

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033401.D
 Acq On : 29 Mar 2018 00:37
 Operator : SJ/JU
 Sample : PB107692BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:39:04 PM

Quant Time: Mar 29 07:47:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	40724	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	170158	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	123156	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	316900	20.00	ng	0.00
75) Chrysene-d12	22.56	240	331729	20.00	ng	0.00
86) Perylene-d12	26.34	264	366776	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	390645	179.87	ng	0.00
7) Phenol-d6	7.99	99	587737	157.50	ng	0.01
23) Nitrobenzene-d5	10.07	82	356701	96.31	ng	0.00
41) 2,4,6-Tribromophenol	16.97	330	278837	151.38	ng	0.00
44) 2-Fluorobiphenyl	14.12	172	856529	100.40	ng	0.00
78) Terphenyl-d14	20.74	244	1491965	96.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	43705	39.626	ng	84
3) Pyridine	4.39	79	126212	41.396	ng	93
4) n-Nitrosodimethylamine	4.29	42	65100	52.030	ng	# 83
6) Aniline	8.16	93	43493	9.911	ng	95
8) 2-Chlorophenol	8.42	128	135400	54.534	ng	99
9) Benzaldehyde	7.97	77	77289m	32.591	ng	
10) Phenol	8.02	94	195228	52.990	ng	93
11) bis(2-Chloroethyl)ether	8.25	93	132554	44.079	ng	95
12) 1,3-Dichlorobenzene	8.75	146	139810	43.071	ng	96
13) 1,4-Dichlorobenzene	8.90	146	141140	43.416	ng	96
14) 1,2-Dichlorobenzene	9.23	146	141289	44.531	ng	96
15) Benzyl Alcohol	9.10	79	153094	52.108	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.39	45	213793	43.610	ng	88
17) 2-Methylphenol	9.31	107	123466	49.193	ng	# 88
18) Hexachloroethane	9.99	117	57724	46.007	ng	93
19) n-Nitroso-di-n-propylamine	9.67	70	118299	43.264	ng	99
20) 3+4-Methylphenols	9.65	107	179299	50.175	ng	93
22) Acetophenone	9.71	105	215443	46.215	ng	# 99
24) Nitrobenzene	10.11	77	184926	46.649	ng	93
25) Isophorone	10.63	82	341265	47.476	ng	97
26) 2-Nitrophenol	10.84	139	79878	53.223	ng	# 94
27) 2,4-Dimethylphenol	10.88	122	137597	63.111	ng	88
28) bis(2-Chloroethoxy)methane	11.11	93	182372	50.850	ng	100
29) 2,4-Dichlorophenol	11.38	162	156139	58.233	ng	98
30) 1,2,4-Trichlorobenzene	11.61	180	161155	46.261	ng	93
31) Naphthalene	11.80	128	425127	48.213	ng	99
32) Benzoic acid	11.08	122	27295m	13.467	ng	
33) 4-Chloroaniline	11.91	127	34535	8.742	ng	# 93
34) Hexachlorobutadiene	12.06	225	119153	45.230	ng	94
35) Caprolactam	12.67	113	50767	48.330	ng	# 86
36) 4-Chloro-3-methylphenol	12.98	107	188186	53.812	ng	94
37) 2-Methylnaphthalene	13.35	142	317754	46.428	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	211482	47.406	ng	99
40) Hexachlorocyclopentadiene	13.68	237	230082	87.980	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	145866	56.278	nq	98
43) 2,4,5-Trichlorophenol	14.02	196	166122	54.225	nq	99
45) 1,1'-Biphenyl	14.33	154	442718	46.790	nq	95
46) 2-Chloronaphthalene	14.38	162	340497	46.672	nq	95
47) 2-Nitroaniline	14.57	65	138203	50.576	nq	94
48) Acenaphthylene	15.21	152	557146	45.752	nq	96
49) Dimethylphthalate	14.91	163	501041	46.748	nq	98
50) 2,6-Dinitrotoluene	15.04	165	106243	48.479	nq	95
51) Acenaphthene	15.55	154	350454	44.643	nq	95
52) 3-Nitroaniline	15.38	138	40257	17.521	nq	# 91
53) 2,4-Dinitrophenol	15.58	184	22730	25.758	nq	89
54) Dibenzofuran	15.88	168	559376	48.240	nq	91
55) 4-Nitrophenol	15.68	139	154872	95.860	nq	# 85
56) 2,4-Dinitrotoluene	15.83	165	156268	48.428	nq	88
57) Fluorene	16.52	166	464831	47.054	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.10	232	150737	52.265	nq	95
59) Diethylphthalate	16.25	149	490583	47.138	nq	97
60) 4-Chlorophenyl-phenylether	16.50	204	266050	46.850	nq	95
61) 4-Nitroaniline	16.54	138	97441	41.880	nq	90
62) Azobenzene	16.79	77	470305	46.650	nq	99
64) 4,6-Dinitro-2-methylphenol	16.58	198	35772	18.869	nq	91
65) n-Nitrosodiphenylamine	16.71	169	434805	48.060	nq	97
66) 4-Bromophenyl-phenylether	17.39	248	183228	49.232	nq	96
67) Hexachlorobenzene	17.52	284	184176	46.891	nq	95
68) Atrazine	17.63	200	179147	48.867	nq	97
69) Pentachlorophenol	17.86	266	173056	64.194	nq	99
70) Phenanthrene	18.26	178	781192	47.333	nq	98
71) Anthracene	18.35	178	803294	48.070	nq	99
72) Carbazole	18.61	167	686420	46.354	nq	97
73) Di-n-butylphthalate	19.10	149	825134	47.872	nq	# 98
74) Fluoranthene	20.21	202	974032	47.691	nq	97
76) Benzidine	20.37	184	164265	18.260	nq	98
77) Pyrene	20.57	202	961183	43.444	nq	98
79) Butylbenzylphthalate	21.42	149	376356	46.097	nq	97
80) Benzo(a)anthracene	22.55	228	982004	46.490	nq	99
81) 3,3'-Dichlorobenzidine	22.43	252	124376	16.547	nq	# 96
82) Chrysene	22.62	228	937013	45.826	nq	97
83) Bis(2-ethylhexyl)phthalate	22.37	149	529919	47.084	nq	97
84) Di-n-octyl phthalate	23.76	149	925272	53.694	nq	97
85) Indeno(1,2,3-cd)pyrene	30.71	276	1135816	51.378	nq	# 88
87) Benzo(b)fluoranthene	25.12	252	984468	46.458	nq	# 97
88) Benzo(k)fluoranthene	25.20	252	987720	46.087	nq	# 97
89) Benzo(a)pyrene	26.15	252	979117	48.114	nq	# 97
90) Dibenzo(a,h)anthracene	30.79	278	943371	49.214	nq	96
91) Benzo(g,h,i)perylene	32.10	276	928306	48.906	nq	# 95

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

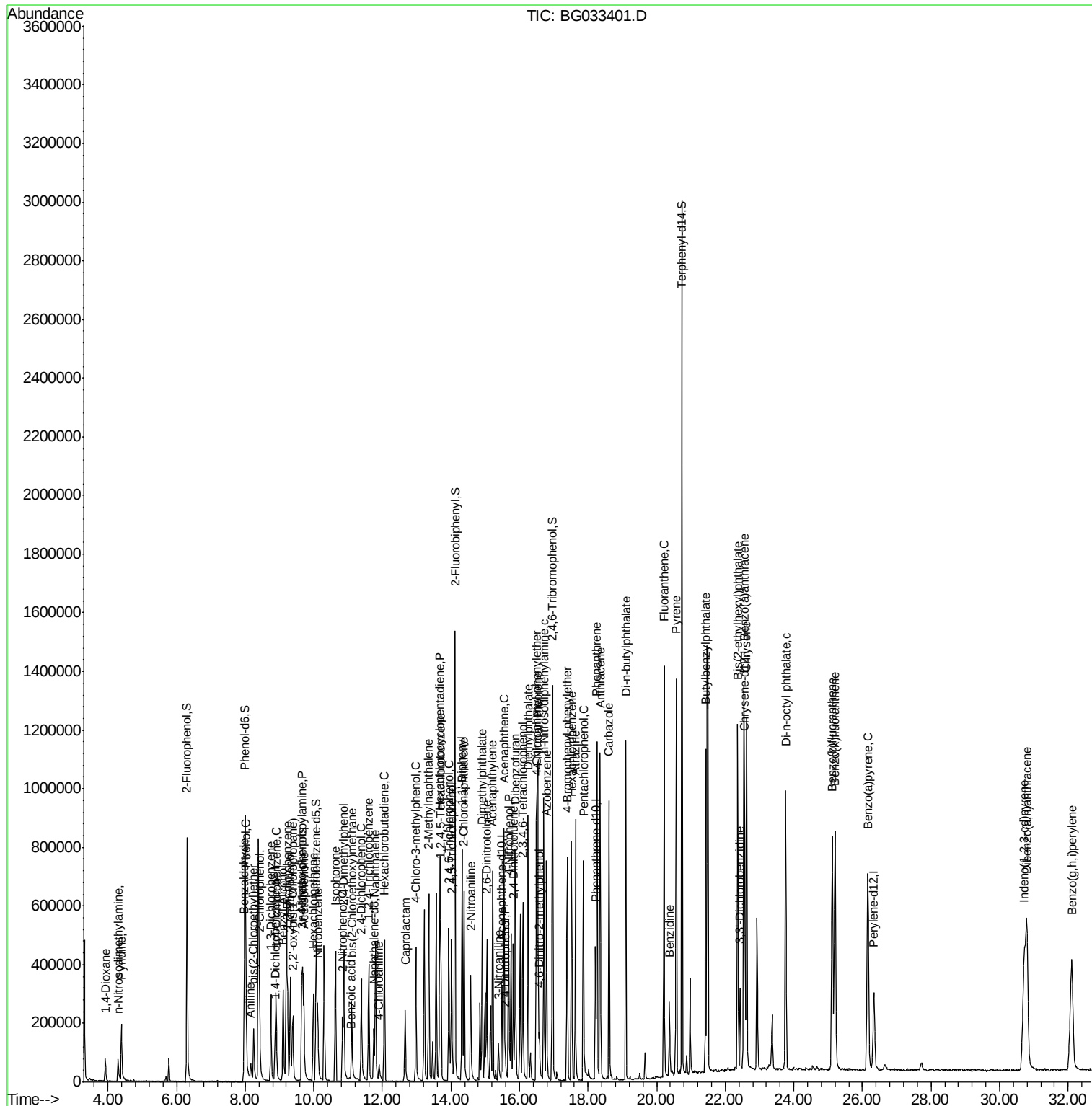
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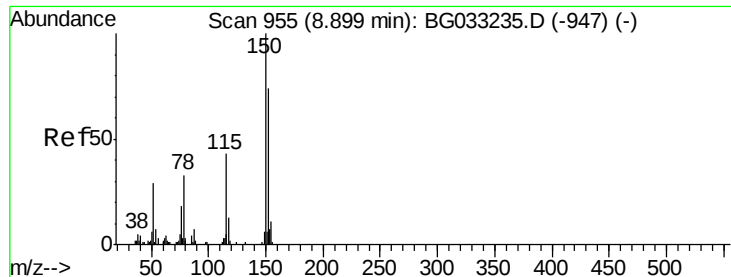
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

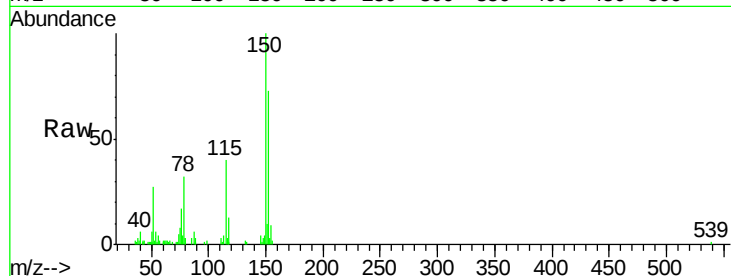
PB107692BS

Tot Ion:	152	Resp:	40724
Ion	Ratio	Lower	Upper
152	100		
150	137.6	126.6	189.8
115	55.5	53.0	79.4

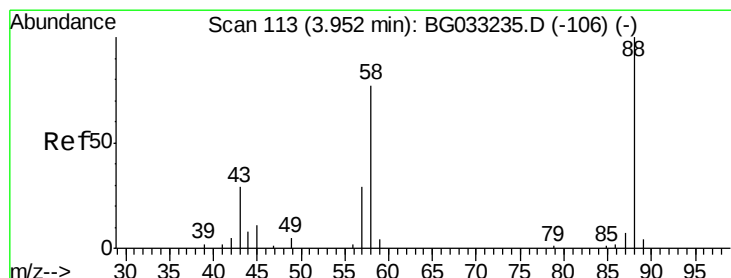
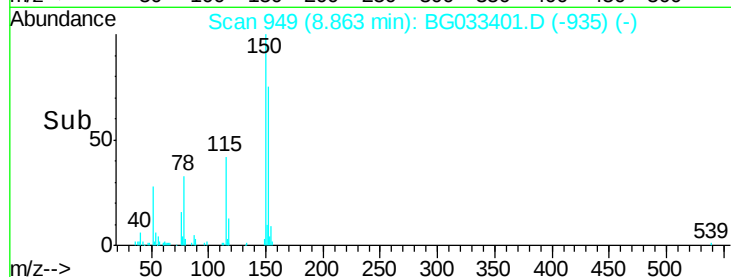
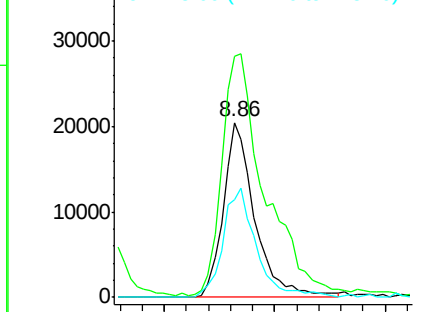
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.626 ng

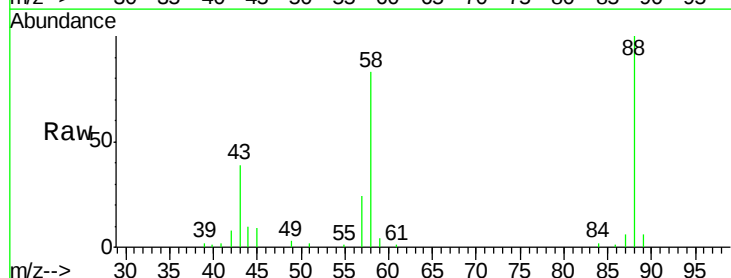
RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

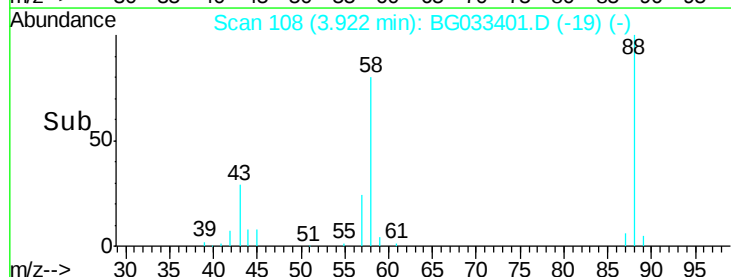
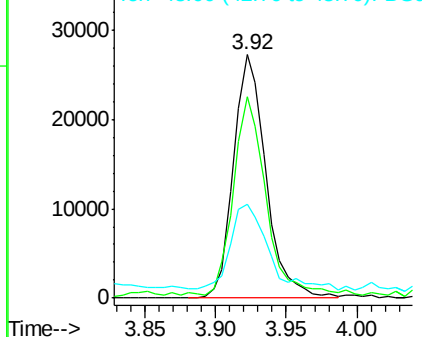
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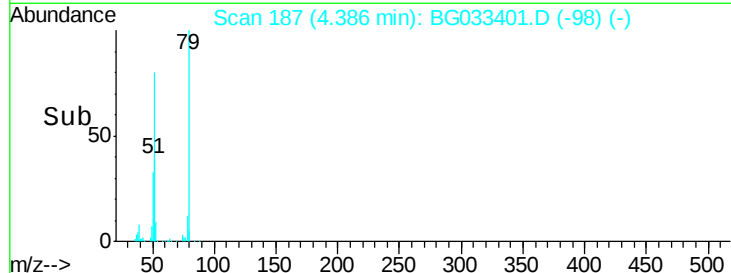
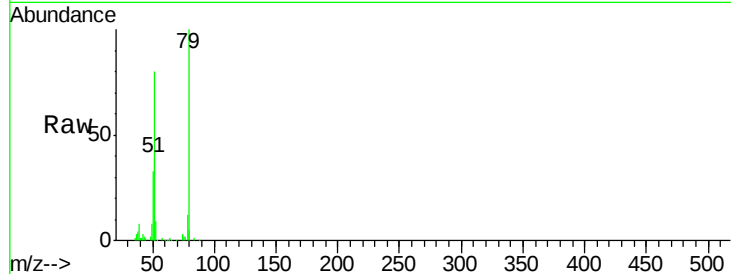
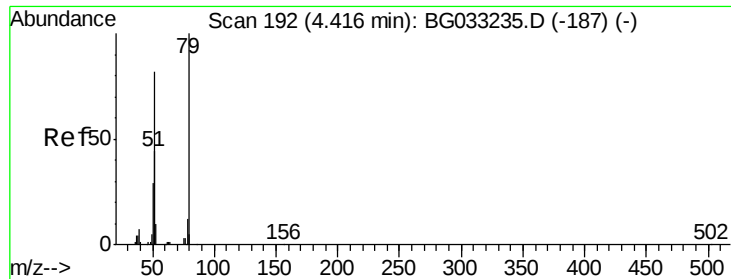
Acq: 29 Mar 2018 00:37

Tgt Ion:	88	Resp:	43705
Ion	Ratio	Lower	Upper
88	100		
58	82.0	79.6	119.4
43	40.4	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





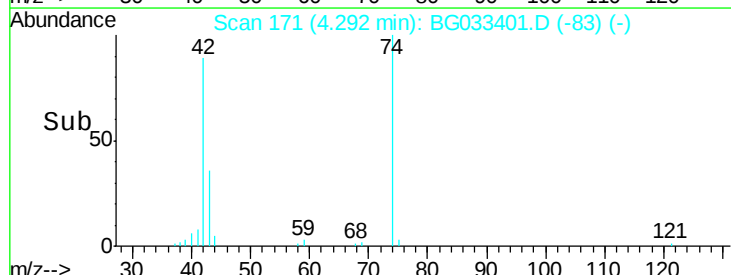
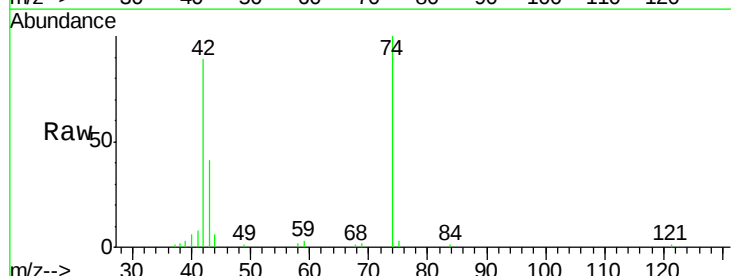
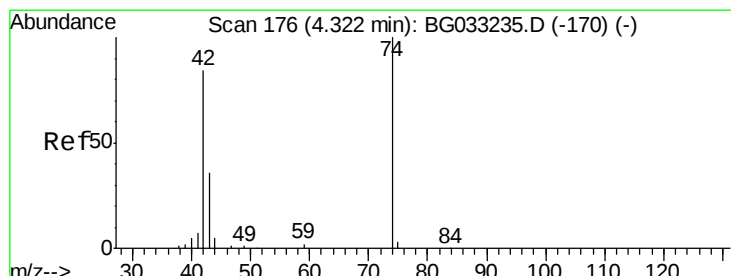
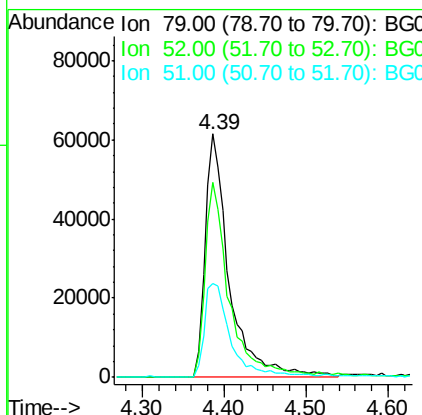
#3
Pvridine
Concen: 41.396 ng
RT: 4.39 min Scan# 187
Delta R.T. -0.01 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tot Ion:	79	Resp:	126212
Ion Ratio	Lower	Upper	
79	100		
52	80.0	69.9	104.9
51	38.7	34.0	51.0

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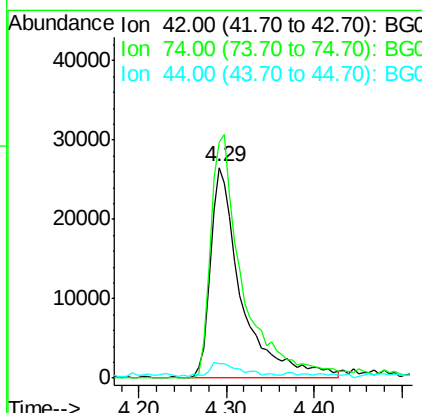
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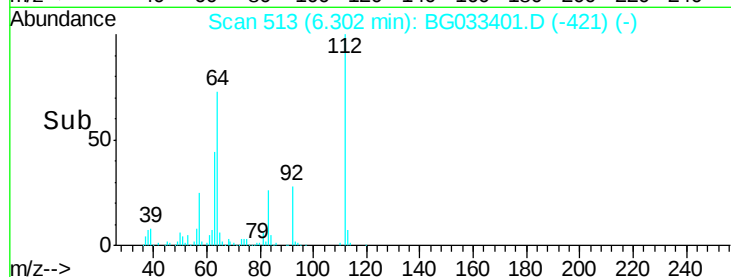
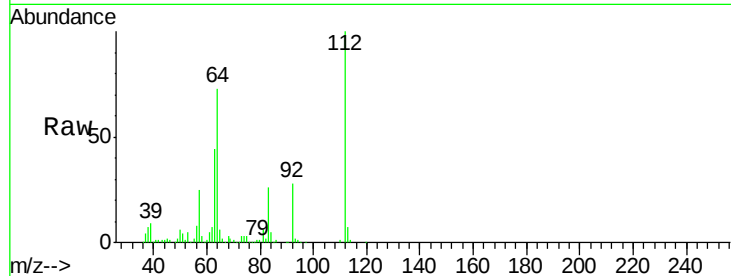
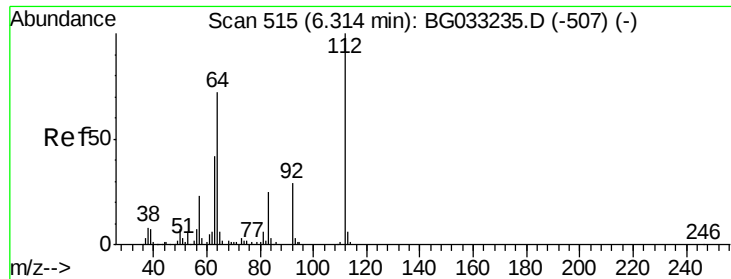
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#4
n-Nitrosodimethylamine
Concen: 52.030 ng
RT: 4.29 min Scan# 171
Delta R.T. -0.02 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion:	42	Resp:	65100
Ion Ratio	Lower	Upper	
42	100		
74	112.4	102.5	153.7
44	7.0	18.9	28.3#





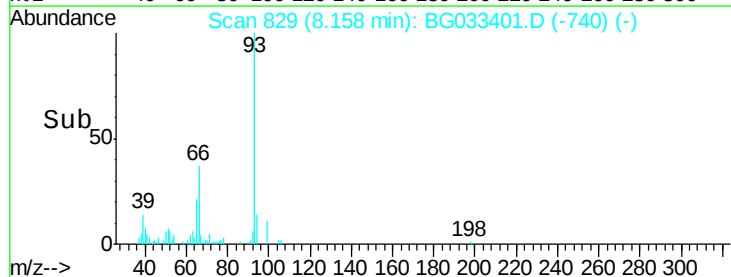
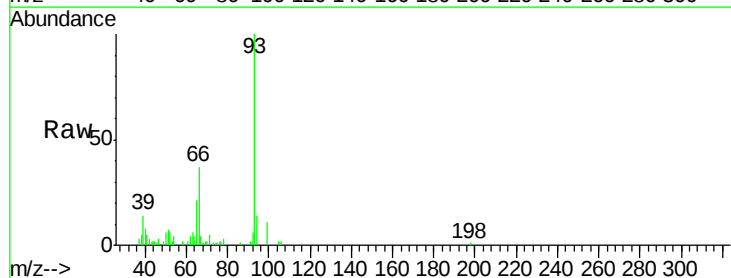
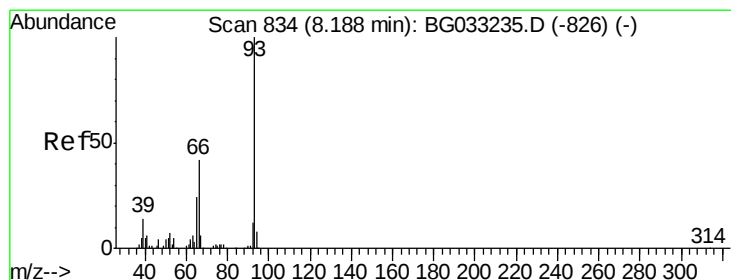
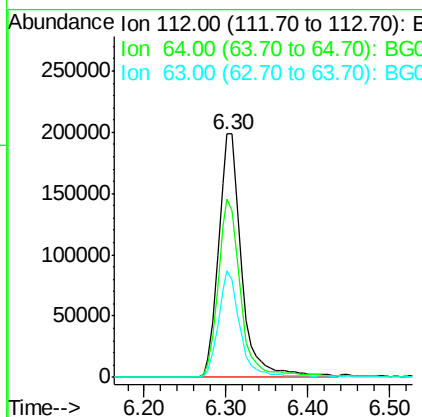
#5
2-Fluorophenol
Concen: 179.871 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tot Ion	Ratio	Resp	Lower	Upper
112	100	390645		
64	73.3	56.3	84.5	
63	43.7	30.1	45.1	

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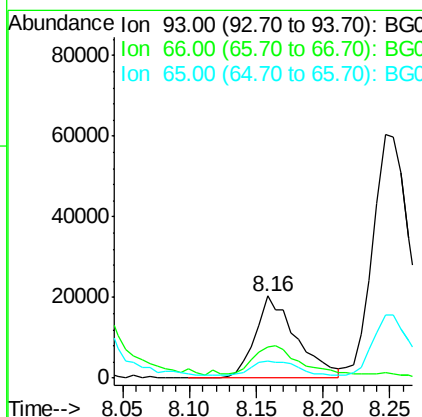
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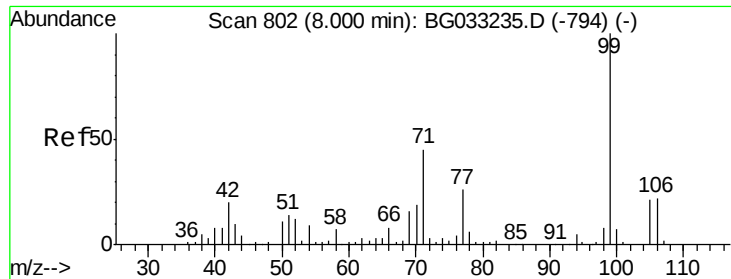
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#6
Aniline
Concen: 9.911 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	43493		
66	37.5	33.7	50.5	
65	20.7	16.1	24.1	





#7

Phenol-d6

Concen: 157.502 ng

RT: 7.99 min Scan# 801

Delta R.T. 0.01 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

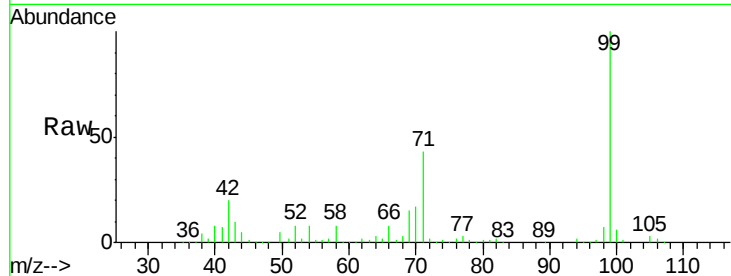
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PB107692BS

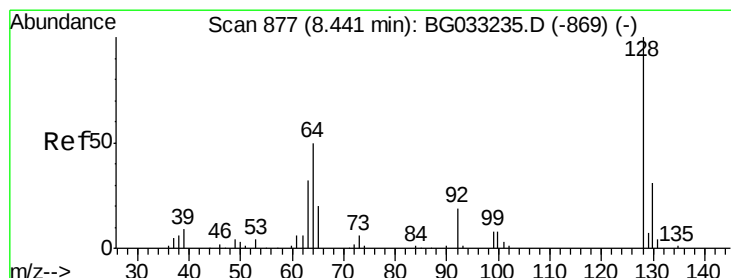
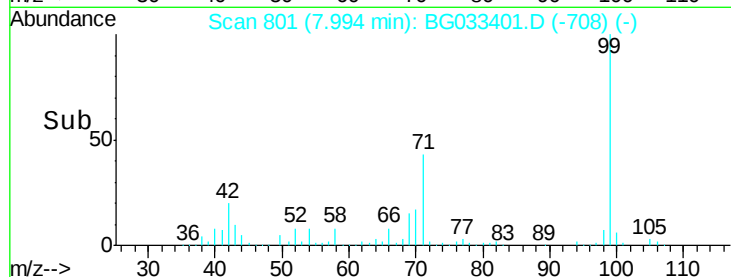
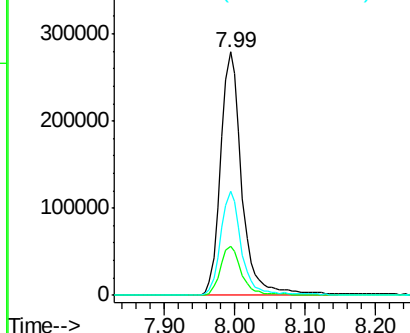
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		587737		
42	20.0	14.1	21.1		
71	42.7	26.1	39.1#		

Manual Integrations
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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: 54.534 ng

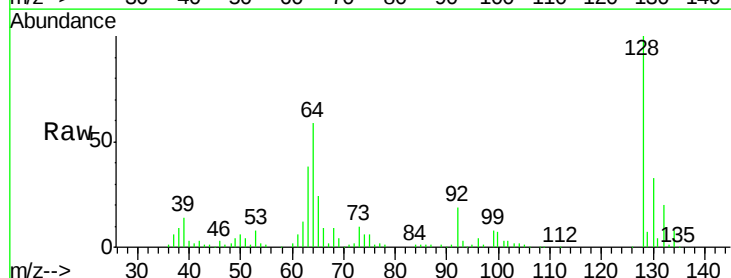
RT: 8.42 min Scan# 874

Delta R.T. 0.00 min

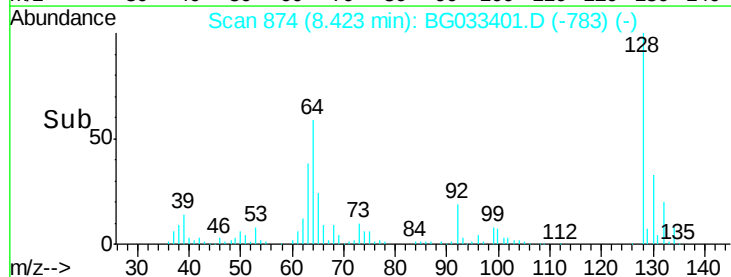
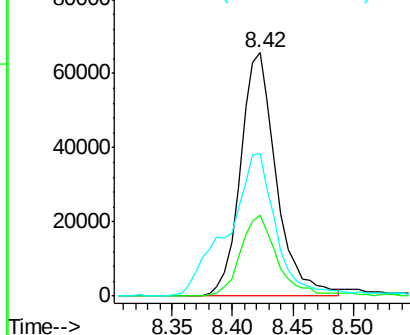
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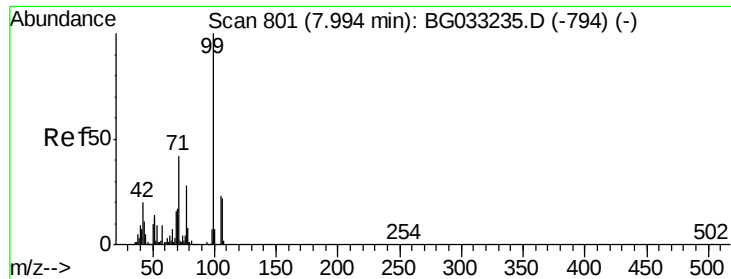
Acq: 29 Mar 2018 00:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		135400		
130	33.4	14.0	54.0		
64	58.5	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: 32.591 ng/mL

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033401.D

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ClientSampleID :

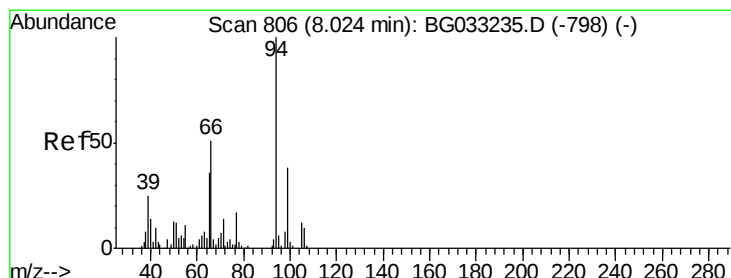
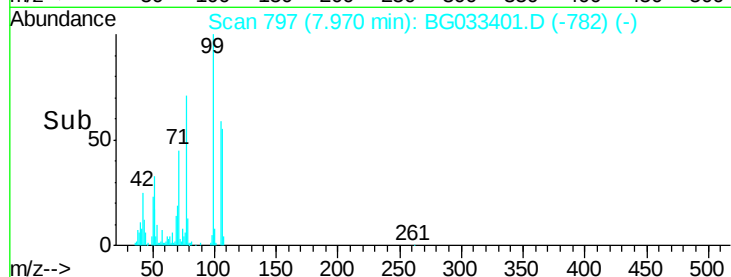
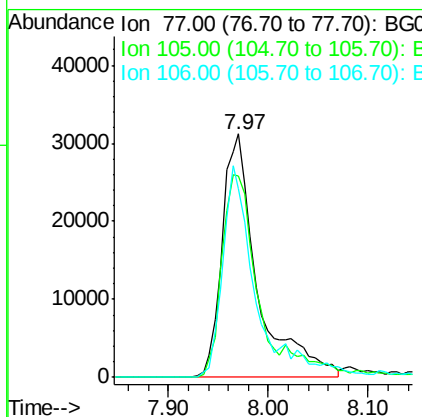
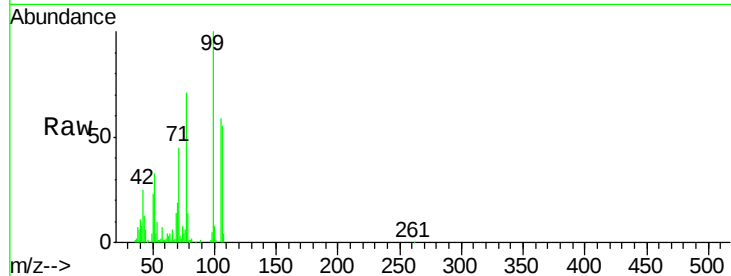
PB107692BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	82.5	71.3	111.3
106	77.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 52.990 ng/mL

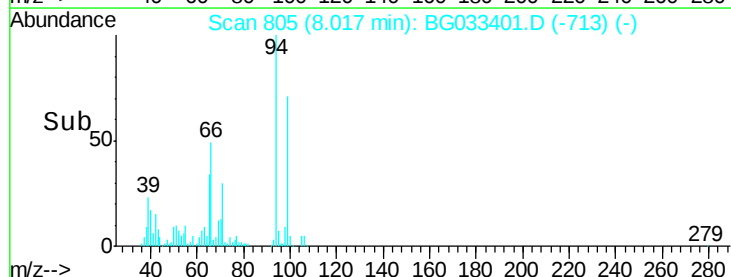
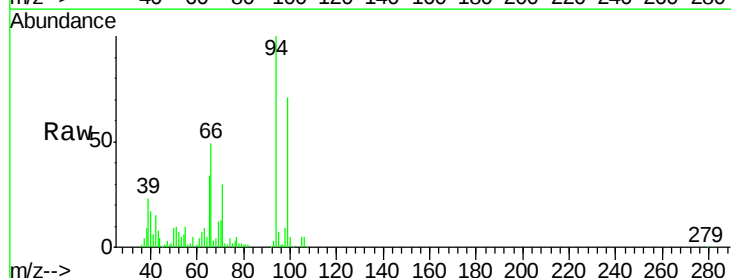
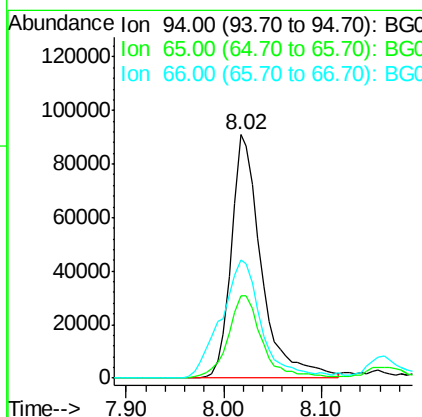
RT: 8.02 min Scan# 805

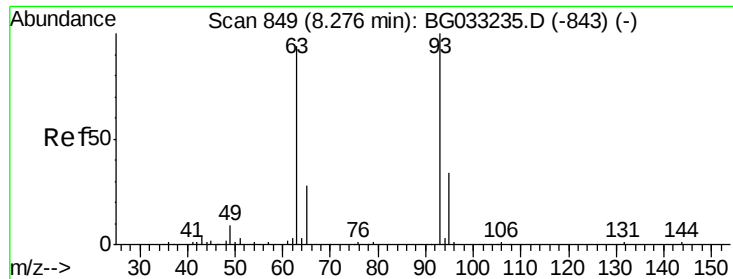
Delta R.T. 0.01 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.9	11.9	51.9
66	48.7	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 44.079 ng

RT: 8.25 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

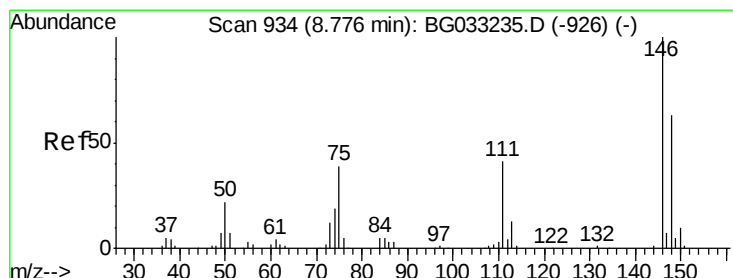
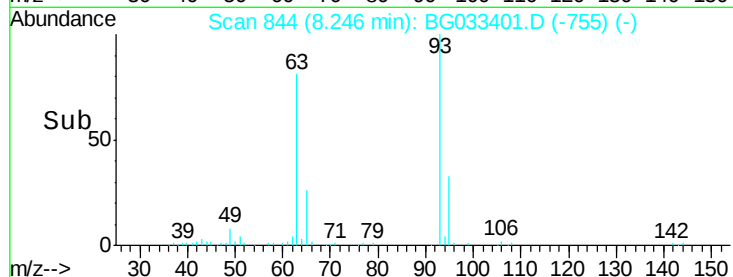
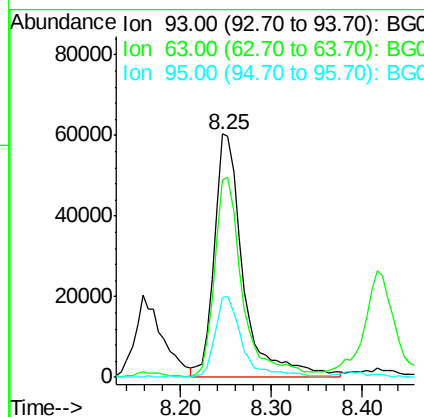
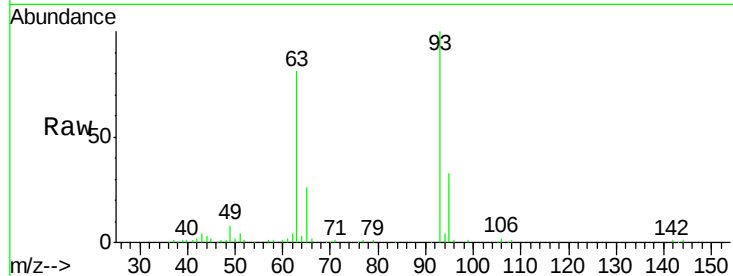
ClientSampleId :

PB107692BS

Tot Ion:	93	Resp:	132554
Ion	Ratio	Lower	Upper
93	100		
63	81.0	67.1	107.1
95	32.9	11.5	51.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.071 ng

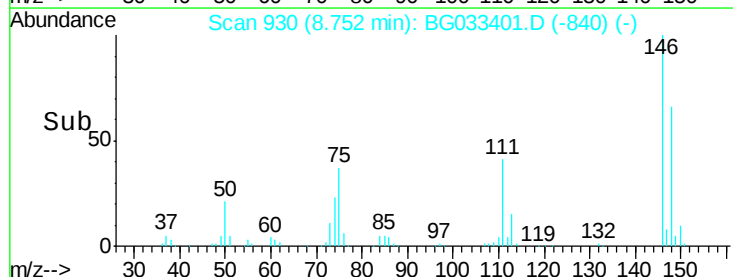
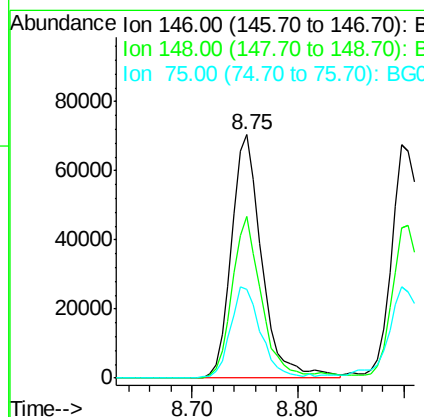
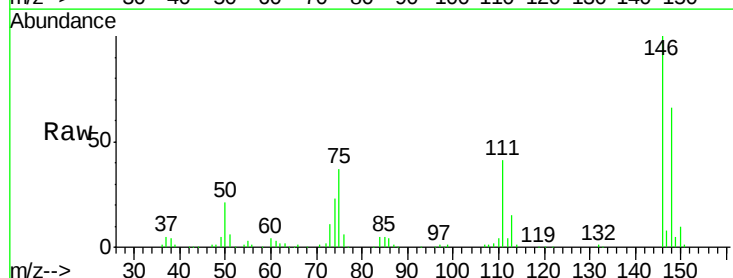
RT: 8.75 min Scan# 930

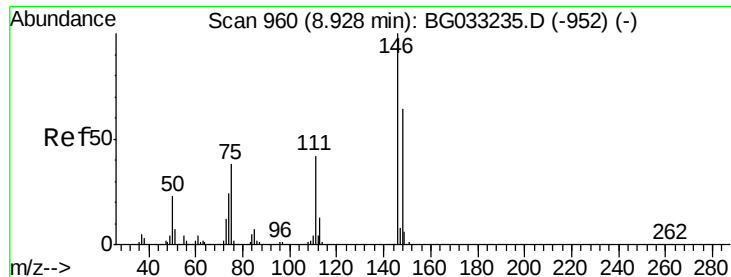
Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Tgt Ion:	146	Resp:	139810
Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.4	77.2
75	36.6	26.6	39.8





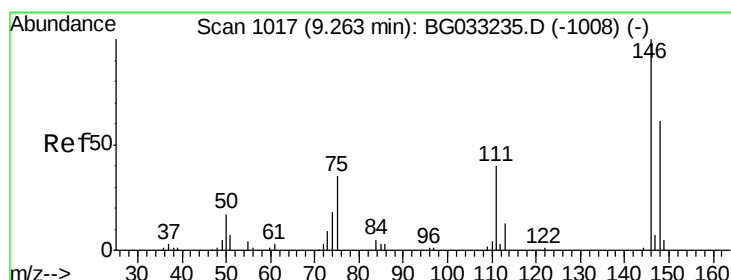
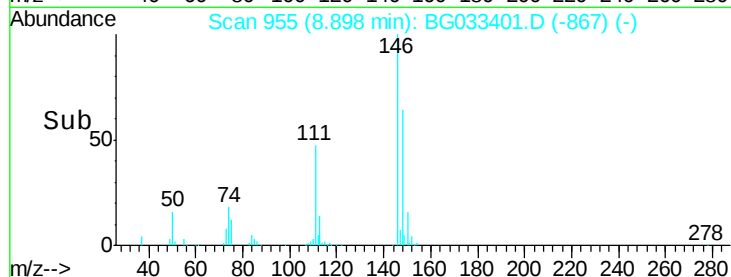
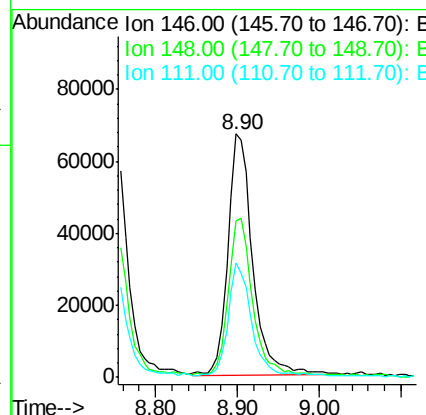
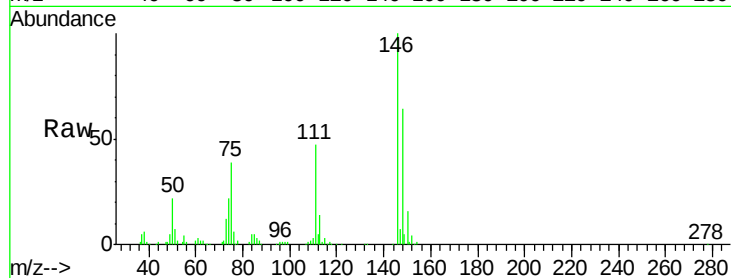
#13
1,4-Dichlorobenzene
Concen: 43.416 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.7	80.5
111	47.0	35.2	52.8

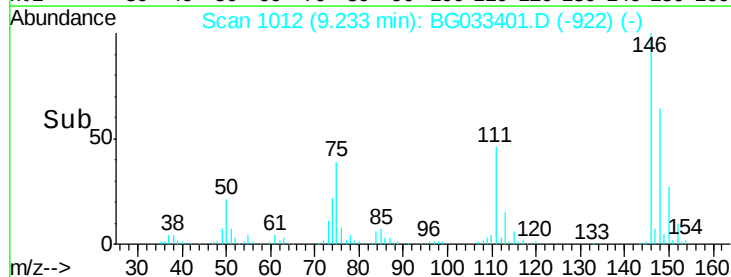
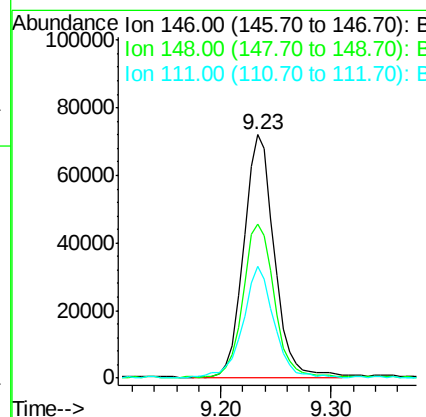
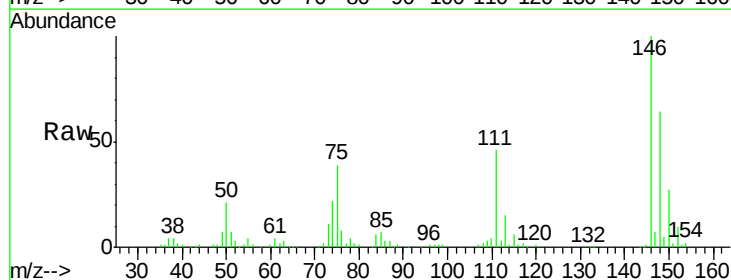
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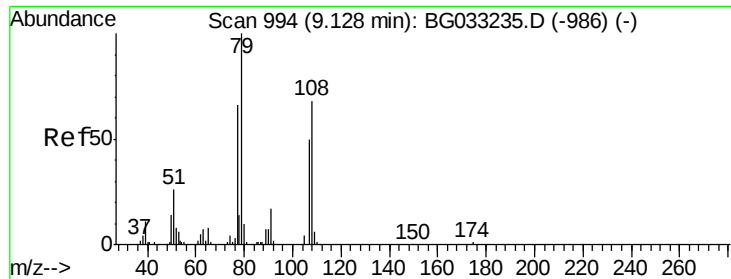
Sohil
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#14
1,2-Dichlorobenzene
Concen: 44.531 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.3	73.9
111	46.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 52.108 ng

RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

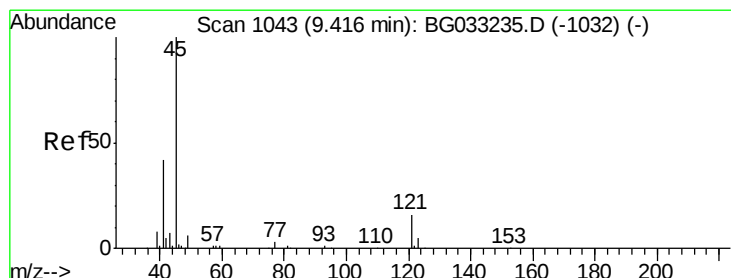
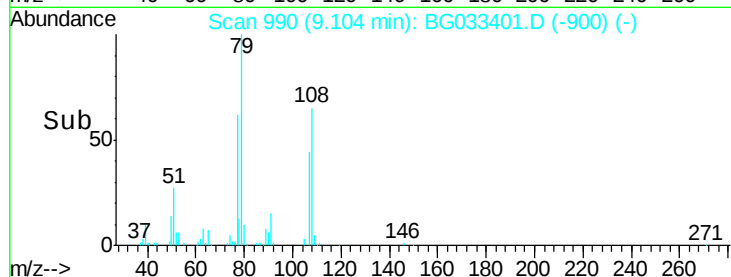
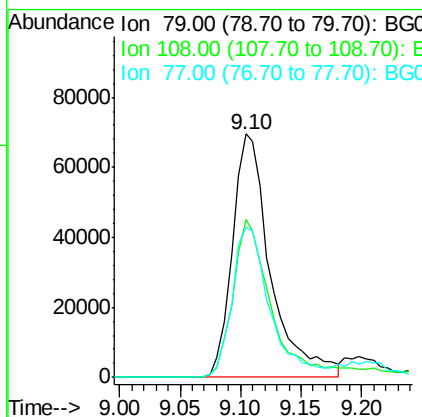
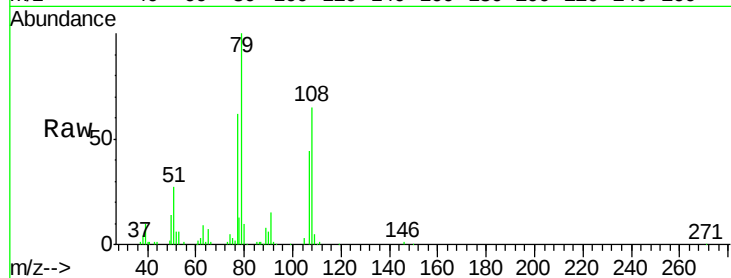
ClientSampleId :

PB107692BS

Tot Ion:	79	Resp:	153094
Ion	Ratio	Lower	Upper
79	100		
108	65.0	57.2	85.8
77	61.9	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.610 ng

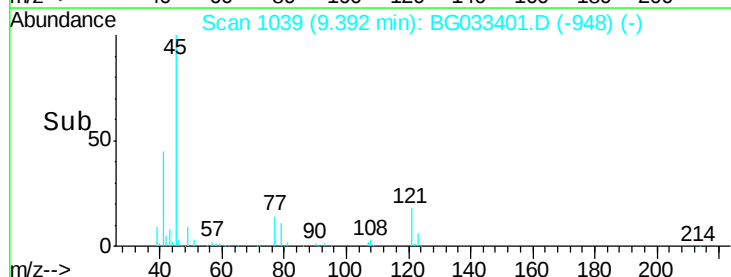
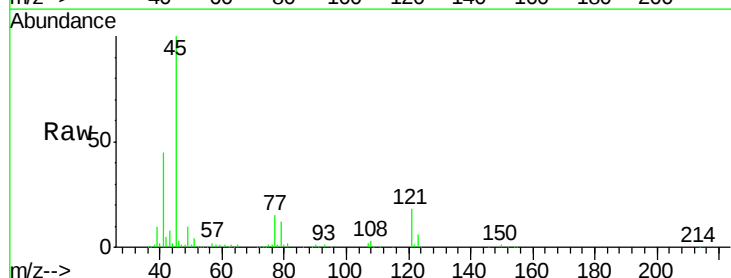
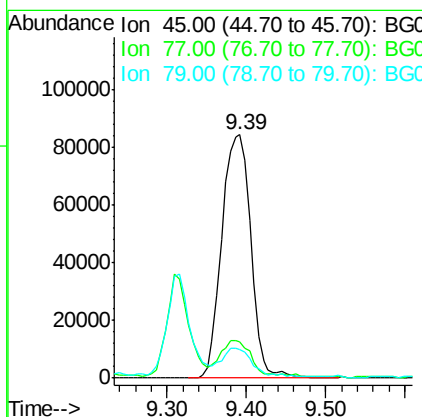
RT: 9.39 min Scan# 1039

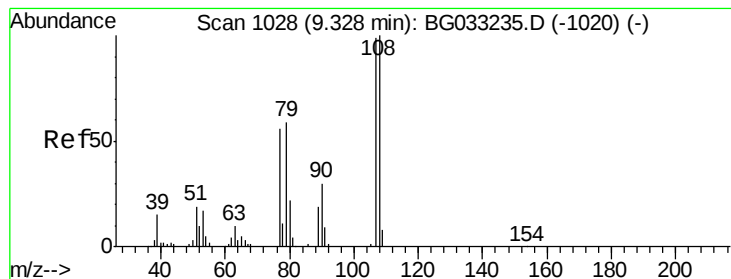
Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Tgt Ion:	45	Resp:	213793
Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	30.2
79	11.9	0.0	27.9





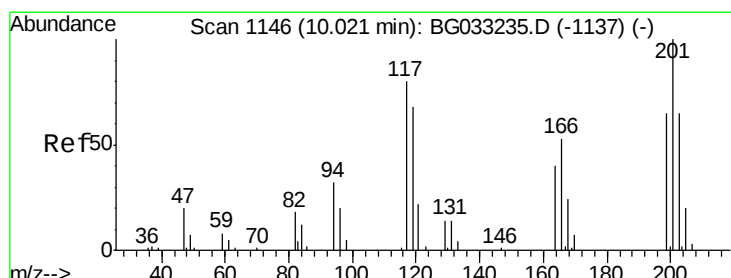
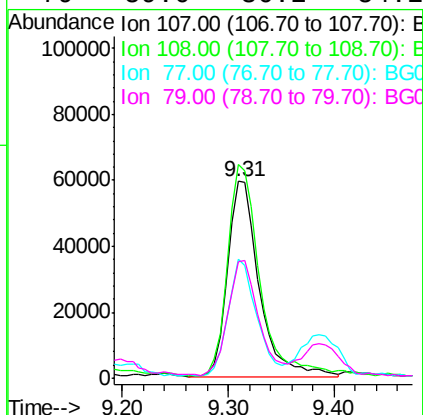
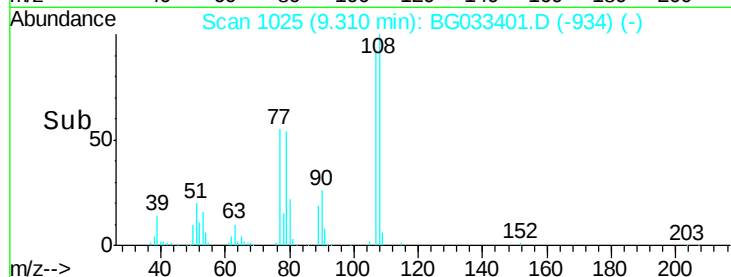
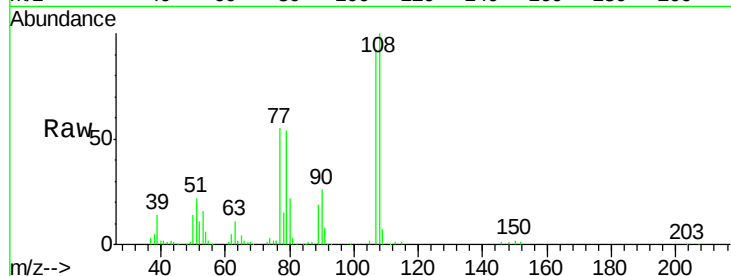
#17
2-Methylphenol
Concen: 49.193 ng
RT: 9.31 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleID :
PB107692BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.5	83.9	125.9	
77	60.2	37.2	55.8	
79	59.0	36.2	54.2	

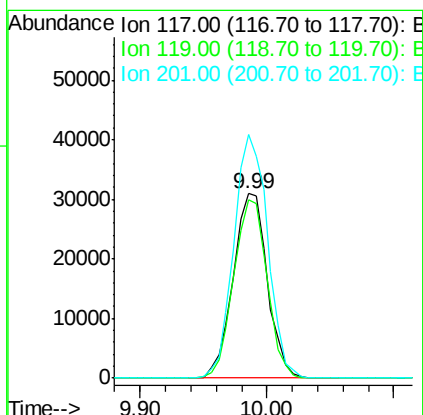
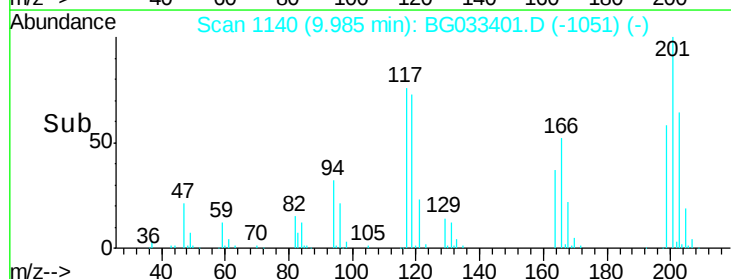
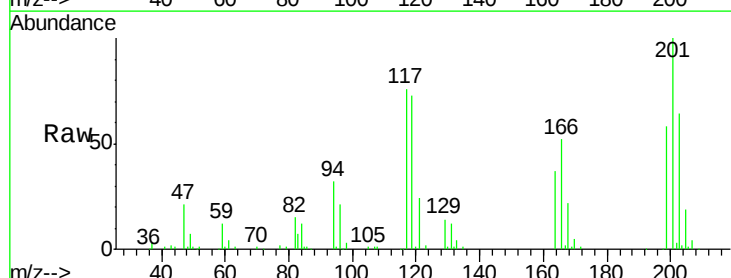
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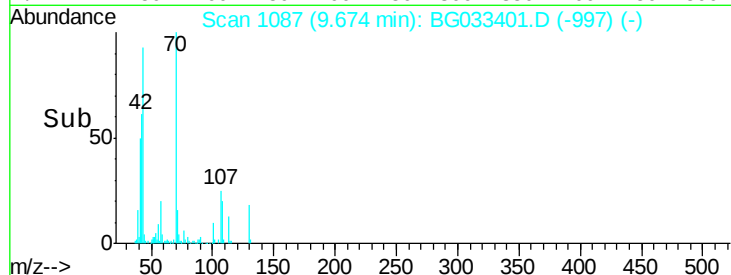
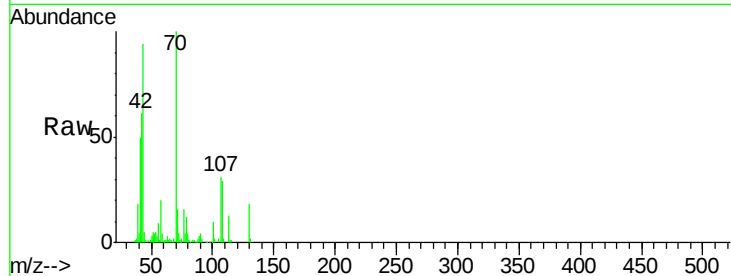
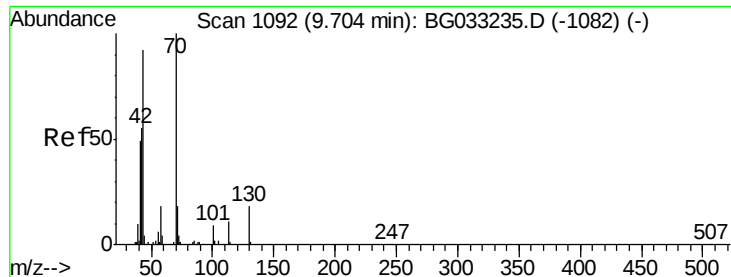
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#18
Hexachloroethane
Concen: 46.007 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.7	115.1	
201	132.1	95.7	143.5	





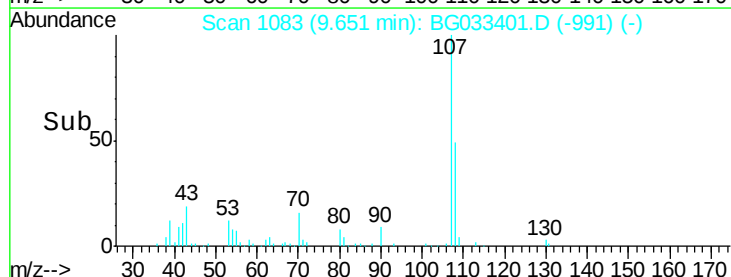
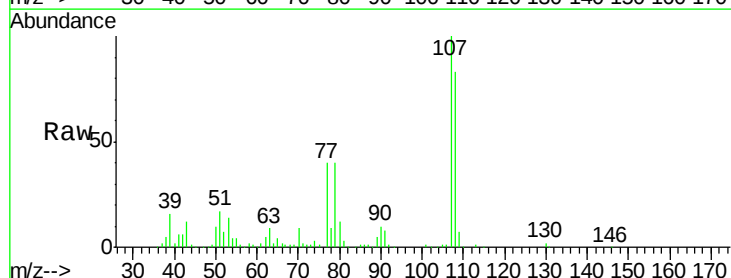
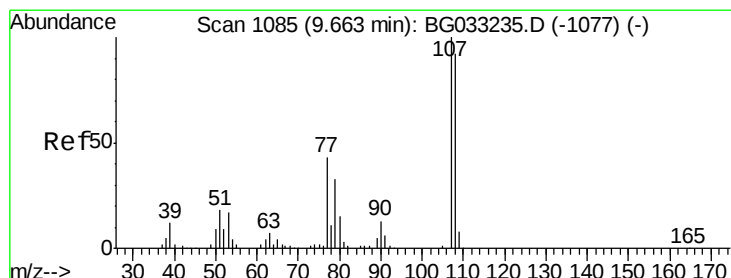
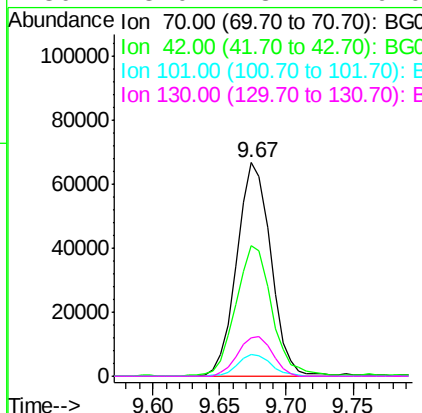
#19
n-Nitroso-di-n-propylamine
Concen: 43.264 ng
RT: 9.67 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Manual Integrations
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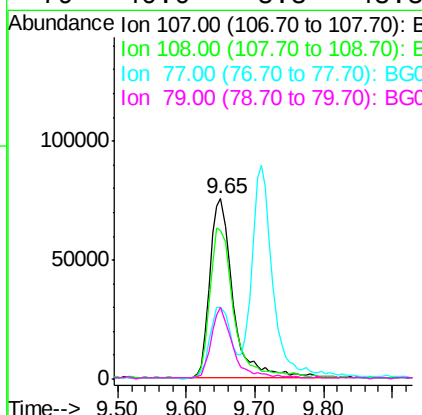
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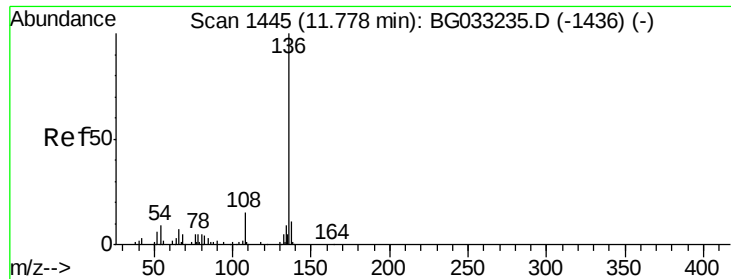
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.2	49.1	73.7	
101	10.0	8.5	12.7	
130	18.0	13.4	20.0	



#20
3+4-Methylphenols
Concen: 50.175 ng
RT: 9.65 min Scan# 1083
Delta R.T. 0.01 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.7	61.6	101.6	
77	39.5	13.9	53.9	
79	40.0	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

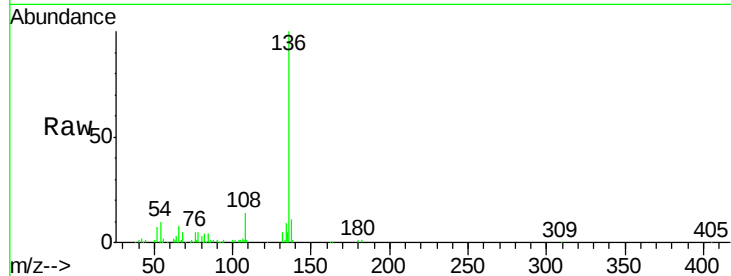
ClientSampleId :

PB107692BS

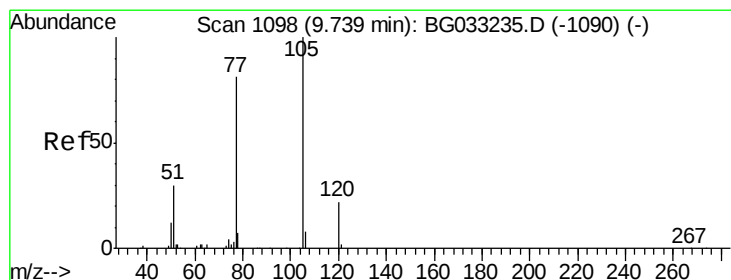
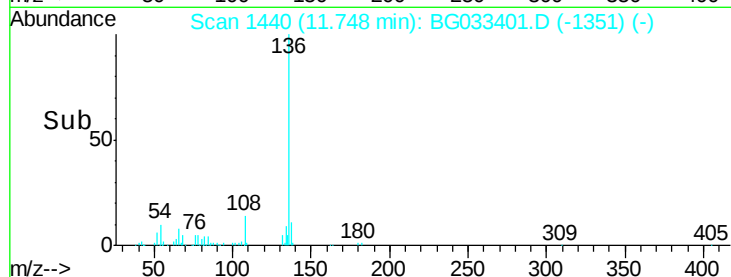
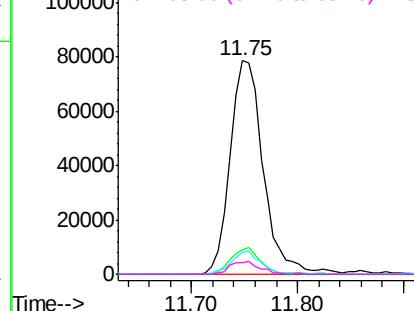
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.2	13.8	
54	10.1	10.3	15.5	
68	5.5	4.5	6.7	

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



#22

Acetophenone

Concen: 46.215 ng

RT: 9.71 min Scan# 1093

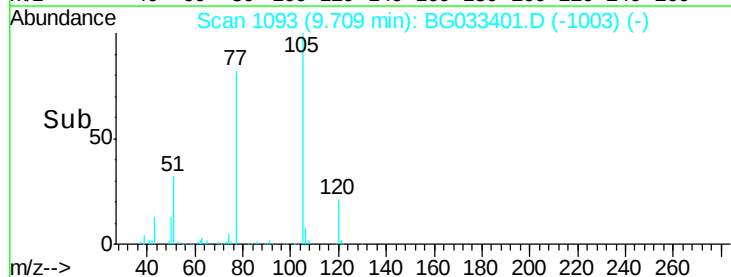
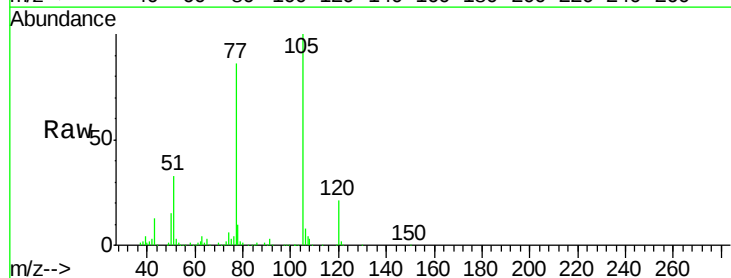
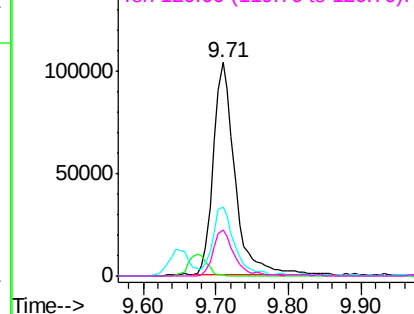
Delta R.T. -0.00 min

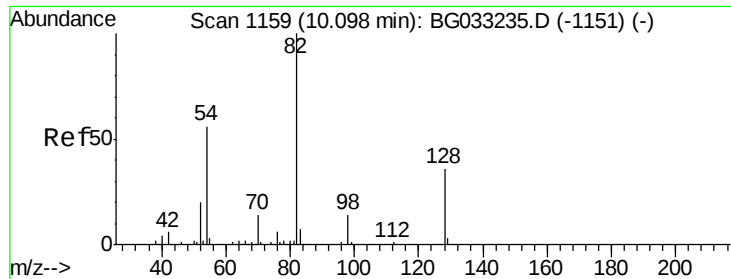
Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	3.0	4.4	
51	32.6	26.1	39.1	
120	21.3	17.4	26.2	

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





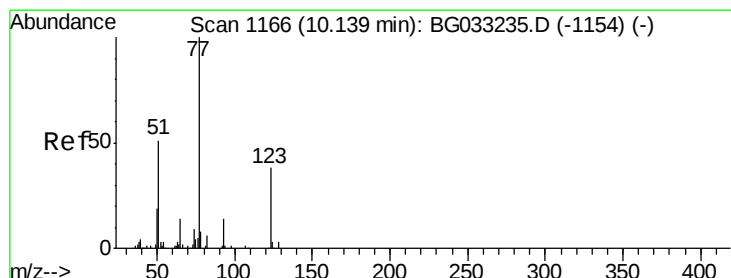
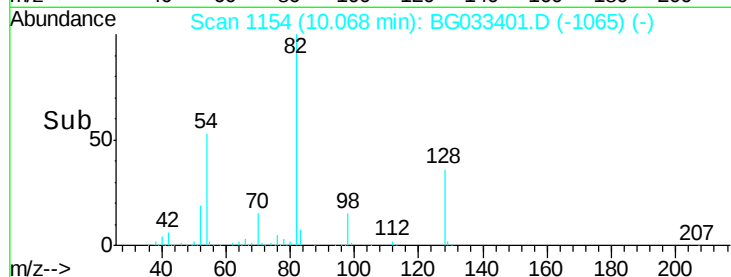
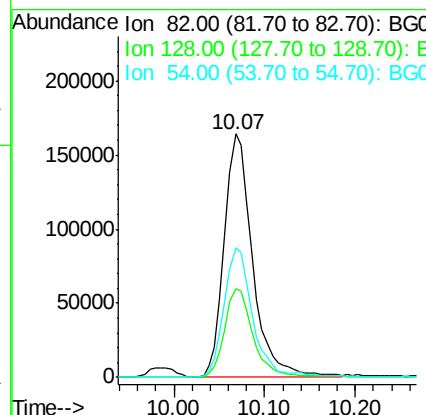
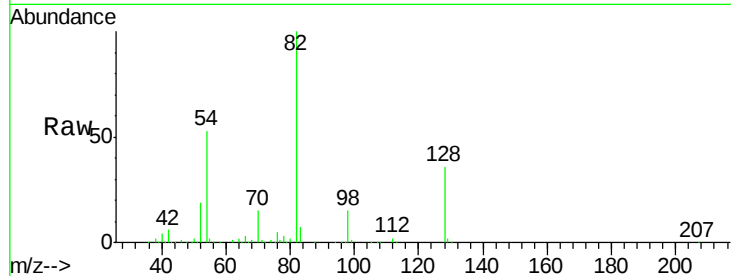
#23
 Nitrobenzene-d5
 Concen: 96.312 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	53.1	43.1	64.7

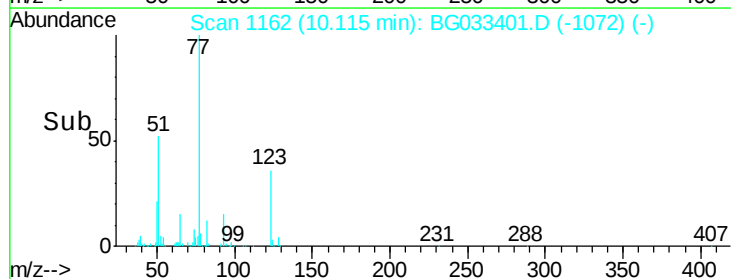
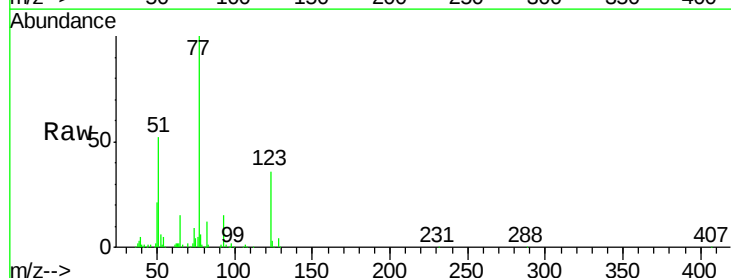
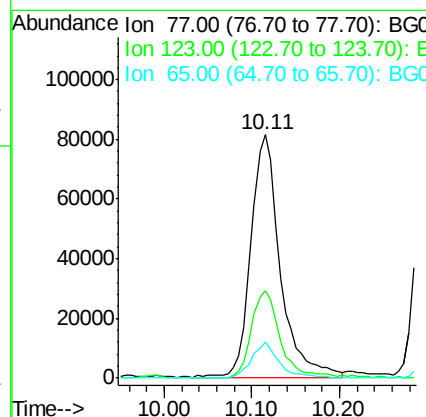
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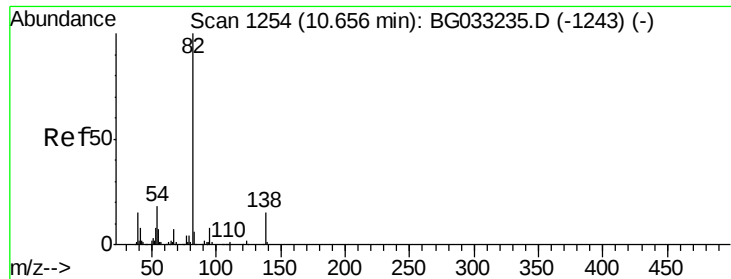
Sohil
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#24
 Nitrobenzene
 Concen: 46.649 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.9	33.0	49.6
65	15.0	13.0	19.6





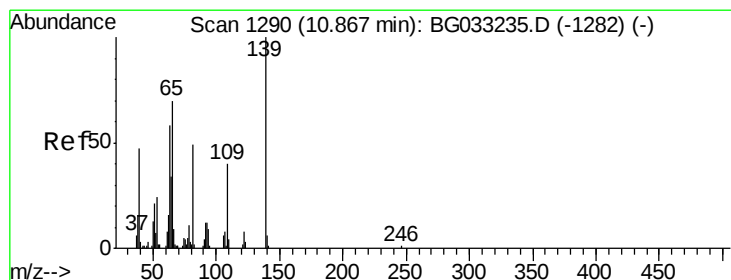
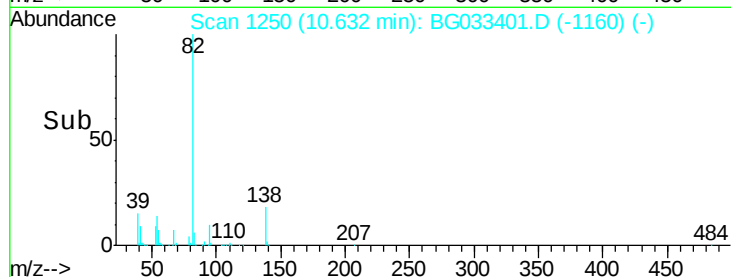
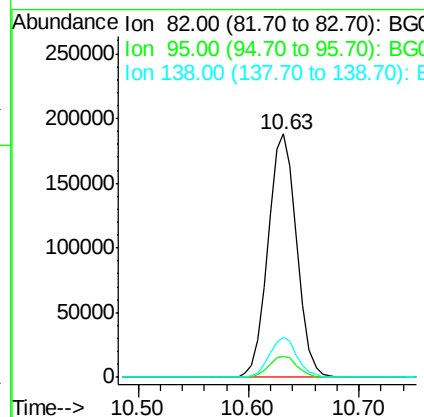
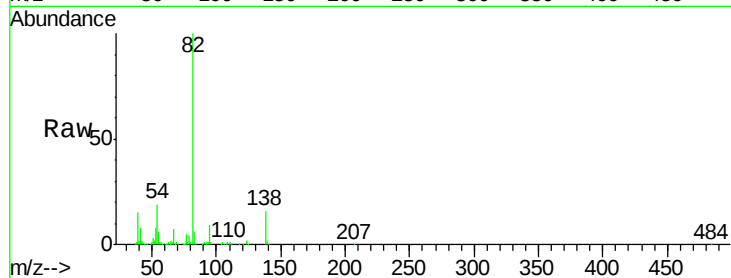
#25
Isophorone
Concen: 47.476 ng
RT: 10.63 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.6	6.2	9.2
138	16.2	12.1	18.1

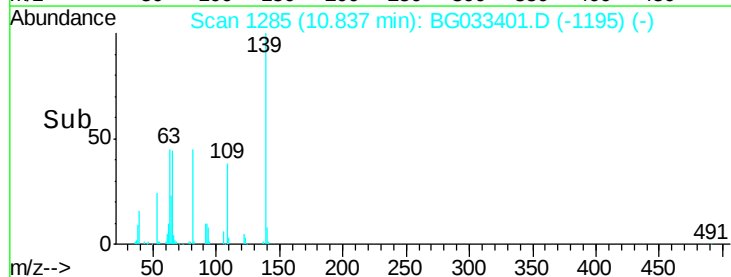
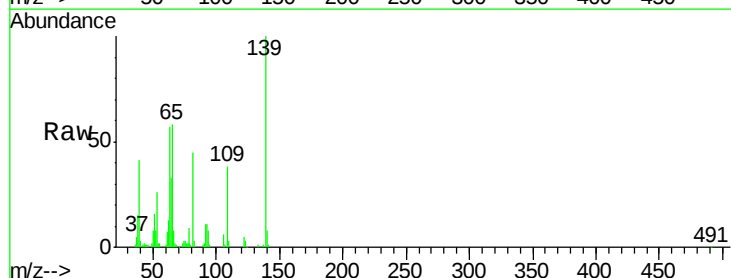
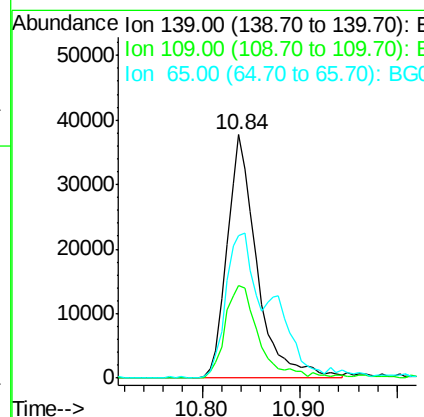
Manual Integrations
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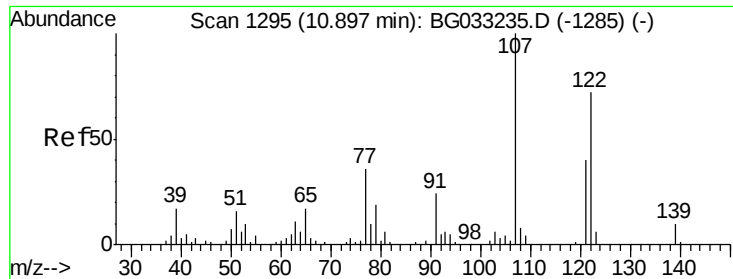
Sohil
3/29/2018 5:39:04 PM



#26
2-Nitrophenol
Concen: 53.223 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.2	24.2	36.2#
65	58.4	47.4	71.0





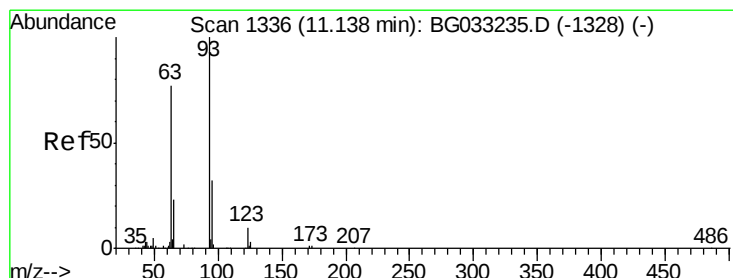
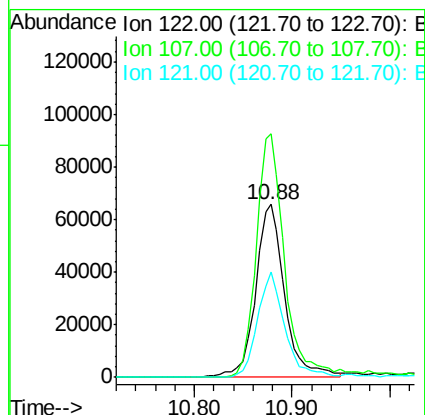
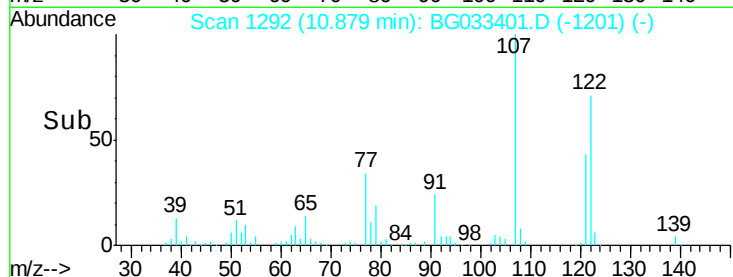
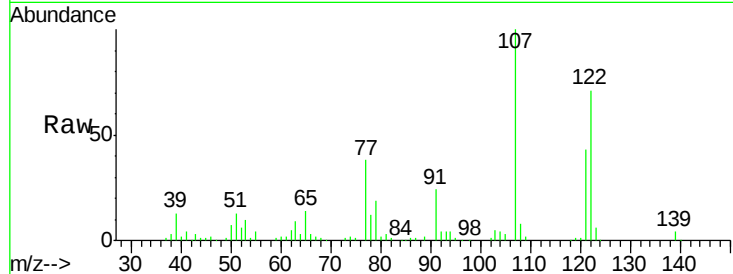
#27
 2,4-Dimethylphenol
 Concen: 63.111 ng
 RT: 10.88 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	141.1	100.2	150.2	
121	61.0	44.4	66.6	

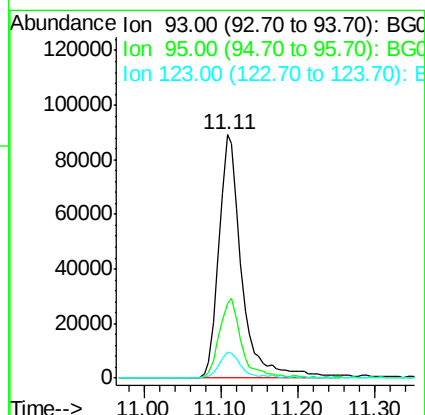
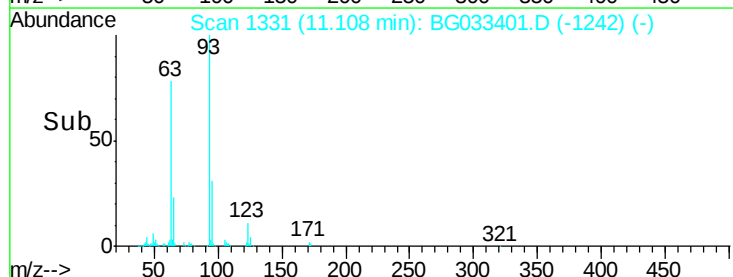
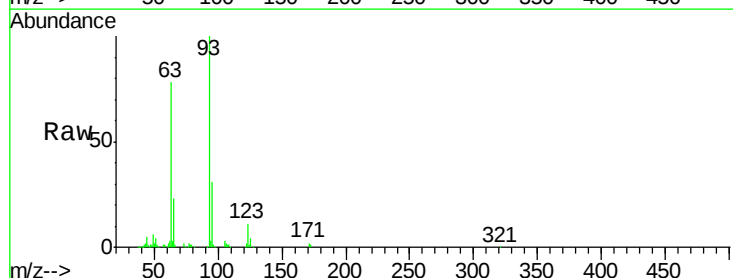
Manual Integrations
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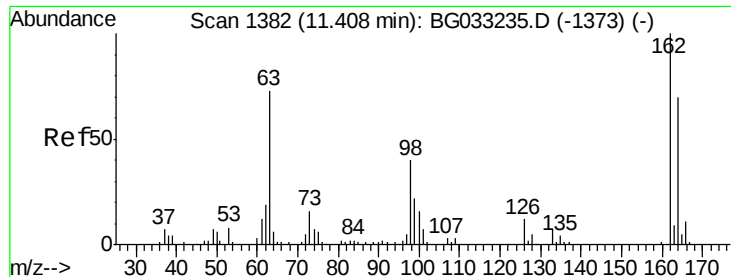
Sohil
 3/29/2018 5:39:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.850 ng
 RT: 11.11 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	30.7	24.3	36.5	
123	10.5	8.4	12.6	





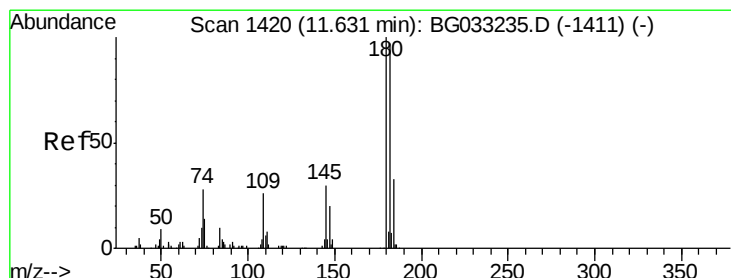
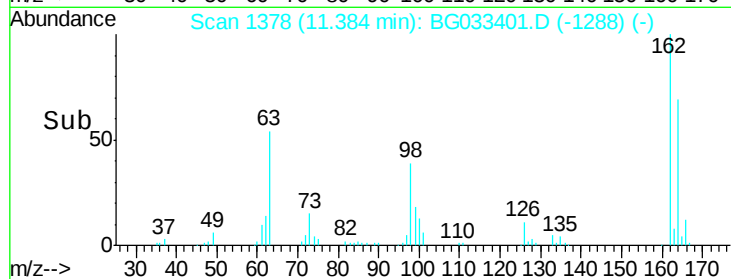
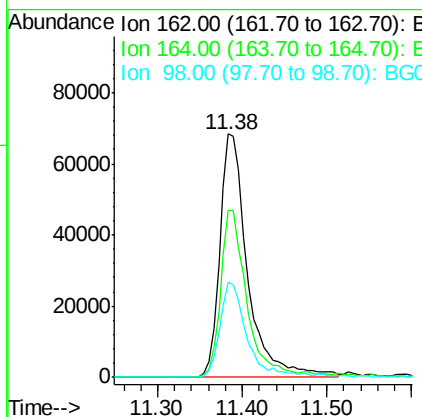
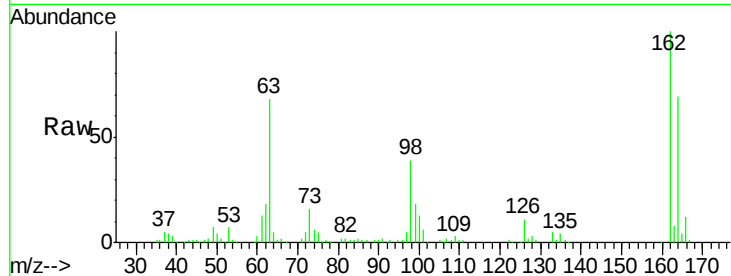
#29
2,4-Dichlorophenol
Concen: 58.233 ng
RT: 11.38 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.5	48.0	88.0
98	39.3	21.1	61.1

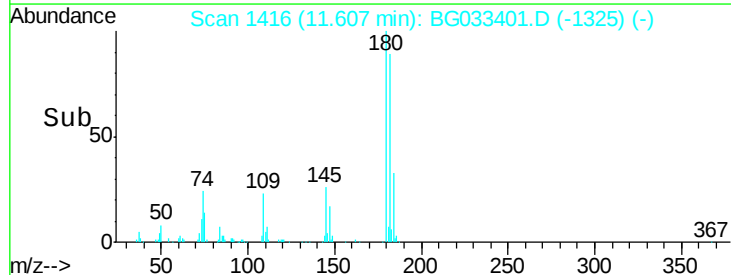
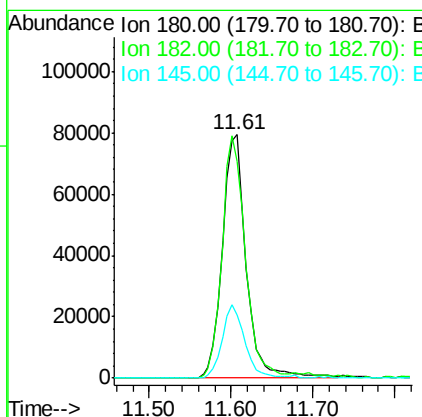
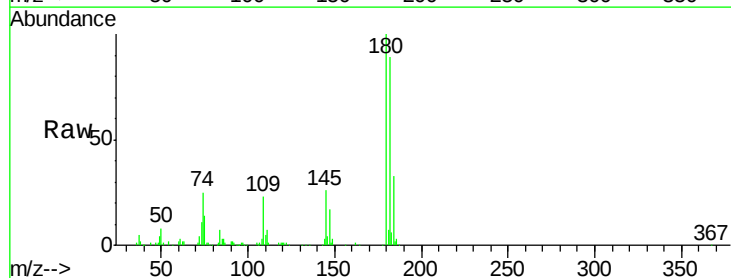
Manual Integrations
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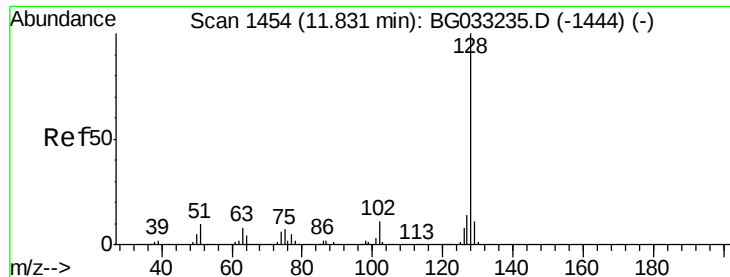
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 46.261 ng
RT: 11.61 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	89.1	77.5	116.3
145	26.1	23.4	35.2





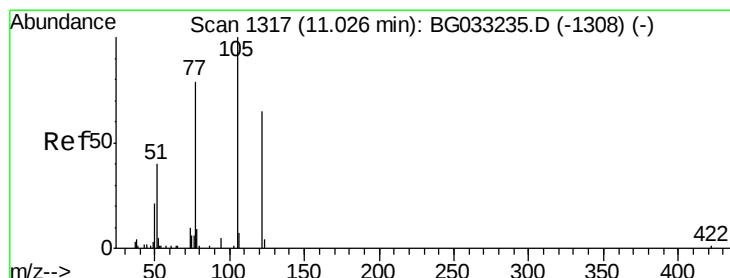
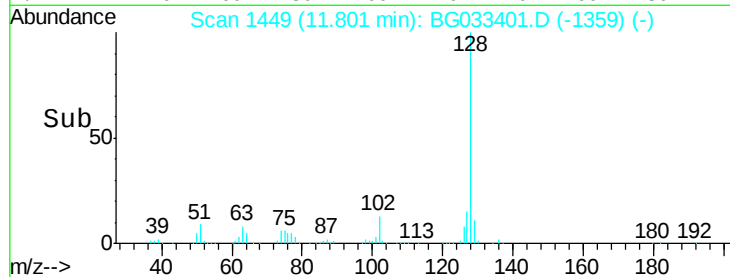
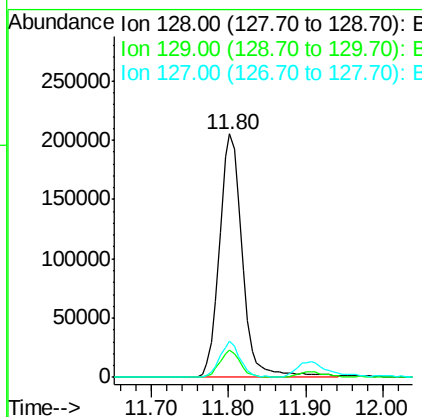
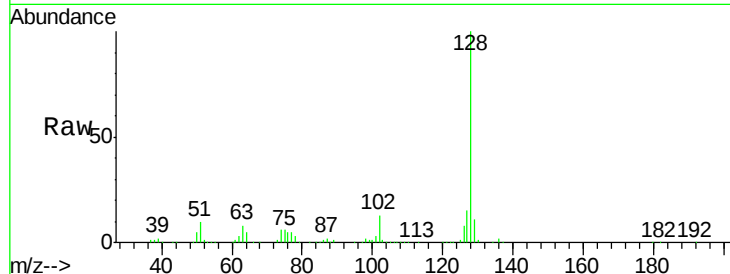
#31
Naphthalene
Concen: 48.213 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampled :
PB107692BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.8	11.6	17.4

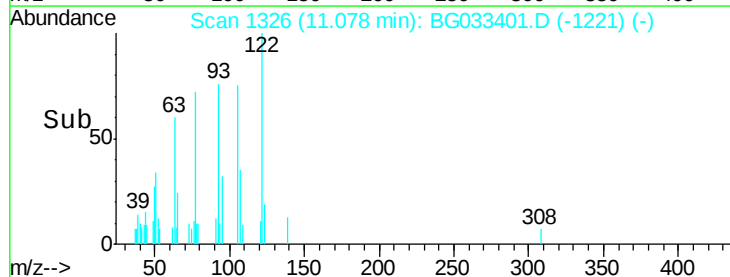
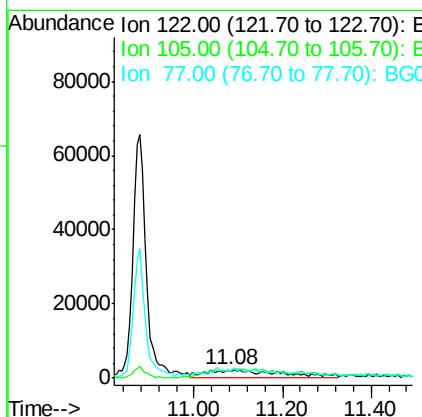
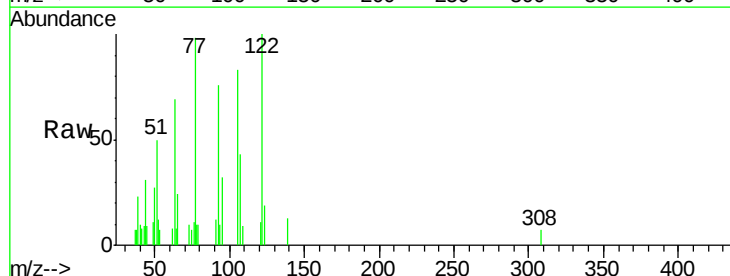
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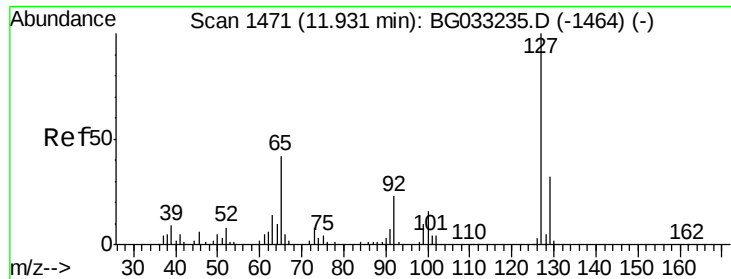
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#32
Benzoic acid
Concen: 13.467 ng m
RT: 11.08 min Scan# 1326
Delta R.T. 0.08 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	82.5	123.5	163.5#
77	97.8	85.7	125.7





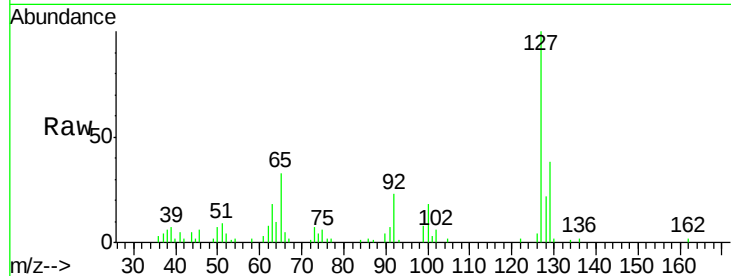
#33
4-Chloroaniline
Concen: 8.742 ng
RT: 11.91 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleID :
PB107692BS

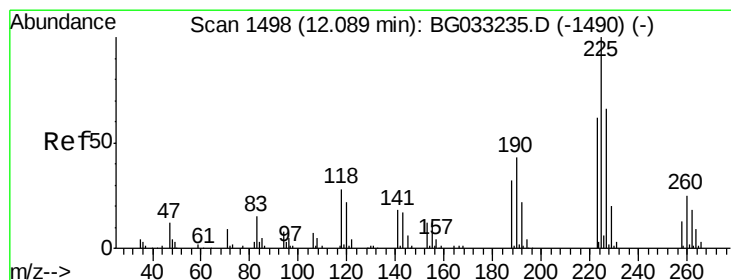
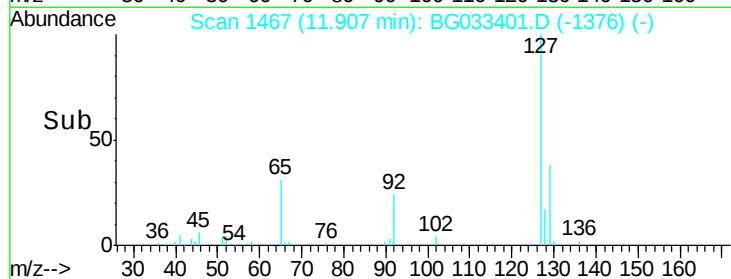
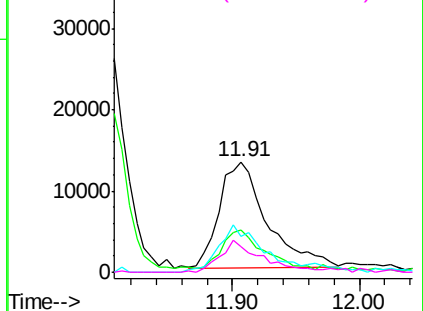
Tot Ion:	127	Resp:	34535
Ion Ratio	Lower	Upper	
127	100		
129	38.1	24.0	36.0#
65	32.9	27.0	40.4
92	23.2	16.6	25.0

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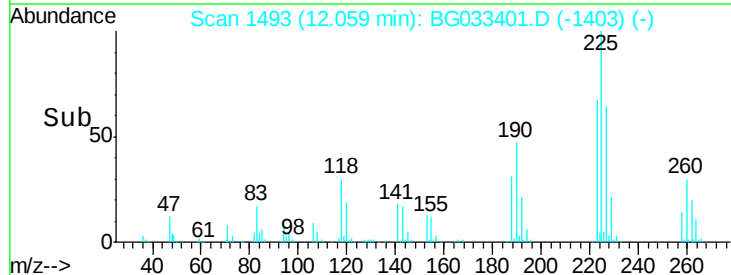
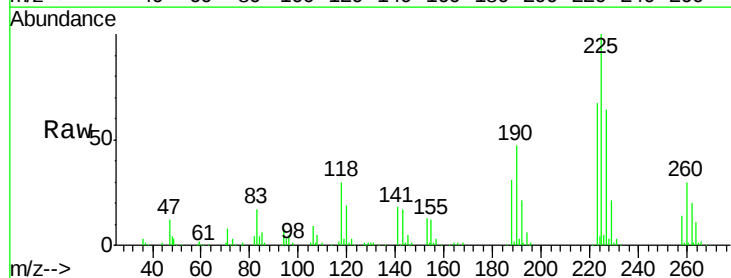
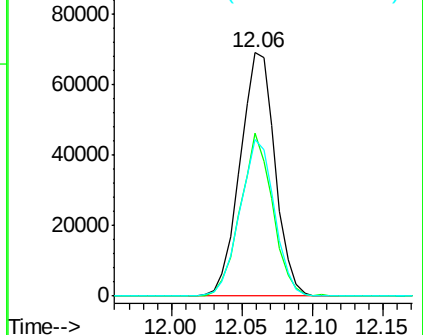
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

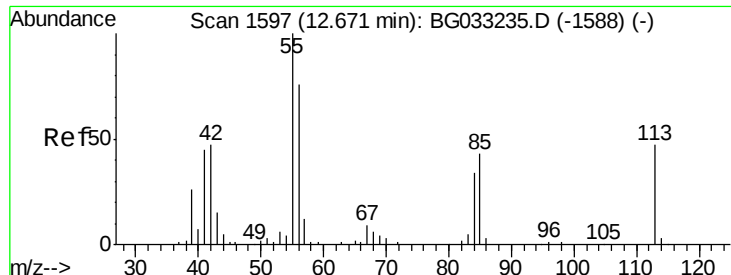


#34
Hexachlorobutadiene
Concen: 45.230 ng
RT: 12.06 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion:	225	Resp:	119153
Ion Ratio	Lower	Upper	
225	100		
223	67.0	49.7	74.5
227	64.4	48.1	72.1

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.330 ng

RT: 12.67 min Scan# 1597

Delta R.T. 0.03 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

ClientSampleId :

PB107692BS

Tot Ion:113 Resp: 50767

Ion Ratio Lower Upper

113 100

55 232.7 186.9 226.9#

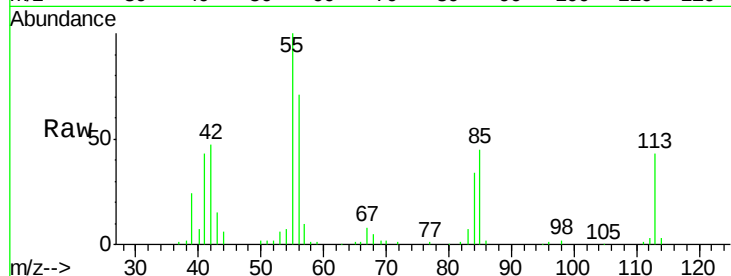
56 164.3 130.9 170.9

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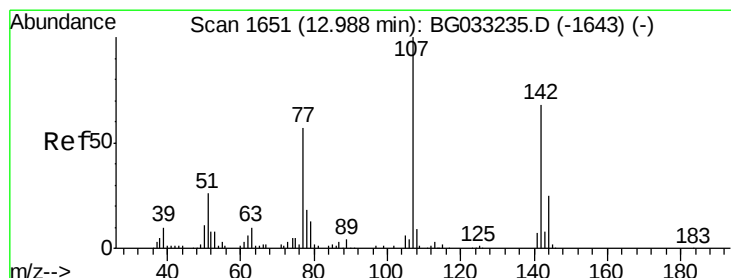
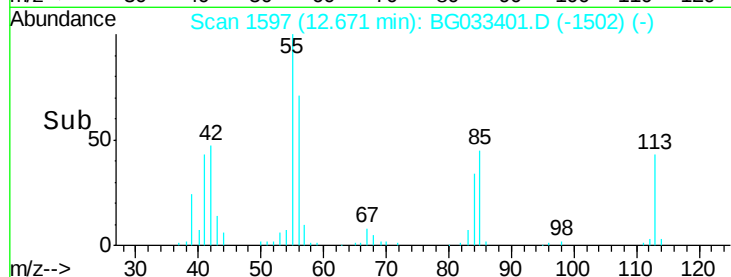
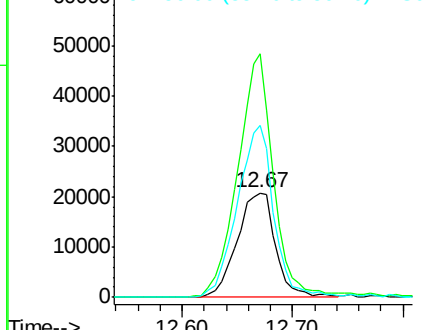
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.812 ng

RT: 12.98 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

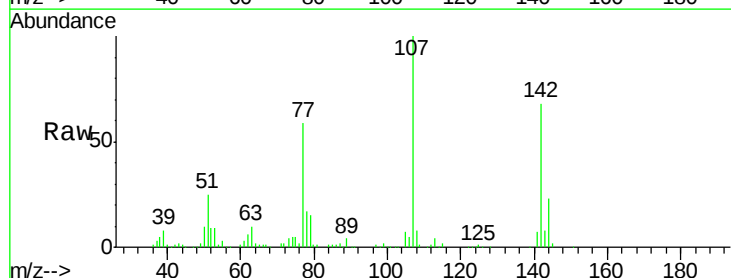
Tgt Ion:107 Resp: 188186

Ion Ratio Lower Upper

107 100

144 23.0 18.2 27.4

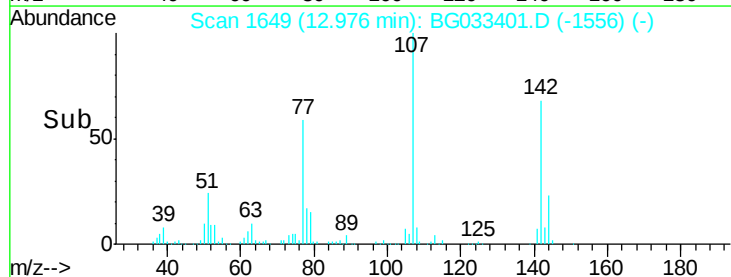
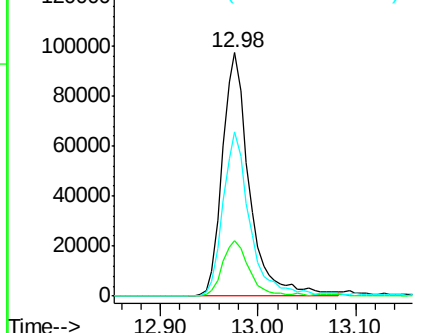
142 67.7 59.0 88.4

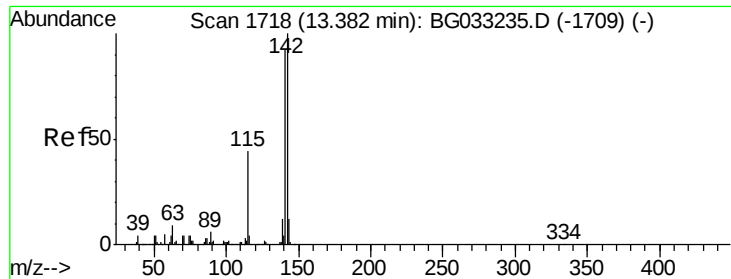


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.428 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

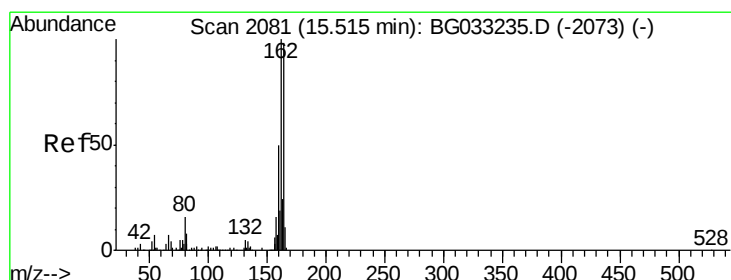
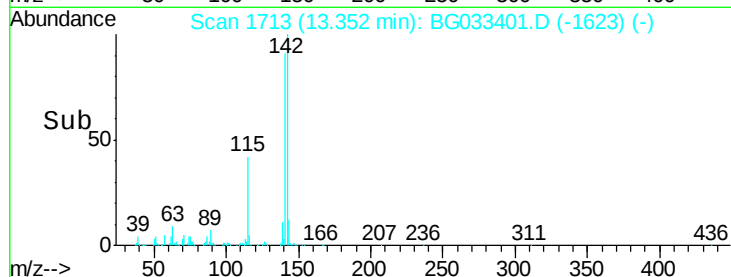
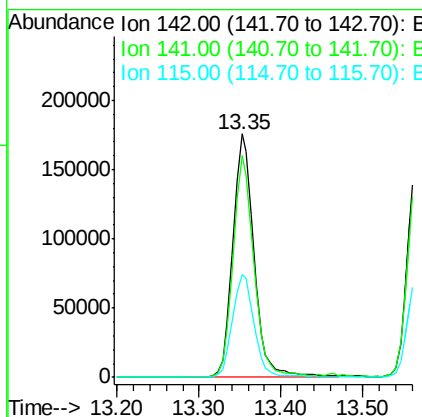
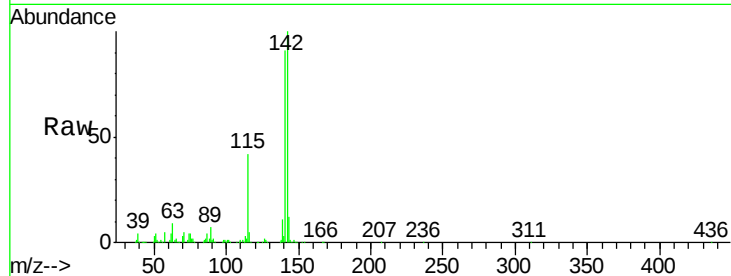
ClientSampleId :

PB107692BS

Tot Ion:	142	Resp:	317754
Ion Ratio	Lower	Upper	
142	100		
141	91.2	67.1	100.7
115	42.1	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

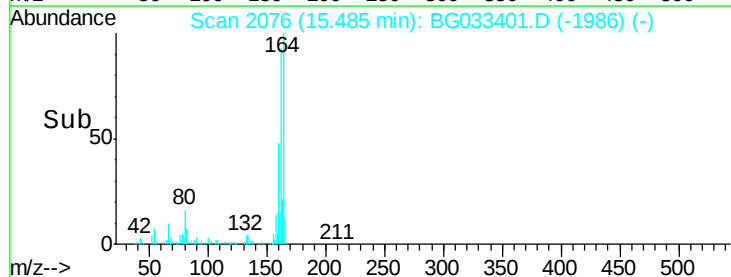
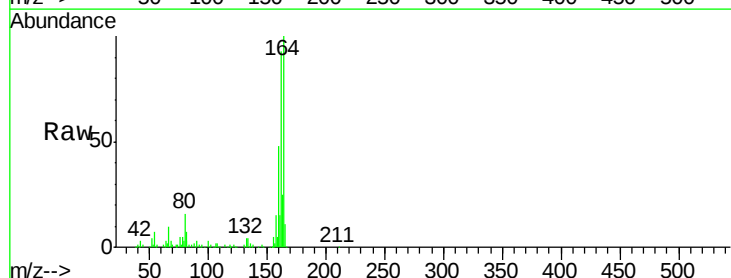
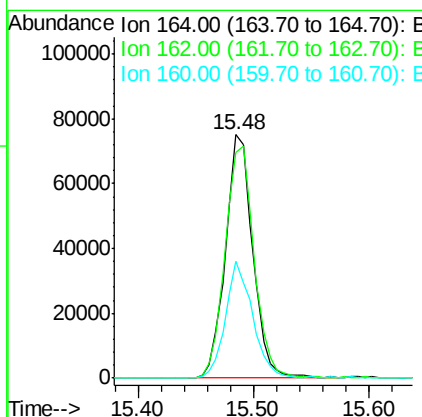
RT: 15.48 min Scan# 2076

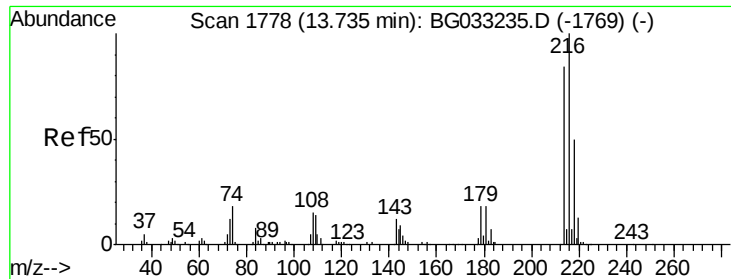
Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Tgt Ion:	164	Resp:	123156
Ion Ratio	Lower	Upper	
164	100		
162	92.8	78.8	118.2
160	48.2	35.4	53.0





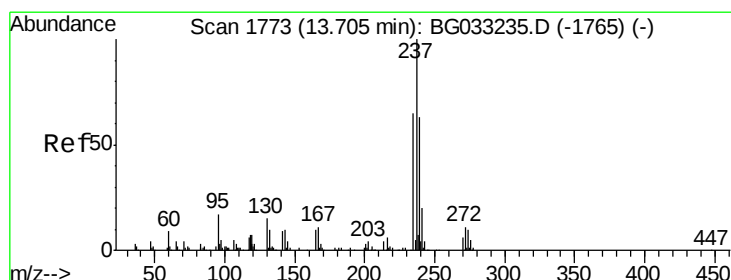
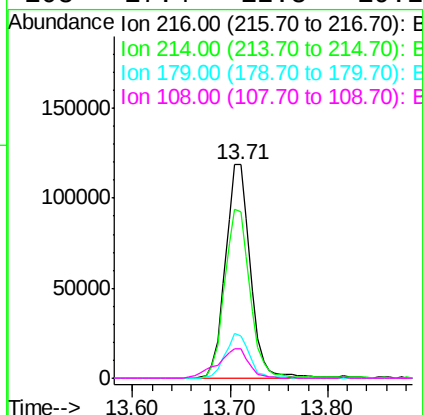
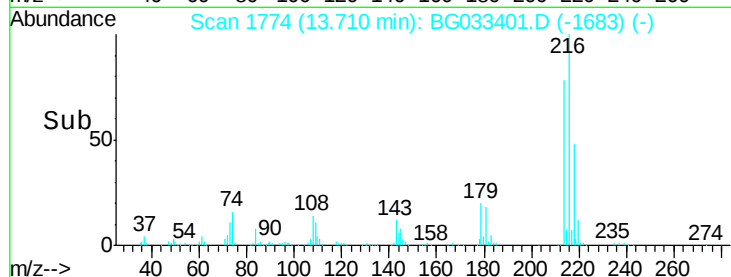
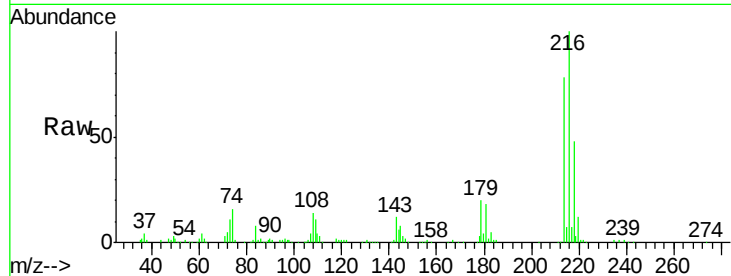
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.406 ng
 RT: 13.71 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.3		63.0	94.4	
179	19.9		17.0	25.6	
108	17.4		12.8	19.2	

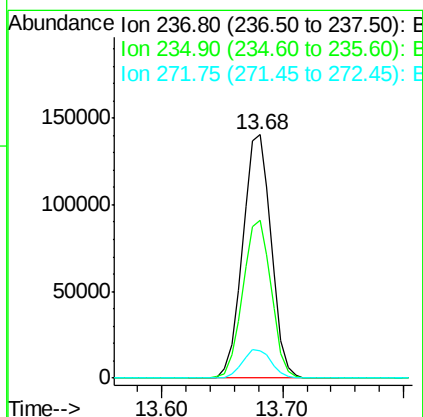
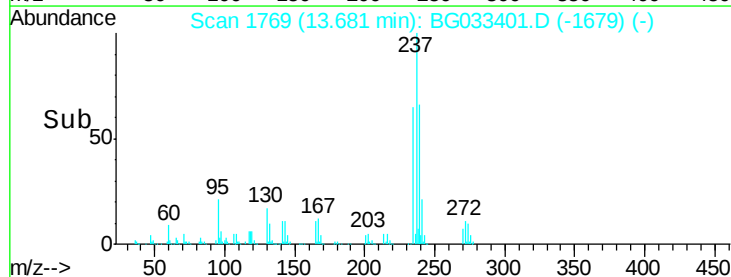
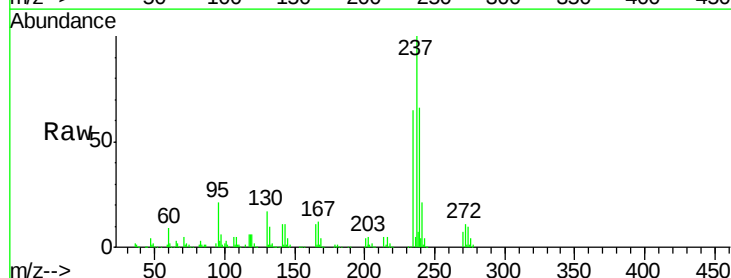
Manual Integrations
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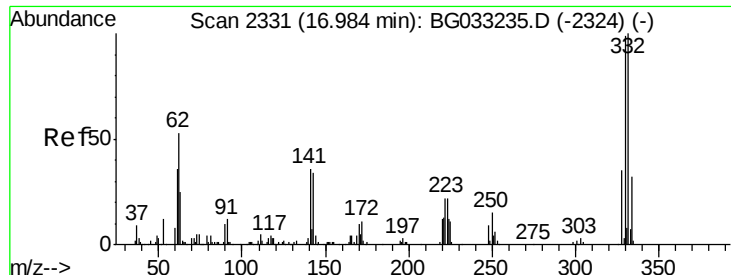
Sohil
 3/29/2018 5:39:04 PM



#40
 Hexachlorocyclopentadiene
 Concen: 87.980 ng
 RT: 13.68 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.9		50.4	90.4	
272	11.0		0.0	31.8	





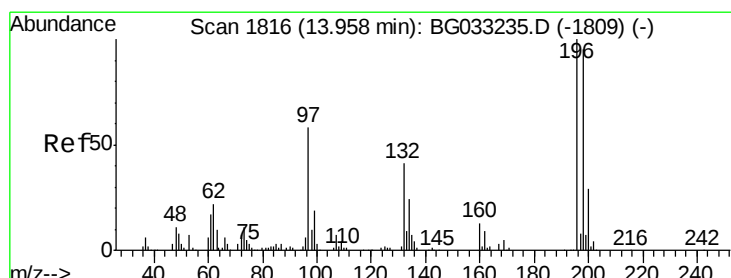
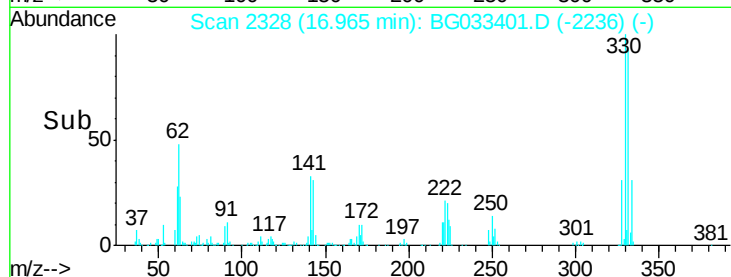
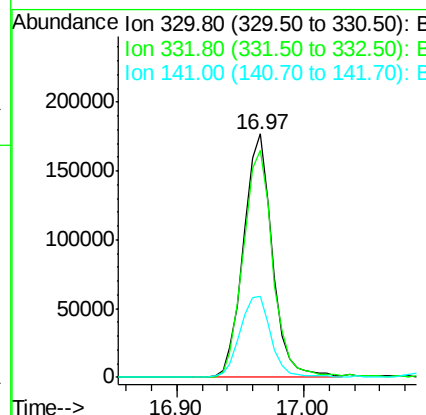
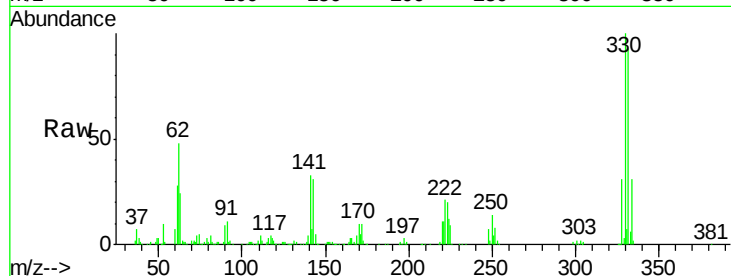
#41
 2,4,6-Tribromophenol
 Concen: 151.382 ng
 RT: 16.97 min Scan# 2328
 Delta R.T. 0.01 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	35.7	25.2	37.8	

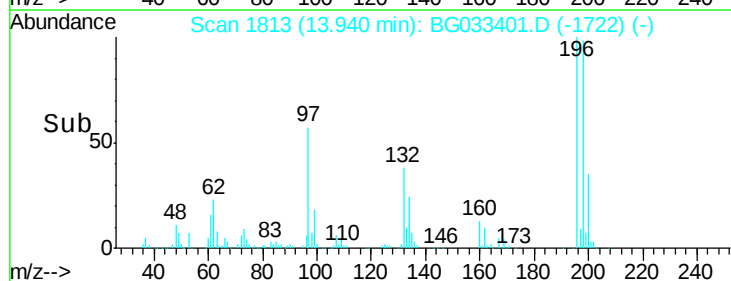
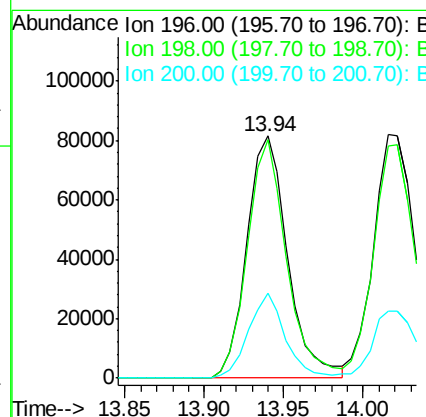
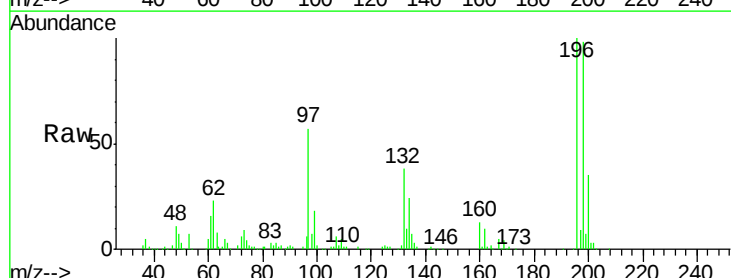
Manual Integrations
 APPROVED

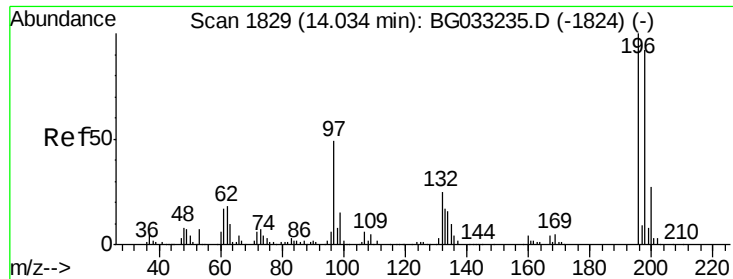
Sohil
 3/29/2018 5:39:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 56.278 ng
 RT: 13.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.3	78.2	117.2	
200	34.8	24.6	36.8	





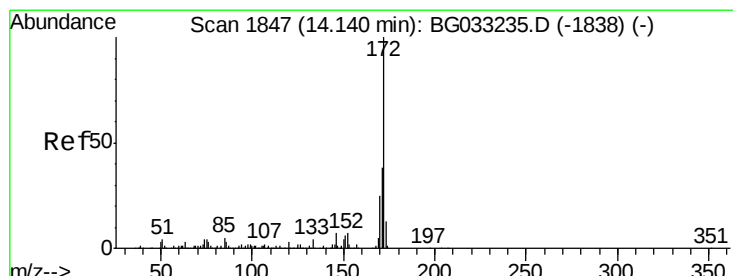
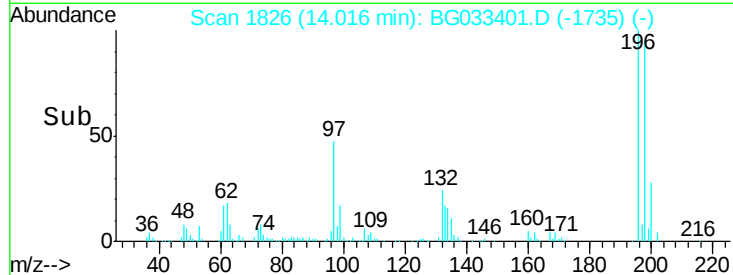
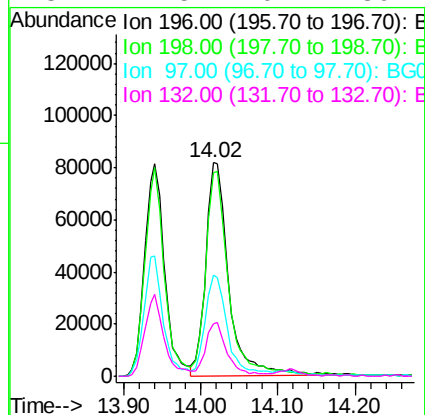
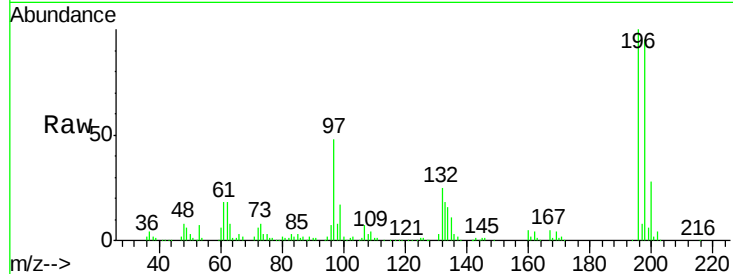
#43
 2,4,5-Trichlorophenol
 Concen: 54.225 ng
 RT: 14.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		166122		
198	95.4	76.2	114.4		
97	47.6	38.7	58.1		
132	24.5	20.2	30.2		

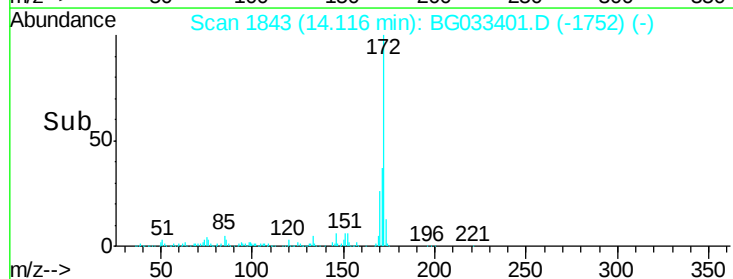
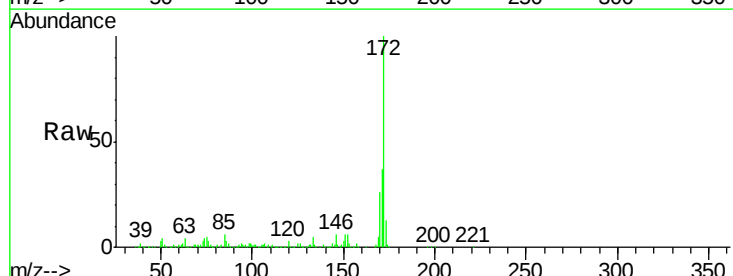
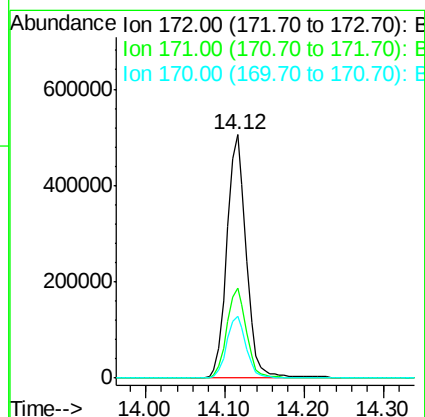
Manual Integrations
 APPROVED

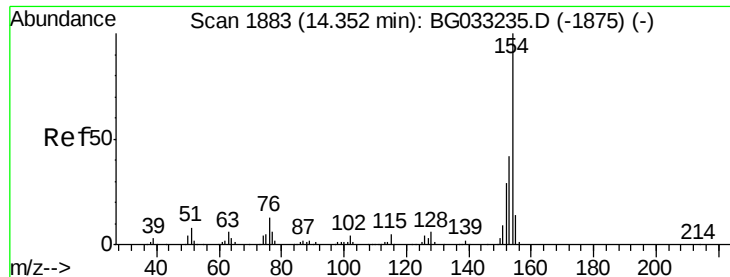
Sohil
 3/29/2018 5:39:04 PM



#44
 2-Fluorobiphenyl
 Concen: 100.402 ng
 RT: 14.12 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		856529		
171	37.2	30.0	45.0		
170	25.5	19.5	29.3		





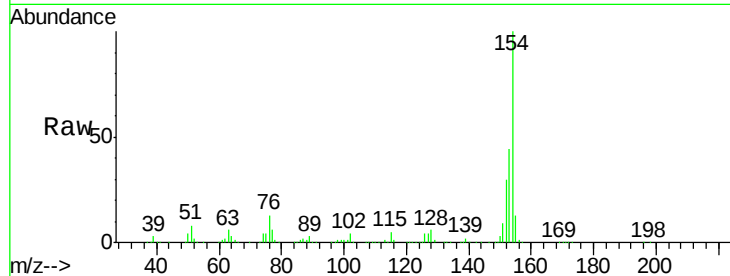
#45
 1,1'-Biphenyl
 Concen: 46.790 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

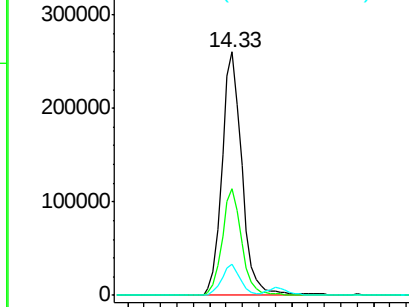
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.6	19.8	59.8
76	12.6	0.0	31.9

Manual Integrations
 APPROVED

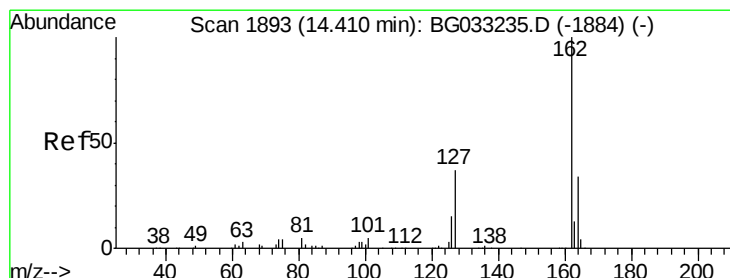
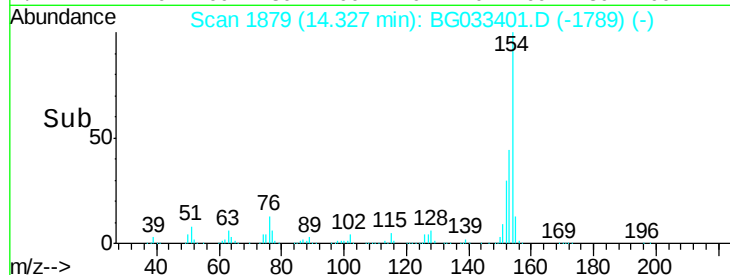
Sohil
 3/29/2018 5:39:04 PM



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

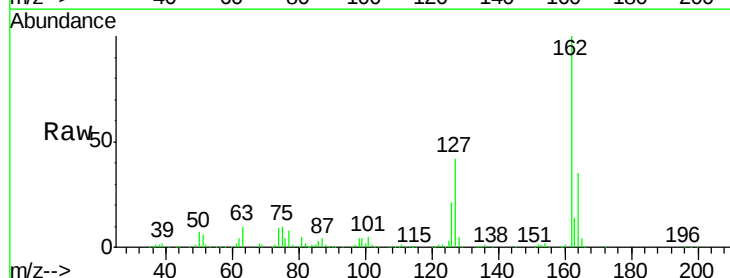


Time-->

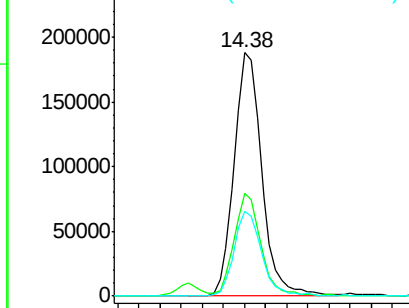


#46
 2-Chloronaphthalene
 Concen: 46.672 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

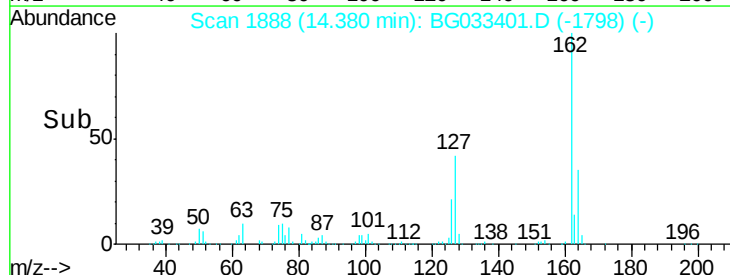
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	30.7	46.1
164	34.7	26.0	39.0

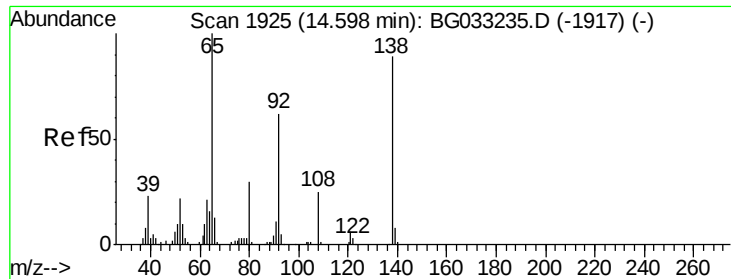


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->





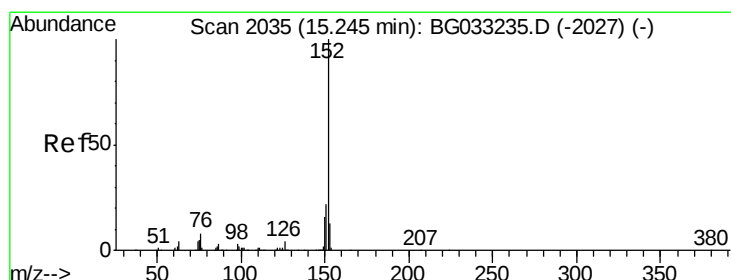
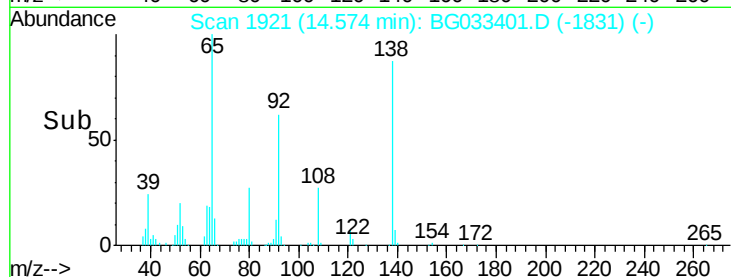
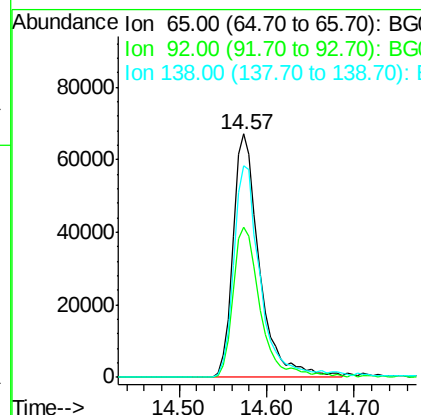
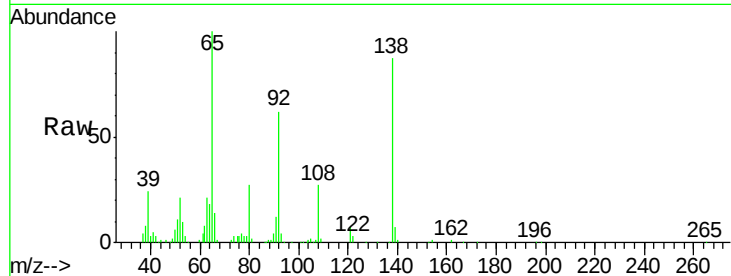
#47
2-Nitroaniline
Concen: 50.576 ng
RT: 14.57 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.6	54.6	82.0
138	86.7	72.9	109.3

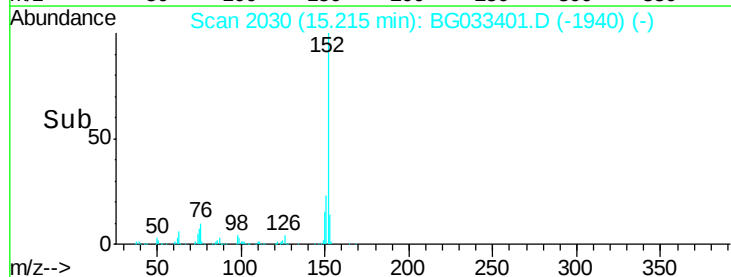
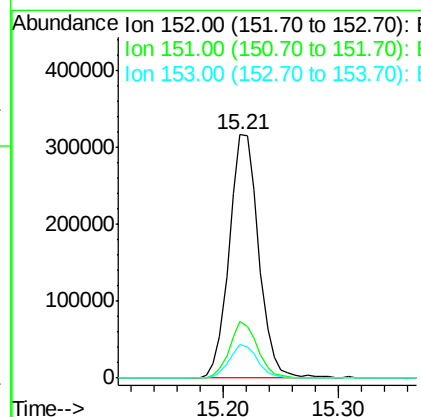
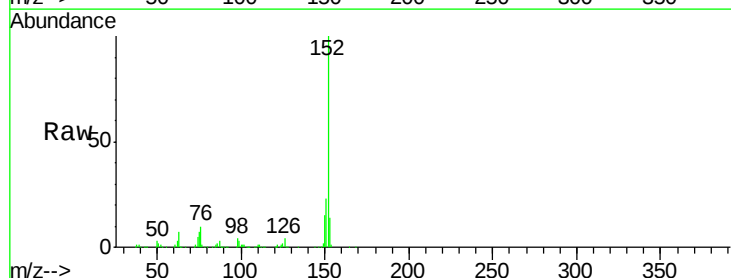
Manual Integrations
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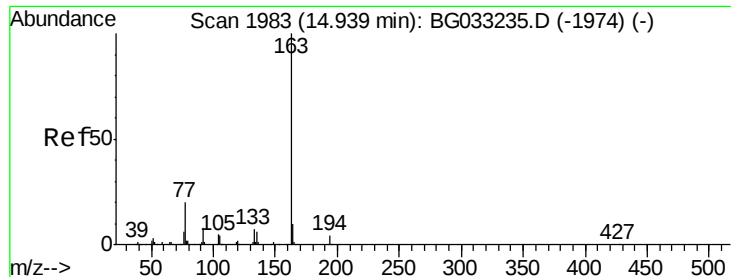
Sohil
3/29/2018 5:39:04 PM



#48
Acenaphthylene
Concen: 45.752 ng
RT: 15.21 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.4	17.2	25.8
153	14.0	10.2	15.4





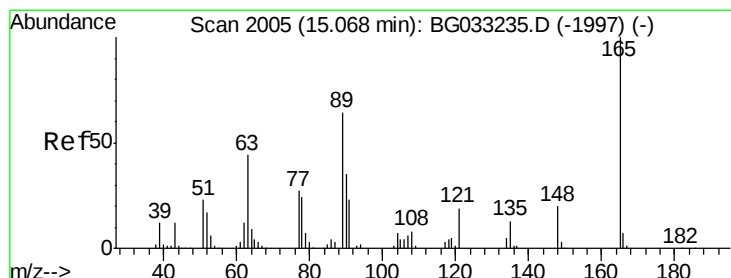
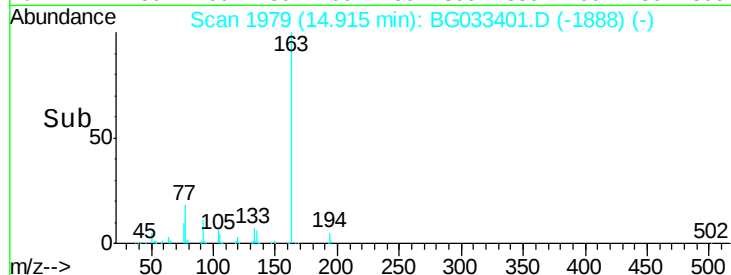
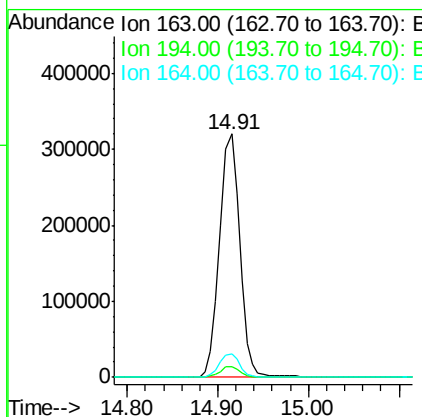
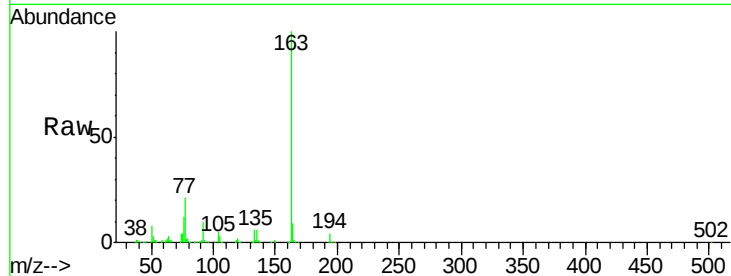
#49
Dimethylphthalate
Concen: 46.748 ng
RT: 14.91 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.5	8.2	12.4

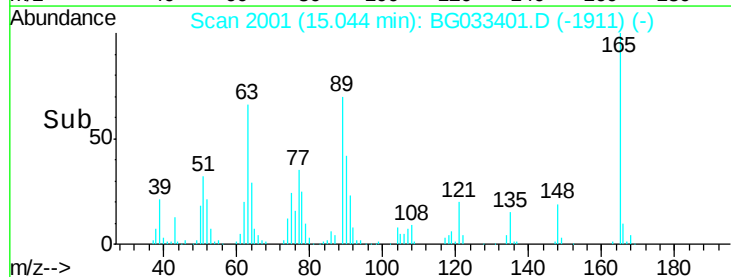
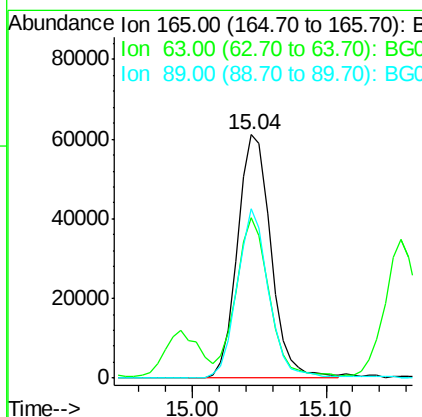
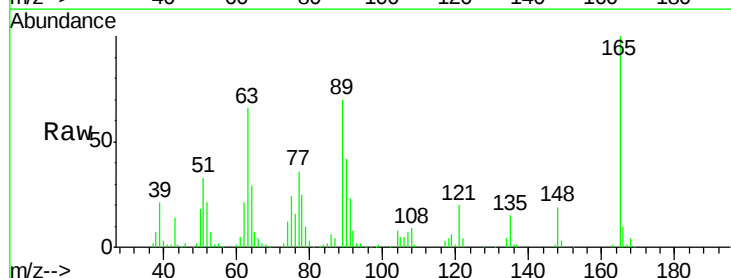
Manual Integrations
APPROVED

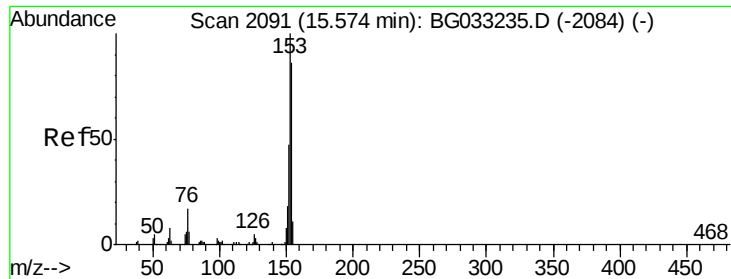
Sohil
3/29/2018 5:39:04 PM



#50
2,6-Dinitrotoluene
Concen: 48.479 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.9	52.7	79.1
89	69.8	49.2	73.8





#51

Acenaphthene

Concen: 44.643 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

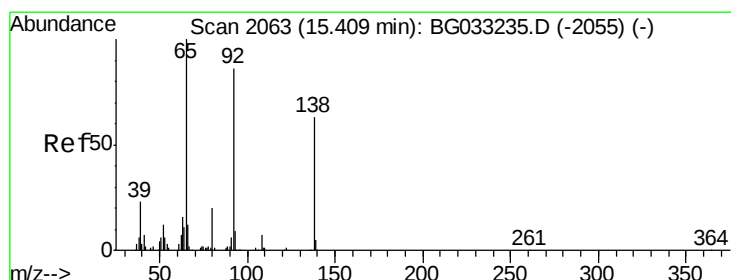
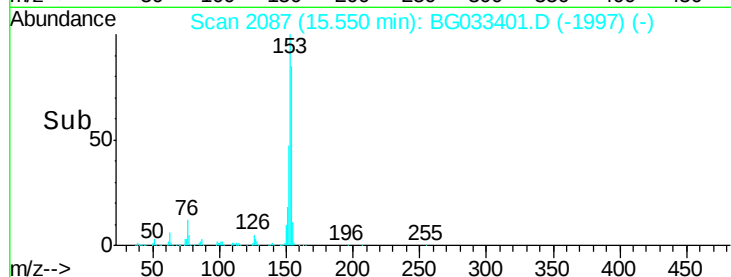
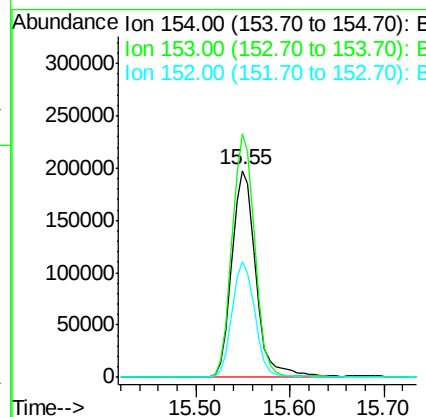
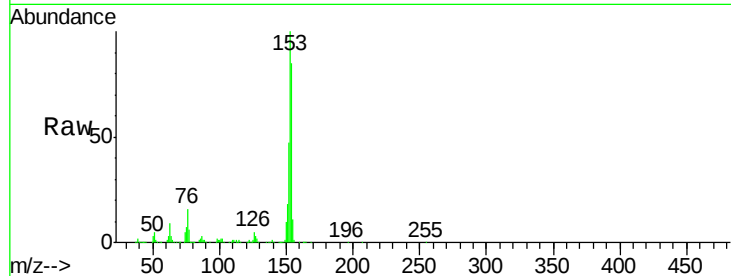
ClientSampleId :

PB107692BS

Tot Ion:	154	Resp:	350454
Ion Ratio	Lower	Upper	
154	100		
153	117.9	90.4	135.6
152	55.8	41.6	62.4

Manual Integrations
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Sohil
3/29/2018 5:39:04 PM



#52

3-Nitroaniline

Concen: 17.521 ng

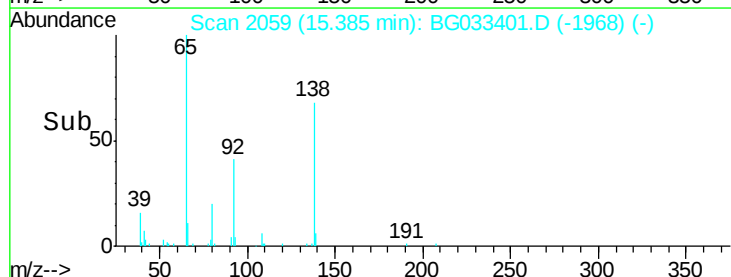
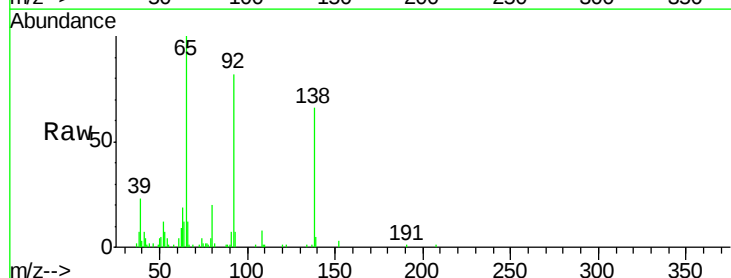
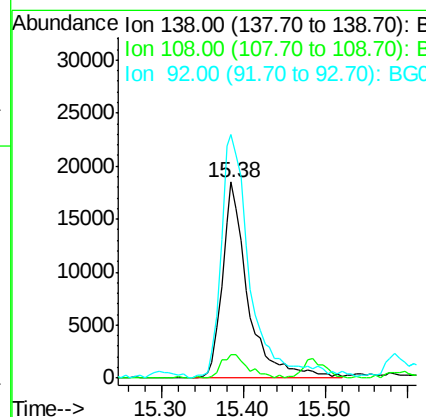
RT: 15.38 min Scan# 2059

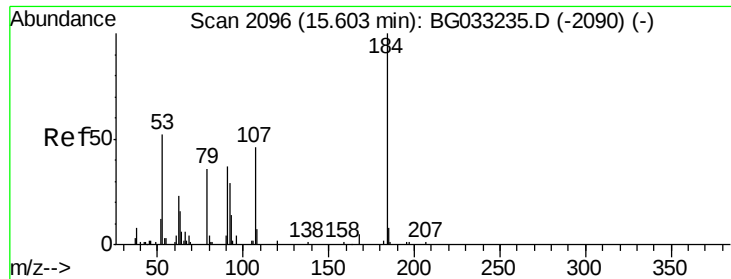
Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Tgt Ion:	138	Resp:	40257
Ion Ratio	Lower	Upper	
138	100		
108	11.8	17.5	26.3#
92	124.2	105.8	158.8





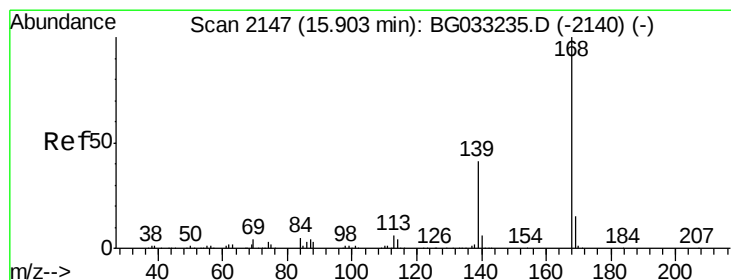
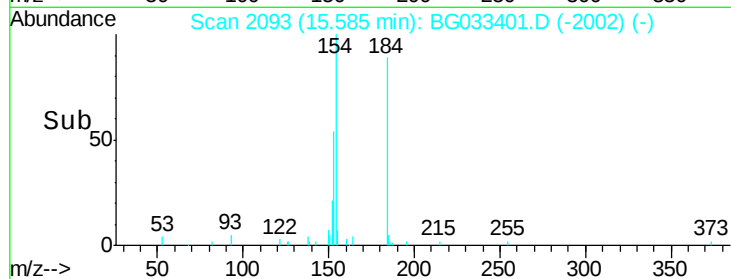
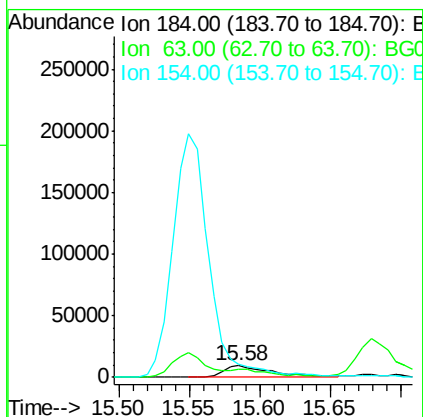
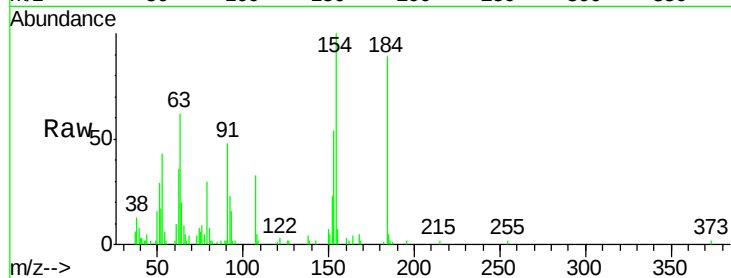
#53
2,4-Dinitrophenol
Concen: 25.758 ng
RT: 15.58 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.4	59.8	89.8
154	111.9	101.8	152.8

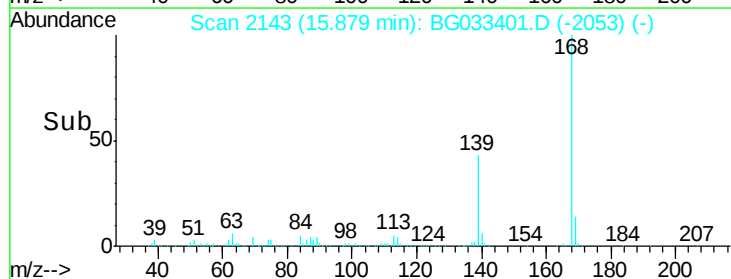
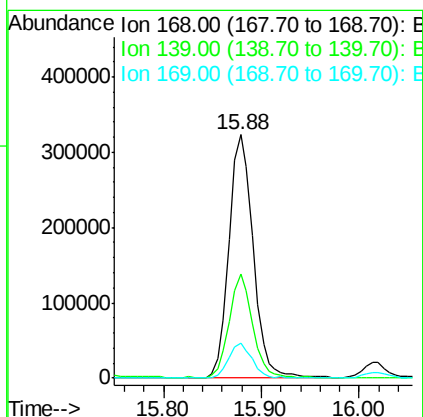
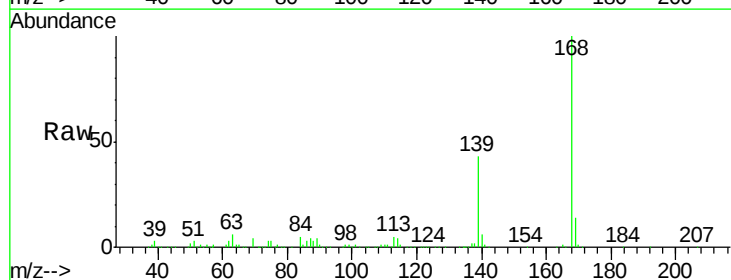
Manual Integrations
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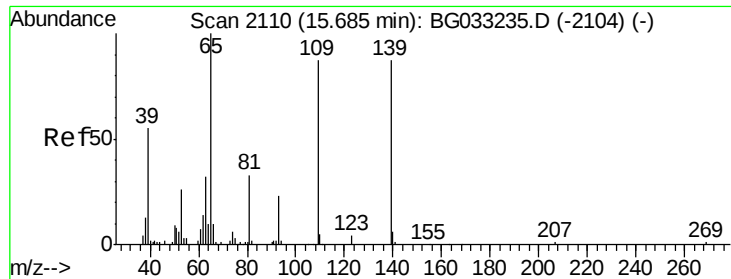
Sohil
3/29/2018 5:39:04 PM



#54
Dibenzofuran
Concen: 48.240 ng
RT: 15.88 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.8	28.6	43.0
169	14.2	11.2	16.8





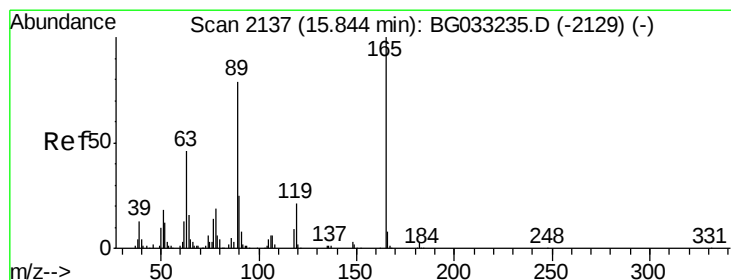
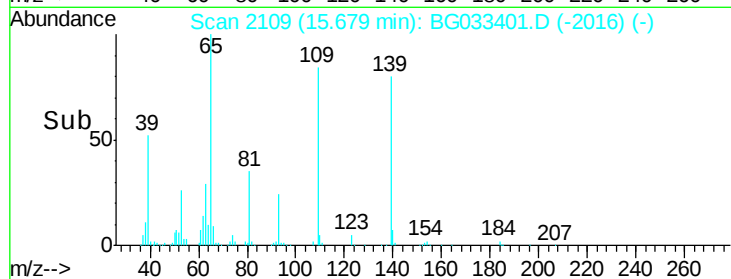
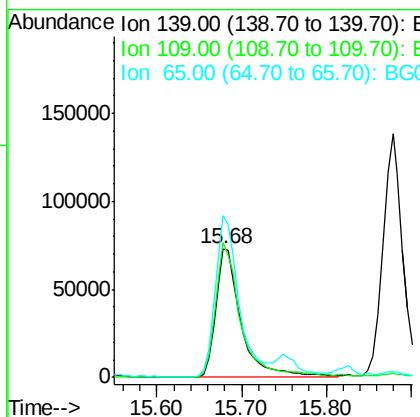
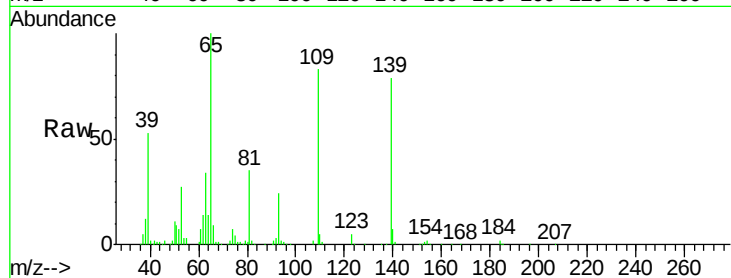
#55
4-Nitrophenol
Concen: 95.860 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	104.4	62.2	102.2#
65	125.9	97.2	137.2

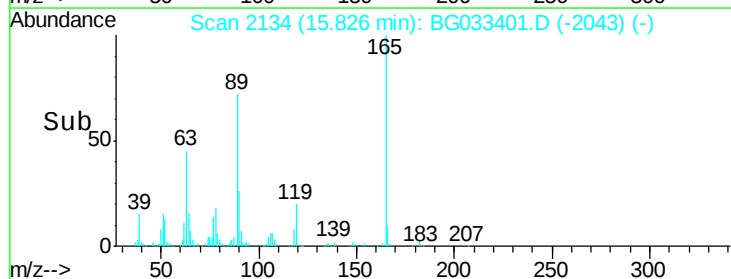
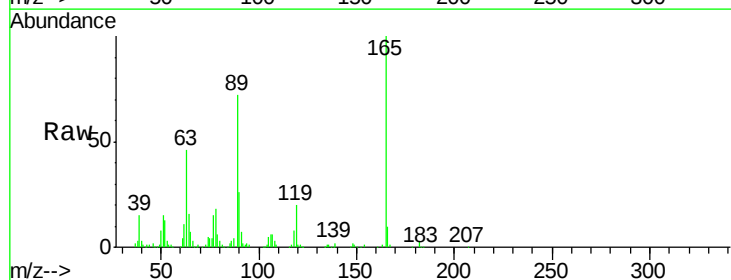
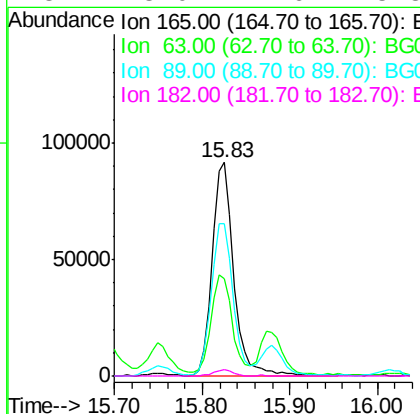
Manual Integrations
APPROVED

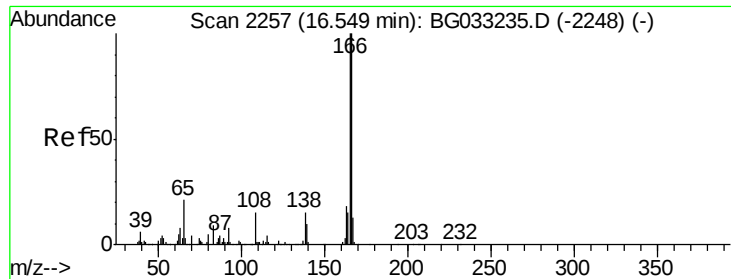
Sohil
3/29/2018 5:39:04 PM



#56
2,4-Dinitrotoluene
Concen: 48.428 ng
RT: 15.83 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.7	42.0	63.0
89	71.6	66.9	100.3
182	3.0	2.6	3.8





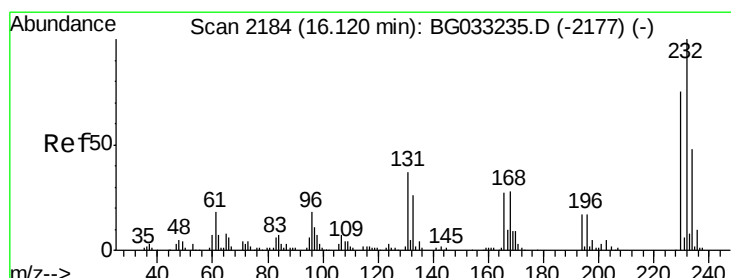
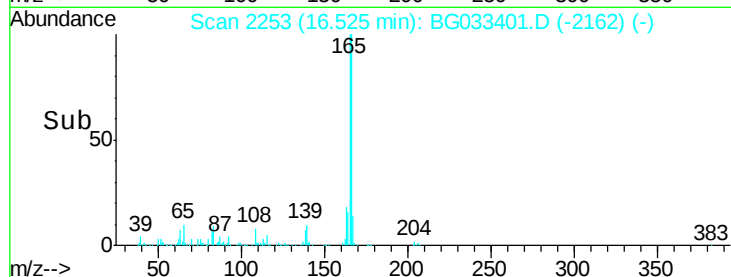
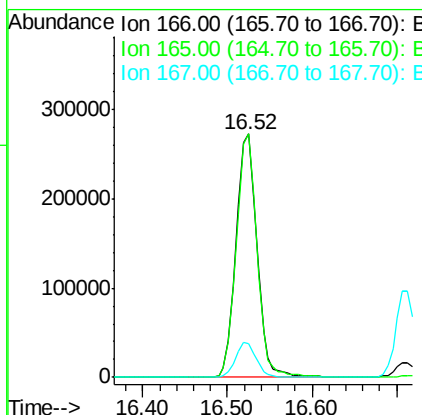
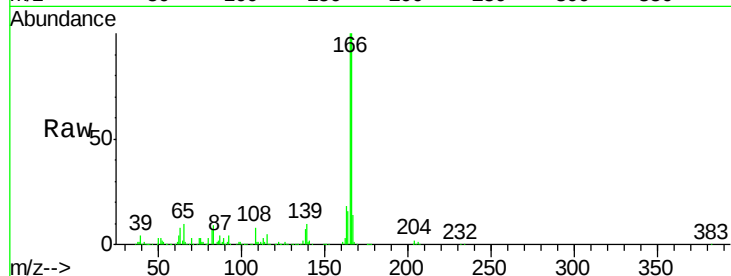
#57
 Fluorene
 Concen: 47.054 ng
 RT: 16.52 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.6	121.0
167	13.7	10.4	15.6

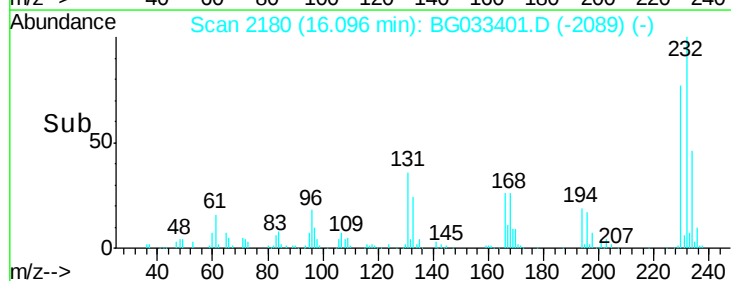
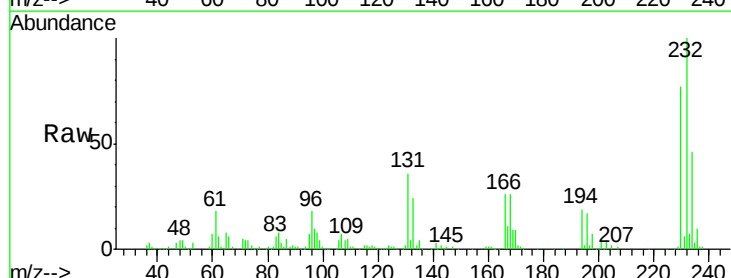
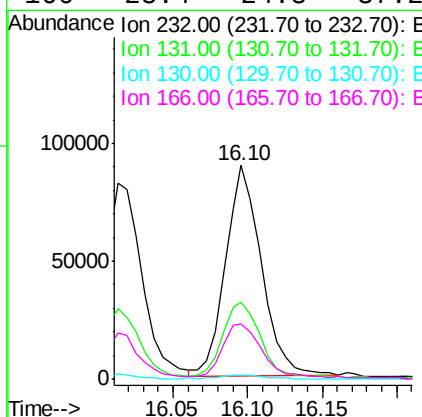
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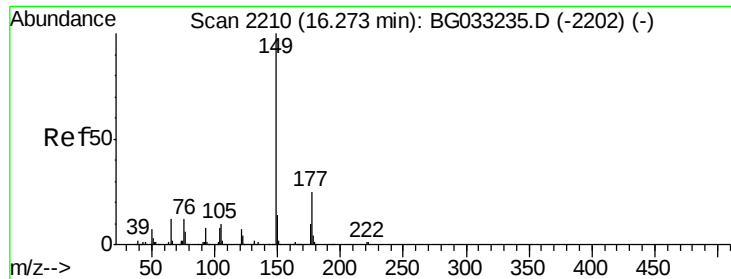
Sohil
 3/29/2018 5:39:04 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.265 ng
 RT: 16.10 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.3	33.5	50.3
130	2.3	2.2	3.2
166	28.4	24.8	37.2





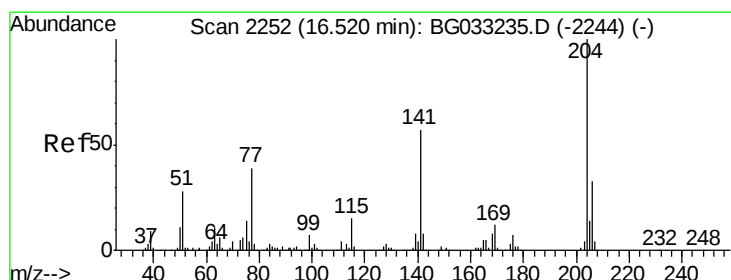
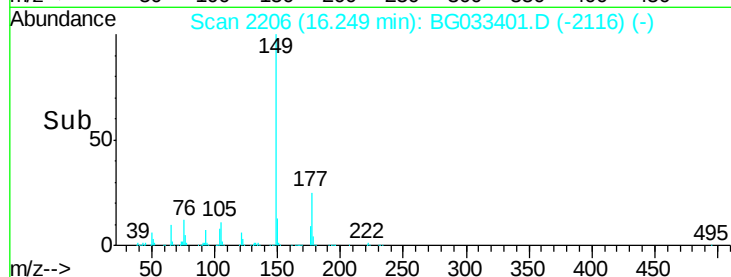
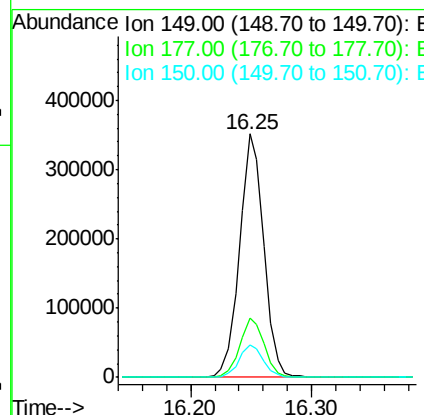
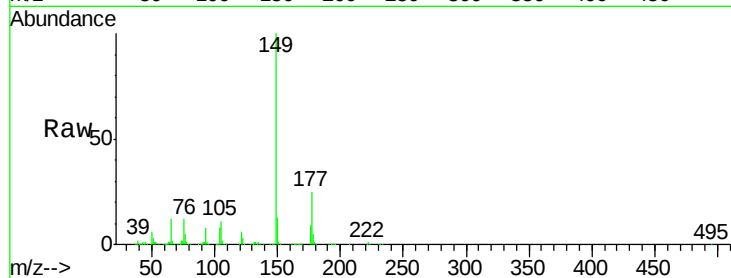
#59
Diethylphthalate
Concen: 47.138 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	490583		
177	24.6		18.5	27.7
150	13.5		10.2	15.2

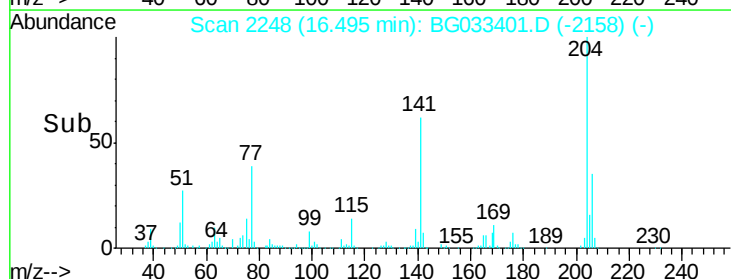
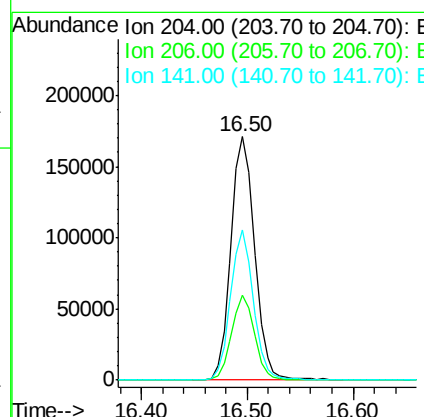
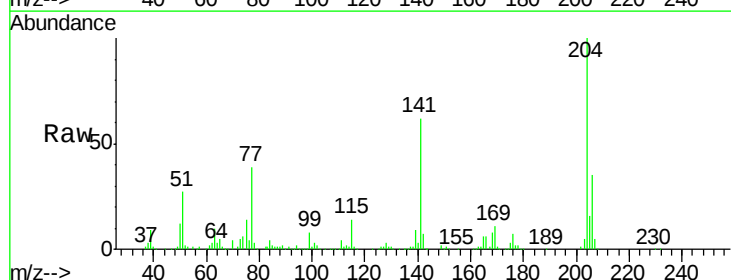
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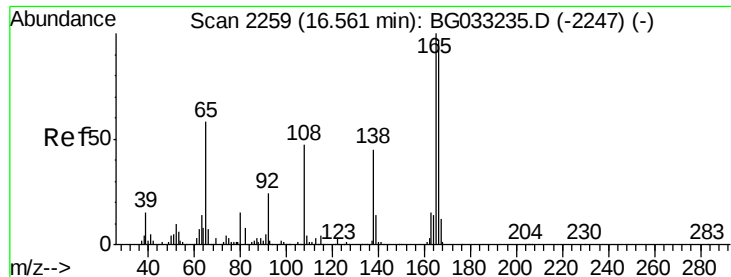
Sohil
3/29/2018 5:39:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.850 ng
RT: 16.50 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	266050		
206	35.0		26.2	39.2
141	61.7		45.8	68.6





#61

4-Nitroaniline

Concen: 41.880 ng

RT: 16.54 min Scan# 2255

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

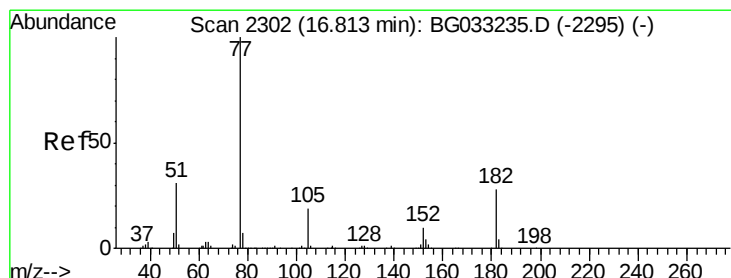
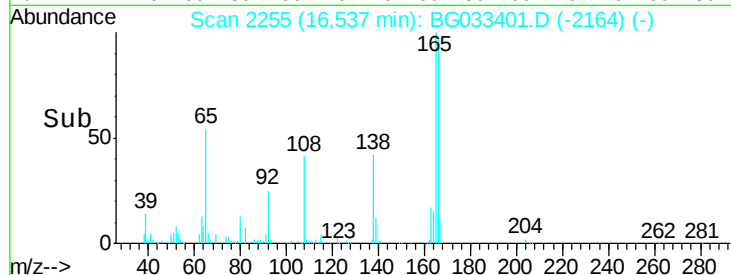
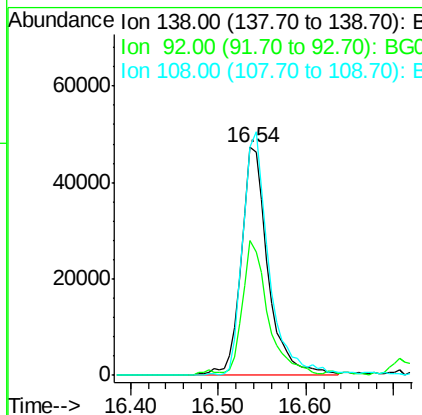
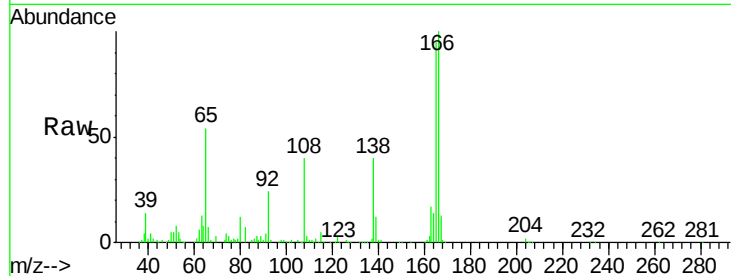
ClientSampleId :

PB107692BS

Tot Ion:	138	Resp:	97441
Ion Ratio	Lower	Upper	
138	100		
92	59.3	40.1	80.1
108	100.0	65.4	105.4

Manual Integrations
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3/29/2018 5:39:04 PM



#62

Azobenzene

Concen: 46.650 ng

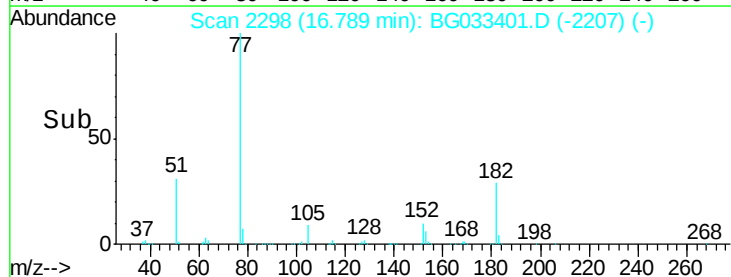
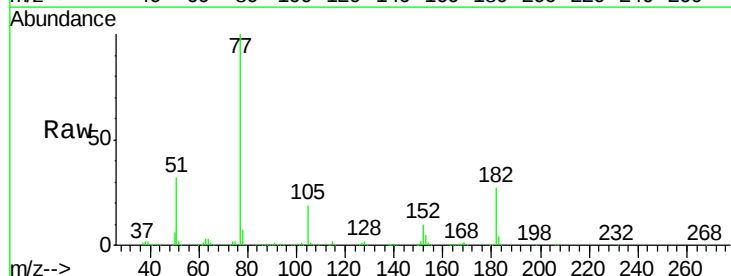
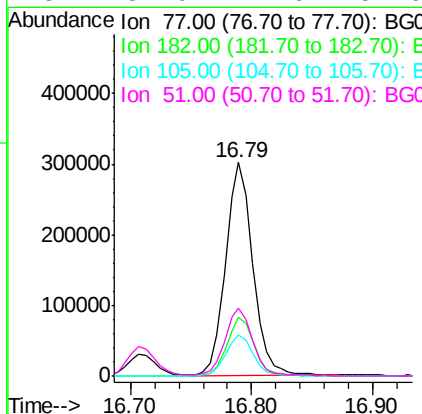
RT: 16.79 min Scan# 2298

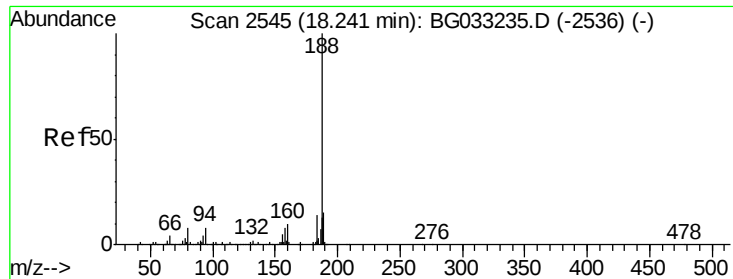
Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Tgt Ion:	77	Resp:	470305
Ion Ratio	Lower	Upper	
77	100		
182	27.5	7.4	47.4
105	19.1	0.3	40.3
51	32.0	11.6	51.6





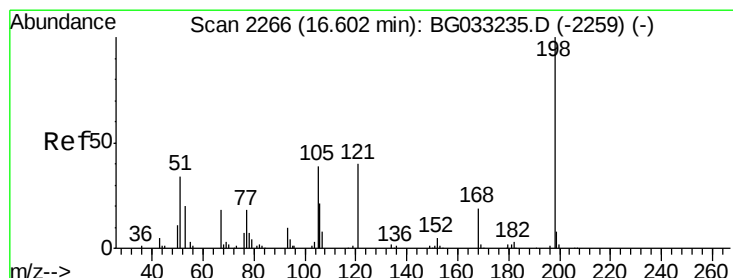
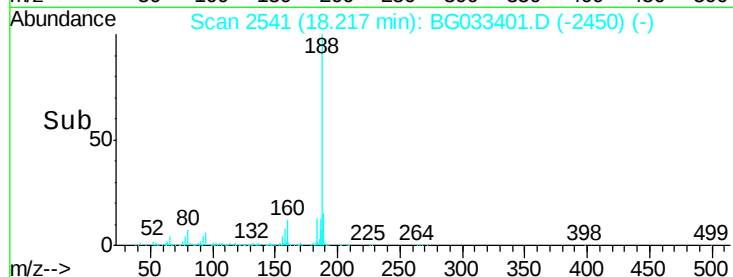
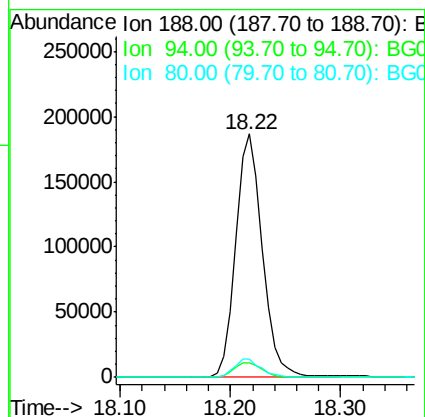
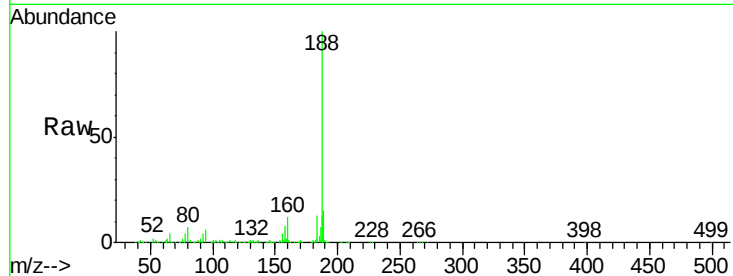
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.22 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.5	7.7	11.5#

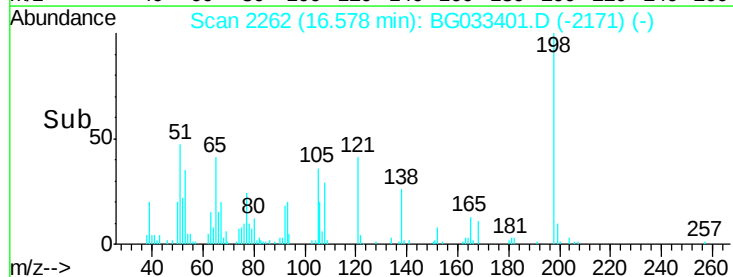
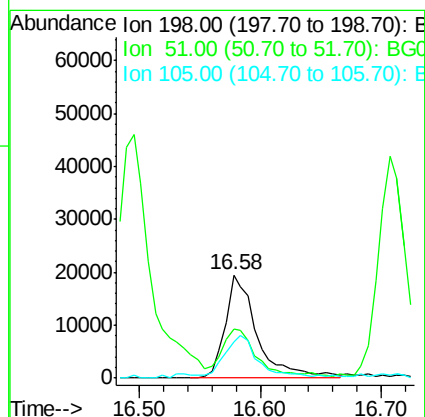
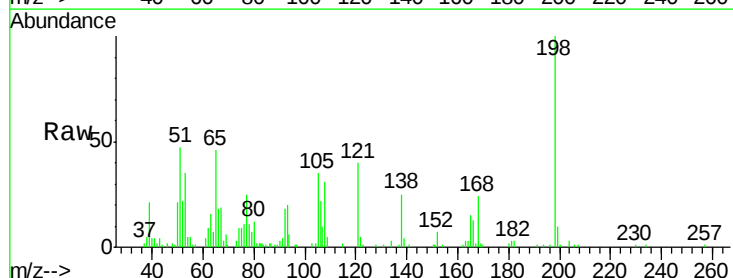
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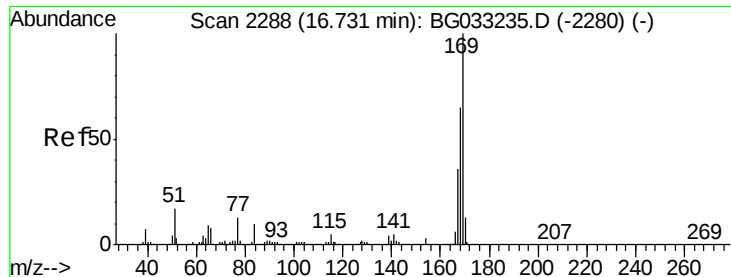
Sohil
3/29/2018 5:39:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 18.869 ng
RT: 16.58 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	47.3	30.6	70.6
105	34.9	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 48.060 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

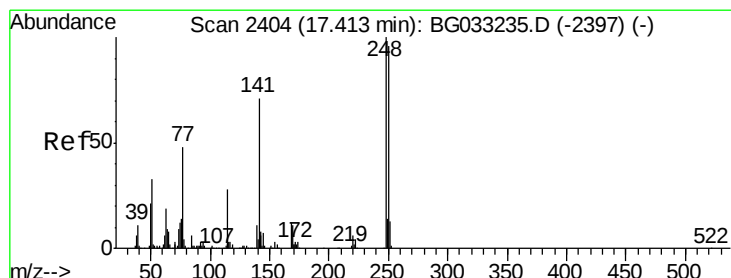
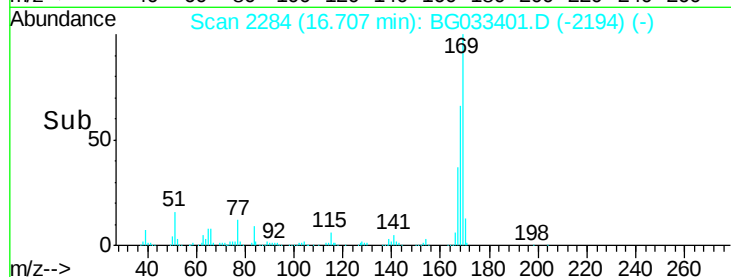
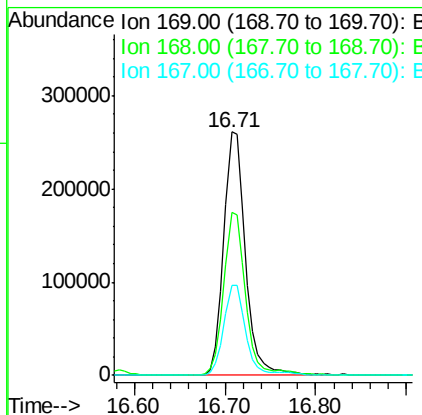
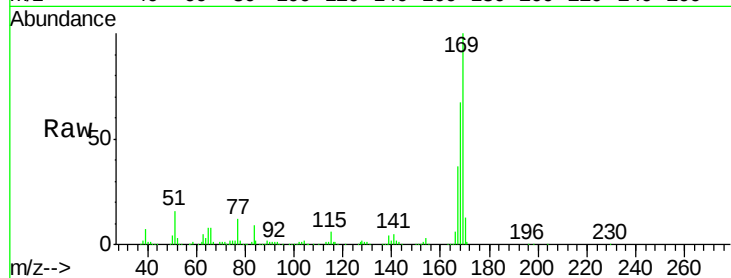
ClientSampleId :

PB107692BS

Tot Ion:	169	Resp:	434805
Ion Ratio	Lower	Upper	
169	100		
168	66.7	55.7	83.5
167	37.1	30.1	45.1

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3/29/2018 5:39:04 PM



#66

4-Bromophenyl-phenylether

Concen: 49.232 ng

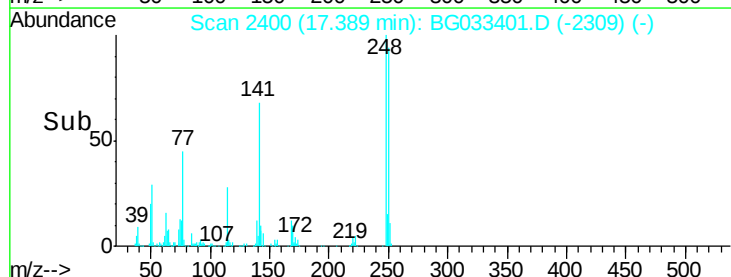
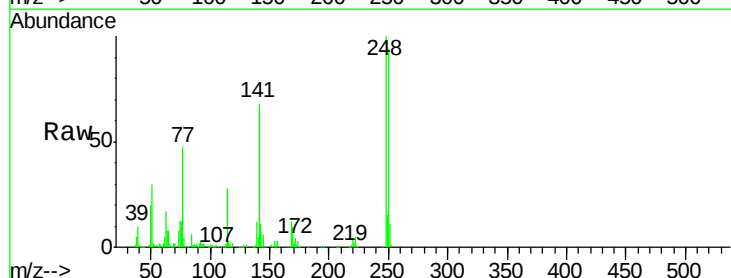
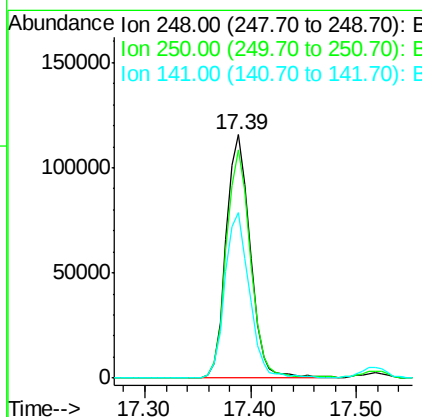
RT: 17.39 min Scan# 2400

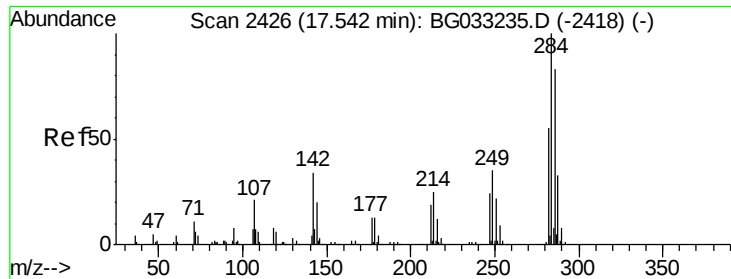
Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Tgt Ion:	248	Resp:	183228
Ion Ratio	Lower	Upper	
248	100		
250	94.0	77.1	115.7
141	67.8	50.8	76.2





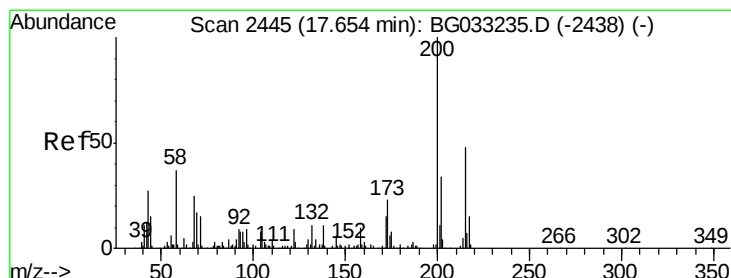
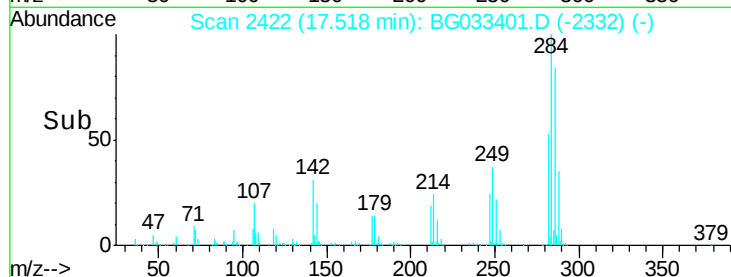
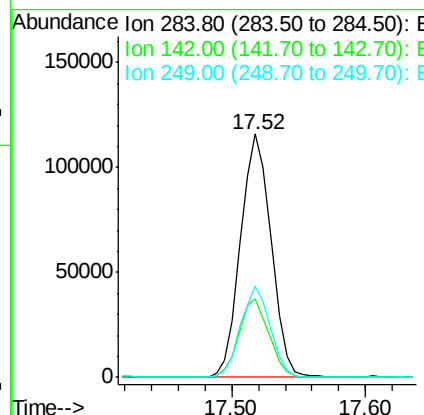
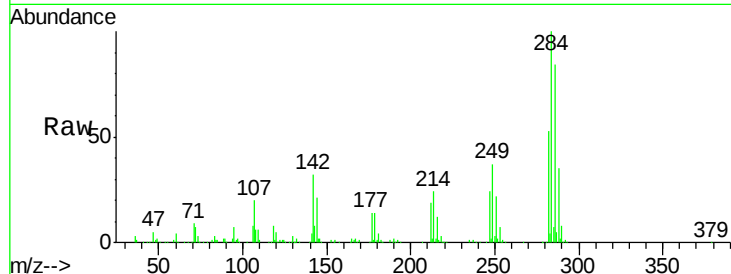
#67
Hexachlorobenzene
Concen: 46.891 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	184176		
142	32.2	26.8	40.2	
249	37.5	26.3	39.5	

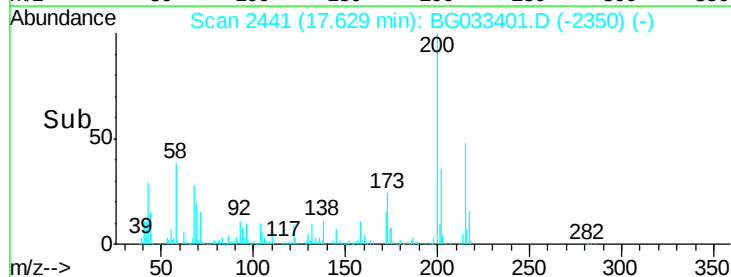
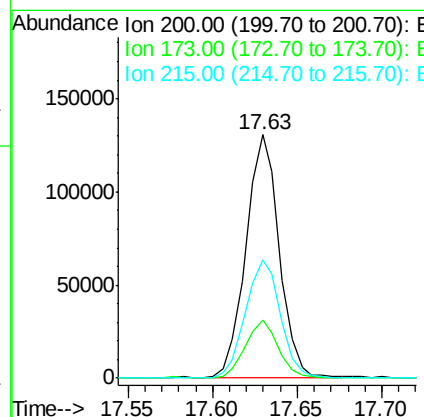
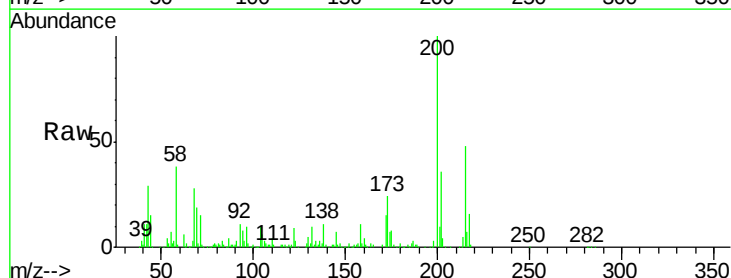
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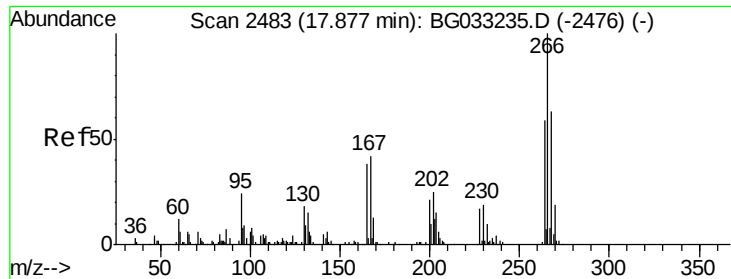
Sohil
3/29/2018 5:39:04 PM



#68
Atrazine
Concen: 48.867 ng
RT: 17.63 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	179147		
173	23.9	5.2	45.2	
215	48.3	30.4	70.4	





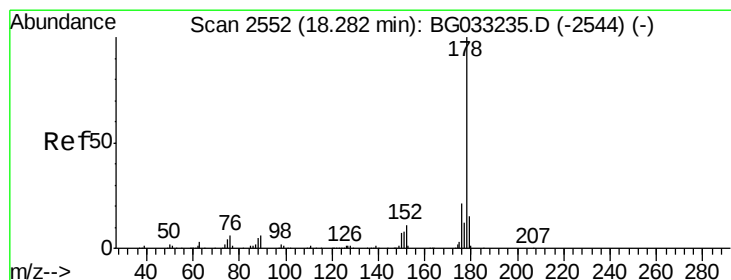
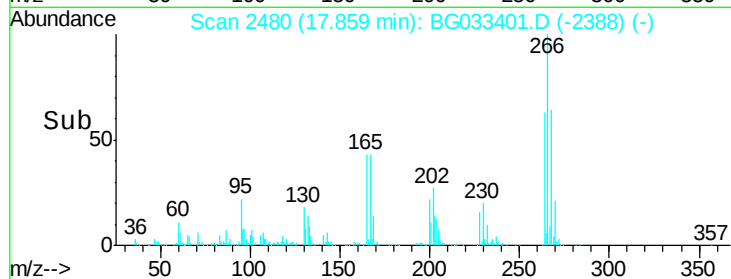
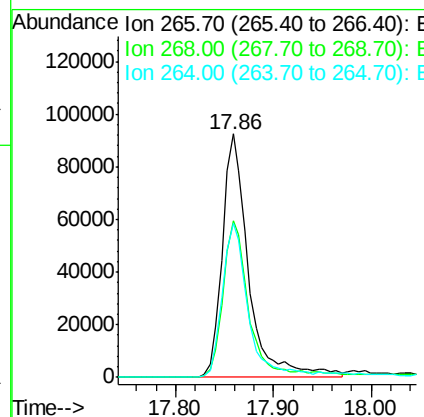
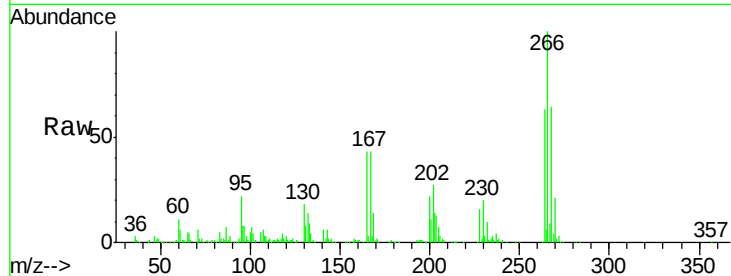
#69
 Pentachlorophenol
 Concen: 64.194 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. 0.01 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	63.2	49.6	74.4

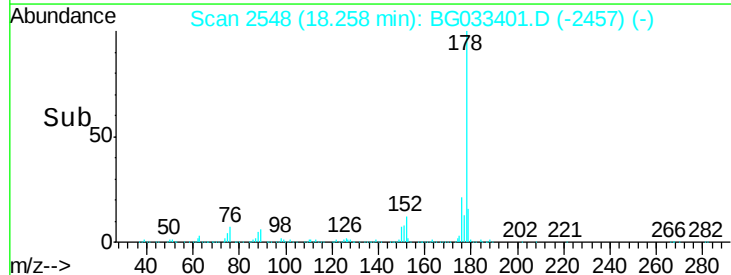
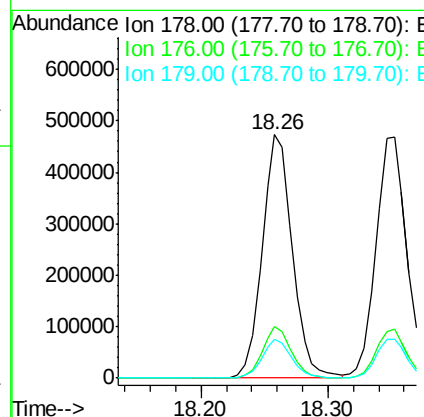
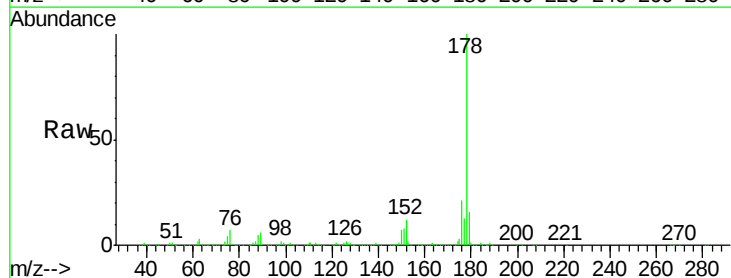
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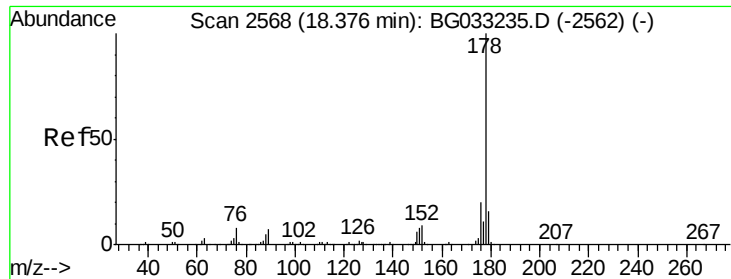
Sohil
 3/29/2018 5:39:04 PM



#70
 Phenanthrene
 Concen: 47.333 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	16.0	12.5	18.7





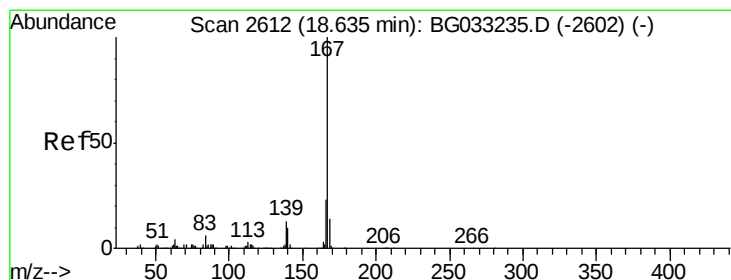
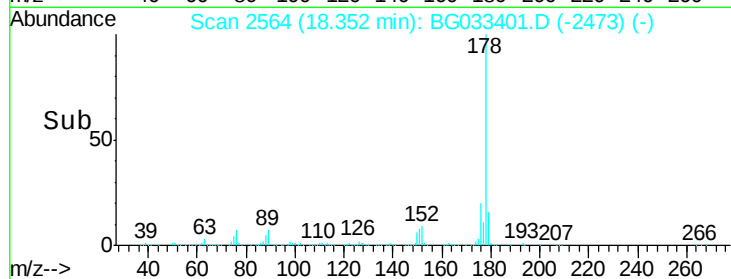
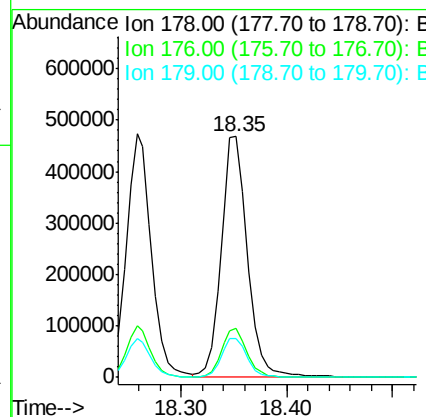
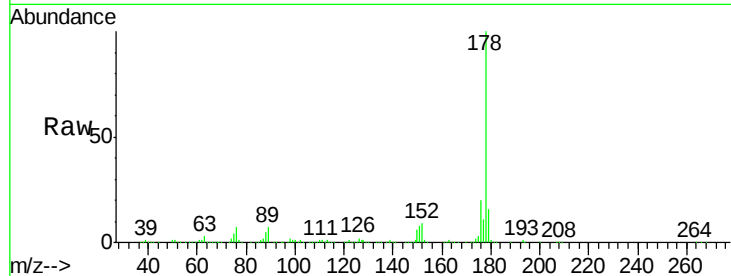
#71
 Anthracene
 Concen: 48.070 ng
 RT: 18.35 min Scan# 2564
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.3	12.5	18.7

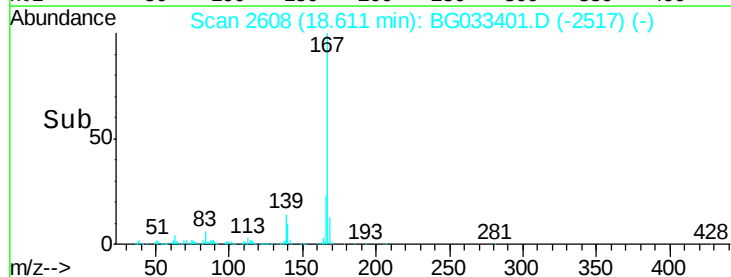
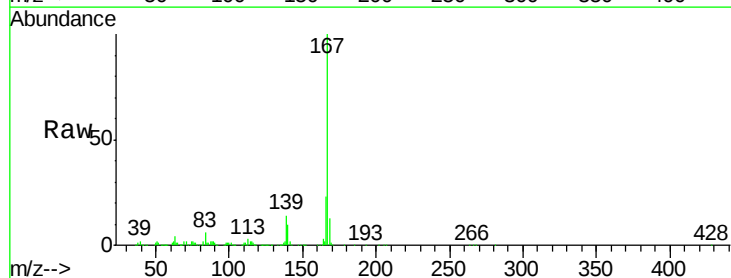
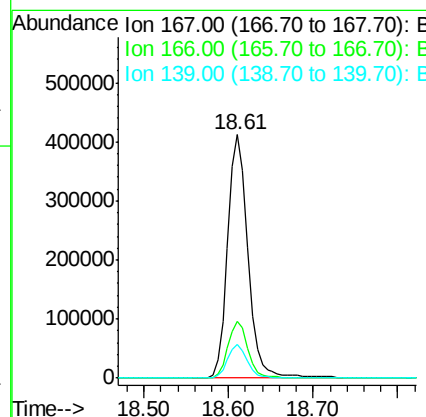
Manual Integrations
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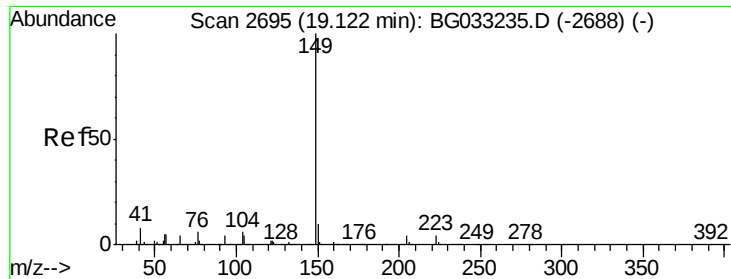
Sohil
 3/29/2018 5:39:04 PM



#72
 Carbazole
 Concen: 46.354 ng
 RT: 18.61 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	13.8	9.4	14.2





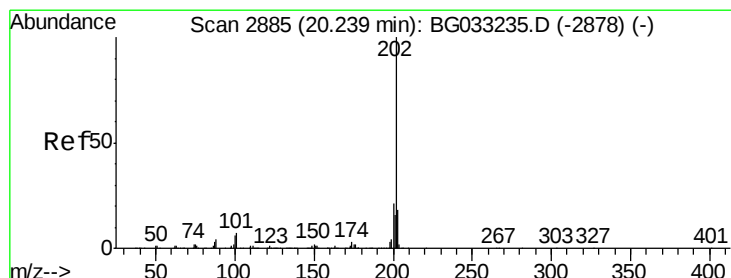
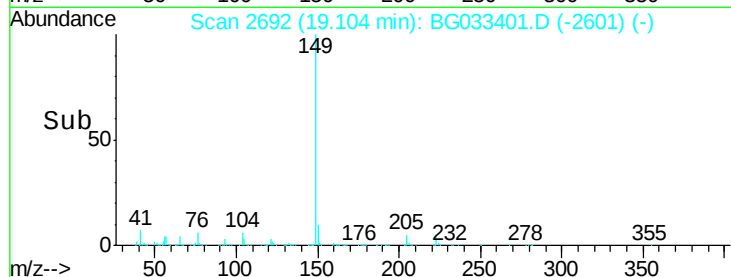
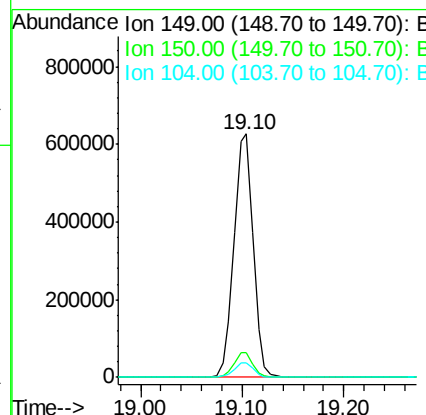
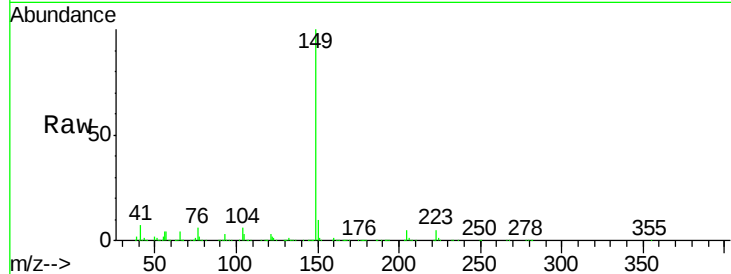
#73
Di-n-butylphthalate
Concen: 47.872 ng
RT: 19.10 min Scan# 2692
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.9	7.8	11.6	
104	6.1	3.9	5.9	

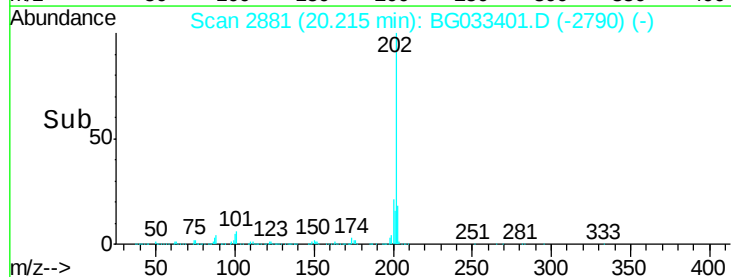
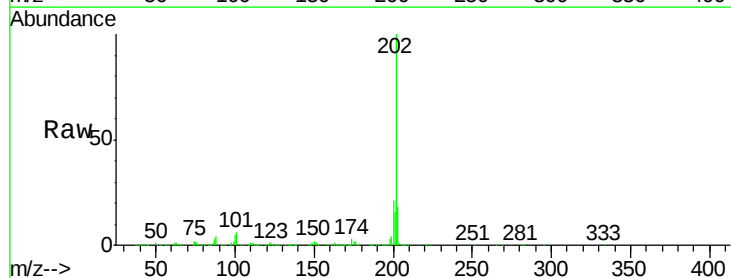
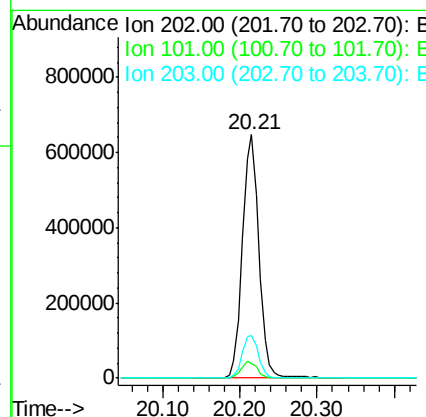
Manual Integrations
APPROVED

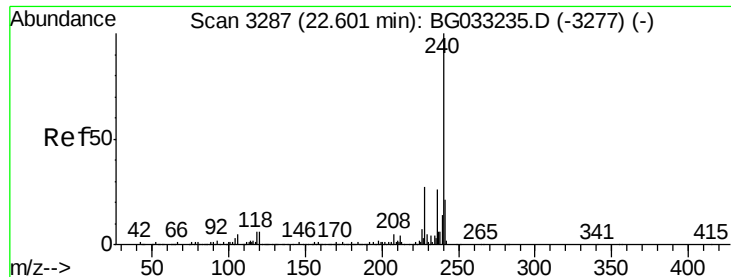
Sohil
3/29/2018 5:39:04 PM



#74
Fluoranthene
Concen: 47.691 ng
RT: 20.21 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	6.1	0.0	28.9	
203	17.8	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3281

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

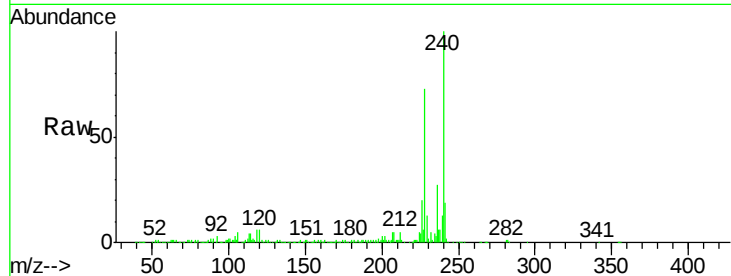
ClientSampleId :

PB107692BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	26.7	20.9	31.3

Manual Integrations
APPROVED

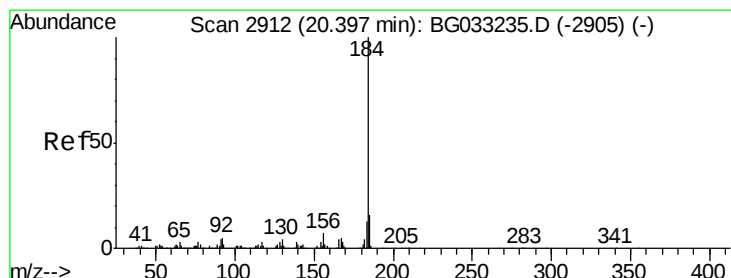
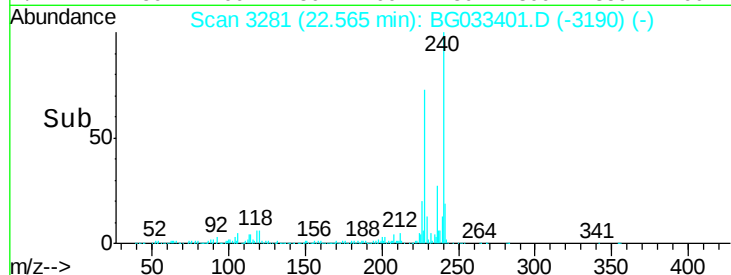
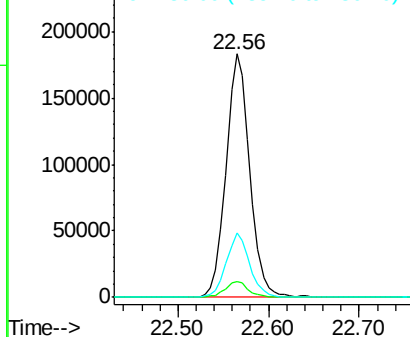
Sohil
3/29/2018 5:39:04 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.260 ng

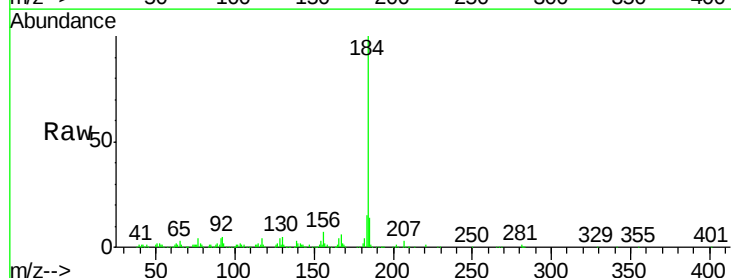
RT: 20.37 min Scan# 2908

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

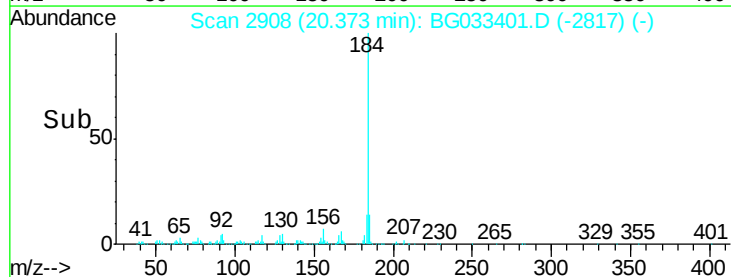
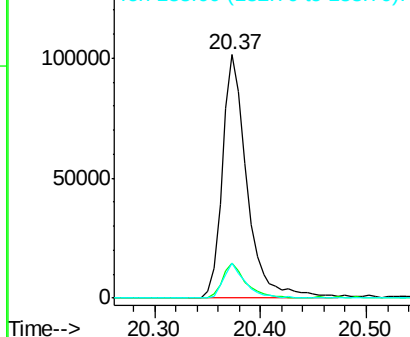
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	14.5	10.6	16.0

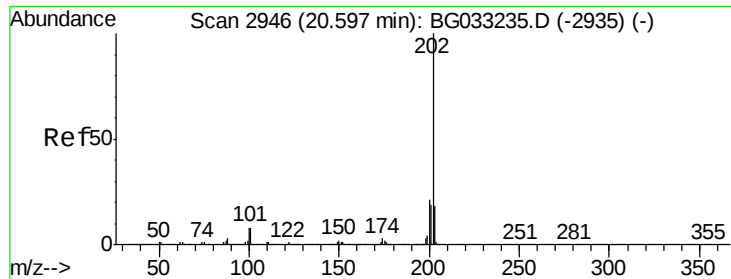


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





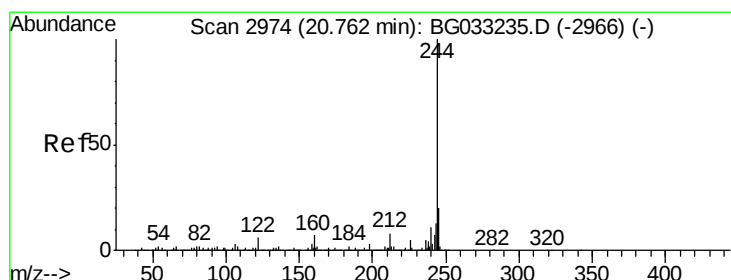
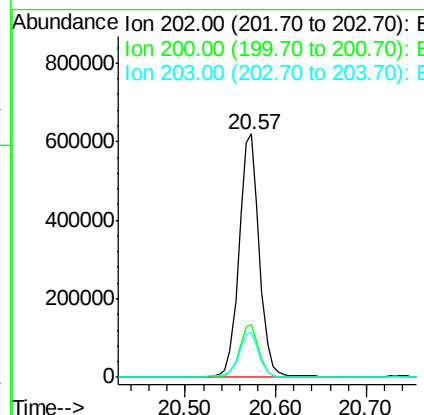
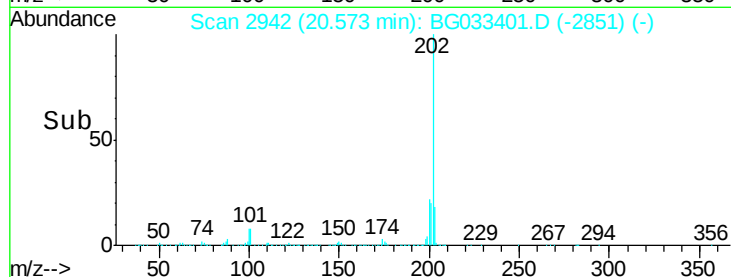
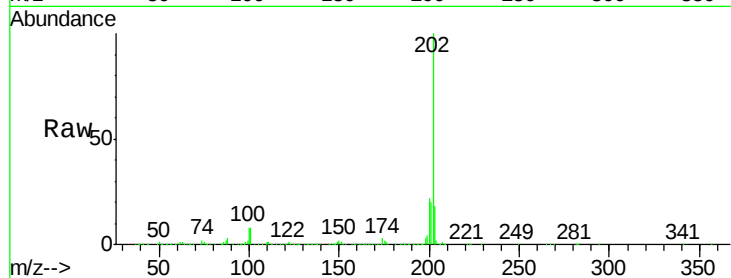
#77
Pvrene
Concen: 43.444 ng
RT: 20.57 min Scan# 2942
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.5	13.9	20.9

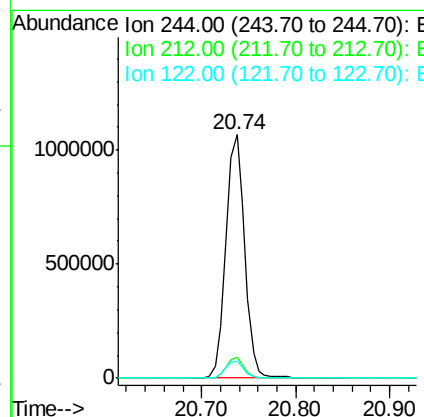
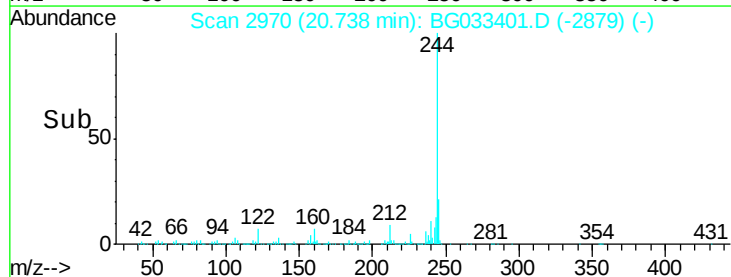
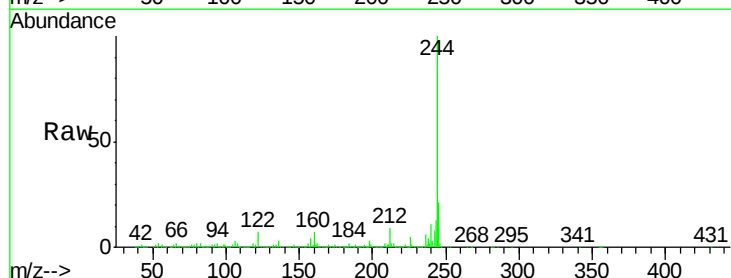
Manual Integrations
APPROVED

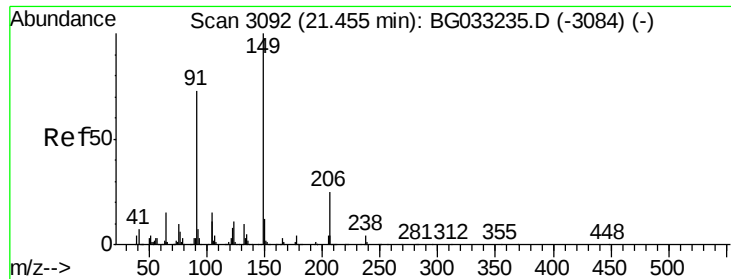
Sohil
3/29/2018 5:39:04 PM



#78
Terphenyl-d14
Concen: 96.185 ng
RT: 20.74 min Scan# 2970
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.2	7.0	10.4





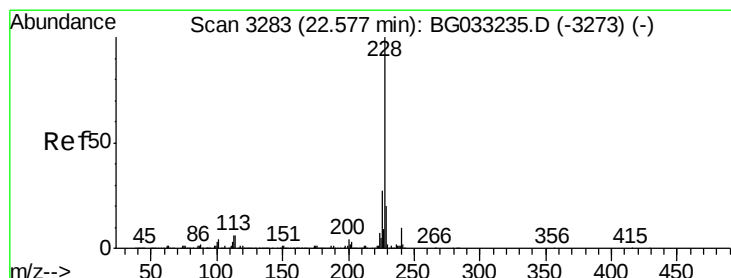
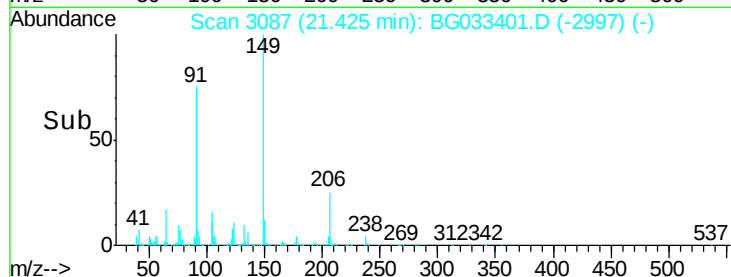
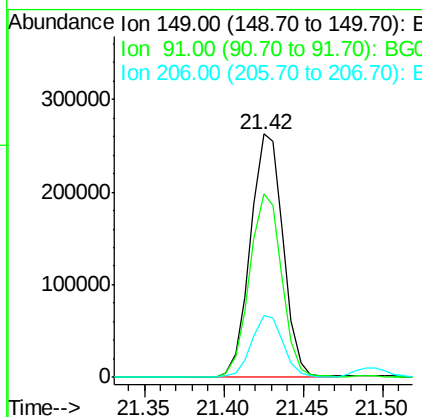
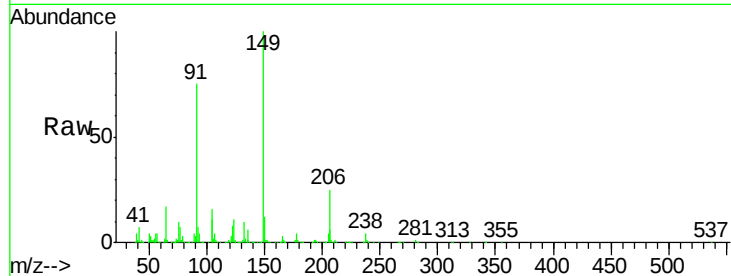
#79
Butylbenzylphthalate
Concen: 46.097 ng
RT: 21.42 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	62.2	93.2
206	25.3	18.6	27.8

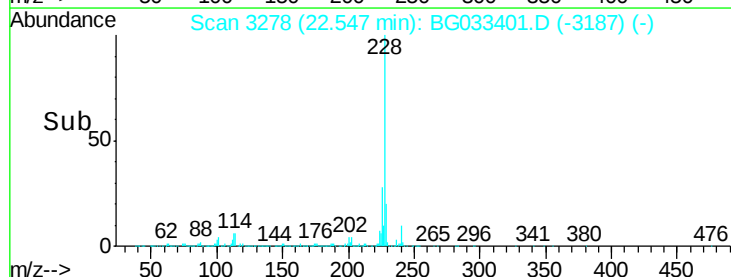
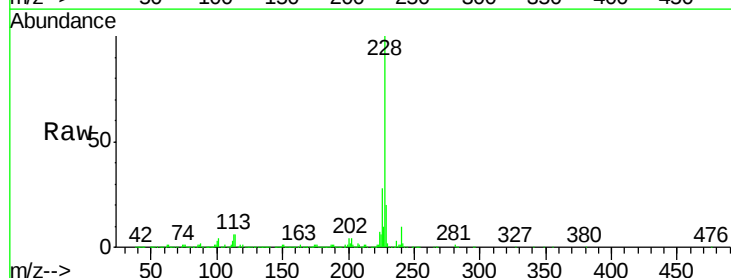
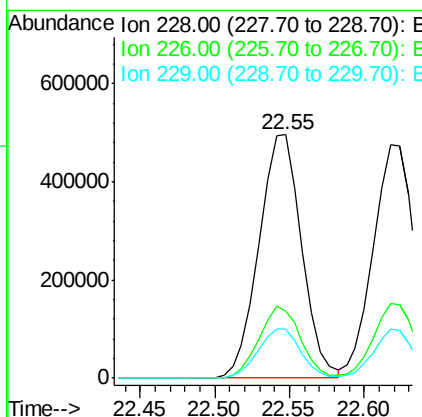
Manual Integrations
APPROVED

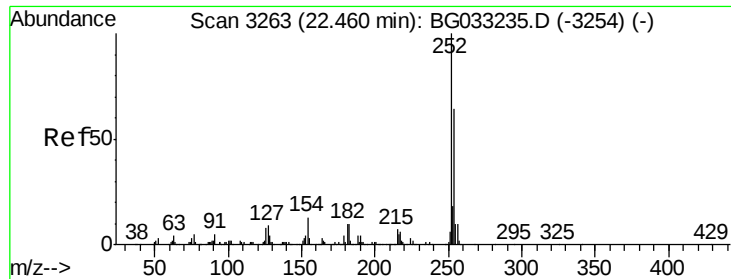
Sohil
3/29/2018 5:39:04 PM



#80
Benzo(a)anthracene
Concen: 46.490 ng
RT: 22.55 min Scan# 3278
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.7	34.1
229	20.0	16.2	24.2





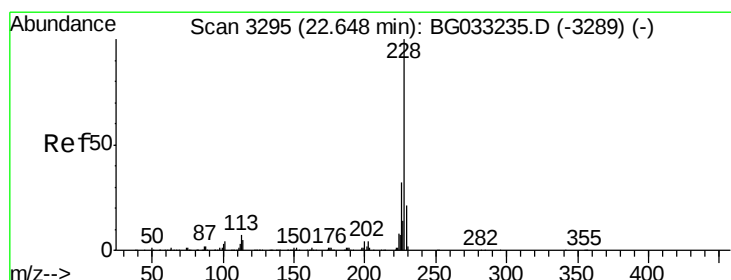
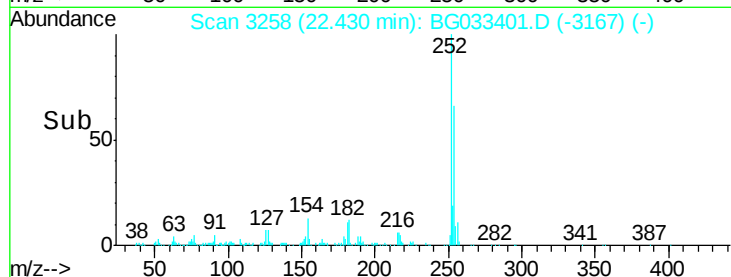
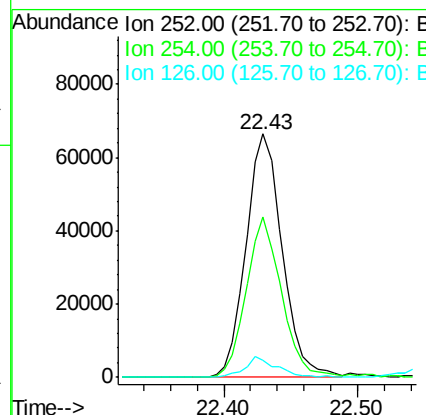
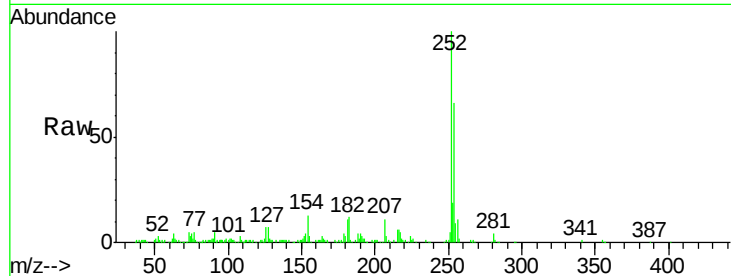
#81
 3,3'-Dichlorobenzidine
 Concen: 16.547 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.8	76.2
126	6.8	7.4	11.2

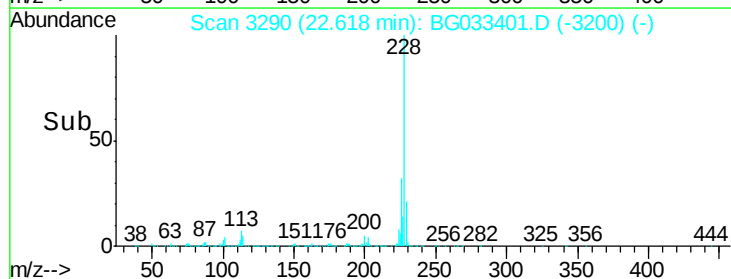
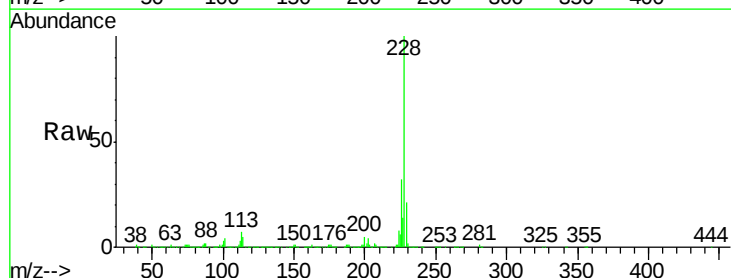
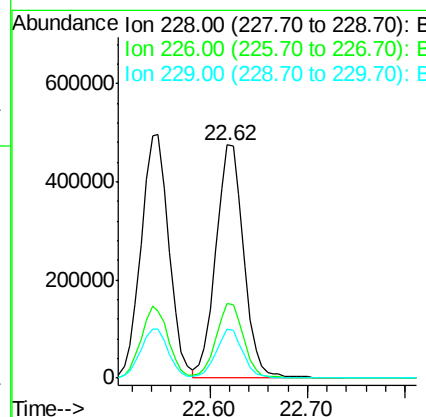
Manual Integrations
 APPROVED

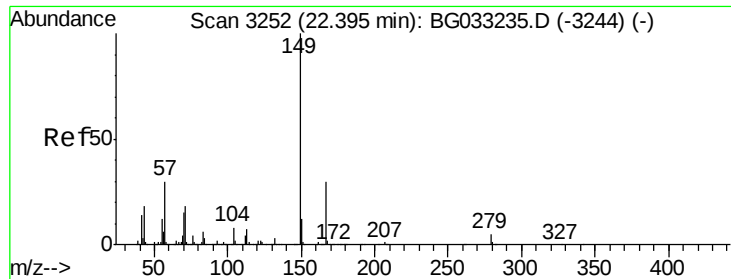
Sohil
 3/29/2018 5:39:04 PM



#82
 Chrysene
 Concen: 45.826 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	21.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.084 ng

RT: 22.37 min Scan# 3247

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

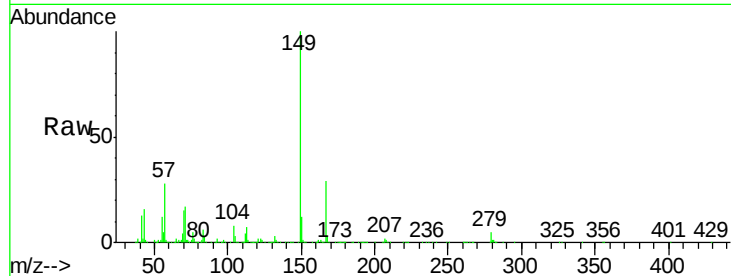
ClientSampleId :

PB107692BS

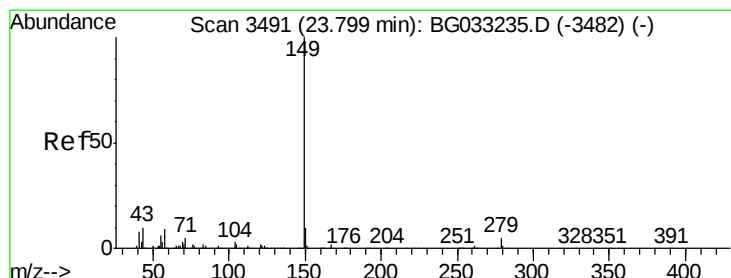
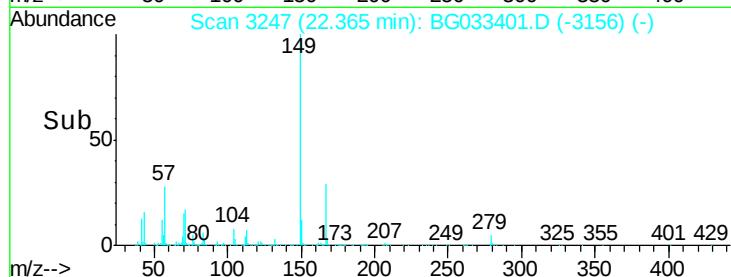
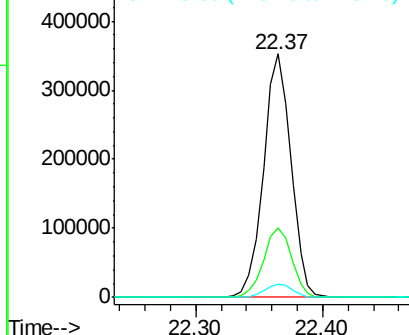
Tot Ion:	149	Resp:	529919
Ion Ratio	Lower	Upper	
149	100		
167	28.6	24.3	36.5
279	5.2	4.0	6.0

Manual Integrations
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Sohil
3/29/2018 5:39:04 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.694 ng

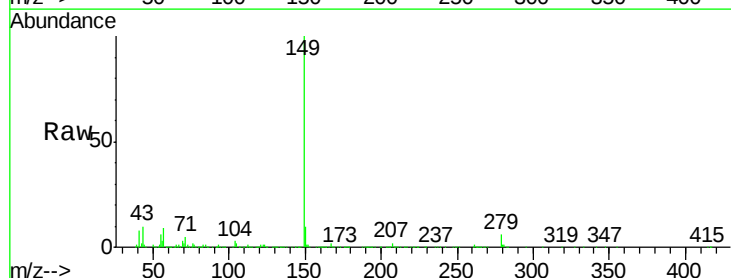
RT: 23.76 min Scan# 3485

Delta R.T. 0.00 min

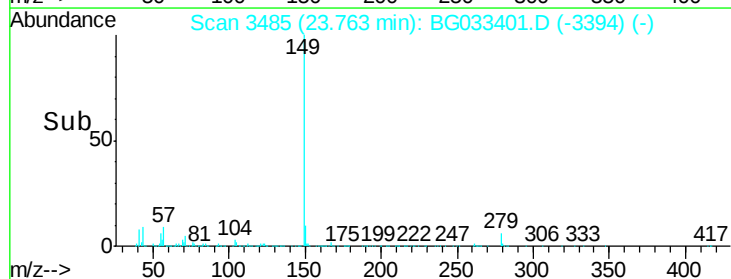
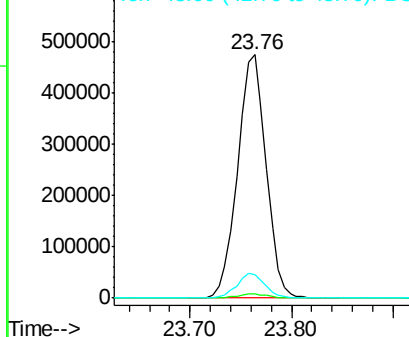
Lab File: BG033401.D

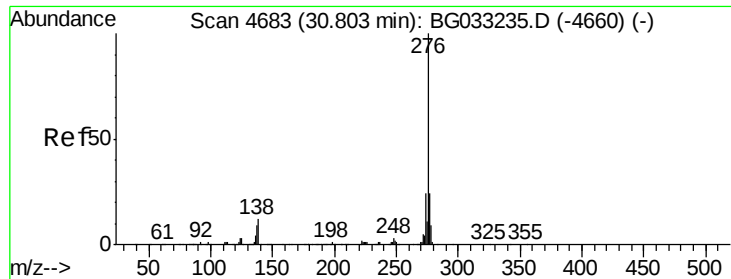
Acq: 29 Mar 2018 00:37

Tgt Ion:	149	Resp:	925272
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	9.9	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGO





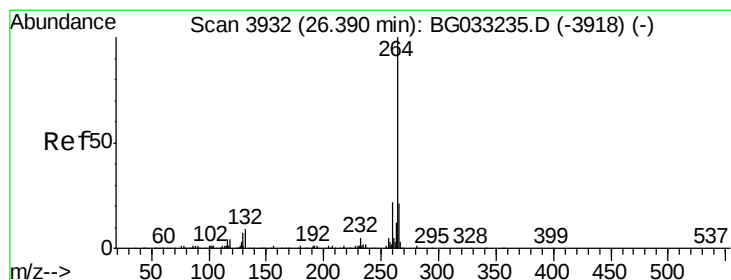
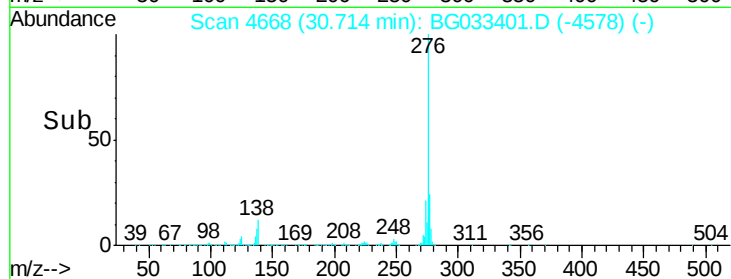
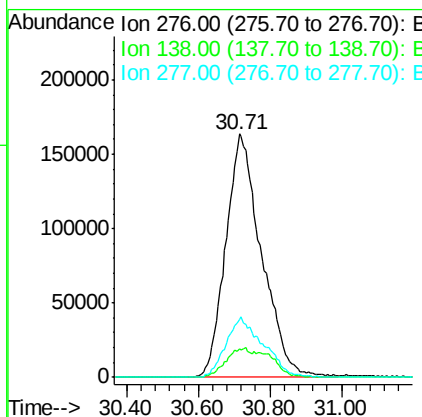
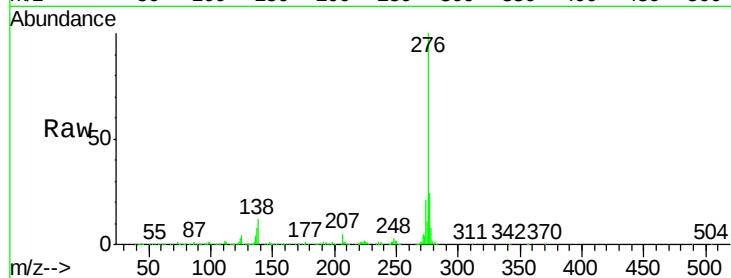
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.378 ng
RT: 30.71 min Scan# 4668
Delta R.T. -0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Instrument :
BNA_G
ClientSampleId :
PB107692BS

Tot Ion:276 Resp: 1135816
Ion Ratio Lower Upper
276 100
138 8.3 16.0 24.0#
277 25.8 20.0 30.0

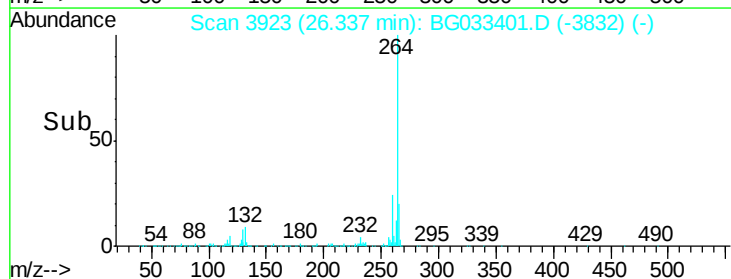
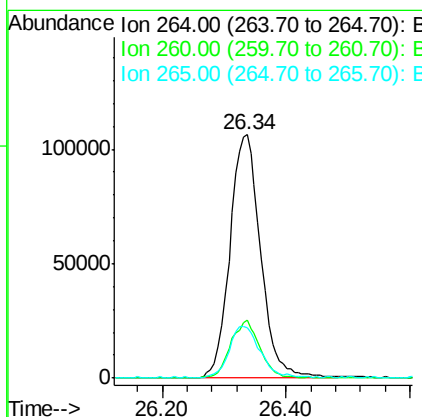
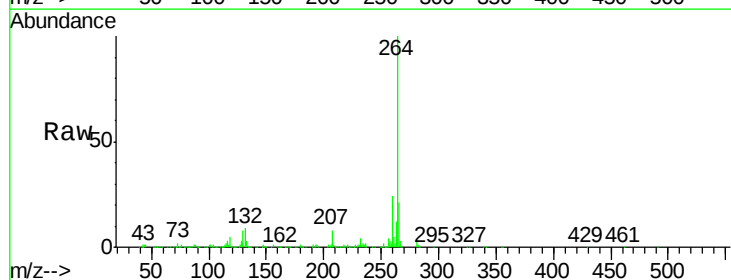
Manual Integrations
APPROVED

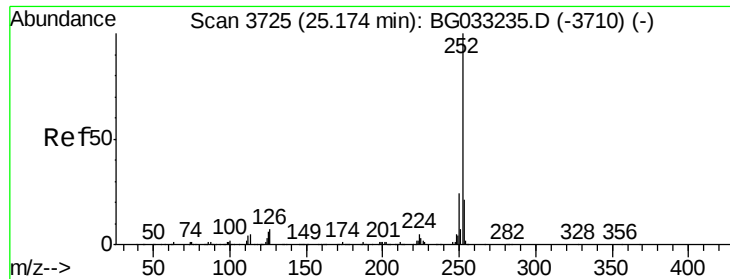
Sohil
3/29/2018 5:39:04 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. 0.00 min
Lab File: BG033401.D
Acq: 29 Mar 2018 00:37

Tgt Ion:264 Resp: 366776
Ion Ratio Lower Upper
264 100
260 23.8 17.4 26.0
265 20.9 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 46.458 ng

RT: 25.12 min Scan# 3716

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

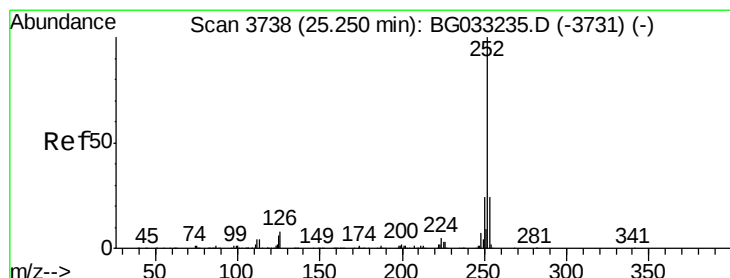
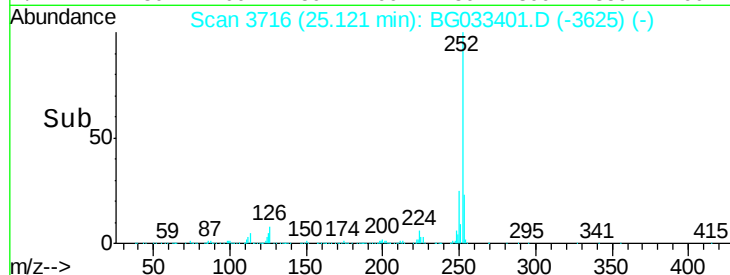
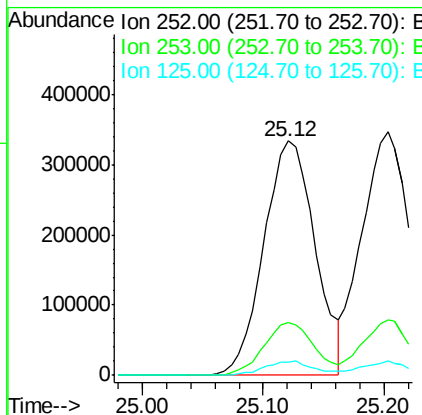
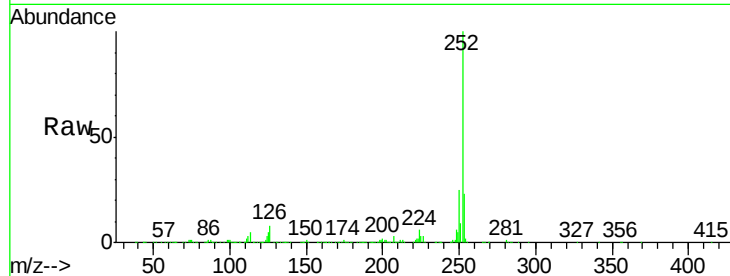
ClientSampleId :

PB107692BS

Tot Ion:	252	Resp:	984468
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.4
125	5.4	7.2	10.8#

Manual Integrations
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Sohil
3/29/2018 5:39:04 PM



#88

Benzo(k)fluoranthene

Concen: 46.087 ng

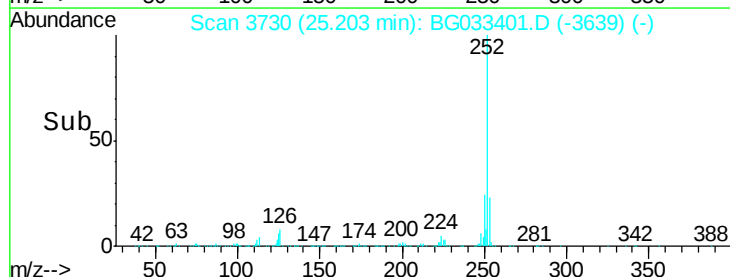
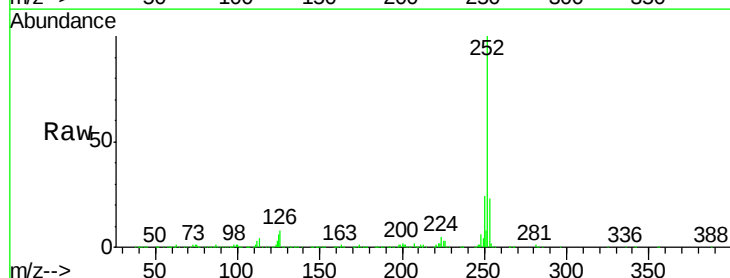
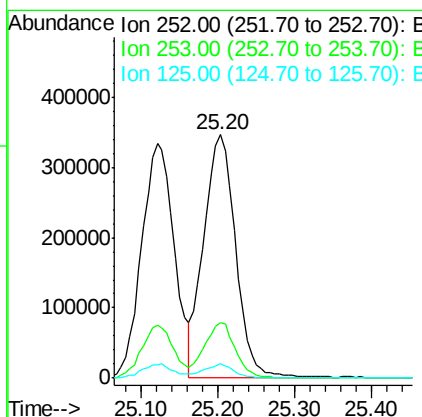
RT: 25.20 min Scan# 3730

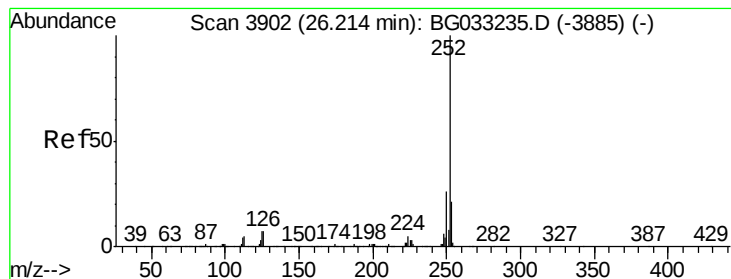
Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Tgt Ion:	252	Resp:	987720
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	5.7	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 48.114 ng

RT: 26.15 min Scan# 3892

Delta R.T. 0.00 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Instrument :

BNA_G

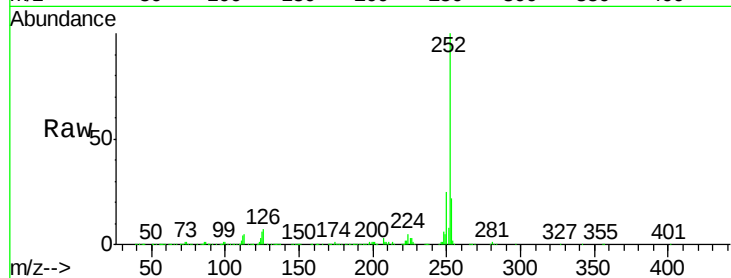
ClientSampleId :

PB107692BS

Tot Ion:	252	Resp:	979117
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.3	27.5
125	6.5	7.3	10.9#

Manual Integrations
APPROVED

Sohil
3/29/2018 5:39:04 PM



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

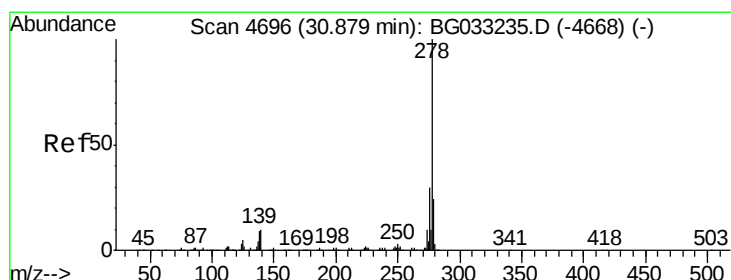
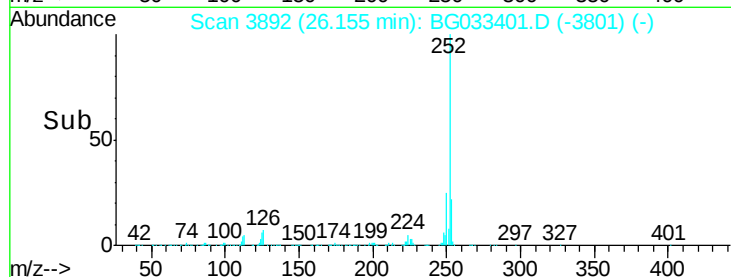
300000

200000

100000

0

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 49.214 ng

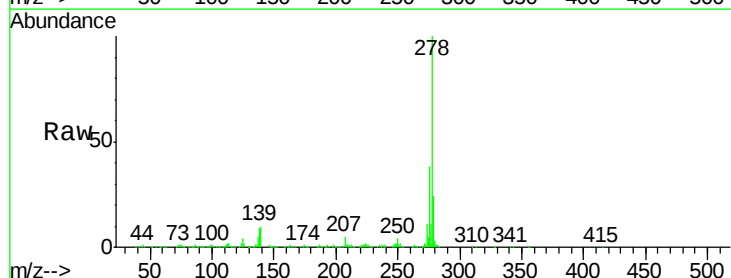
RT: 30.79 min Scan# 4681

Delta R.T. 0.01 min

Lab File: BG033401.D

Acq: 29 Mar 2018 00:37

Tgt Ion:	278	Resp:	943371
Ion Ratio	Lower	Upper	
278	100		
139	10.2	9.8	14.6
279	24.4	18.4	27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

250000

200000

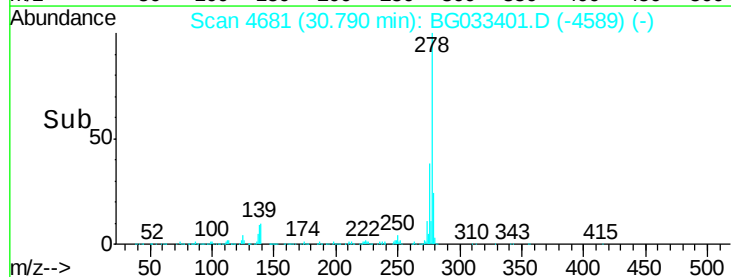
150000

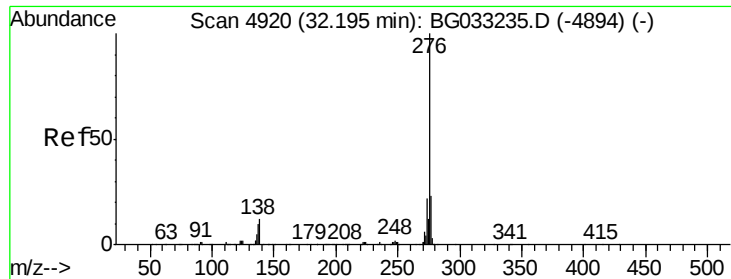
100000

50000

0

Time-->





#91
 Benzo(a,h,i)perylene
 Concen: 48.906 ng
 RT: 32.10 min Scan# 4904
 Delta R.T. 0.01 min
 Lab File: BG033401.D
 Acq: 29 Mar 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	12.3	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:39:04 PM

