

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033626.D
 Acq On : 6 Apr 2018 12:29
 Operator : SJ/JU
 Sample : PB107995BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

Manual Integrations
 APPROVED

Sohil
 4/6/2018 5:28:10 PM

Quant Time: Apr 06 13:06:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	43211	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	191799	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	134637	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	337280	20.00	ng	0.00
75) Chrysene-d12	22.56	240	324800	20.00	ng	0.00
86) Perylene-d12	26.32	264	349104	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	271899	117.99	ng	0.00
7) Phenol-d6	7.98	99	412027	104.06	ng	0.00
23) Nitrobenzene-d5	10.07	82	391380	93.75	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	162471	80.68	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	893607	95.82	ng	0.00
78) Terphenyl-d14	20.73	244	1348511	88.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.91	88	44736	38.227	ng	91
3) Pyridine	4.38	79	128484	39.716	ng	95
4) n-Nitrosodimethylamine	4.29	42	67058	50.510	ng	# 93
6) Aniline	8.16	93	47532	10.208	ng	# 83
8) 2-Chlorophenol	8.41	128	140267	53.243	ng	95
9) Benzaldehyde	7.96	77	44952m	17.864	ng	
10) Phenol	8.00	94	202144	51.709	ng	92
11) bis(2-Chloroethyl)ether	8.24	93	141754	44.425	ng	97
12) 1,3-Dichlorobenzene	8.74	146	142989	41.515	ng	95
13) 1,4-Dichlorobenzene	8.90	146	138236	40.075	ng	97
14) 1,2-Dichlorobenzene	9.23	146	144261	42.851	ng	97
15) Benzyl Alcohol	9.10	79	144313	46.292	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	255489	49.116	ng	88
17) 2-Methylphenol	9.30	107	126406	47.466	ng	95
18) Hexachloroethane	9.98	117	57356	43.082	ng	96
19) n-Nitroso-di-n-propylamine	9.67	70	130065	44.829	ng	98
20) 3+4-Methylphenols	9.64	107	178803	47.156	ng	92
22) Acetophenone	9.70	105	220322	41.929	ng	# 96
24) Nitrobenzene	10.11	77	191163	42.781	ng	95
25) Isophorone	10.62	82	356086	43.949	ng	98
26) 2-Nitrophenol	10.84	139	75758	44.782	ng	94
27) 2,4-Dimethylphenol	10.86	122	137434	55.923	ng	90
28) bis(2-Chloroethoxy)methane	11.11	93	195394	48.333	ng	96
29) 2,4-Dichlorophenol	11.38	162	148969	49.290	ng	97
30) 1,2,4-Trichlorobenzene	11.59	180	153934	39.202	ng	97
31) Naphthalene	11.79	128	441101	44.381	ng	98
32) Benzoic acid	11.00	122	44588	19.517	ng	88
33) 4-Chloroaniline	11.90	127	34201	7.681	ng	98
34) Hexachlorobutadiene	12.05	225	108477	36.531	ng	91
35) Caprolactam	12.64	113	49933	42.172	ng	# 84
36) 4-Chloro-3-methylphenol	12.96	107	183117	46.455	ng	94
37) 2-Methylnaphthalene	13.34	142	334261	43.329	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	205417	42.120	ng	97
40) Hexachlorocyclopentadiene	13.67	237	199286	69.706	ng	93

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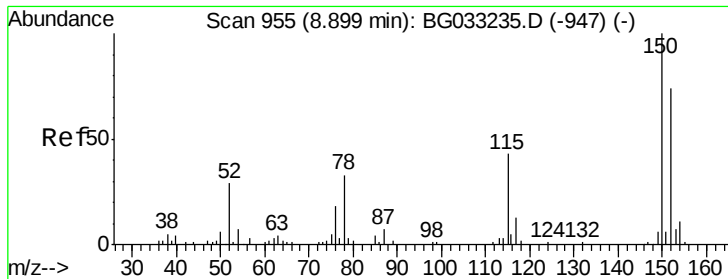
Manual Integrations
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Sohil
 4/6/2018 5:28:10 PM

Quant Time: Apr 06 13:06:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	124479	43.931	nq	96
43) 2,4,5-Trichlorophenol	14.01	196	141830	42.348	nq	97
45) 1,1'-Biphenyl	14.32	154	460225	44.493	nq	96
46) 2-Chloronaphthalene	14.38	162	346954	43.502	nq	95
47) 2-Nitroaniline	14.57	65	142536	47.714	nq	90
48) Acenaphthylene	15.21	152	568305	42.688	nq	98
49) Dimethylphthalate	14.91	163	479096	40.889	nq	99
50) 2,6-Dinitrotoluene	15.04	165	104730	43.714	nq	92
51) Acenaphthene	15.54	154	382047	44.517	nq	98
52) 3-Nitroaniline	15.38	138	41908	16.685	nq #	93
53) 2,4-Dinitrophenol	15.58	184	60776	51.949	nq #	75
54) Dibenzofuran	15.87	168	565594	44.617	nq	92
55) 4-Nitrophenol	15.66	139	150664	85.303	nq #	82
56) 2,4-Dinitrotoluene	15.82	165	149873	42.486	nq #	99
57) Fluorene	16.52	166	465118	43.068	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	146788	46.555	nq	96
59) Diethylphthalate	16.24	149	477336	41.954	nq	98
60) 4-Chlorophenyl-phenylether	16.49	204	250301	40.319	nq	94
61) 4-Nitroaniline	16.53	138	102310	40.223	nq	88
62) Azobenzene	16.78	77	492948	44.727	nq	96
64) 4,6-Dinitro-2-methylphenol	16.58	198	66449	32.933	nq	98
65) n-Nitrosodiphenylamine	16.70	169	421022	43.725	nq	99
66) 4-Bromophenyl-phenylether	17.38	248	163244	41.212	nq #	92
67) Hexachlorobenzene	17.51	284	166299	39.781	nq	93
68) Atrazine	17.62	200	170910	43.803	nq	95
69) Pentachlorophenol	17.85	266	180736	62.992	nq	93
70) Phenanthrene	18.25	178	753651	42.905	nq	100
71) Anthracene	18.34	178	779784	43.844	nq	99
72) Carbazole	18.60	167	690676	43.823	nq #	96
73) Di-n-butylphthalate	19.09	149	827973	45.135	nq #	97
74) Fluoranthene	20.21	202	919082	42.282	nq	98
76) Benzidine	20.37	184	183522	20.836	nq	97
77) Pyrene	20.56	202	931273	42.990	nq	99
79) Butylbenzylphthalate	21.42	149	381095	47.673	nq	97
80) Benzo(a)anthracene	22.54	228	904981	43.757	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	100755	13.690	nq #	98
82) Chrysene	22.62	228	873401	43.626	nq	98
83) Bis(2-ethylhexyl)phthalate	22.36	149	531165	48.202	nq	97
84) Di-n-octyl phthalate	23.75	149	917079	54.354	nq	99
85) Indeno(1,2,3-cd)pyrene	30.71	276	996812	46.052	nq #	88
87) Benzo(b)fluoranthene	25.11	252	881386	43.699	nq #	98
88) Benzo(k)fluoranthene	25.19	252	915803m	44.894	nq	
89) Benzo(a)pyrene	26.15	252	887175	45.803	nq	98
90) Dibenzo(a,h)anthracene	30.78	278	805287	44.137	nq	98
91) Benzo(g,h,i)perylene	32.07	276	809430	44.802	nq	99

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



#1

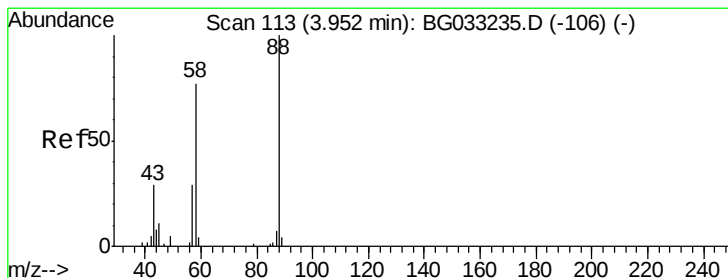
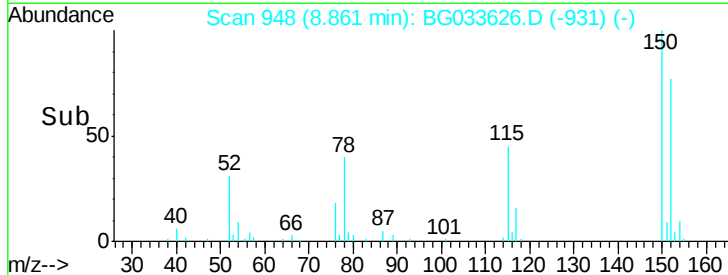
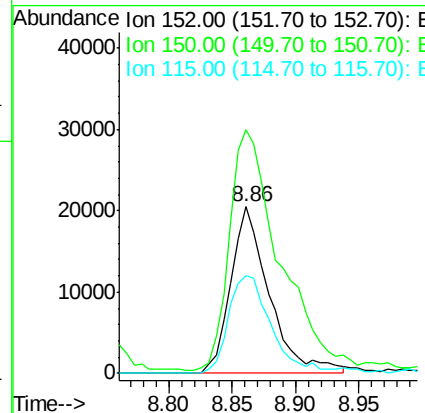
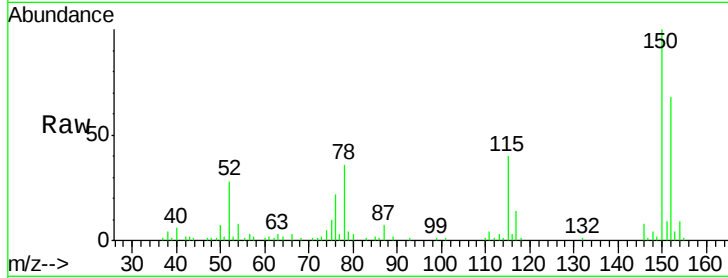
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	126.6	189.8
115	58.6	53.0	79.4

Manual Integrations
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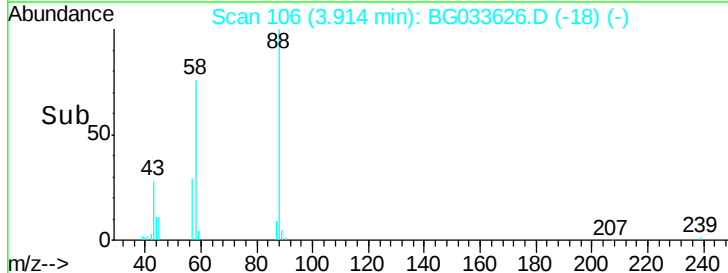
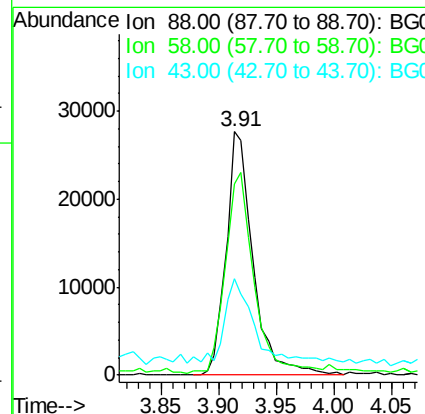
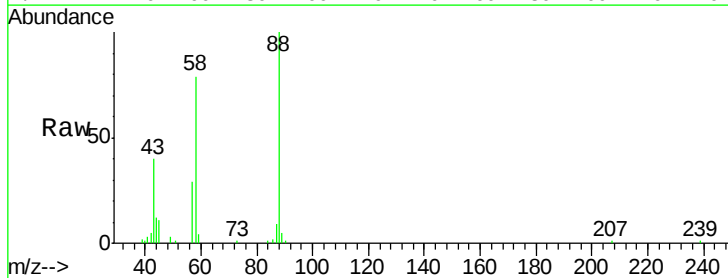
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4/6/2018 5:28:10 PM

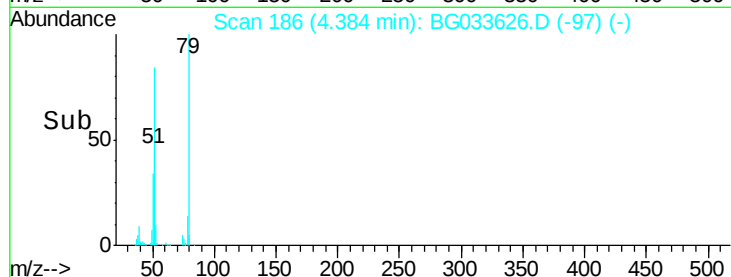
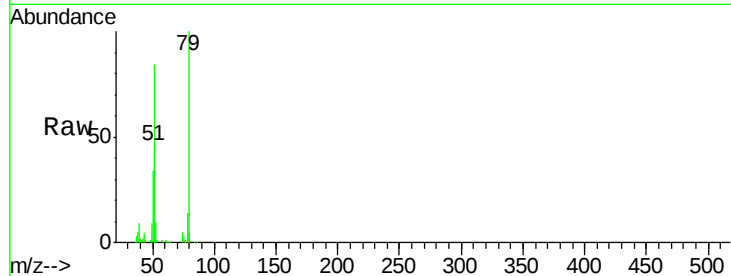


#2

1,4-Dioxane
Concen: 38.227 ng
RT: 3.91 min Scan# 106
Delta R.T. -0.01 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	79.6	119.4
43	35.7	27.4	41.0





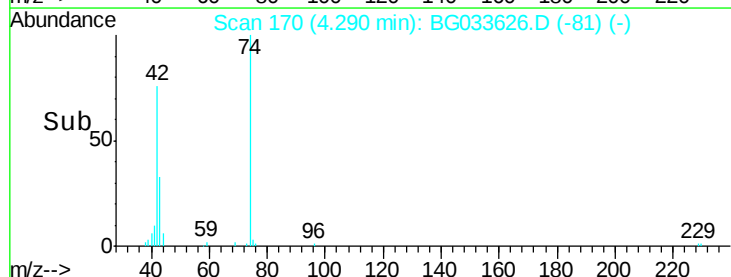
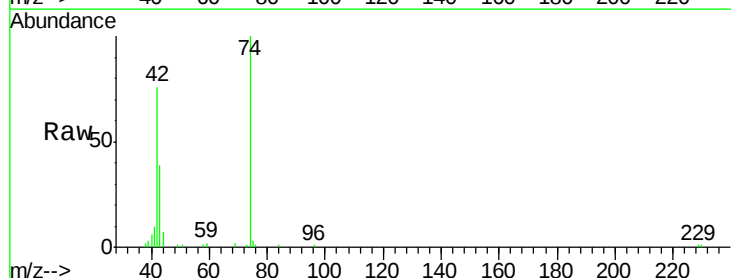
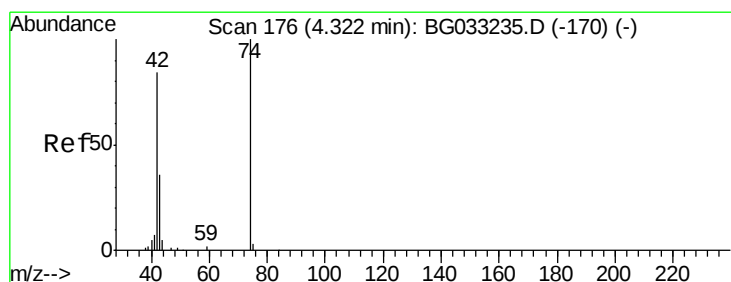
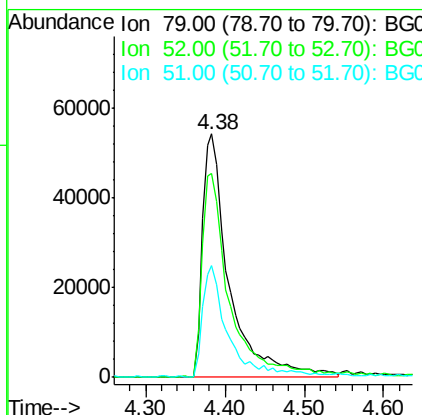
#3
 Pvridine
 Concen: 39.716 ng
 RT: 4.38 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	83.6	69.9	104.9	
51	46.0	34.0	51.0	

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

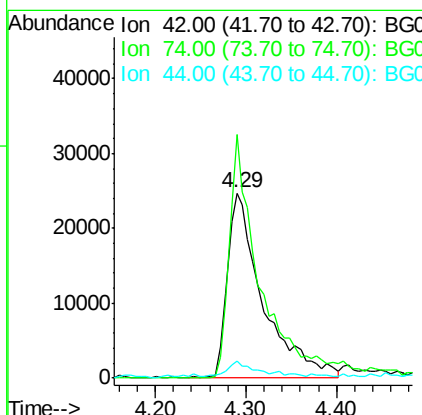
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 50.510 ng
 RT: 4.29 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	131.4	102.5	153.7	
44	9.0	18.9	28.3	





#5

2-Fluorophenol

Concen: 117.989 ng

RT: 6.29 min Scan# 510

Delta R.T. -0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

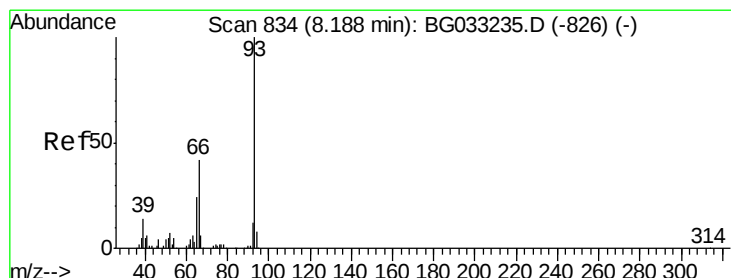
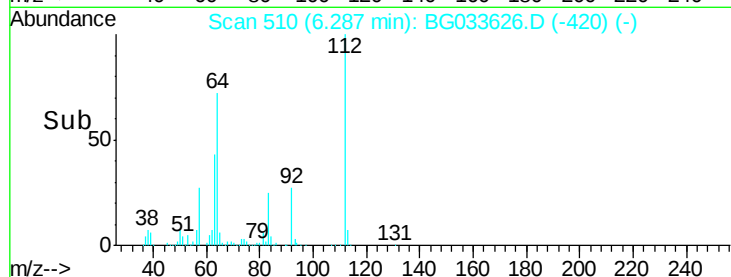
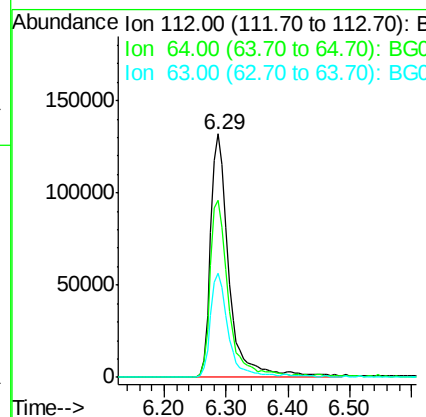
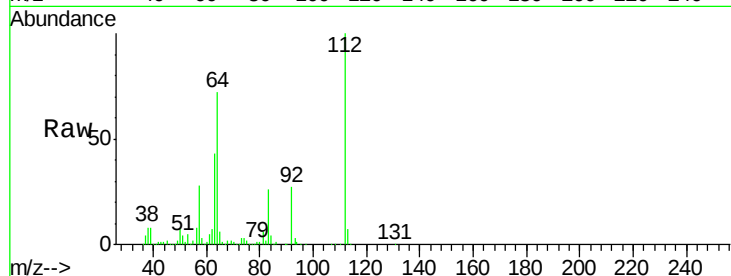
ClientSampleId :

PB107995BS

Tot Ion:	112	Resp:	271899
Ion Ratio	Lower	Upper	
112	100		
64	72.5	56.3	84.5
63	43.0	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 10.208 ng

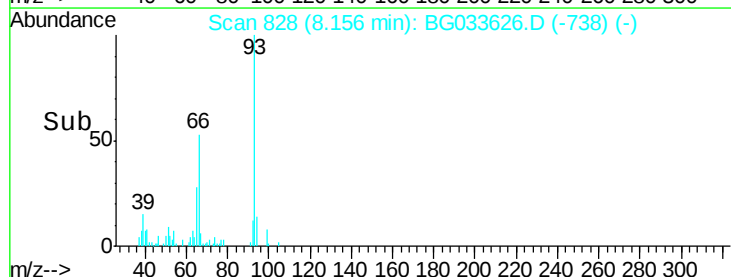
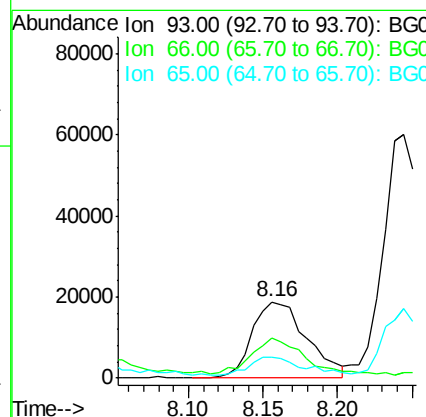
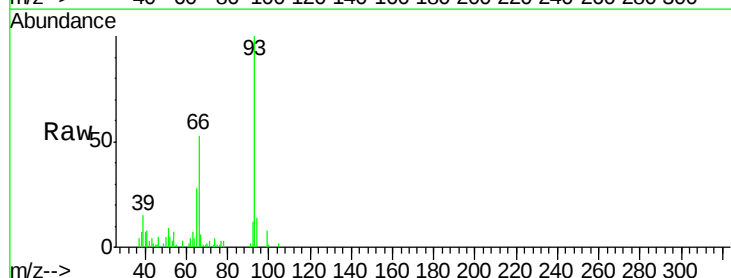
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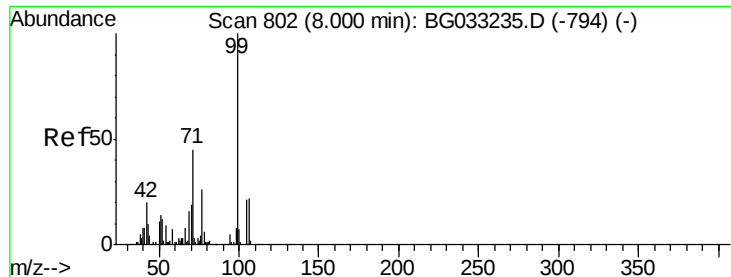
Delta R.T. -0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion:	93	Resp:	47532
Ion Ratio	Lower	Upper	
93	100		
66	52.8	33.7	50.5#
65	27.7	16.1	24.1#





#7

Phenol-d6

Concen: 104.060 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

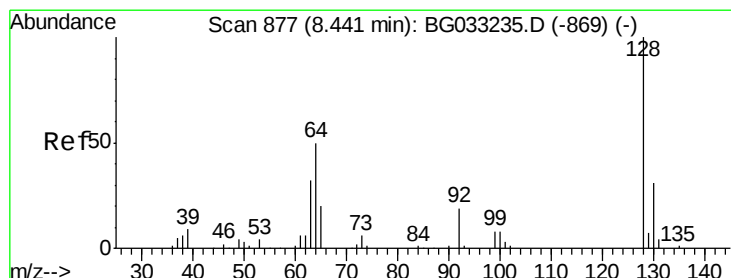
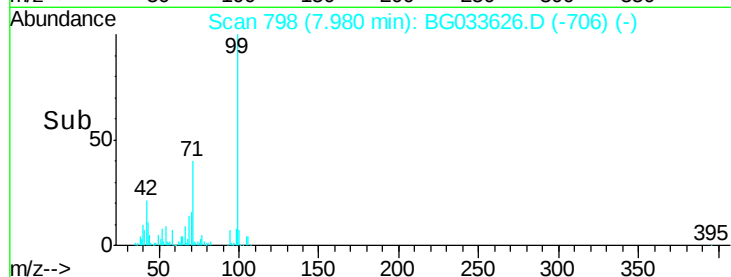
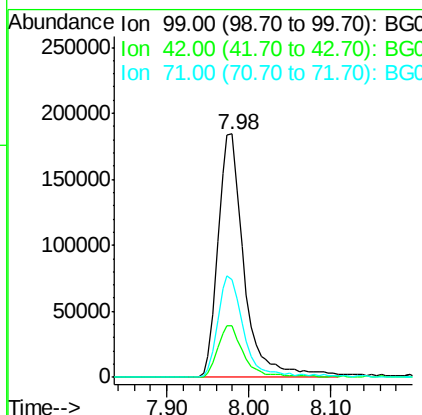
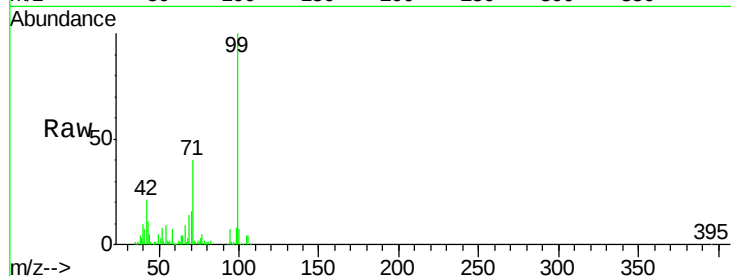
ClientSampleId :

PB107995BS

Tot Ion:	99	Resp:	412027
Ion Ratio	Lower	Upper	
99	100		
42	21.3	14.1	21.1#
71	39.9	26.1	39.1#

Manual Integrations
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#8

2-Chlorophenol

Concen: 53.243 ng

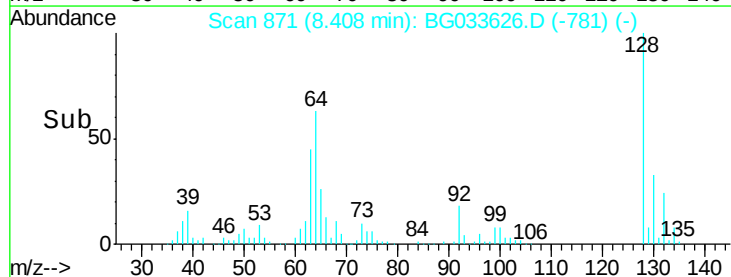
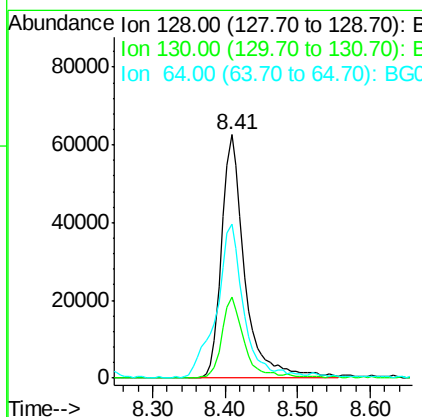
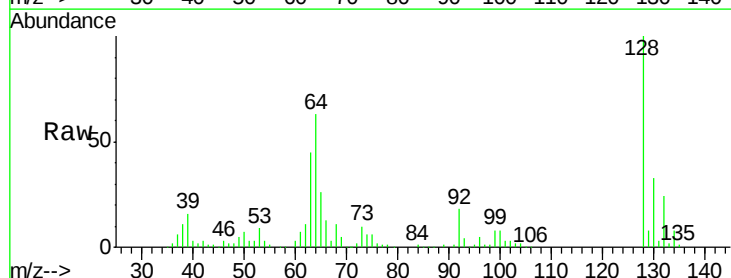
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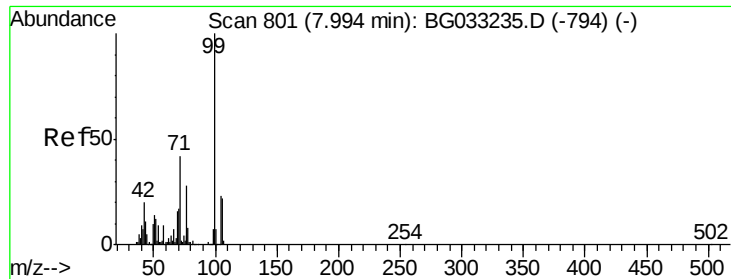
Delta R.T. -0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion:	128	Resp:	140267
Ion Ratio	Lower	Upper	
128	100		
130	33.2	14.0	54.0
64	63.2	37.7	77.7





#9

Benzaldehyde

Concen: 17.864 ng/mL

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

ClientSampleID :

PB107995BS

Tot Ion: 77 Resp: 44952

Ion Ratio Lower Upper

77 100

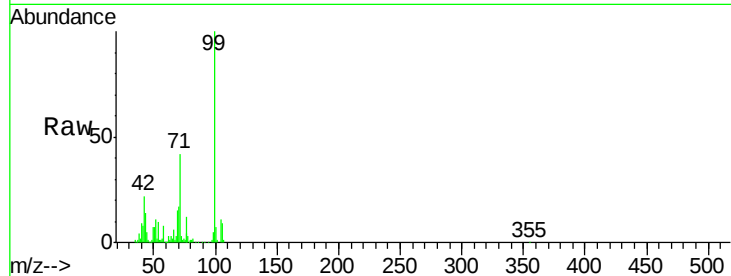
105 88.6 71.3 111.3

106 77.0 64.2 104.2

Manual Integrations
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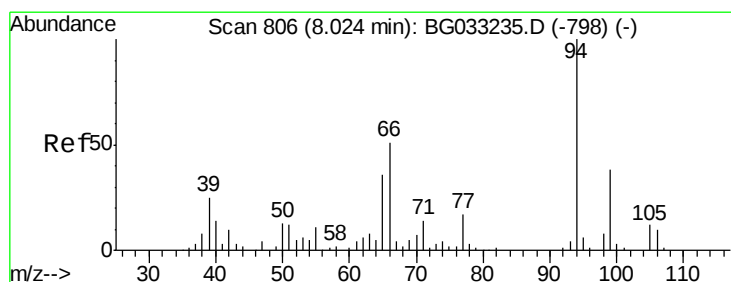
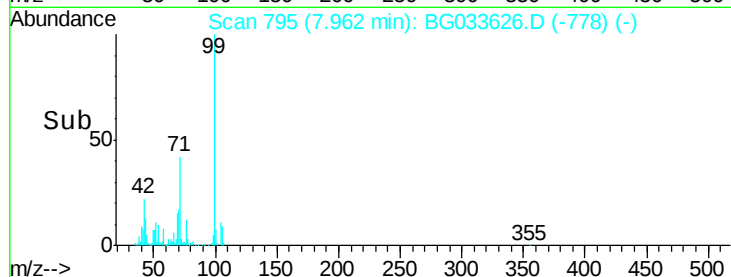
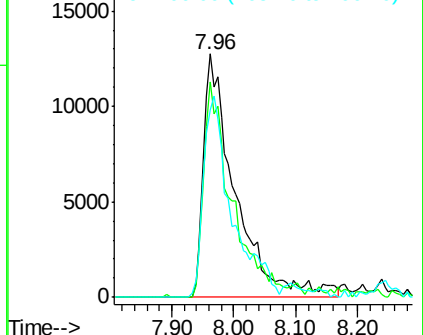
4/6/2018 5:28:10 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.709 ng/mL

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

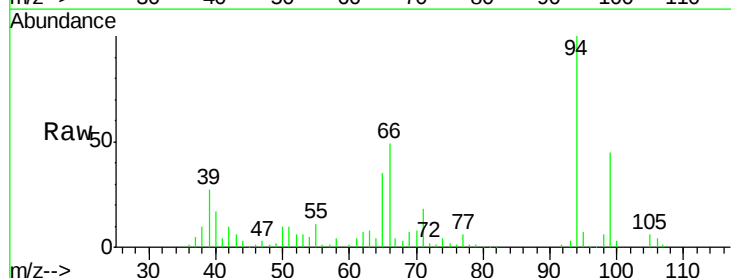
Tgt Ion: 94 Resp: 202144

Ion Ratio Lower Upper

94 100

65 34.8 11.9 51.9

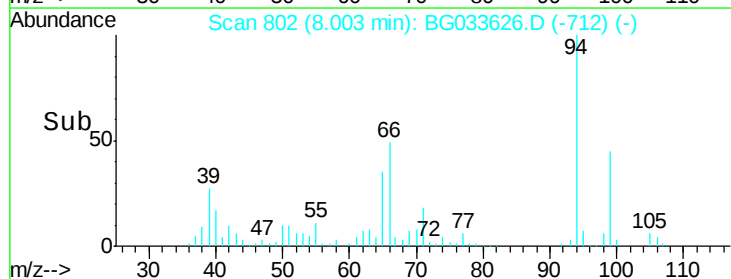
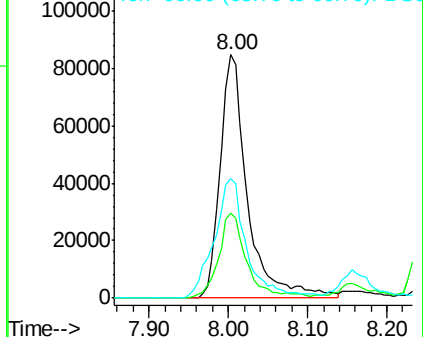
66 49.1 22.2 62.2

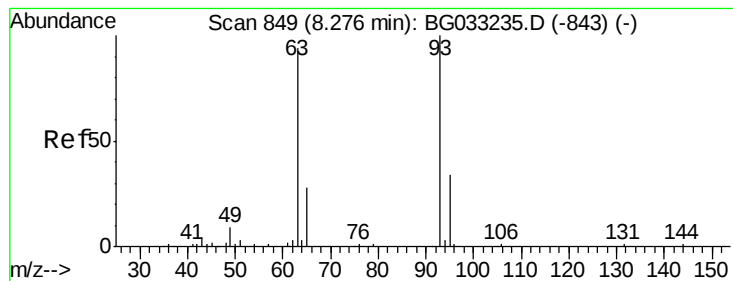


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





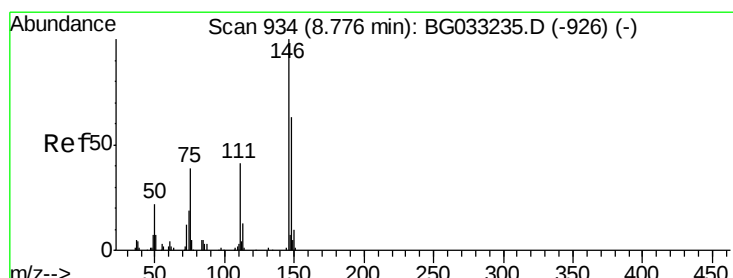
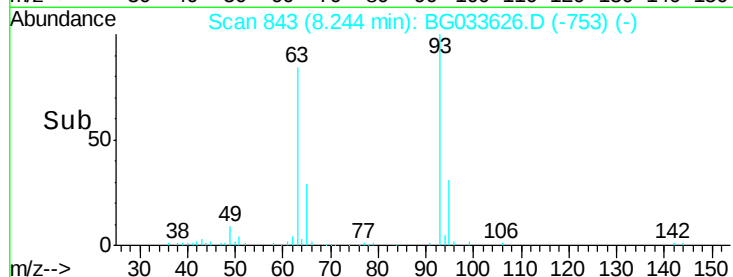
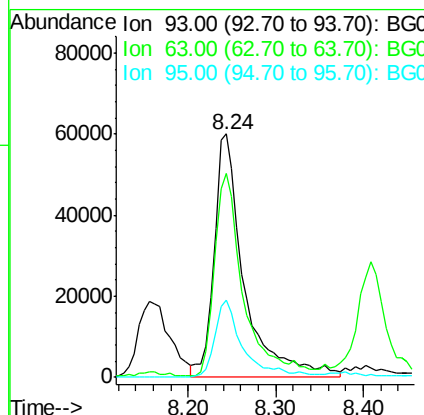
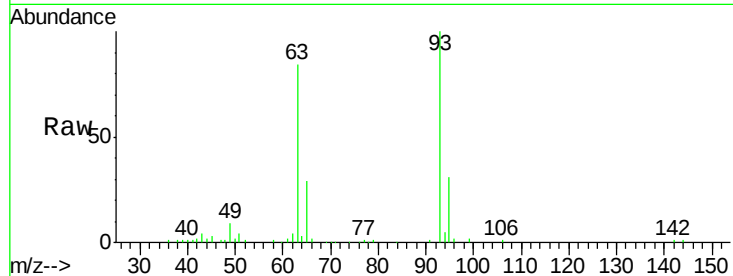
#11
bis(2-Chloroethyl)ether
Concen: 44.425 ng
RT: 8.24 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		141754		
63	83.6	67.1	107.1		
95	31.5	11.5	51.5		

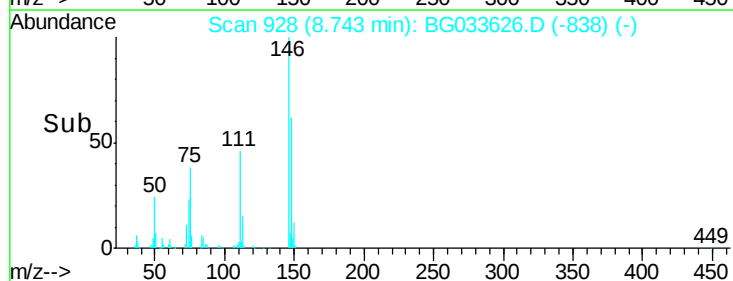
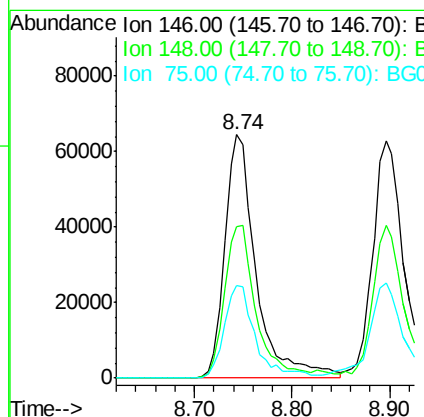
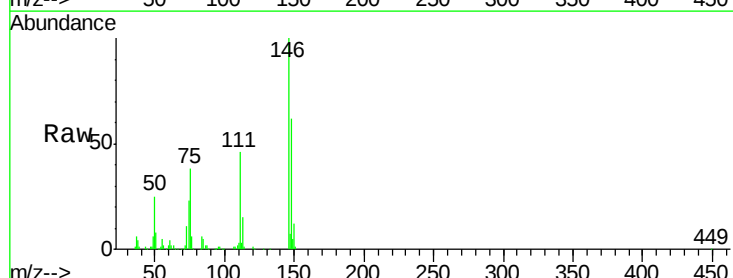
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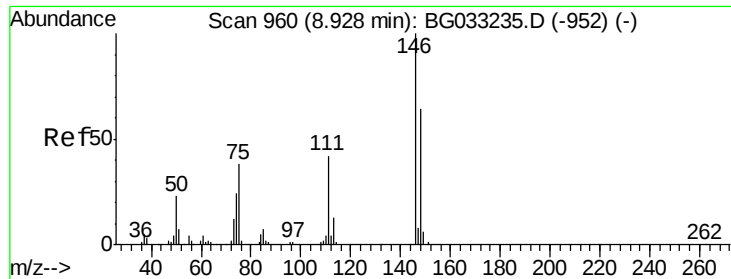
Sohil
4/6/2018 5:28:10 PM



#12
1,3-Dichlorobenzene
Concen: 41.515 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		142989		
148	62.2	51.4	77.2		
75	38.2	26.6	39.8		





#13

1,4-Dichlorobenzene

Concen: 40.075 ng

RT: 8.90 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

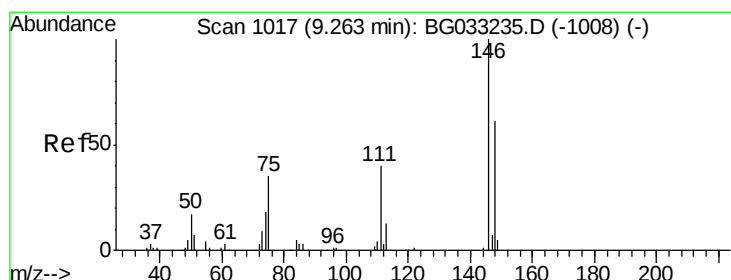
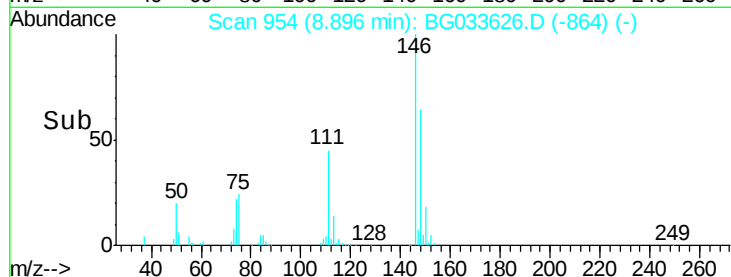
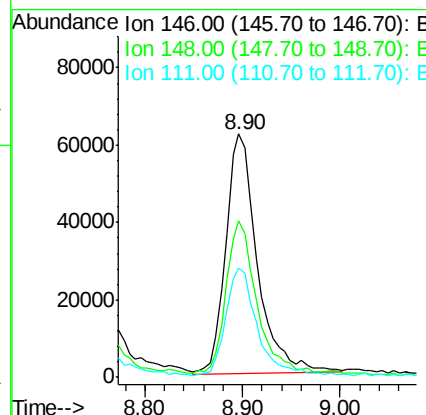
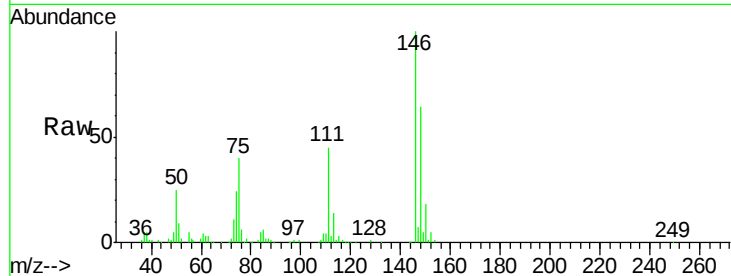
ClientSampleId :

PB107995BS

Tot Ion:	146	Resp:	138236
Ion Ratio	Lower	Upper	
146	100		
148	64.4	53.7	80.5
111	44.9	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 42.851 ng

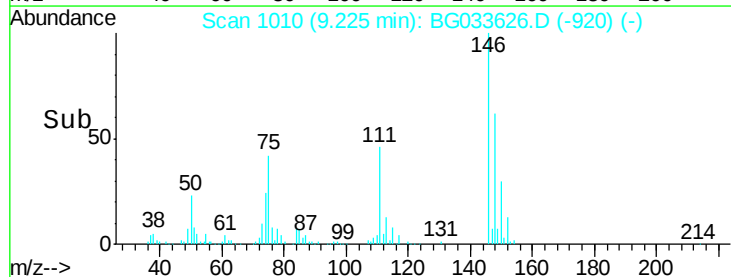
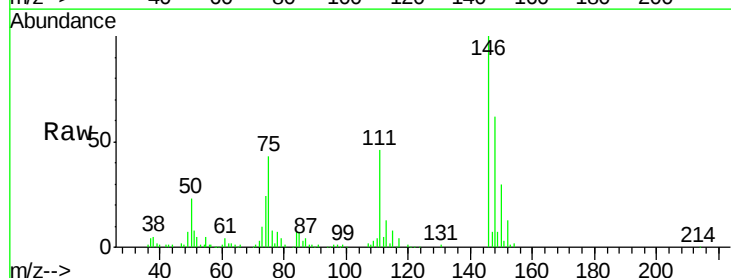
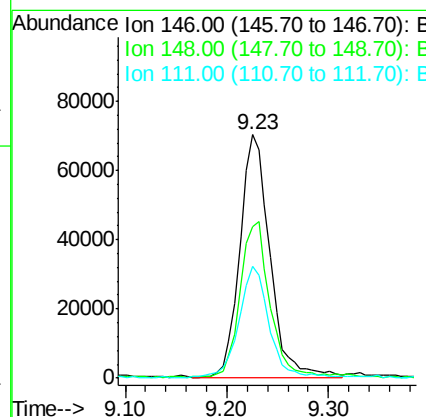
RT: 9.23 min Scan# 1010

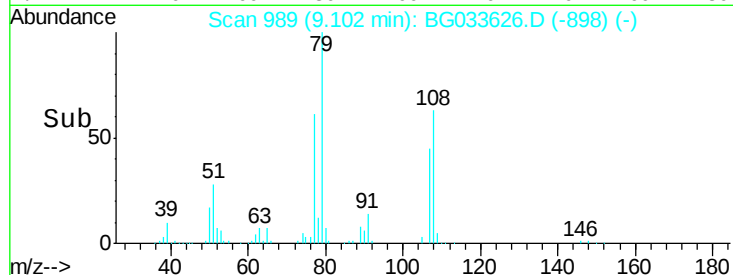
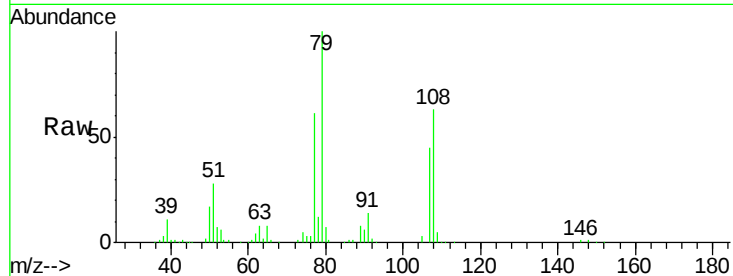
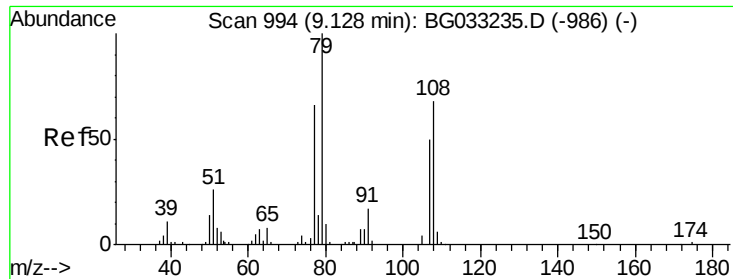
Delta R.T. -0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion:	146	Resp:	144261
Ion Ratio	Lower	Upper	
146	100		
148	62.5	49.3	73.9
111	46.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 46.292 ng

RT: 9.10 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tot Ion:	79	Resp:	144313
Ion Ratio	Lower	Upper	
79	100		
108	63.1	57.2	85.8
77	60.8	46.1	69.1

Instrument :

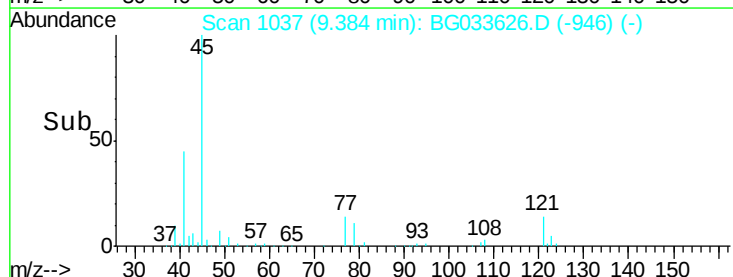
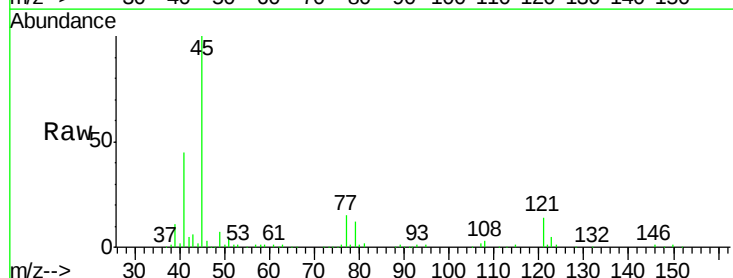
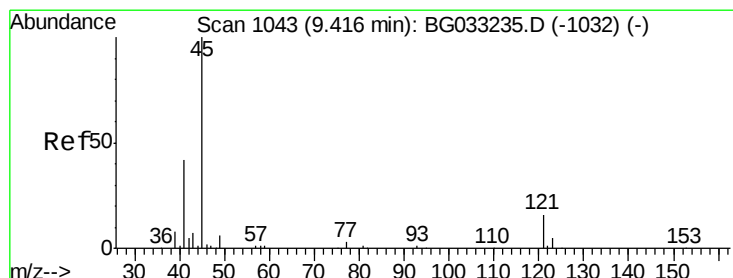
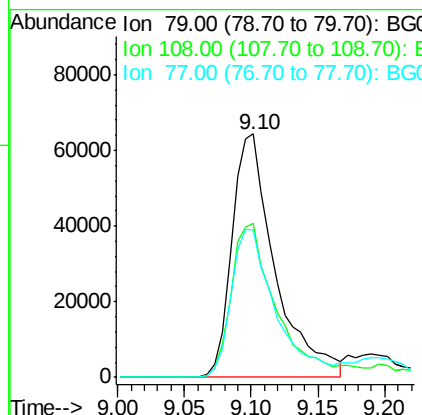
BNA_G

ClientSampled :

PB107995BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.116 ng

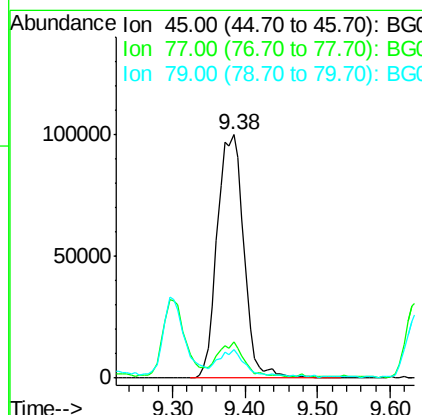
RT: 9.38 min Scan# 1037

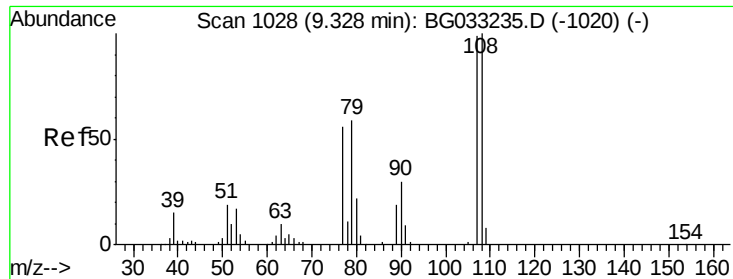
Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion:	45	Resp:	255489
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	30.2
79	11.7	0.0	27.9





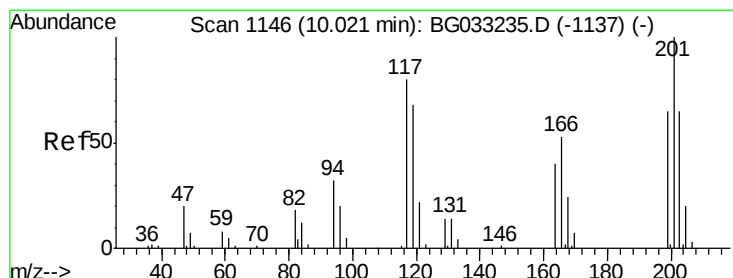
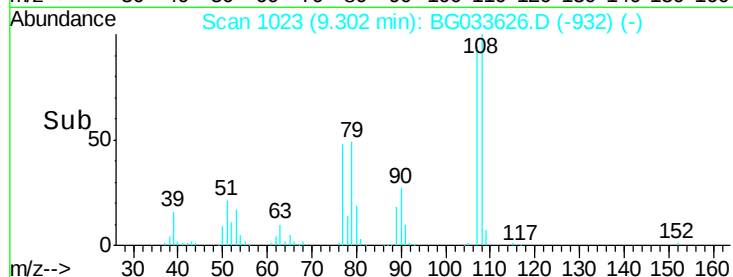
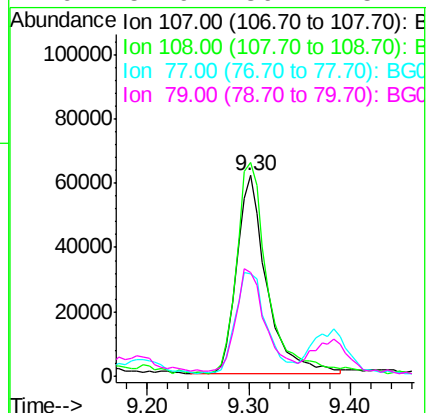
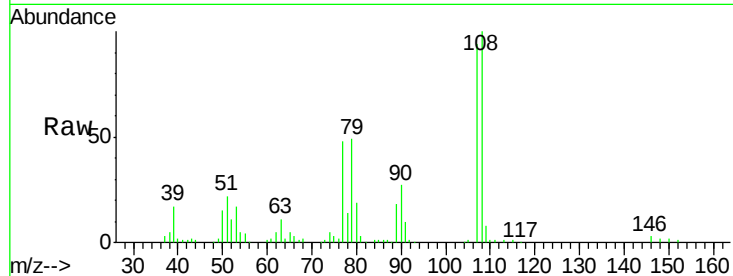
#17
2-Methylphenol
Concen: 47.466 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.4	83.9	125.9	
77	51.0	37.2	55.8	
79	51.9	36.2	54.2	

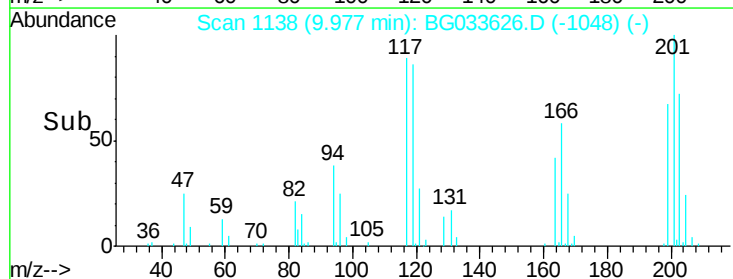
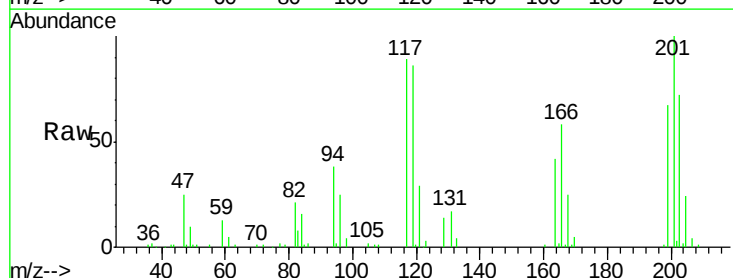
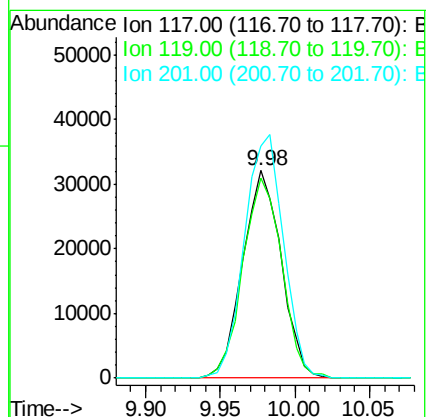
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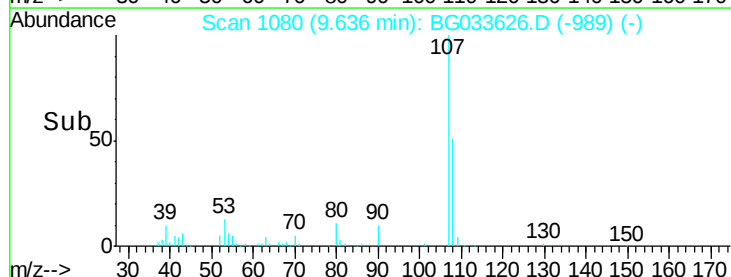
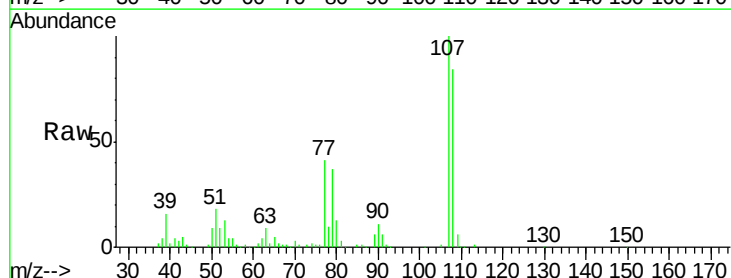
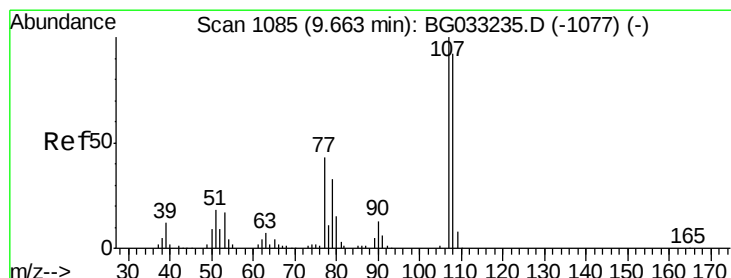
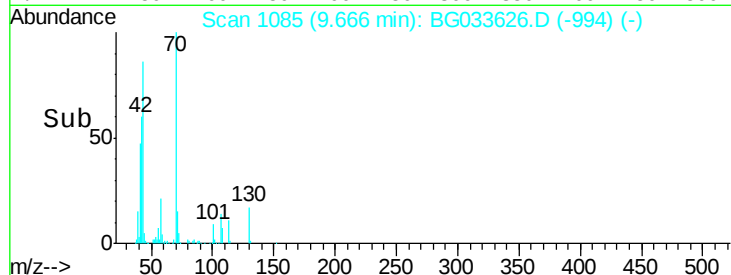
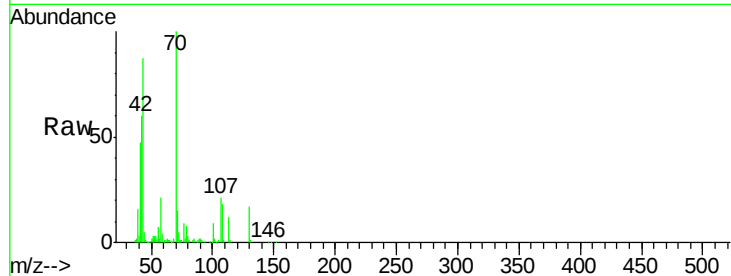
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#18
Hexachloroethane
Concen: 43.082 ng
RT: 9.98 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

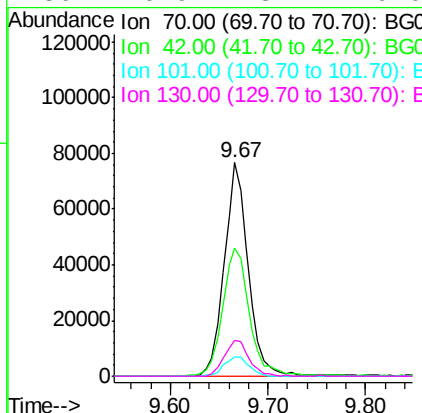
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	76.7	115.1	
201	112.2	95.7	143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 44.829 ng
RT: 9.67 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.8	49.1	73.7		
101	9.0	8.5	12.7		
130	16.9	13.4	20.0		



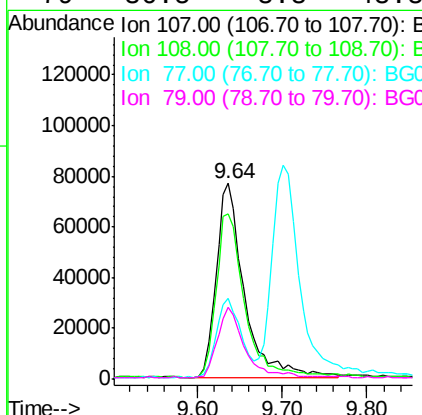
Instrument :
BNA_G
ClientSampleId :
PB107995BS

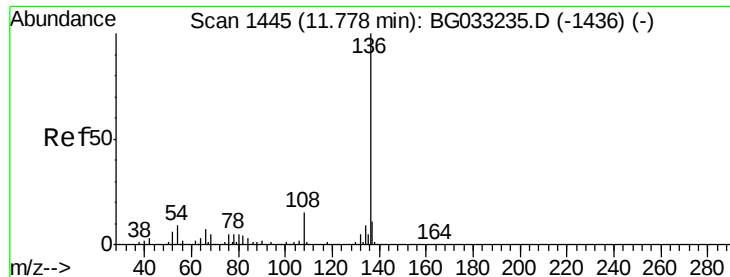
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#20
3+4-Methylphenols
Concen: 47.156 ng
RT: 9.64 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.3	61.6	101.6		
77	41.3	13.9	53.9		
79	36.5	8.8	48.8		





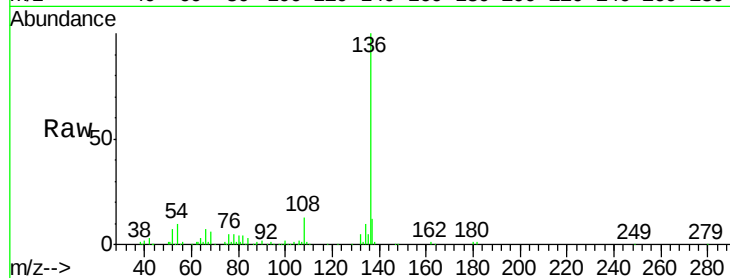
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampled :
PB107995BS

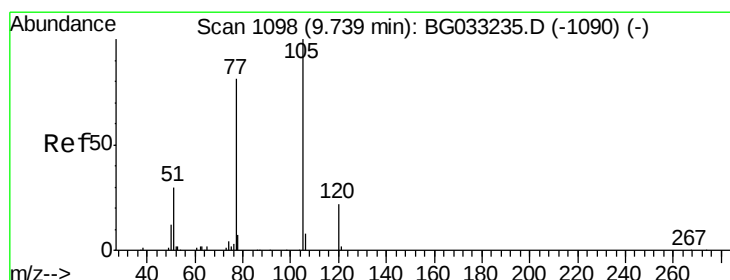
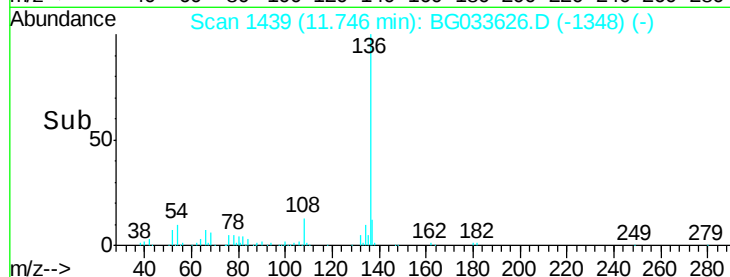
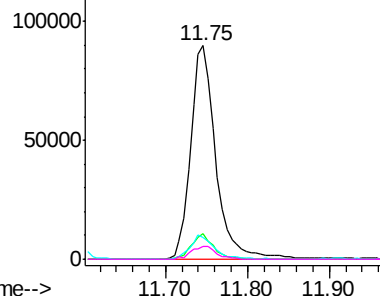
Tot Ion	Ratio	Resp	Lower	Upper
136	100	191799		
137	11.7		9.2	13.8
54	10.3		10.3	15.5
68	6.0		4.5	6.7

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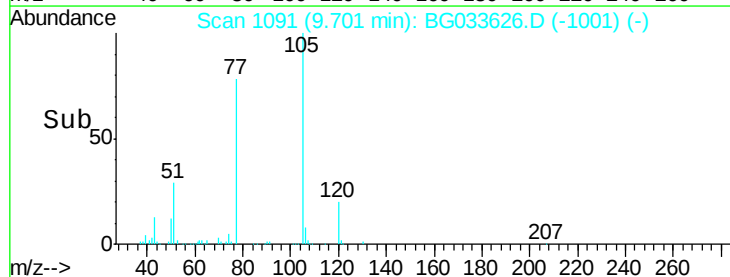
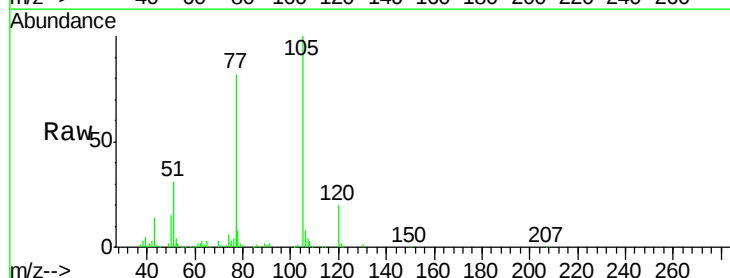
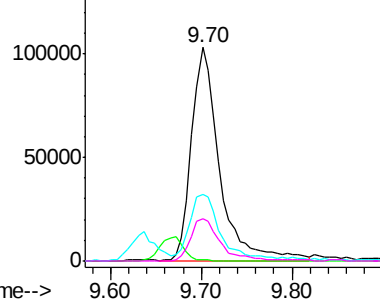
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

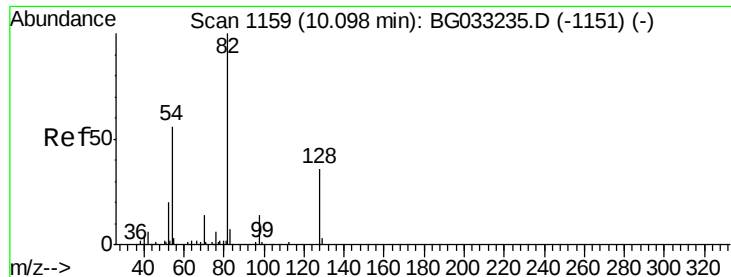


#22
Acetophenone
Concen: 41.929 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220322		
71	0.9		3.0	4.4#
51	30.9		26.1	39.1
120	19.9		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





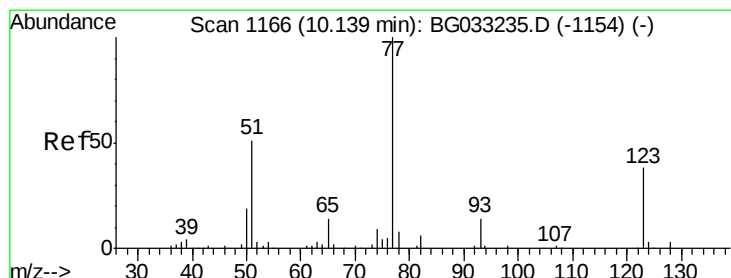
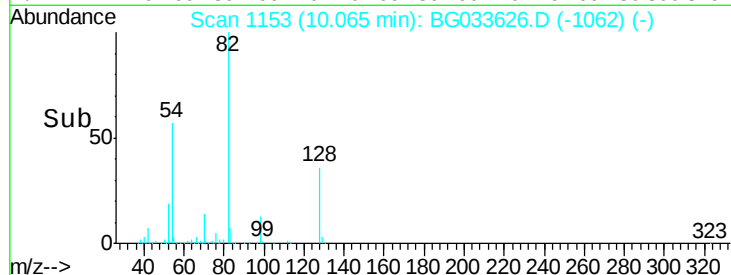
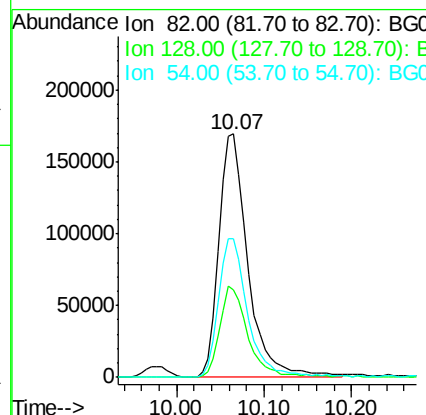
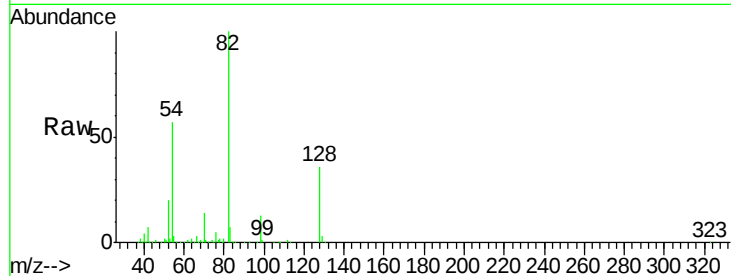
#23
 Nitrobenzene-d5
 Concen: 93.752 ng
 RT: 10.07 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

Tot Ion	82	Resp	391380
Ion Ratio	Lower	Upper	
82	100		
128	35.7	29.7	44.5
54	56.8	43.1	64.7

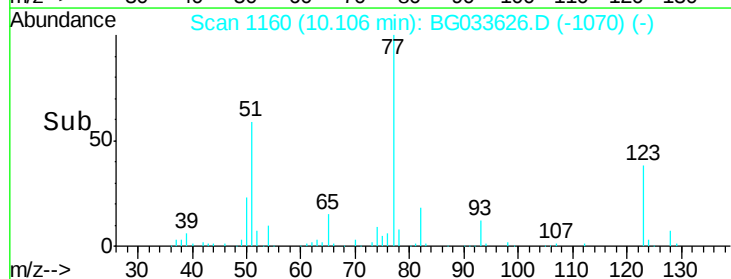
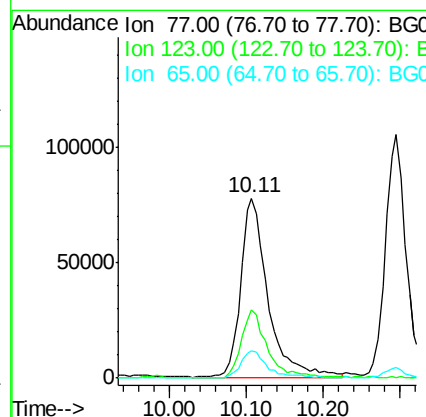
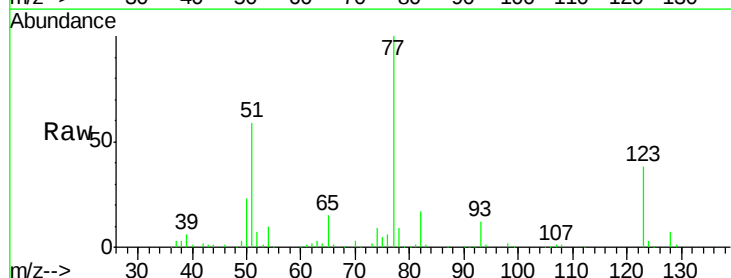
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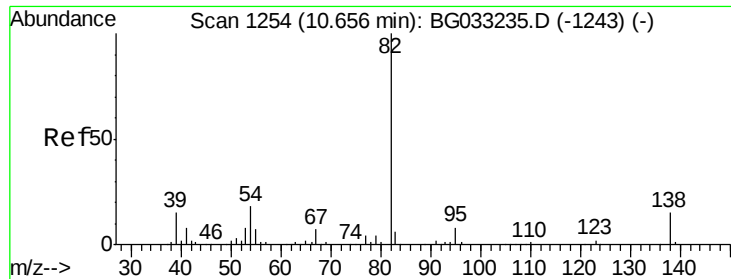
Sohil
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#24
 Nitrobenzene
 Concen: 42.781 ng
 RT: 10.11 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion	77	Resp	191163
Ion Ratio	Lower	Upper	
77	100		
123	38.0	33.0	49.6
65	14.9	13.0	19.6





#25

Isophorone

Concen: 43.949 ng

RT: 10.62 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

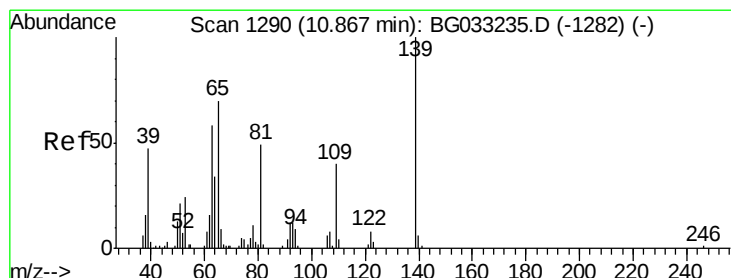
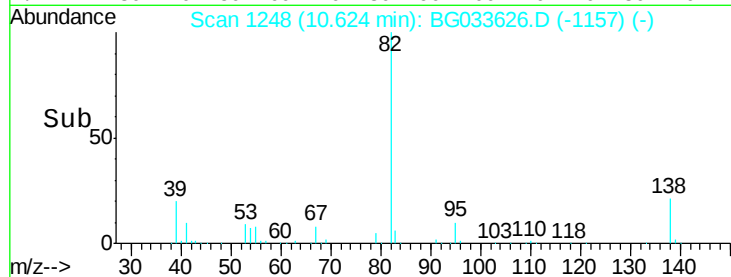
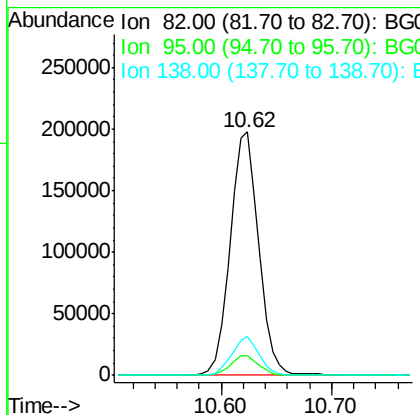
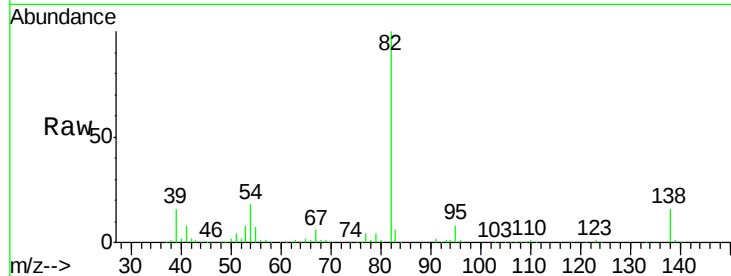
ClientSampleId :

PB107995BS

Tot Ion	82	Resp	356086
Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.2	9.2
138	16.1	12.1	18.1

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#26

2-Nitrophenol

Concen: 44.782 ng

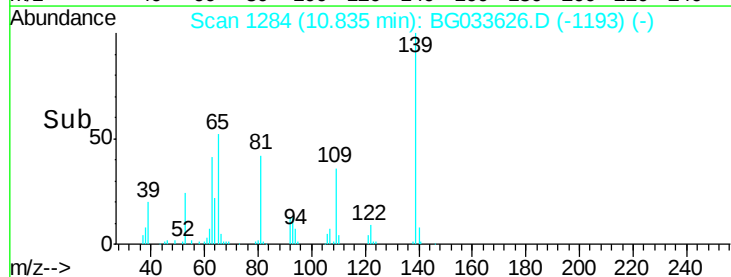
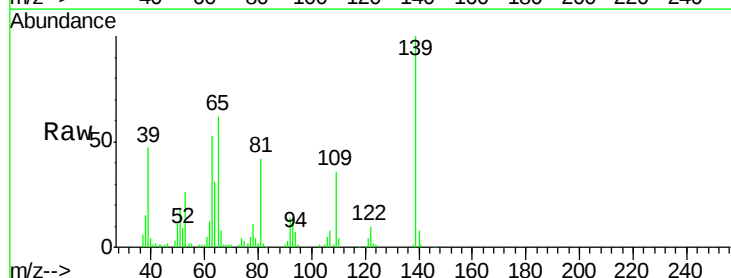
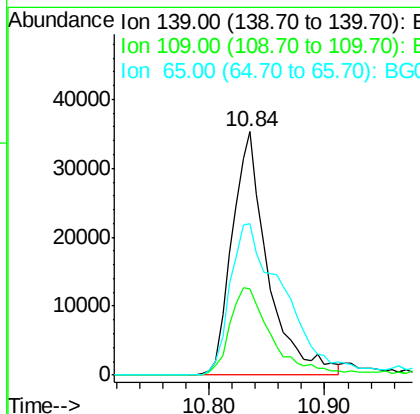
RT: 10.84 min Scan# 1284

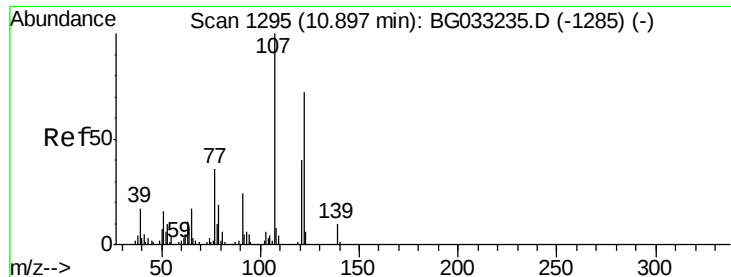
Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion	139	Resp	75758
Ion	Ratio	Lower	Upper
139	100		
109	35.6	24.2	36.2
65	62.3	47.4	71.0





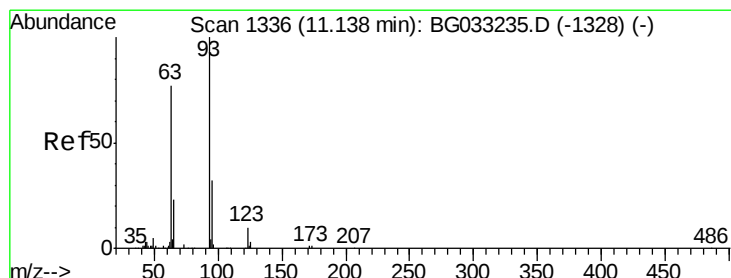
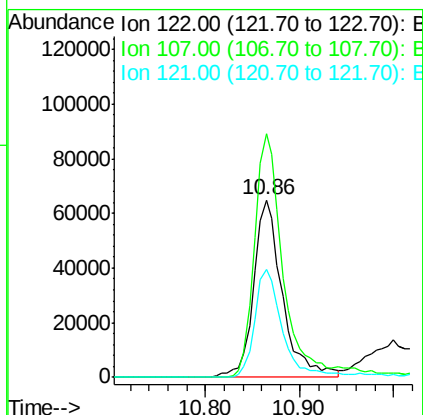
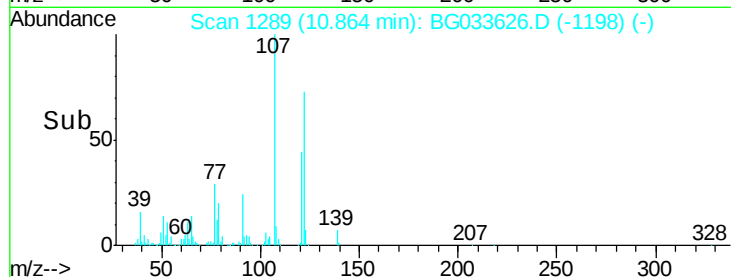
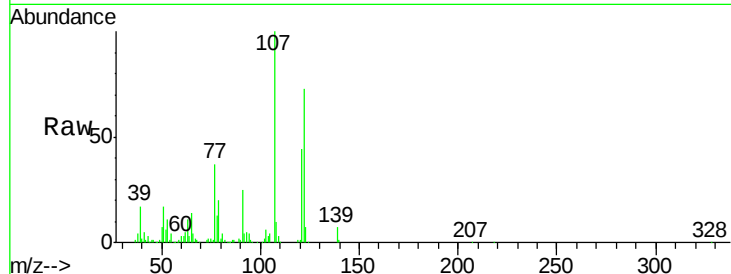
#27
 2,4-Dimethylphenol
 Concen: 55.923 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.3	100.2	150.2
121	60.9	44.4	66.6

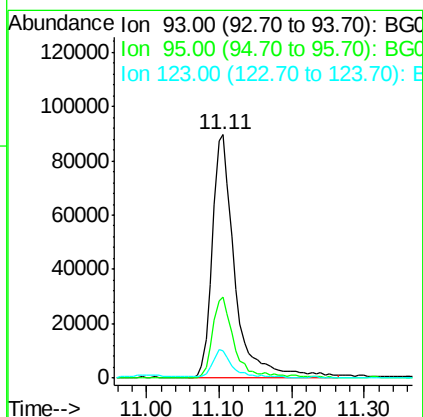
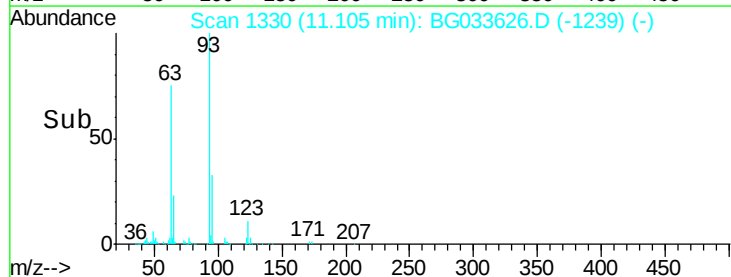
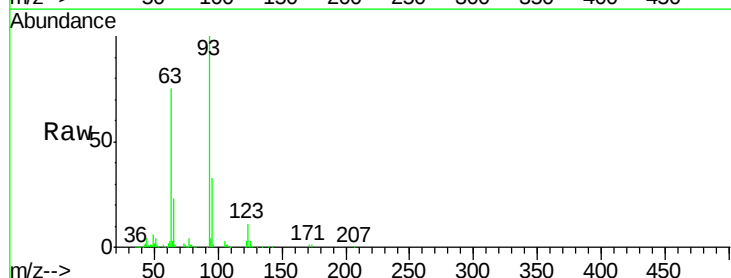
Manual Integrations
 APPROVED

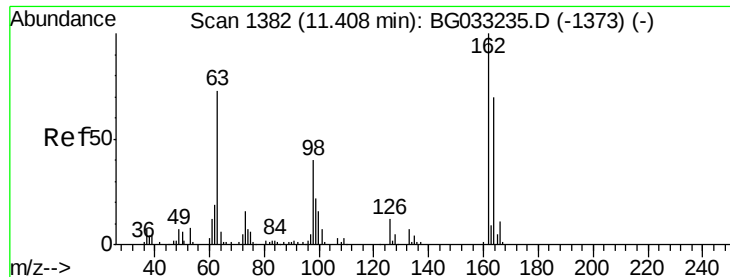
Sohil
 4/6/2018 5:28:10 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.333 ng
 RT: 11.11 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	11.0	8.4	12.6





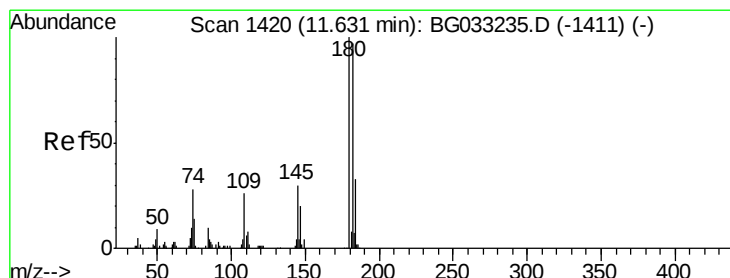
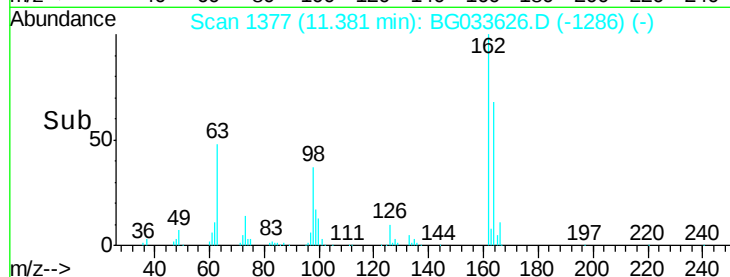
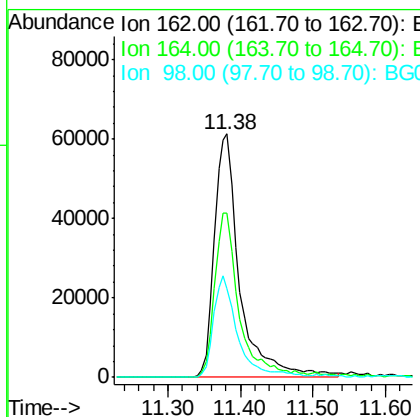
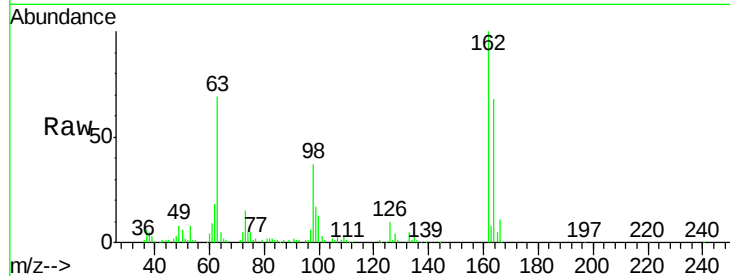
#29
2,4-Dichlorophenol
Concen: 49.290 ng
RT: 11.38 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	148969		
164	67.5	48.0	88.0	
98	36.7	21.1	61.1	

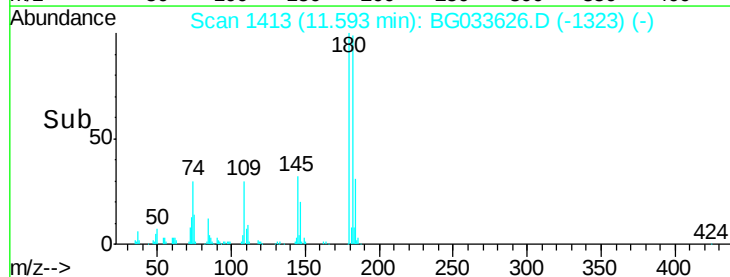
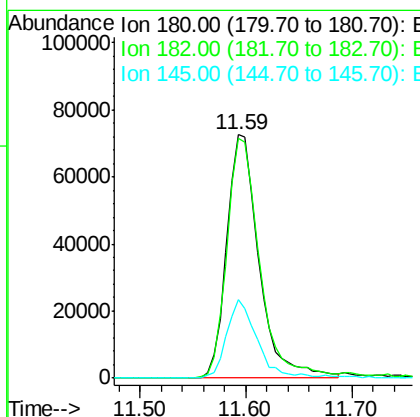
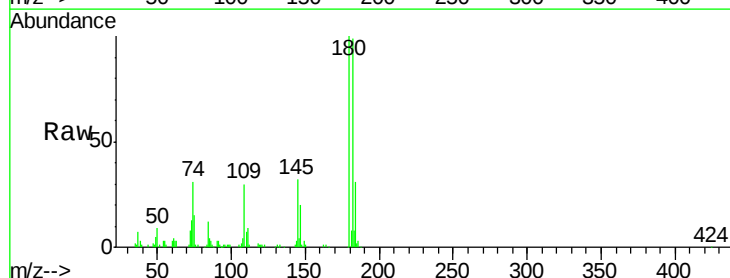
Manual Integrations
APPROVED

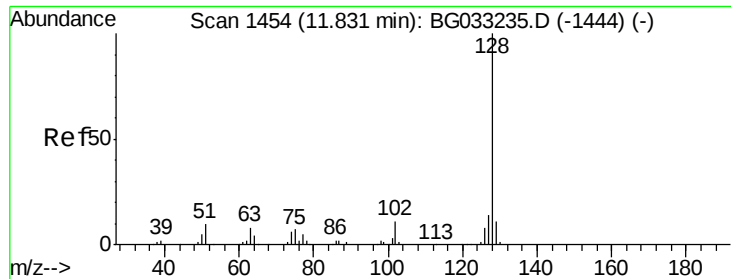
Sohil
4/6/2018 5:28:10 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.202 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	153934		
182	98.6	77.5	116.3	
145	32.2	23.4	35.2	





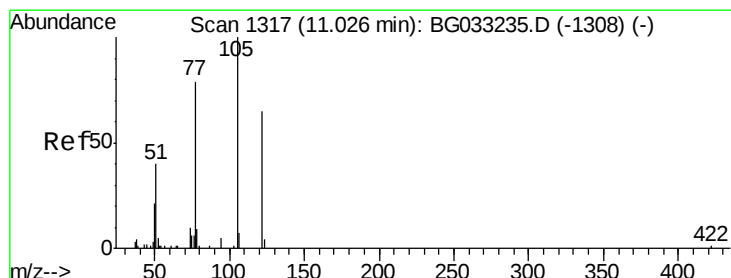
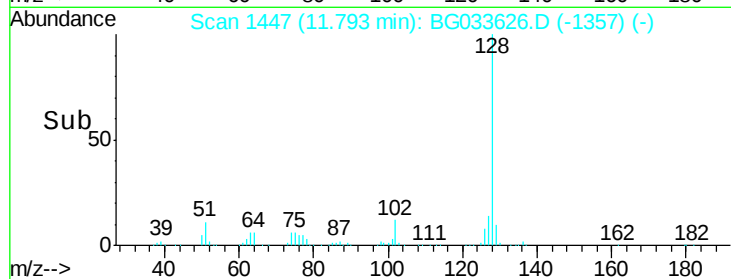
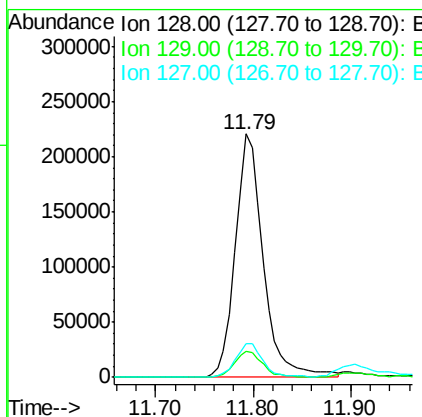
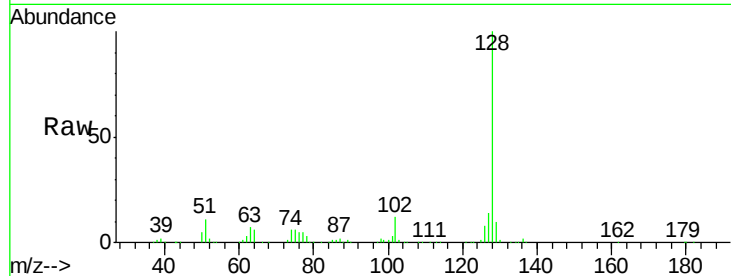
#31
Naphthalene
Concen: 44.381 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion:	128	Resp:	441101
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.6	12.8
127	13.6	11.6	17.4

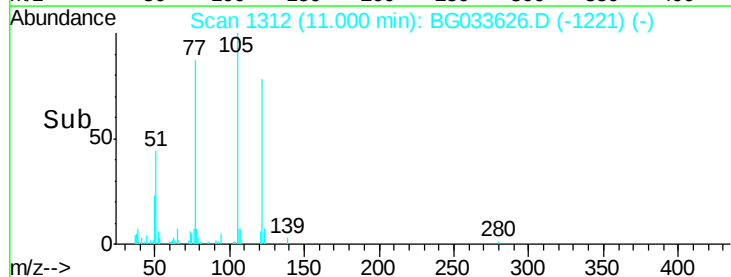
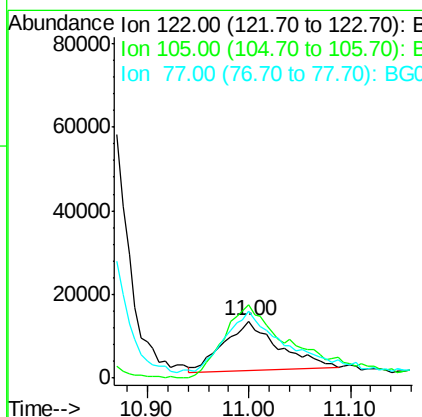
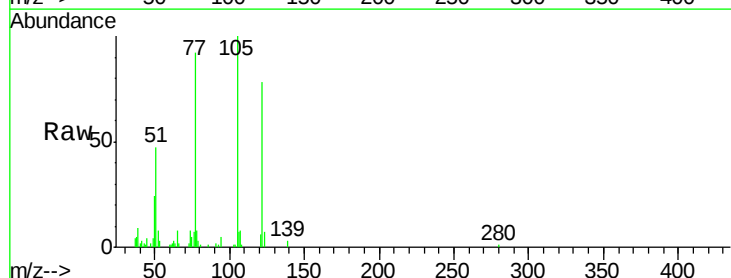
Manual Integrations
APPROVED

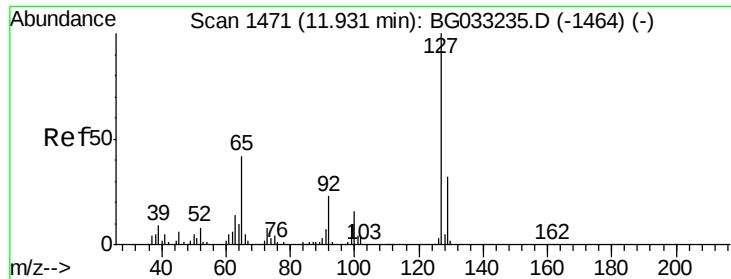
Sohil
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#32
Benzoic acid
Concen: 19.517 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion:	122	Resp:	44588
Ion Ratio	Lower	Upper	
122	100		
105	128.7	123.5	163.5
77	118.3	85.7	125.7





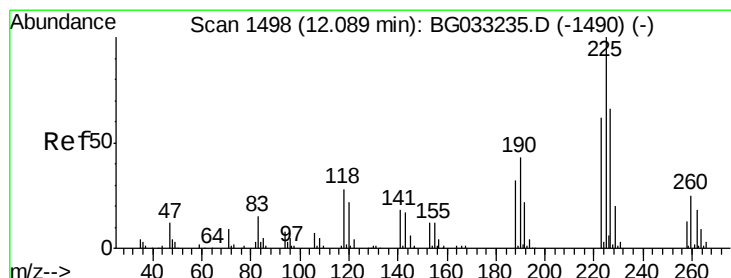
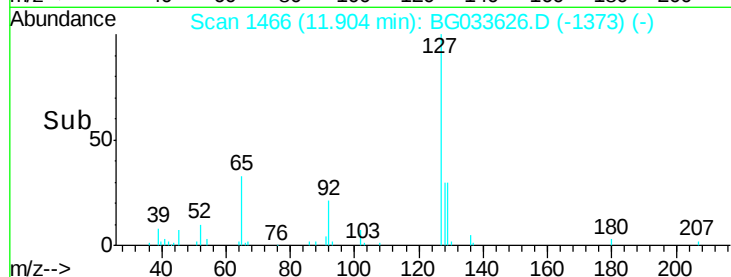
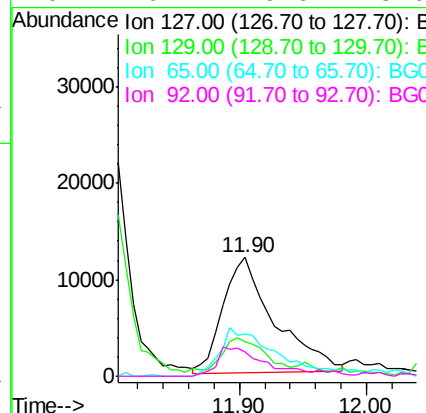
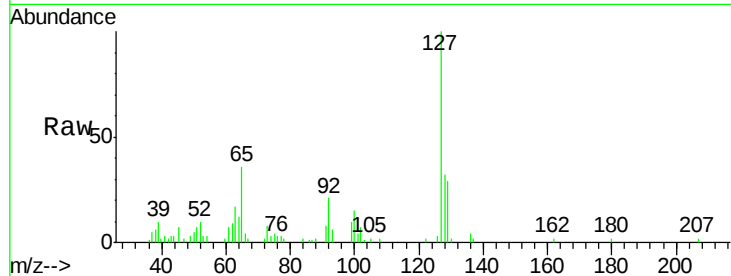
#33
4-Chloroaniline
Concen: 7.681 ng
RT: 11.90 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion:	127	Resp:	34201
Ion Ratio	Lower	Upper	
127	100		
129	29.4	24.0	36.0
65	35.7	27.0	40.4
92	20.7	16.6	25.0

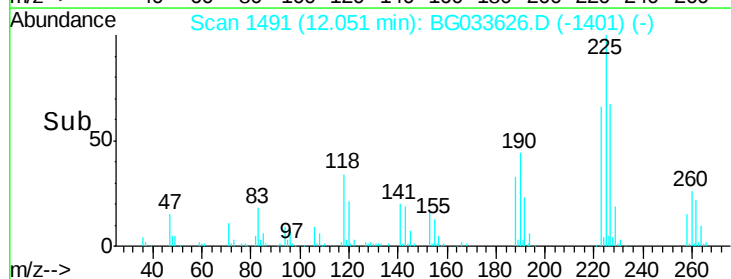
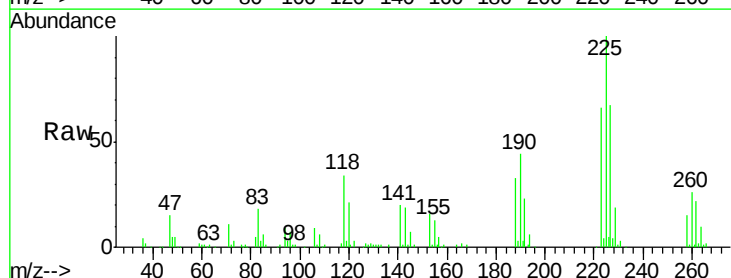
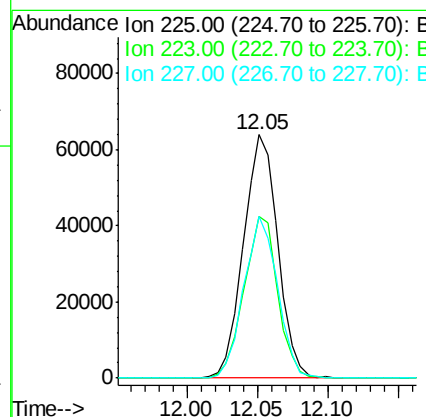
Manual Integrations
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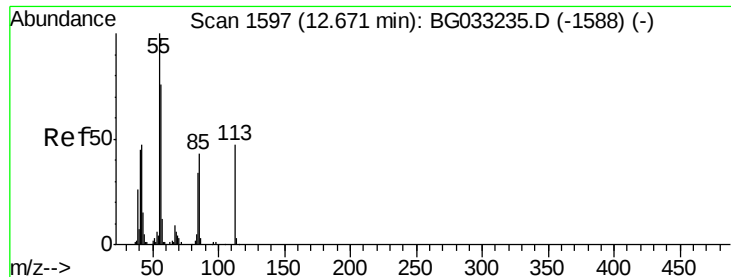
Sohil
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#34
Hexachlorobutadiene
Concen: 36.531 ng
RT: 12.05 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion:	225	Resp:	108477
Ion Ratio	Lower	Upper	
225	100		
223	66.3	49.7	74.5
227	70.2	48.1	72.1





#35

Caprolactam

Concen: 42.172 ng

RT: 12.64 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

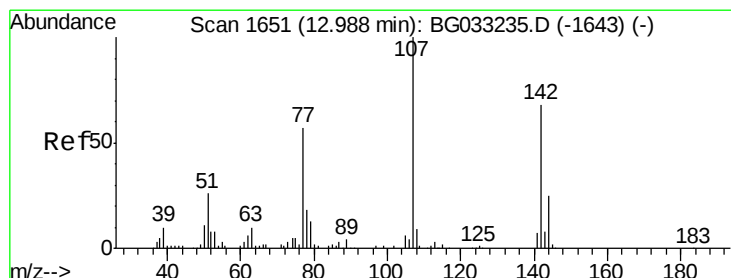
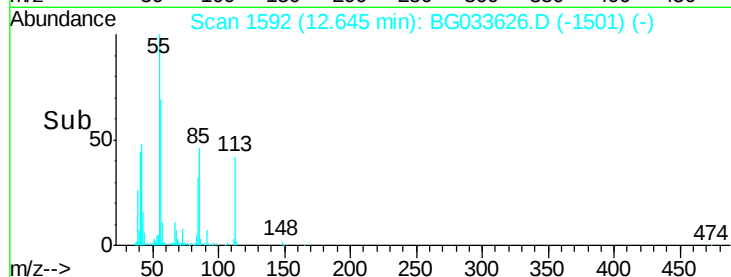
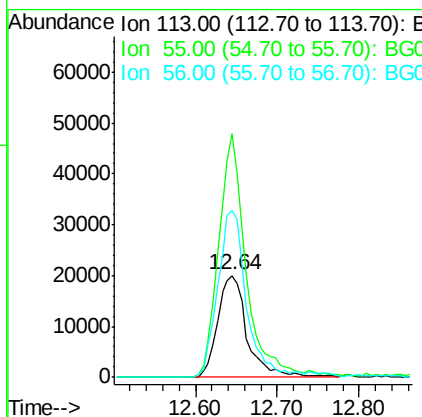
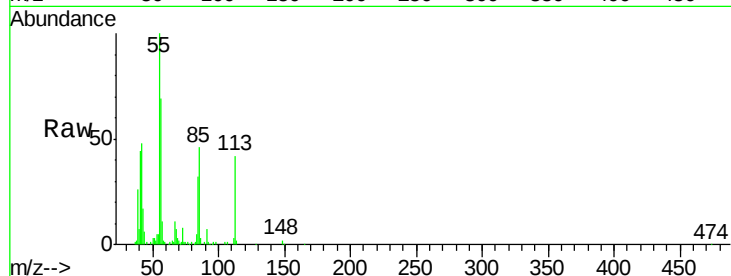
ClientSampleId :

PB107995BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		49933		
55	238.5		186.9	226.9#	
56	163.5		130.9	170.9	

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.455 ng

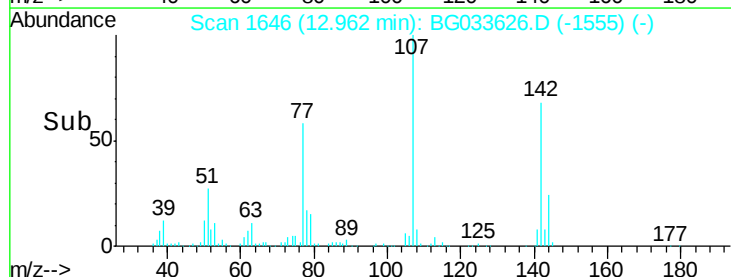
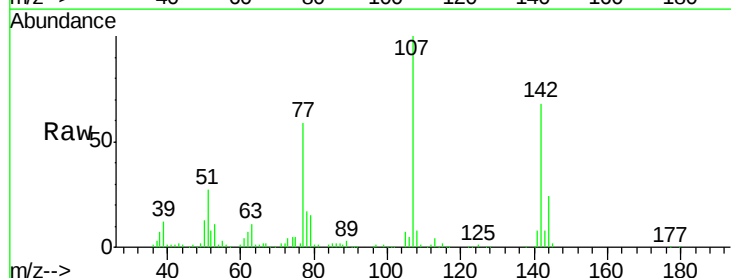
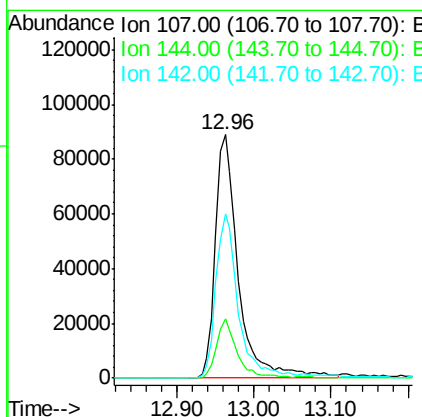
RT: 12.96 min Scan# 1646

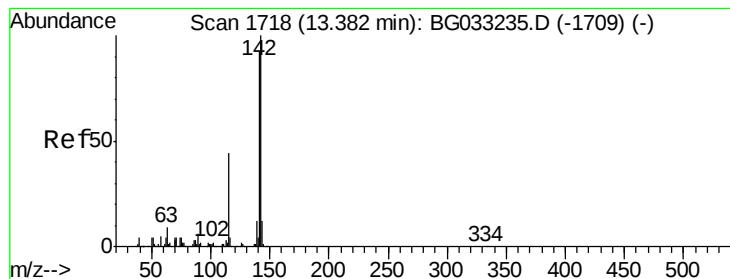
Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		183117		
144	24.2		18.2	27.4	
142	67.6		59.0	88.4	





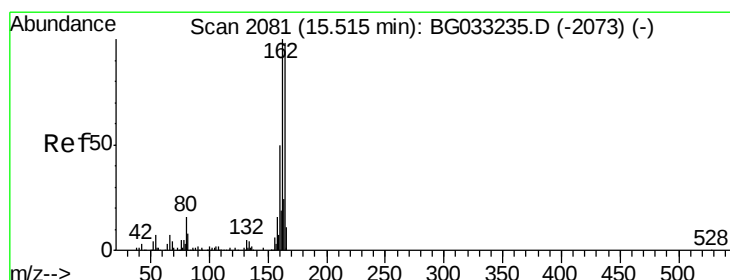
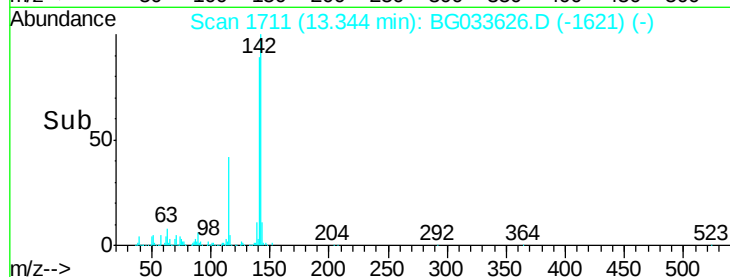
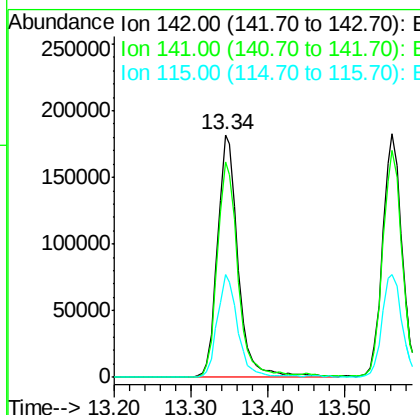
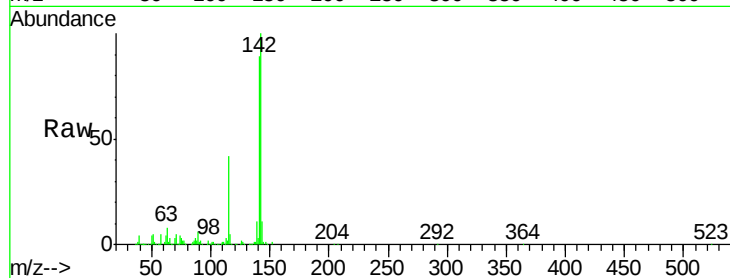
#37
 2-Methylnaphthalene
 Concen: 43.329 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleID :
 PB107995BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	67.1	100.7
115	42.3	30.7	46.1

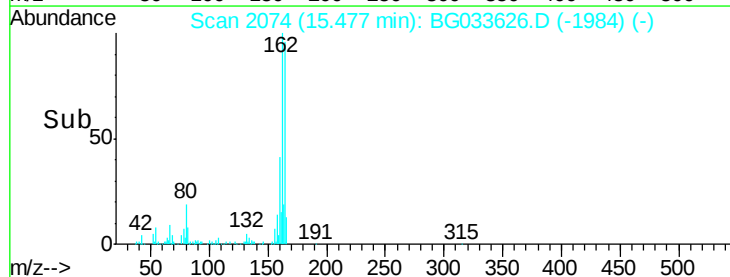
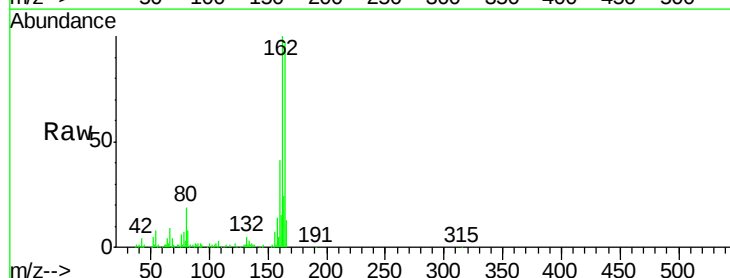
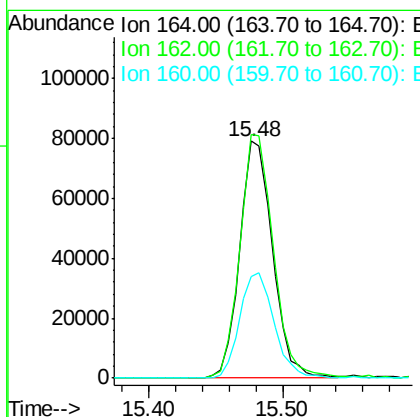
Manual Integrations
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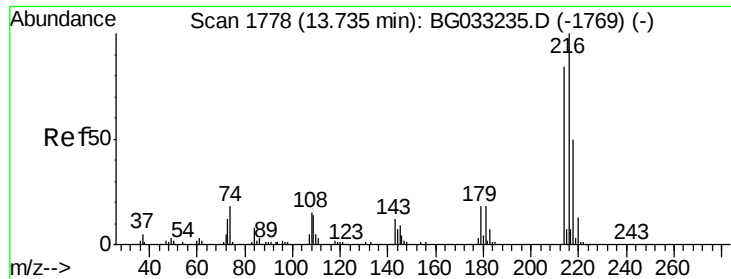
Sohil
 4/6/2018 5:28:10 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	42.6	35.4	53.0





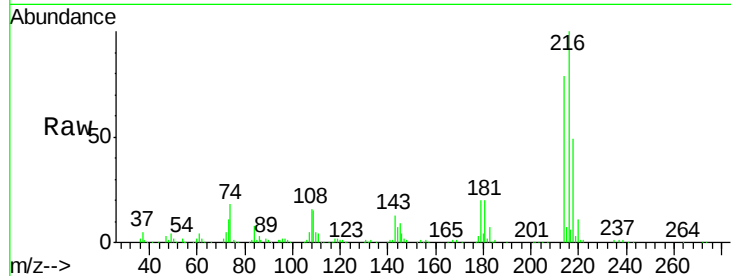
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.120 ng
 RT: 13.70 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

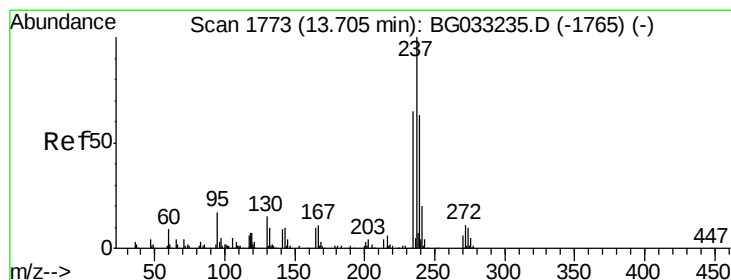
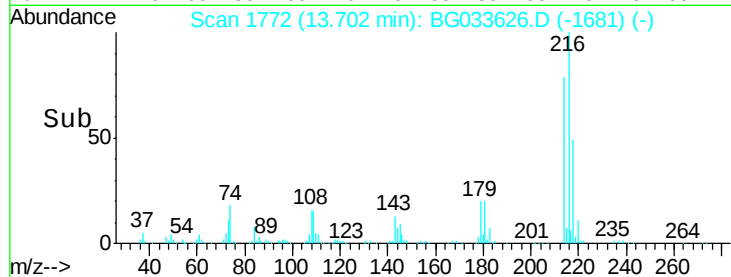
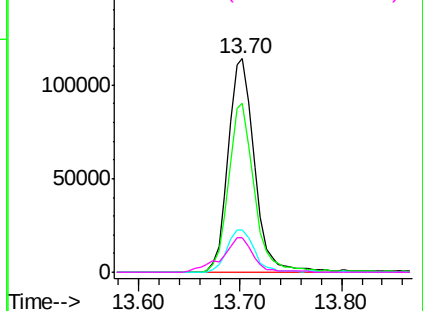
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		205417		
214	76.8		63.0	94.4	
179	20.8		17.0	25.6	
108	19.2		12.8	19.2	

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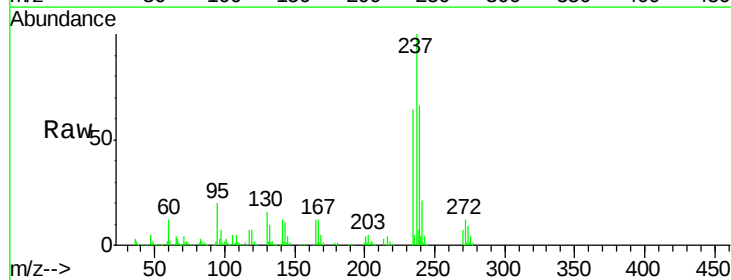


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

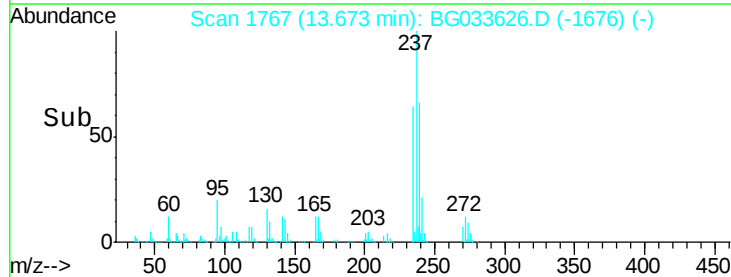
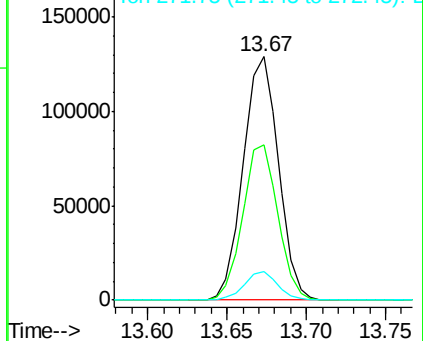


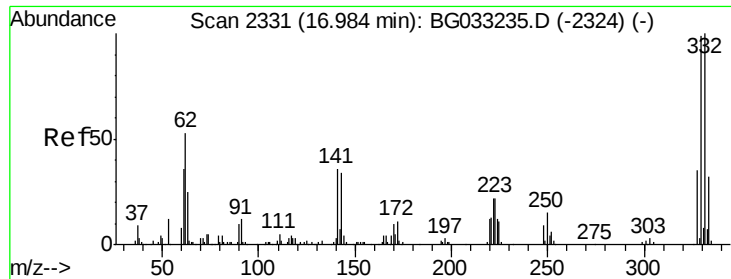
#40
 Hexachlorocyclopentadiene
 Concen: 69.706 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		199286		
235	64.0		50.4	90.4	
272	11.9		0.0	31.8	



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





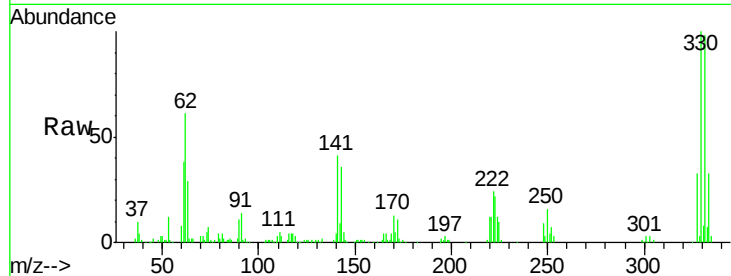
#41
 2,4,6-Tribromophenol
 Concen: 80.685 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	162471		
332	97.1	77.0	115.6	
141	41.7	25.2	37.8	

Manual Integrations
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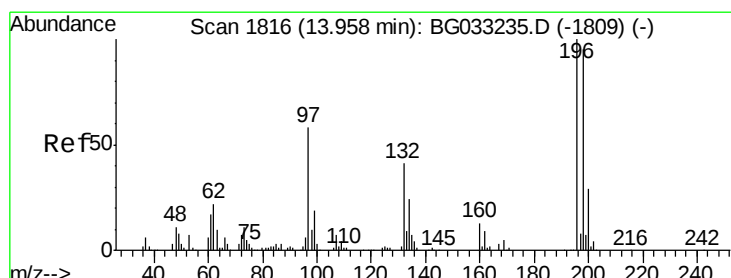
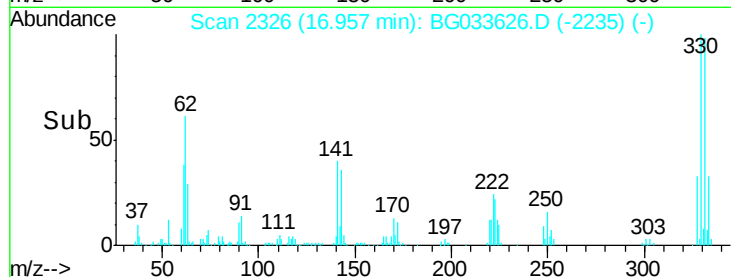
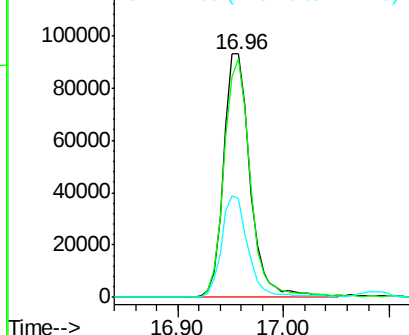


Abundance

Ion 329.80 (329.50 to 330.50): E

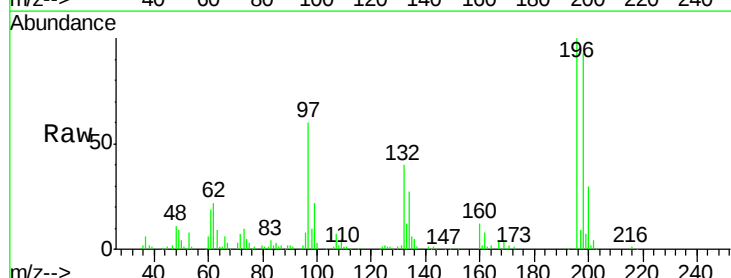
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.931 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124479		
198	93.3	78.2	117.2	
200	29.9	24.6	36.8	

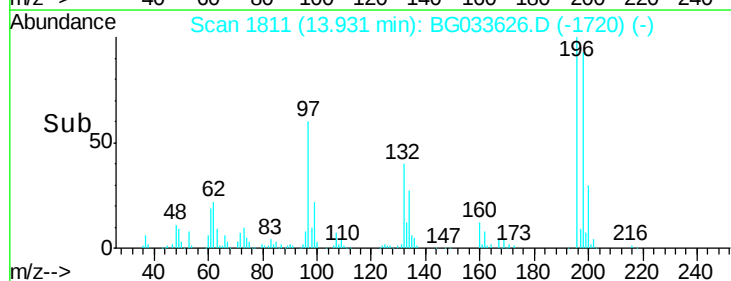
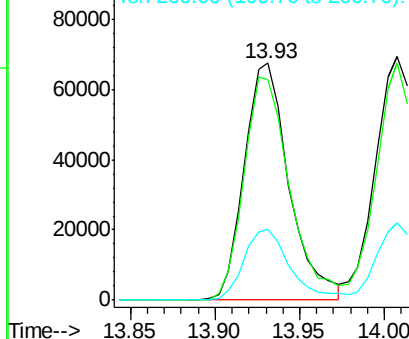


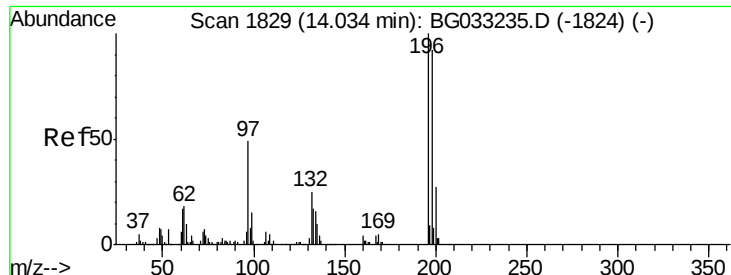
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





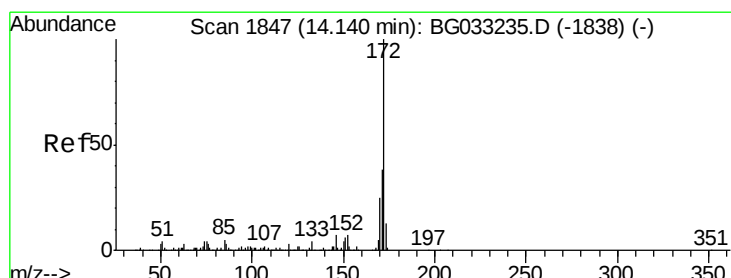
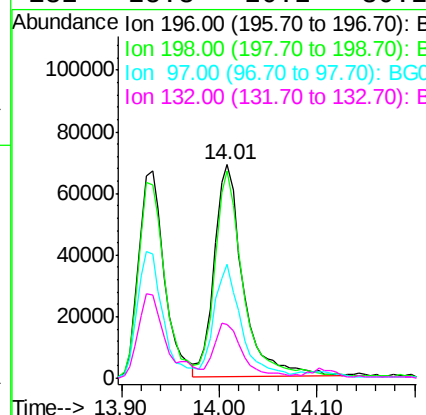
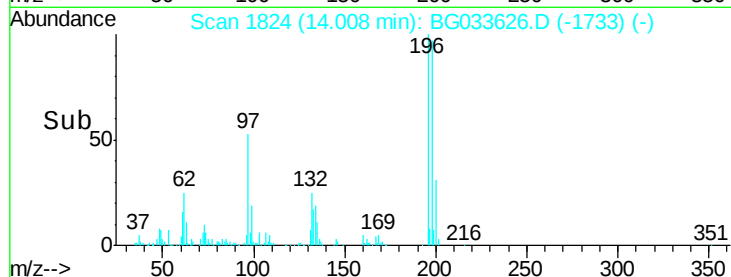
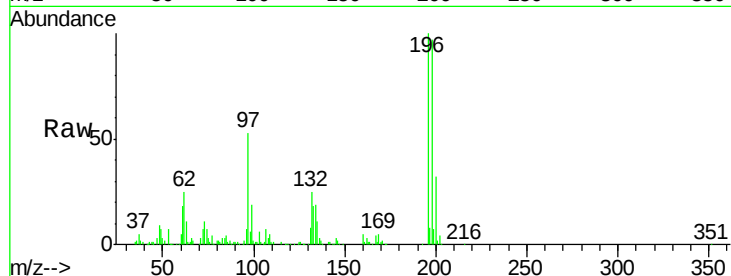
#43
 2,4,5-Trichlorophenol
 Concen: 42.348 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampled :
 PB107995BS

Tot Ion:	196	Resp:	141830
Ion Ratio	Lower	Upper	
196	100		
198	97.3	76.2	114.4
97	53.3	38.7	58.1
132	25.3	20.2	30.2

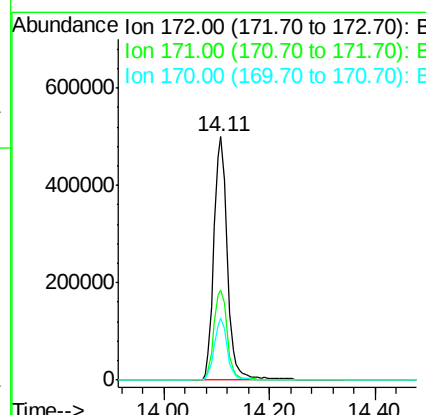
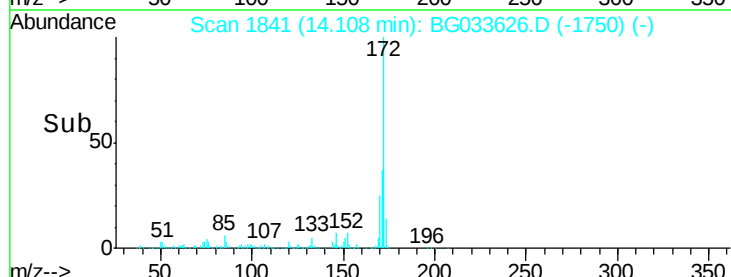
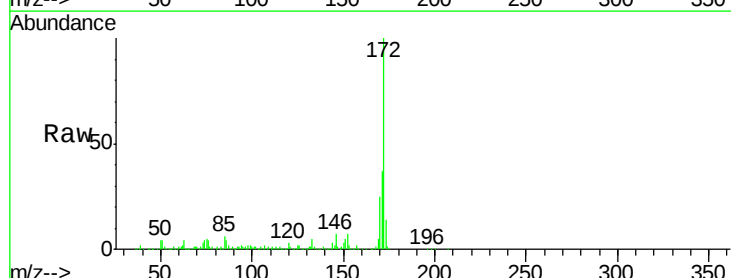
Manual Integrations
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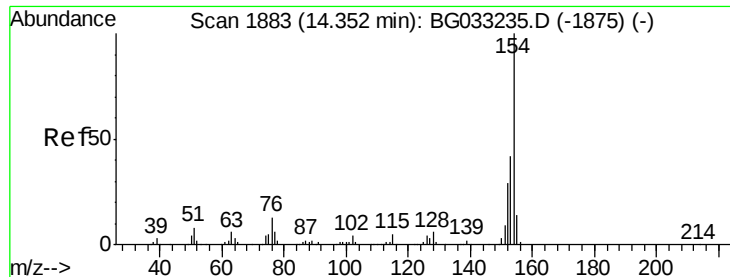
Sohil
 4/6/2018 5:28:10 PM



#44
 2-Fluorobiphenyl
 Concen: 95.816 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion:	172	Resp:	893607
Ion Ratio	Lower	Upper	
172	100		
171	36.9	30.0	45.0
170	25.4	19.5	29.3





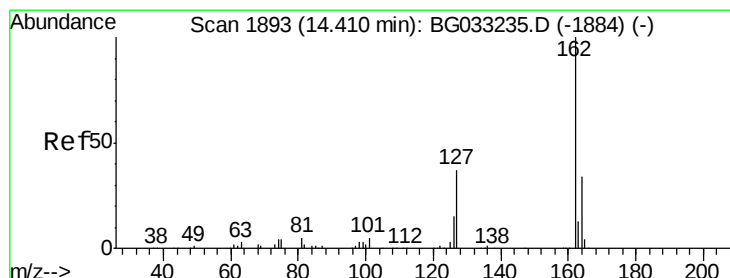
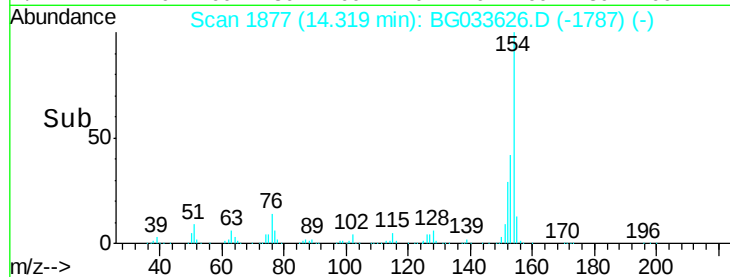
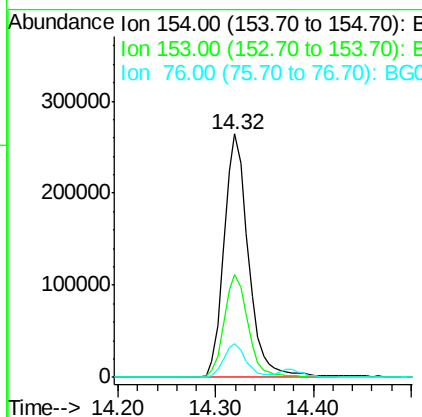
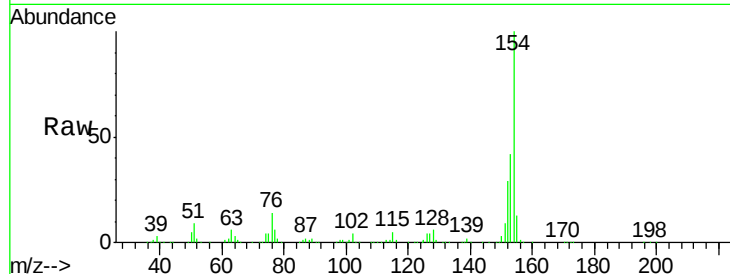
#45
 1,1'-Biphenyl
 Concen: 44.493 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	19.8	59.8
76	13.6	0.0	31.9

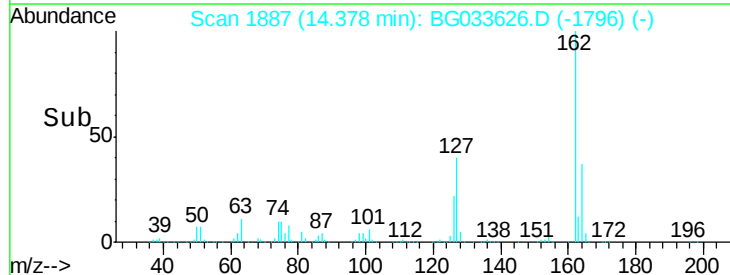
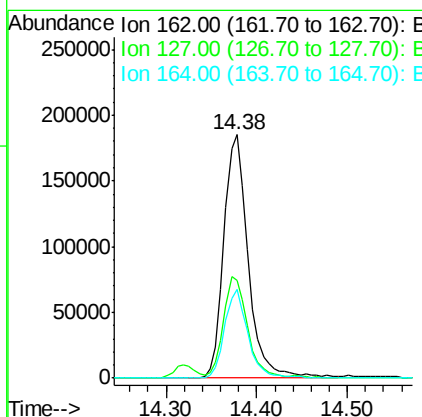
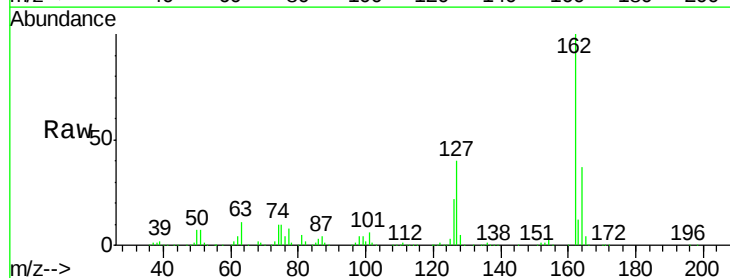
Manual Integrations
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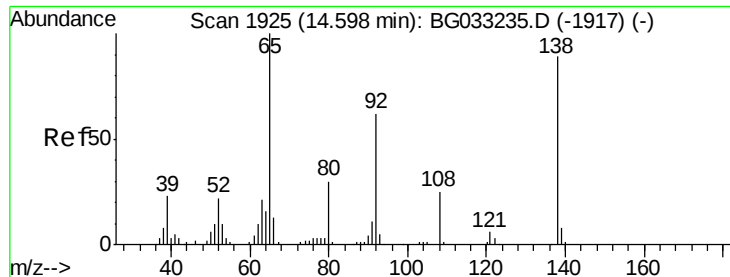
Sohil
 4/6/2018 5:28:10 PM



#46
 2-Chloronaphthalene
 Concen: 43.502 ng
 RT: 14.38 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.7	46.1
164	36.7	26.0	39.0





#47

2-Nitroaniline

Concen: 47.714 ng

RT: 14.57 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

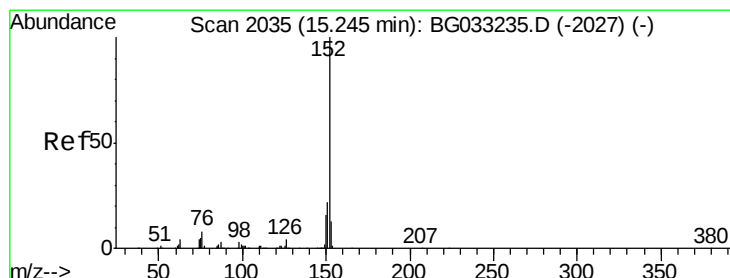
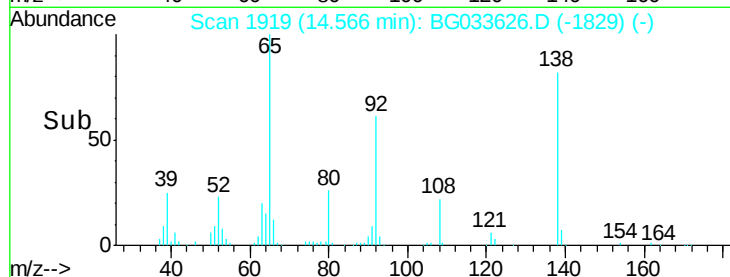
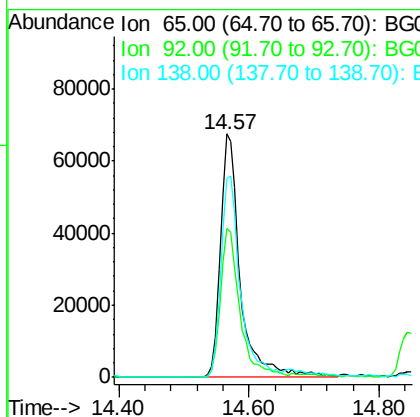
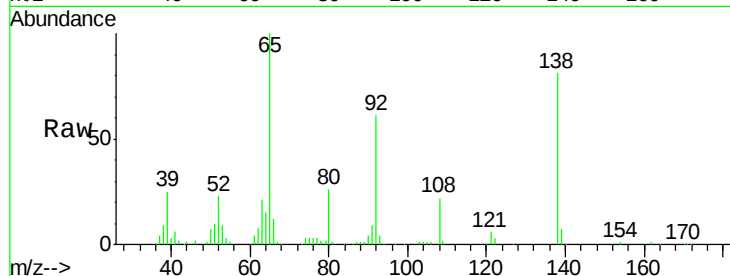
ClientSampleId :

PB107995BS

Tot Ion:	65	Resp:	142536
Ion	Ratio	Lower	Upper
65	100		
92	60.9	54.6	82.0
138	81.4	72.9	109.3

Manual Integrations
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4/6/2018 5:28:10 PM



#48

Acenaphthylene

Concen: 42.688 ng

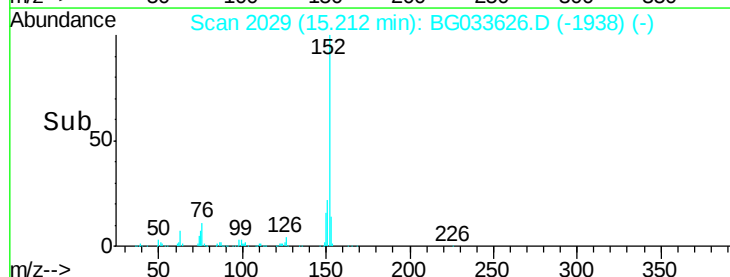
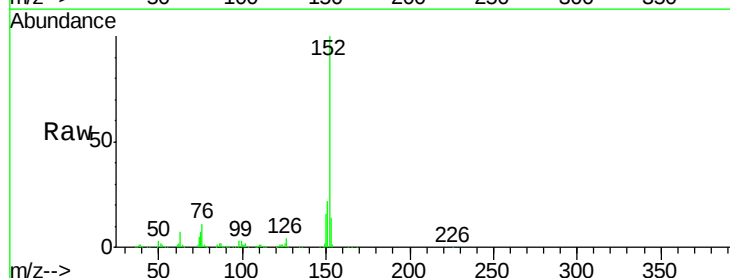
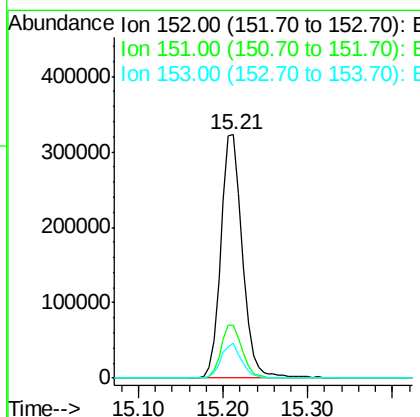
RT: 15.21 min Scan# 2029

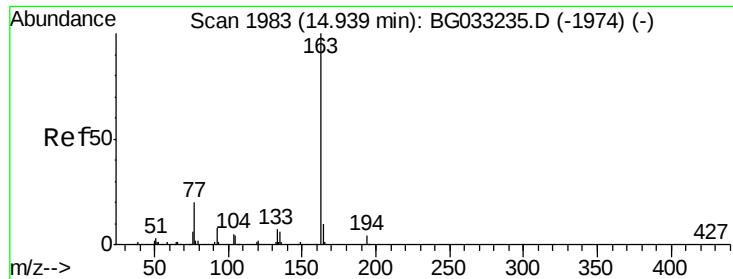
Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion:	152	Resp:	568305
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	14.2	10.2	15.4





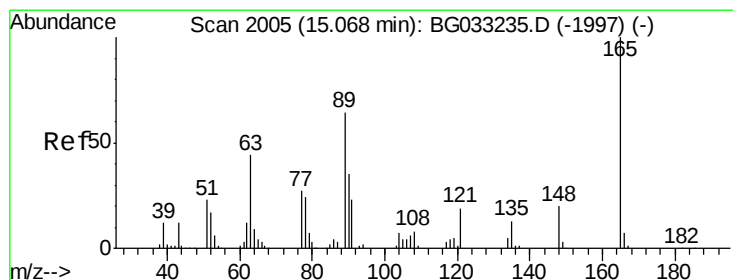
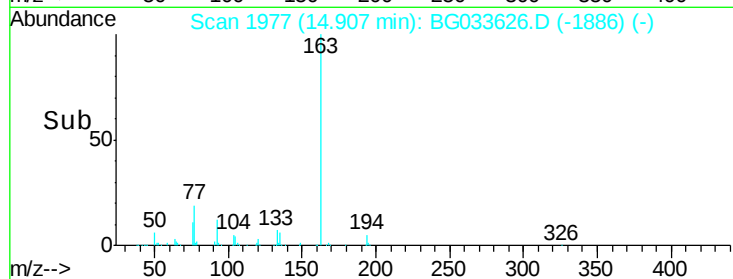
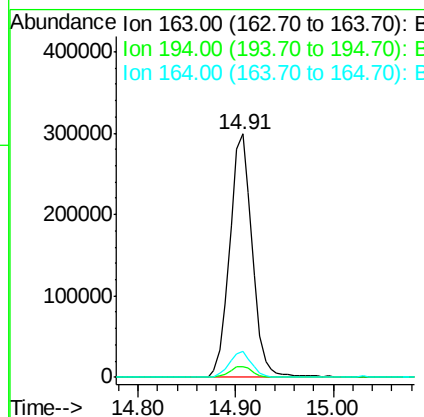
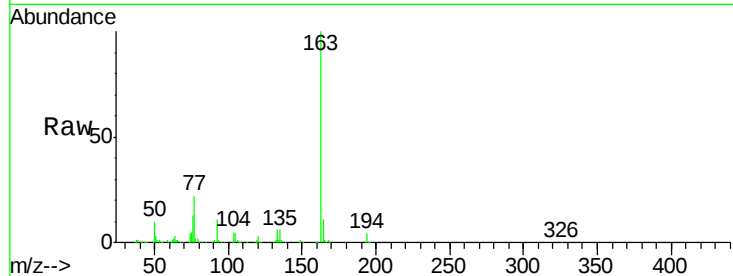
#49
Dimethylphthalate
Concen: 40.889 ng
RT: 14.91 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	479096		
194	4.2		3.4	5.2
164	10.9		8.2	12.4

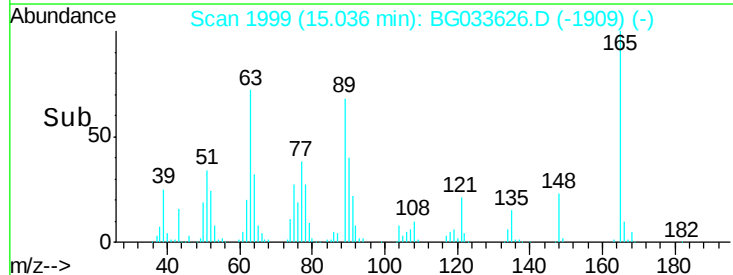
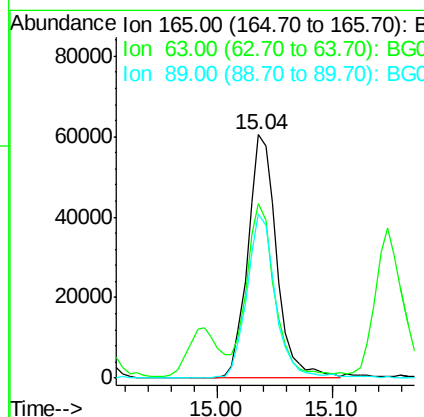
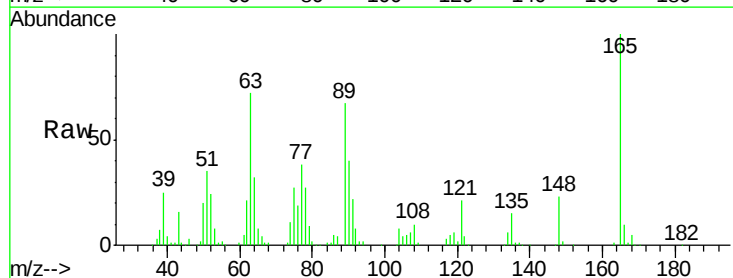
Manual Integrations
APPROVED

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#50
2,6-Dinitrotoluene
Concen: 43.714 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	104730		
63	71.8		52.7	79.1
89	67.3		49.2	73.8





#51

Acenaphthene

Concen: 44.517 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

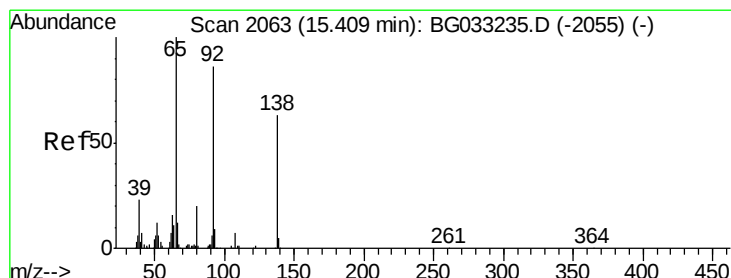
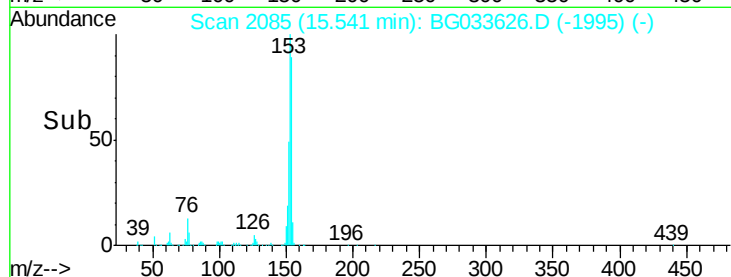
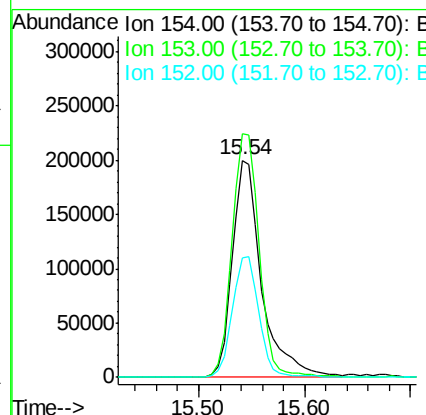
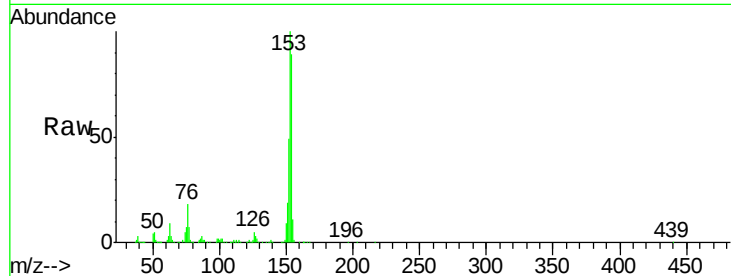
ClientSampleId :

PB107995BS

Tot Ion:	154	Resp:	382047
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.4	135.6
152	55.0	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 16.685 ng

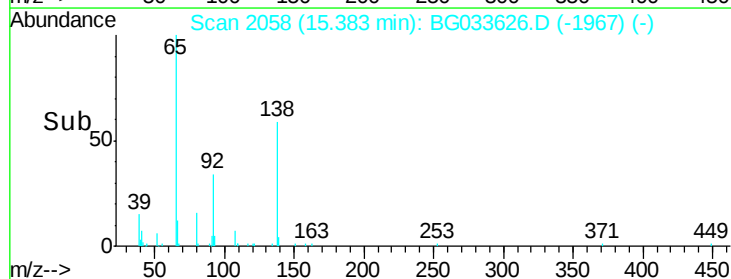
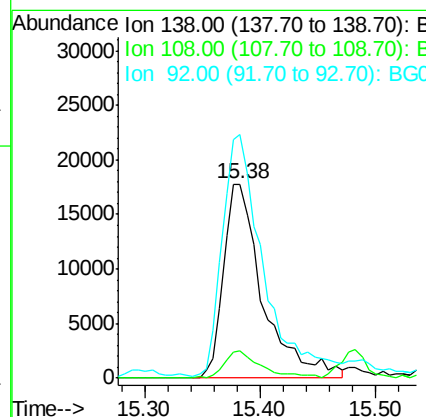
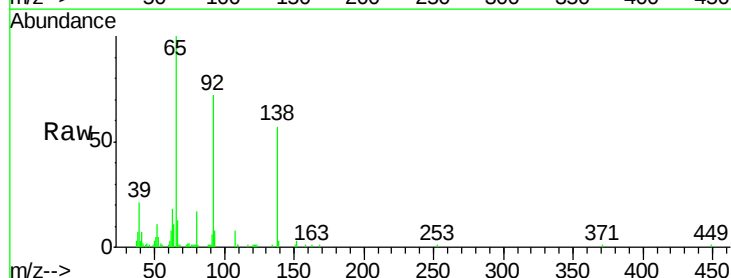
RT: 15.38 min Scan# 2058

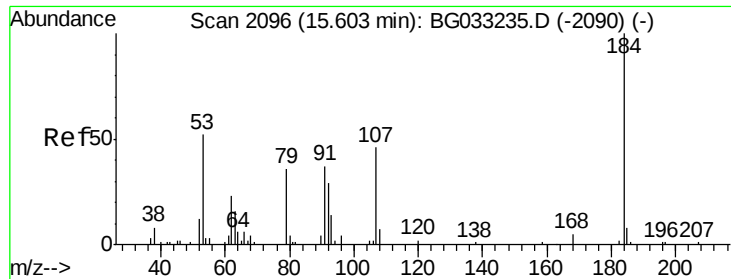
Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion:	138	Resp:	41908
Ion Ratio	Lower	Upper	
138	100		
108	14.0	17.5	26.3#
92	125.6	105.8	158.8





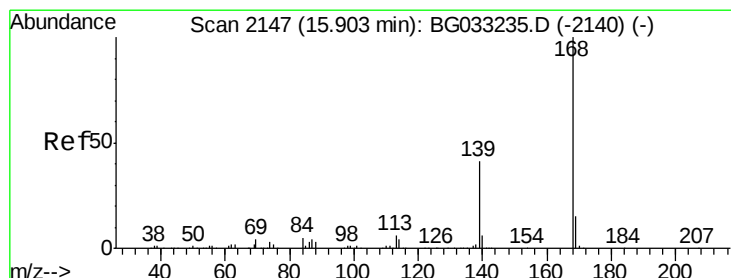
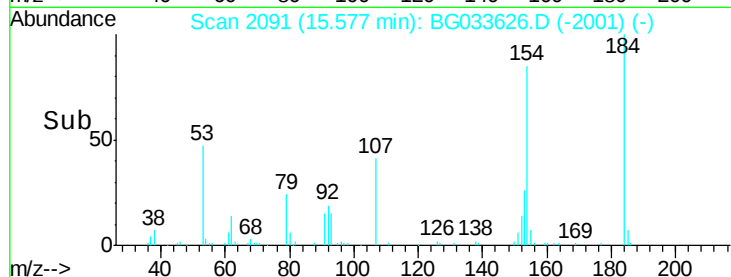
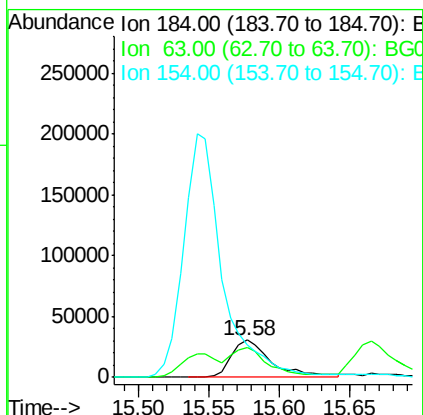
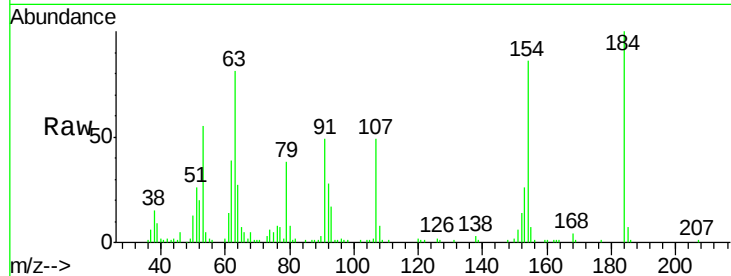
#53
2,4-Dinitrophenol
Concen: 51.949 ng
RT: 15.58 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.0	59.8	89.8
154	85.7	101.8	152.8#

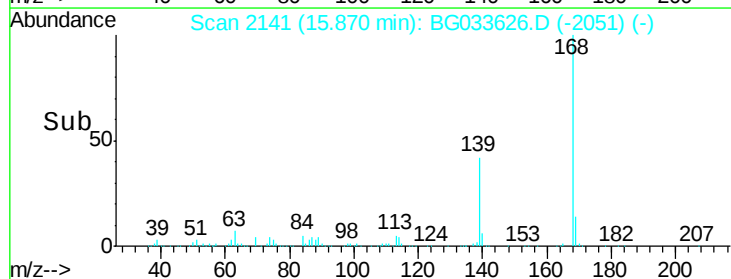
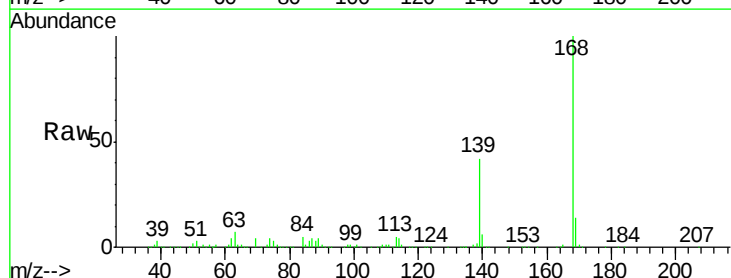
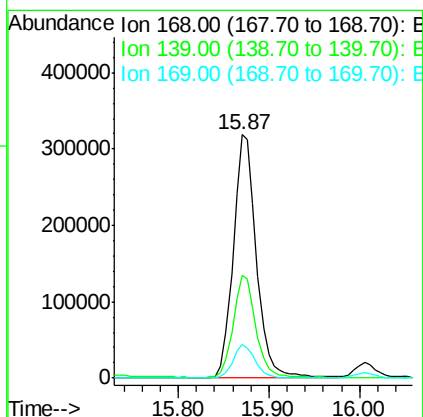
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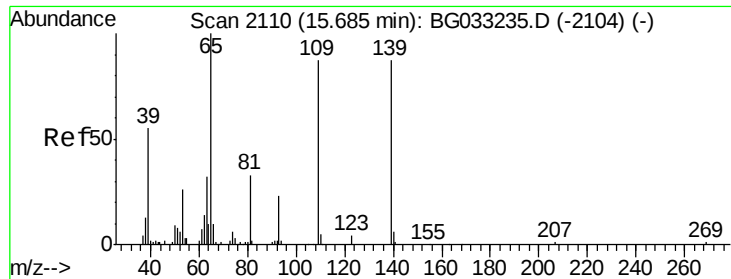
Sohil
4/6/2018 5:28:10 PM



#54
Dibenzofuran
Concen: 44.617 ng
RT: 15.87 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.0	28.6	43.0
169	14.0	11.2	16.8





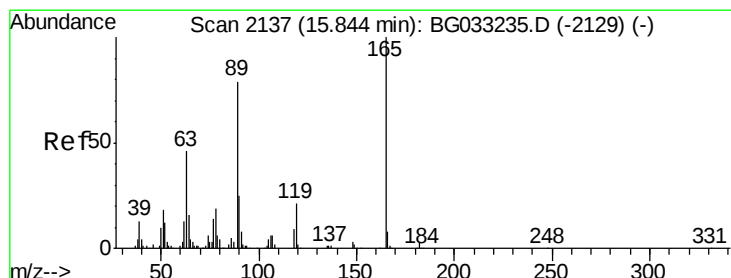
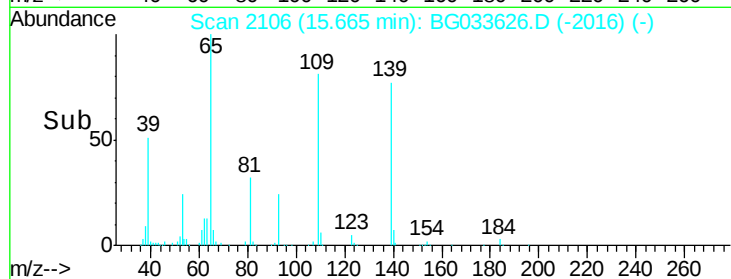
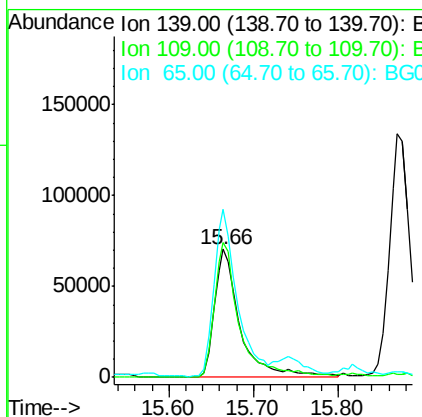
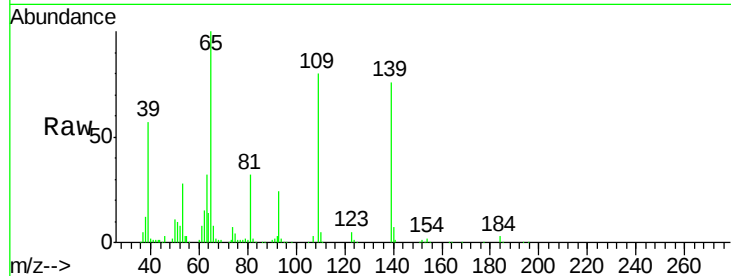
#55
4-Nitrophenol
Concen: 85.303 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	105.0	62.2	102.2#
65	131.6	97.2	137.2

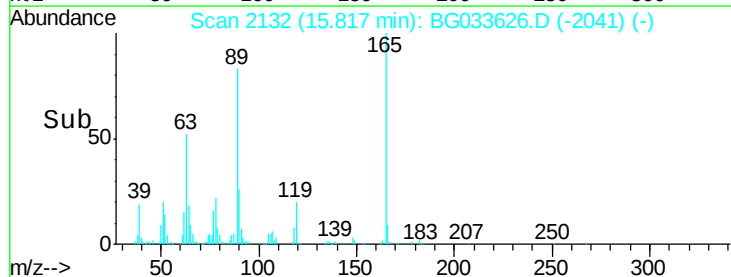
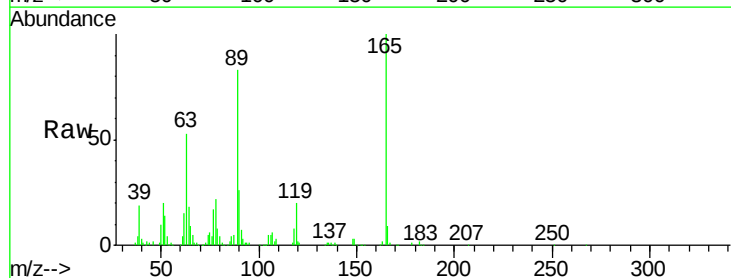
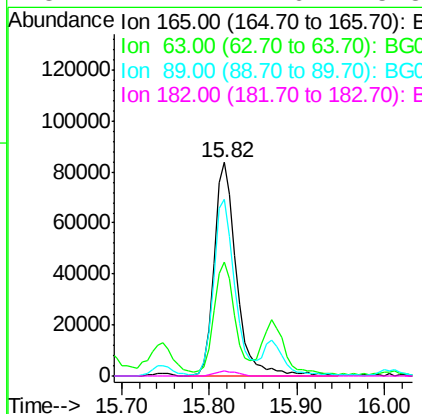
Manual Integrations
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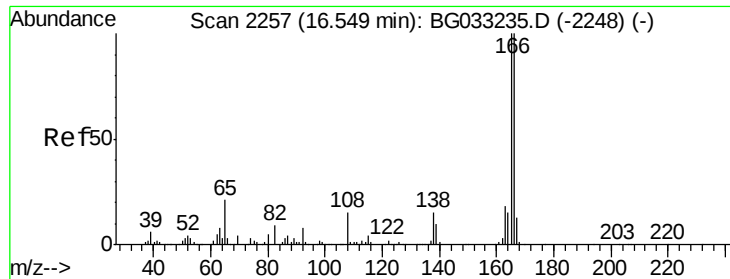
Sohil
4/6/2018 5:28:10 PM



#56
2,4-Dinitrotoluene
Concen: 42.486 ng
RT: 15.82 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.1	42.0	63.0
89	82.6	66.9	100.3
182	2.2	2.6	3.8#





#57

Fluorene

Concen: 43.068 ng

RT: 16.52 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

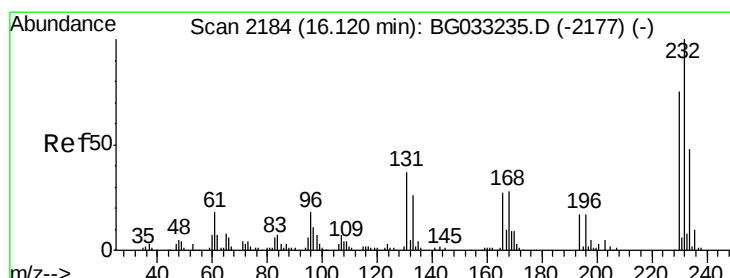
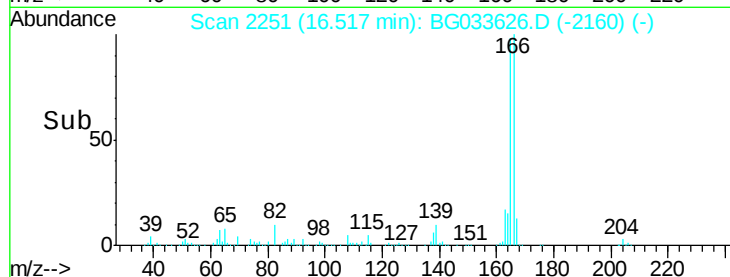
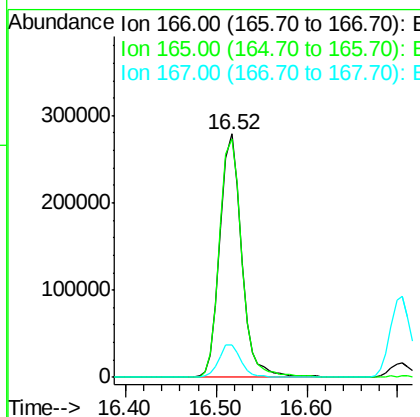
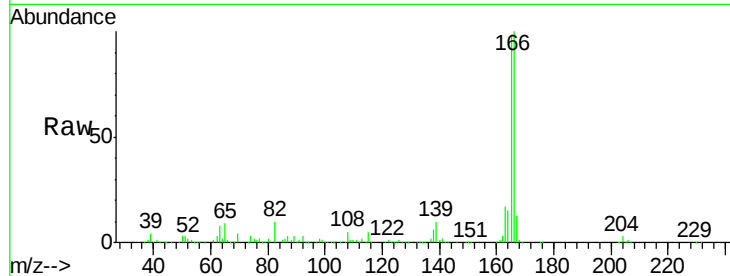
ClientSampleId :

PB107995BS

Tot Ion:	166	Resp:	465118
Ion Ratio	Lower	Upper	
166	100		
165	98.0	80.6	121.0
167	13.1	10.4	15.6

Manual Integrations
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4/6/2018 5:28:10 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.555 ng

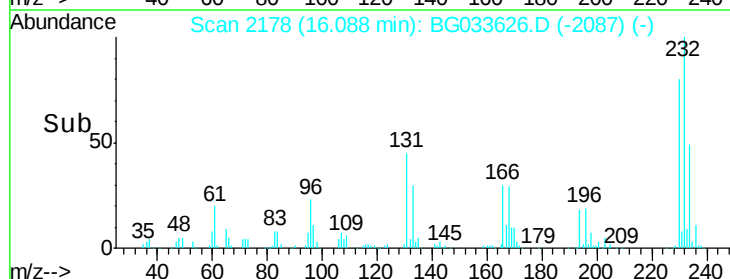
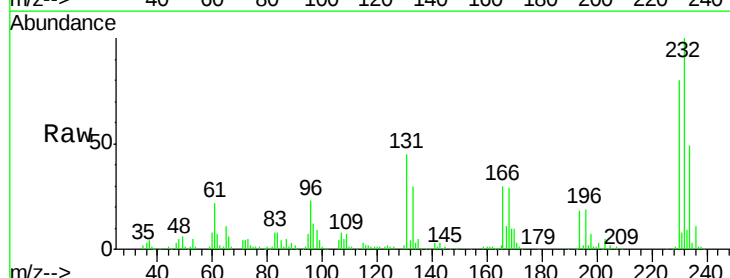
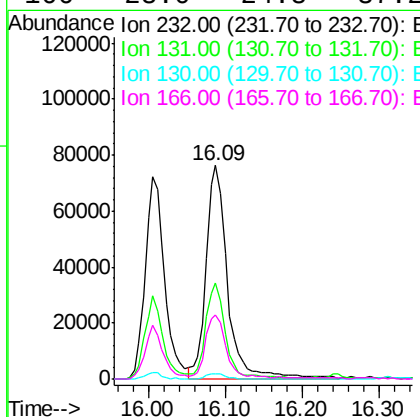
RT: 16.09 min Scan# 2178

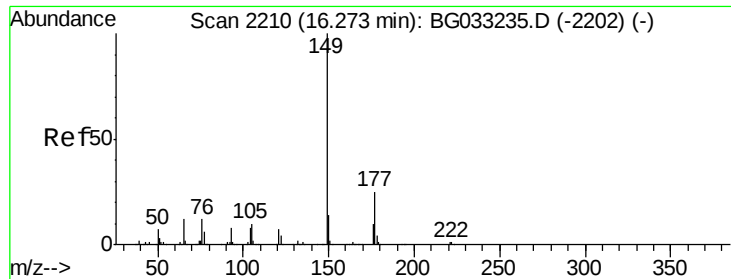
Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion:	232	Resp:	146788
Ion Ratio	Lower	Upper	
232	100		
131	40.0	33.5	50.3
130	2.3	2.2	3.2
166	28.0	24.8	37.2





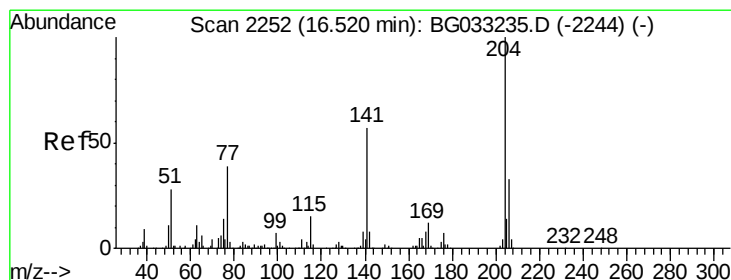
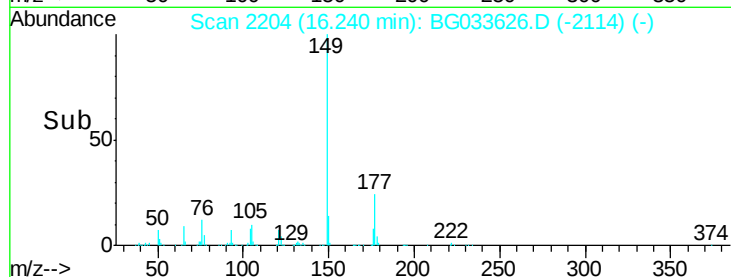
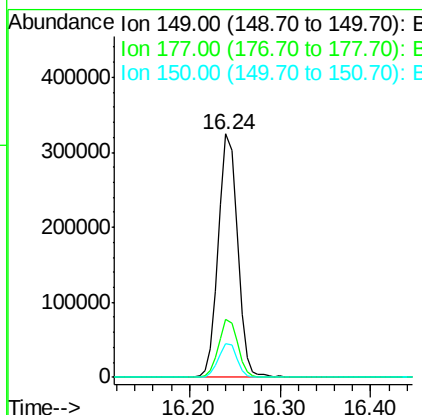
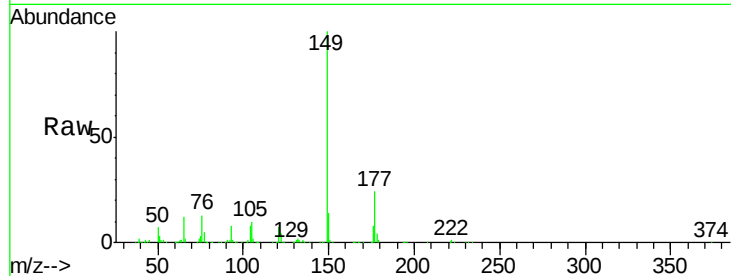
#59
Diethylphthalate
Concen: 41.954 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	477336		
177	24.0		18.5	27.7
150	13.7		10.2	15.2

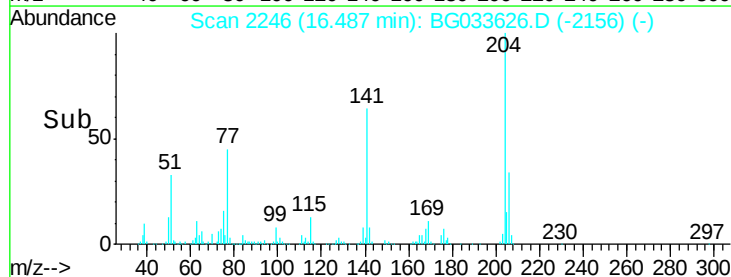
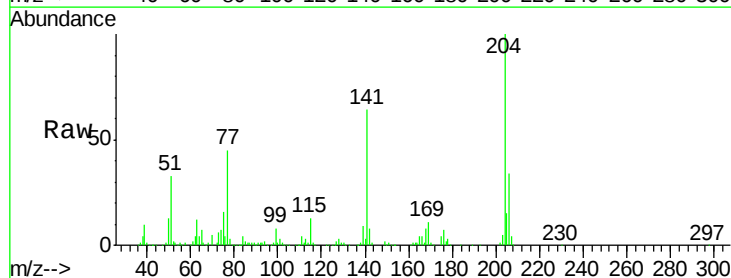
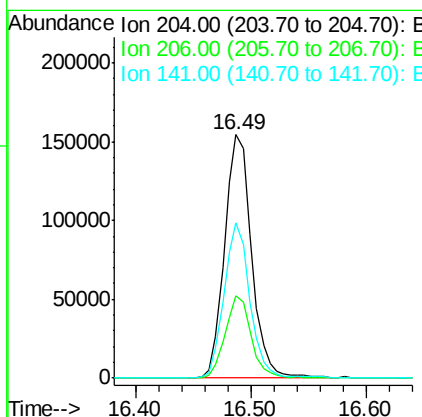
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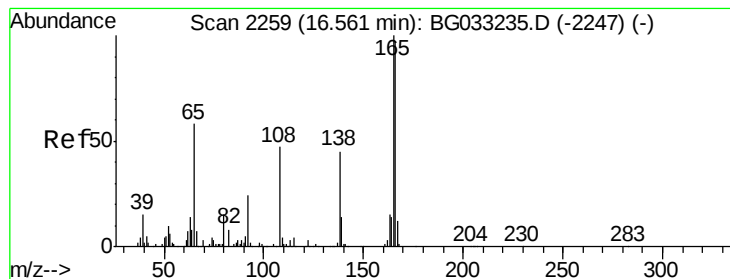
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.319 ng
RT: 16.49 min Scan# 2246
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	250301		
206	34.0		26.2	39.2
141	63.7		45.8	68.6





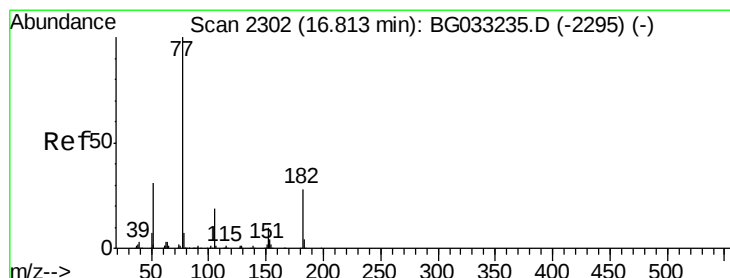
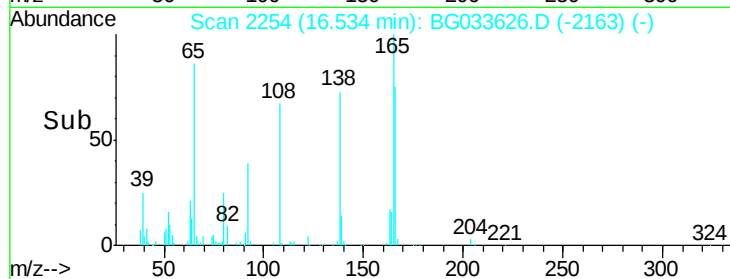
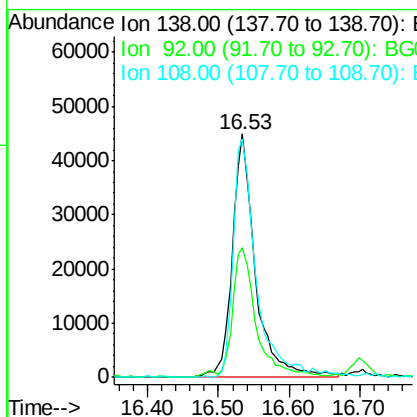
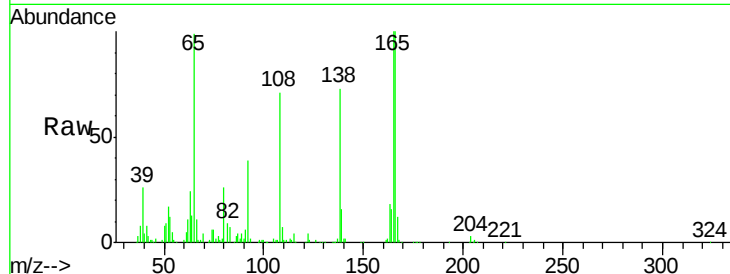
#61
 4-Nitroaniline
 Concen: 40.223 ng
 RT: 16.53 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

Tot Ion:	138	Resp:	102310
Ion Ratio	Lower	Upper	
138	100		
92	53.5	40.1	80.1
108	98.0	65.4	105.4

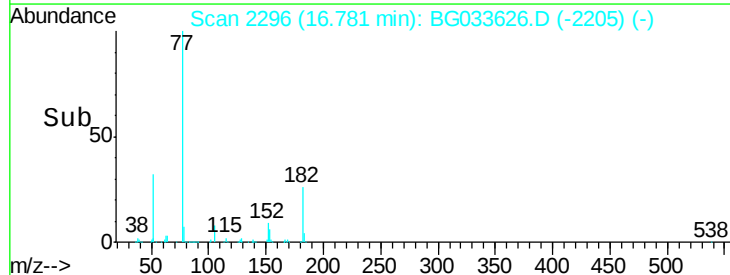
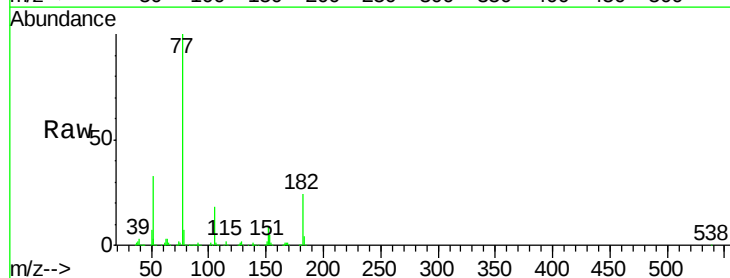
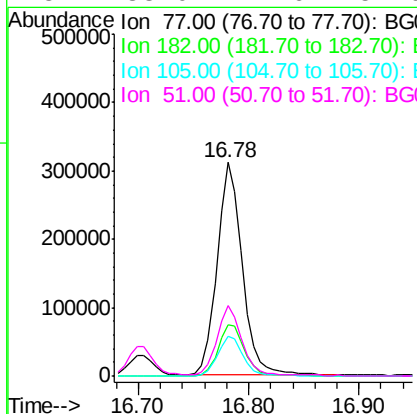
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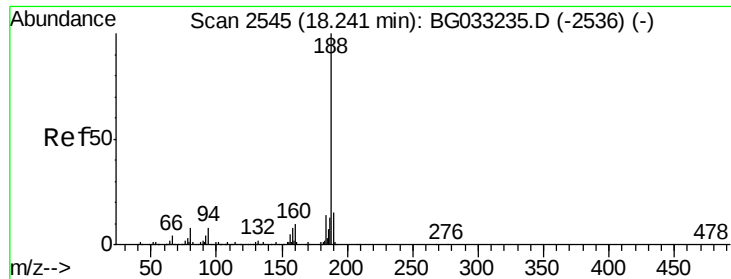
Sohil
 4/6/2018 5:28:10 PM



#62
 Azobenzene
 Concen: 44.727 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion:	77	Resp:	492948
Ion Ratio	Lower	Upper	
77	100		
182	24.3	7.4	47.4
105	18.3	0.3	40.3
51	33.0	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

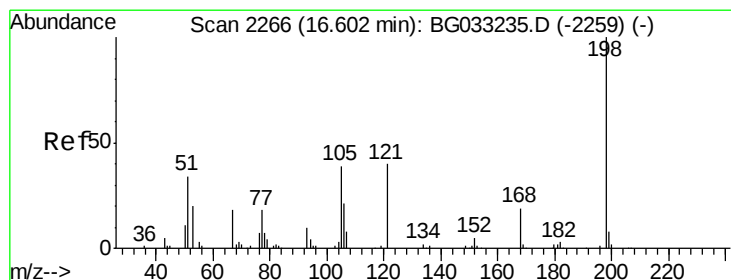
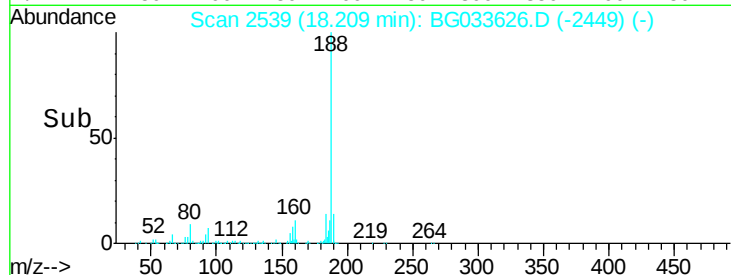
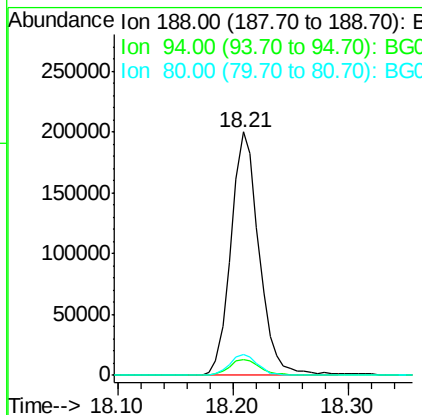
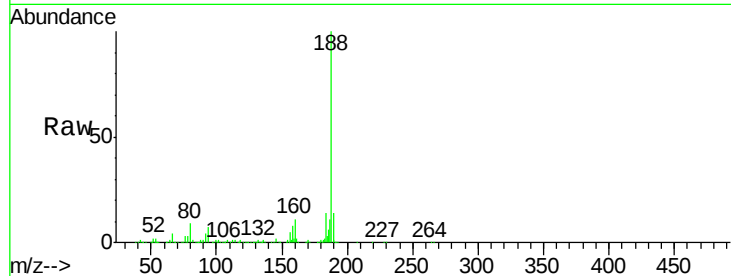
ClientSampleId :

PB107995BS

Tot Ion:	188	Resp:	337280
Ion Ratio	Lower	Upper	
188	100		
94	6.7	6.9	10.3#
80	8.8	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 32.933 ng

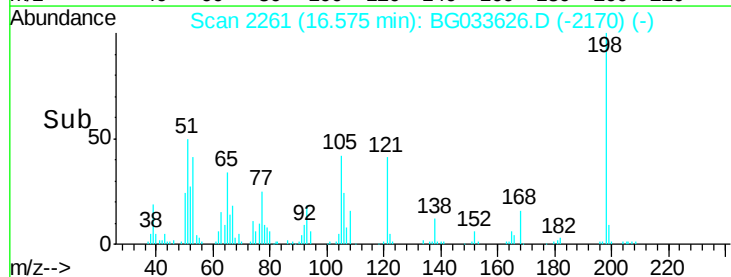
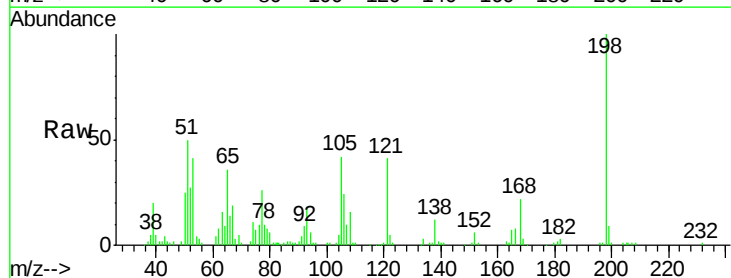
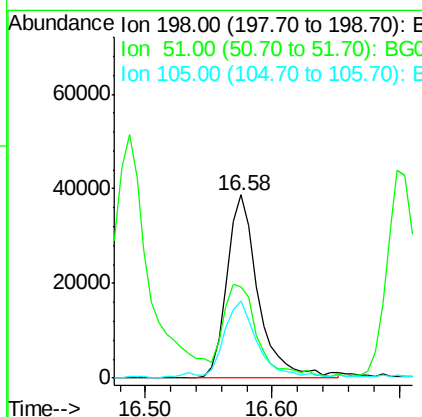
RT: 16.58 min Scan# 2261

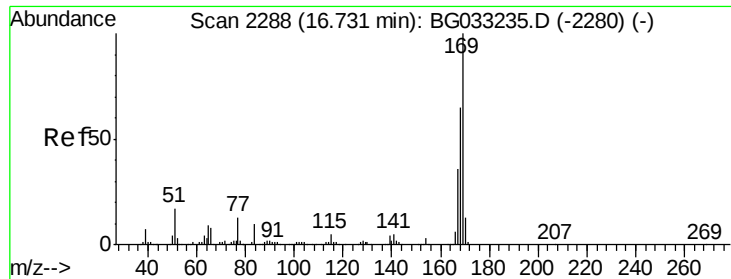
Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion:	198	Resp:	66449
Ion Ratio	Lower	Upper	
198	100		
51	50.1	30.6	70.6
105	41.9	23.8	63.8





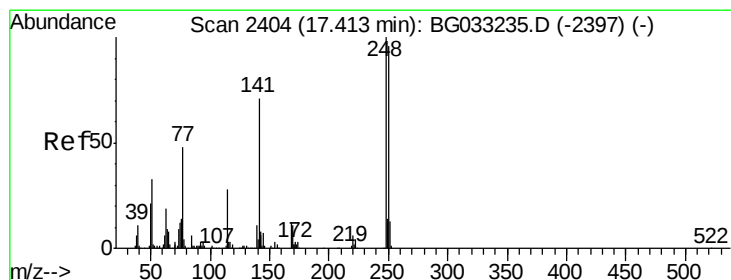
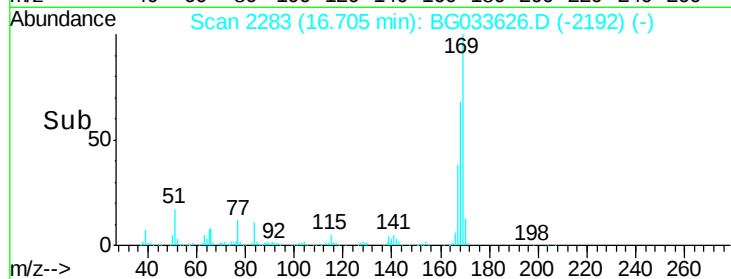
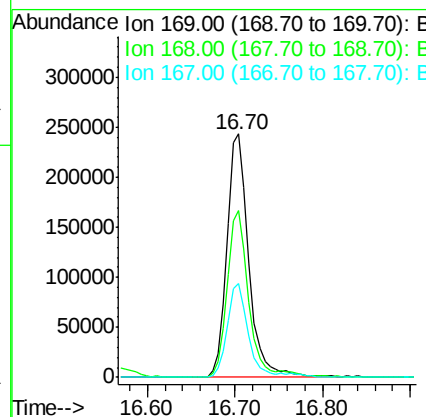
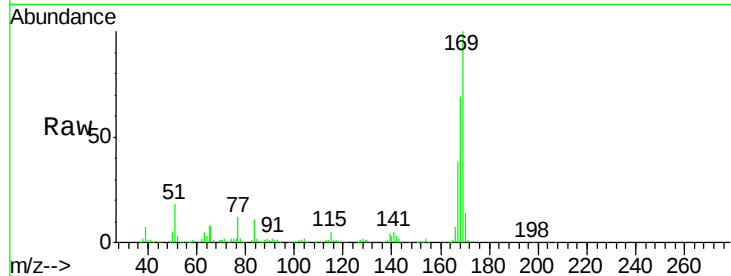
#65
n-Nitrosodiphenylamine
Concen: 43.725 ng
RT: 16.70 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		421022		
168	68.8	55.7		83.5	
167	38.3	30.1		45.1	

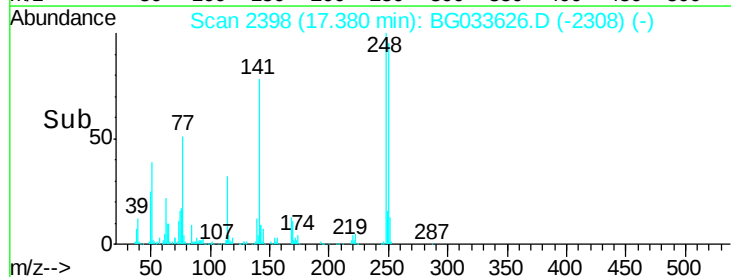
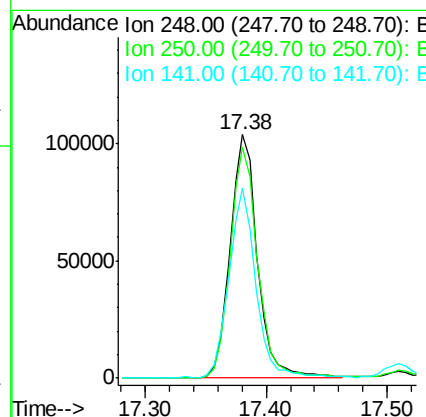
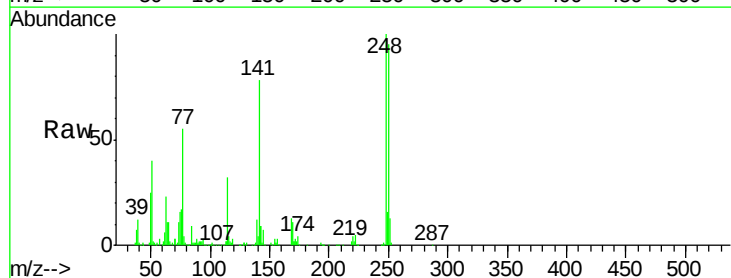
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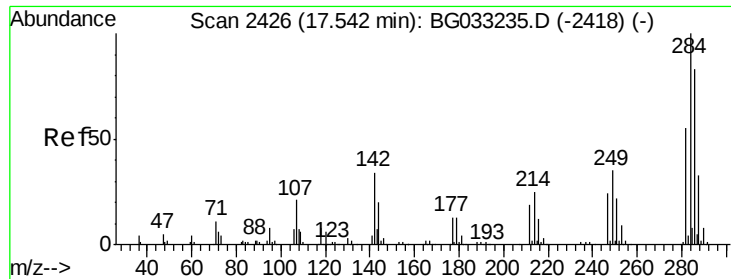
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 41.212 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		163244		
250	94.7	77.1		115.7	
141	77.9	50.8		76.2#	





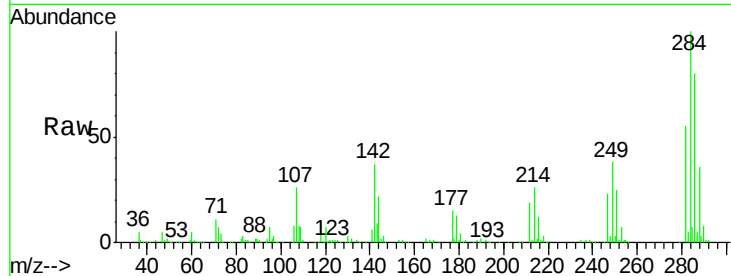
#67
Hexachlorobenzene
Concen: 39.781 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

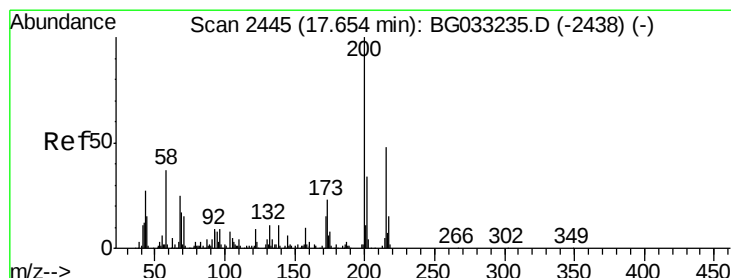
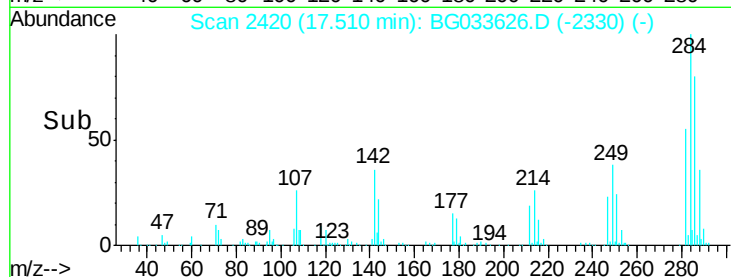
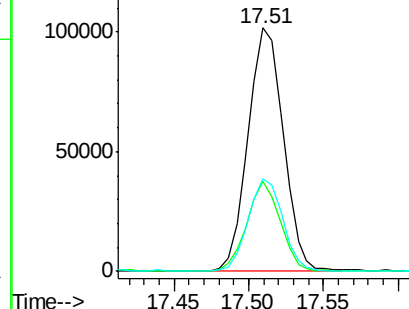
Tot Ion	Ratio	Resp	Lower	Upper
284	100	166299		
142	36.8	26.8	40.2	
249	37.9	26.3	39.5	

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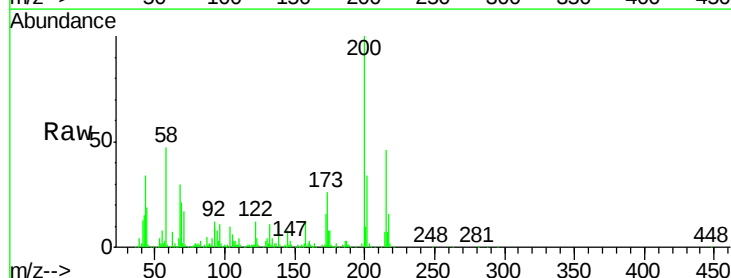


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

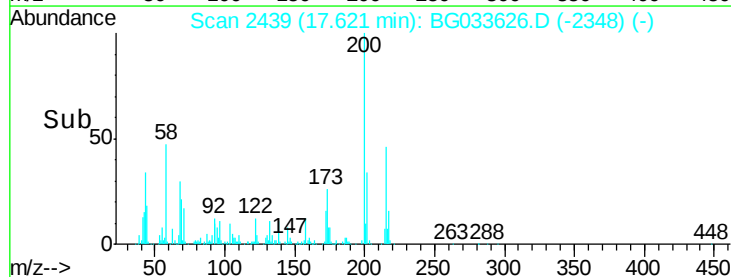
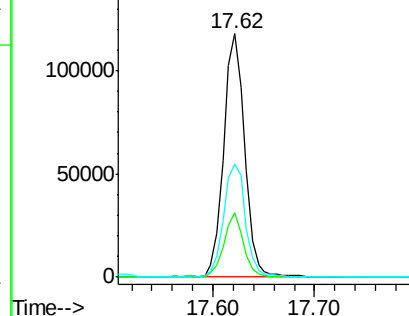


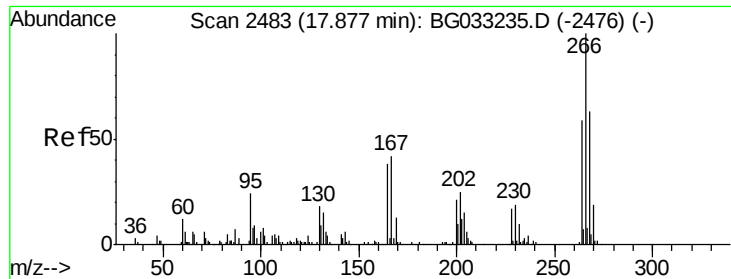
#68
Atrazine
Concen: 43.803 ng
RT: 17.62 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	170910		
173	26.2	5.2	45.2	
215	46.2	30.4	70.4	



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





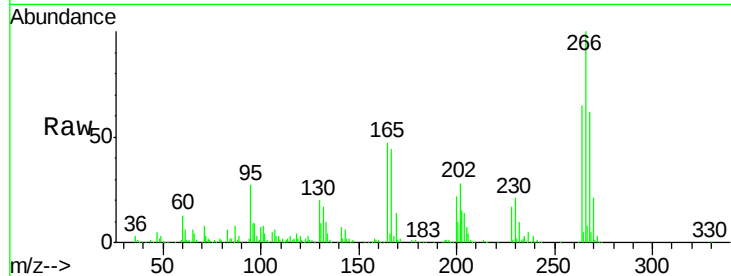
#69
 Pentachlorophenol
 Concen: 62.992 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.1	76.7
264	69.9	49.6	74.4

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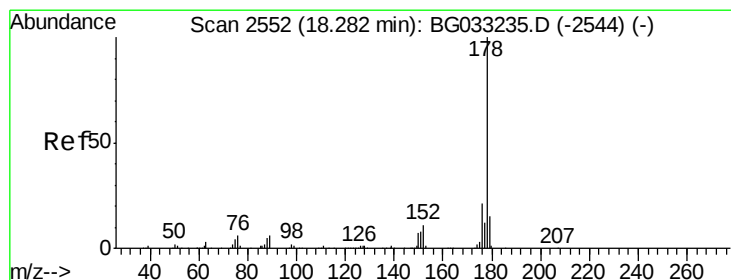
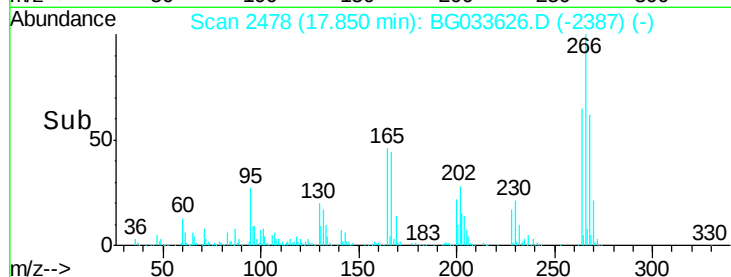
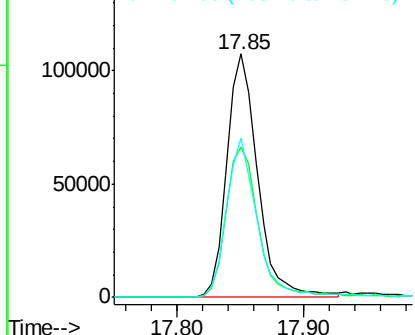


Abundance

Ion 265.70 (265.40 to 266.40): E

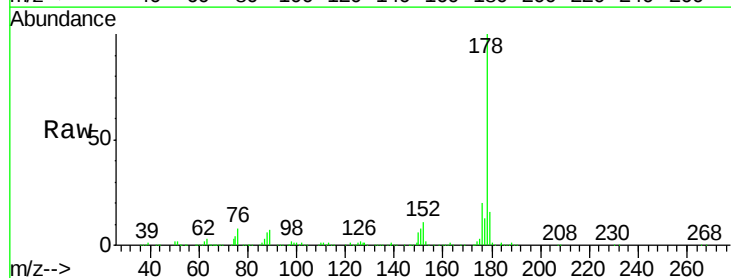
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.905 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.7	12.5	18.7

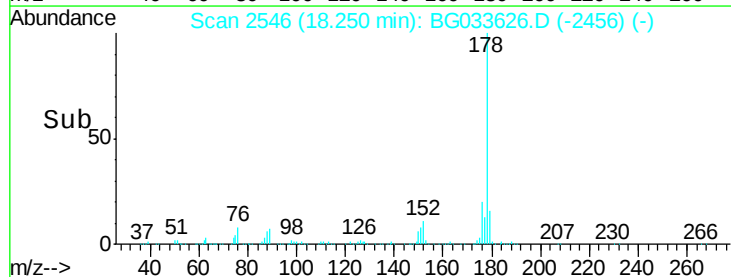
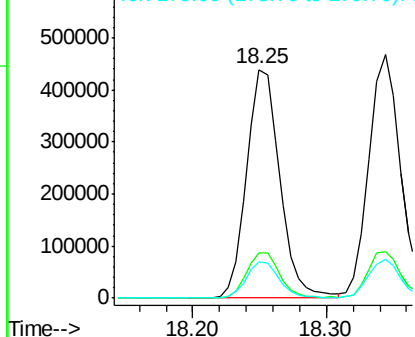


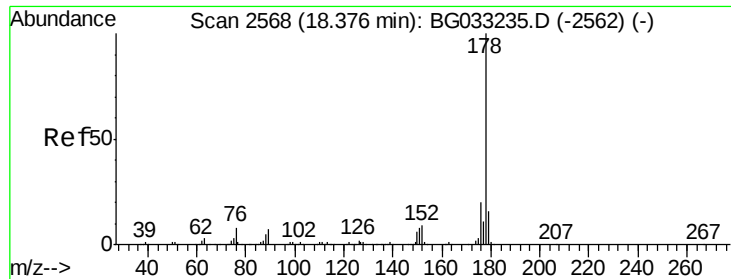
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





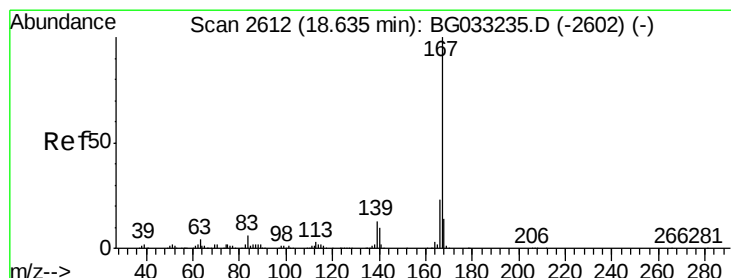
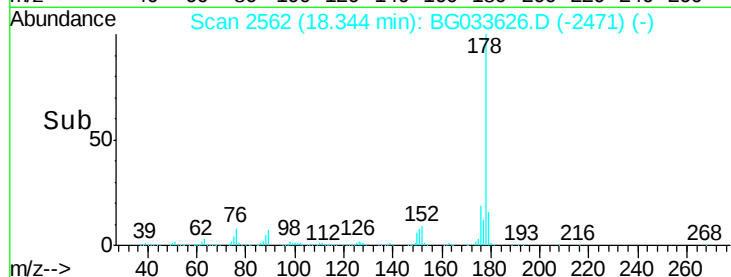
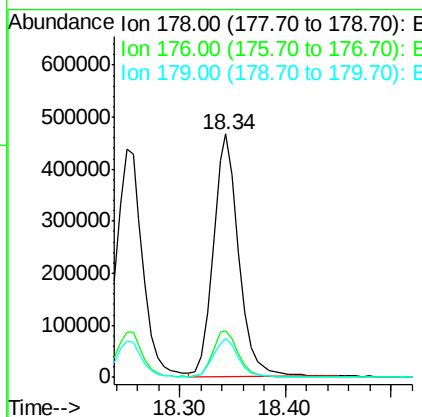
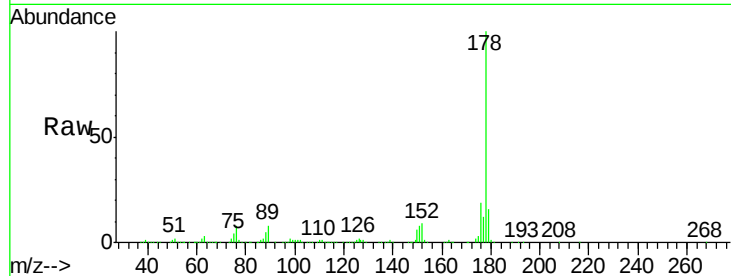
#71
 Anthracene
 Concen: 43.844 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	16.0	12.5	18.7

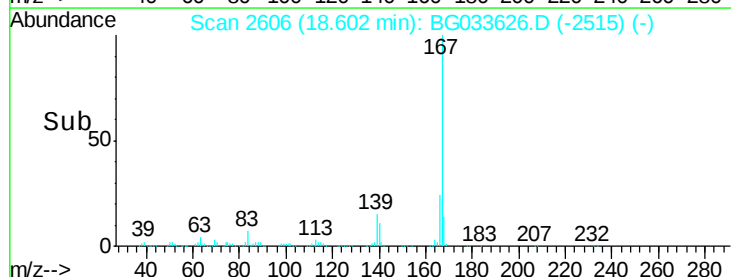
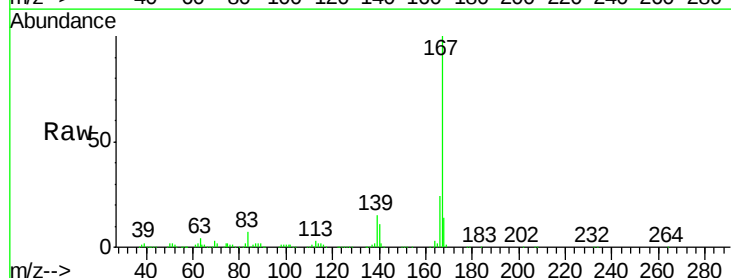
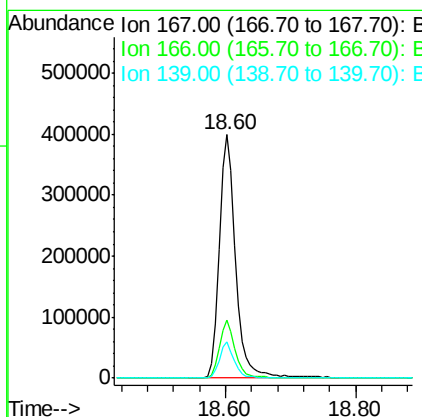
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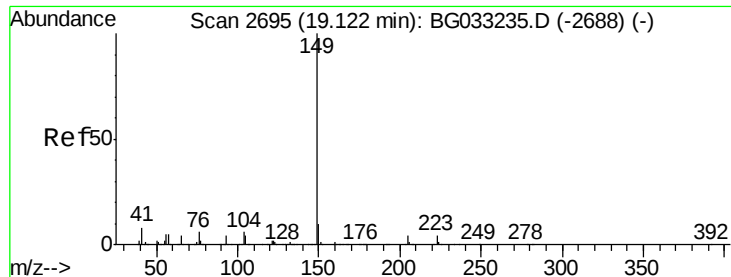
Sohil
 4/6/2018 5:28:10 PM



#72
 Carbazole
 Concen: 43.823 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.2	27.4
139	14.7	9.4	14.2#





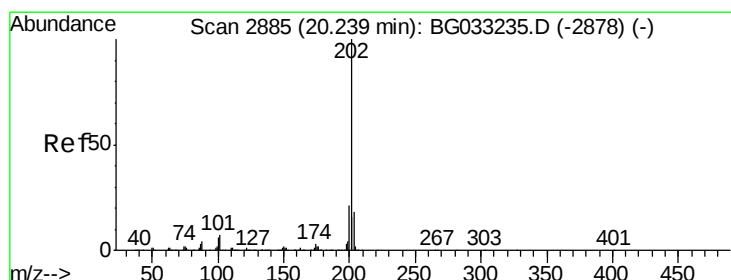
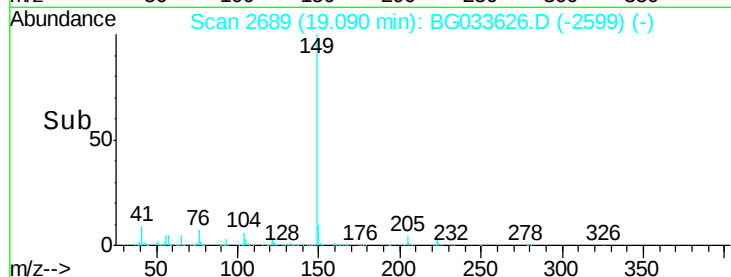
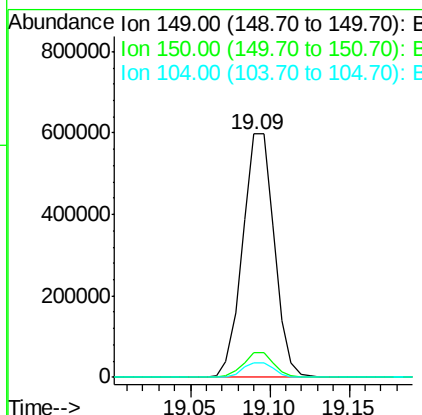
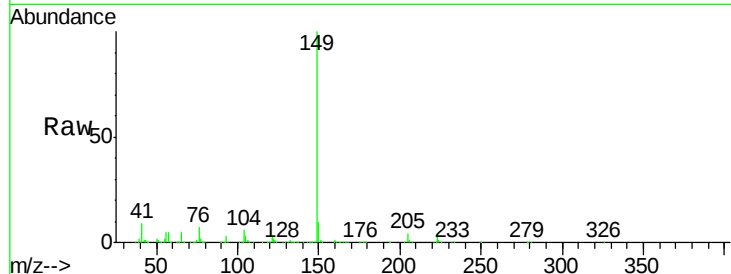
#73
Di-n-butylphthalate
Concen: 45.135 ng
RT: 19.09 min Scan# 2689
Delta R.T. -0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.4	7.8	11.6	
104	6.2	3.9	5.9	

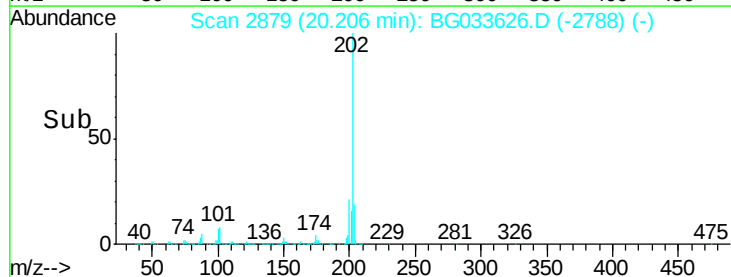
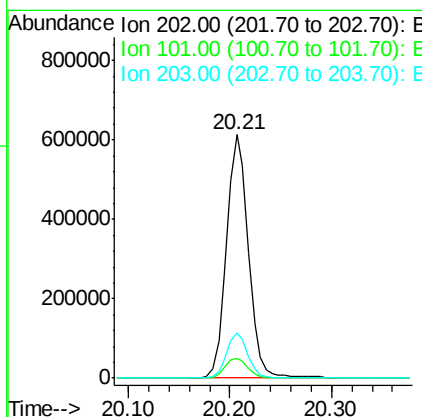
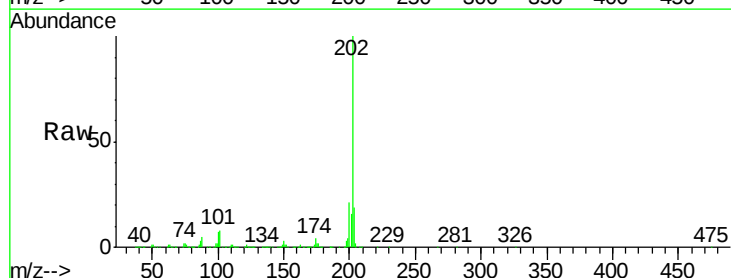
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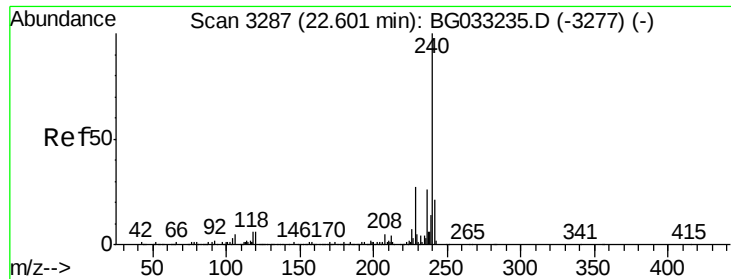
Sohil
4/6/2018 5:28:10 PM



#74
Fluoranthene
Concen: 42.282 ng
RT: 20.21 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.2	0.0	28.9	
203	18.6	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

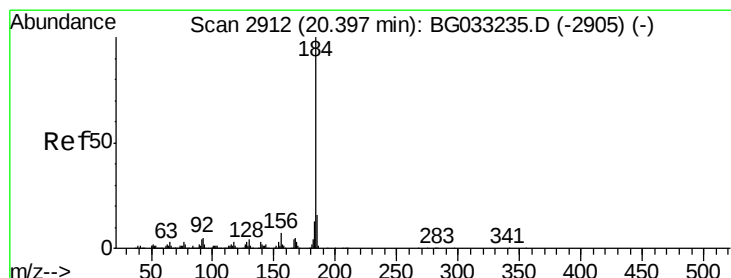
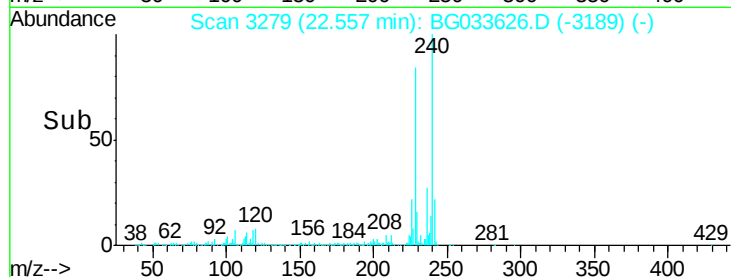
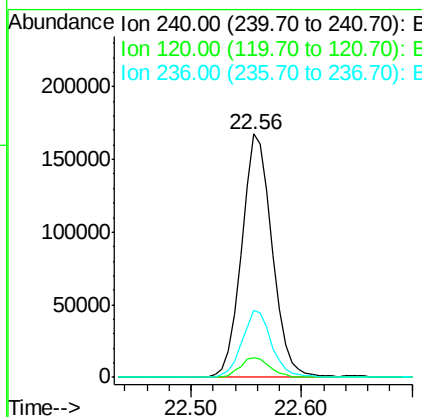
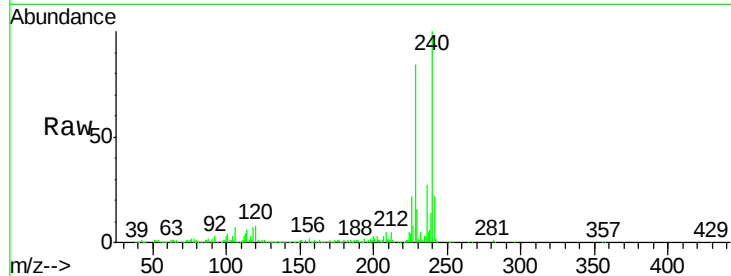
ClientSampleId :

PB107995BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	27.4	20.9	31.3

Manual Integrations
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4/6/2018 5:28:10 PM



#76

Benzidine

Concen: 20.836 ng

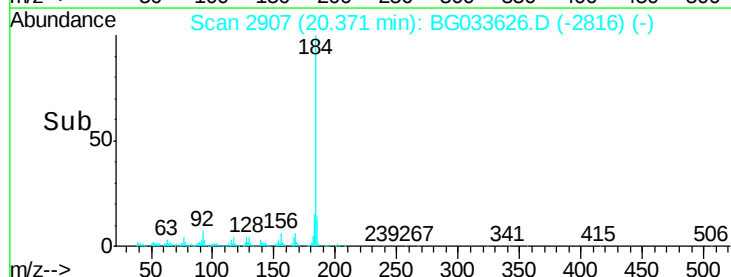
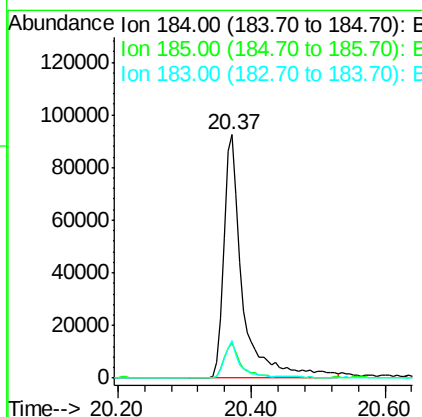
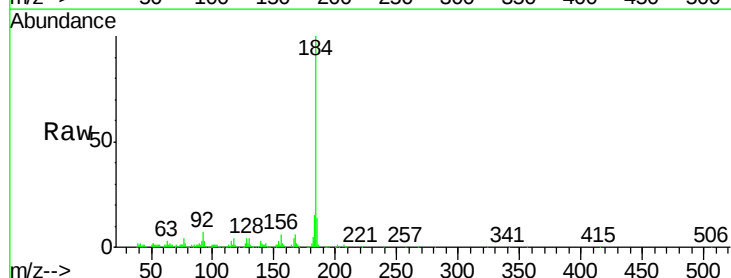
RT: 20.37 min Scan# 2907

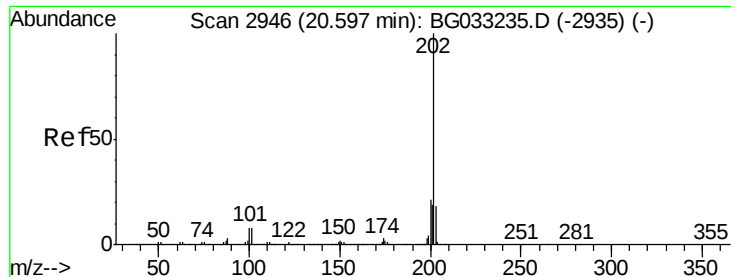
Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	15.4	10.6	16.0





#77

Pvrene

Concen: 42.990 ng

RT: 20.56 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

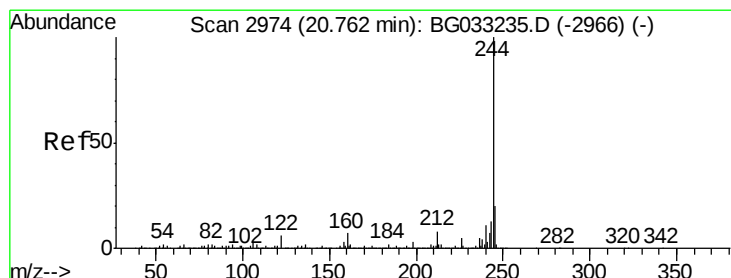
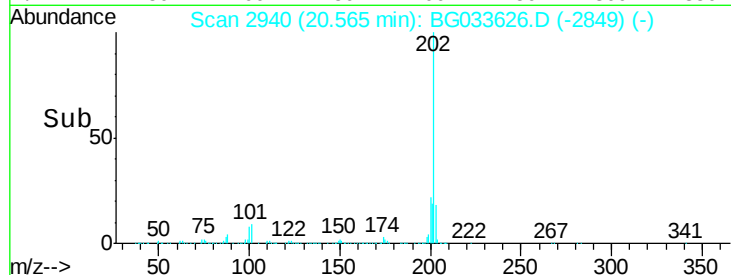
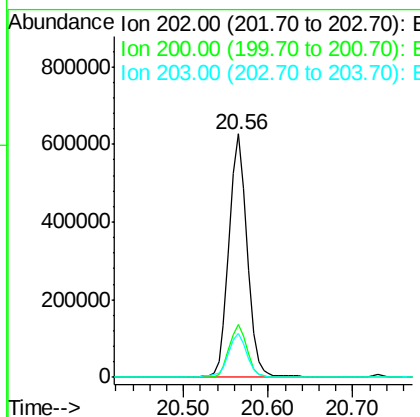
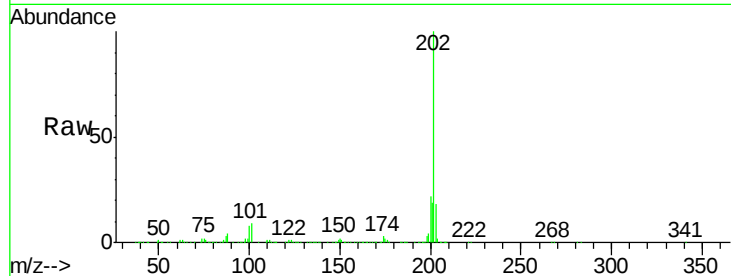
ClientSampleId :

PB107995BS

Tot Ion:	202	Resp:	931273
Ion Ratio		Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.0	13.9	20.9

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#78

Terphenyl-d14

Concen: 88.791 ng

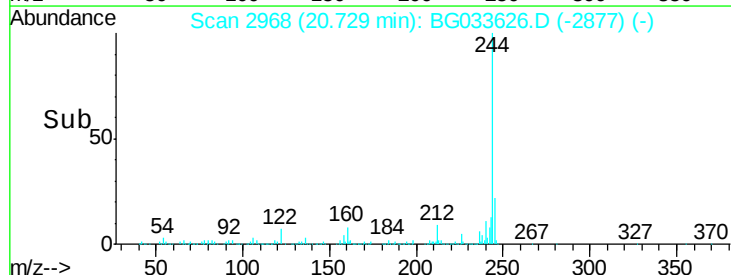
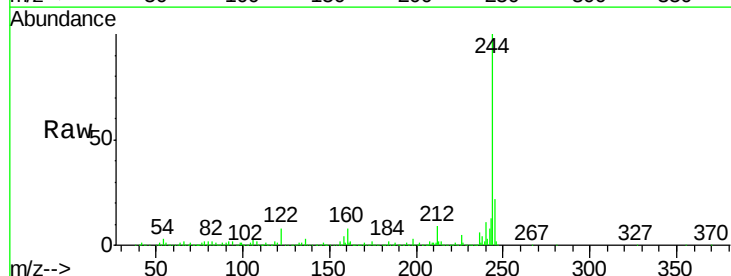
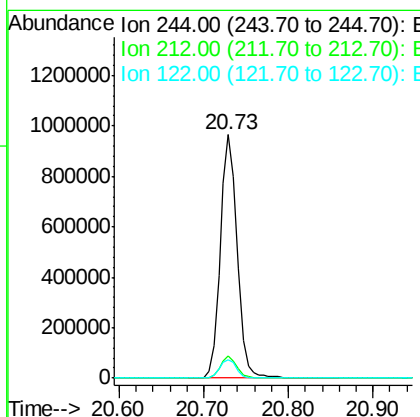
RT: 20.73 min Scan# 2968

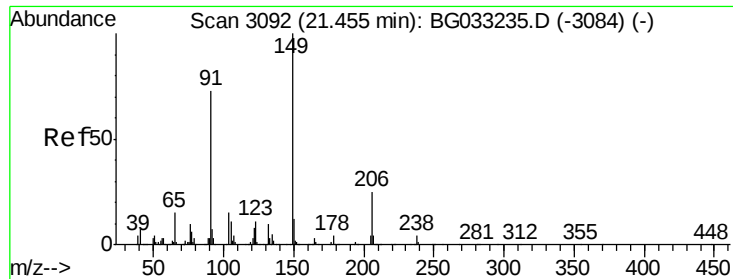
Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion:	244	Resp:	1348511
Ion Ratio		Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.5	7.0	10.4





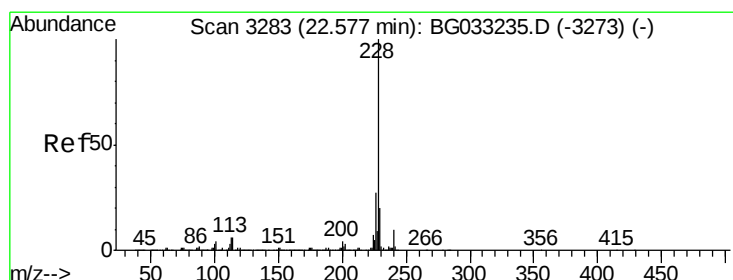
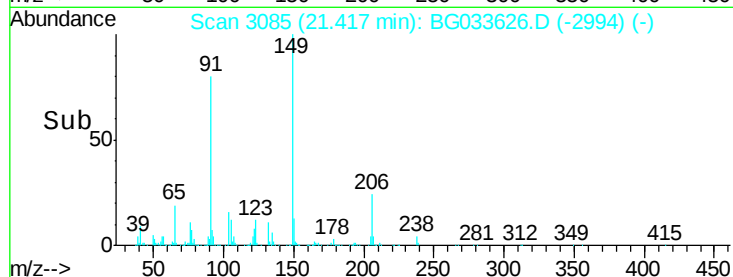
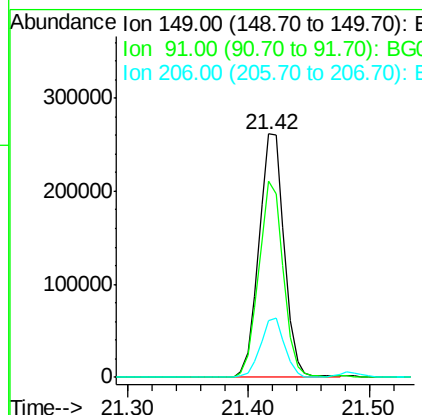
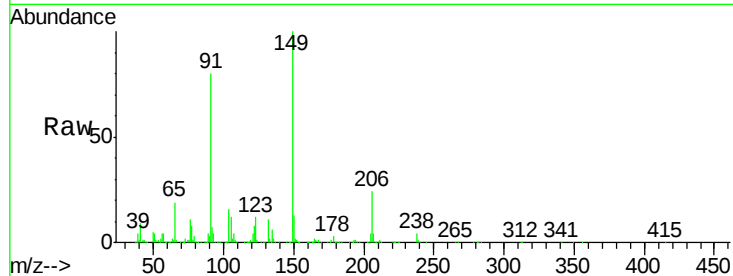
#79
Butylbenzylphthalate
Concen: 47.673 ng
RT: 21.42 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	80.4	62.2	93.2
206	23.5	18.6	27.8

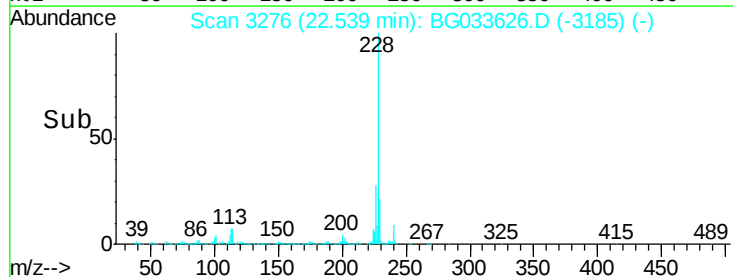
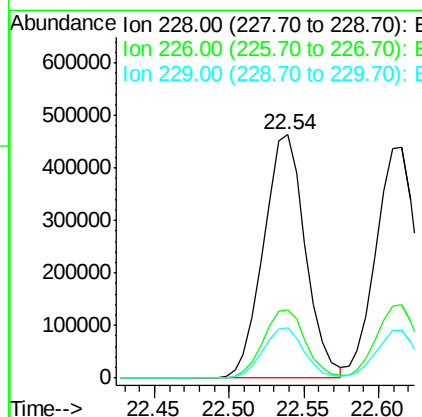
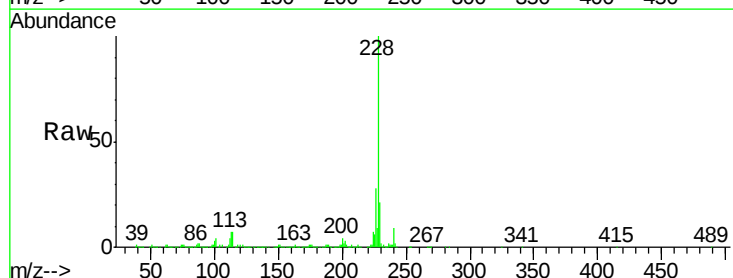
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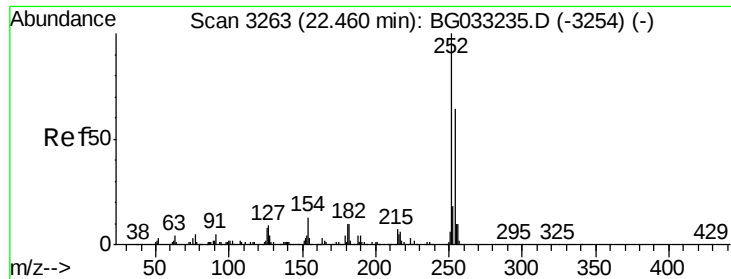
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#80
Benzo(a)anthracene
Concen: 43.757 ng
RT: 22.54 min Scan# 3276
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.2	22.7	34.1
229	20.5	16.2	24.2





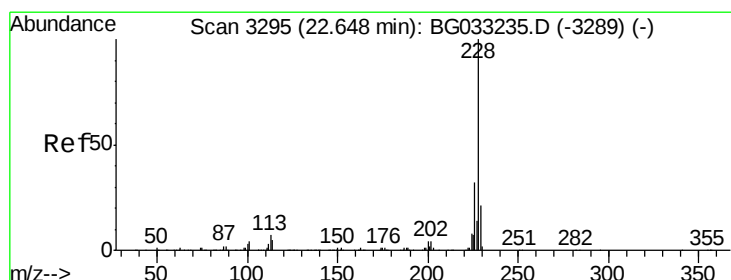
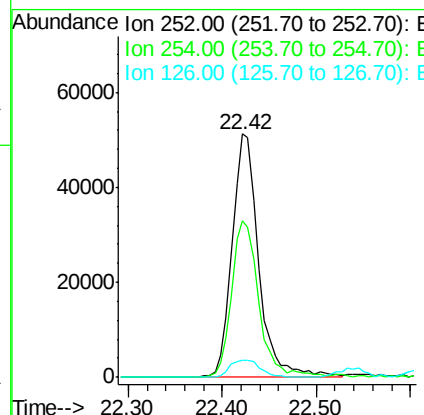
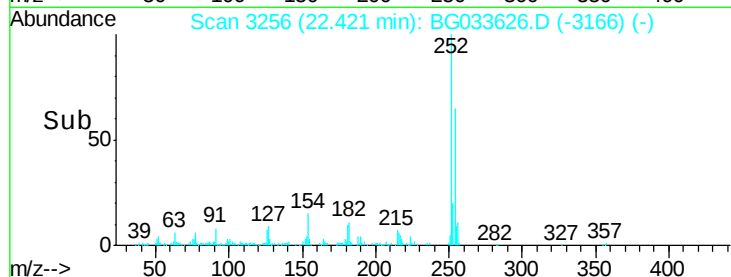
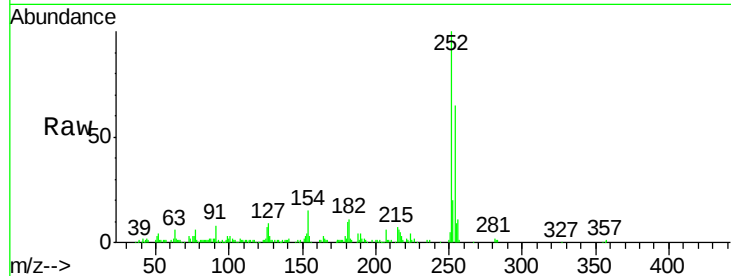
#81
 3,3'-Dichlorobenzidine
 Concen: 13.690 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.8	76.2
126	7.1	7.4	11.2

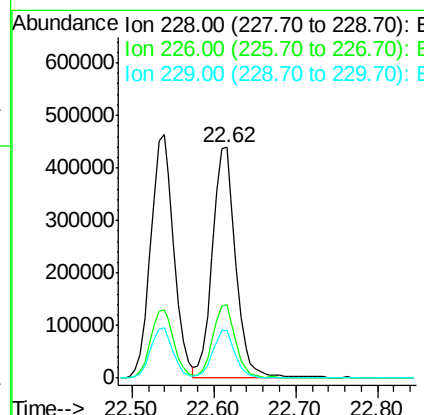
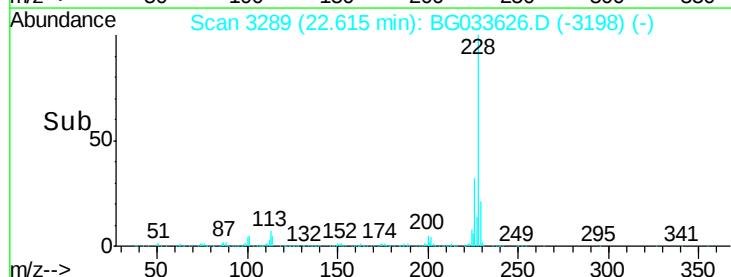
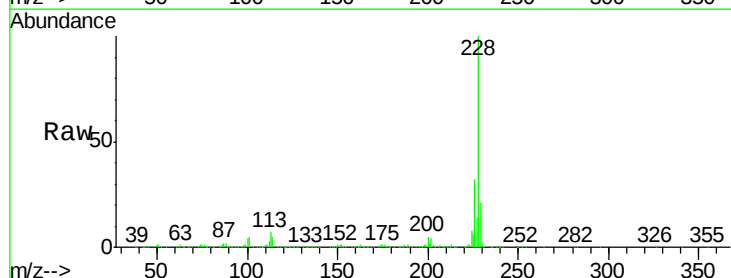
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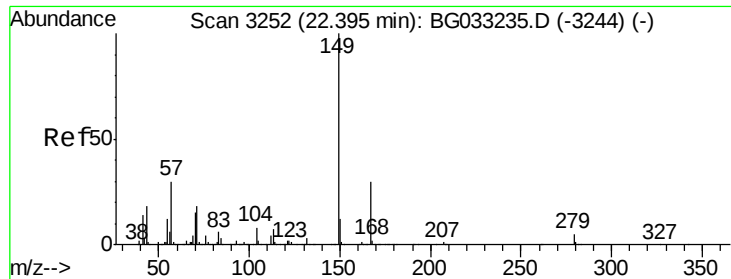
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#82
 Chrysene
 Concen: 43.626 ng
 RT: 22.62 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.5	15.0	22.4





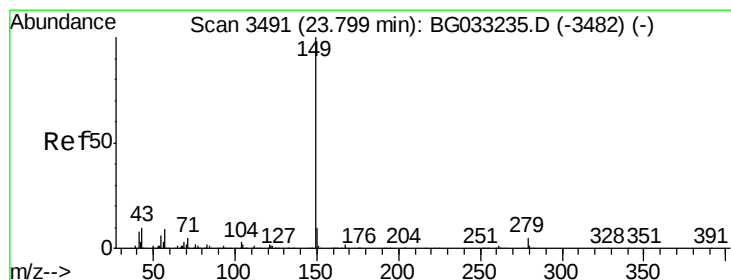
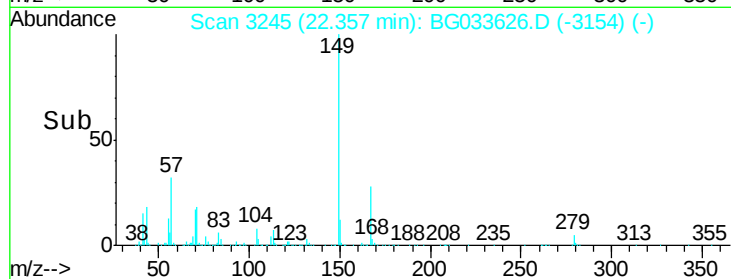
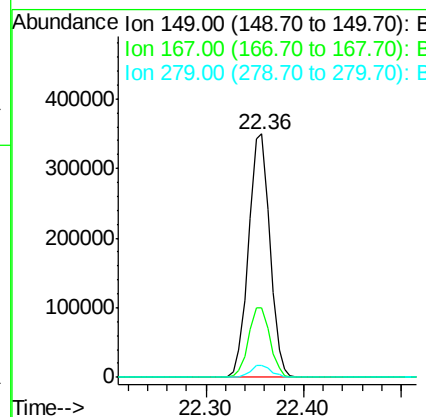
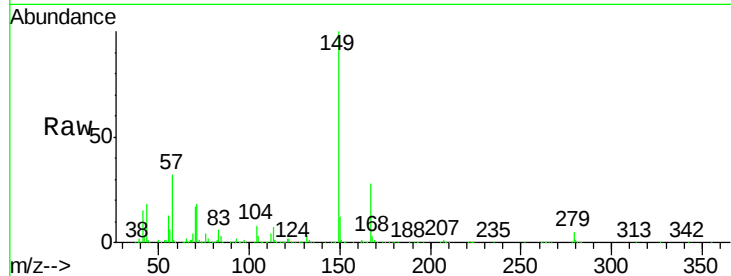
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.202 ng
 RT: 22.36 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.5	24.3	36.5
279	4.7	4.0	6.0

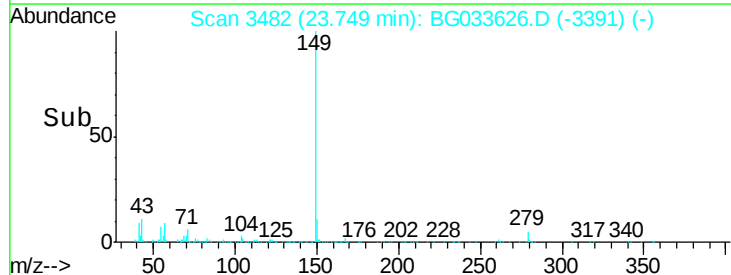
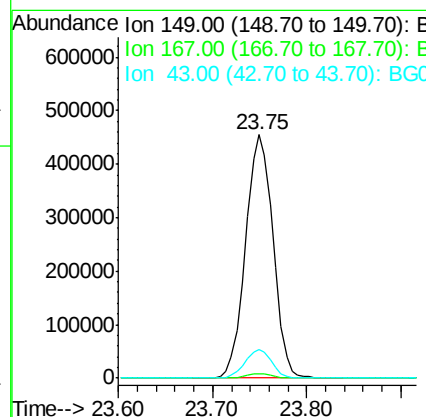
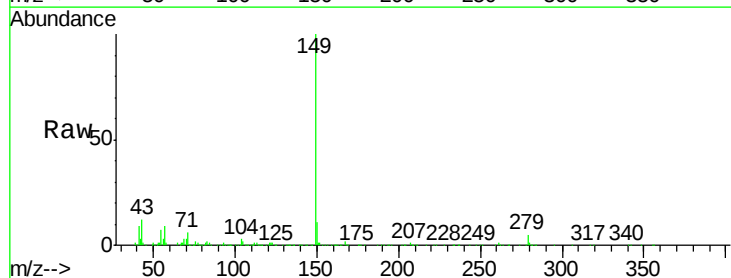
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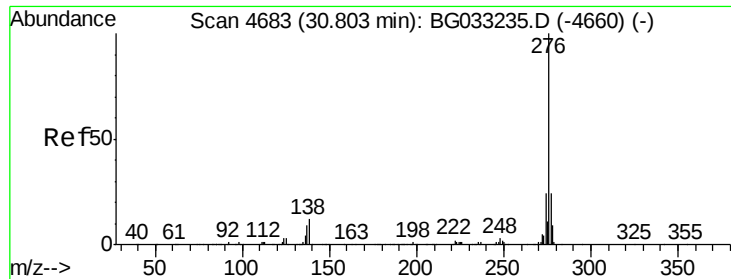
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#84
 Di-n-octyl phthalate
 Concen: 54.354 ng
 RT: 23.75 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.4	8.9	13.3





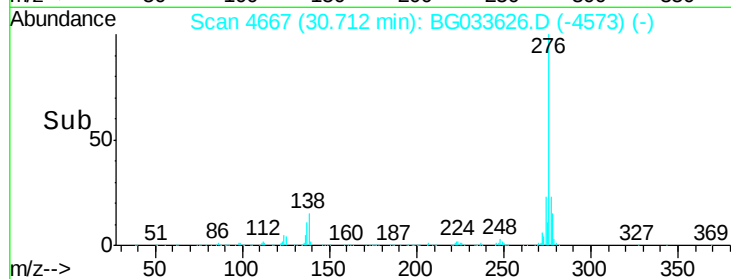
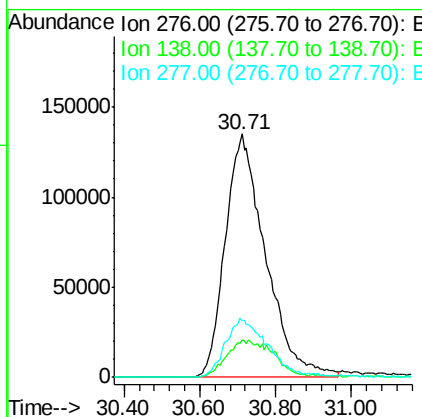
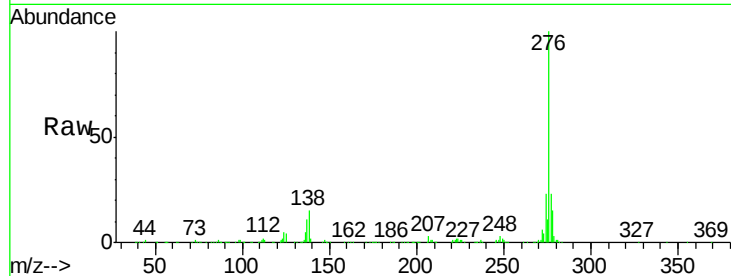
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.052 ng
RT: 30.71 min Scan# 4667
Delta R.T. 0.02 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Instrument :
BNA_G
ClientSampleId :
PB107995BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	996812		
138	7.8	16.0	24.0#	
277	24.8	20.0	30.0	

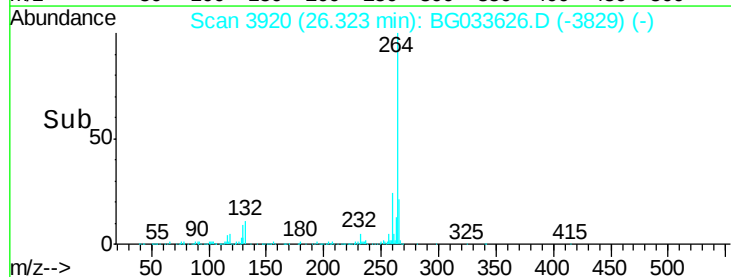
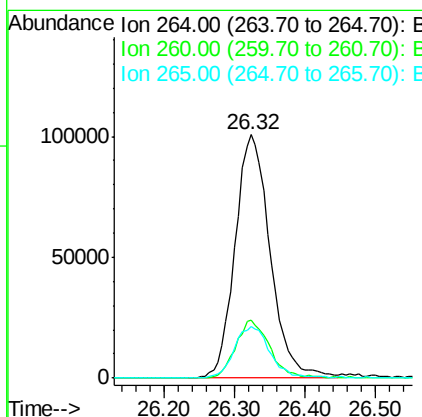
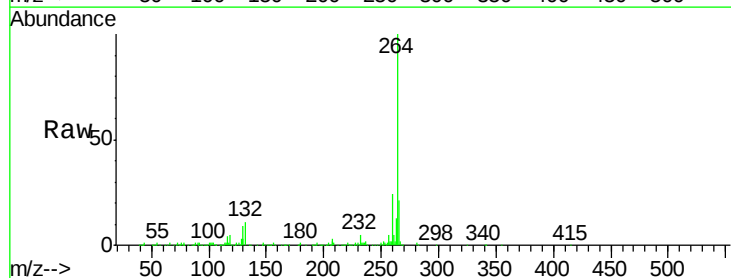
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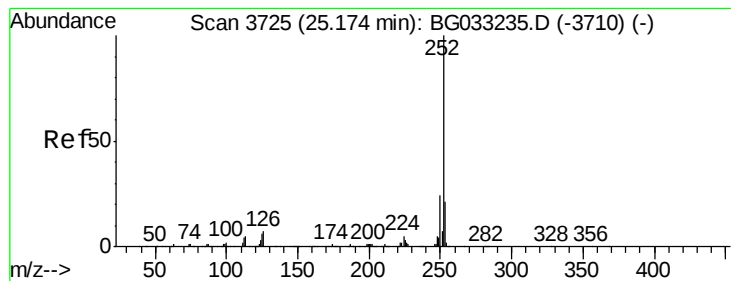
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. 0.00 min
Lab File: BG033626.D
Acq: 6 Apr 2018 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	349104		
260	23.6	17.4	26.0	
265	21.4	17.7	26.5	





#87

Benzo(b)fluoranthene

Concen: 43.699 ng

RT: 25.11 min Scan# 3714

Delta R.T. 0.01 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

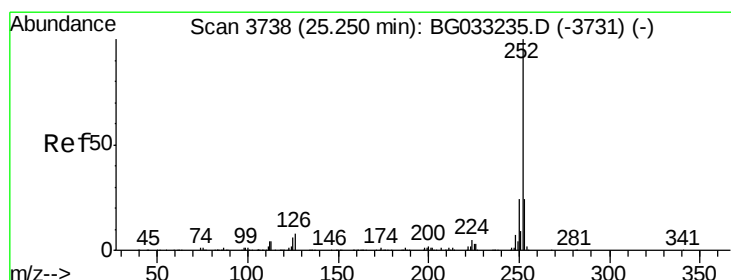
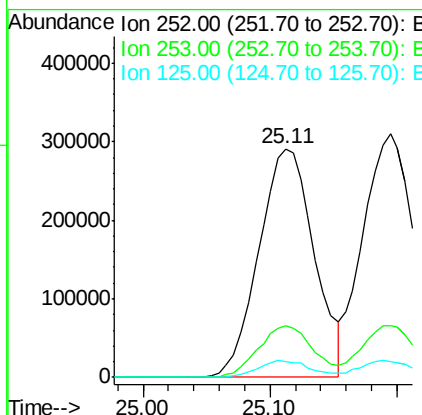
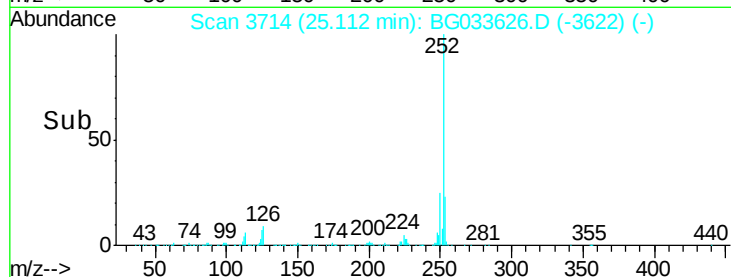
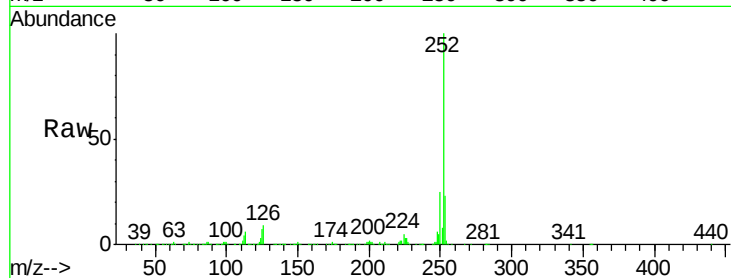
ClientSampleId :

PB107995BS

Tot Ion:252	Resp:	881386
Ion Ratio	Lower	Upper
252 100		
253 22.6	18.2	27.4
125 7.1	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 44.894 ng m

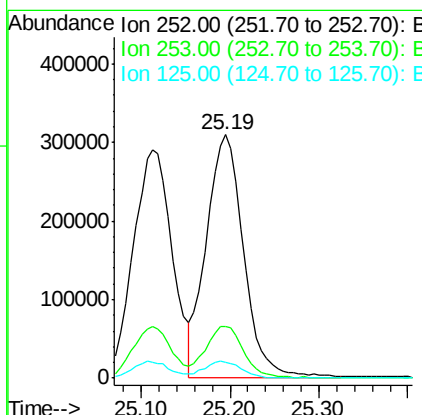
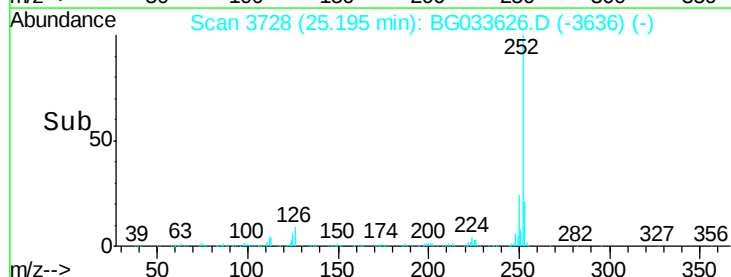
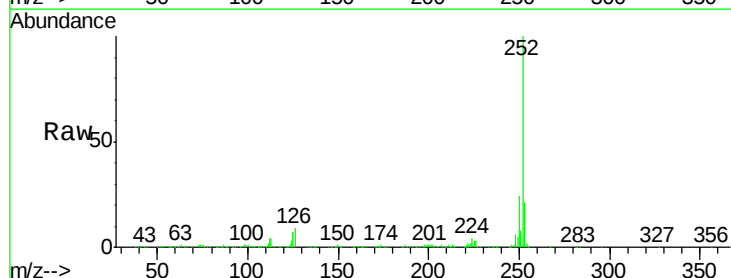
RT: 25.19 min Scan# 3728

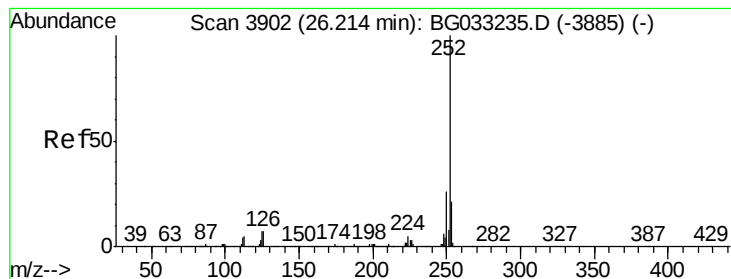
Delta R.T. 0.01 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion:252	Resp:	915803
Ion Ratio	Lower	Upper
252 100		
253 21.2	17.4	26.2
125 6.5	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 45.803 ng

RT: 26.15 min Scan# 3890

Delta R.T. 0.00 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Instrument :

BNA_G

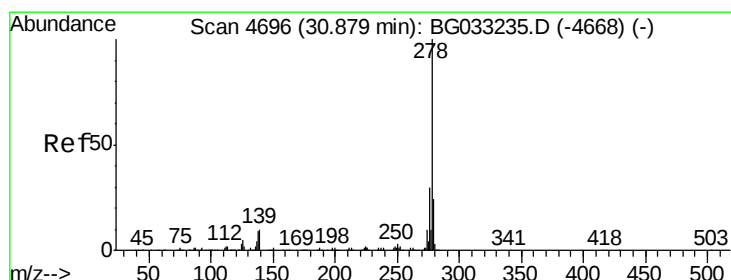
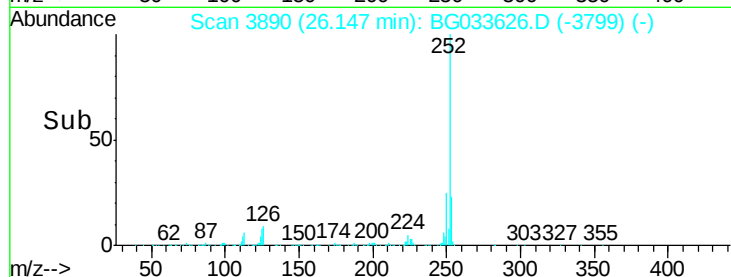
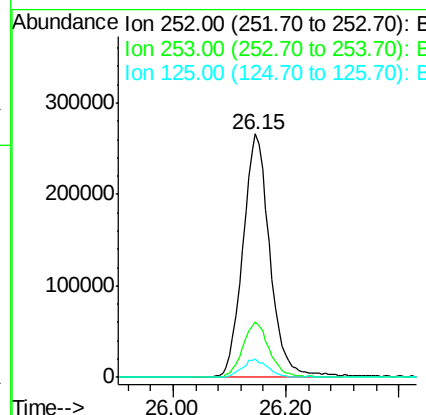
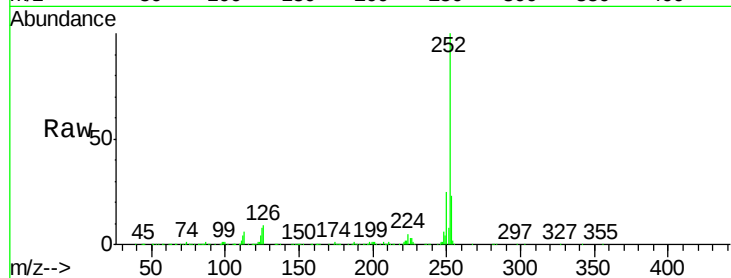
ClientSampleId :

PB107995BS

Tot Ion:	252	Resp:	887175
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.3	27.5
125	7.6	7.3	10.9

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#90

Dibenzo(a,h)anthracene

Concen: 44.137 ng

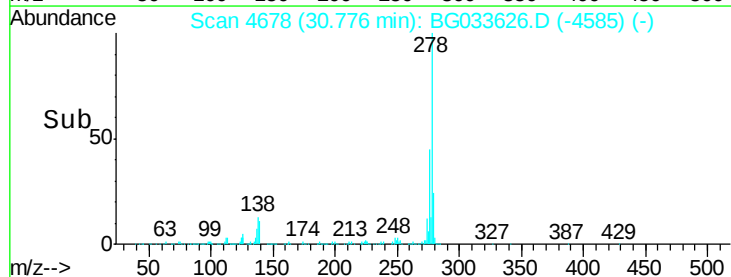
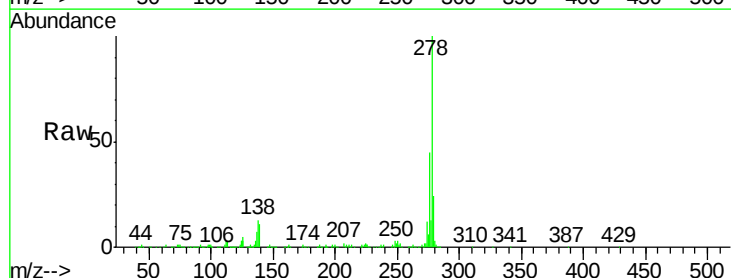
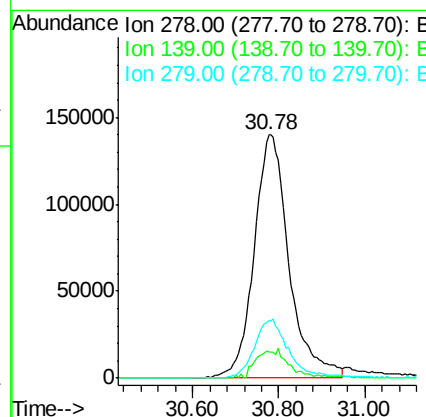
RT: 30.78 min Scan# 4678

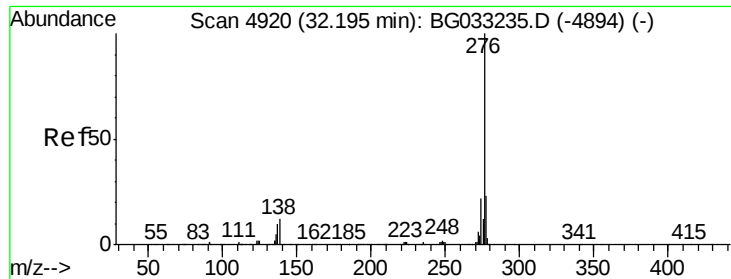
Delta R.T. 0.01 min

Lab File: BG033626.D

Acq: 6 Apr 2018 12:29

Tgt Ion:	278	Resp:	805287
Ion Ratio	Lower	Upper	
278	100		
139	10.8	9.8	14.6
279	23.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.802 ng
 RT: 32.07 min Scan# 4899
 Delta R.T. 0.00 min
 Lab File: BG033626.D
 Acq: 6 Apr 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.3	27.5
138	16.4	13.9	20.9

Manual Integrations
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