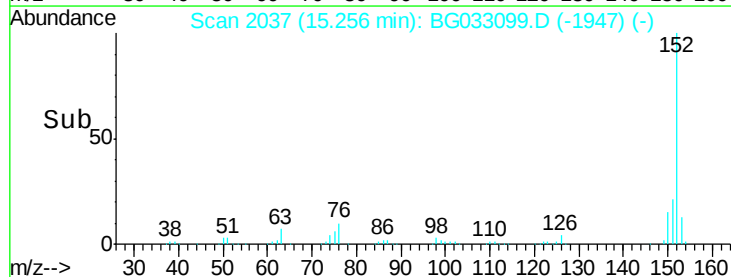
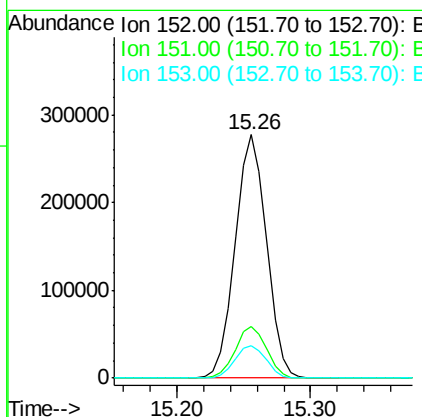
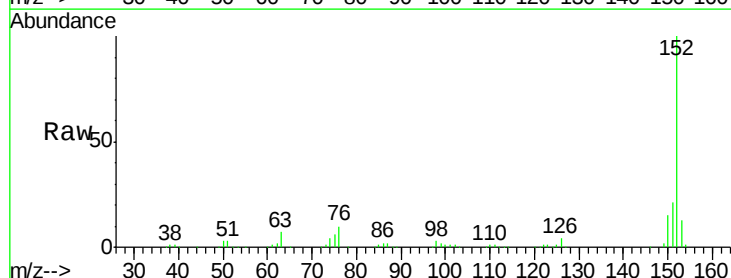
Manual Integrations
APPROVED

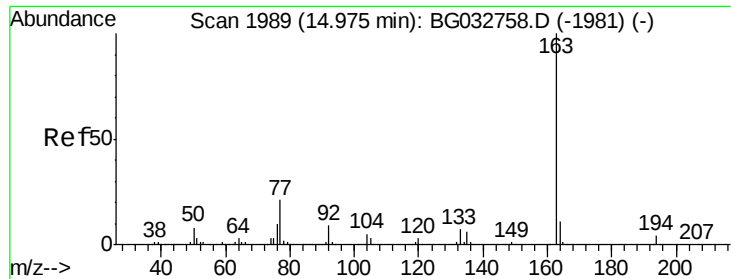
Sohil
3/13/2018 4:20:36 PM



#48
Acenaphthylene
Concen: 39.333 ng
RT: 15.26 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.2	10.2	15.4





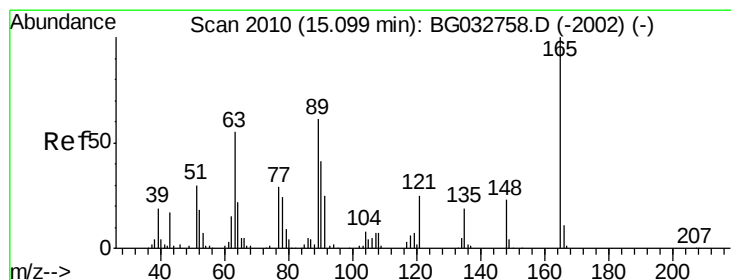
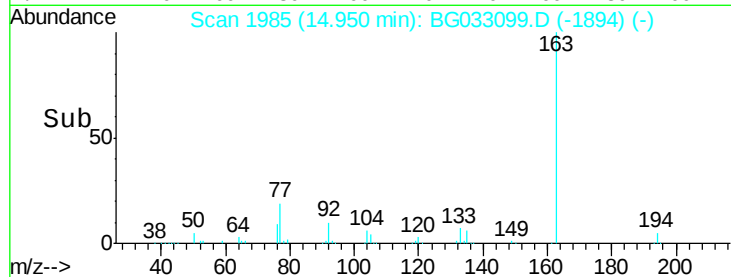
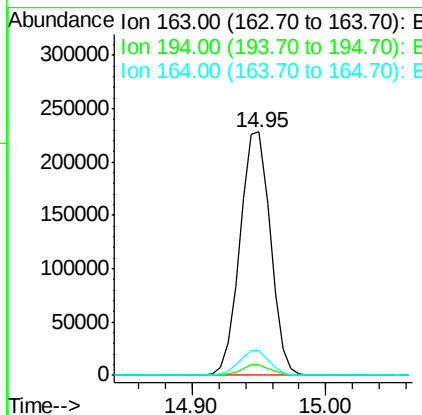
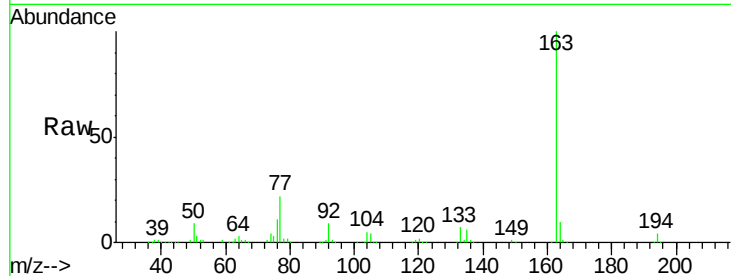
#49
Dimethylphthalate
Concen: 39.249 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	357308		
194	4.3		3.4	5.2
164	10.3		8.2	12.4

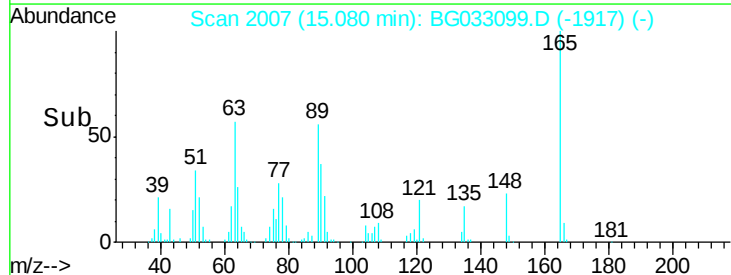
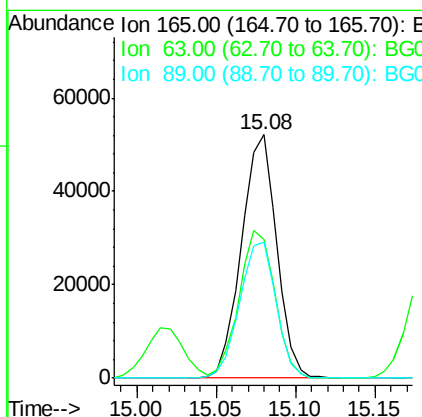
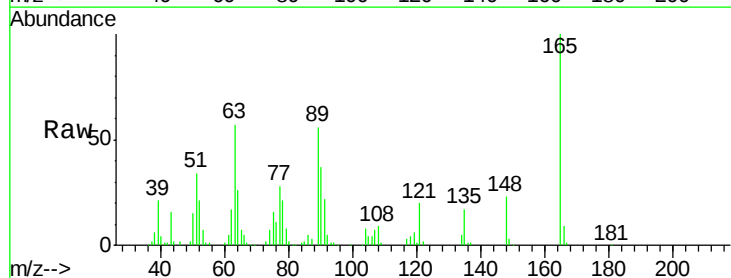
Manual Integrations
APPROVED

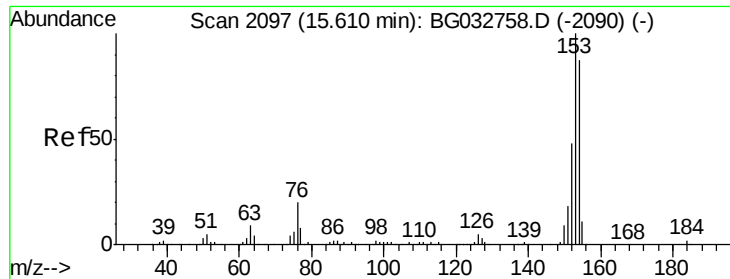
Sohil
3/13/2018 4:20:36 PM



#50
2,6-Dinitrotoluene
Concen: 52.362 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	80395		
63	57.1		52.7	79.1
89	56.1		49.2	73.8





#51

Acenaphthene

Concen: 42.132 ng

RT: 15.59 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Instrument :

BNA_G

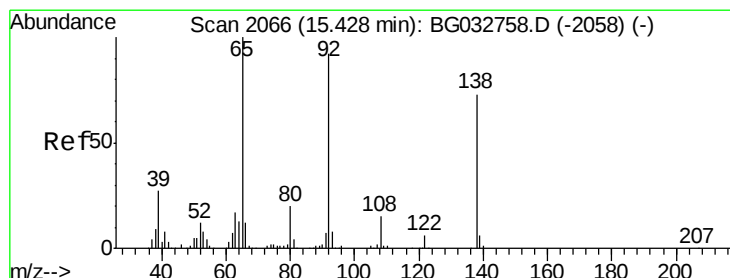
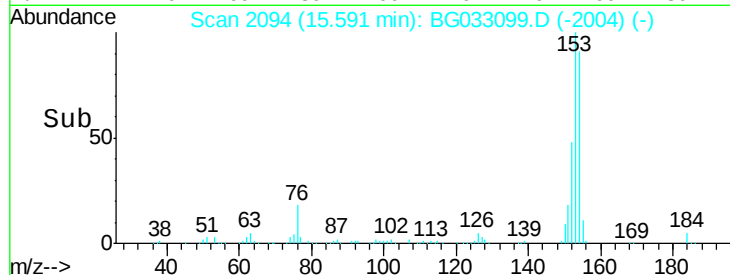
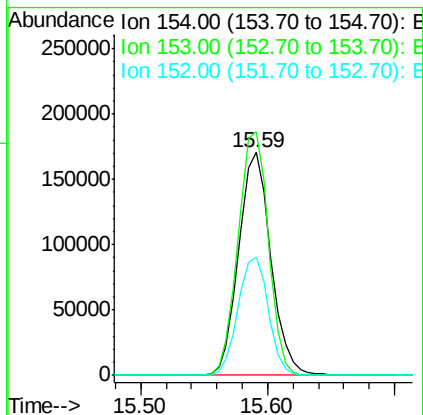
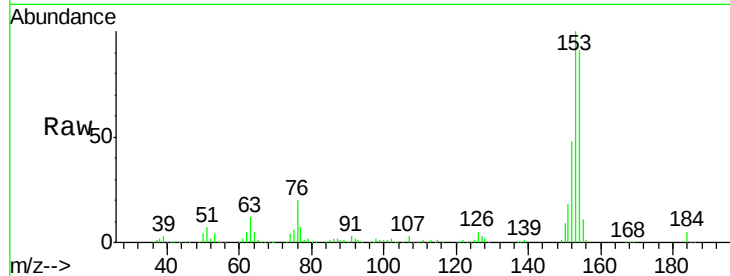
ClientSampleId :

PB107243BSD

Tot Ion:	154	Resp:	300655
Ion Ratio	Lower	Upper	
154	100		
153	109.4	90.4	135.6
152	53.0	41.6	62.4

Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



#52

3-Nitroaniline

Concen: 31.716 ng

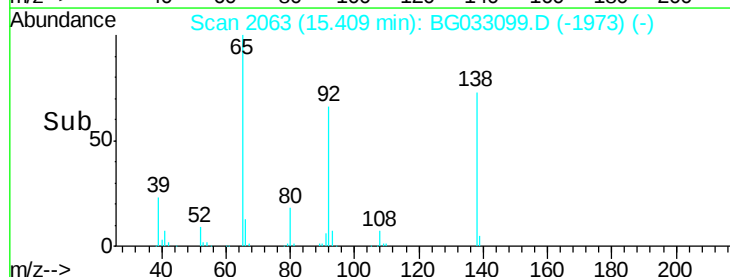
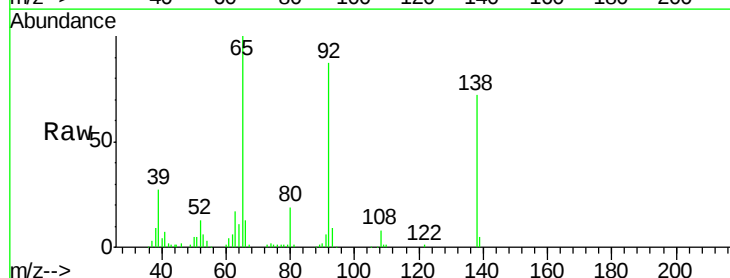
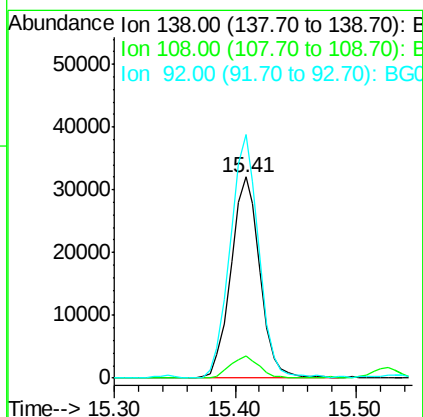
RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Tgt Ion:	138	Resp:	53461
Ion Ratio	Lower	Upper	
138	100		
108	10.9	17.5	26.3#
92	121.0	105.8	158.8





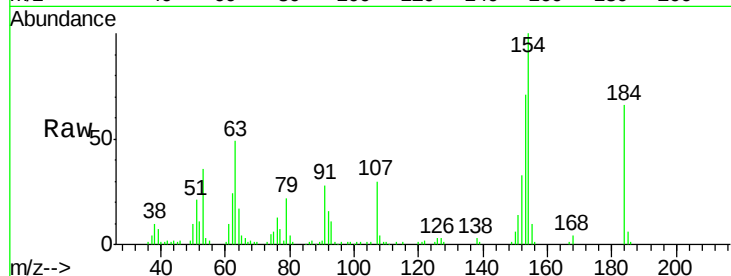
#53
2,4-Dinitrophenol
Concen: 99.999 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

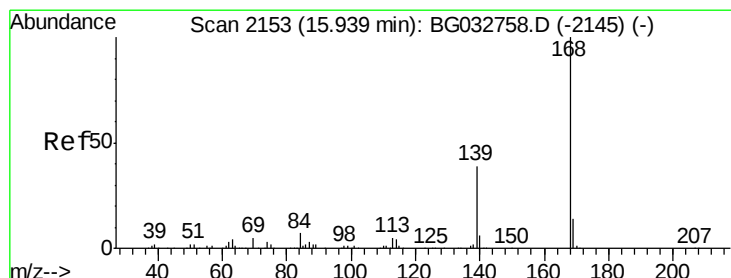
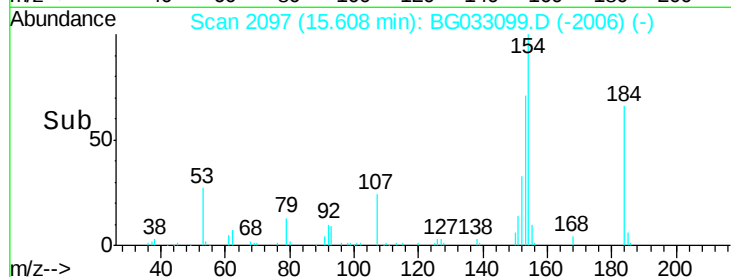
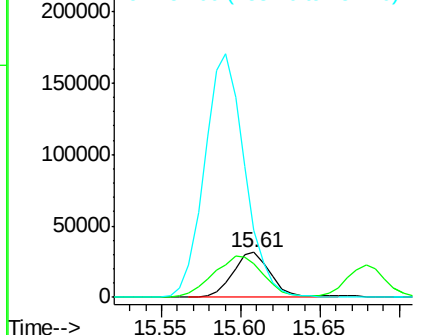
Tot Ion	Ratio	Lower	Upper
184	100		
63	74.6	59.8	89.8
154	150.8	101.8	152.8

Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM

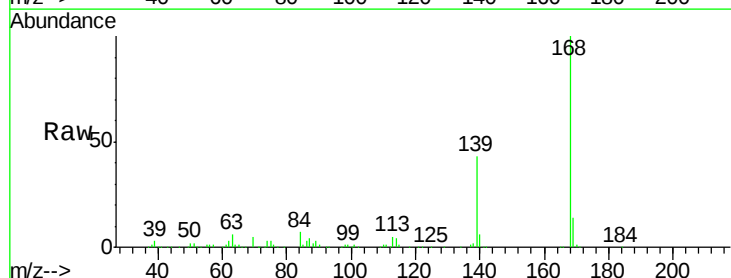


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

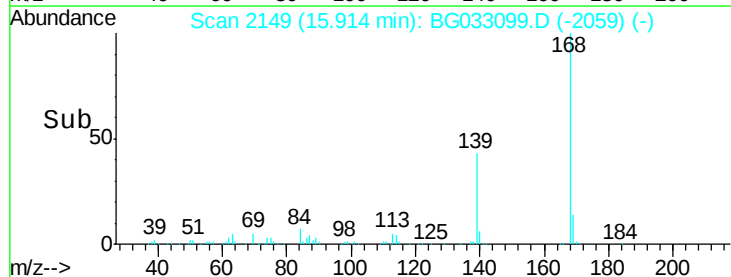
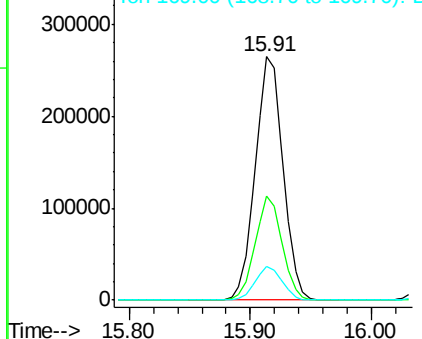


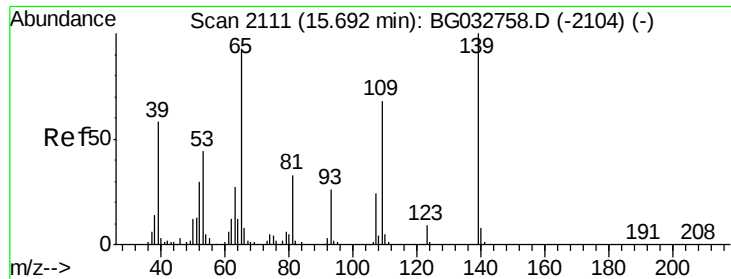
#54
Dibenzofuran
Concen: 41.574 ng
RT: 15.91 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	28.6	43.0
169	13.6	11.2	16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





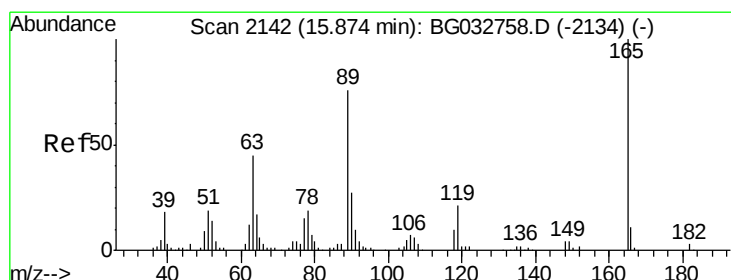
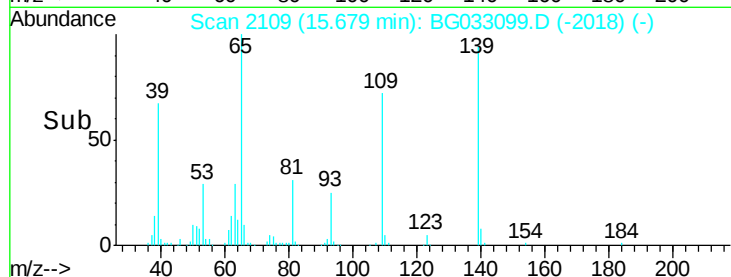
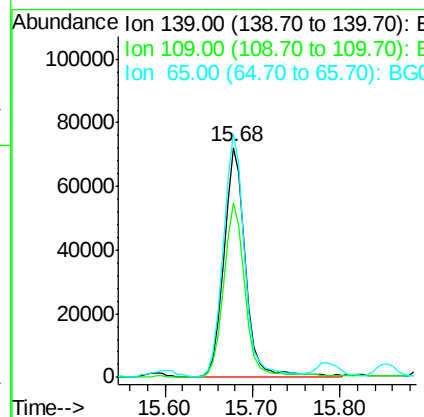
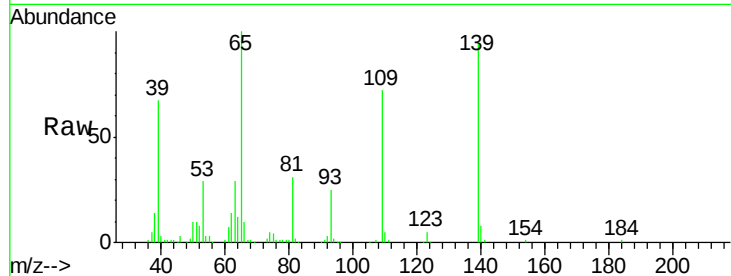
#55
4-Nitrophenol
Concen: 82.910 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	124022		
109	76.3	62.2	102.2	
65	106.0	97.2	137.2	

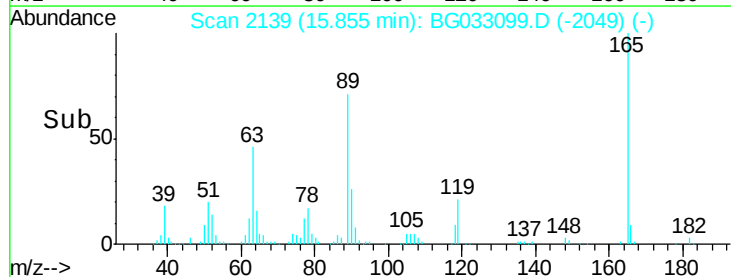
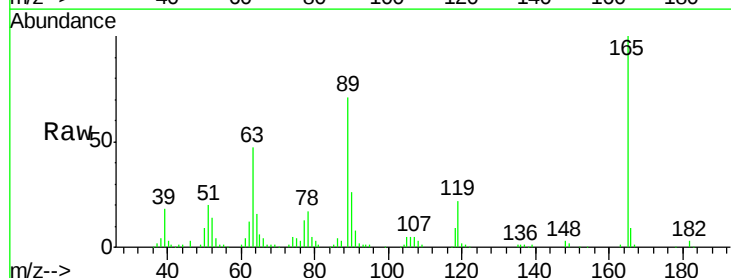
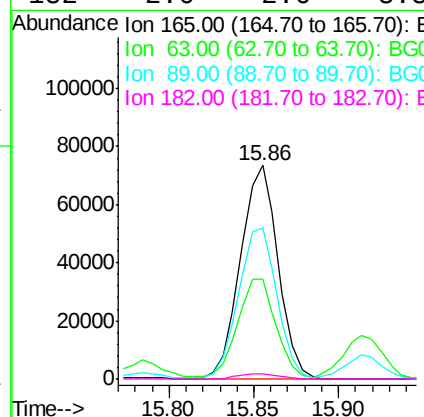
Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



#56
2,4-Dinitrotoluene
Concen: 60.204 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113631		
63	46.6	42.0	63.0	
89	70.7	66.9	100.3	
182	2.6	2.6	3.8	





#57

Fluorene

Concen: 40.836 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Instrument :

BNA_G

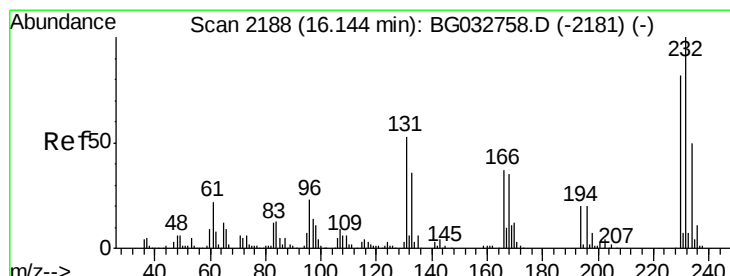
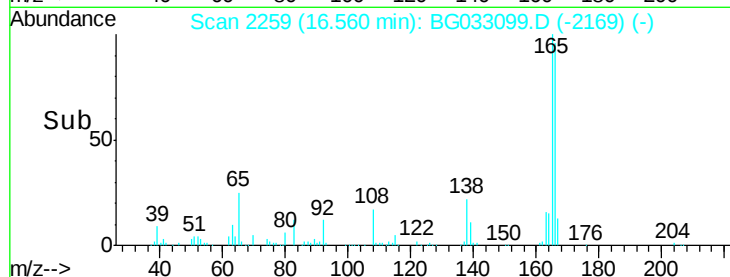
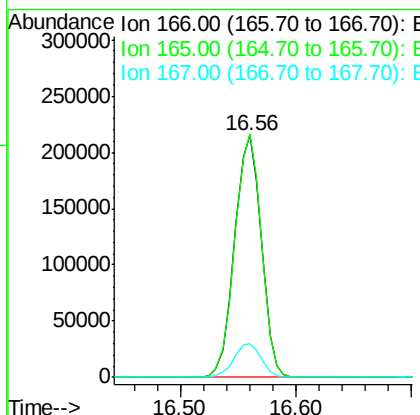
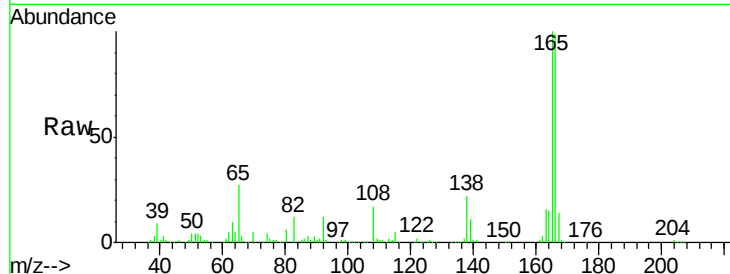
ClientSampleId :

PB107243BSD

Tot Ion:	166	Resp:	342464
Ion Ratio	Lower	Upper	
166	100		
165	100.7	80.6	121.0
167	14.0	10.4	15.6

Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.258 ng m

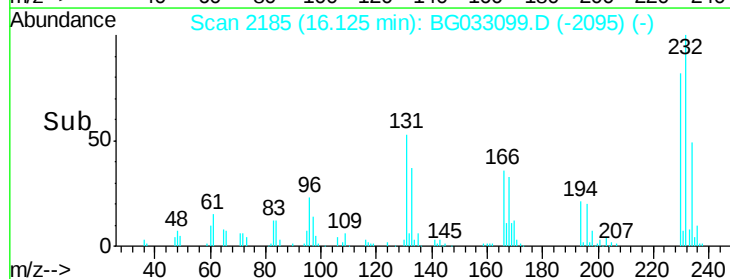
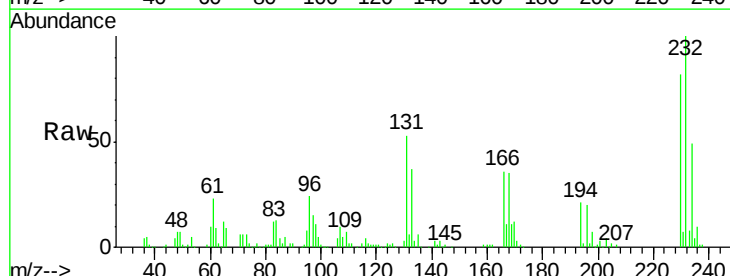
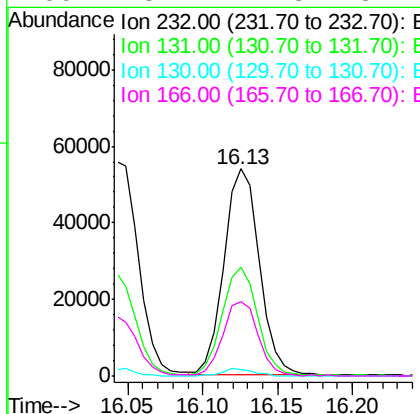
RT: 16.13 min Scan# 2185

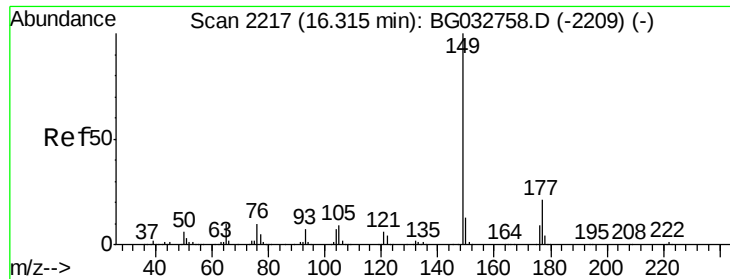
Delta R.T. -0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Tgt Ion:	232	Resp:	88841
Ion Ratio	Lower	Upper	
232	100		
131	46.1	33.5	50.3
130	3.1	2.2	3.2
166	28.4	24.8	37.2





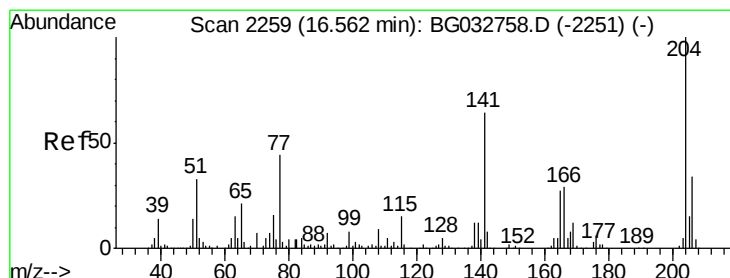
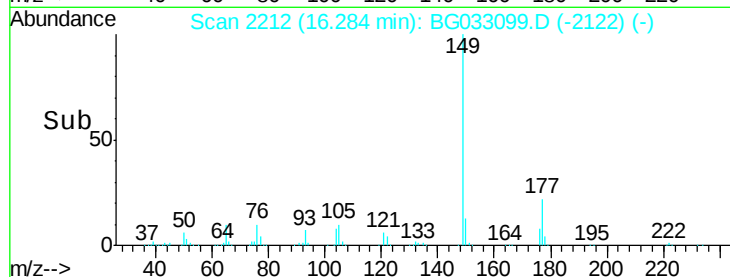
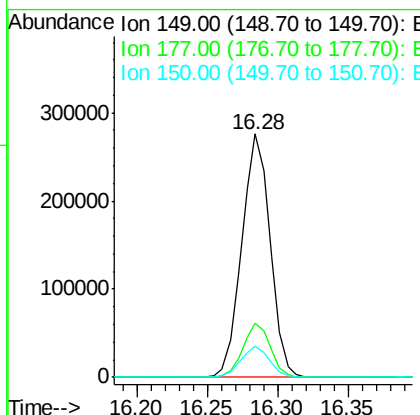
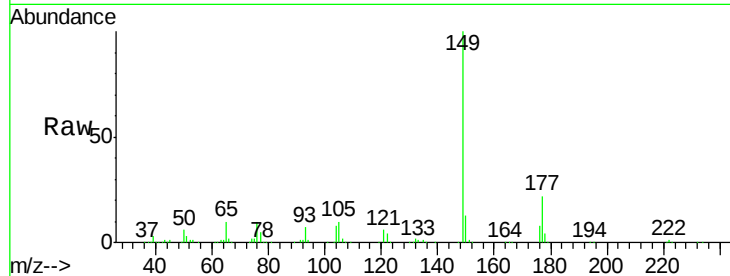
#59
Diethylphthalate
Concen: 40.282 ng
RT: 16.28 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	386789		
177	22.0		18.5	27.7
150	13.0		10.2	15.2

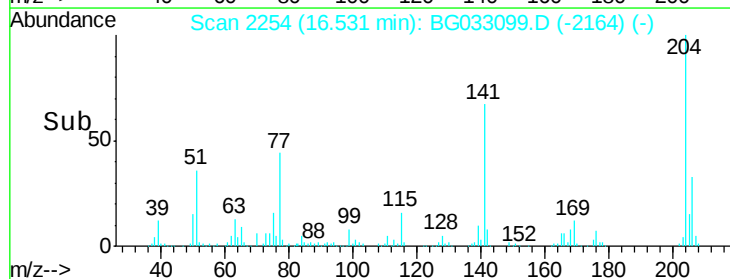
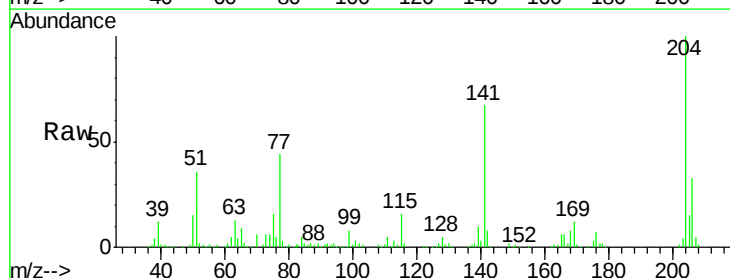
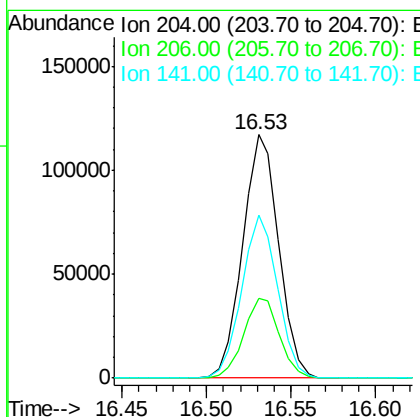
Manual Integrations
APPROVED

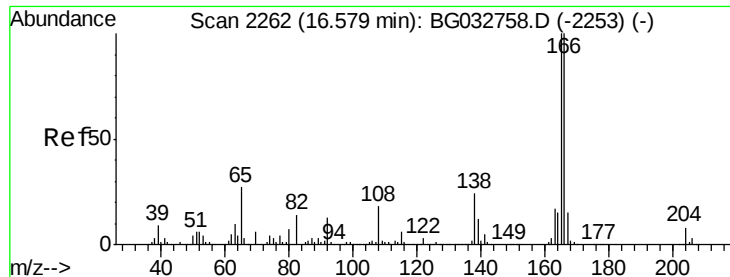
Sohil
3/13/2018 4:20:36 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.231 ng
RT: 16.53 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	173256		
206	32.8		26.2	39.2
141	67.1		45.8	68.6





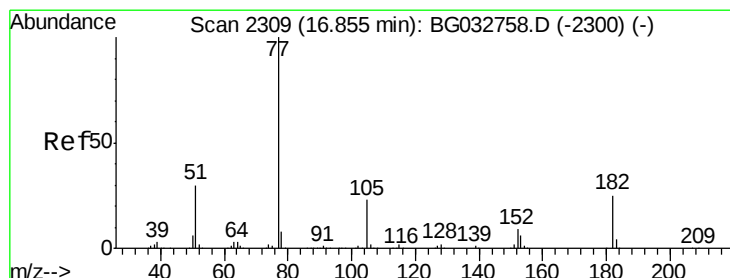
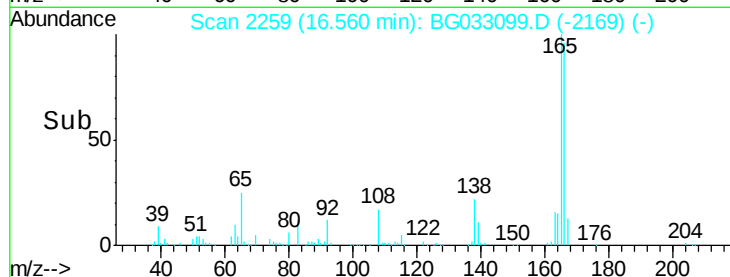
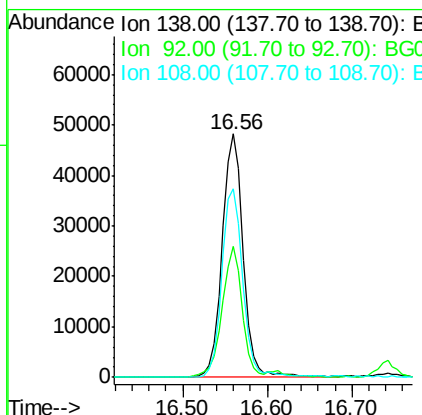
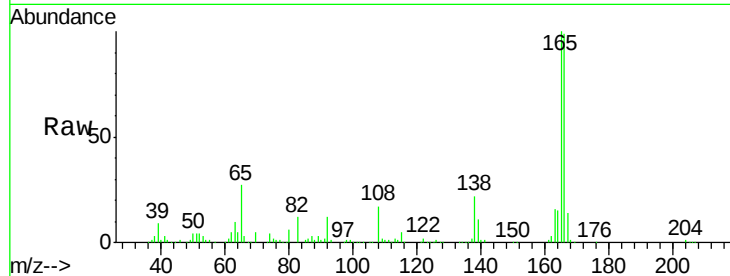
#61
4-Nitroaniline
Concen: 42.922 ng
RT: 16.56 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.6	40.1	80.1
108	77.5	65.4	105.4

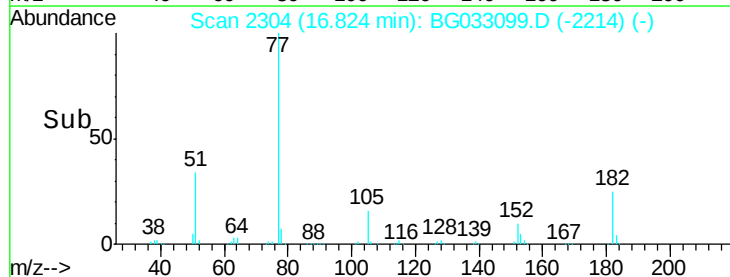
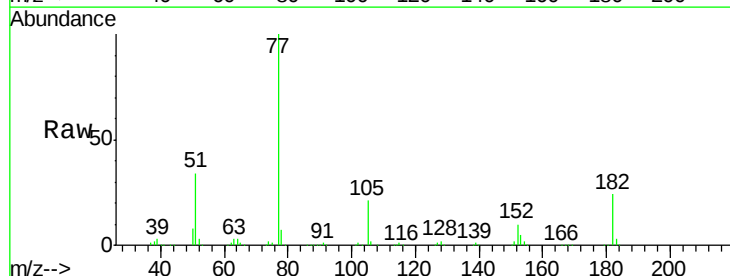
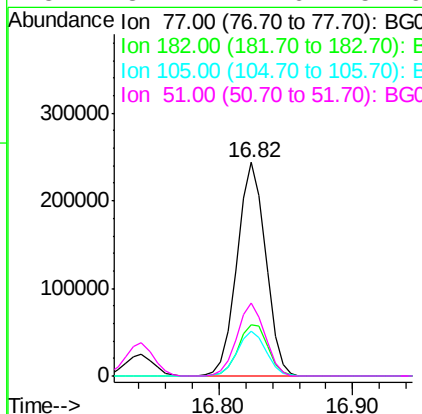
Manual Integrations
APPROVED

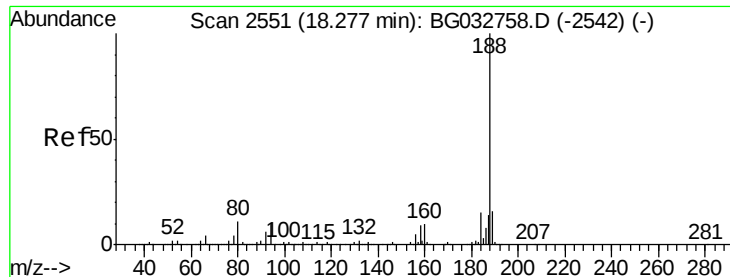
Sohil
3/13/2018 4:20:36 PM



#62
Azobenzene
Concen: 42.245 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	7.4	47.4
105	20.9	0.3	40.3
51	34.4	11.6	51.6





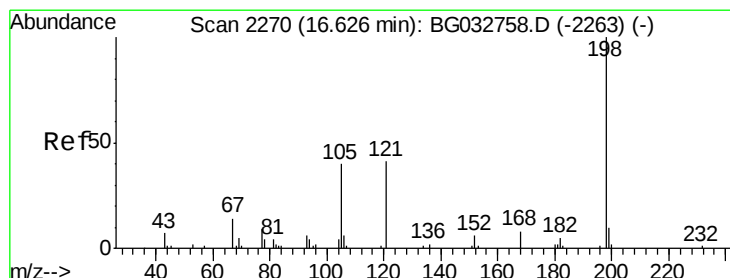
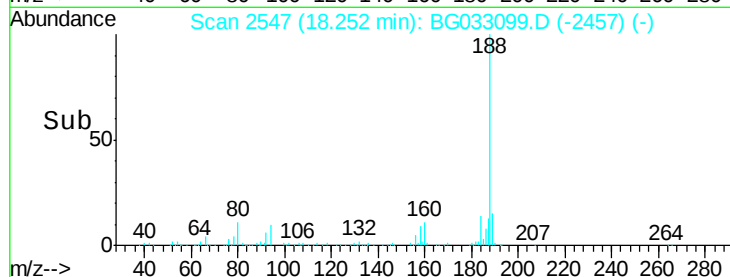
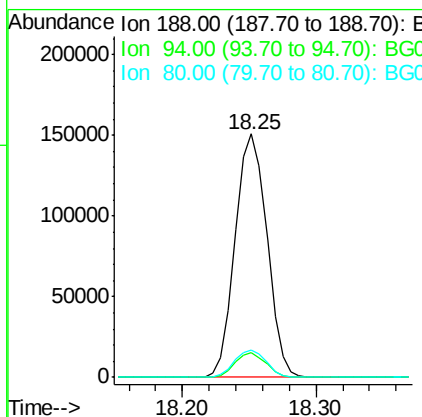
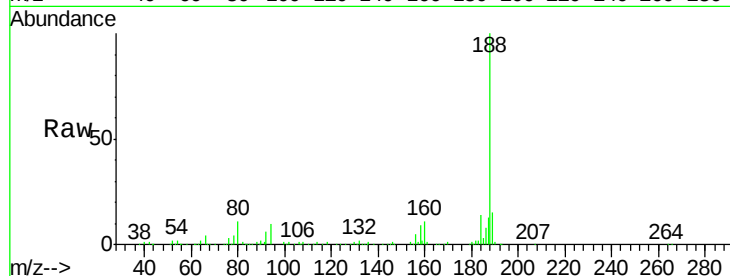
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.2	6.9	10.3
80	11.1	7.7	11.5

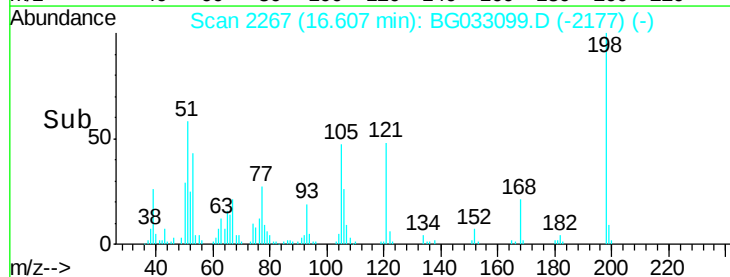
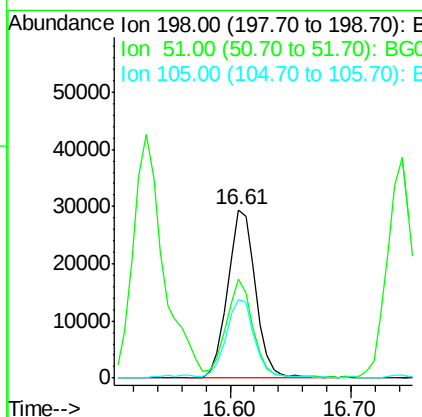
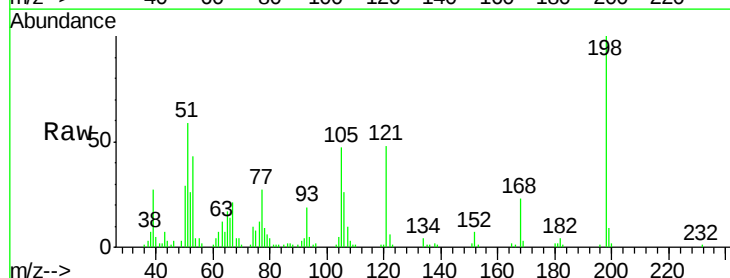
Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 59.597 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	58.8	30.6	70.6
105	46.7	23.8	63.8





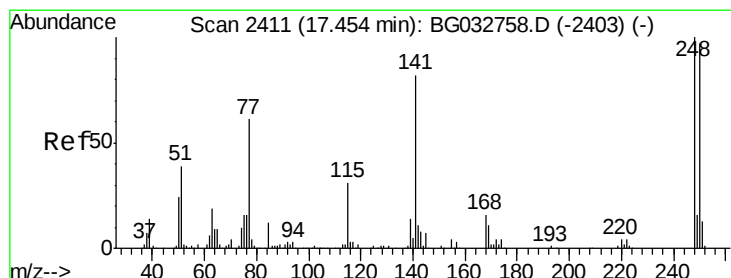
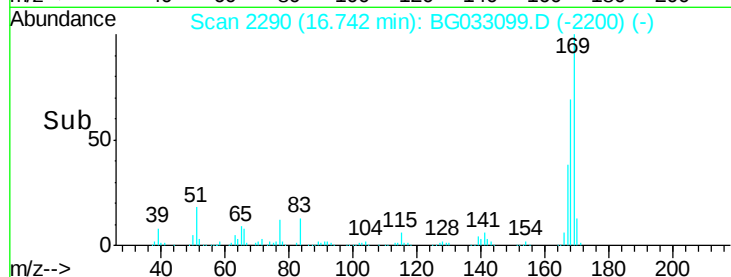
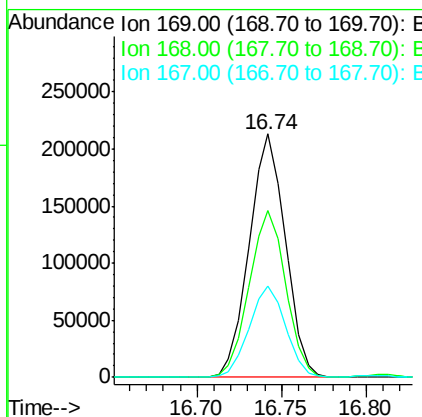
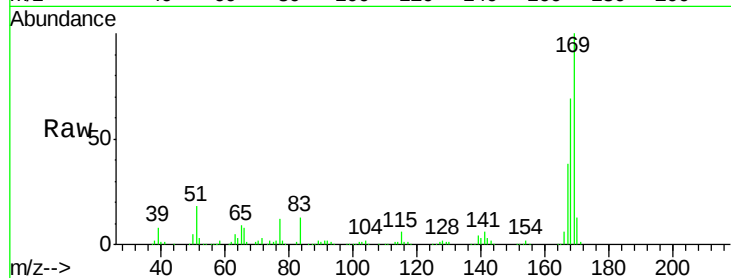
#65
 n-Nitrosodiphenylamine
 Concen: 39.159 ng
 RT: 16.74 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		317543		
168	68.7	55.7		83.5	
167	37.7	30.1		45.1	

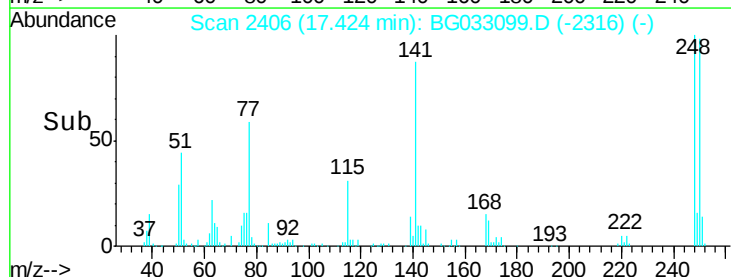
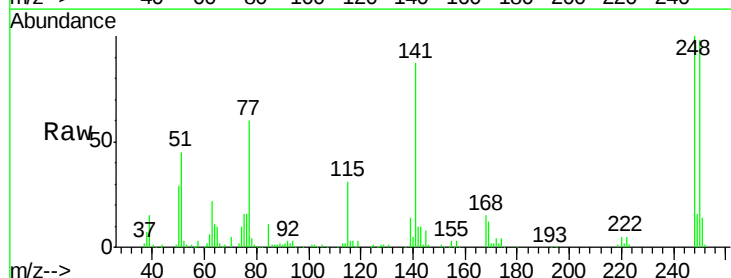
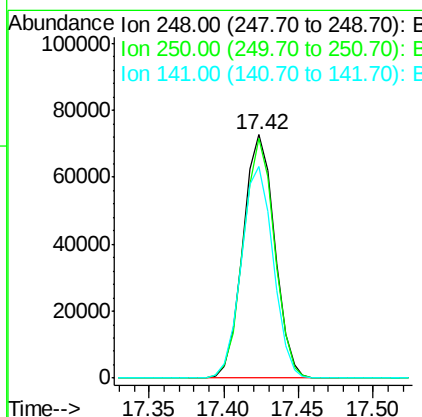
Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:20:36 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.601 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		107015		
250	98.3	77.1		115.7	
141	87.1	50.8		76.2	





#67

Hexachlorobenzene

Concen: 39.579 ng

RT: 17.55 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Instrument :

BNA_G

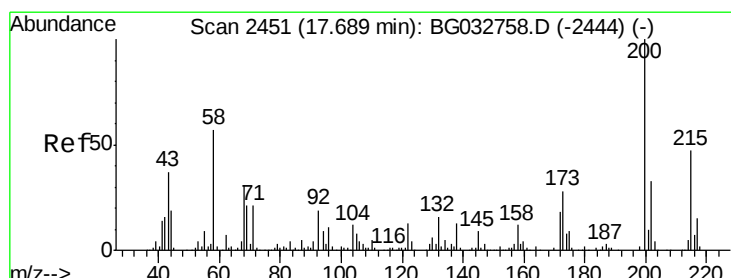
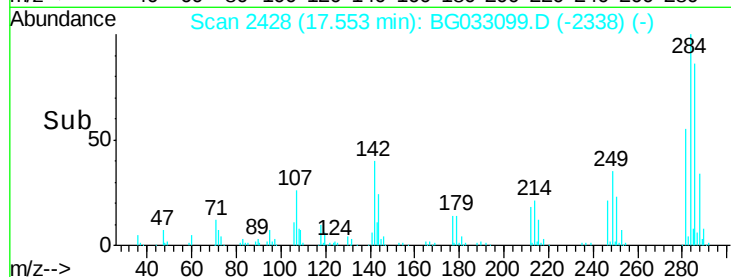
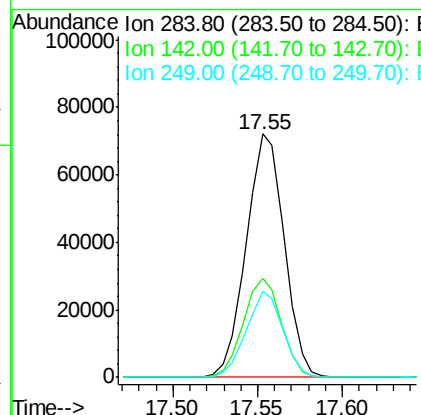
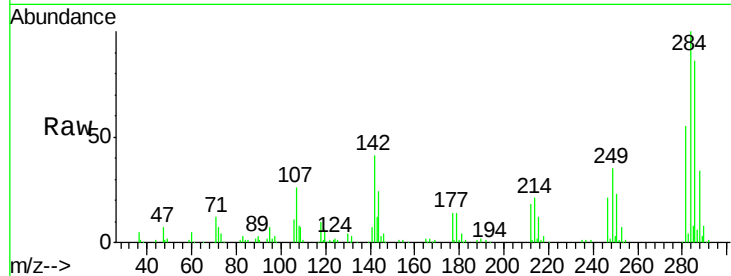
ClientSampleId :

PB107243BSD

Tot Ion:	284	Resp:	112735
Ion Ratio	Lower	Upper	
284	100		
142	40.8	26.8	40.2#
249	35.4	26.3	39.5

Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



#68

Atrazine

Concen: 42.524 ng

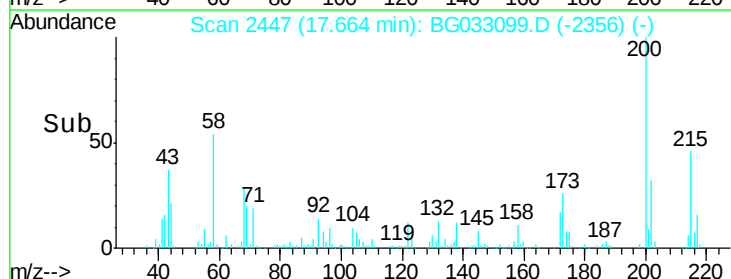
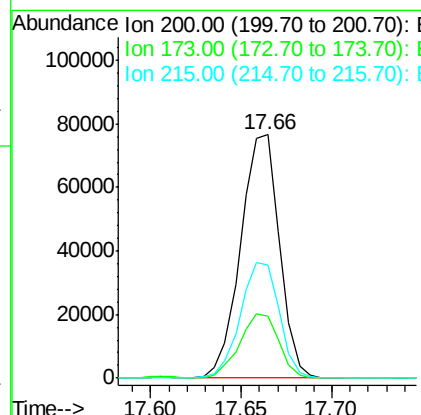
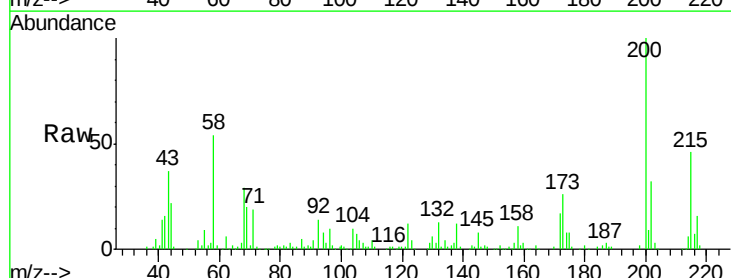
RT: 17.66 min Scan# 2447

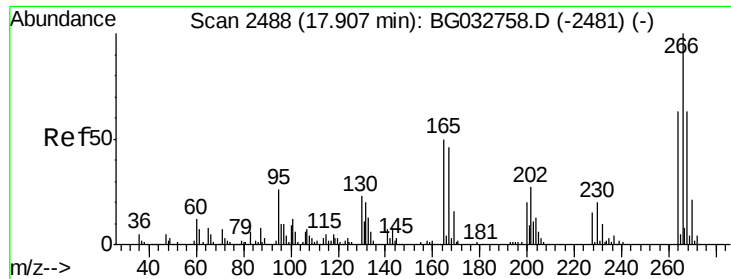
Delta R.T. 0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Tgt Ion:	200	Resp:	113505
Ion Ratio	Lower	Upper	
200	100		
173	25.6	5.2	45.2
215	46.4	30.4	70.4





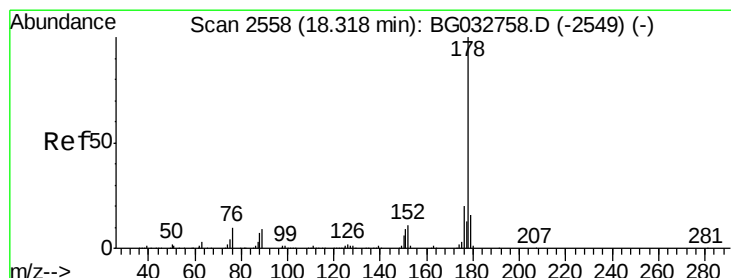
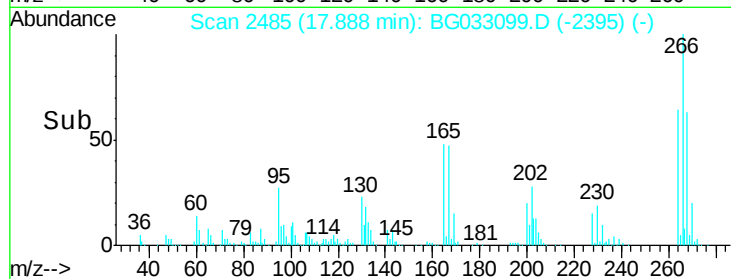
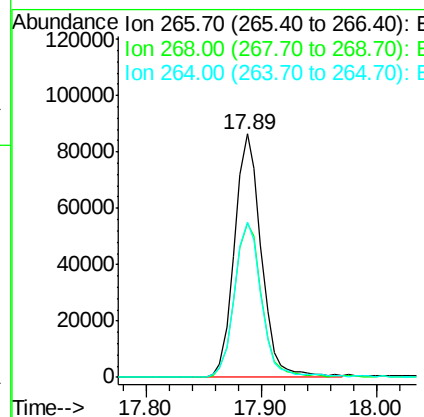
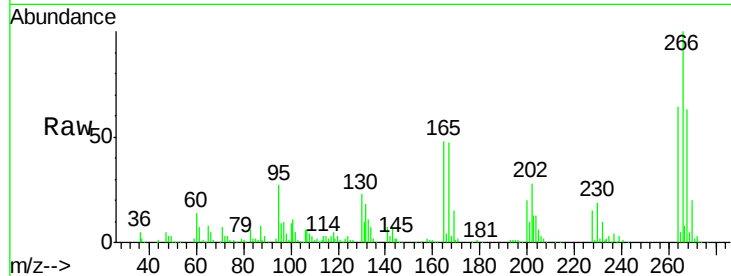
#69
 Pentachlorophenol
 Concen: 77.672 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	139353		
268	63.1	51.1	76.7	
264	63.5	49.6	74.4	

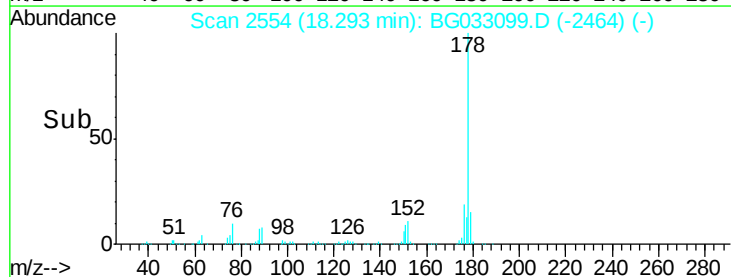
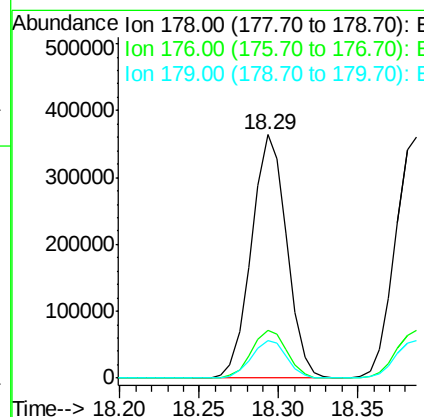
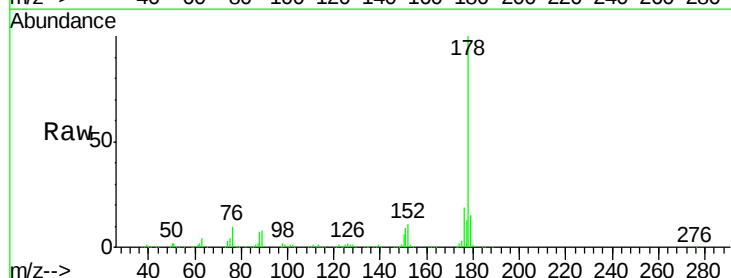
Manual Integrations
 APPROVED

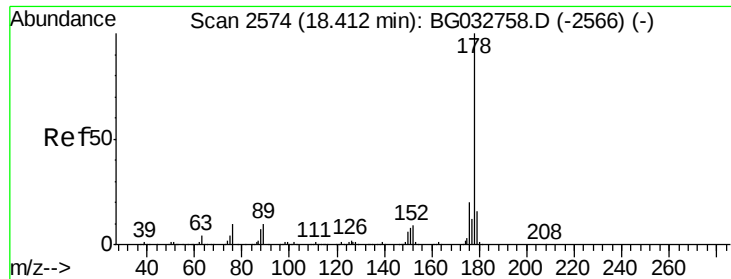
Sohil
 3/13/2018 4:20:36 PM



#70
 Phenanthrene
 Concen: 40.476 ng
 RT: 18.29 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	562885		
176	19.5	15.7	23.5	
179	15.5	12.5	18.7	





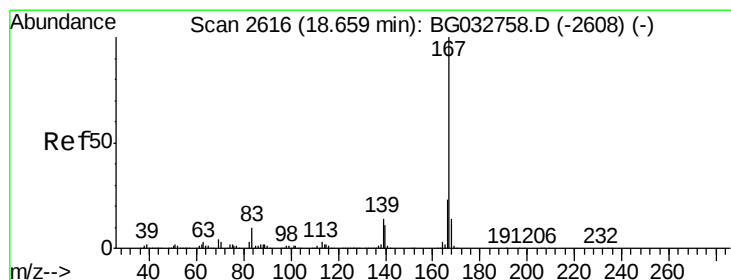
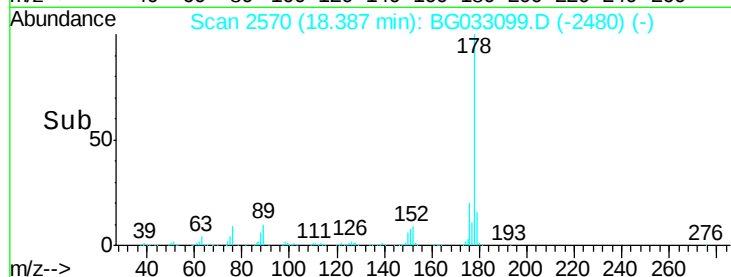
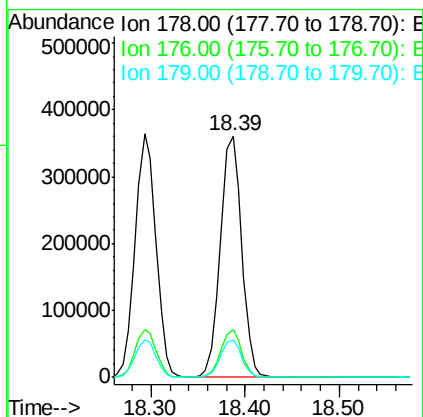
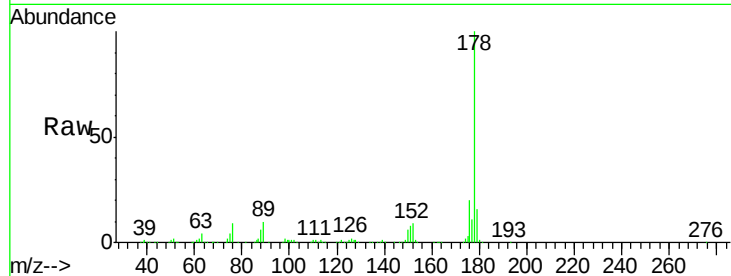
#71
 Anthracene
 Concen: 41.031 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampleID :
 PB107243BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.8	12.5	18.7

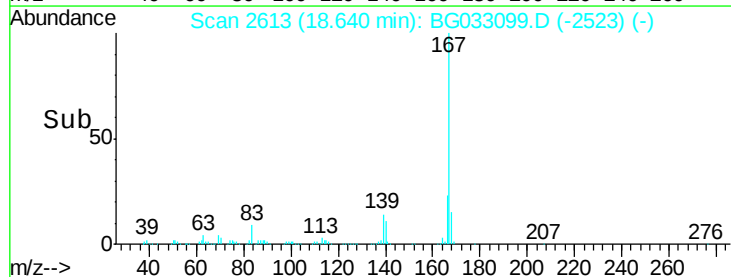
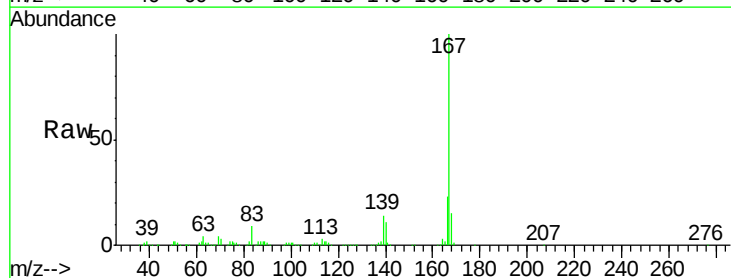
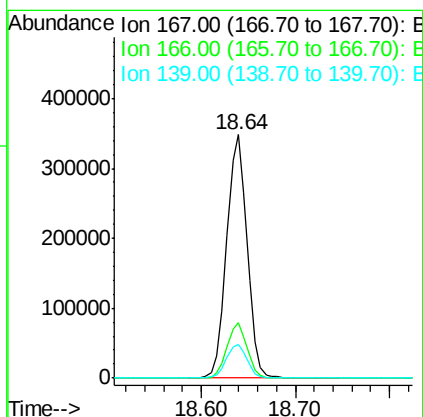
Manual Integrations
 APPROVED

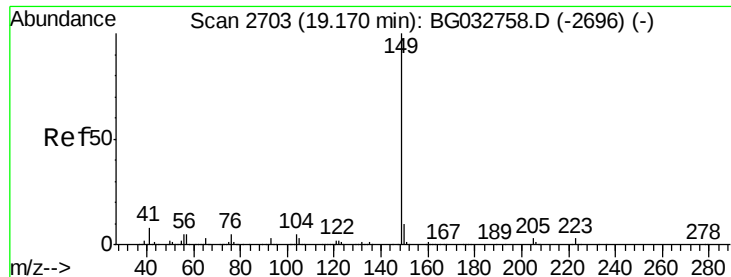
Sohil
 3/13/2018 4:20:36 PM



#72
 Carbazole
 Concen: 38.253 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.9	9.4	14.2





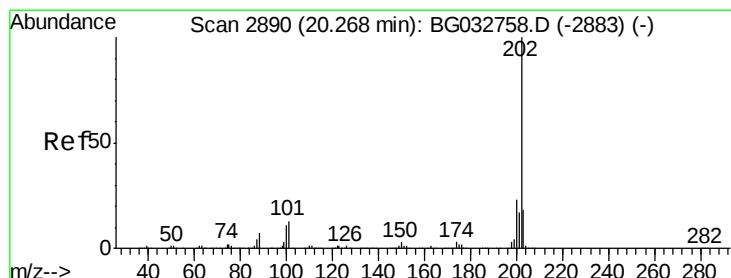
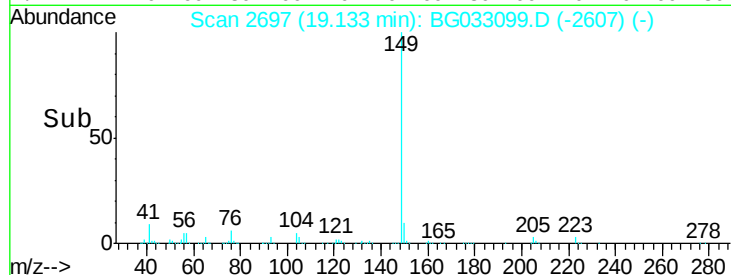
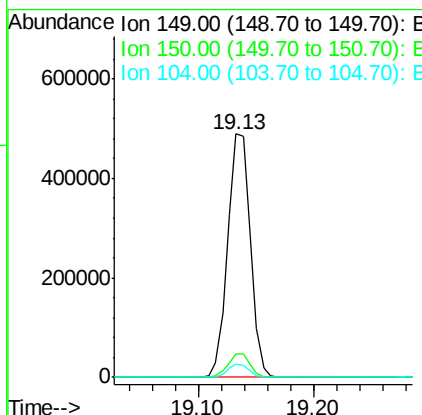
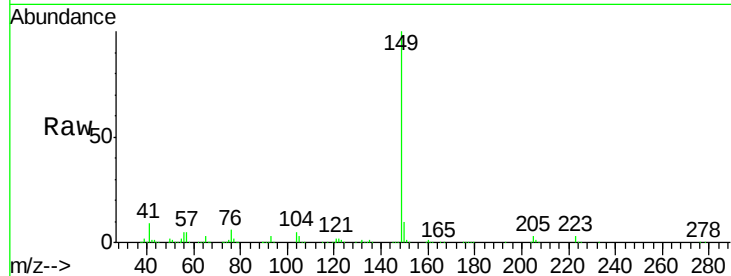
#73
Di-n-butylphthalate
Concen: 39.400 ng
RT: 19.13 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	665179		
150	9.9	7.8	11.6	
104	5.4	3.9	5.9	

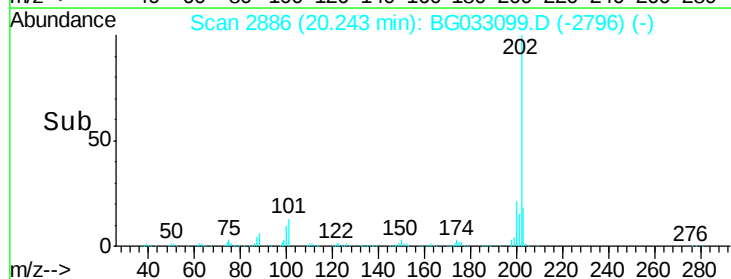
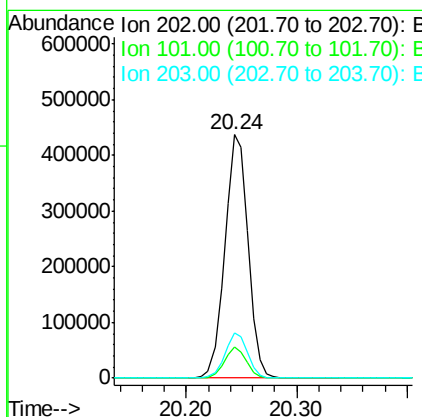
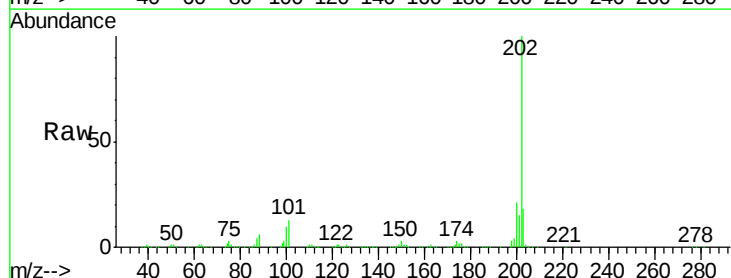
Manual Integrations
APPROVED

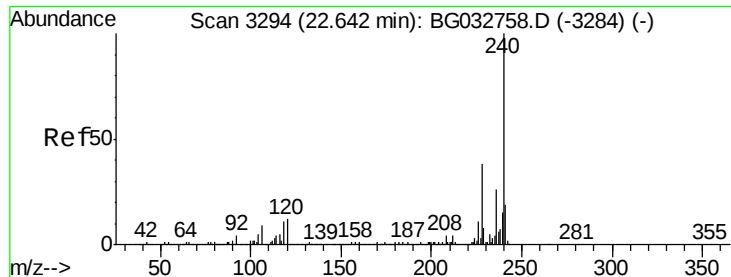
Sohil
3/13/2018 4:20:36 PM



#74
Fluoranthene
Concen: 41.558 ng
RT: 20.24 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	638398		
101	12.7	0.0	28.9	
203	18.4	0.0	37.5	





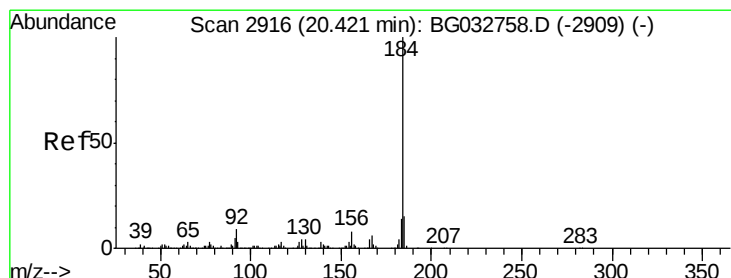
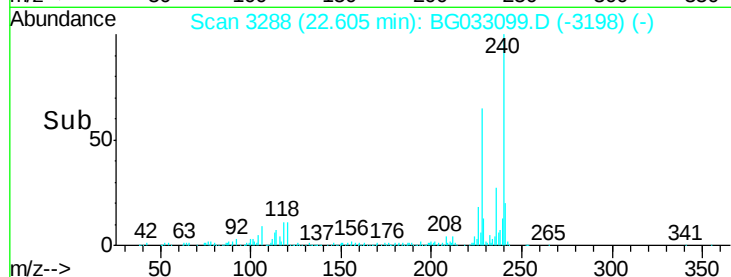
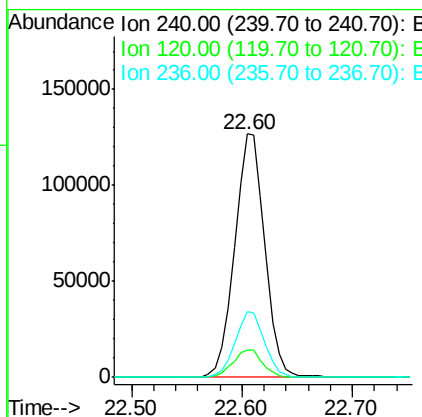
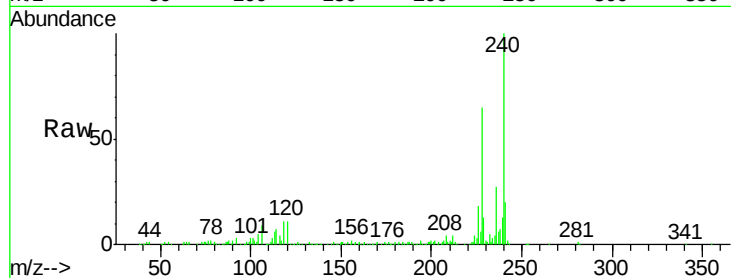
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.8	10.2#
236	26.8	20.9	31.3

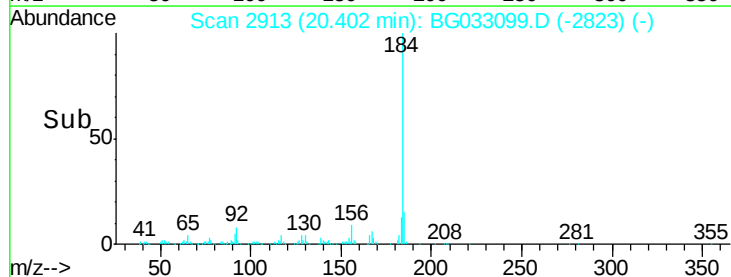
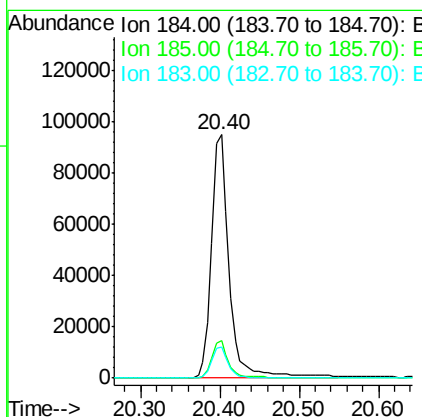
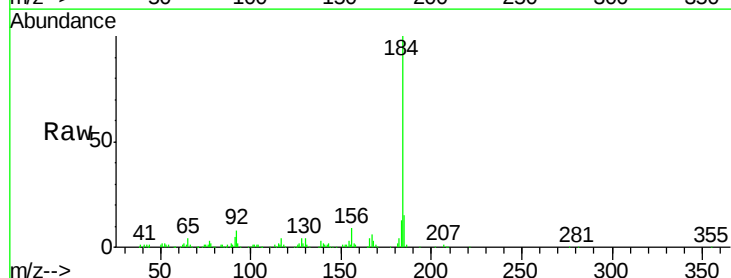
Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



#76
Benzidine
Concen: 18.037 ng
RT: 20.40 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

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





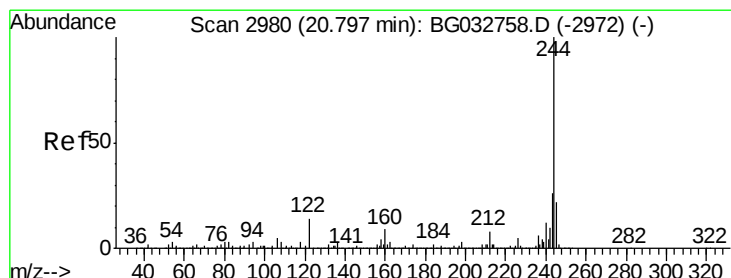
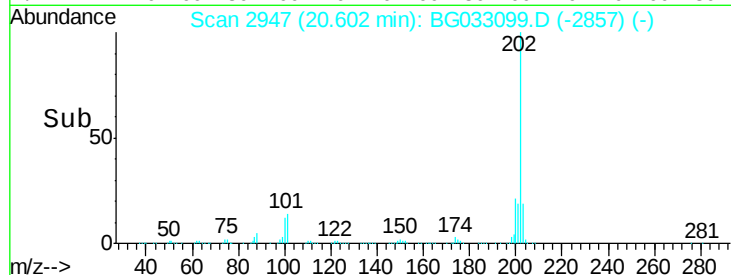
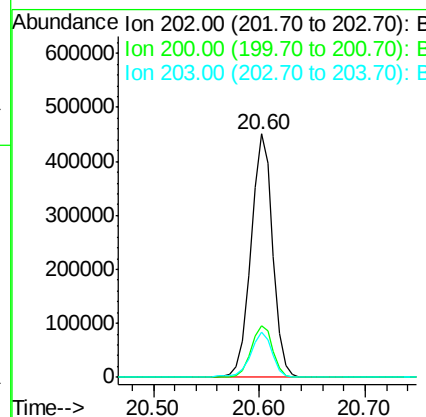
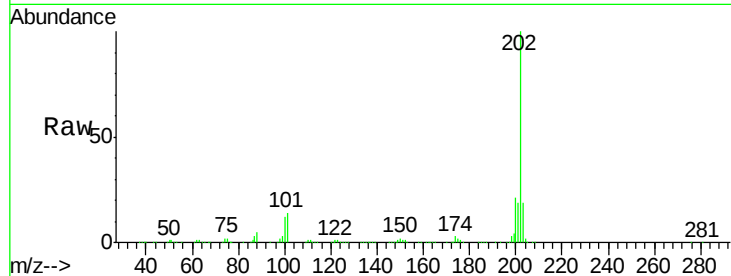
#77
Pvrene
Concen: 37.807 ng
RT: 20.60 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.7	13.9	20.9

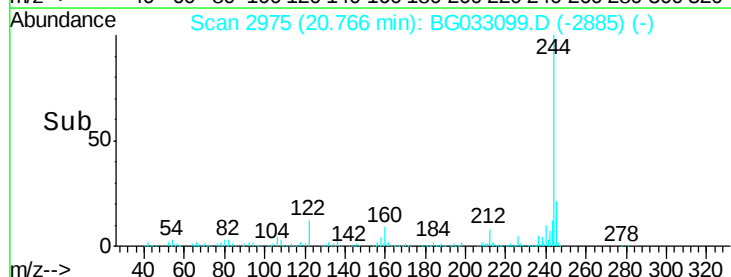
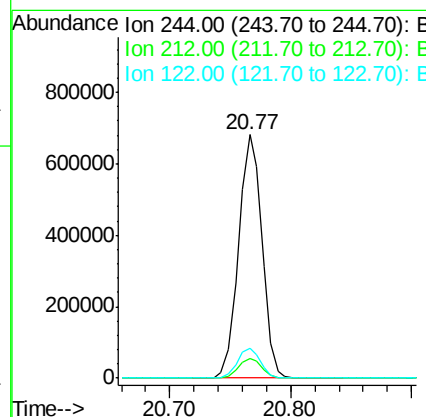
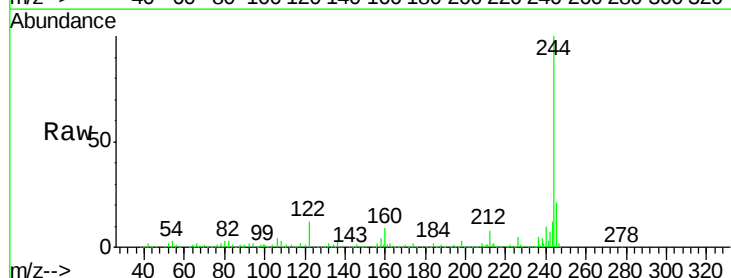
Manual Integrations
APPROVED

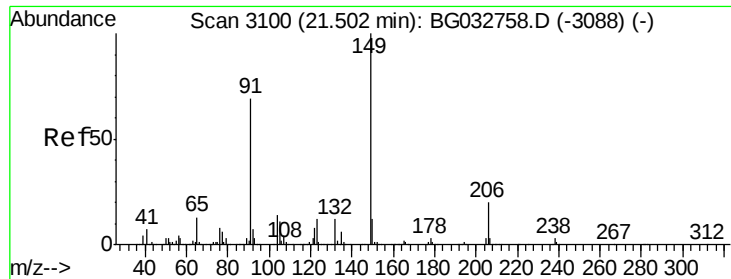
Sohil
3/13/2018 4:20:36 PM



#78
Terphenyl-d14
Concen: 85.661 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.2	5.8	8.8
122	12.2	7.0	10.4





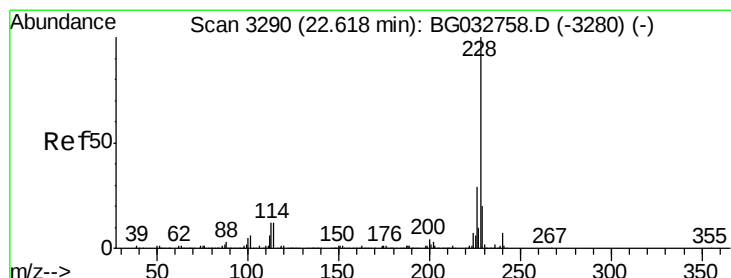
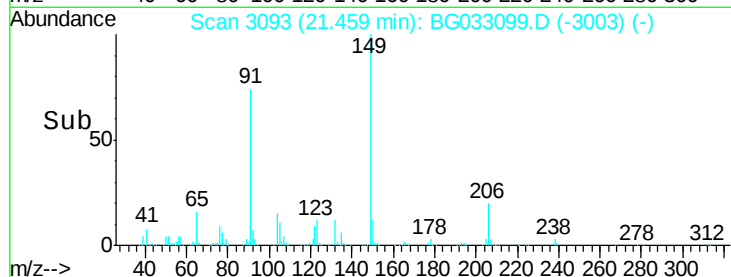
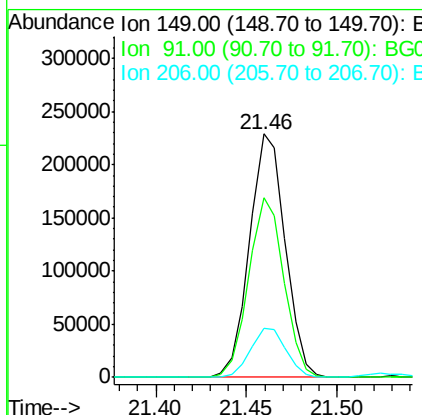
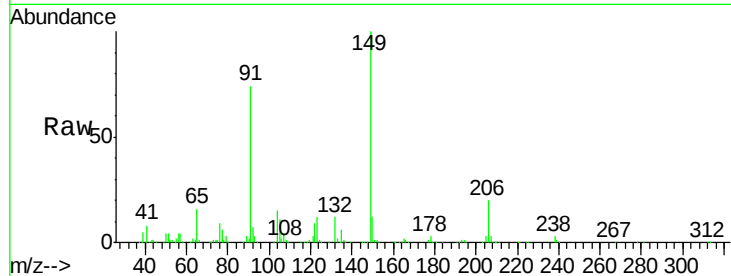
#79
Butylbenzylphthalate
Concen: 41.532 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.6	62.2	93.2
206	20.0	18.6	27.8

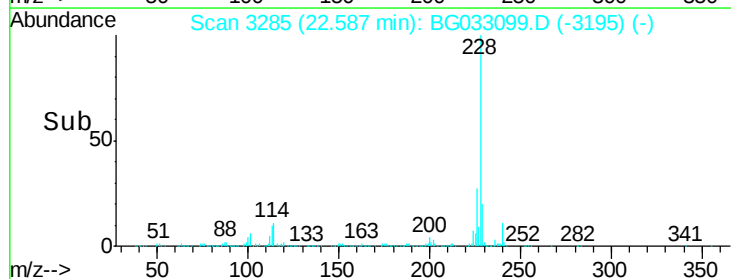
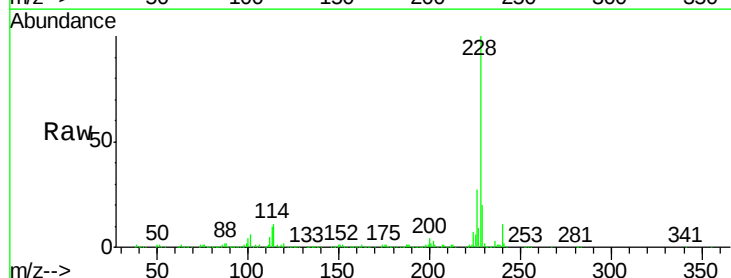
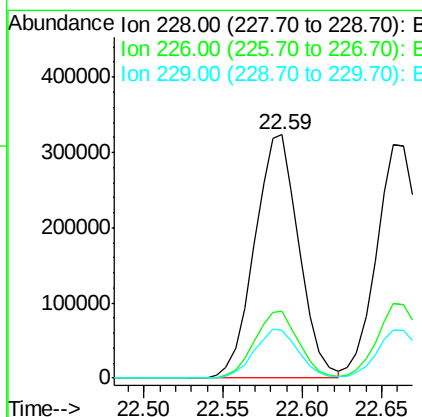
Manual Integrations
APPROVED

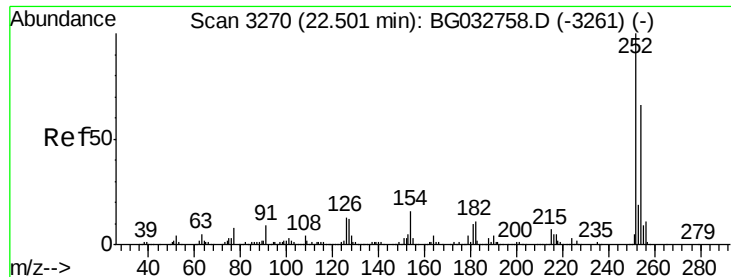
Sohil
3/13/2018 4:20:36 PM



#80
Benzo(a)anthracene
Concen: 40.434 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	19.5	16.2	24.2





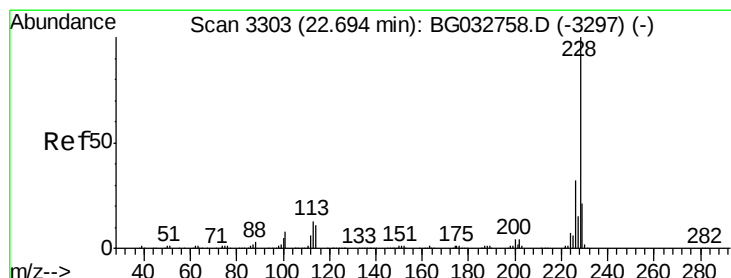
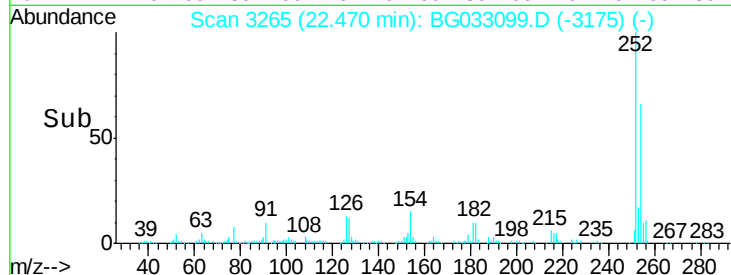
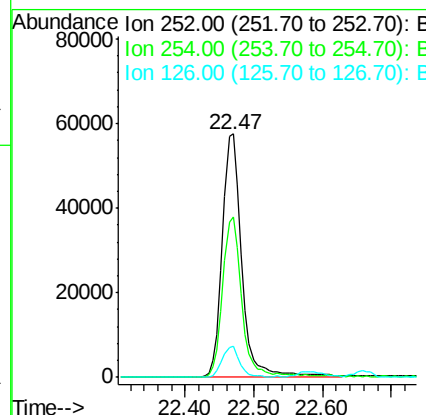
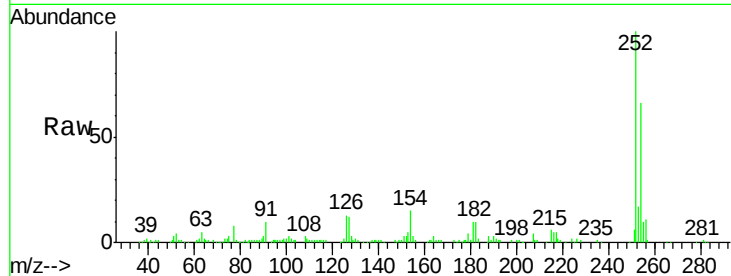
#81
 3,3'-Dichlorobenzidine
 Concen: 19.931 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	114177		
254	65.9	50.8	76.2	
126	12.8	7.4	11.2	

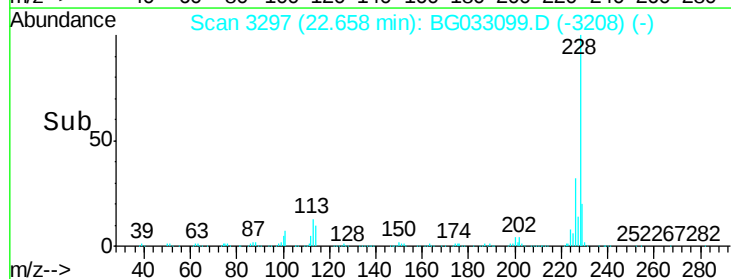
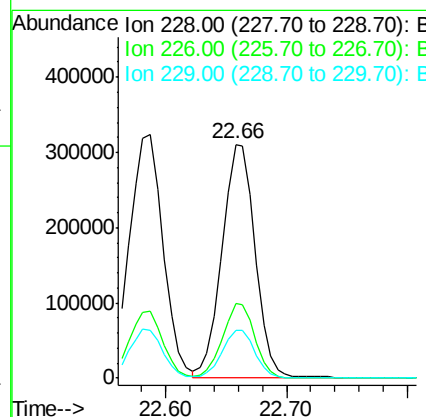
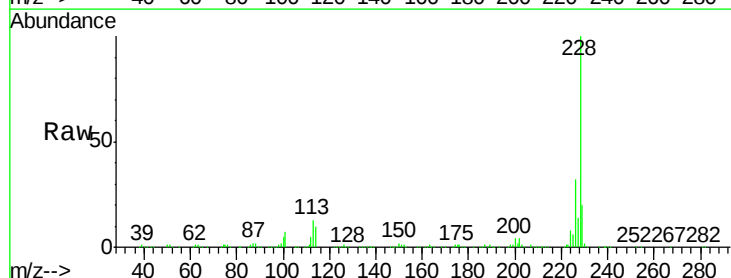
Manual Integrations
 APPROVED

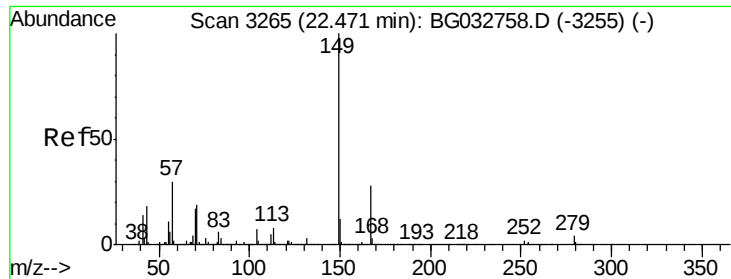
Sohil
 3/13/2018 4:20:36 PM



#82
 Chrysene
 Concen: 39.569 ng
 RT: 22.66 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	584645		
226	32.0	24.9	37.3	
229	20.2	15.0	22.4	





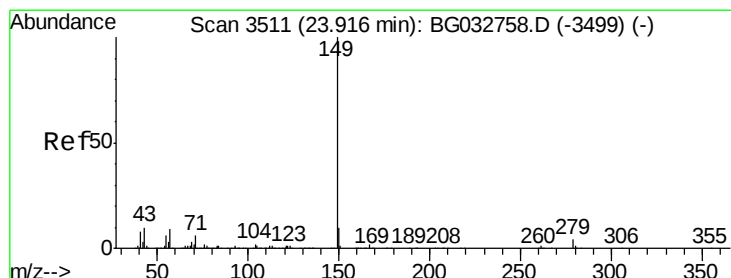
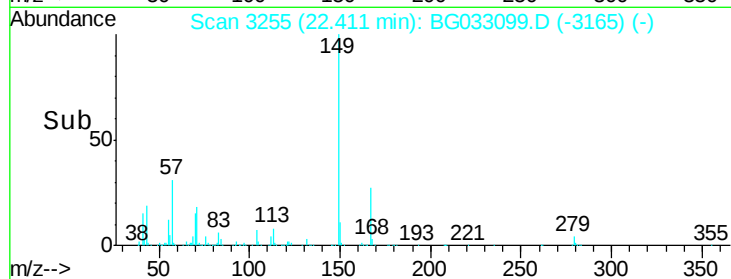
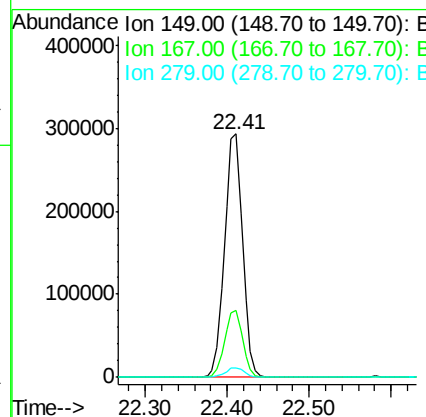
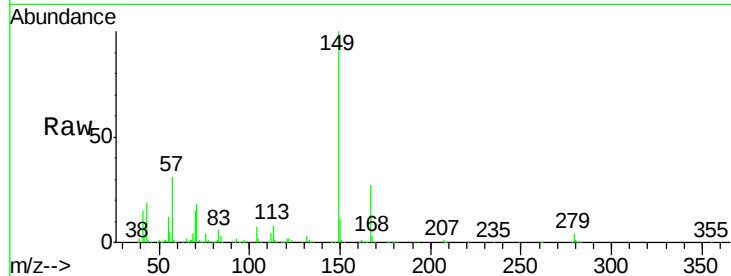
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.251 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	24.3	36.5
279	4.0	4.0	6.0

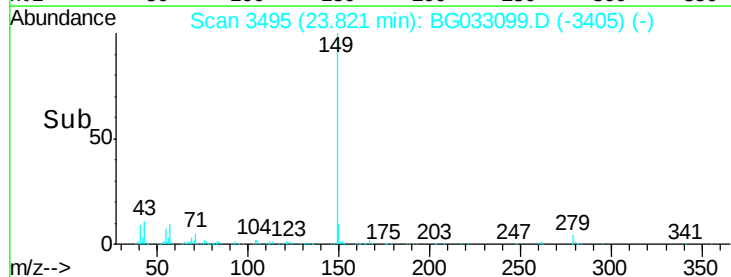
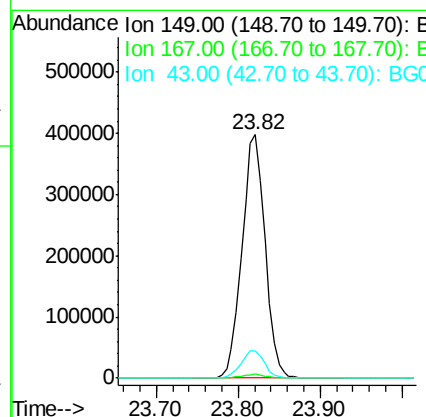
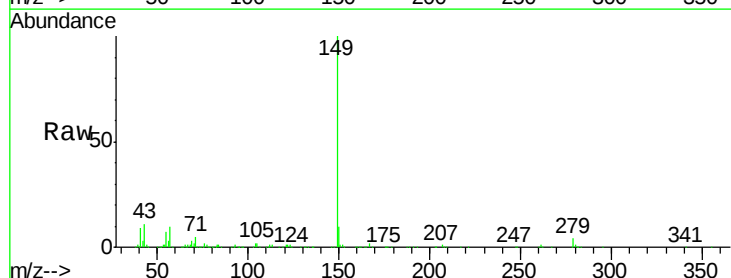
Manual Integrations
 APPROVED

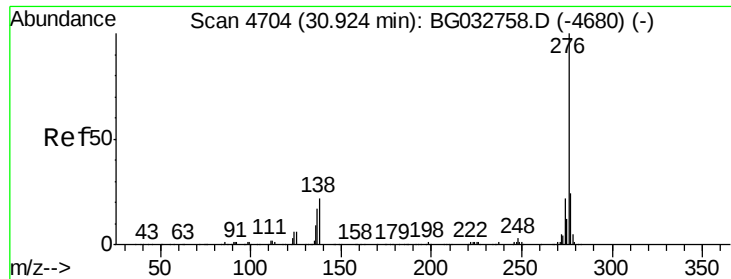
Sohil
 3/13/2018 4:20:36 PM



#84
 Di-n-octyl phthalate
 Concen: 45.842 ng
 RT: 23.82 min Scan# 3495
 Delta R.T. -0.00 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	11.5	8.9	13.3





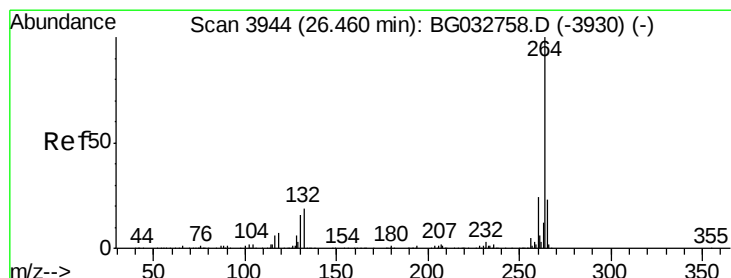
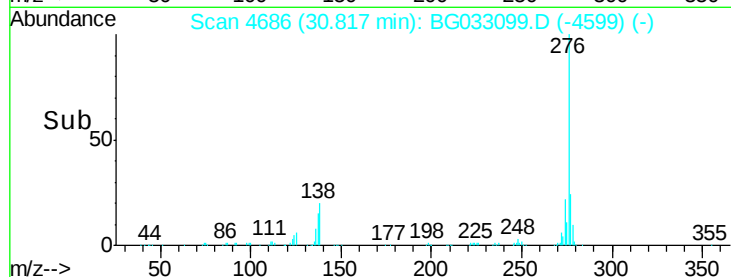
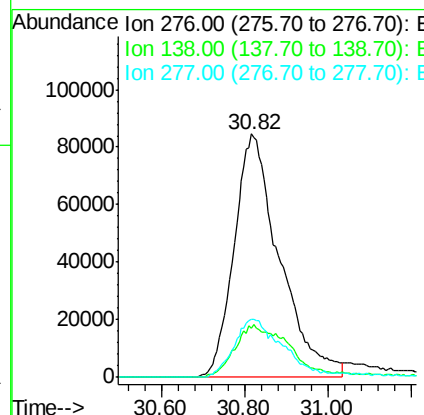
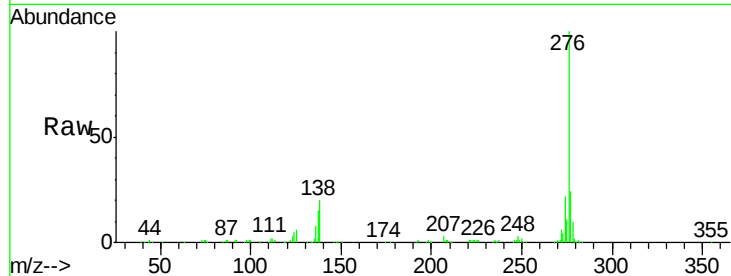
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.260 ng
 RT: 30.82 min Scan# 4686
 Delta R.T. -0.02 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	16.0	24.0#
277	25.0	20.0	30.0

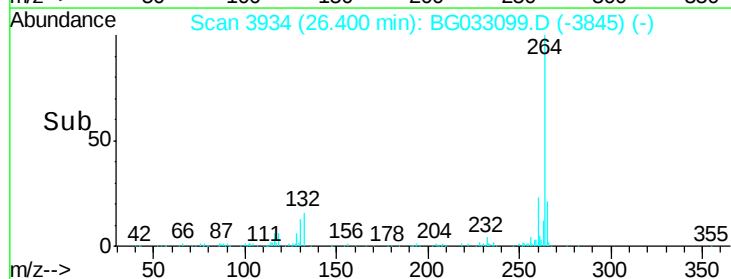
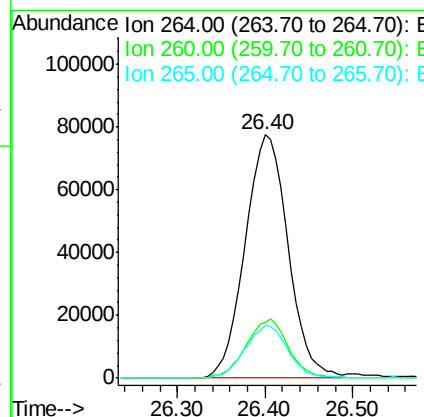
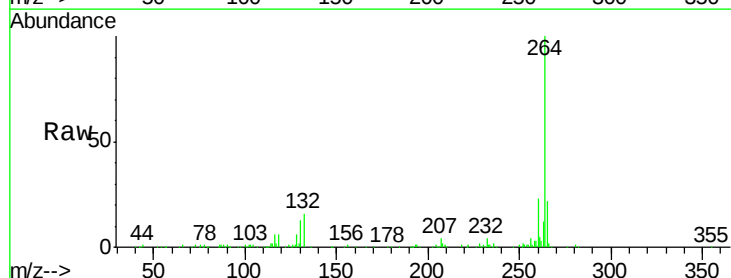
Manual Integrations
 APPROVED

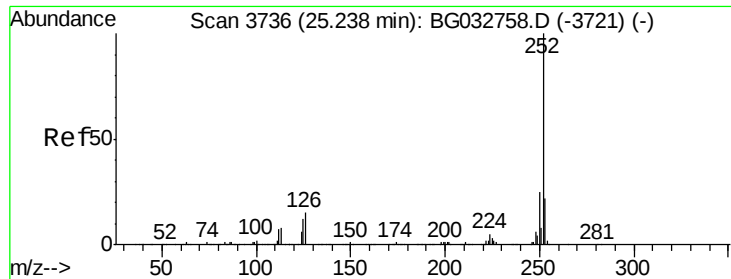
Sohil
 3/13/2018 4:20:36 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3934
 Delta R.T. -0.01 min
 Lab File: BG033099.D
 Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 40.513 ng

RT: 25.18 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Instrument :

BNA_G

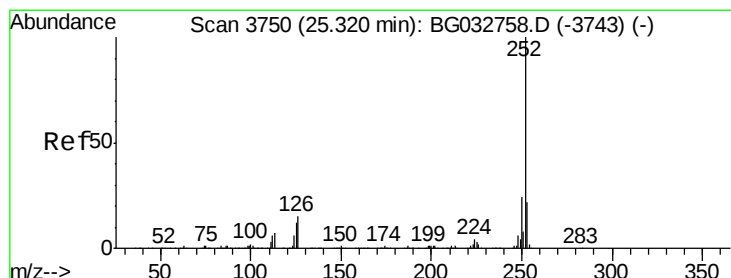
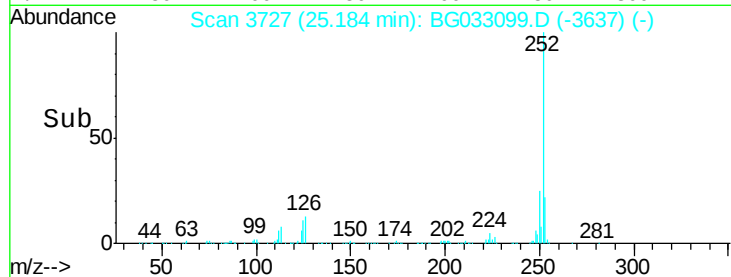
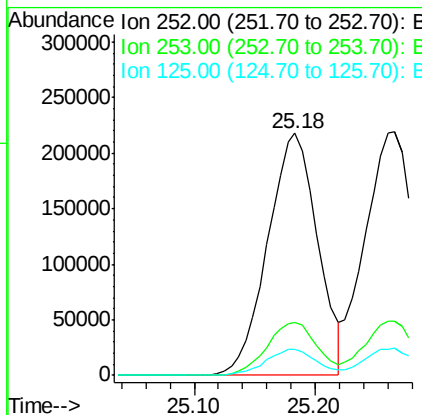
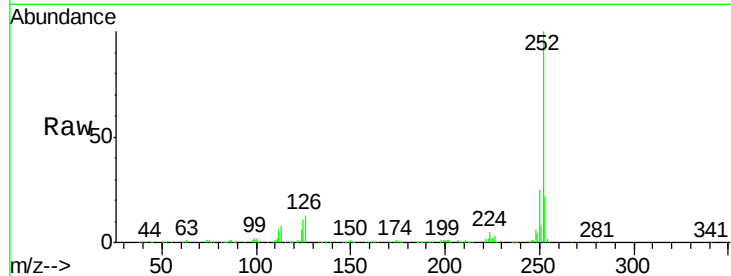
ClientSampleId :

PB107243BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	621996		
253	21.8	18.2	27.4	
125	10.9	7.2	10.8#	

Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM



#88

Benzo(k)fluoranthene

Concen: 41.168 ng

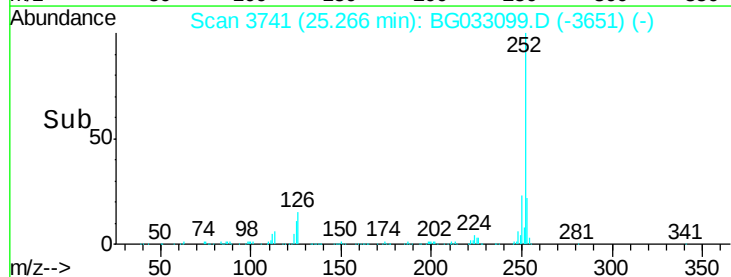
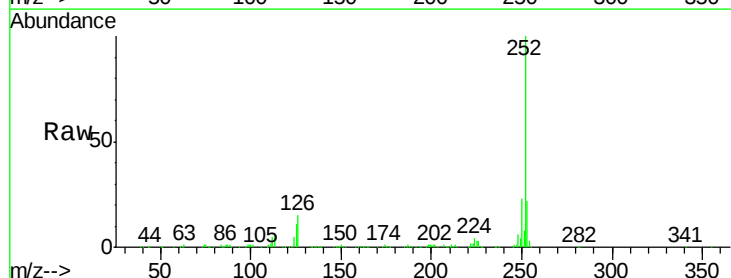
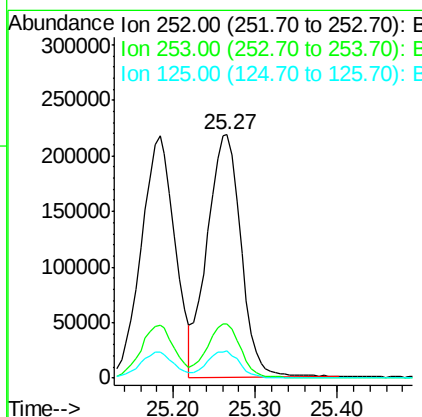
RT: 25.27 min Scan# 3741

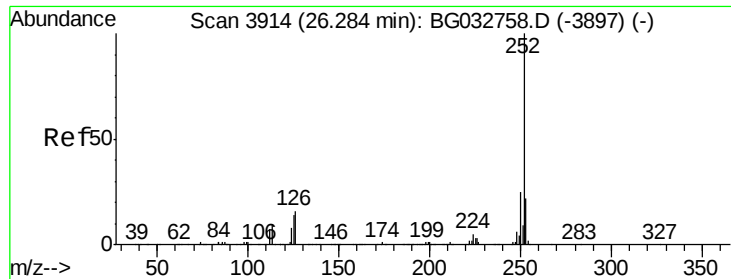
Delta R.T. -0.00 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	628157		
253	22.4	17.4	26.2	
125	11.1	6.6	9.8#	





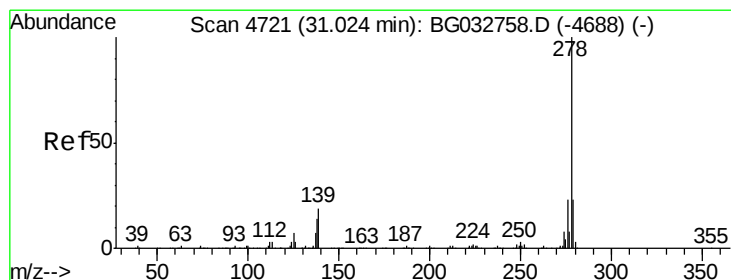
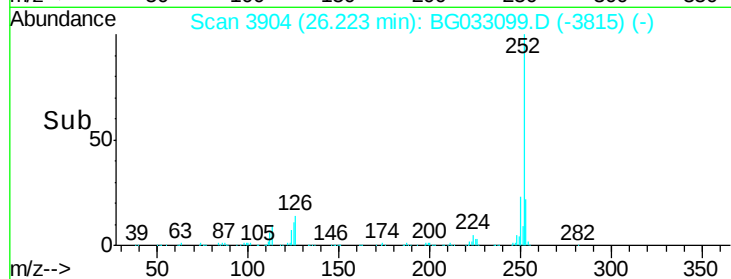
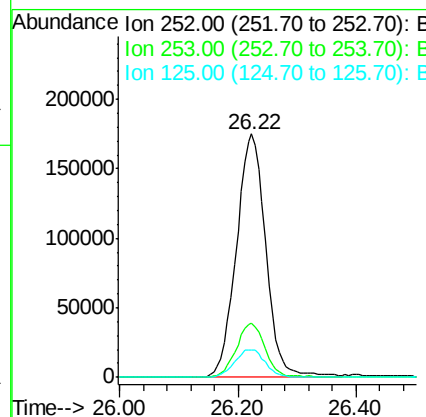
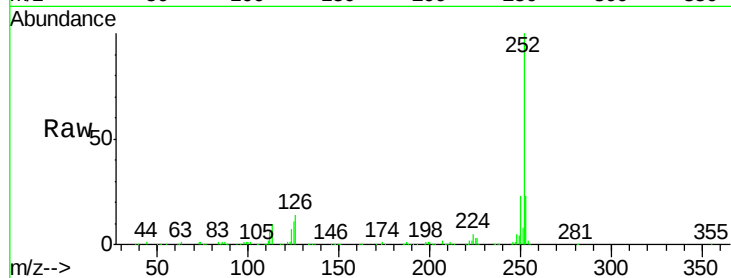
#89
Benzo(a)pyrene
Concen: 41.848 ng
RT: 26.22 min Scan# 3904
Delta R.T. -0.01 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Instrument :
BNA_G
ClientSampleId :
PB107243BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	11.3	7.3	10.9

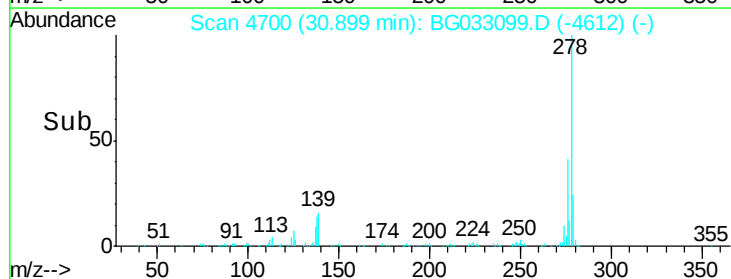
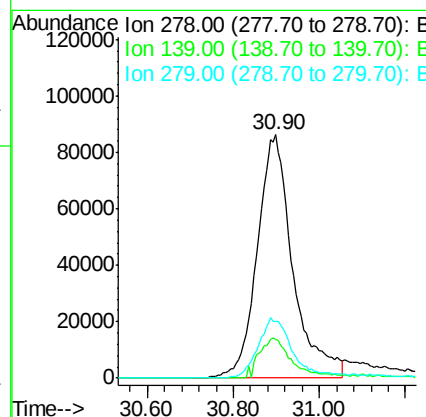
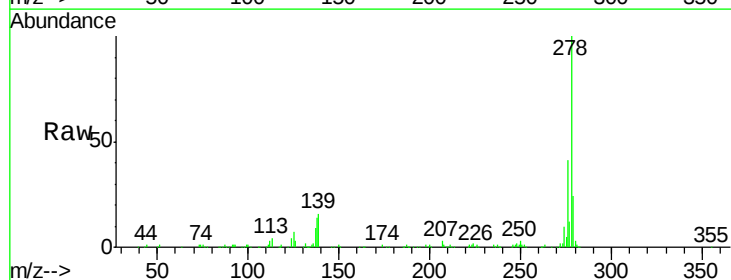
Manual Integrations
APPROVED

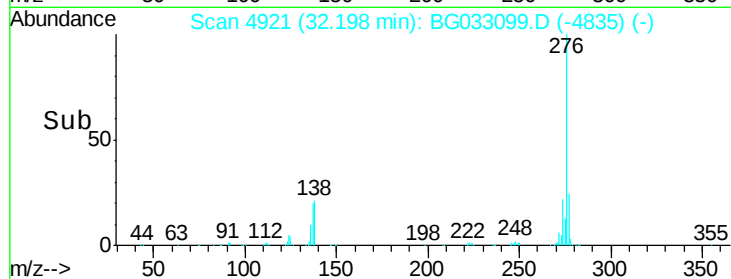
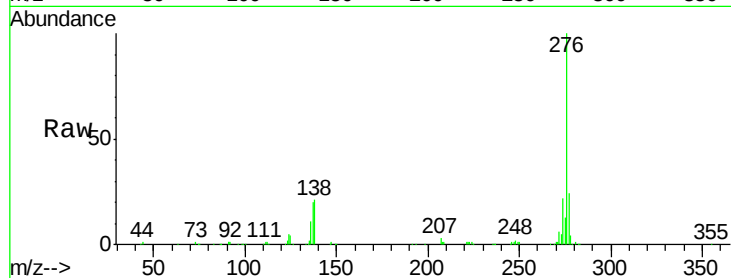
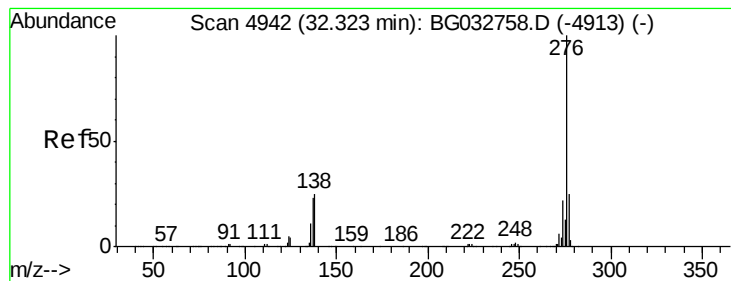
Sohil
3/13/2018 4:20:36 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.322 ng
RT: 30.90 min Scan# 4700
Delta R.T. -0.02 min
Lab File: BG033099.D
Acq: 12 Mar 2018 21:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	9.8	14.6
279	23.5	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 37.949 ng

RT: 32.20 min Scan# 4921

Delta R.T. -0.03 min

Lab File: BG033099.D

Acq: 12 Mar 2018 21:12

Tot Ion:	276	Resp:	549857
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.3	27.5
138	21.4	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB107243BSD

Manual Integrations
APPROVED

Sohil
3/13/2018 4:20:36 PM

