

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032996.D
 Acq On : 5 Mar 2018 19:06
 Operator : SJ/JU
 Sample : PB107053BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107053BS

Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:26:32 PM

Quant Time: Mar 06 02:15:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57200	20.00	ng	-0.01
21) Naphthalene-d8	11.80	136	258018	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	153584	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	348475	20.00	ng	0.00
75) Chrysene-d12	22.61	240	315165	20.00	ng	-0.01
86) Perylene-d12	26.41	264	341875	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	474900	132.83	ng	0.00
7) Phenol-d6	8.01	99	642673	128.96	ng	0.00
23) Nitrobenzene-d5	10.11	82	374829	98.97	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	220039	136.26	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	831482	78.08	ng	-0.01
78) Terphenyl-d14	20.77	244	1196187	85.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	50990	32.861	ng	97
3) Pyridine	4.42	79	142683	33.362	ng	95
4) n-Nitrosodimethylamine	4.32	42	82923	48.361	ng	# 87
6) Aniline	8.20	93	98753	14.639	ng	98
8) 2-Chlorophenol	8.46	128	168621	43.088	ng	95
9) Benzaldehyde	8.01	77	58955	20.526	ng	98
10) Phenol	8.04	94	220236	43.840	ng	93
11) bis(2-Chloroethyl)ether	8.29	93	151914	36.981	ng	96
12) 1,3-Dichlorobenzene	8.80	146	163903	35.759	ng	97
13) 1,4-Dichlorobenzene	8.95	146	164565	35.668	ng	94
14) 1,2-Dichlorobenzene	9.28	146	157385	35.597	ng	95
15) Benzyl Alcohol	9.14	79	151082	41.238	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.44	45	288065	40.792	ng	100
17) 2-Methylphenol	9.34	107	147874	39.918	ng	95
18) Hexachloroethane	10.04	117	60140	38.284	ng	# 84
19) n-Nitroso-di-n-propylamine	9.72	70	127364	36.201	ng	# 91
20) 3+4-Methylphenols	9.67	107	206698	40.129	ng	95
22) Acetophenone	9.75	105	236701	36.325	ng	# 98
24) Nitrobenzene	10.16	77	182596	44.858	ng	91
25) Isophorone	10.68	82	350609	38.715	ng	96
26) 2-Nitrophenol	10.88	139	87709	56.666	ng	95
27) 2,4-Dimethylphenol	10.91	122	182527	46.396	ng	91
28) bis(2-Chloroethoxy)methane	11.15	93	211960	40.176	ng	94
29) 2,4-Dichlorophenol	11.42	162	161371	45.194	ng	94
30) 1,2,4-Trichlorobenzene	11.65	180	149444	35.705	ng	96
31) Naphthalene	11.85	128	505963	37.528	ng	98
32) Benzoic acid	11.02	122	115810	47.484	ng	88
33) 4-Chloroaniline	11.94	127	91698	15.211	ng	96
34) Hexachlorobutadiene	12.11	225	83106	35.398	ng	98
35) Caprolactam	12.68	113	66753	46.690	ng	96
36) 4-Chloro-3-methylphenol	13.00	107	195948	47.158	ng	92
37) 2-Methylnaphthalene	13.40	142	375249	38.470	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	158172	34.693	ng	# 97
40) Hexachlorocyclopentadiene	13.73	237	199799	85.990	ng	91

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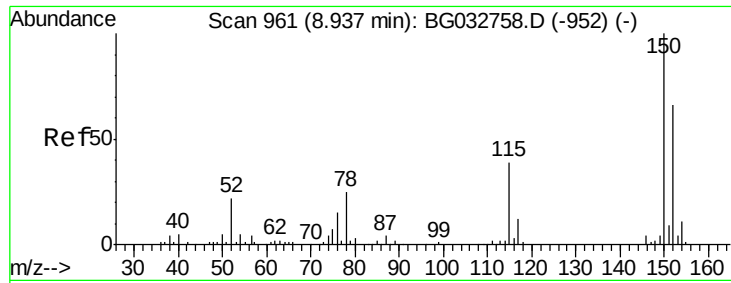
Manual Integrations
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Sohil
 3/6/2018 4:26:32 PM

Quant Time: Mar 06 02:15:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	124680	43.364	nq	98
43) 2,4,5-Trichlorophenol	14.04	196	140359	42.179	nq	# 94
45) 1,1'-Biphenyl	14.37	154	480633	35.812	nq	96
46) 2-Chloronaphthalene	14.43	162	363134	36.222	nq	98
47) 2-Nitroaniline	14.60	65	136863	52.875	nq	92
48) Acenaphthylene	15.26	152	605778	36.907	nq	98
49) Dimethylphthalate	14.95	163	486353	37.295	nq	100
50) 2,6-Dinitrotoluene	15.08	165	109535	50.238	nq	93
51) Acenaphthene	15.59	154	413075	40.410	nq	96
52) 3-Nitroaniline	15.41	138	71036	29.965	nq	# 88
53) 2,4-Dinitrophenol	15.61	184	86271	110.477	nq	# 49
54) Dibenzofuran	15.92	168	566373	38.912	nq	94
55) 4-Nitrophenol	15.68	139	185772	86.373	nq	84
56) 2,4-Dinitrotoluene	15.85	165	152998	57.491	nq	90
57) Fluorene	16.56	166	460205	38.308	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.13	232	120157m	46.507	nq	
59) Diethylphthalate	16.29	149	528132	38.397	nq	98
60) 4-Chlorophenyl-phenylether	16.53	204	228073	38.809	nq	92
61) 4-Nitroaniline	16.56	138	113176	40.962	nq	86
62) Azobenzene	16.83	77	488506	39.700	nq	96
64) 4,6-Dinitro-2-methylphenol	16.61	198	67355	60.178	nq	95
65) n-Nitrosodiphenylamine	16.75	169	429113	37.853	nq	99
66) 4-Bromophenyl-phenylether	17.43	248	136971	37.172	nq	# 84
67) Hexachlorobenzene	17.56	284	141474	35.529	nq	# 90
68) Atrazine	17.66	200	149448	40.050	nq	94
69) Pentachlorophenol	17.89	266	188399	75.114	nq	96
70) Phenanthrene	18.30	178	745086	38.325	nq	98
71) Anthracene	18.39	178	763948	39.140	nq	100
72) Carbazole	18.64	167	704945	36.643	nq	# 97
73) Di-n-butylphthalate	19.14	149	908037	38.473	nq	100
74) Fluoranthene	20.25	202	826537	38.487	nq	95
76) Benzidine	20.40	184	158113	14.718	nq	98
77) Pyrene	20.61	202	833373	37.496	nq	97
79) Butylbenzylphthalate	21.46	149	416966	42.314	nq	94
80) Benzo(a)anthracene	22.59	228	791463	39.162	nq	99
81) 3,3'-Dichlorobenzidine	22.47	252	139403	18.624	nq	# 98
82) Chrysene	22.66	228	746870	38.687	nq	98
83) Bis(2-ethylhexyl)phthalate	22.42	149	601230	41.219	nq	96
84) Di-n-octyl phthalate	23.82	149	1034209	46.516	nq	100
85) Indeno(1,2,3-cd)pyrene	30.83	276	866462	38.484	nq	# 92
87) Benzo(b)fluoranthene	25.19	252	785932	38.881	nq	# 97
88) Benzo(k)fluoranthene	25.26	252	778312	38.742	nq	# 96
89) Benzo(a)pyrene	26.23	252	763296	39.701	nq	# 96
90) Dibenzo(a,h)anthracene	30.90	278	722091	37.312	nq	# 93
91) Benzo(g,h,i)perylene	32.21	276	725261	38.017	nq	# 93

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



#1

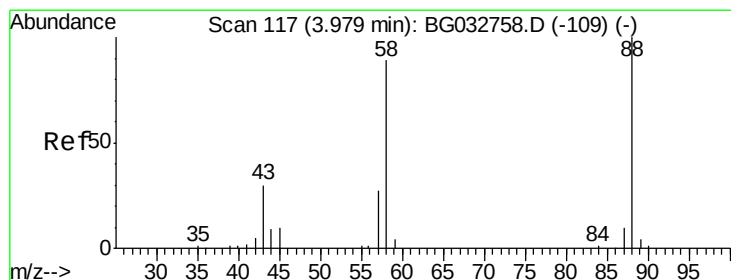
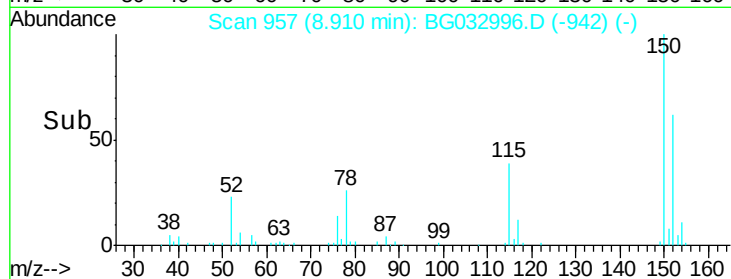
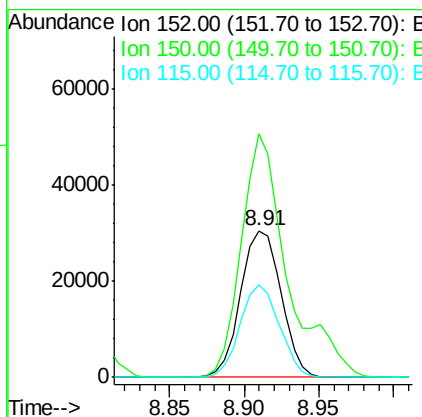
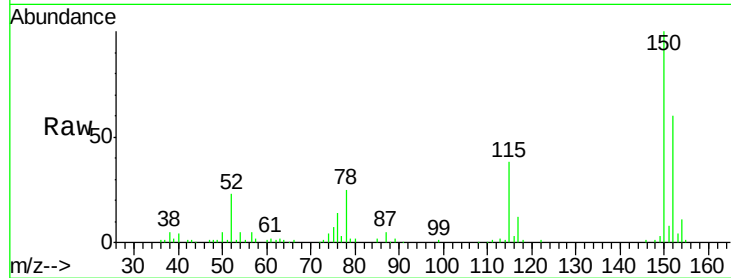
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.1	126.6	189.8
115	62.9	53.0	79.4

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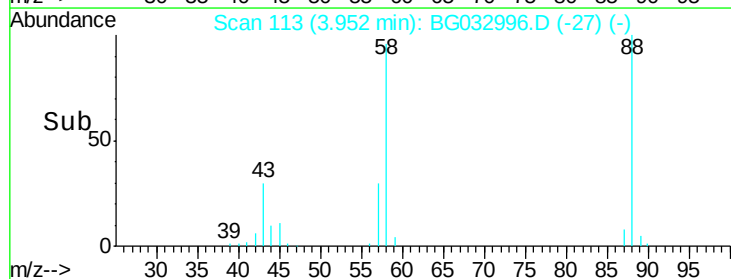
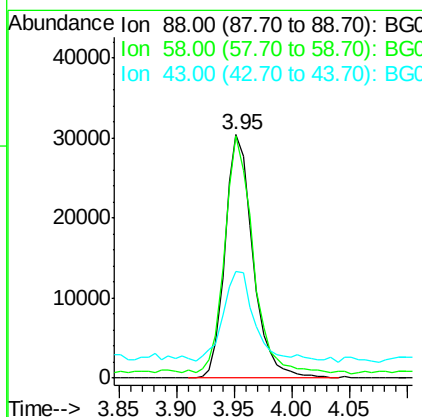
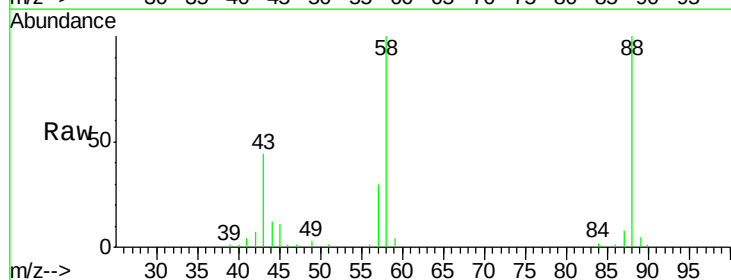
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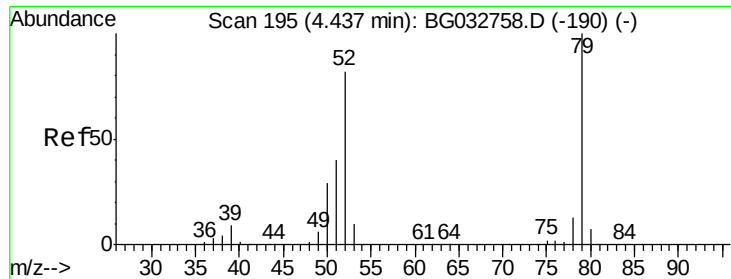


#2

1,4-Dioxane
Concen: 32.861 ng
RT: 3.95 min Scan# 113
Delta R.T. -0.02 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.8	79.6	119.4
43	39.9	27.4	41.0





#3

Pvrindine

Concen: 33.362 ng

RT: 4.42 min Scan# 192

Delta R.T. -0.02 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

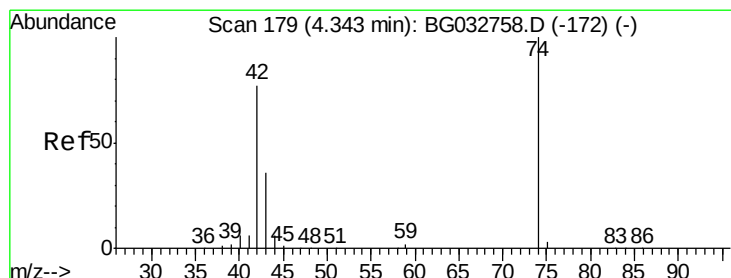
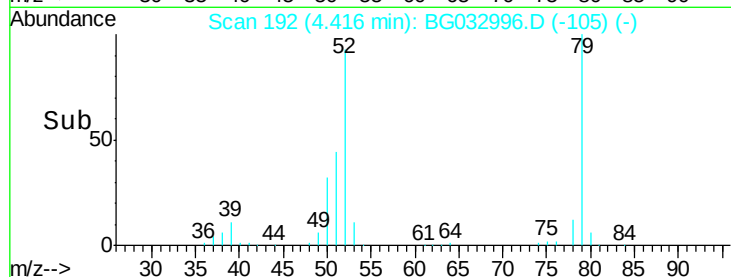
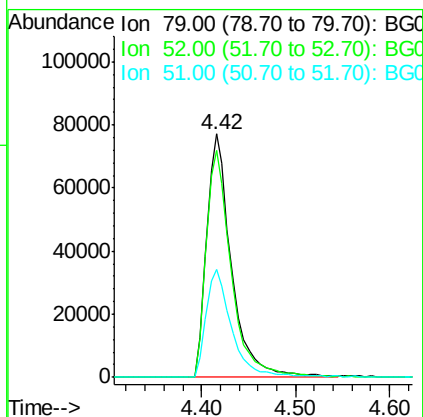
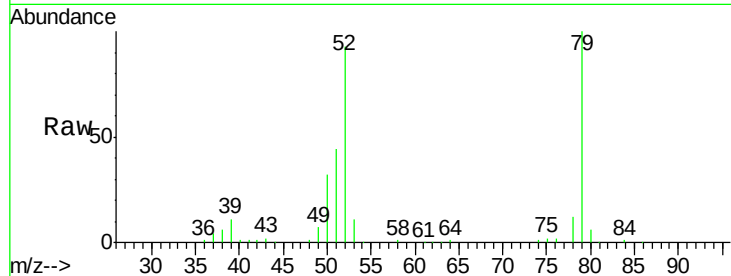
ClientSampleId :

PB107053BS

Tot Ion:	79	Resp:	142683
Ion	Ratio	Lower	Upper
79	100		
52	93.4	69.9	104.9
51	44.5	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.361 ng

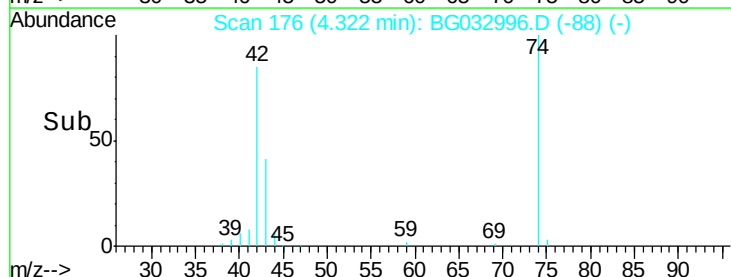
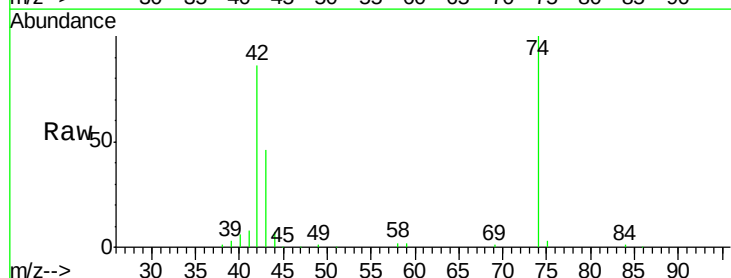
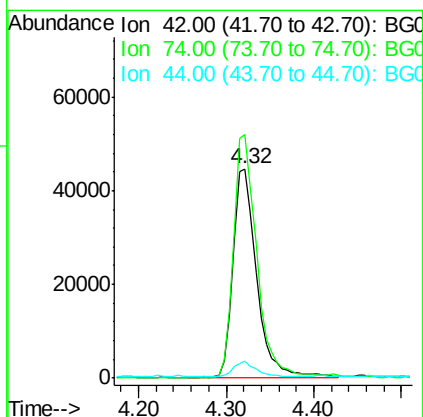
RT: 4.32 min Scan# 176

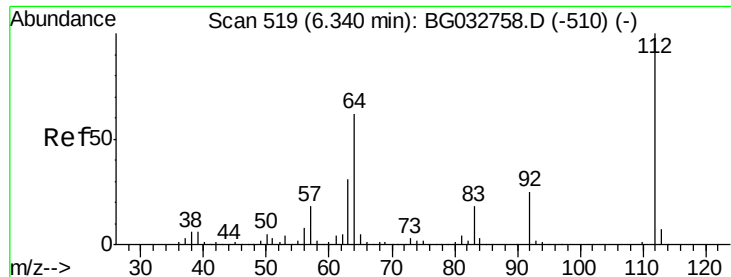
Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Tgt Ion:	42	Resp:	82923
Ion	Ratio	Lower	Upper
42	100		
74	116.5	102.5	153.7
44	7.9	18.9	28.3#





#5

2-Fluorophenol

Concen: 132.827 ng

RT: 6.33 min Scan# 517

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

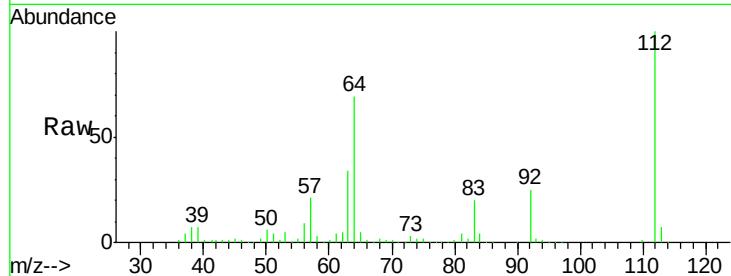
ClientSampleId :

PB107053BS

Tot Ion:	112	Resp:	474900
Ion Ratio	Lower	Upper	
112	100		
64	68.8	56.3	84.5
63	33.8	30.1	45.1

Manual Integrations
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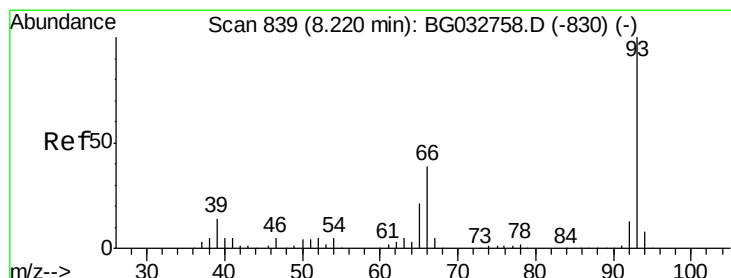
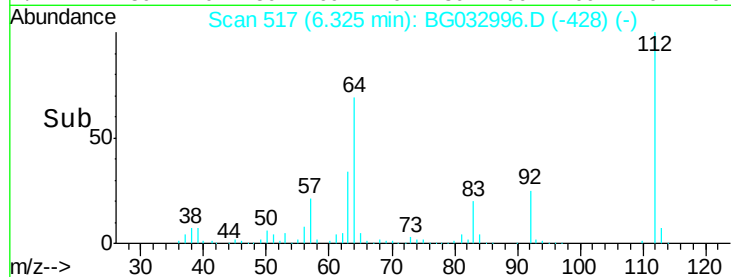
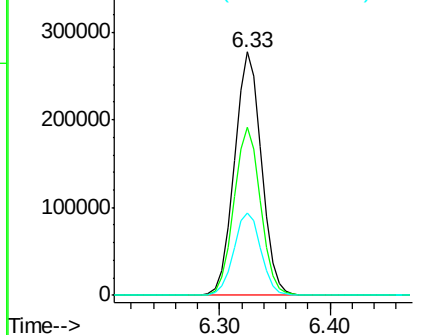
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.639 ng

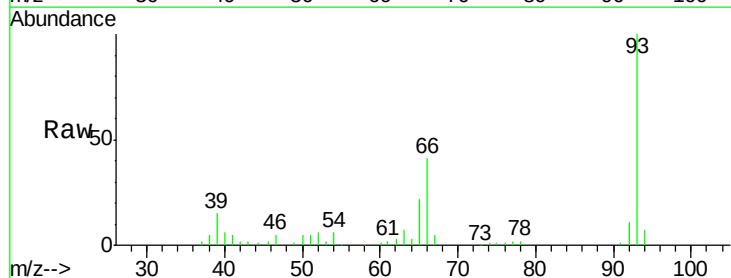
RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

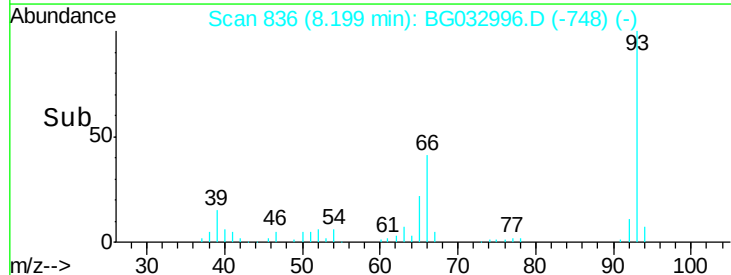
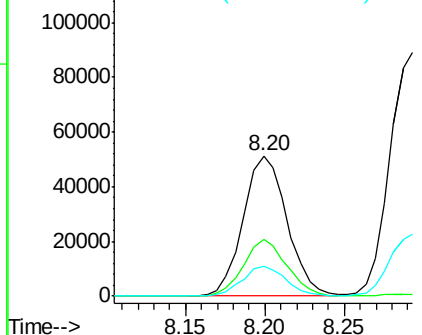
Tgt Ion:	93	Resp:	98753
Ion Ratio	Lower	Upper	
93	100		
66	41.0	33.7	50.5
65	21.5	16.1	24.1

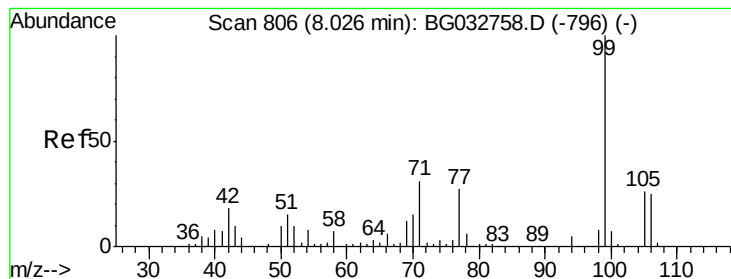


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.960 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampled :

PB107053BS

Tot Ion: 99 Resp: 642673

Ion Ratio Lower Upper

99 100

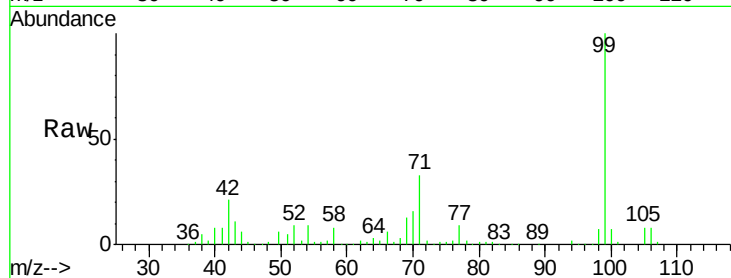
42 21.1 14.1 21.1#

71 33.0 26.1 39.1

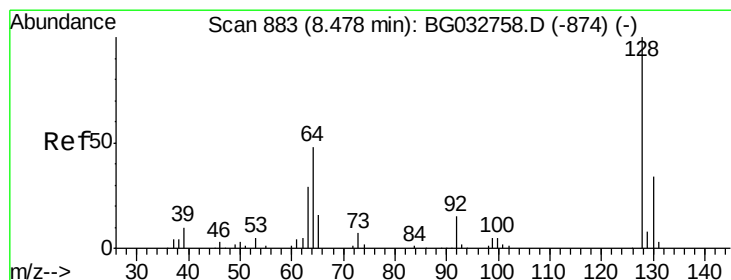
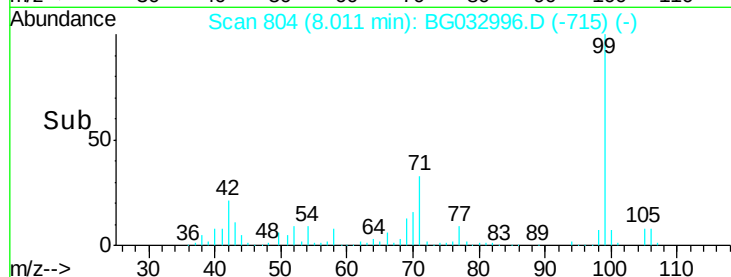
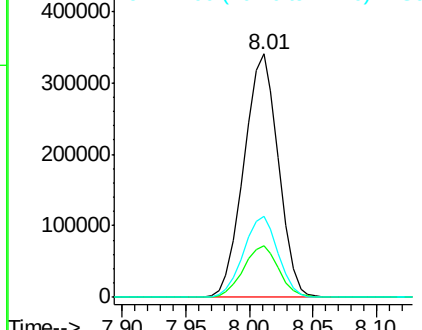
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.088 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

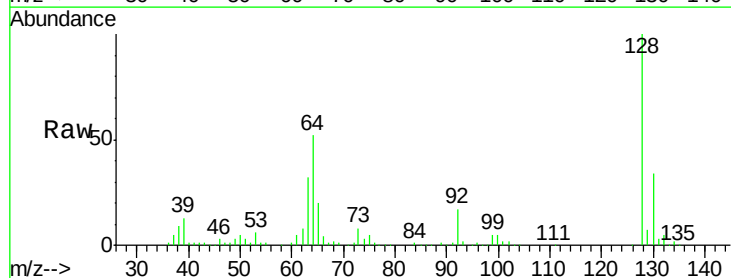
Tgt Ion: 128 Resp: 168621

Ion Ratio Lower Upper

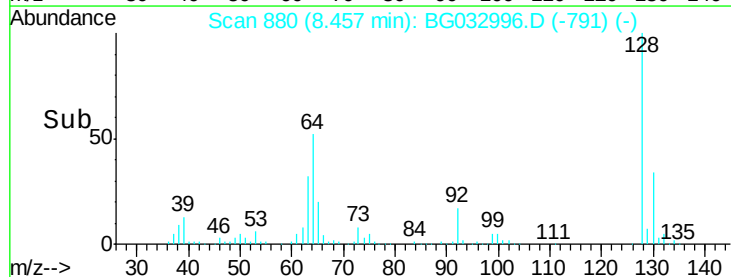
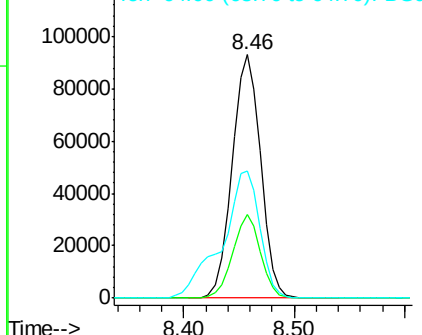
128 100

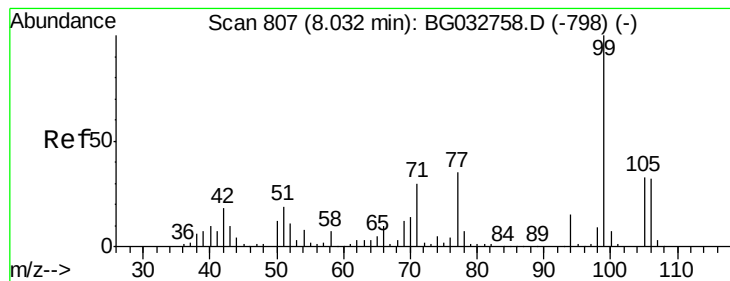
130 34.1 14.0 54.0

64 52.1 37.7 77.7



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





#9

Benzaldehyde

Concen: 20.526 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

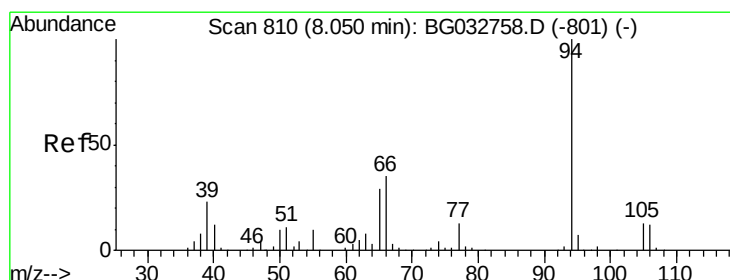
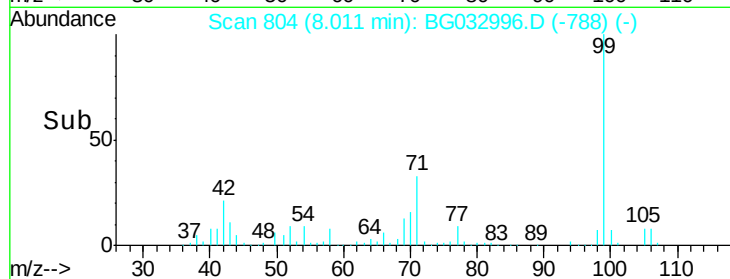
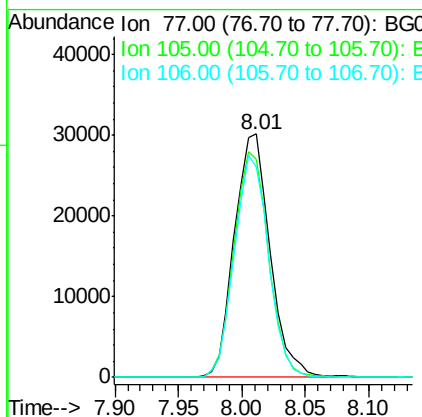
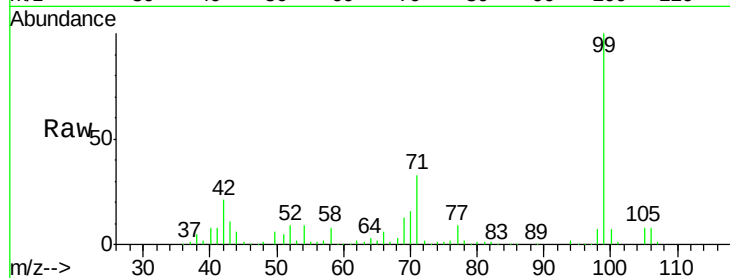
ClientSampleId :

PB107053BS

Tot Ion:	77	Resp:	58955
Ion	Ratio	Lower	Upper
77	100		
105	89.8	71.3	111.3
106	86.2	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 43.840 ng

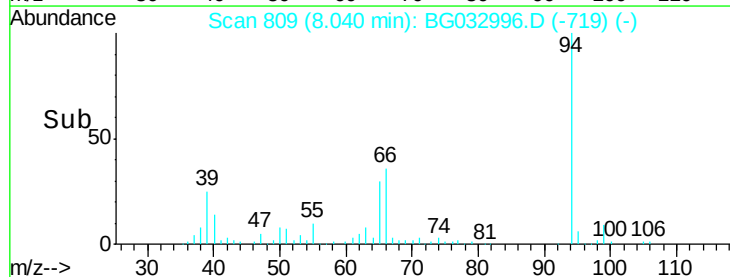
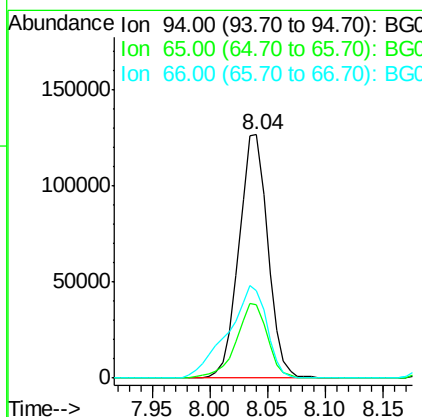
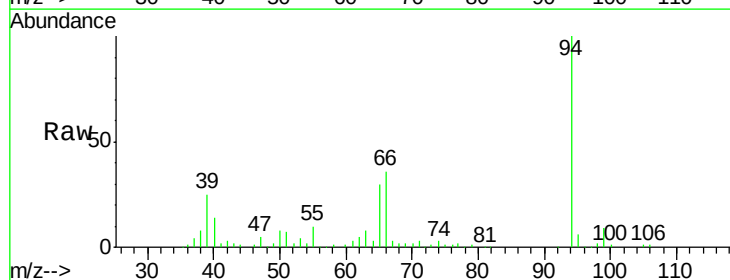
RT: 8.04 min Scan# 809

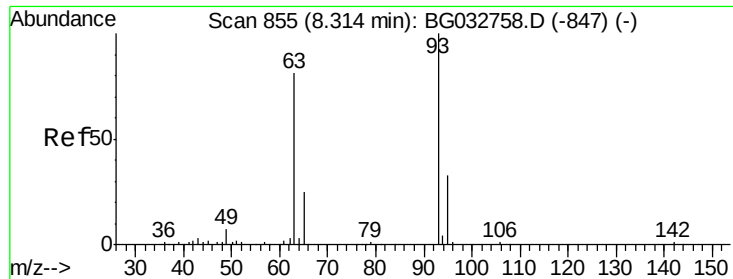
Delta R.T. 0.00 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Tgt Ion:	94	Resp:	220236
Ion	Ratio	Lower	Upper
94	100		
65	29.9	11.9	51.9
66	35.7	22.2	62.2





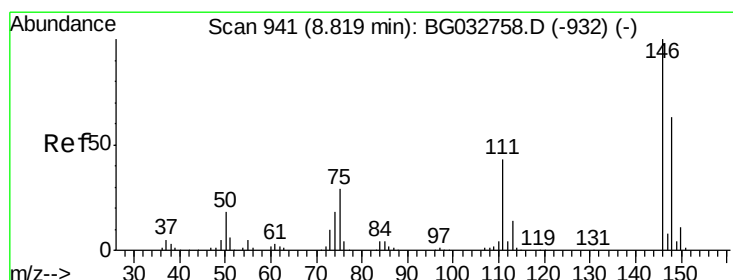
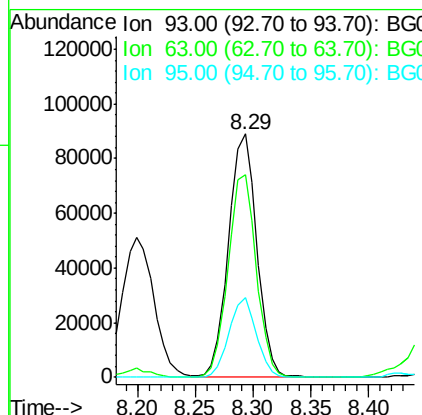
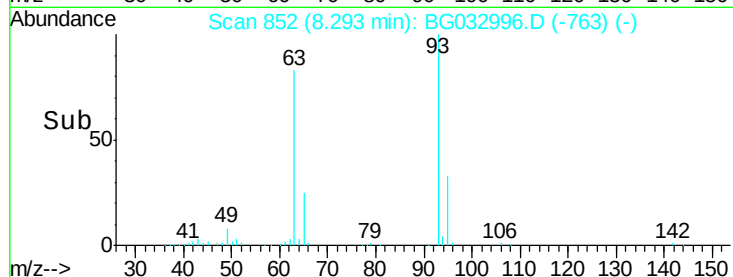
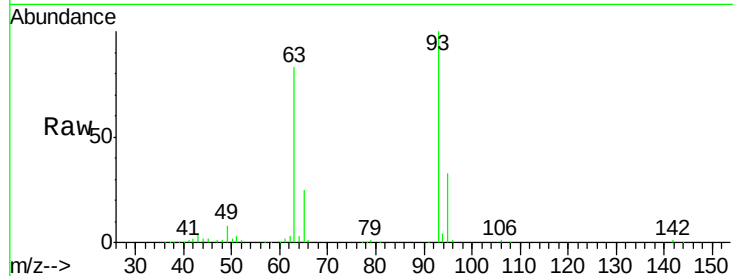
#11
bis(2-Chloroethyl)ether
Concen: 36.981 ng
RT: 8.29 min Scan# 852
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampled :
PB107053BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.3	67.1	107.1
95	32.7	11.5	51.5

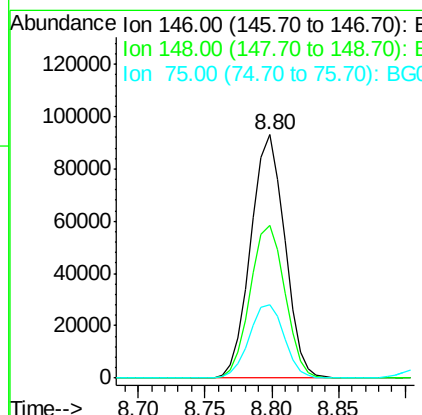
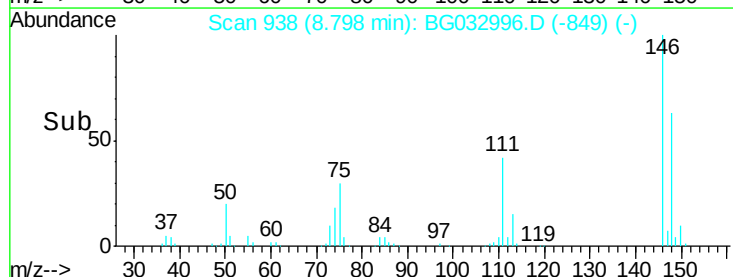
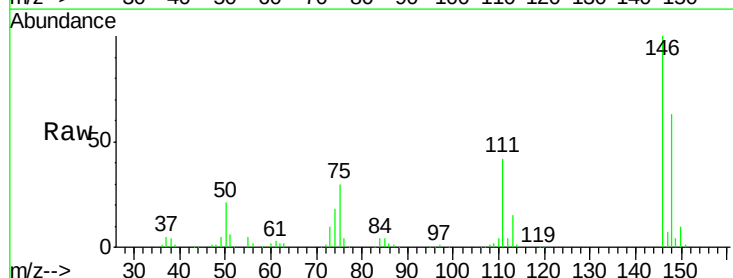
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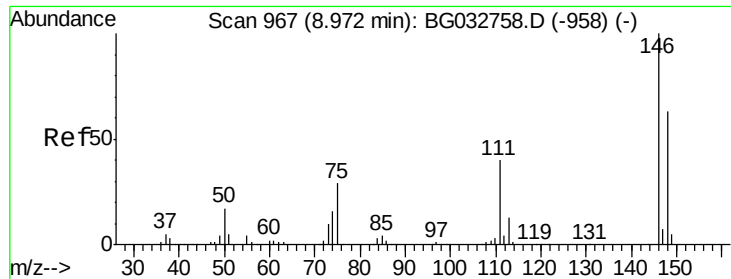
Sohil
3/6/2018 4:26:32 PM



#12
1,3-Dichlorobenzene
Concen: 35.759 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.2
75	30.2	26.6	39.8





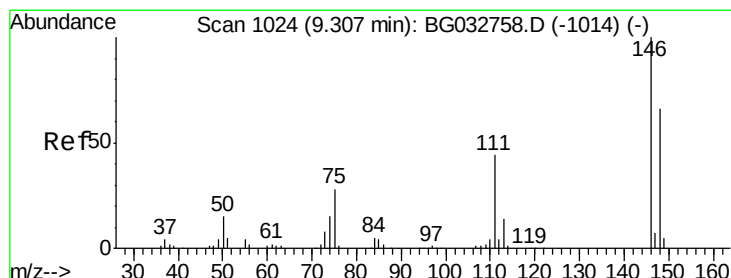
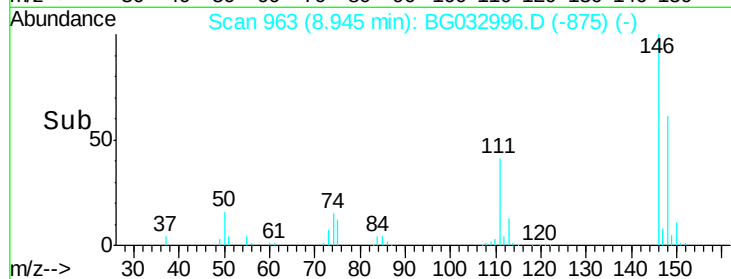
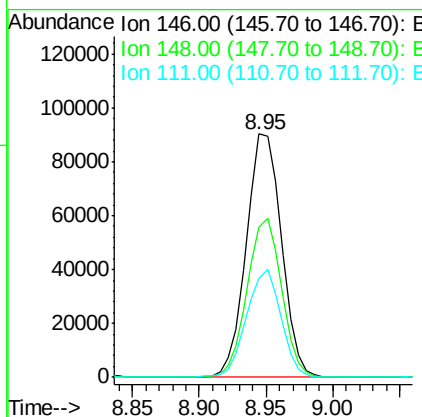
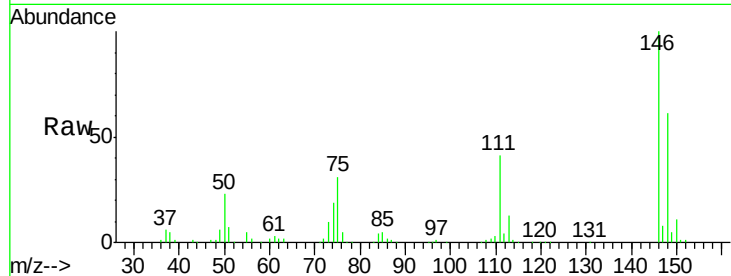
#13
 1,4-Dichlorobenzene
 Concen: 35.668 ng
 RT: 8.95 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB107053BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.5	53.7	80.5
111	40.9	35.2	52.8

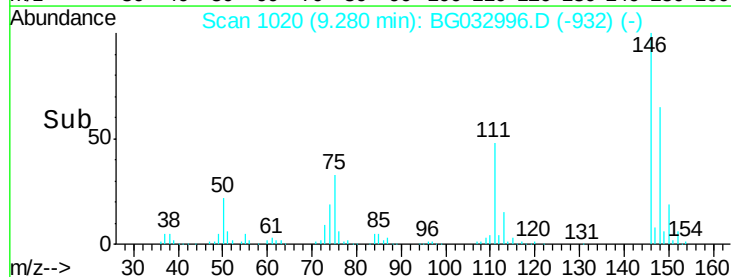
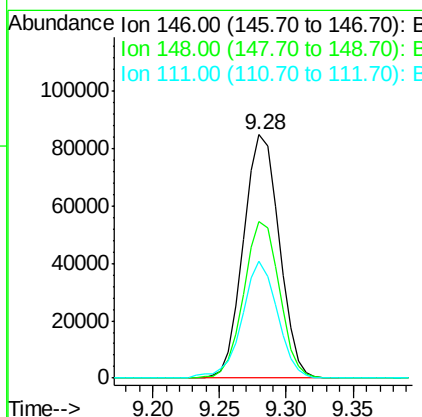
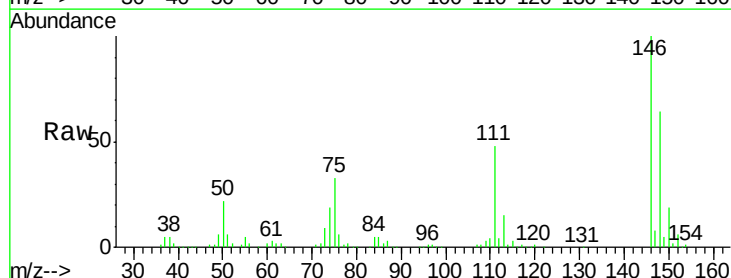
Manual Integrations
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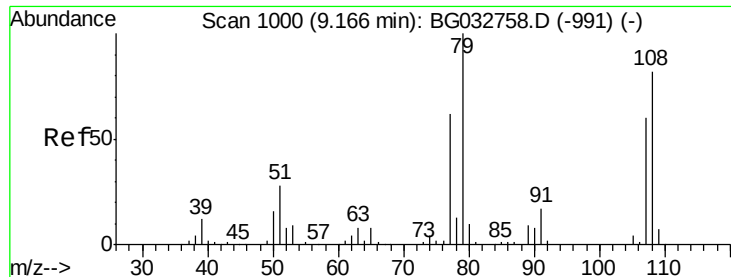
Sohil
 3/6/2018 4:26:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.597 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.3	73.9
111	47.9	34.3	51.5





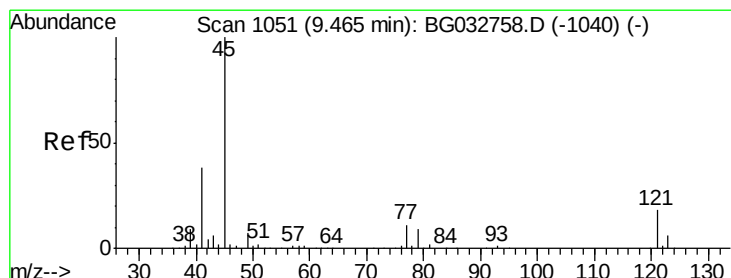
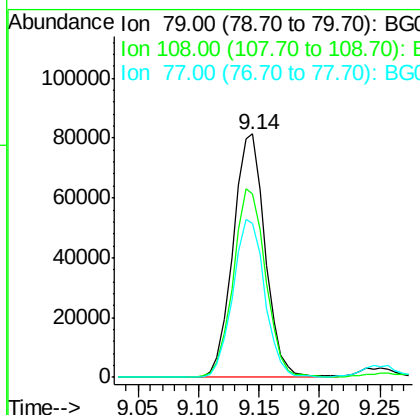
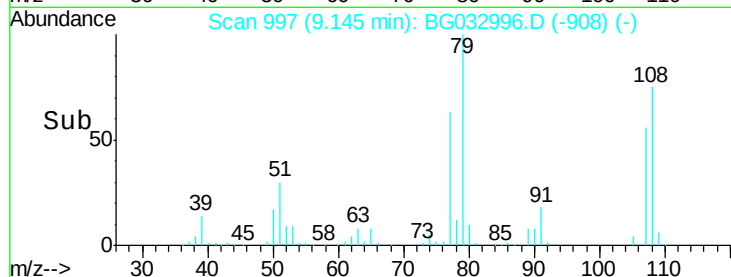
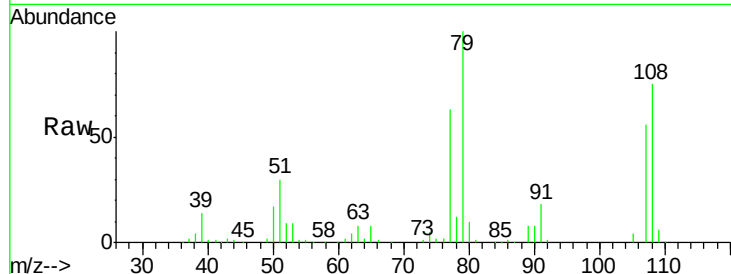
#15
Benzyl Alcohol
Concen: 41.238 ng
RT: 9.14 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampled :
PB107053BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.1	57.2	85.8
77	63.3	46.1	69.1

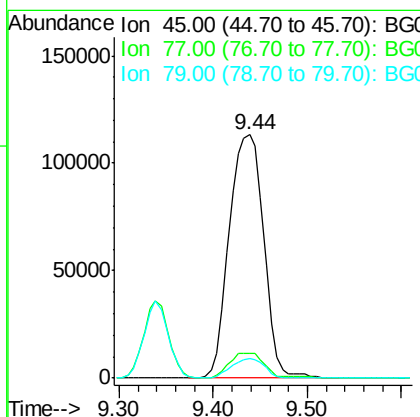
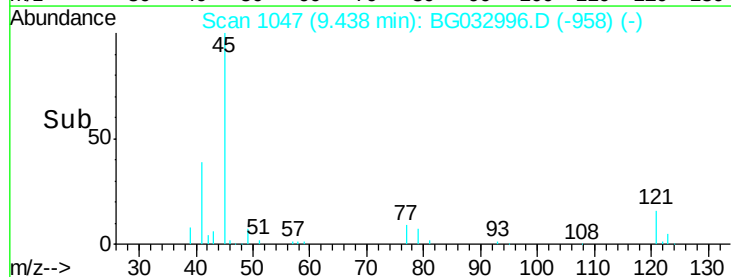
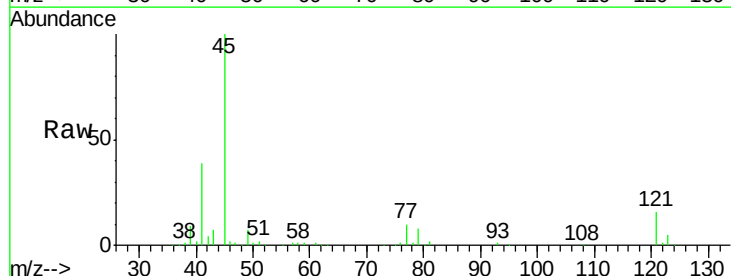
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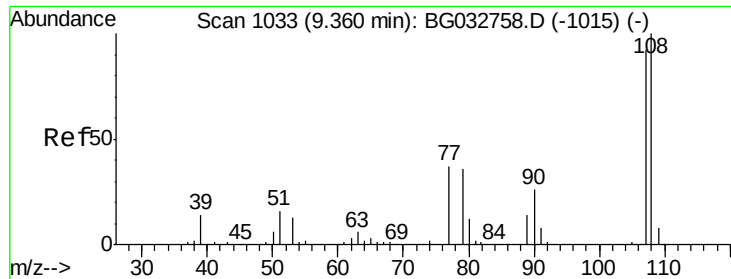
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3/6/2018 4:26:32 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.792 ng
RT: 9.44 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	30.2
79	8.0	0.0	27.9





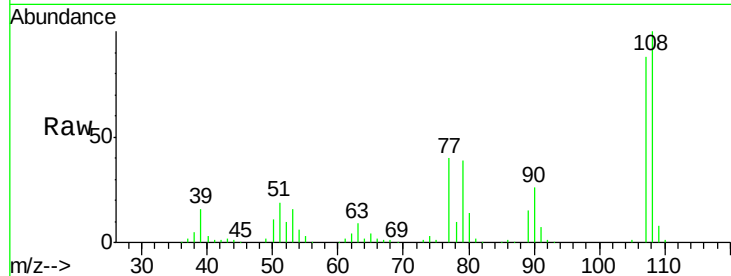
#17
2-Methylphenol
Concen: 39.918 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

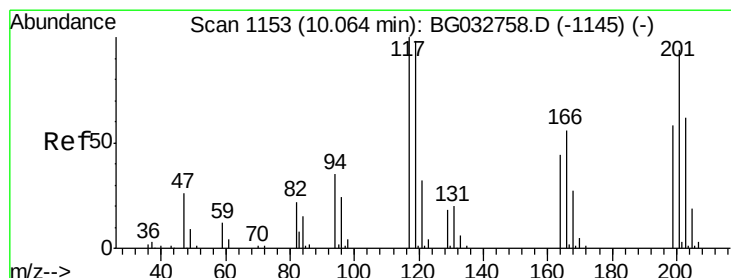
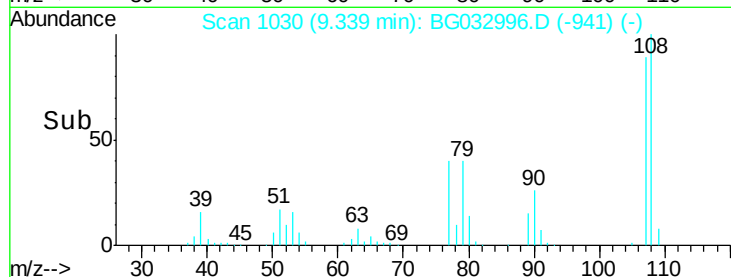
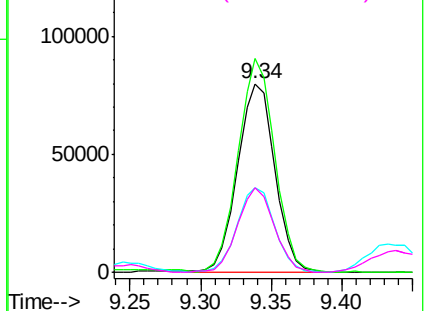
Tot Ion	107	Resp	147874
Ion Ratio	Lower	Upper	
107	100		
108	113.2	83.9	125.9
77	45.1	37.2	55.8
79	44.7	36.2	54.2

Manual Integrations
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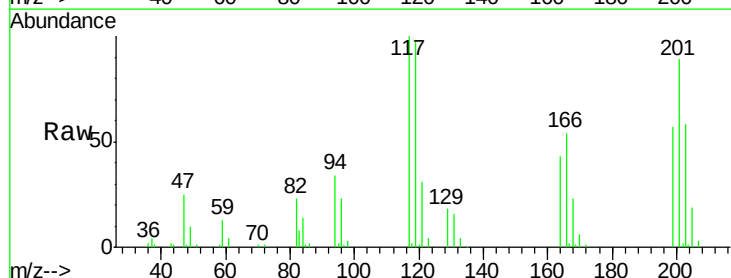


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

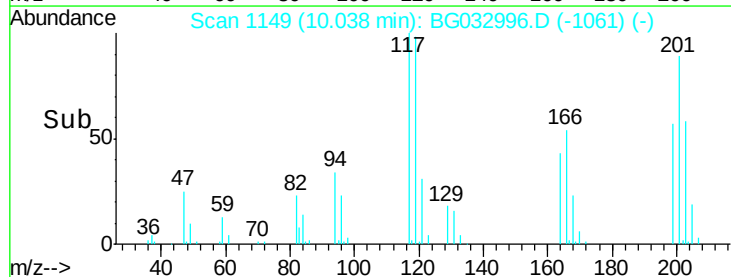
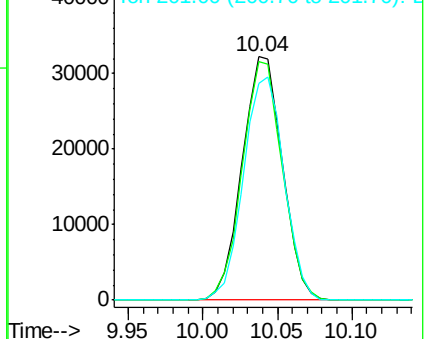


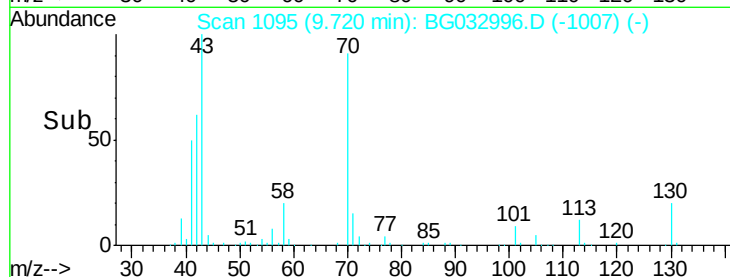
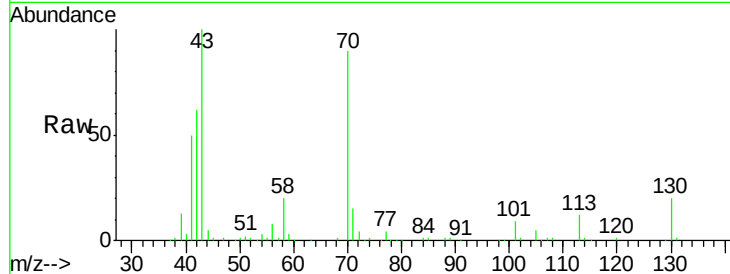
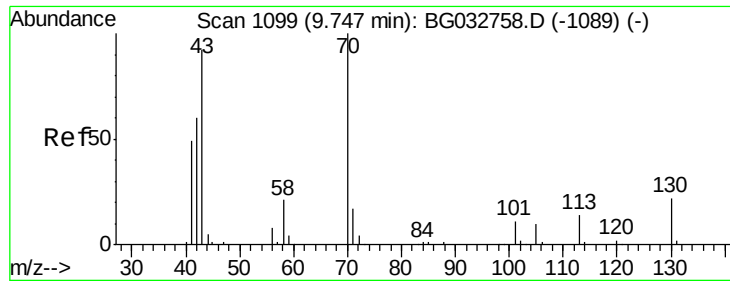
#18
Hexachloroethane
Concen: 38.284 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	117	Resp	60140
Ion Ratio	Lower	Upper	
117	100		
119	97.7	76.7	115.1
201	89.0	95.7	143.5#



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





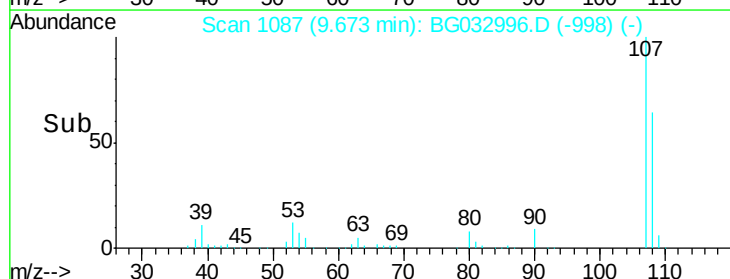
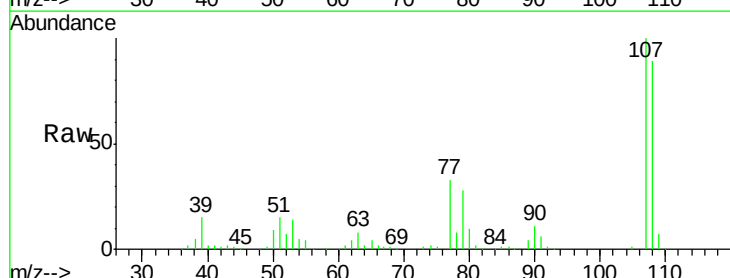
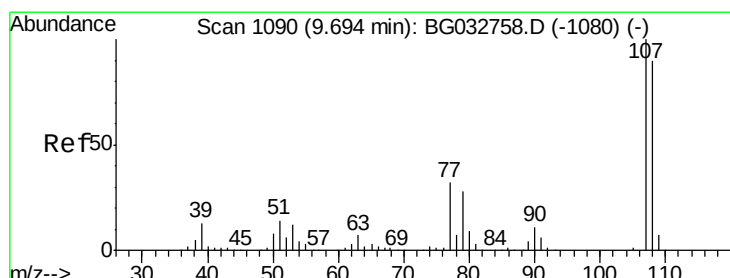
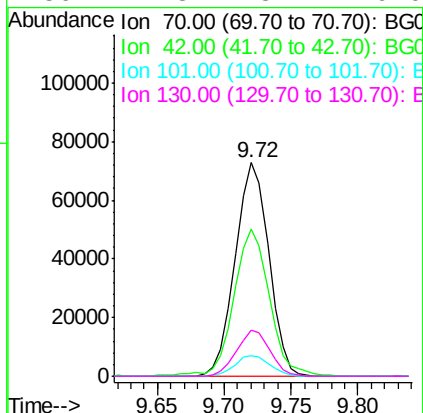
#19
n-Nitroso-di-n-propylamine
Concen: 36.201 ng
RT: 9.72 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.8	49.1	73.7	
101	9.7	8.5	12.7	
130	21.8	13.4	20.0	

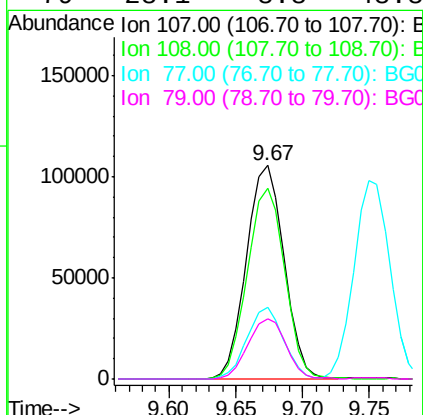
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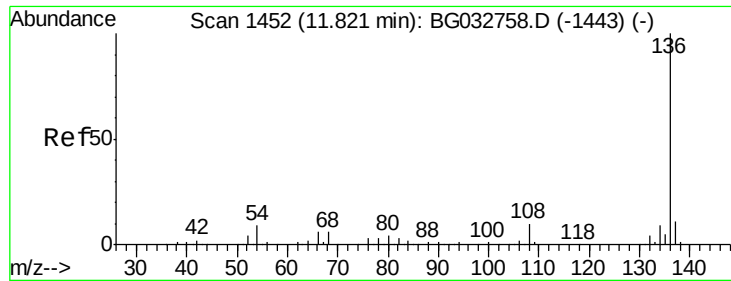
Sohil
3/6/2018 4:26:32 PM



#20
3+4-Methylphenols
Concen: 40.129 ng
RT: 9.67 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	61.6	101.6	
77	33.3	13.9	53.9	
79	28.1	8.8	48.8	





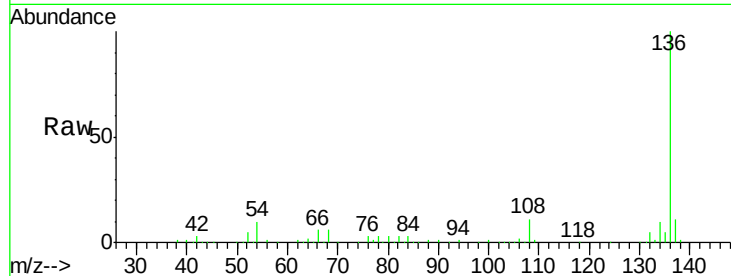
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		258018		
137	11.2	9.2	13.8		
54	10.2	10.3	15.5		
68	5.9	4.5	6.7		

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3/6/2018 4:26:32 PM



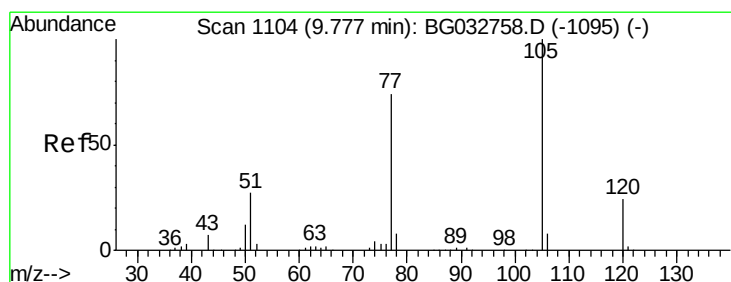
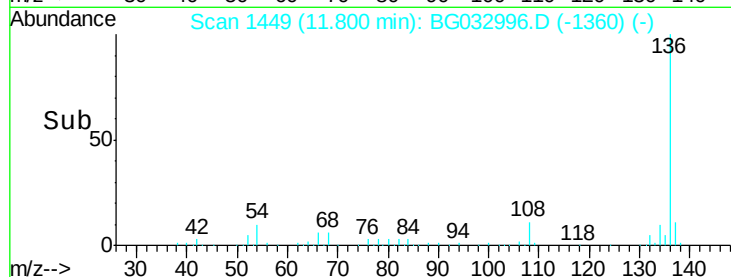
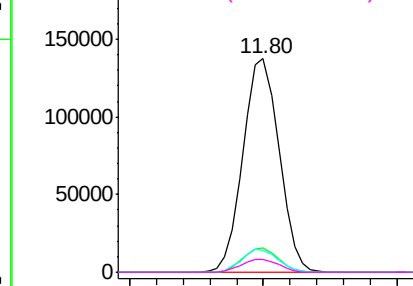
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.325 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		236701		
71	0.4	3.0	4.4		
51	32.0	26.1	39.1		
120	23.0	17.4	26.2		

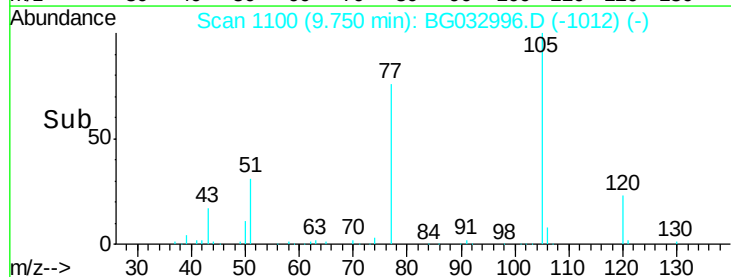
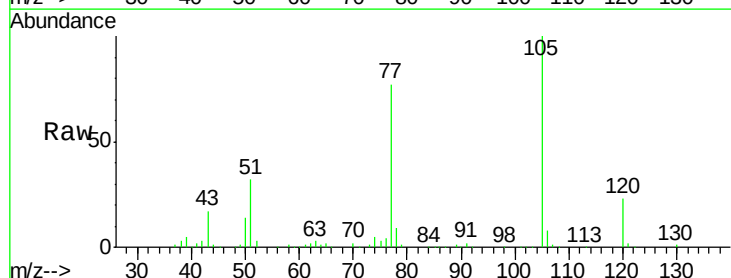
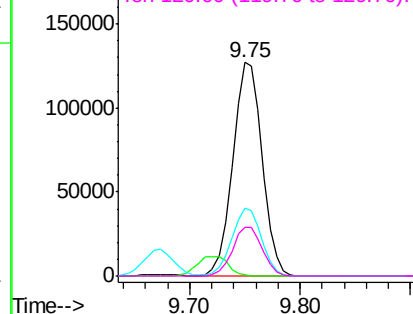
Abundance

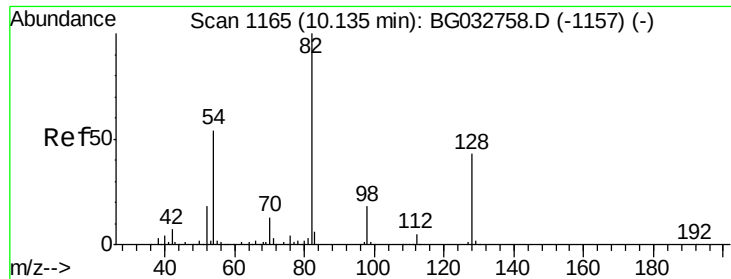
Ion 105.00 (104.70 to 105.70): E

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





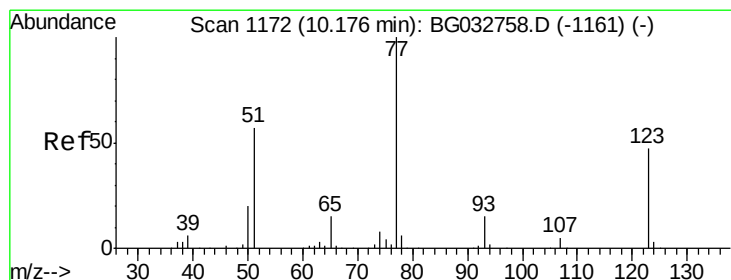
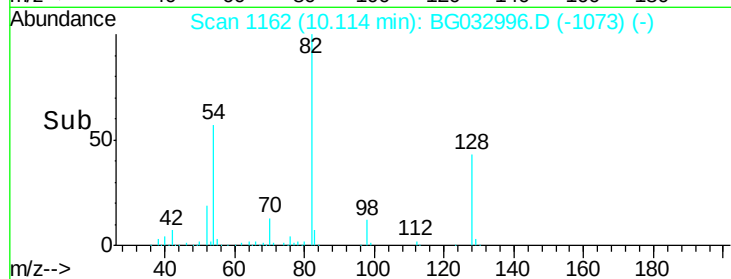
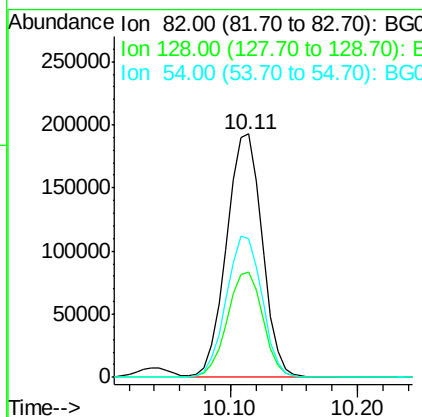
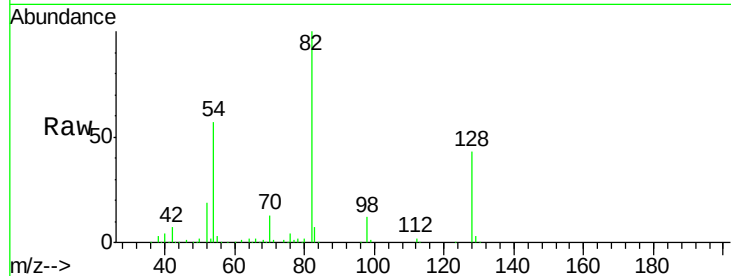
#23
Nitrobenzene-d5
Concen: 98.968 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampled :
PB107053BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	29.7	44.5
54	57.0	43.1	64.7

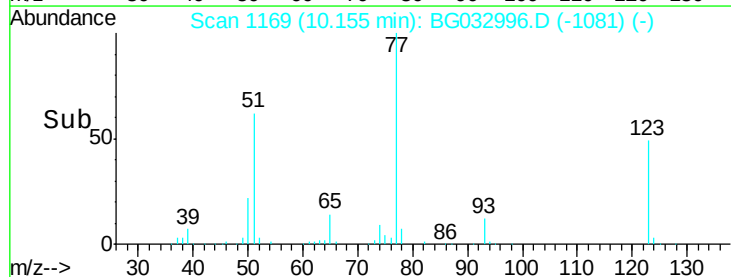
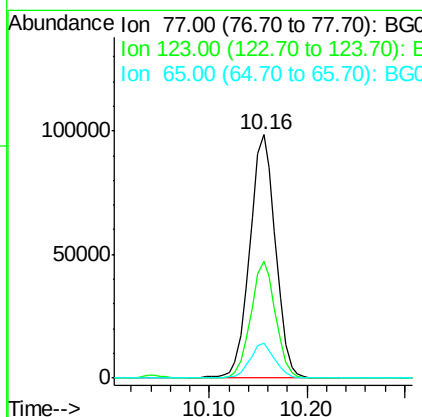
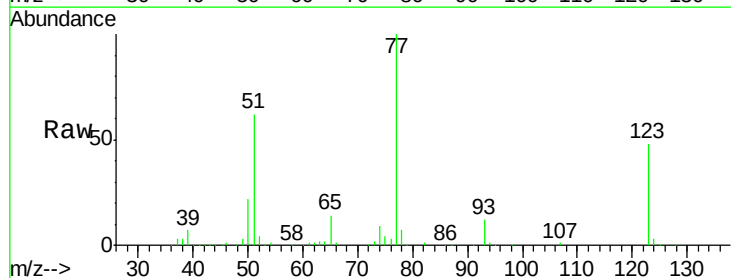
Manual Integrations
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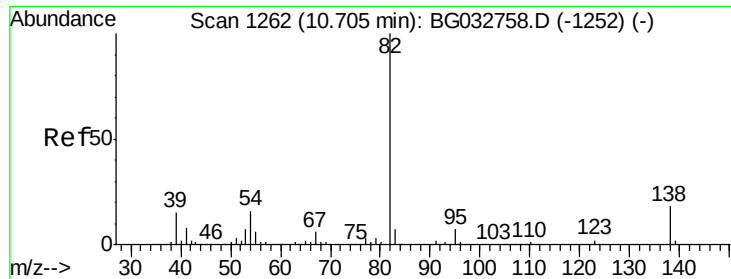
Sohil
3/6/2018 4:26:32 PM



#24
Nitrobenzene
Concen: 44.858 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	33.0	49.6
65	14.2	13.0	19.6





#25

Isophorone

Concen: 38.715 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

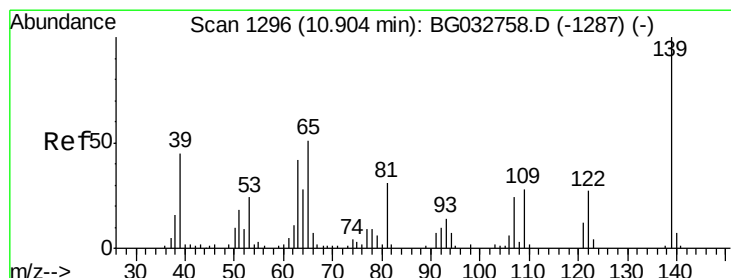
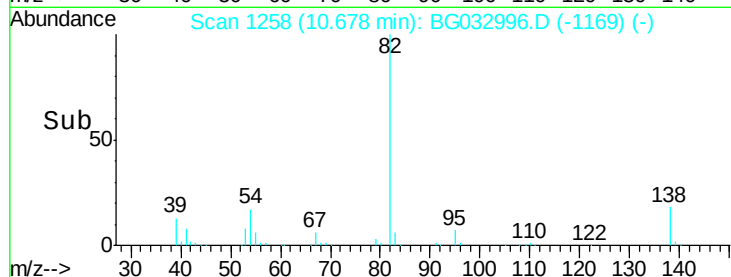
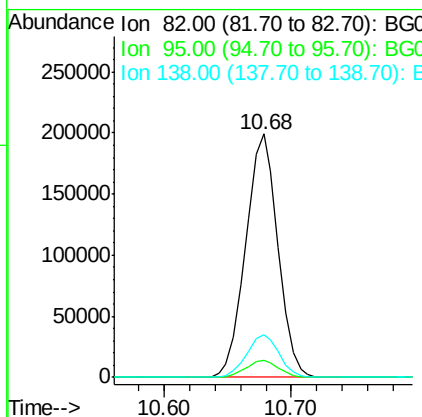
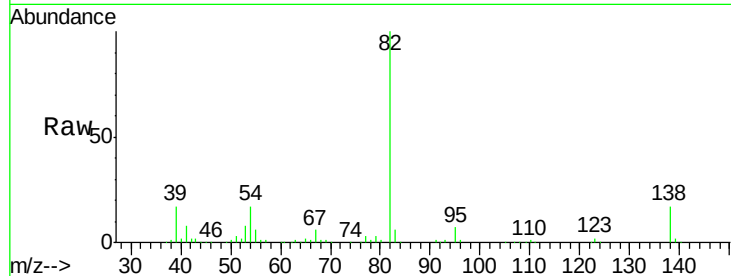
ClientSampleId :

PB107053BS

Tot Ion:	82	Resp:	350609
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.2	9.2
138	17.5	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.666 ng

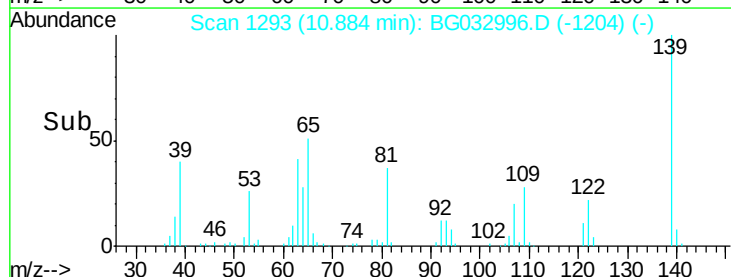
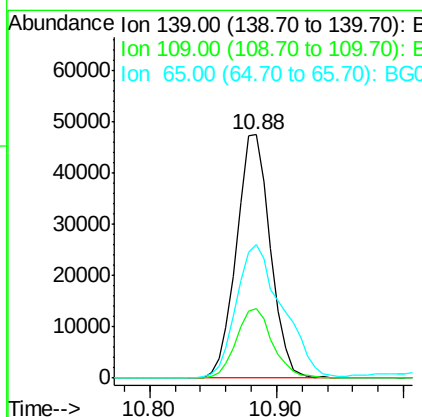
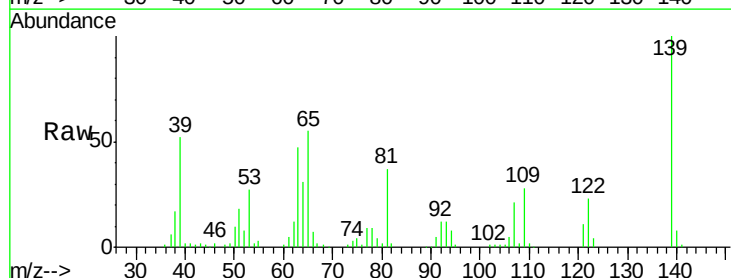
RT: 10.88 min Scan# 1293

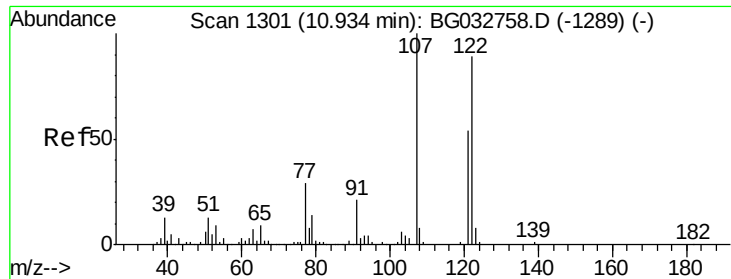
Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Tgt Ion:	139	Resp:	87709
Ion Ratio		Lower	Upper
139	100		
109	28.4	24.2	36.2
65	55.0	47.4	71.0





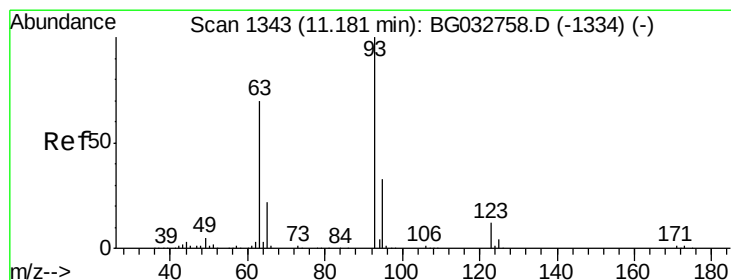
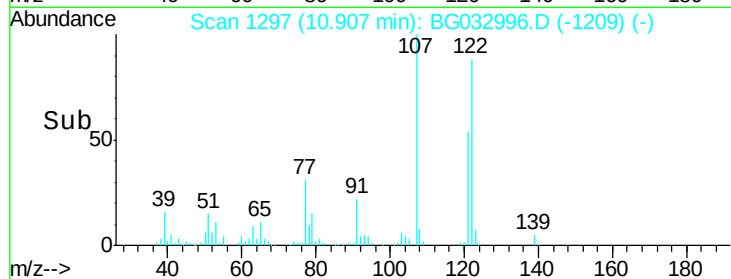
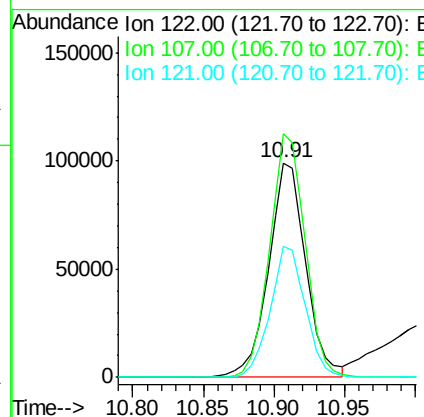
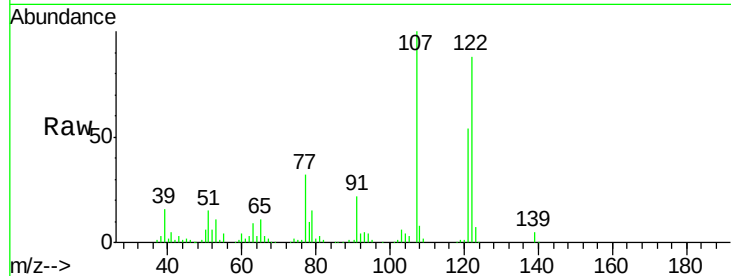
#27
2,4-Dimethylphenol
Concen: 46.396 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampled :
PB107053BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.4	100.2	150.2
121	61.0	44.4	66.6

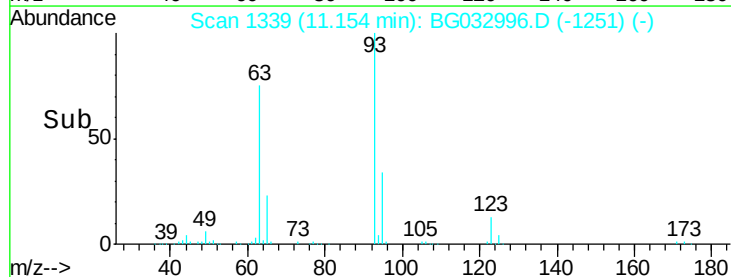
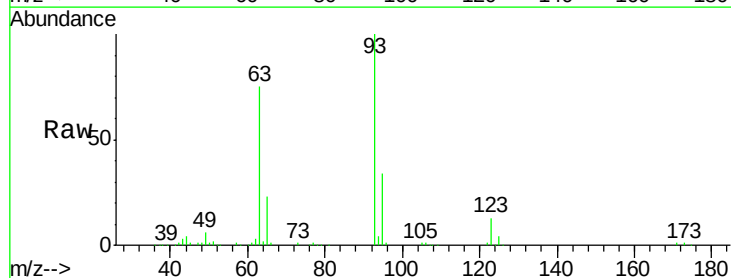
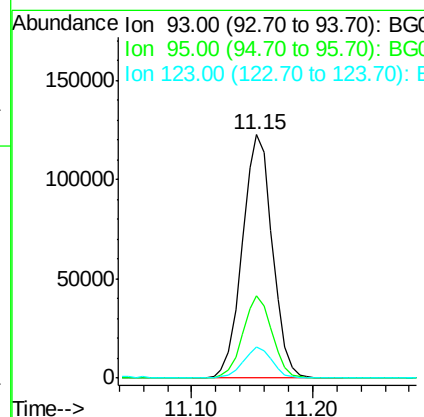
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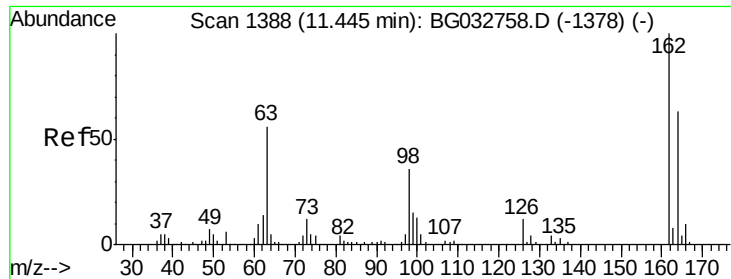
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.176 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.3	36.5
123	12.6	8.4	12.6





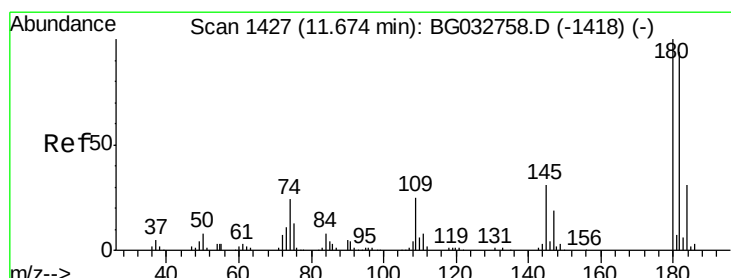
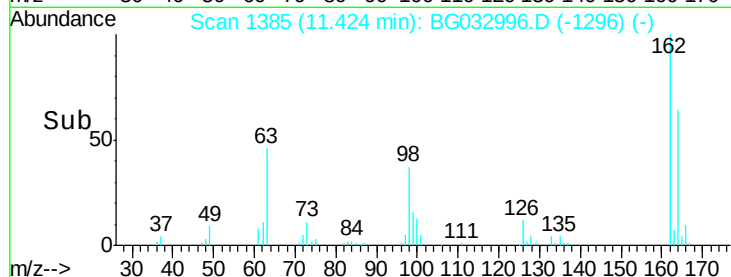
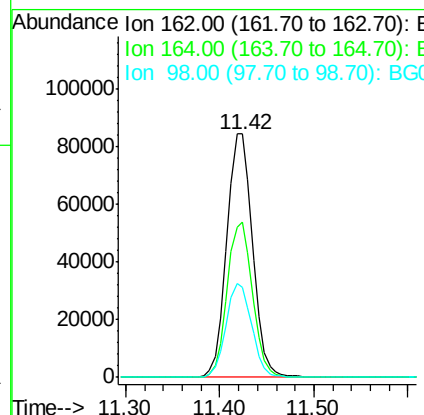
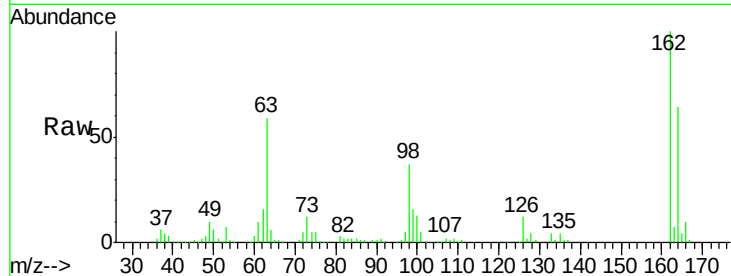
#29
 2,4-Dichlorophenol
 Concen: 45.194 ng
 RT: 11.42 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB107053BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	48.0	88.0
98	36.9	21.1	61.1

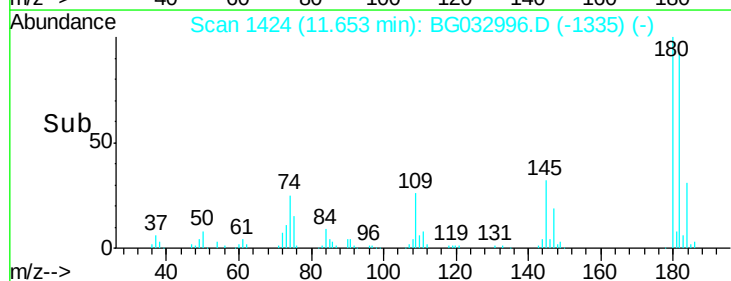
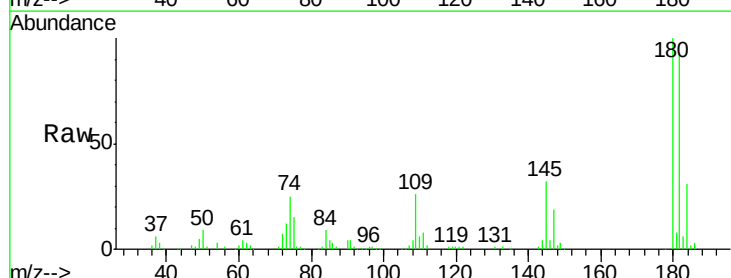
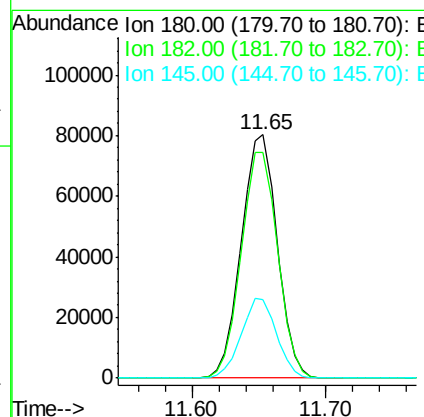
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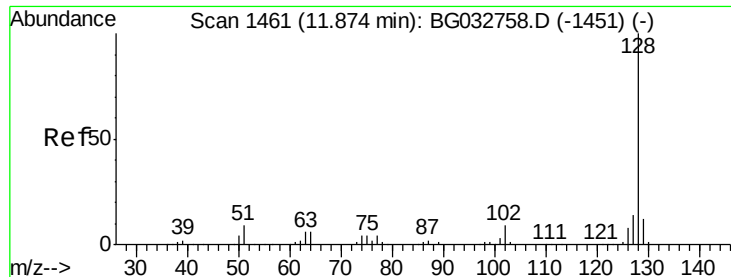
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.705 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.9	77.5	116.3
145	32.2	23.4	35.2





#31

Naphthalene

Concen: 37.528 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

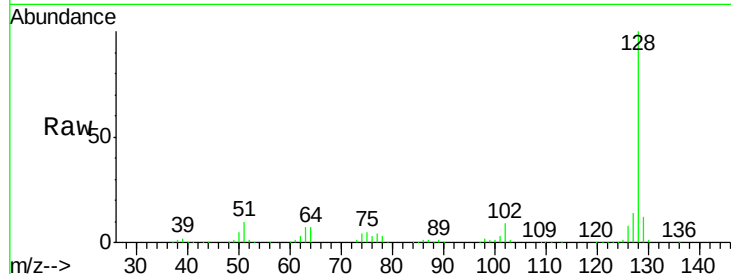
ClientSampleId :

PB107053BS

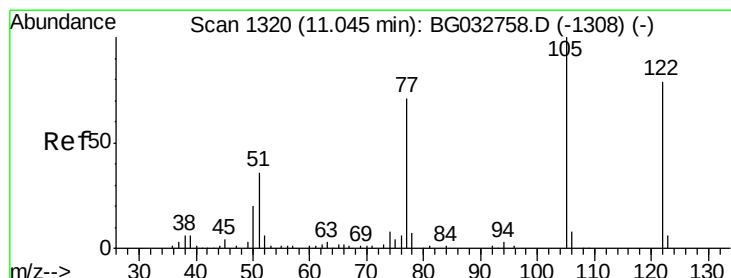
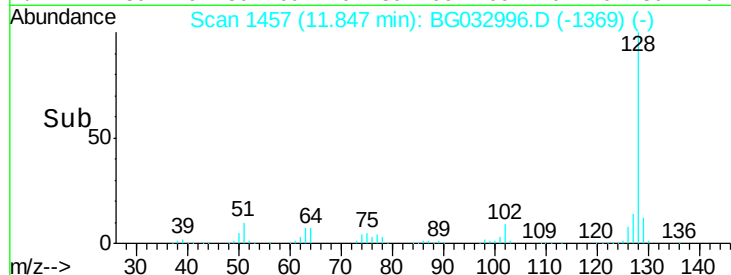
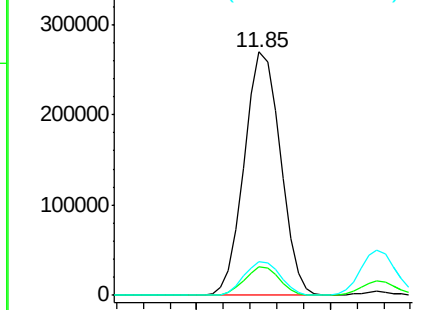
Tot Ion:	128	Resp:	505963
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.6	12.8
127	13.9	11.6	17.4

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3/6/2018 4:26:32 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.484 ng

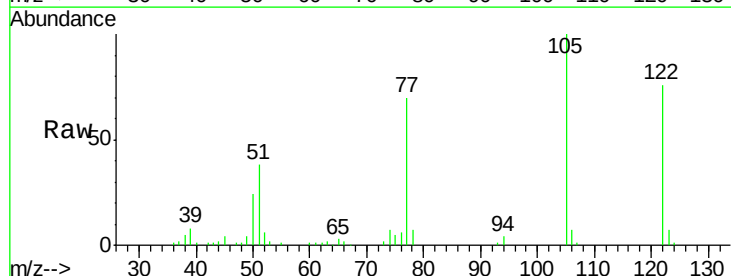
RT: 11.02 min Scan# 1316

Delta R.T. 0.00 min

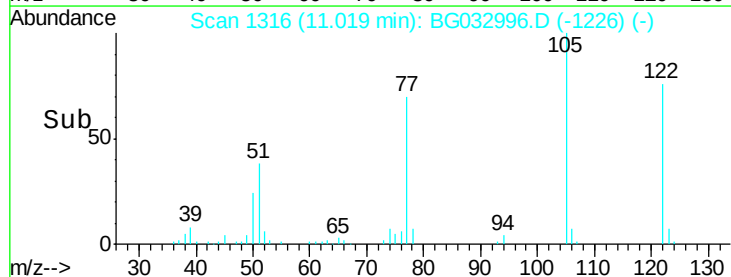
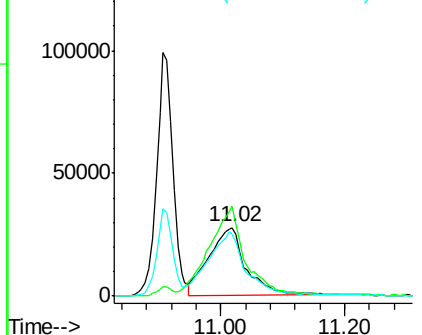
Lab File: BG032996.D

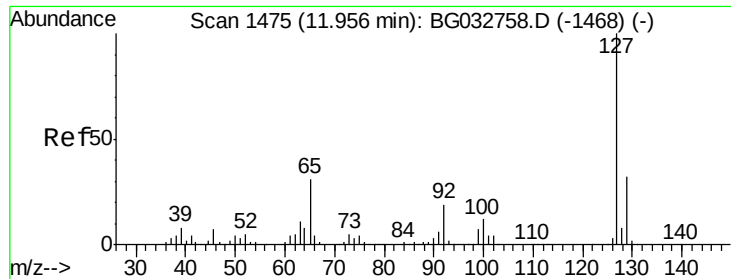
Acq: 5 Mar 2018 19:06

Tgt Ion:	122	Resp:	115810
Ion Ratio	Lower	Upper	
122	100		
105	131.2	123.5	163.5
77	91.3	85.7	125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





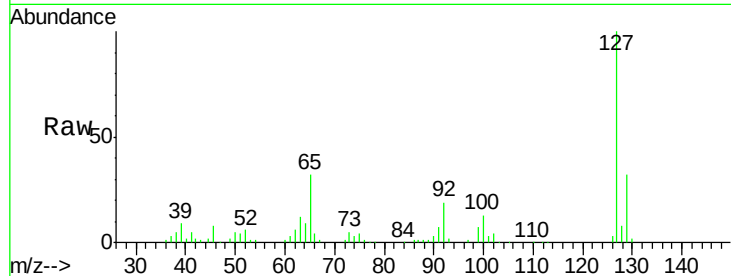
#33
4-Chloroaniline
Concen: 15.211 ng
RT: 11.94 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

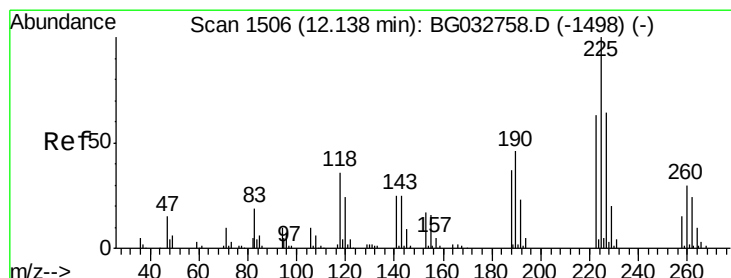
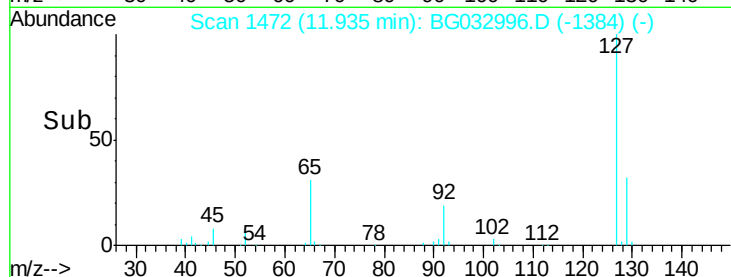
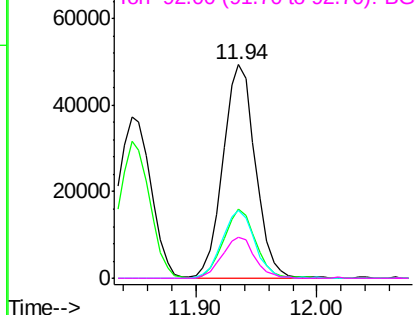
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.0	36.0
65	31.8	27.0	40.4
92	19.3	16.6	25.0

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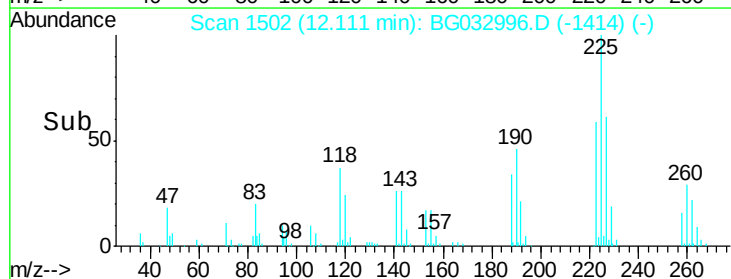
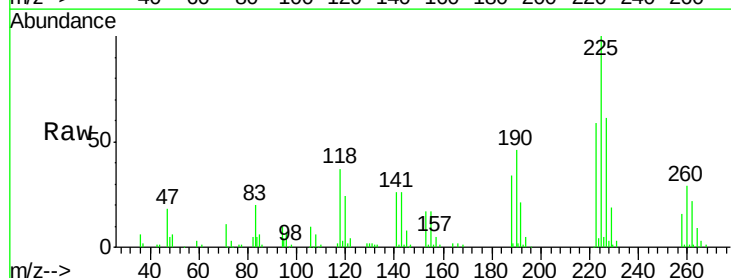
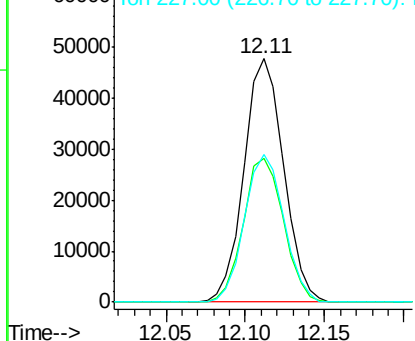
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

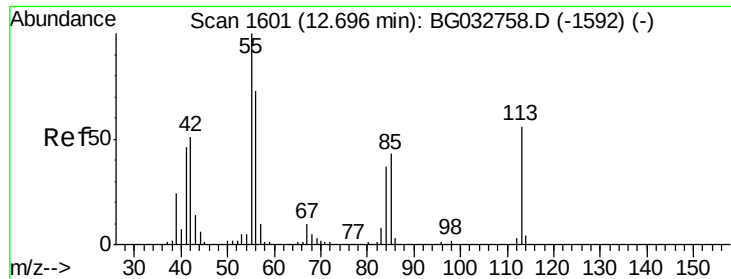


#34
Hexachlorobutadiene
Concen: 35.398 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.2	49.7	74.5
227	60.9	48.1	72.1

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





#35

Caprolactam

Concen: 46.690 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

PB107053BS

Tot Ion:113 Resp: 66753

Ion Ratio Lower Upper

113 100

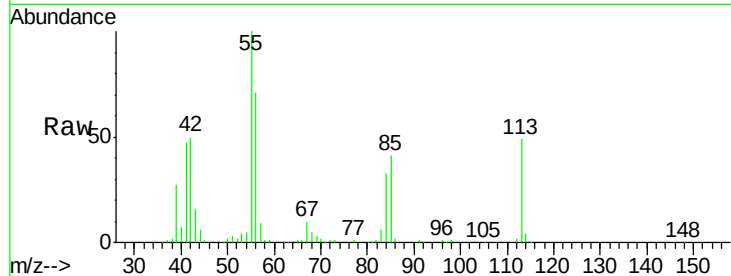
55 203.2 186.9 226.9

56 144.5 130.9 170.9

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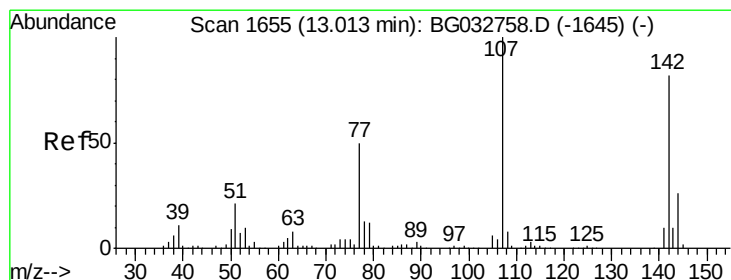
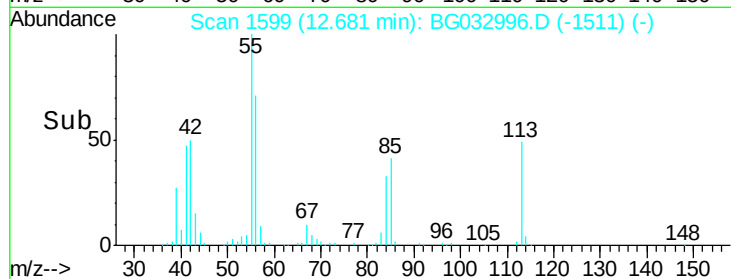
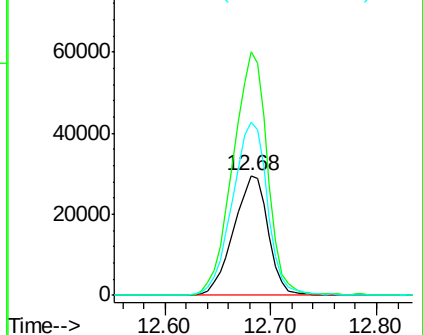
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.158 ng

RT: 13.00 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

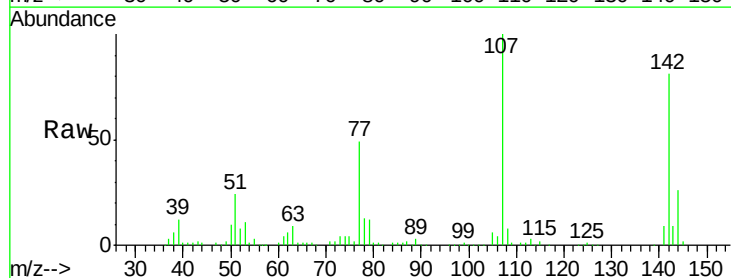
Tgt Ion:107 Resp: 195948

Ion Ratio Lower Upper

107 100

144 26.3 18.2 27.4

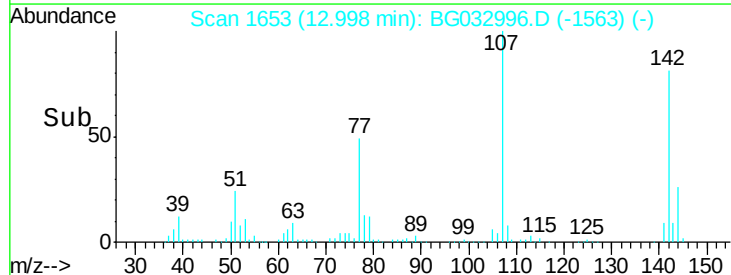
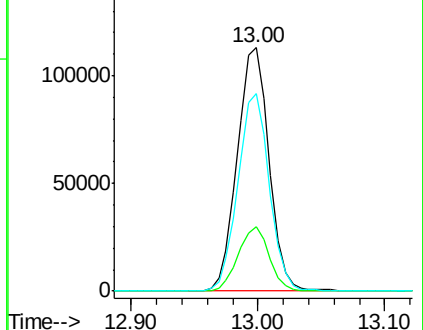
142 81.0 59.0 88.4

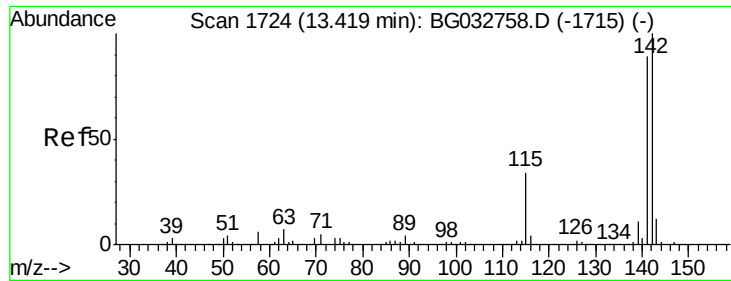


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





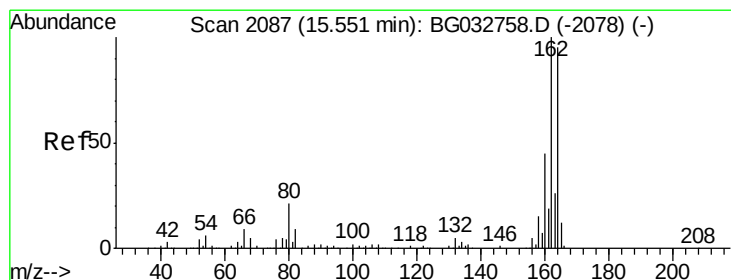
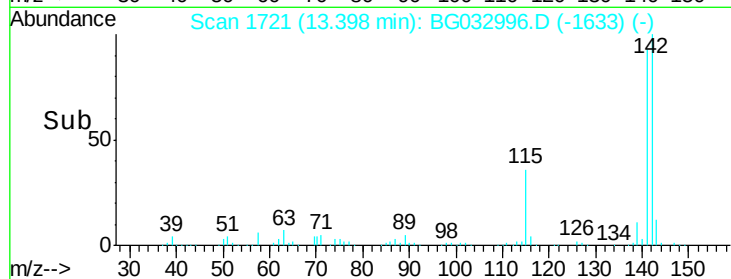
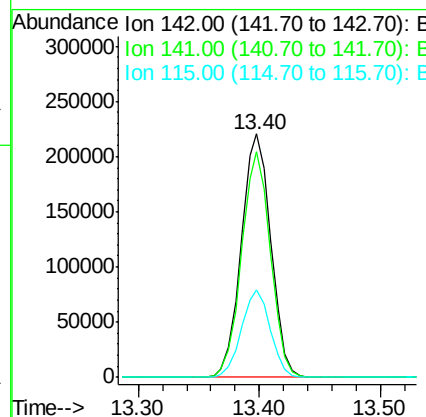
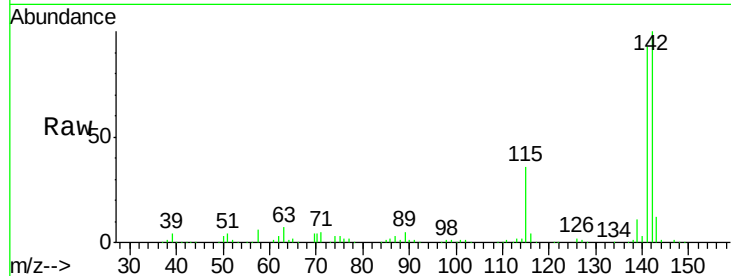
#37
2-Methylnaphthalene
Concen: 38.470 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	67.1	100.7
115	36.1	30.7	46.1

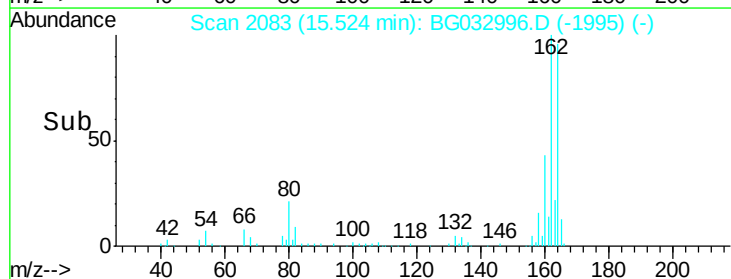
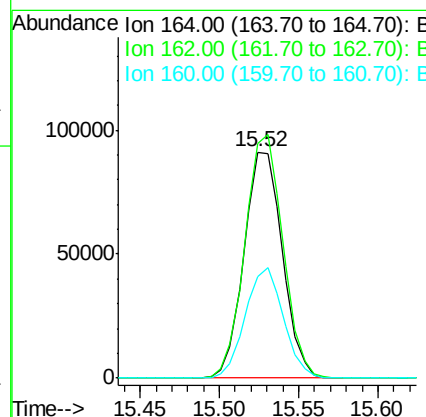
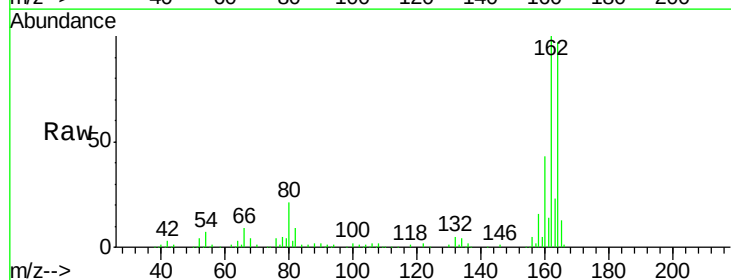
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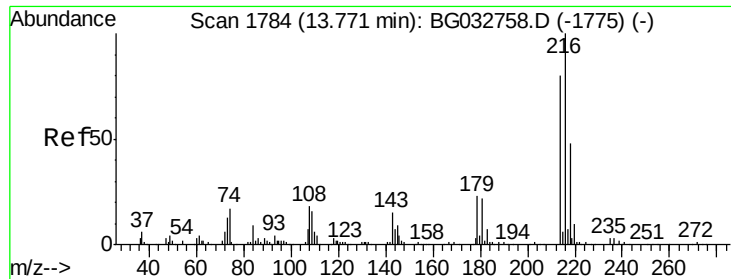
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	44.6	35.4	53.0





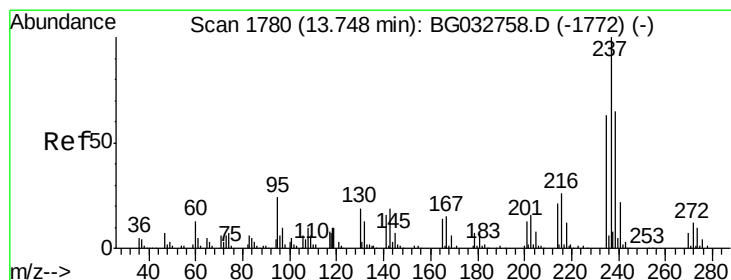
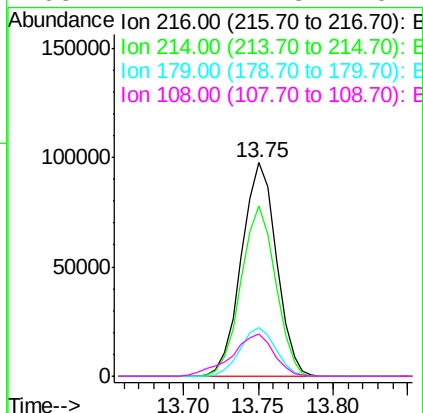
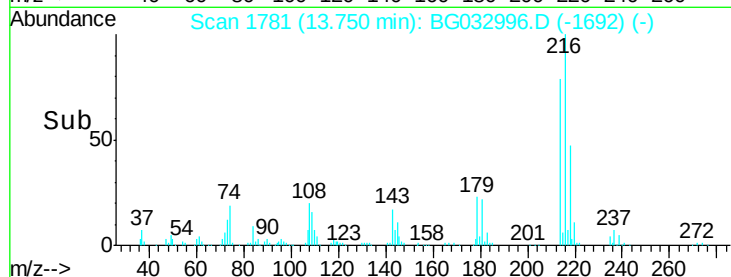
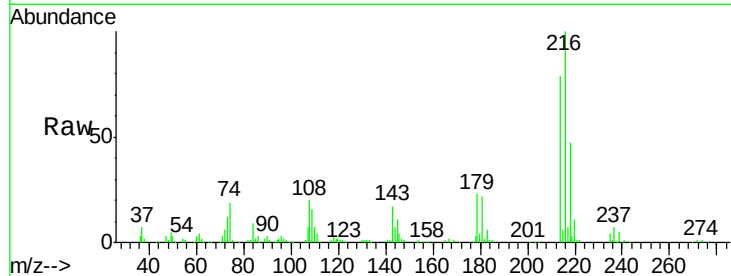
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.693 ng
 RT: 13.75 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampled :
 PB107053BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	23.0	17.0	25.6
108	24.1	12.8	19.2

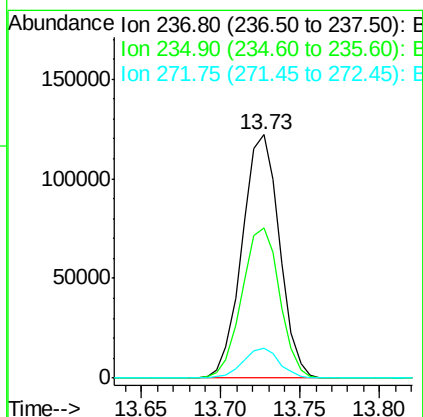
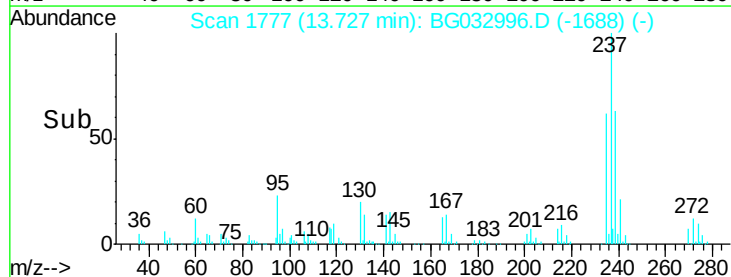
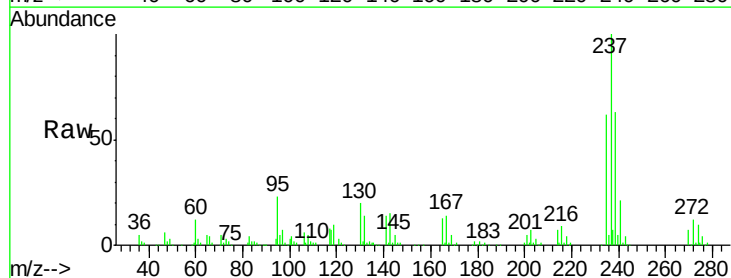
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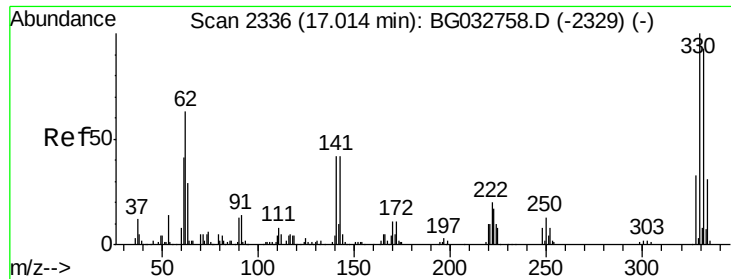
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#40
 Hexachlorocyclopentadiene
 Concen: 85.990 ng
 RT: 13.73 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.6	50.4	90.4
272	12.0	0.0	31.8





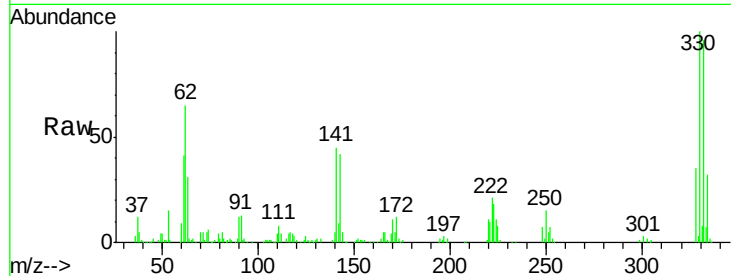
#41
 2,4,6-Tribromophenol
 Concen: 136.257 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB107053BS

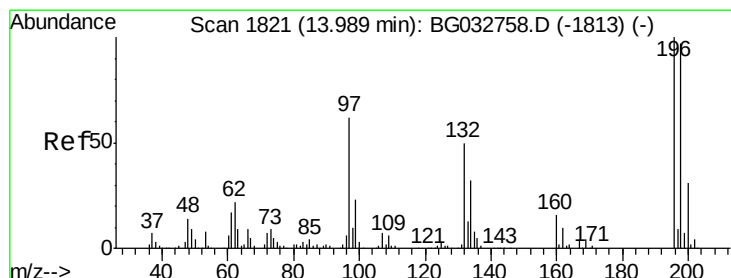
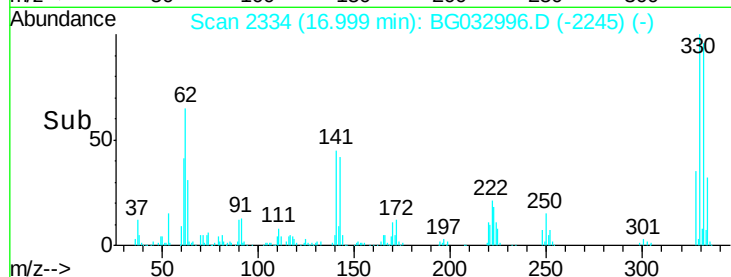
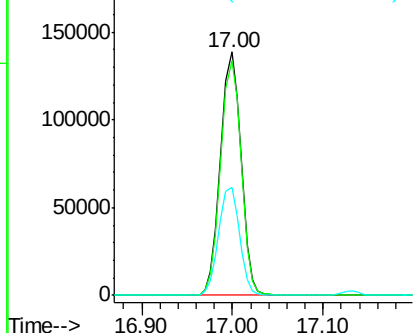
Tot Ion	Ratio	Resp	Lower	Upper
330	100	220039		
332	96.2	77.0	115.6	
141	44.9	25.2	37.8	

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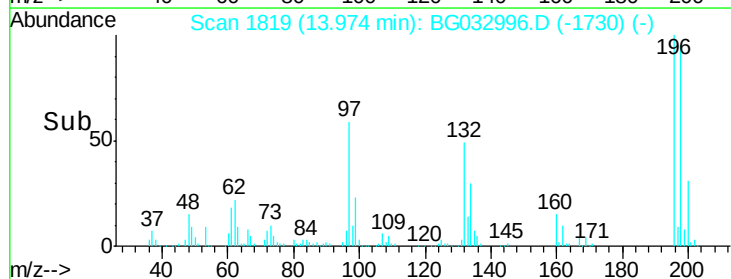
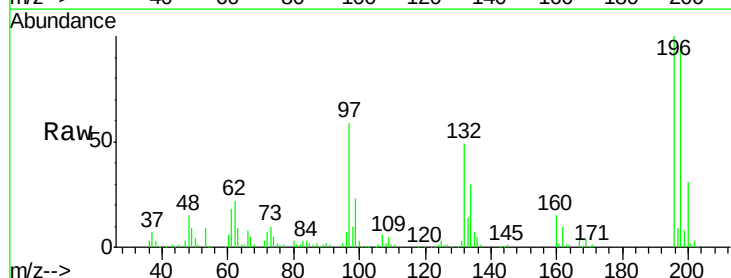
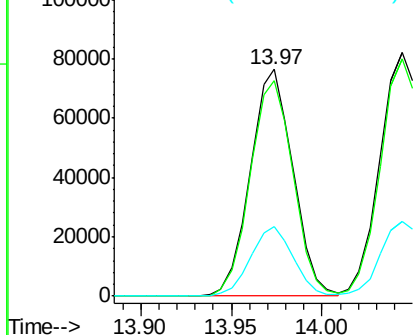
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

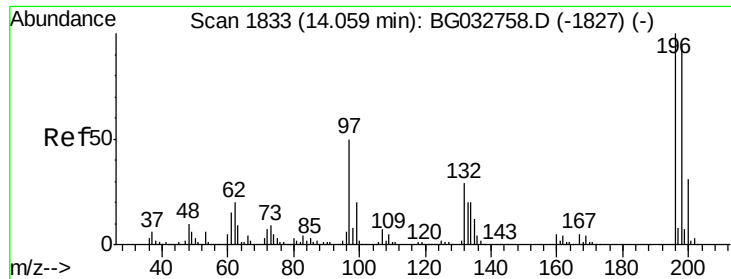


#42
 2,4,6-Trichlorophenol
 Concen: 43.364 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124680		
198	94.9	78.2	117.2	
200	30.7	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





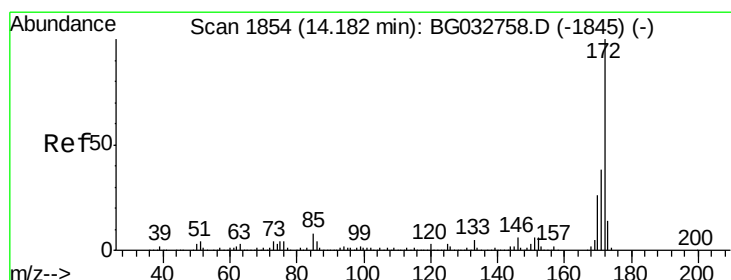
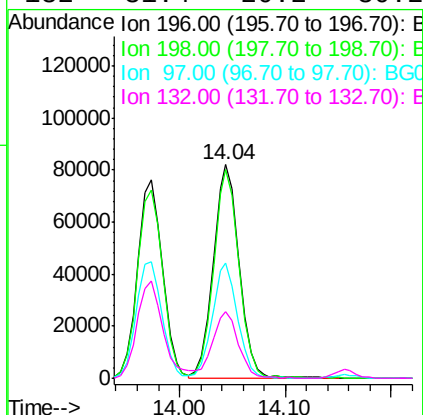
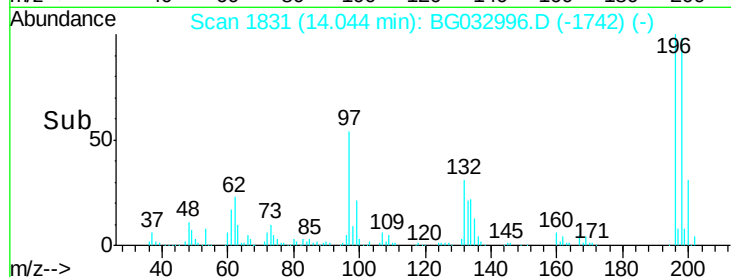
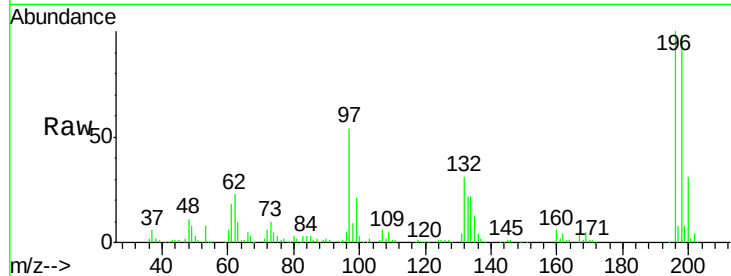
#43
 2,4,5-Trichlorophenol
 Concen: 42.179 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB107053BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	140359		
198	97.5	76.2	114.4	
97	54.1	38.7	58.1	
132	31.4	20.2	30.2	

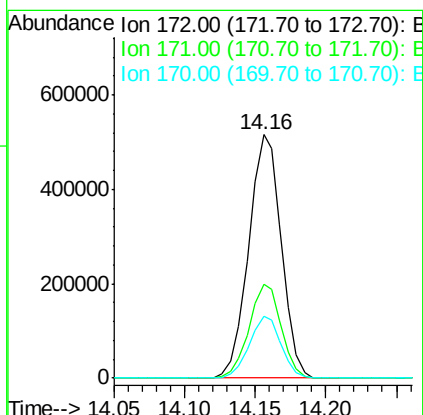
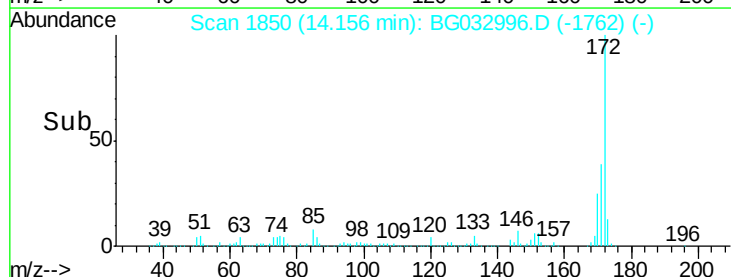
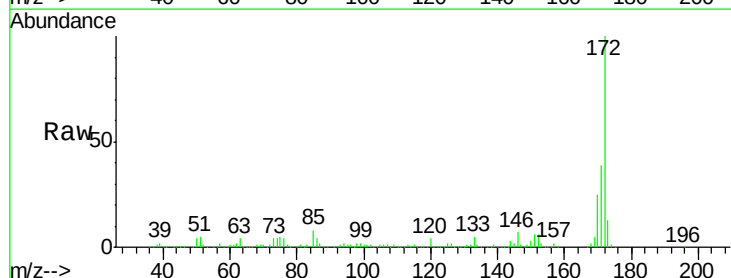
Manual Integrations
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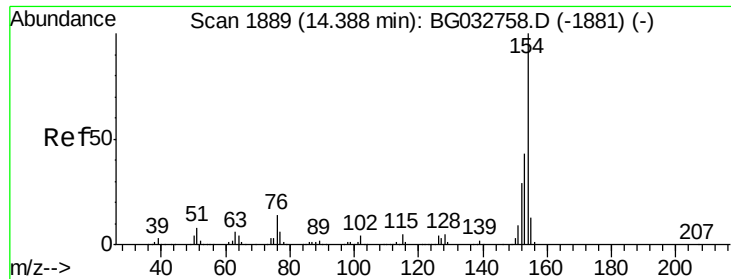
Sohil
 3/6/2018 4:26:32 PM



#44
 2-Fluorobiphenyl
 Concen: 78.082 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	831482		
171	38.7	30.0	45.0	
170	25.4	19.5	29.3	





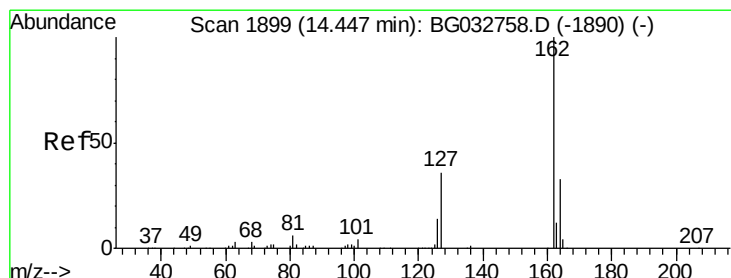
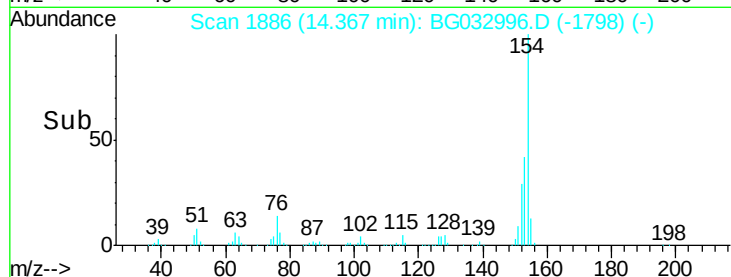
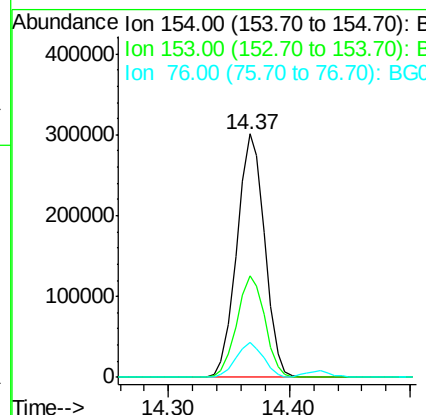
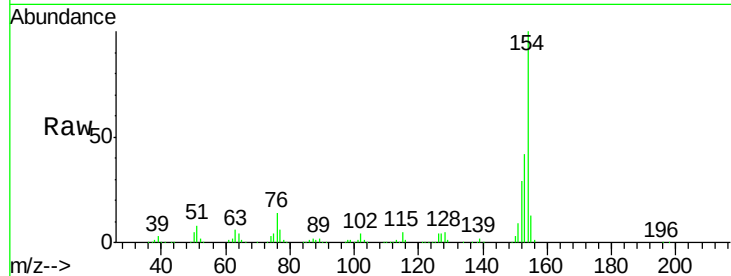
#45
 1,1'-Biphenyl
 Concen: 35.812 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB107053BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	14.1	0.0	31.9

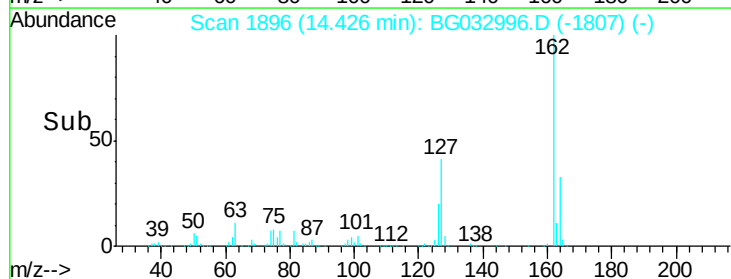
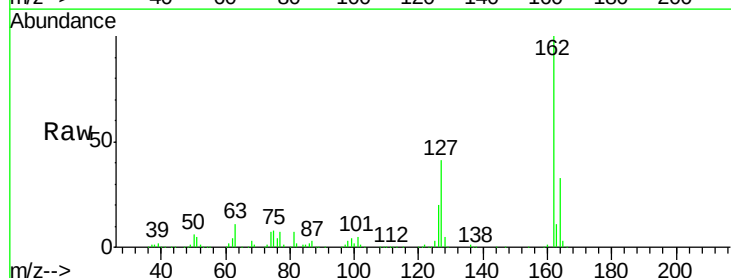
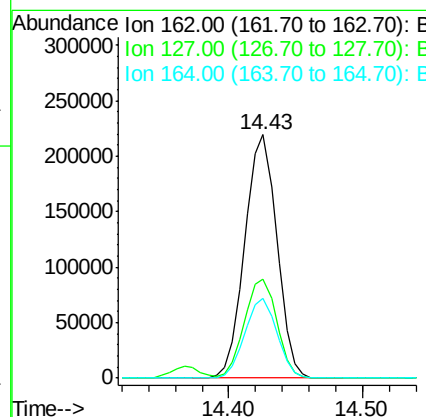
Manual Integrations
 APPROVED

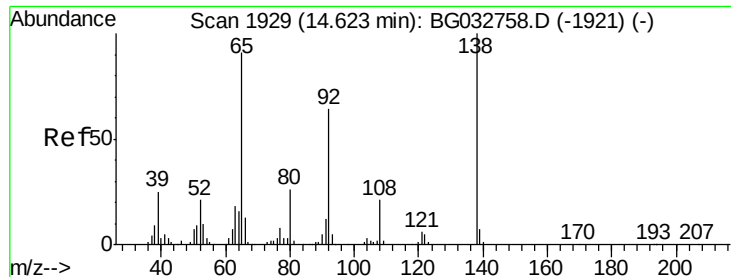
Sohil
 3/6/2018 4:26:32 PM



#46
 2-Chloronaphthalene
 Concen: 36.222 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	30.7	46.1
164	32.7	26.0	39.0





#47

2-Nitroaniline

Concen: 52.875 ng

RT: 14.60 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

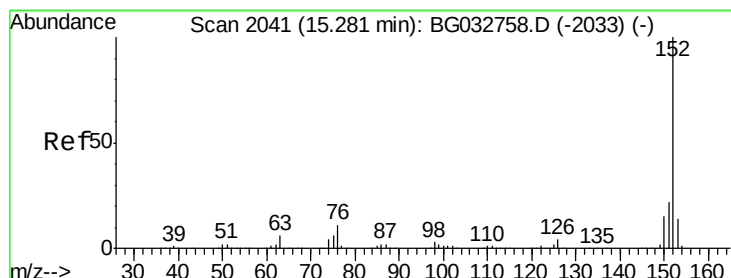
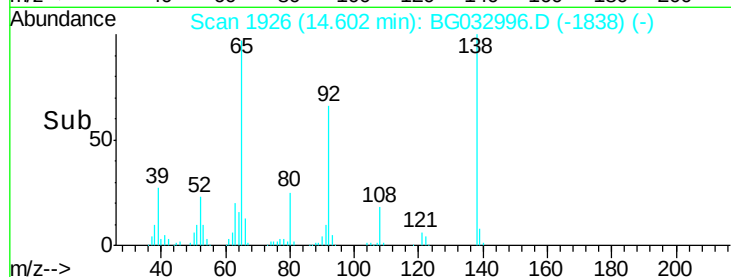
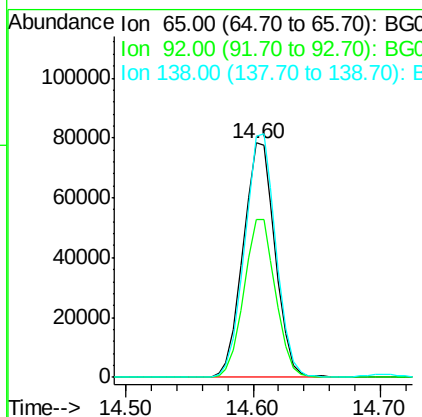
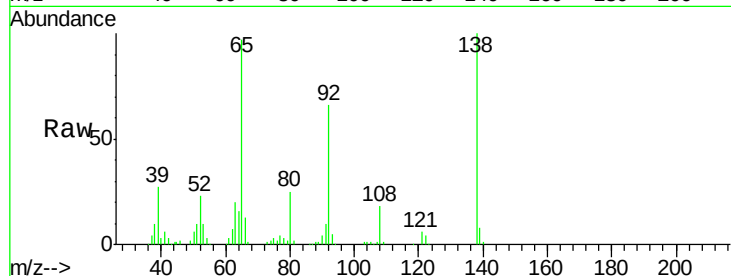
ClientSampled :

PB107053BS

Tot Ion:	65	Resp:	136863
Ion Ratio	Lower	Upper	
65	100		
92	67.3	54.6	82.0
138	102.7	72.9	109.3

Manual Integrations
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3/6/2018 4:26:32 PM



#48

Acenaphthylene

Concen: 36.907 ng

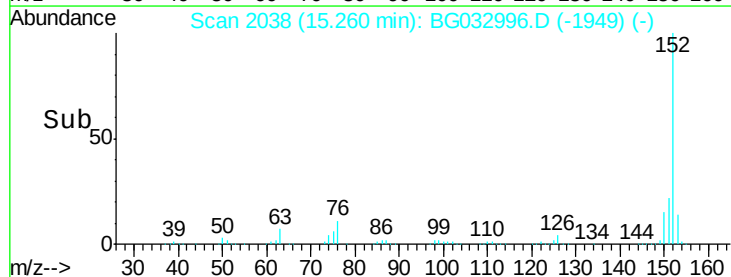
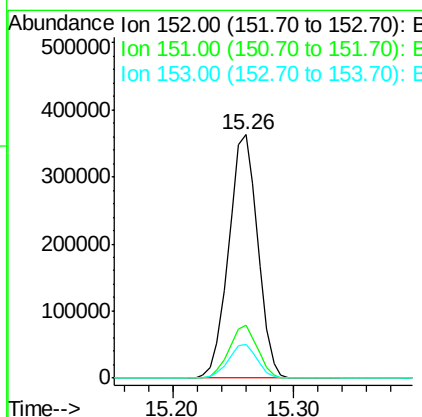
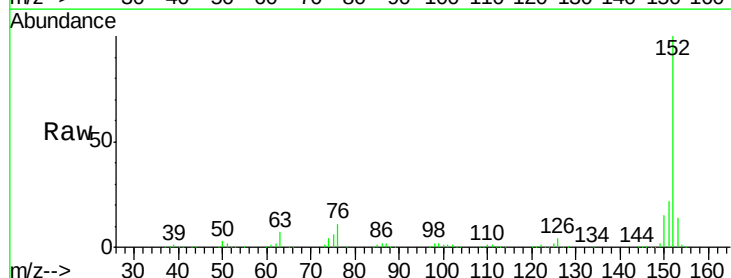
RT: 15.26 min Scan# 2038

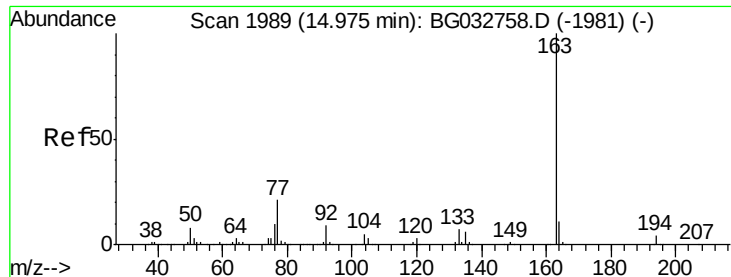
Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Tgt Ion:	152	Resp:	605778
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.2	25.8
153	14.0	10.2	15.4





#49

Dimethylphthalate

Concen: 37.295 ng

RT: 14.95 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

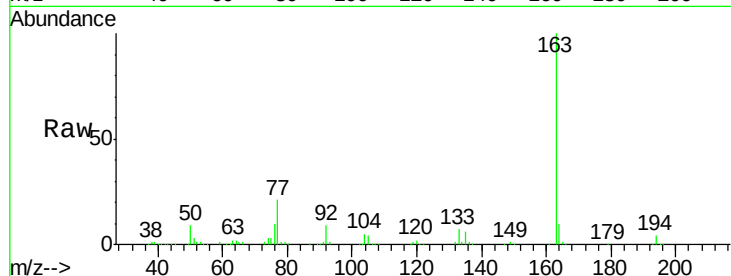
ClientSampleId :

PB107053BS

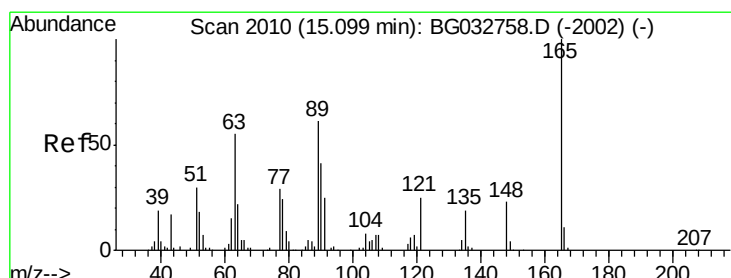
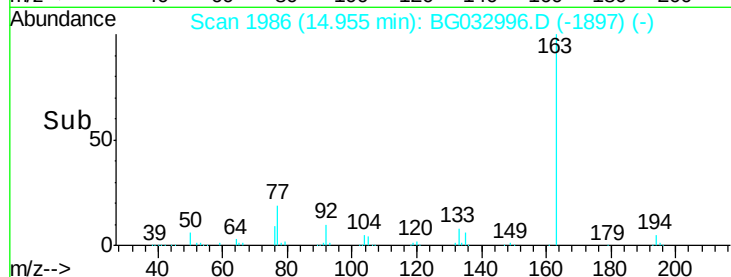
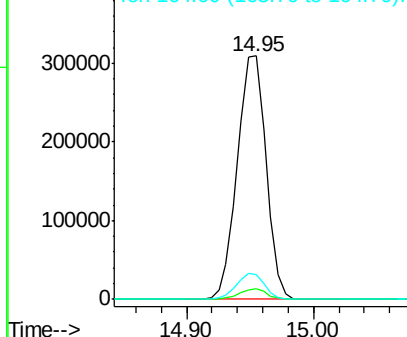
Tot Ion:	163	Resp:	486353
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	10.3	8.2	12.4

Manual Integrations
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.238 ng

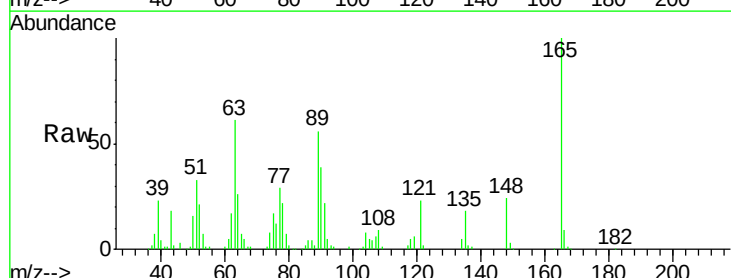
RT: 15.08 min Scan# 2007

Delta R.T. -0.01 min

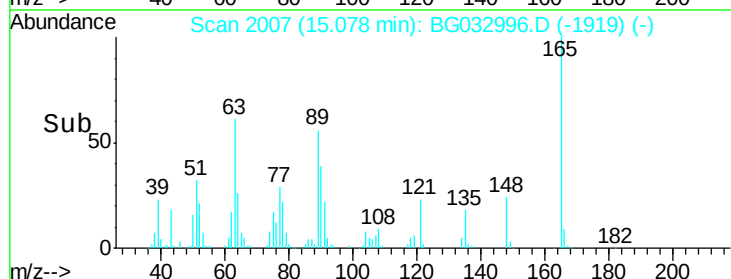
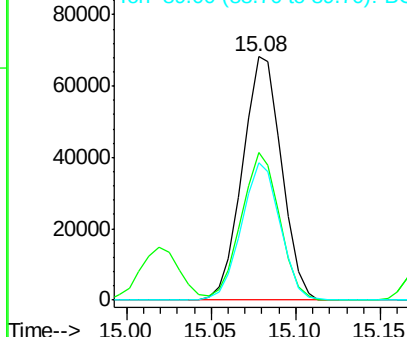
Lab File: BG032996.D

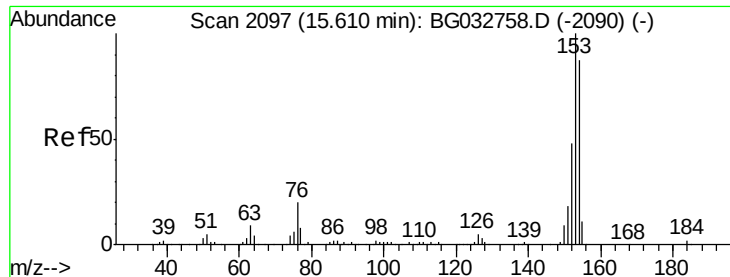
Acq: 5 Mar 2018 19:06

Tgt Ion:	165	Resp:	109535
Ion Ratio	Lower	Upper	
165	100		
63	60.5	52.7	79.1
89	56.4	49.2	73.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.410 ng

RT: 15.59 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

PB107053BS

Tot Ion:154 Resp: 413075

Ion Ratio Lower Upper

154 100

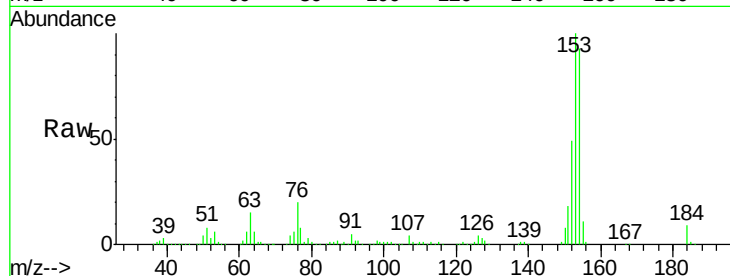
153 107.9 90.4 135.6

152 52.6 41.6 62.4

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Sohil

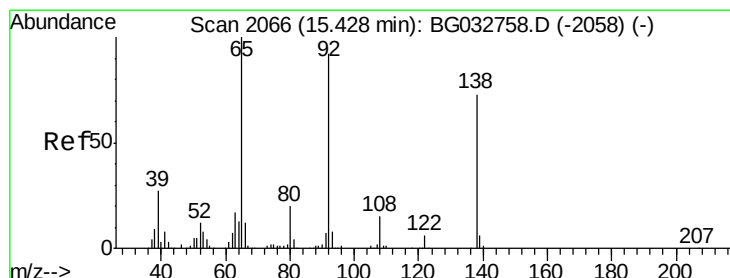
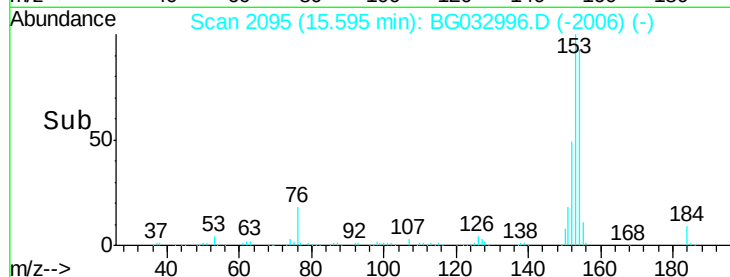
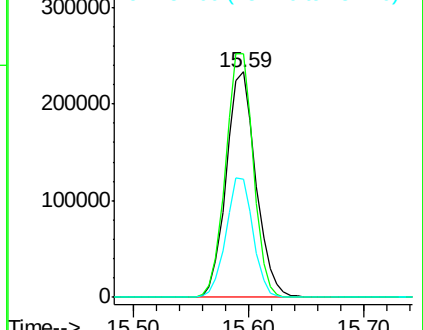
3/6/2018 4:26:32 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.965 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

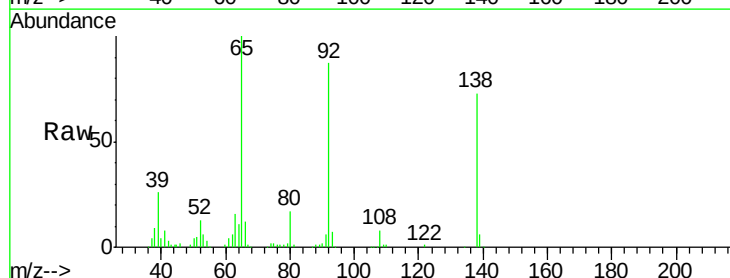
Tgt Ion:138 Resp: 71036

Ion Ratio Lower Upper

138 100

108 10.8 17.5 26.3#

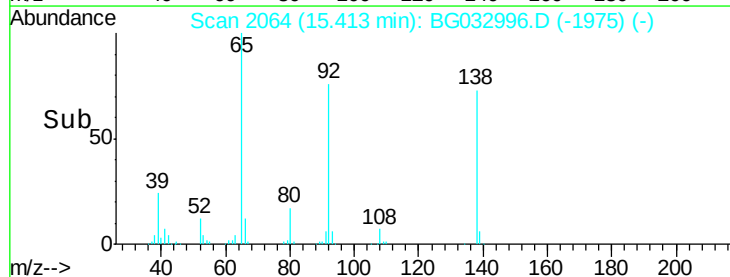
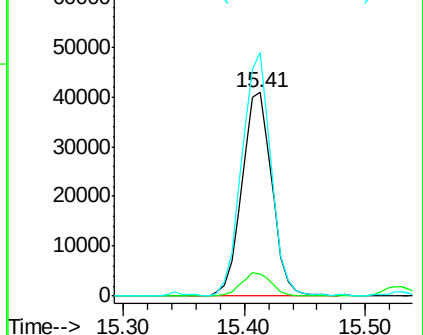
92 119.7 105.8 158.8

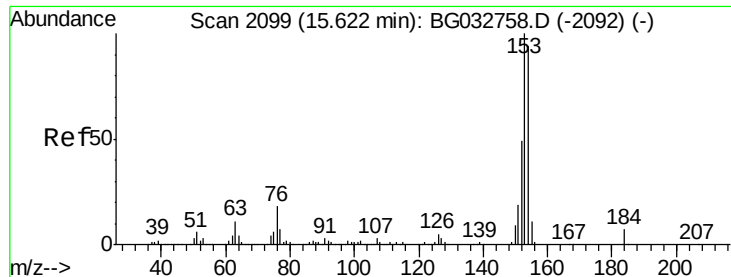


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





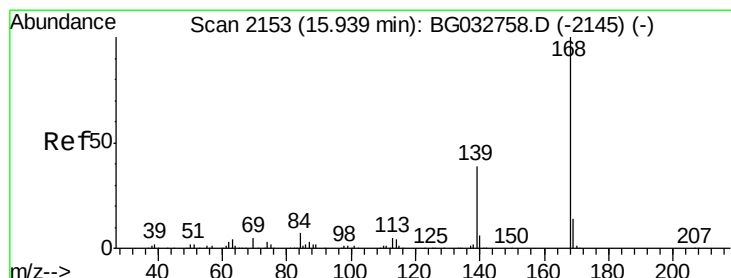
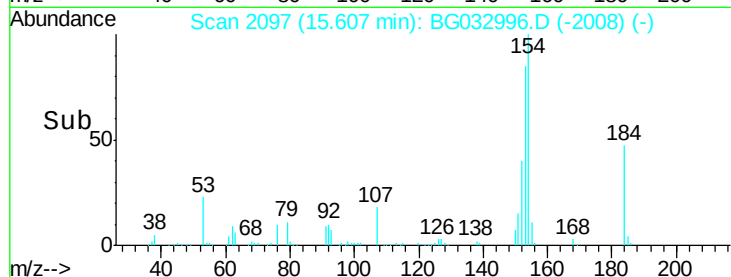
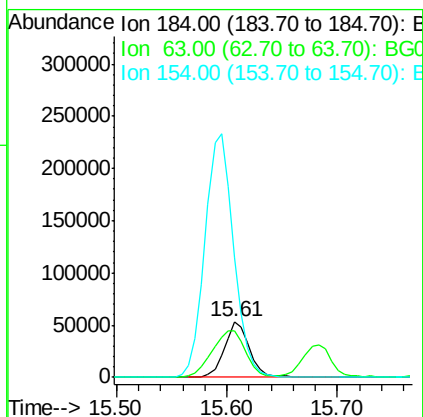
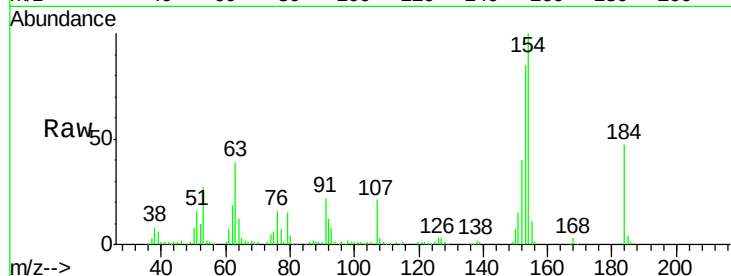
#53
2,4-Dinitrophenol
Concen: 110.477 ng
RT: 15.61 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	82.9	59.8	89.8
154	213.3	101.8	152.8#

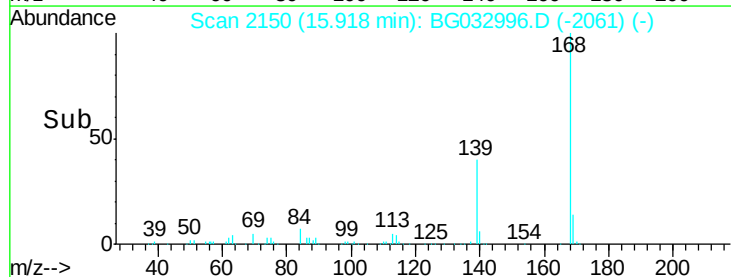
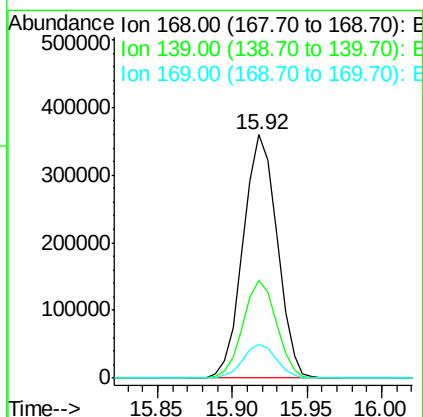
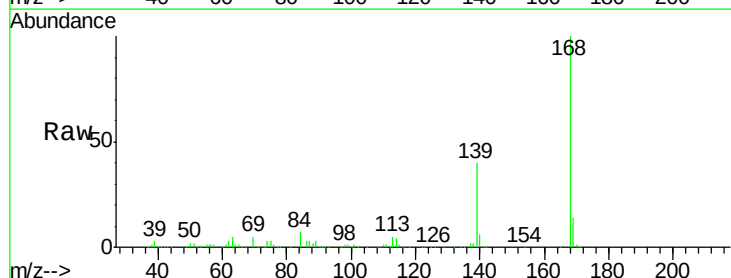
Manual Integrations
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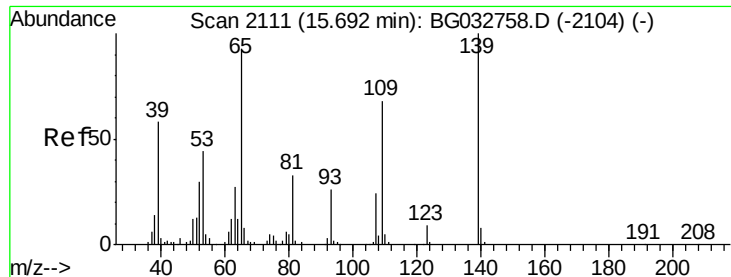
Sohil
3/6/2018 4:26:32 PM



#54
Dibenzofuran
Concen: 38.912 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	28.6	43.0
169	13.9	11.2	16.8





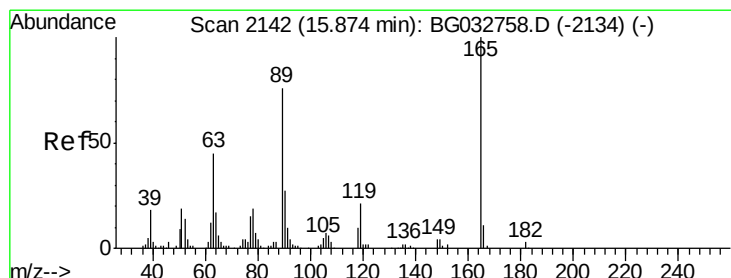
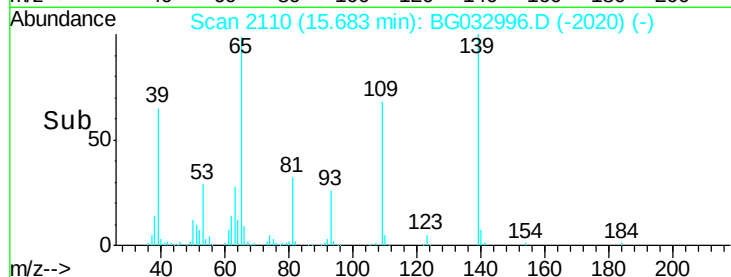
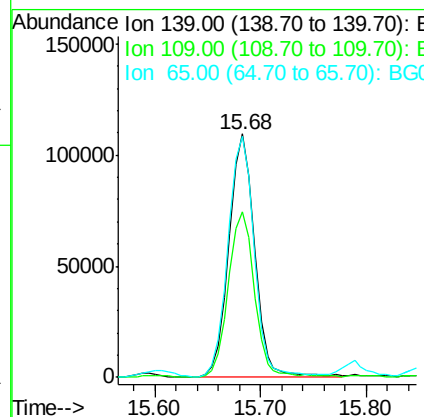
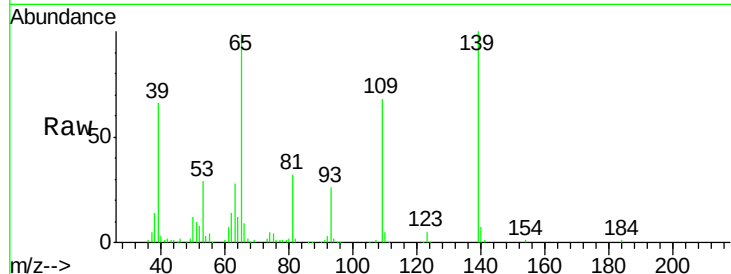
#55
4-Nitrophenol
Concen: 86.373 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampled :
PB107053BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	185772		
109	68.2	62.2	102.2	
65	99.2	97.2	137.2	

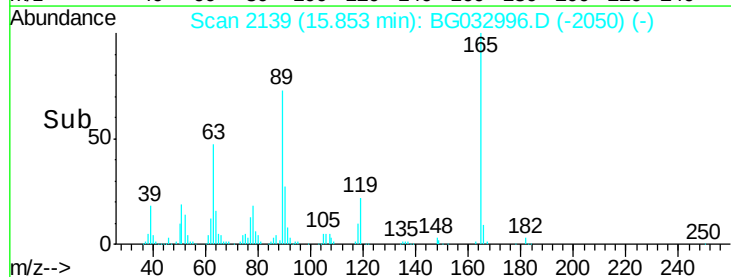
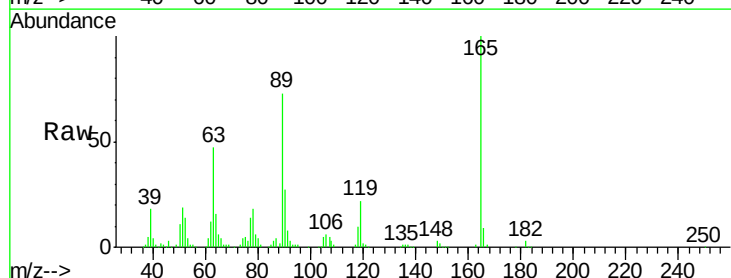
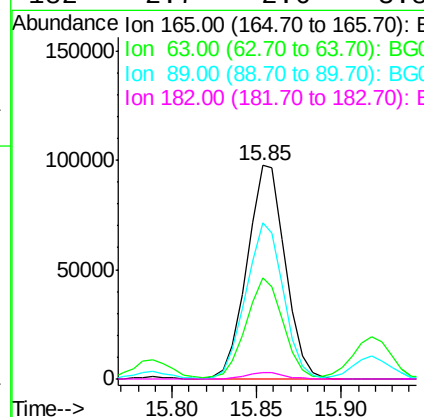
Manual Integrations
APPROVED

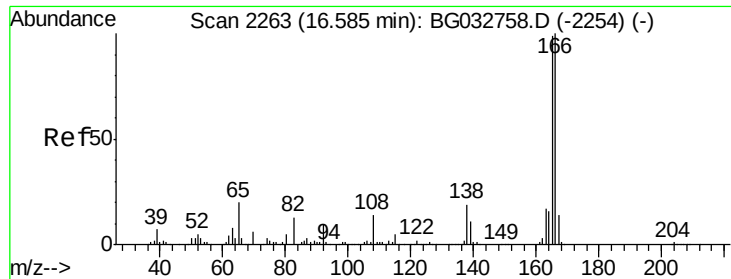
Sohil
3/6/2018 4:26:32 PM



#56
2,4-Dinitrotoluene
Concen: 57.491 ng
RT: 15.85 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	152998		
63	47.4	42.0	63.0	
89	73.4	66.9	100.3	
182	2.7	2.6	3.8	





#57

Fluorene

Concen: 38.308 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

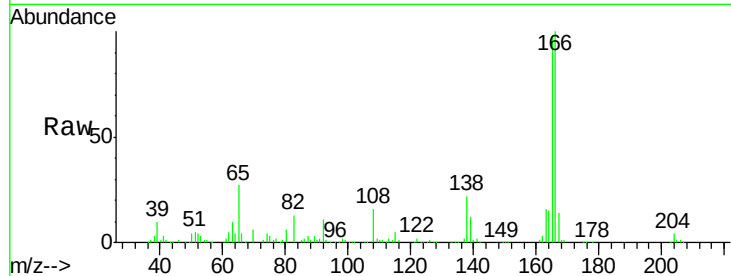
ClientSampleId :

PB107053BS

Tot Ion:	166	Resp:	460205
Ion Ratio		Lower	Upper
166	100		
165	97.9	80.6	121.0
167	14.2	10.4	15.6

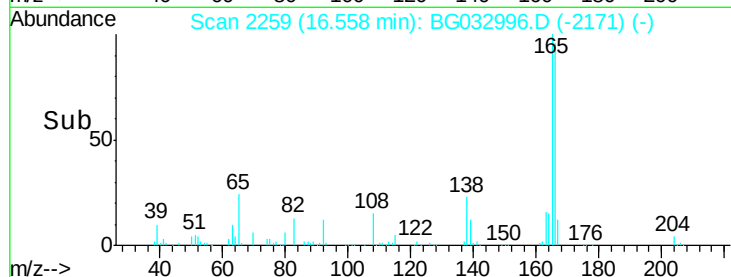
Manual Integrations
APPROVED

Sohil
3/6/2018 4:26:32 PM

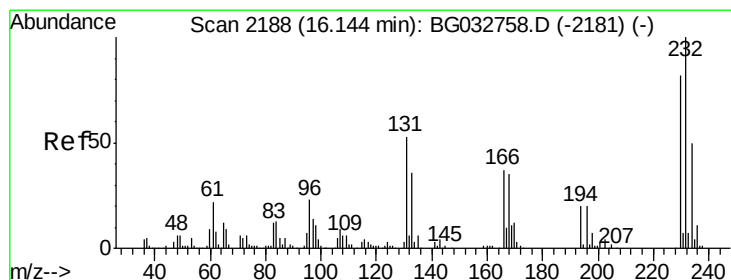


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

16.56



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.507 ng m

RT: 16.13 min Scan# 2186

Delta R.T. -0.01 min

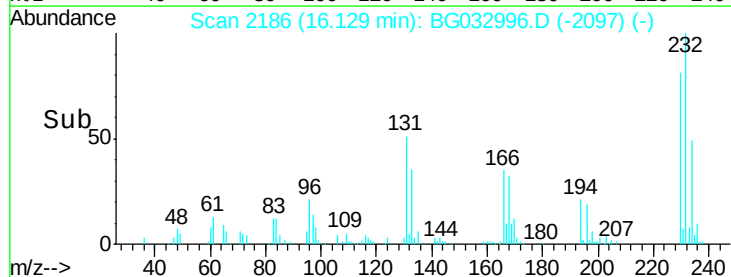
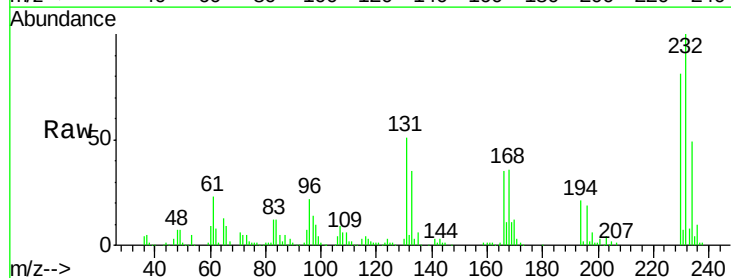
Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

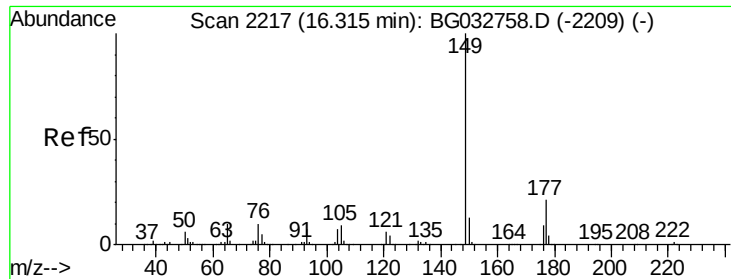
Tgt Ion:	232	Resp:	120157
Ion Ratio		Lower	Upper
232	100		
131	46.2	33.5	50.3
130	3.0	2.2	3.2
166	27.8	24.8	37.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

16.13



Time-->



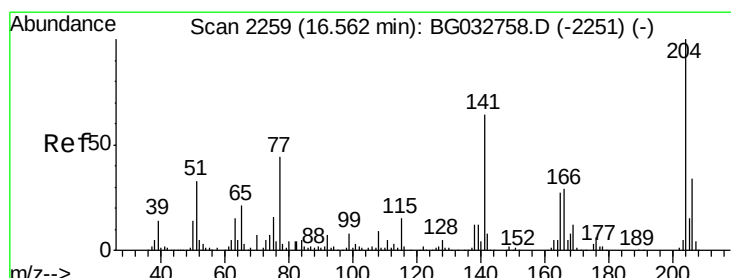
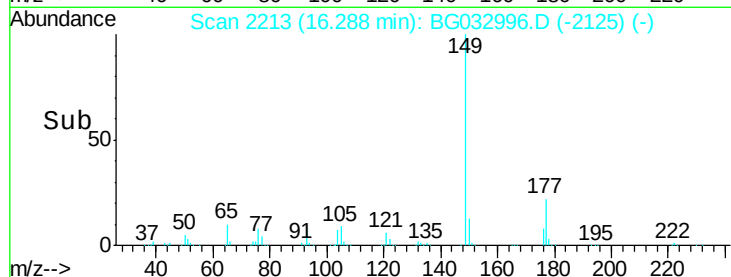
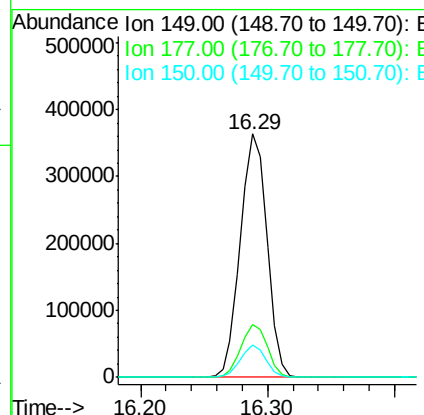
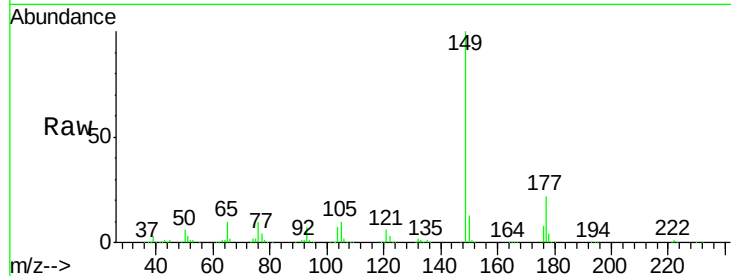
#59
Diethylphthalate
Concen: 38.397 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampled :
PB107053BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	528132		
177	21.8	18.5	27.7	
150	13.2	10.2	15.2	

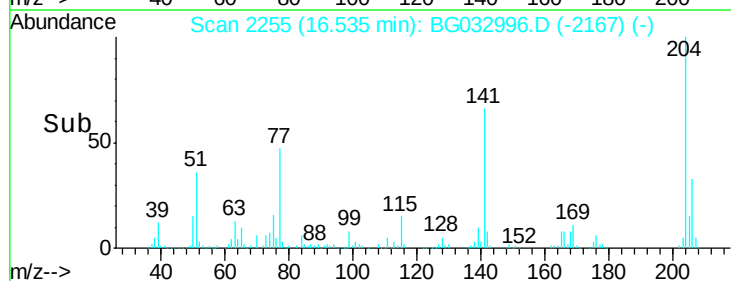
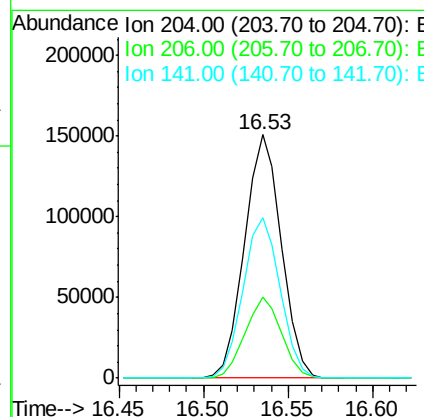
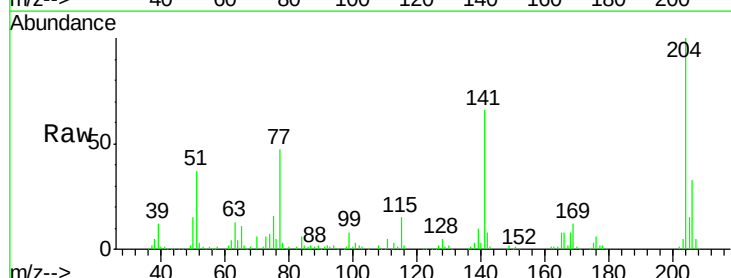
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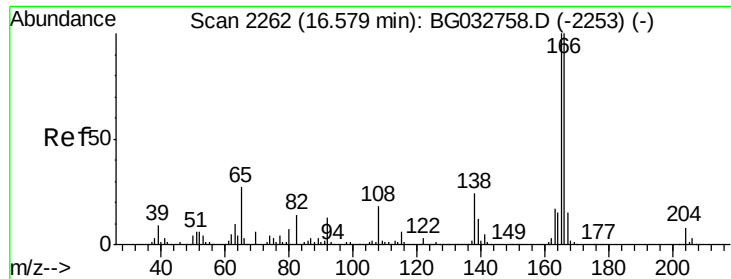
Sohil
3/6/2018 4:26:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.809 ng
RT: 16.53 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	228073		
206	33.4	26.2	39.2	
141	66.1	45.8	68.6	





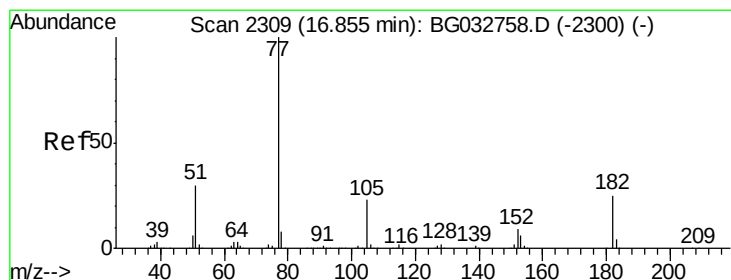
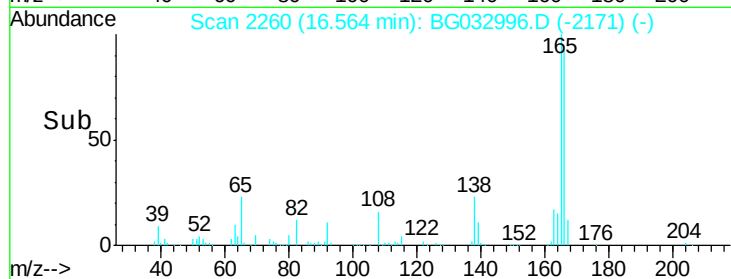
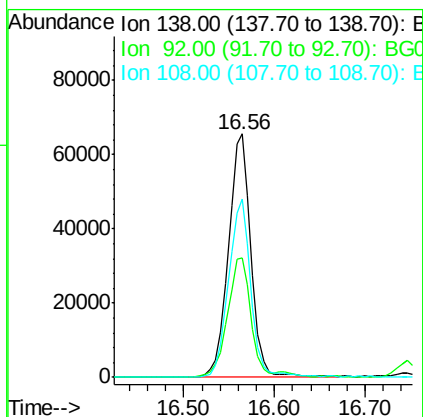
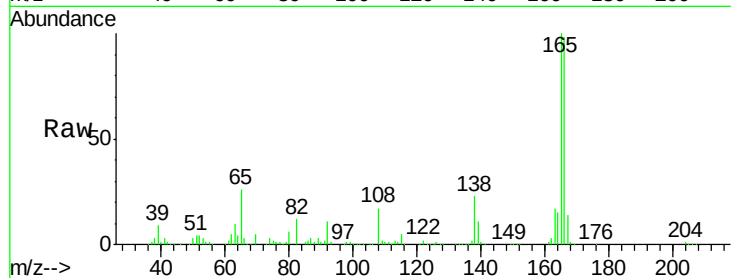
#61
4-Nitroaniline
Concen: 40.962 ng
RT: 16.56 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	40.1	80.1
108	73.3	65.4	105.4

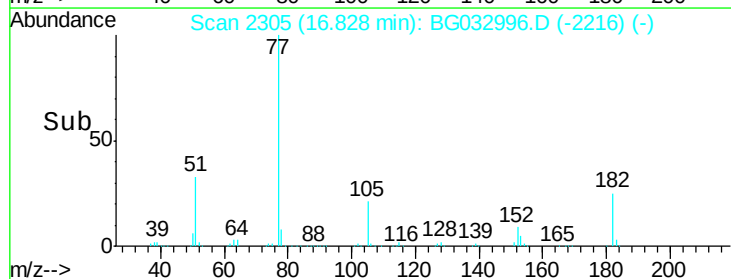
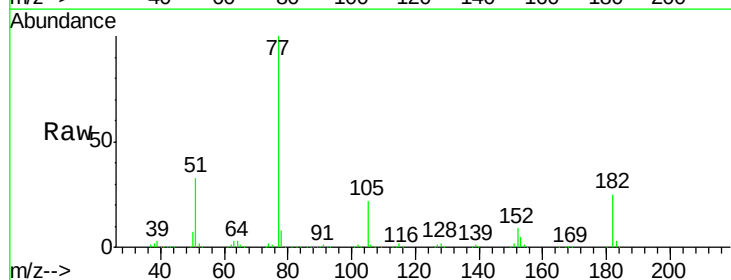
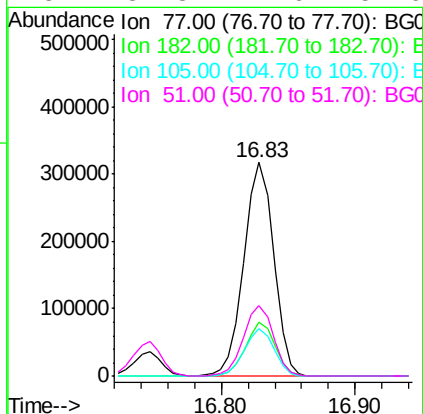
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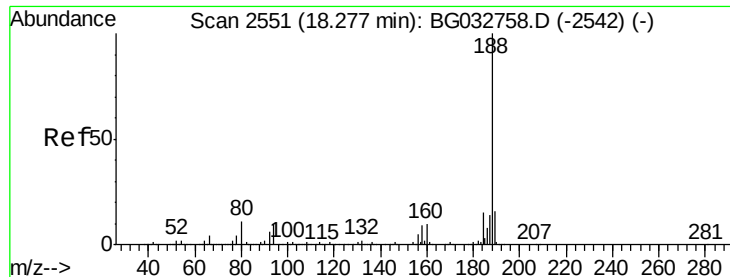
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3/6/2018 4:26:32 PM



#62
Azobenzene
Concen: 39.700 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	7.4	47.4
105	22.4	0.3	40.3
51	32.8	11.6	51.6





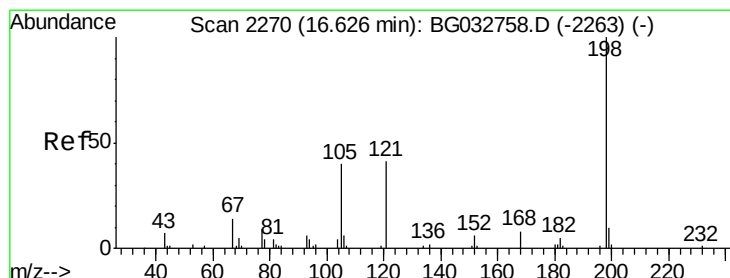
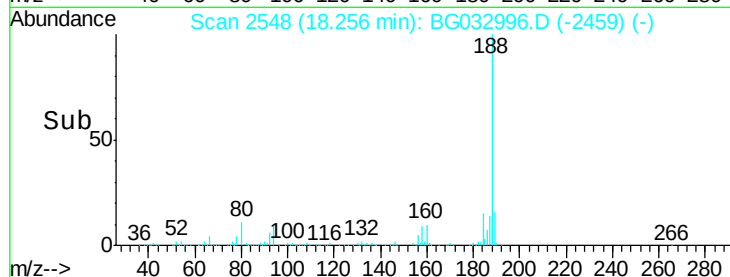
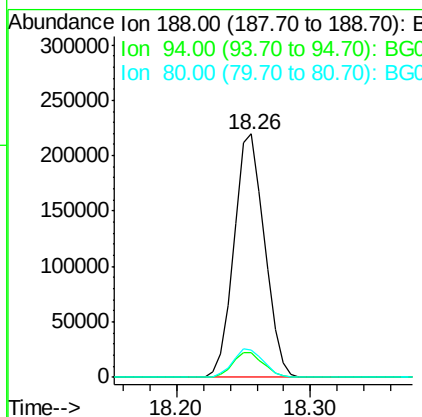
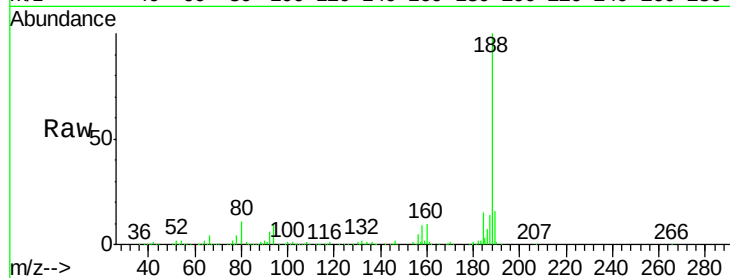
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	6.9	10.3
80	11.3	7.7	11.5

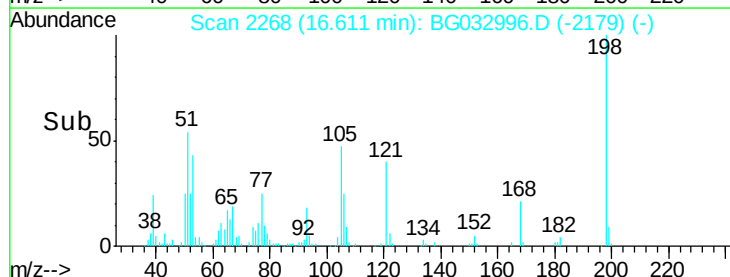
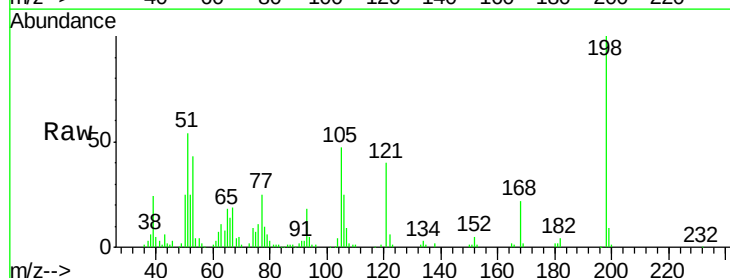
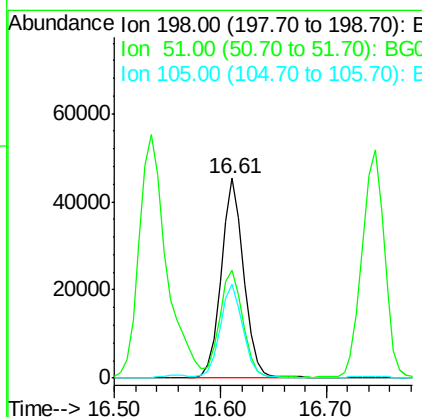
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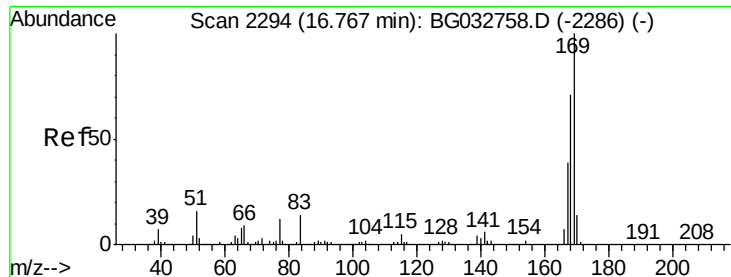
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#64
4,6-Dinitro-2-methylphenol
Concen: 60.178 ng
RT: 16.61 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	53.8	30.6	70.6
105	46.8	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 37.853 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

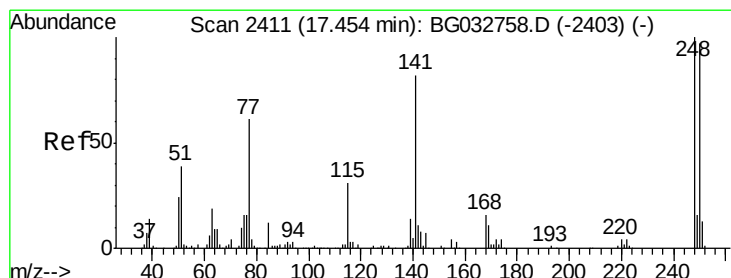
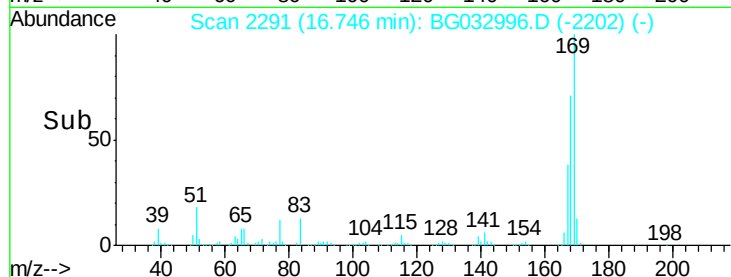
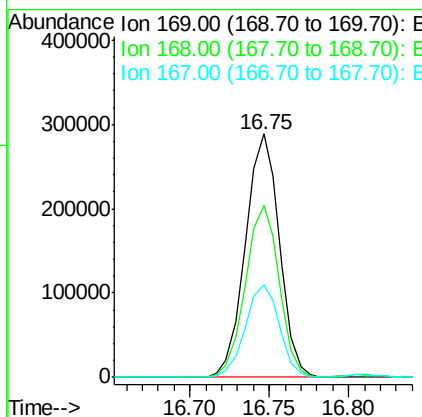
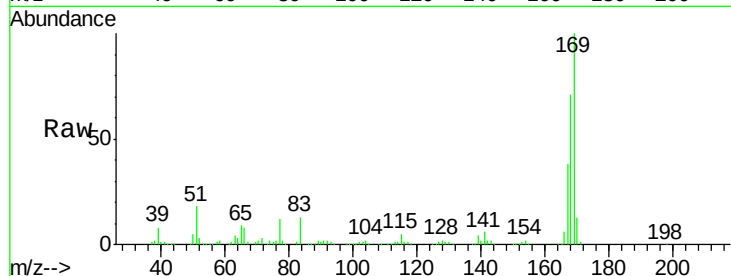
ClientSampleId :

PB107053BS

Tot Ion:	169	Resp:	429113
Ion Ratio	Lower	Upper	
169	100		
168	70.6	55.7	83.5
167	38.3	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 37.172 ng

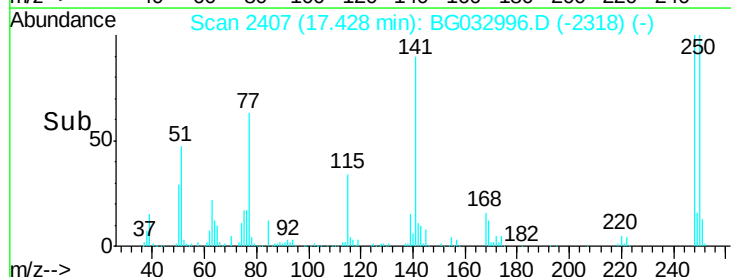
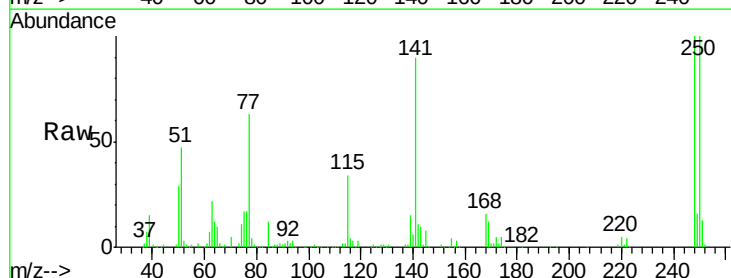
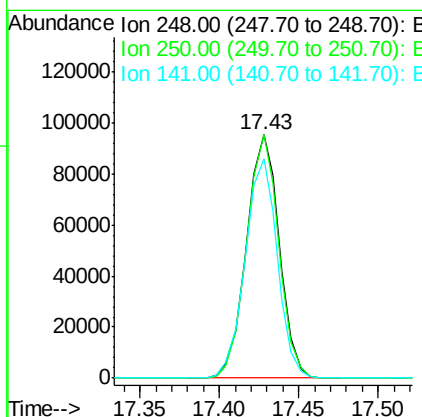
RT: 17.43 min Scan# 2407

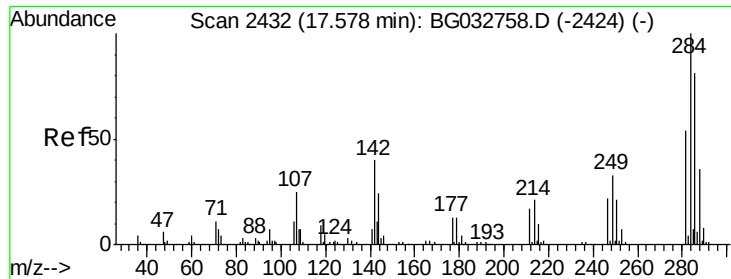
Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Tgt Ion:	248	Resp:	136971
Ion Ratio	Lower	Upper	
248	100		
250	100.1	77.1	115.7
141	89.9	50.8	76.2#





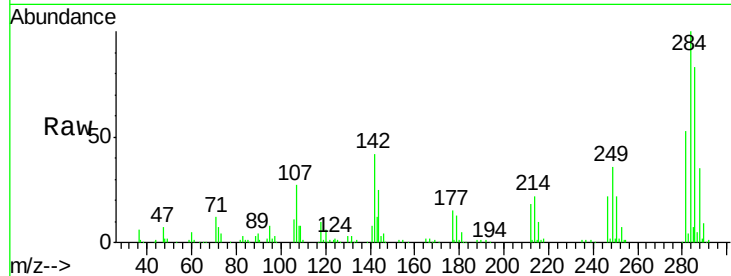
#67
Hexachlorobenzene
Concen: 35.529 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

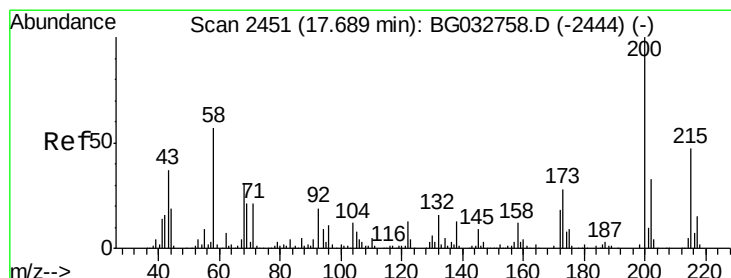
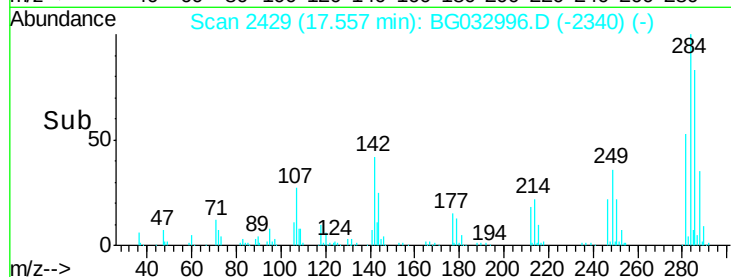
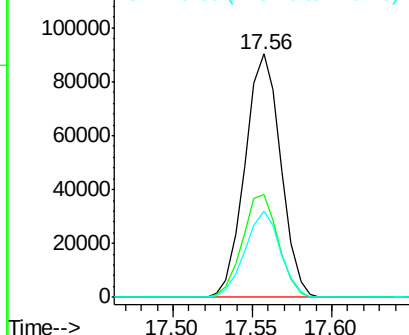
Tot Ion	Ratio	Resp	Lower	Upper
284	100	141474		
142	42.2	26.8	40.2	#
249	35.6	26.3	39.5	

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3/6/2018 4:26:32 PM

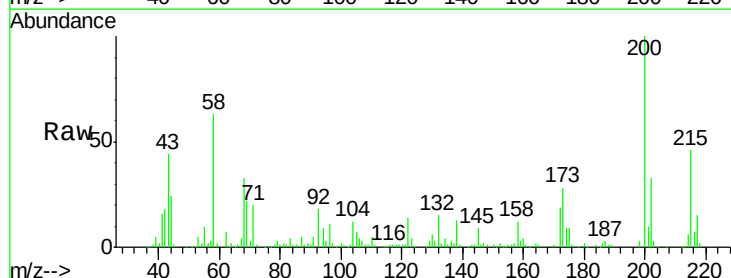


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

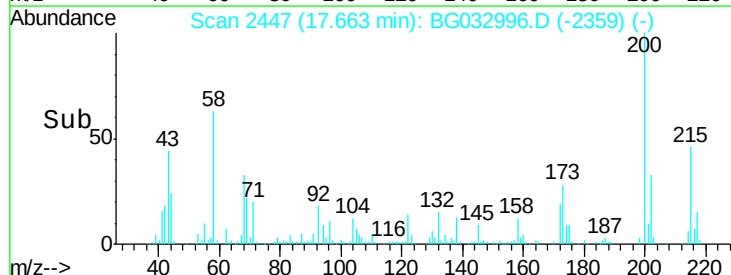
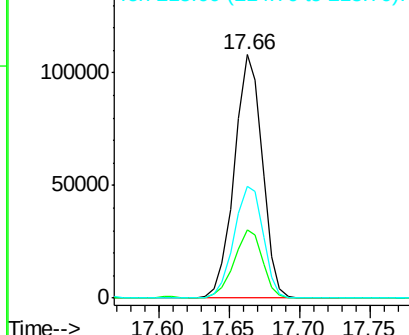


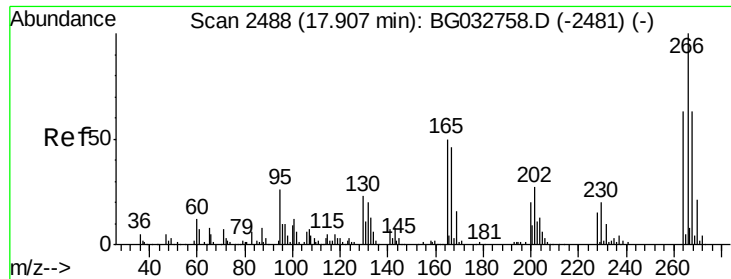
#68
Atrazine
Concen: 40.050 ng
RT: 17.66 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	149448		
173	27.9	5.2	45.2	
215	46.1	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





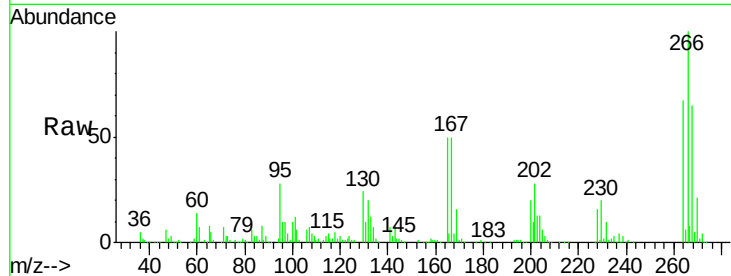
#69
 Pentachlorophenol
 Concen: 75.114 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB107053BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.1	76.7
264	67.1	49.6	74.4

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 3/6/2018 4:26:32 PM

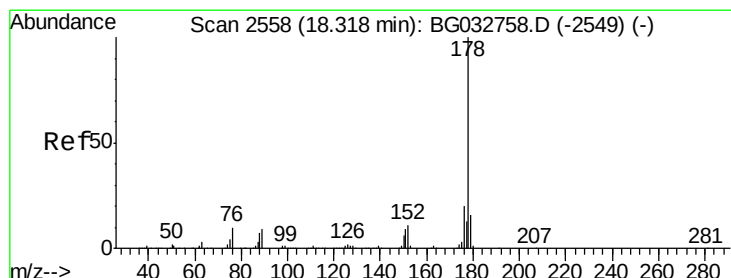
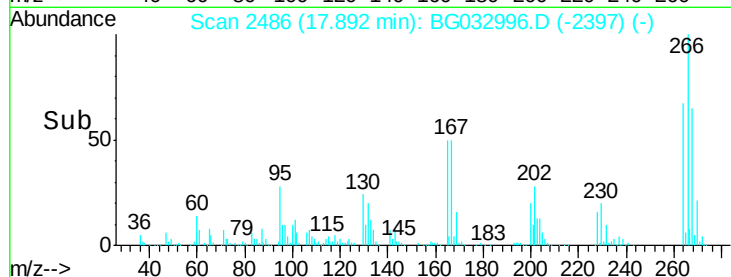
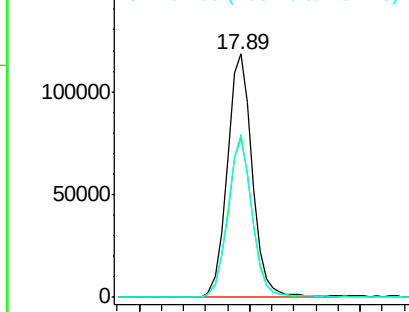


Abundance

Ion 265.70 (265.40 to 266.40): E

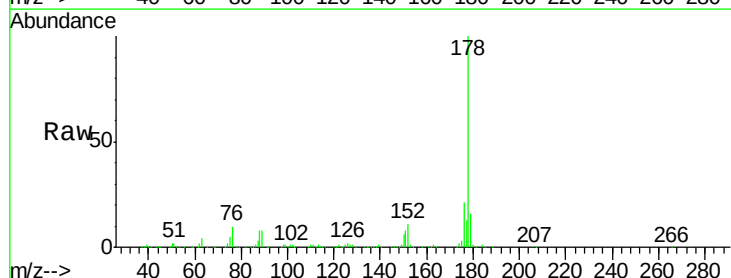
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 38.325 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	16.2	12.5	18.7

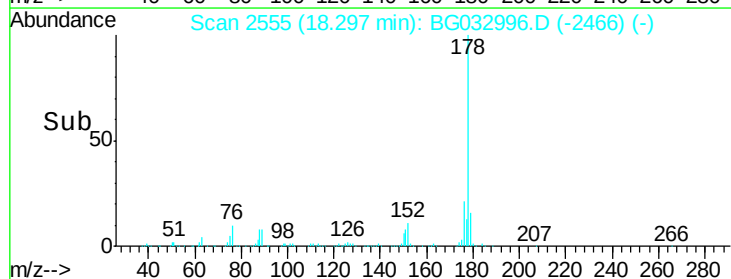
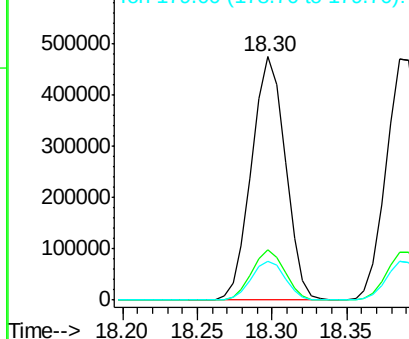


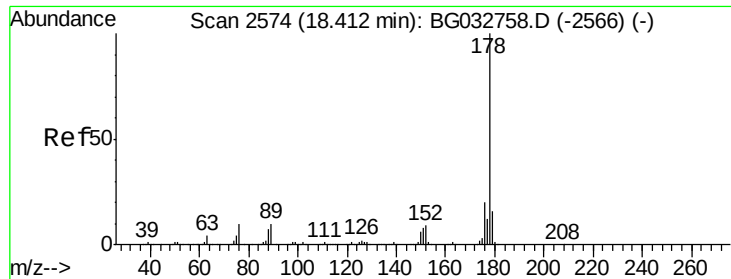
Abundance

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





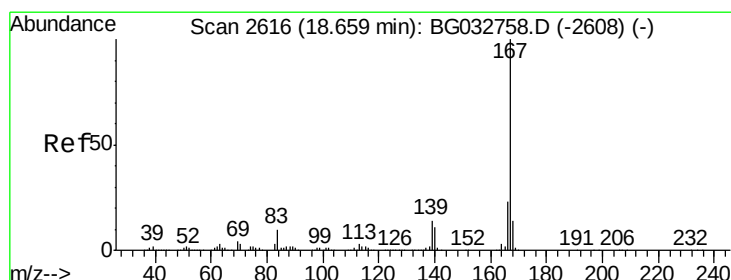
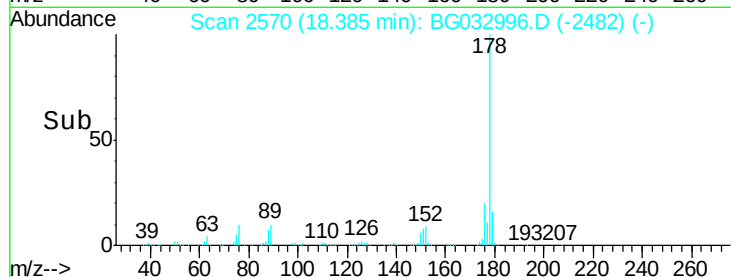
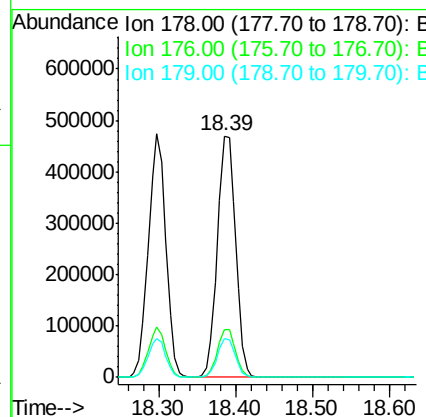
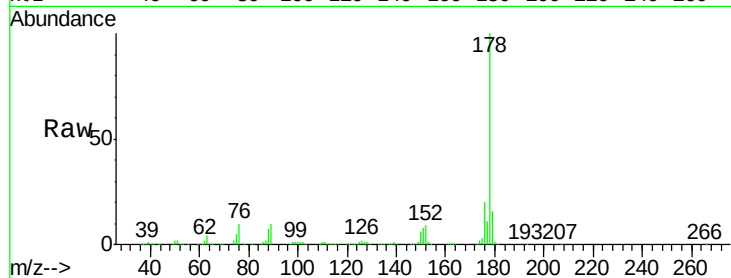
#71
 Anthracene
 Concen: 39.140 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB107053BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.8	12.5	18.7

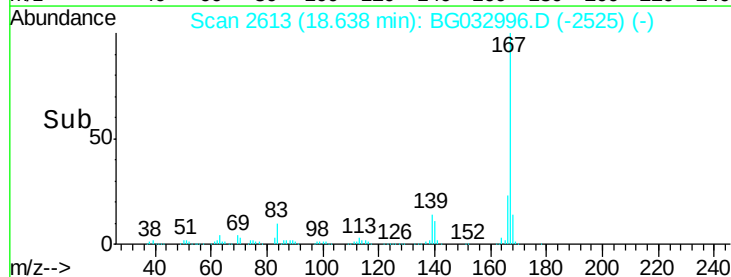
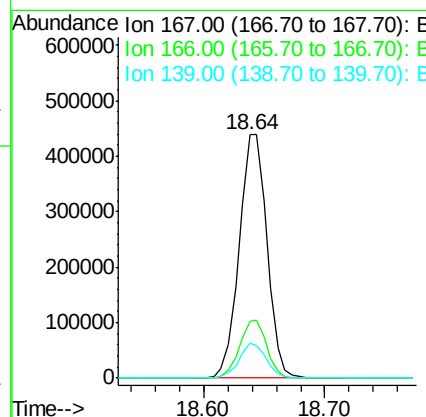
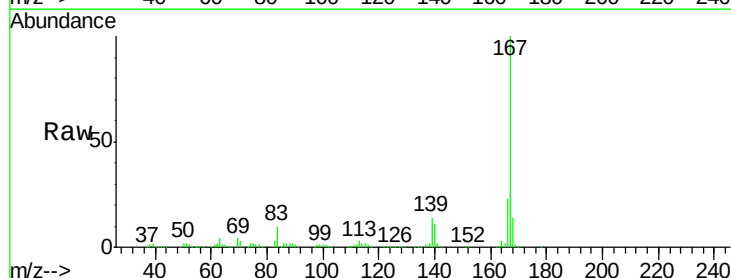
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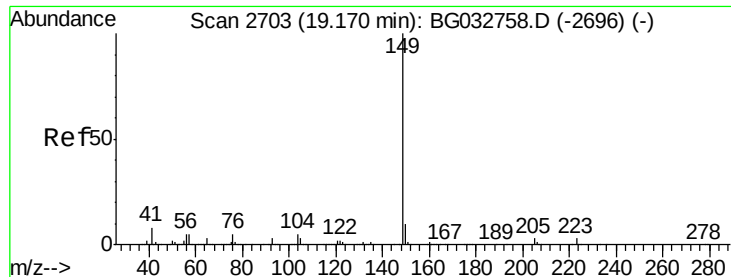
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#72
 Carbazole
 Concen: 36.643 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	14.3	9.4	14.2#





#73

Di-n-butylphthalate

Concen: 38.473 ng

RT: 19.14 min Scan# 2699

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

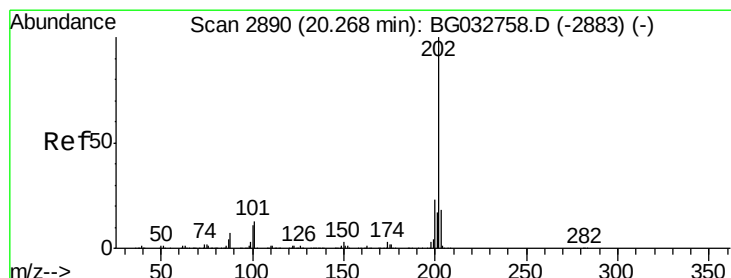
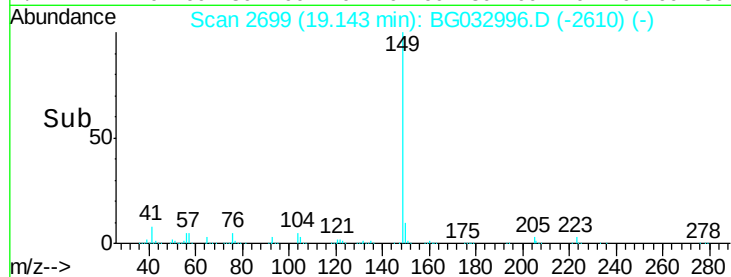
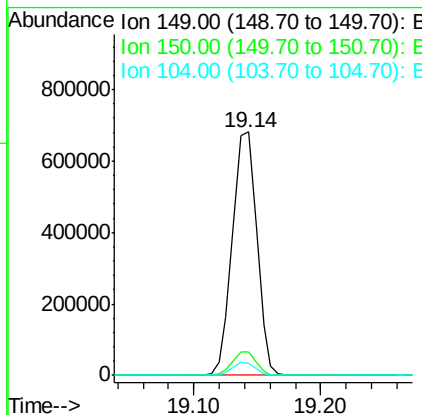
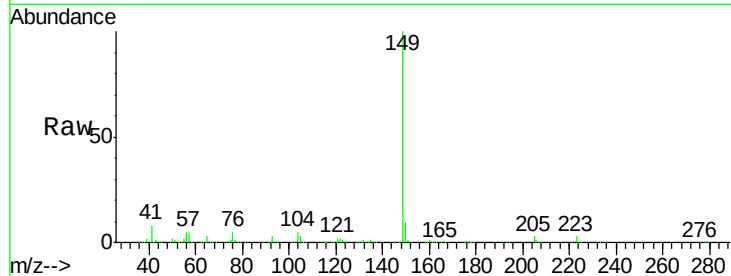
ClientSampleId :

PB107053BS

Tot Ion:	149	Resp:	908037
Ion Ratio		Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.0	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 38.487 ng

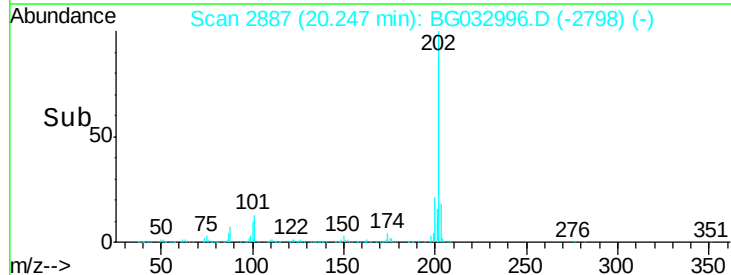
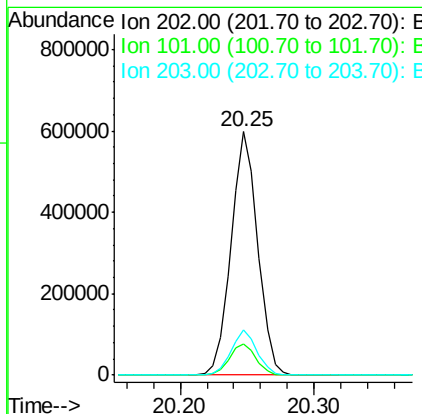
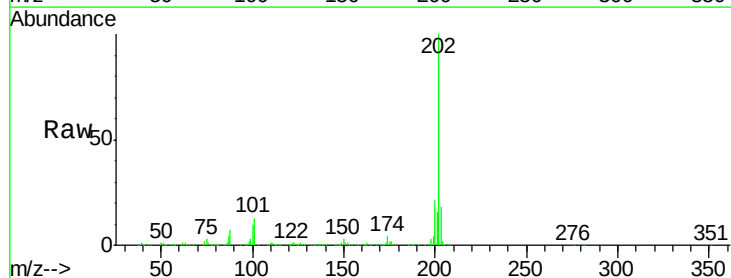
RT: 20.25 min Scan# 2887

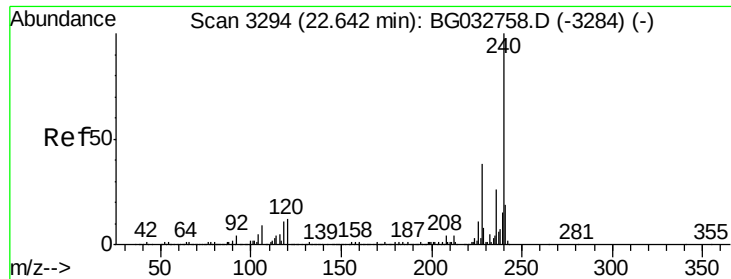
Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Tgt Ion:	202	Resp:	826537
Ion Ratio		Lower	Upper
202	100		
101	12.7	0.0	28.9
203	18.4	0.0	37.5





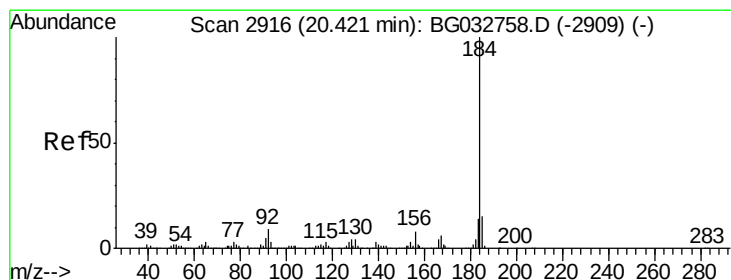
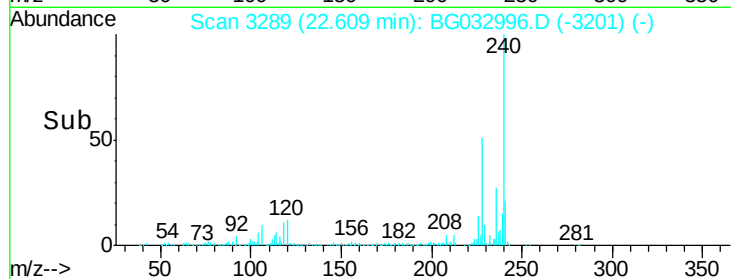
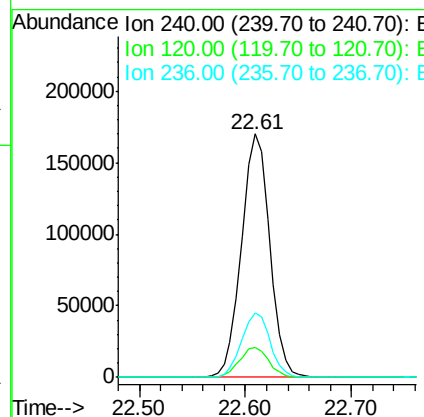
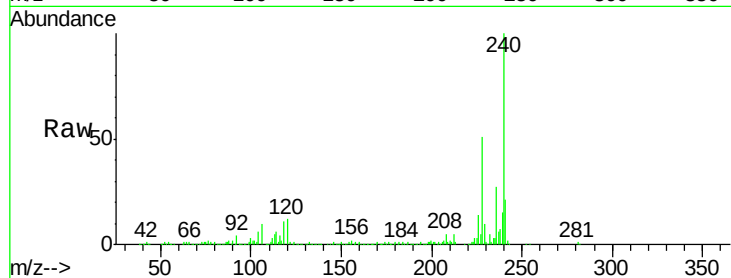
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.8	10.2#
236	26.6	20.9	31.3

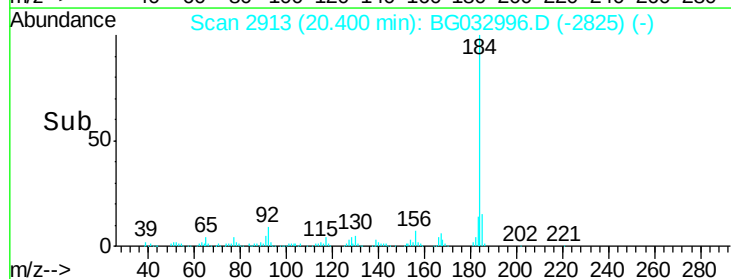
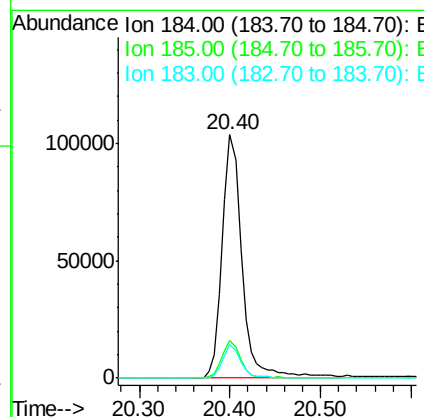
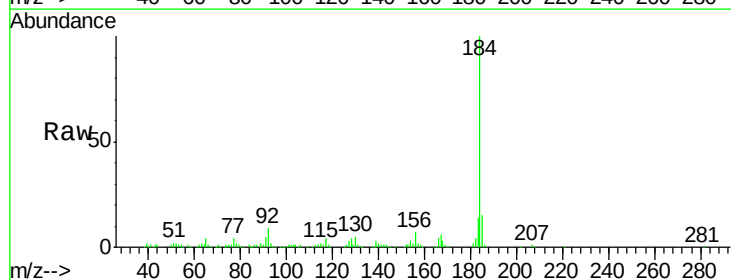
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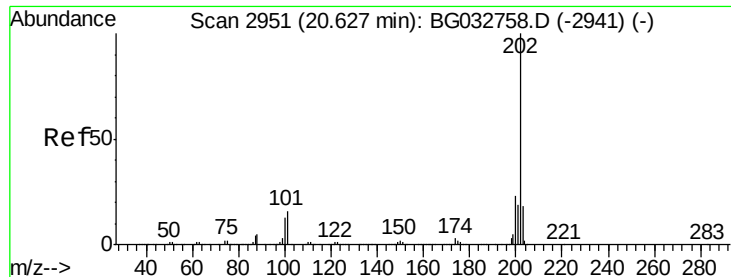
Sohil
3/6/2018 4:26:32 PM



#76
Benzidine
Concen: 14.718 ng
RT: 20.40 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.1	16.7
183	13.7	10.6	16.0





#77

Pvrene

Concen: 37.496 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

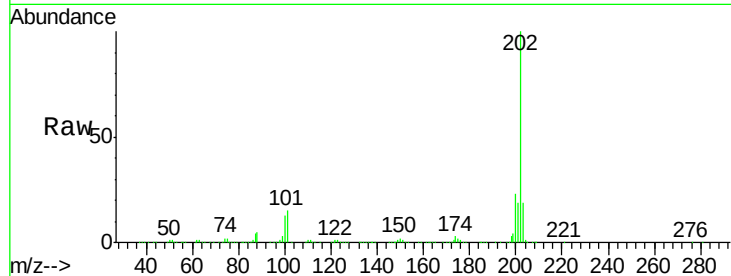
ClientSampleId :

PB107053BS

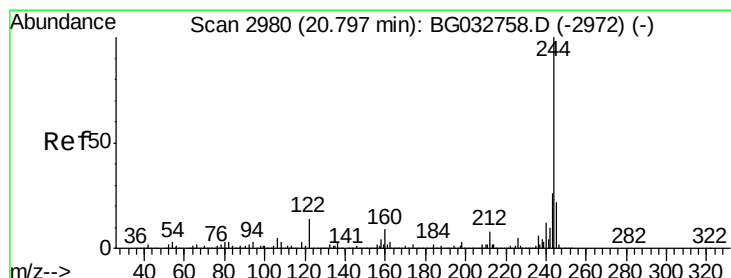
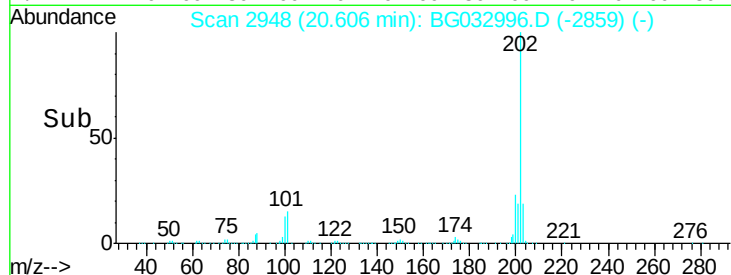
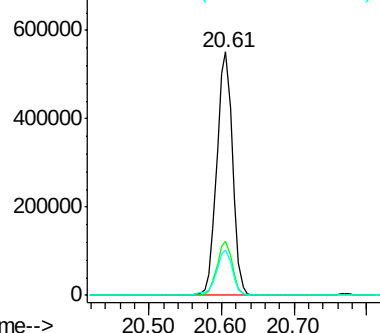
Tot Ion:	202	Resp:	833373
Ion Ratio		Lower	Upper
202	100		
200	22.5	16.9	25.3
203	18.8	13.9	20.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.273 ng

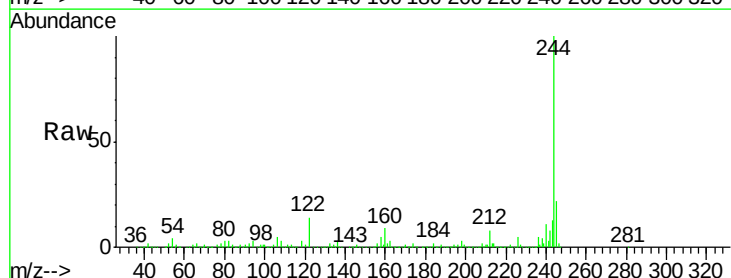
RT: 20.77 min Scan# 2976

Delta R.T. -0.01 min

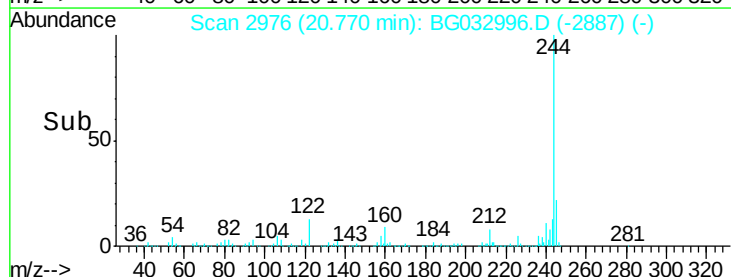
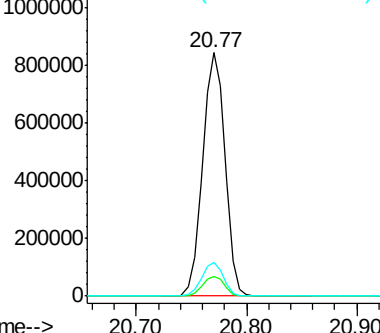
Lab File: BG032996.D

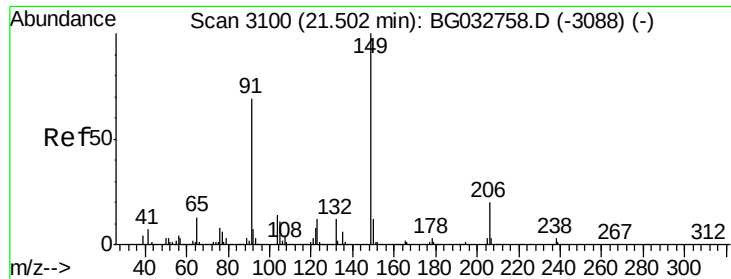
Acq: 5 Mar 2018 19:06

Tgt Ion:	244	Resp:	1196187
Ion Ratio		Lower	Upper
244	100		
212	8.3	5.8	8.8
122	13.6	7.0	10.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





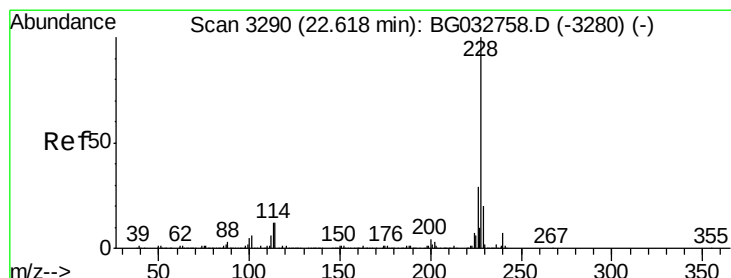
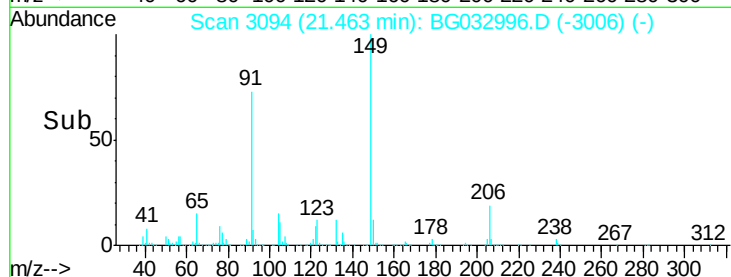
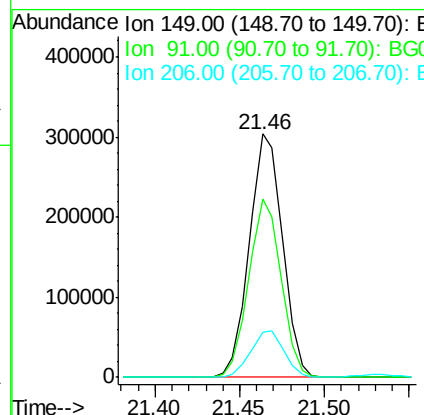
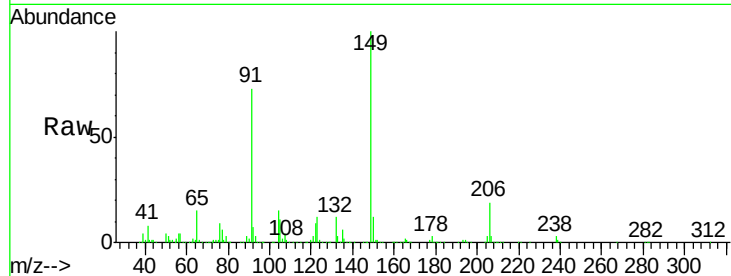
#79
Butylbenzylphthalate
Concen: 42.314 ng
RT: 21.46 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.1	62.2	93.2
206	18.8	18.6	27.8

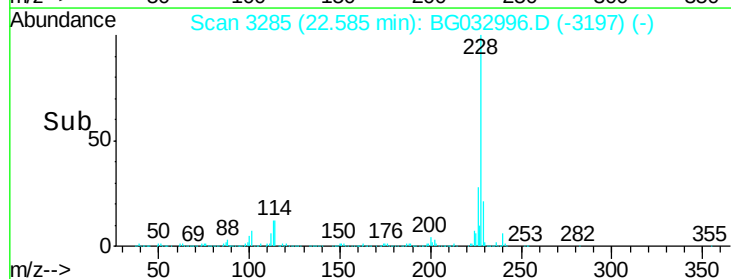
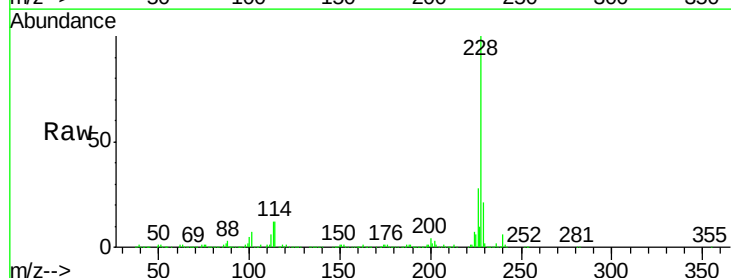
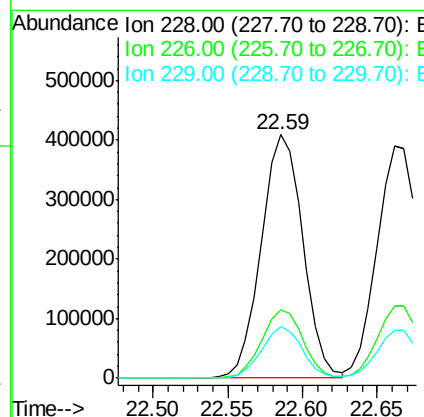
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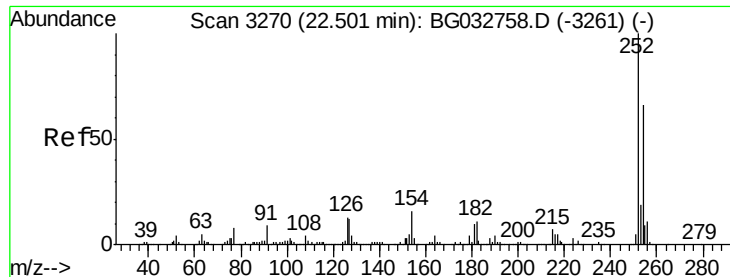
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#80
Benzo(a)anthracene
Concen: 39.162 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	21.1	16.2	24.2





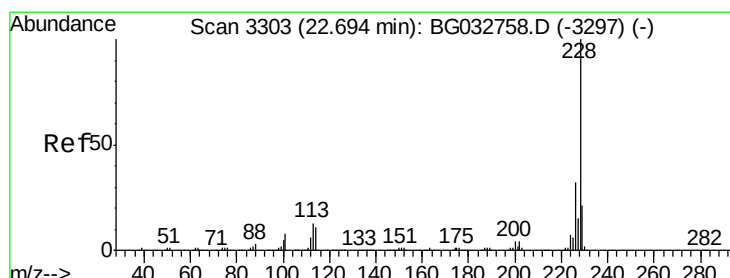
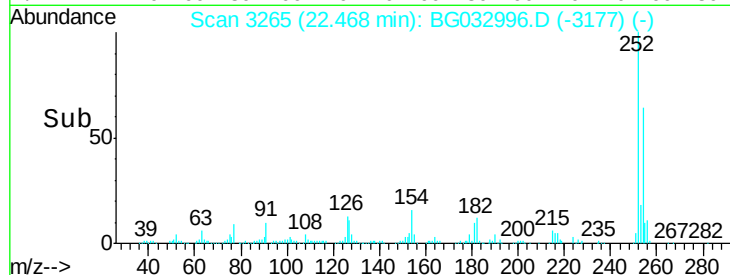
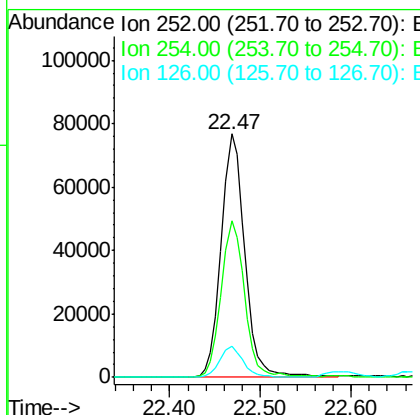
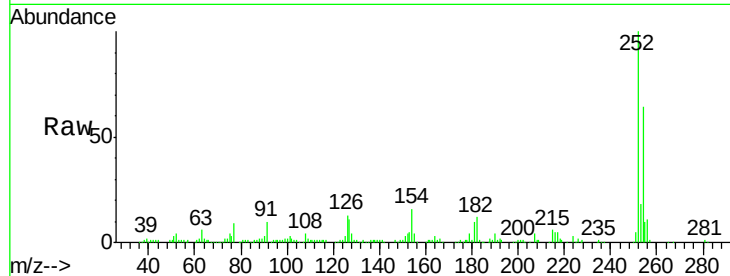
#81
 3,3'-Dichlorobenzidine
 Concen: 18.624 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleID :
 PB107053BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	12.8	7.4	11.2

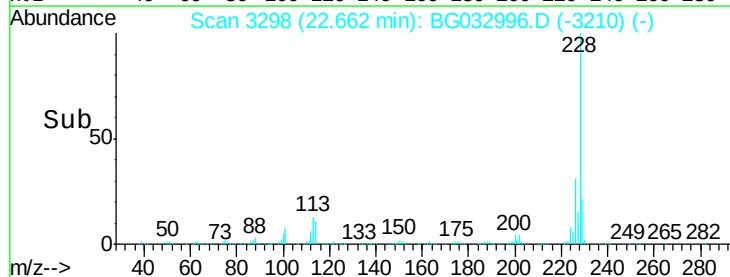
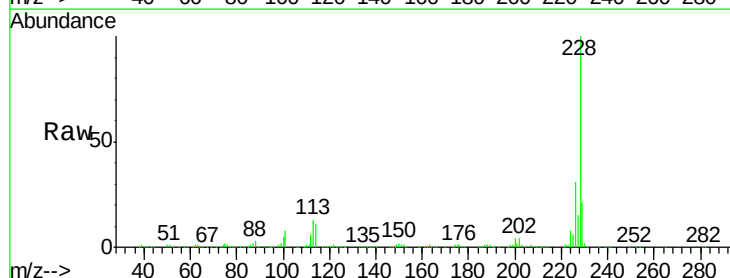
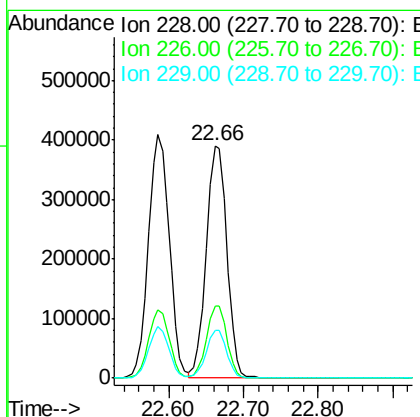
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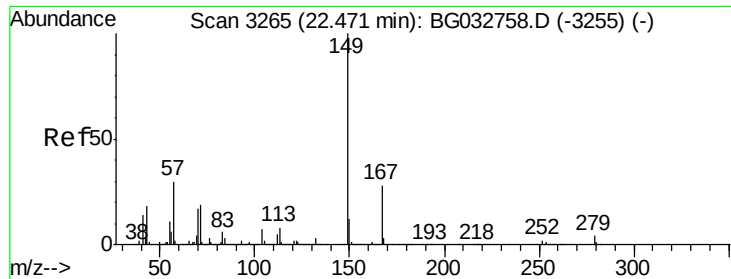
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#82
 Chrysene
 Concen: 38.687 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.8	15.0	22.4





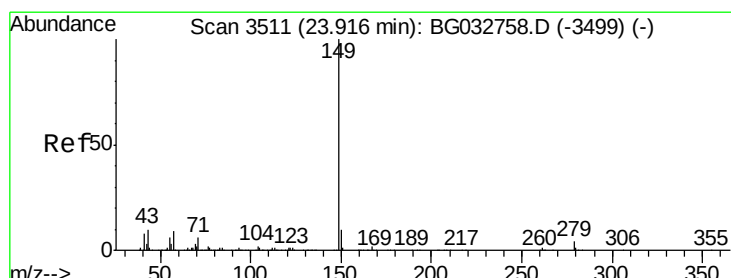
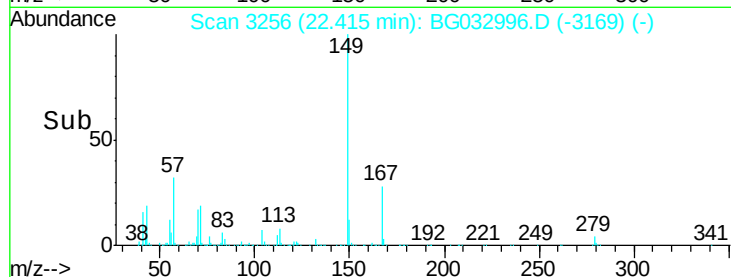
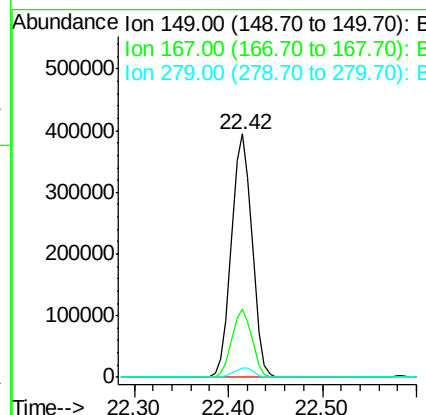
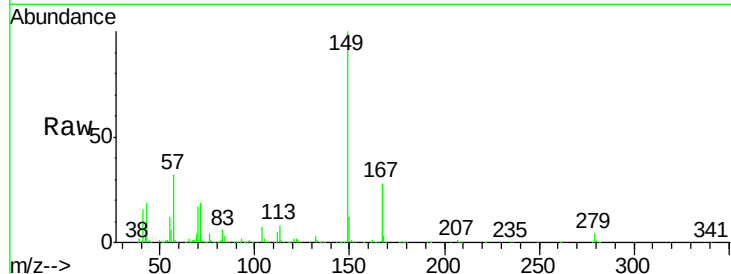
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.219 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.02 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleID :
 PB107053BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.3	36.5
279	4.1	4.0	6.0

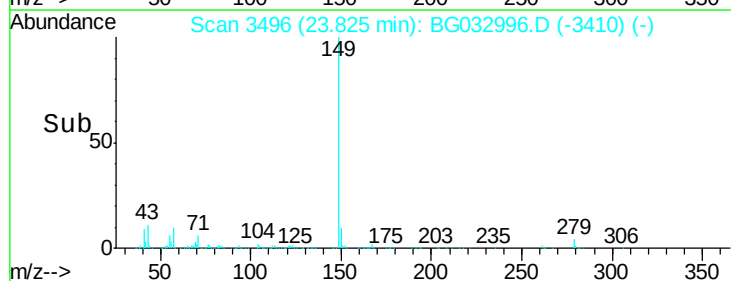
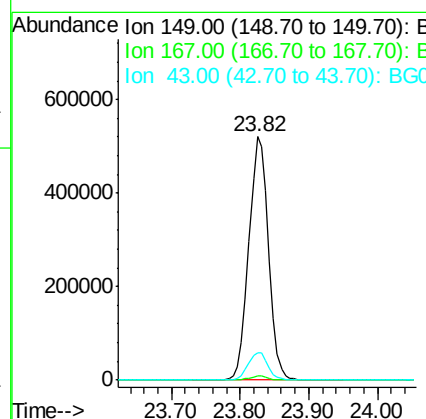
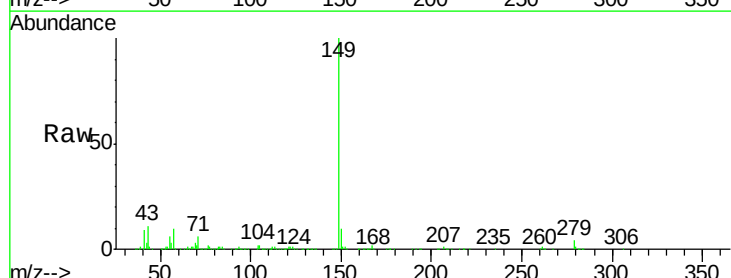
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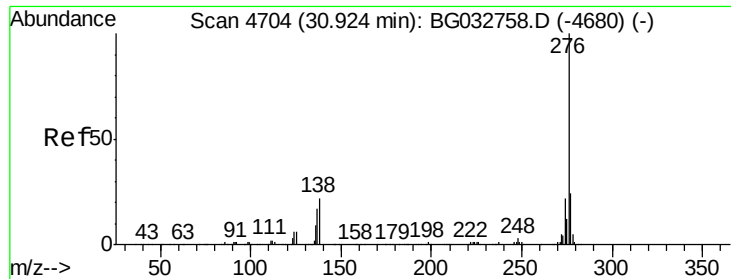
Sohil
 3/6/2018 4:26:32 PM



#84
 Di-n-octyl phthalate
 Concen: 46.516 ng
 RT: 23.82 min Scan# 3496
 Delta R.T. -0.02 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	11.3	8.9	13.3





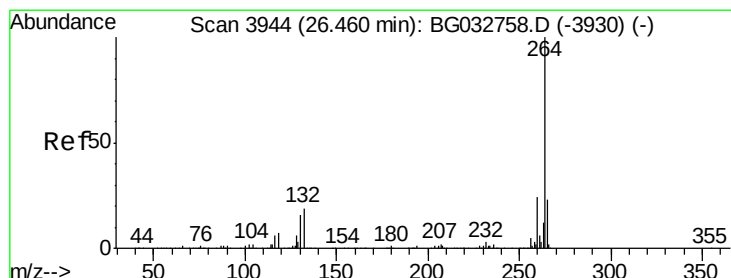
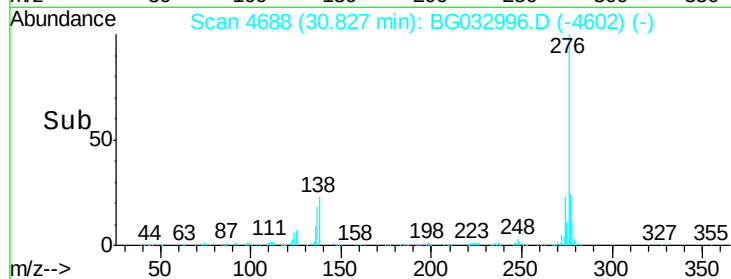
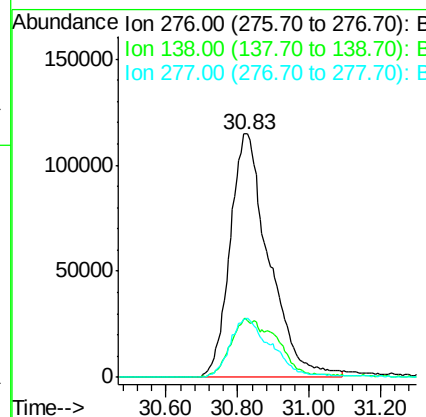
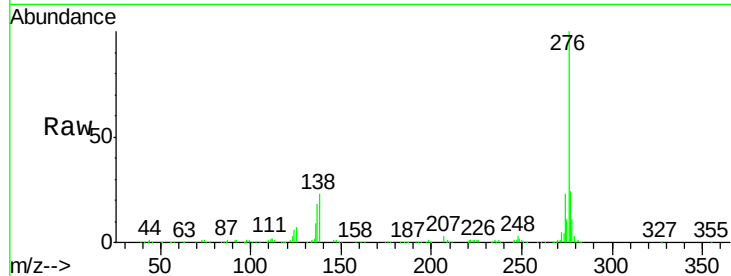
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.484 ng
 RT: 30.83 min Scan# 4688
 Delta R.T. -0.02 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB107053BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.9	16.0	24.0#
277	25.3	20.0	30.0

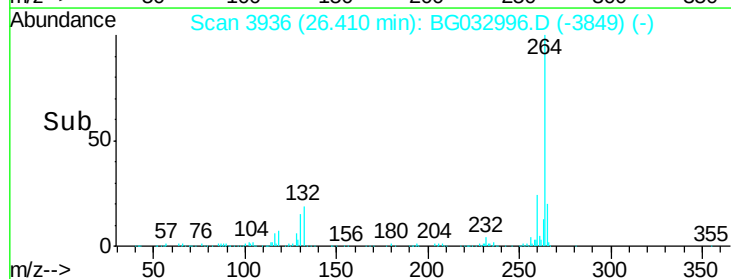
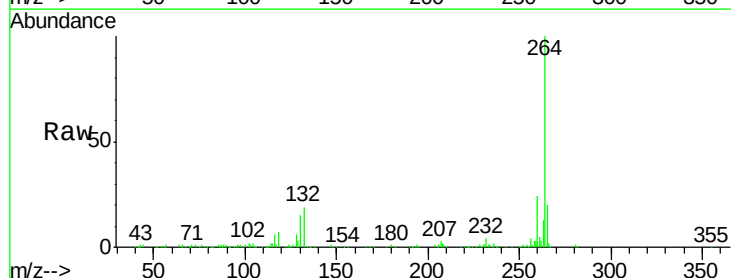
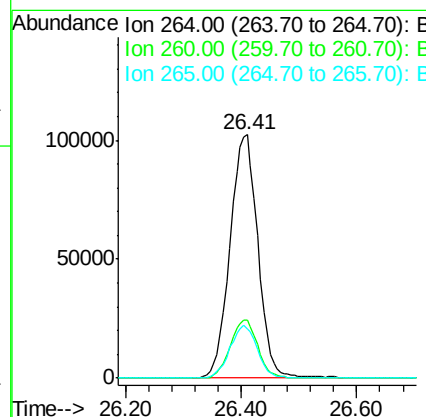
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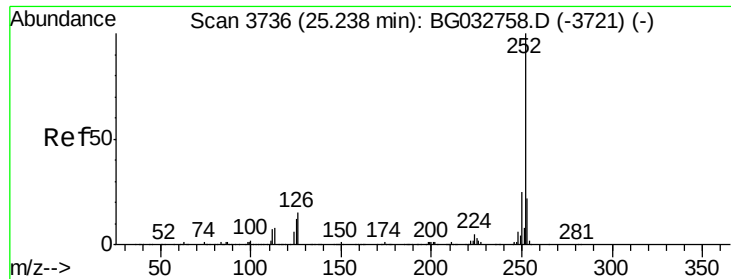
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. -0.02 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.2	17.7	26.5





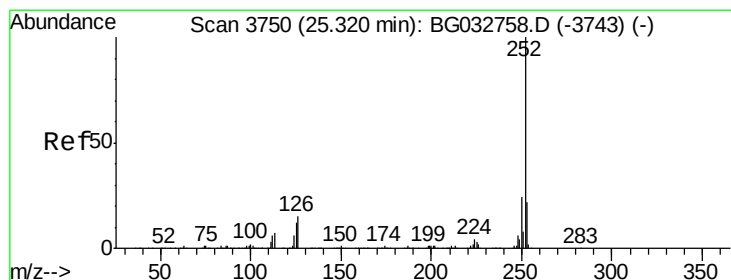
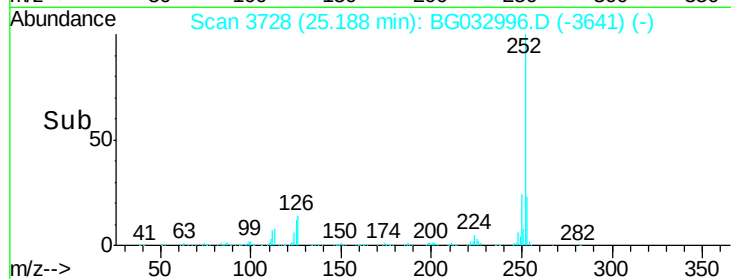
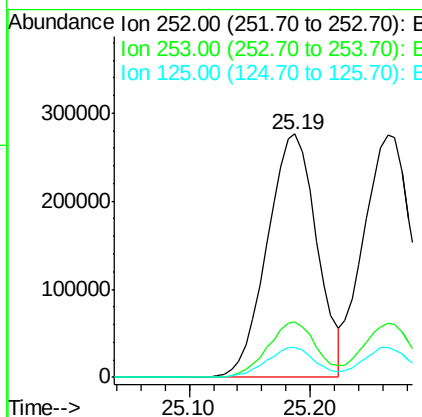
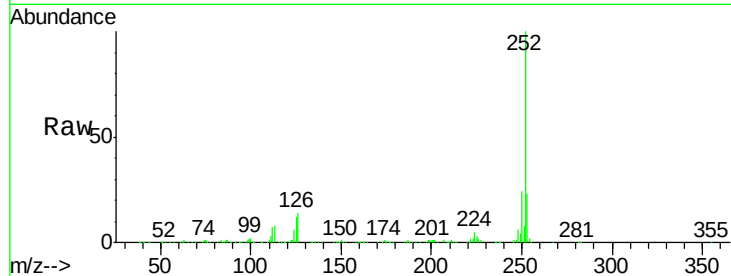
#87
Benzo(b)fluoranthene
Concen: 38.881 ng
RT: 25.19 min Scan# 3728
Delta R.T. -0.02 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	12.3	7.2	10.8

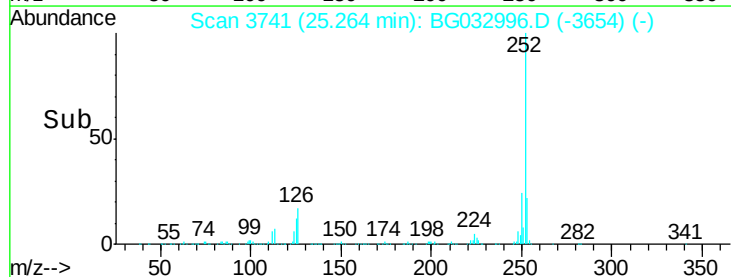
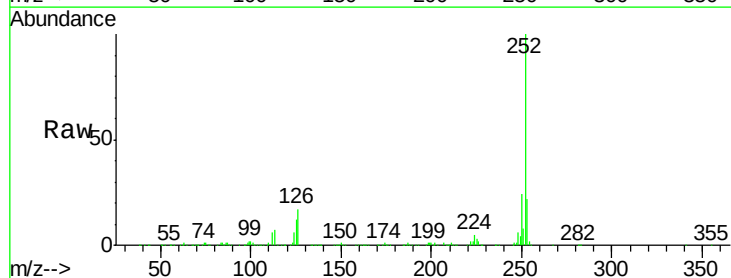
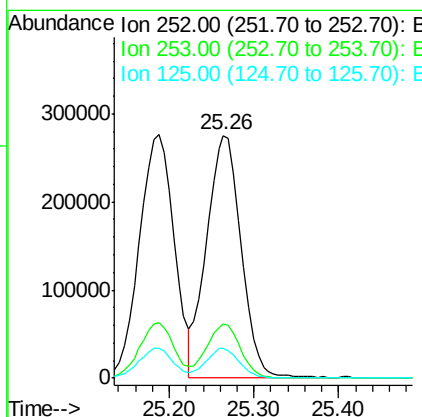
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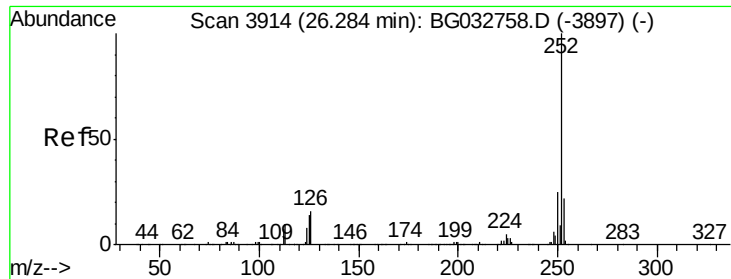
Sohil
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#88
Benzo(k)fluoranthene
Concen: 38.742 ng
RT: 25.26 min Scan# 3741
Delta R.T. -0.02 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	12.2	6.6	9.8





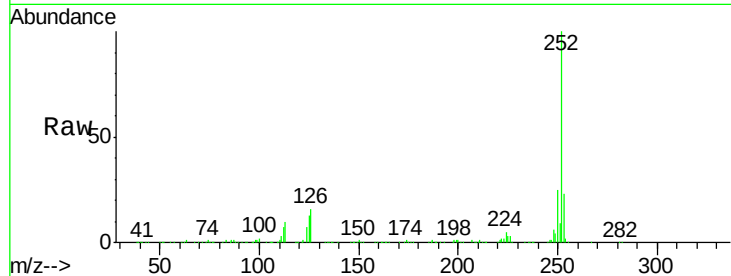
#89
Benzo(a)pyrene
Concen: 39.701 ng
RT: 26.23 min Scan# 3905
Delta R.T. -0.02 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	13.3	7.3	10.9#

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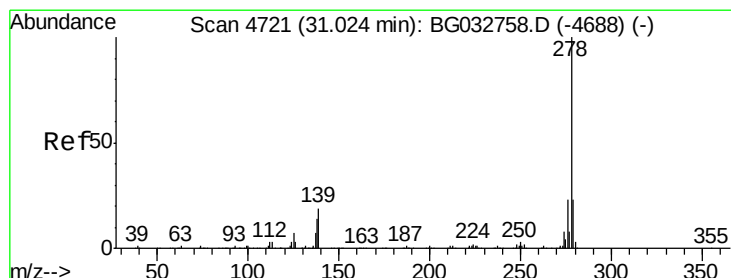
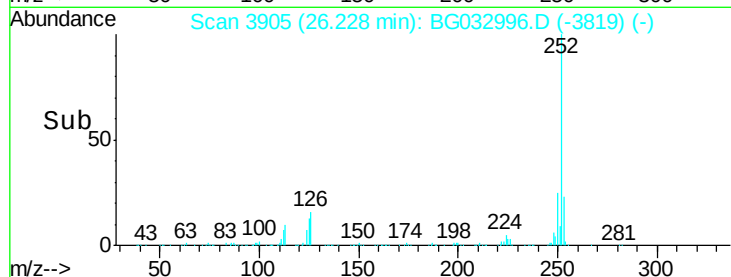
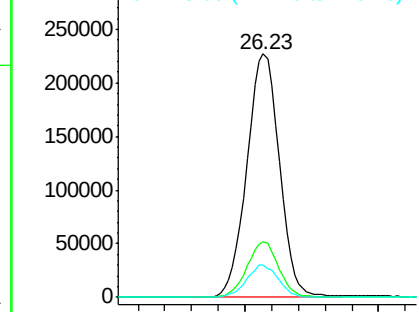


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 37.312 ng
RT: 30.90 min Scan# 4701
Delta R.T. -0.03 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

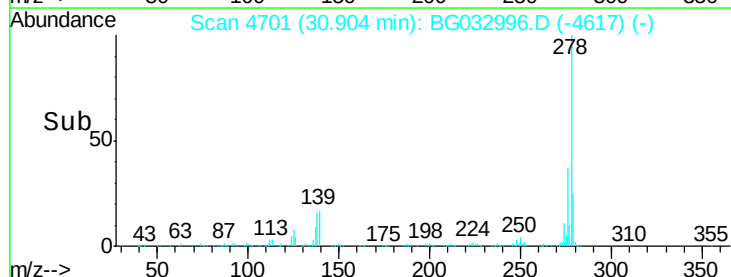
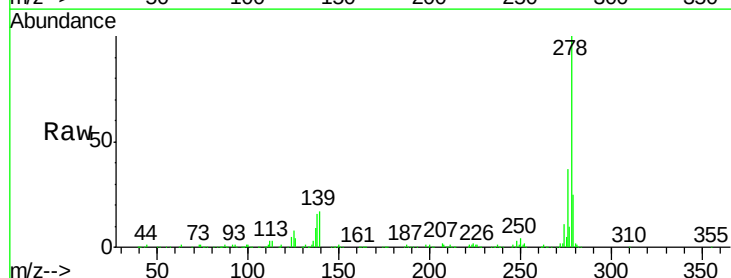
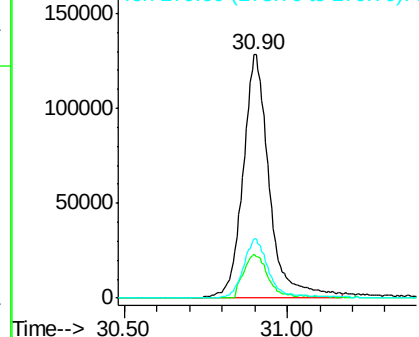
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	9.8	14.6#
279	24.5	18.4	27.6

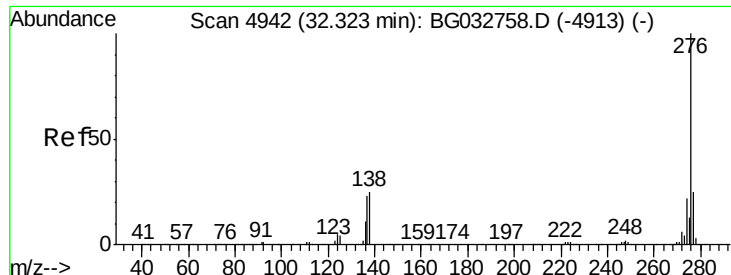
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.017 ng
 RT: 32.21 min Scan# 4924
 Delta R.T. -0.03 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :
 PB107053BS

Tot Ion:	276	Resp:	725261
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.3	27.5
138	24.5	13.9	20.9

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