

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036168.D
 Acq On : 7 Aug 2018 19:03
 Operator : JU/SJ
 Sample : PB111837BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111837BS

Manual Integrations
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Sohil
 8/8/2018 5:34:34 PM

Quant Time: Aug 08 01:57:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	24105	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	93003	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68165	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	194589	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	222475	20.00	ng	-0.02
86) Perylene-d12	24.82	264	214076	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	200598	138.16	ng	0.00
7) Phenol-d6	7.18	99	282872	130.58	ng	-0.01
23) Nitrobenzene-d5	9.17	82	184827	83.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	145862	162.35	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	433823	85.27	ng	-0.02
78) Terphenyl-d14	19.98	244	970120	96.12	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	27173	36.771	ng	# 75
3) Pyridine	3.90	79	73392	38.044	ng	# 70
4) n-Nitrosodimethylamine	3.82	42	31954	38.576	ng	# 94
6) Aniline	7.34	93	86560	30.829	ng	93
8) 2-Chlorophenol	7.58	128	66879	45.291	ng	91
9) Benzaldehyde	7.15	77	37974	28.570	ng	93
10) Phenol	7.21	94	94415	43.141	ng	92
11) bis(2-Chloroethyl)ether	7.43	93	65784	38.382	ng	89
12) 1,3-Dichlorobenzene	7.89	146	77771	43.613	ng	97
13) 1,4-Dichlorobenzene	8.04	146	79828	44.059	ng	94
14) 1,2-Dichlorobenzene	8.36	146	74963	43.068	ng	99
15) Benzyl Alcohol	8.25	79	73244	37.234	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.53	45	71713	49.907	ng	78
17) 2-Methylphenol	8.46	107	61801	41.533	ng	# 89
18) Hexachloroethane	9.09	117	29758	42.956	ng	88
19) n-Nitroso-di-n-propylamine	8.81	70	61401	33.660	ng	# 83
20) 3+4-Methylphenols	8.79	107	82862	40.142	ng	85
22) Acetophenone	8.83	105	112892	39.034	ng	# 91
24) Nitrobenzene	9.22	77	93040	41.555	ng	# 90
25) Isophorone	9.73	82	167502	40.530	ng	# 98
26) 2-Nitrophenol	9.92	139	37632	47.325	ng	# 88
27) 2,4-Dimethylphenol	9.99	122	67459	50.118	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	89024	39.093	ng	98
29) 2,4-Dichlorophenol	10.47	162	72251	47.024	ng	94
30) 1,2,4-Trichlorobenzene	10.67	180	85397	45.326	ng	96
31) Naphthalene	10.86	128	204180	42.146	ng	97
32) Benzoic acid	10.15	122	20216m	22.311	ng	
33) 4-Chloroaniline	10.98	127	54627	25.871	ng	# 93
34) Hexachlorobutadiene	11.14	225	69213	47.110	ng	98
35) Caprolactam	11.75	113	25532m	38.722	ng	
36) 4-Chloro-3-methylphenol	12.10	107	89645	43.527	ng	99
37) 2-Methylnaphthalene	12.46	142	157937	43.758	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	111310	43.265	ng	98
40) Hexachlorocyclopentadiene	12.81	237	140368	104.032	ng	89

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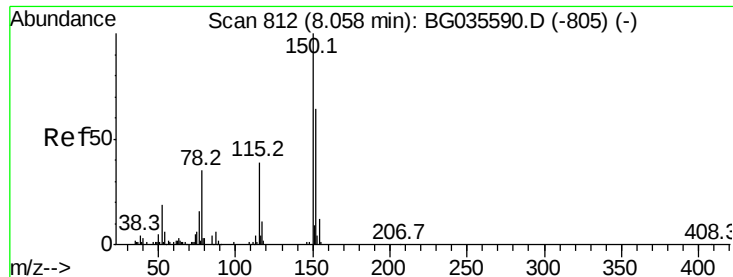
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	70193	46.653	ng	94
43) 2,4,5-Trichlorophenol	13.16	196	79112	47.002	ng	94
45) 1,1'-Biphenyl	13.47	154	219409	41.517	ng	97
46) 2-Chloronaphthalene	13.51	162	173879	42.299	ng	100
47) 2-Nitroaniline	13.72	65	60798	41.835	ng	# 83
48) Acenaphthylene	14.36	152	292847	42.528	ng	99
49) Dimethylphthalate	14.09	163	242657	40.631	ng	99
50) 2,6-Dinitrotoluene	14.21	165	58341	47.971	ng	93
51) Acenaphthene	14.70	154	166755	38.875	ng	96
52) 3-Nitroaniline	14.54	138	38227	30.753	ng	# 80
53) 2,4-Dinitrophenol	14.76	184	46565	74.912	ng	# 68
54) Dibenzofuran	15.03	168	290683	42.610	ng	93
55) 4-Nitrophenol	14.86	139	66855	75.523	ng	# 84
56) 2,4-Dinitrotoluene	15.00	165	83616	47.924	ng	90
57) Fluorene	15.68	166	244908	42.833	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	82890	51.363	ng	92
59) Diethylphthalate	15.45	149	249240	40.586	ng	99
60) 4-Chlorophenyl-phenylether	15.67	204	144478	42.992	ng	96
61) 4-Nitroaniline	15.71	138	52543	40.410	ng	# 79
62) Azobenzene	15.97	77	250676	41.383	ng	94
64) 4,6-Dinitro-2-methylphenol	15.76	198	50571	46.686	ng	84
65) n-Nitrosodiphenylamine	15.89	169	228926	41.332	ng	96
66) 4-Bromophenyl-phenylether	16.56	248	98145	43.474	ng	95
67) Hexachlorobenzene	16.69	284	101500	43.658	ng	95
68) Atrazine	16.83	200	105426	46.230	ng	97
69) Pentachlorophenol	17.03	266	96794	68.354	ng	96
70) Phenanthrene	17.42	178	421986	43.460	ng	99
71) Anthracene	17.51	178	427503	44.218	ng	96
72) Carbazole	17.79	167	389800	42.454	ng	99
73) Di-n-butylphthalate	18.33	149	449599	41.437	ng	# 98
74) Fluoranthene	19.43	202	584985	44.728	ng	96
76) Benzidine	19.61	184	215084	36.773	ng	98
77) Pyrene	19.79	202	576131	40.955	ng	98
79) Butylbenzylphthalate	20.67	149	211461	42.035	ng	# 95
80) Benzo(a)anthracene	21.62	228	588438	42.443	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	154510	31.962	ng	# 95
82) Chrysene	21.69	228	550432	42.844	ng	96
83) Bis(2-ethylhexyl)phthalate	21.52	149	292251	42.733	ng	# 97
84) Di-n-octyl phthalate	22.72	149	495124	43.238	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.45	276	611533	42.993	ng	# 87
87) Benzo(b)fluoranthene	23.81	252	560978	43.114	ng	# 96
88) Benzo(k)fluoranthene	23.88	252	533067	41.906	ng	# 97
89) Benzo(a)pyrene	24.68	252	537149	44.375	ng	# 94
90) Dibenzo(a,h)anthracene	28.51	278	498142	41.917	ng	# 95
91) Benzo(g,h,i)perylene	29.58	276	513941	44.195	ng	# 92

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



#1

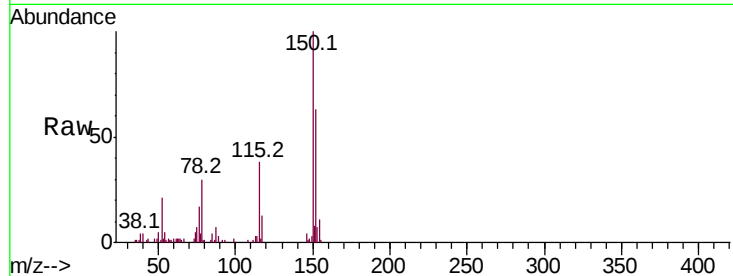
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.6	189.8
115	60.8	53.0	79.4

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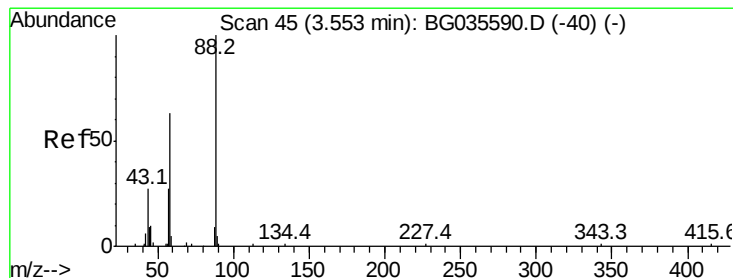
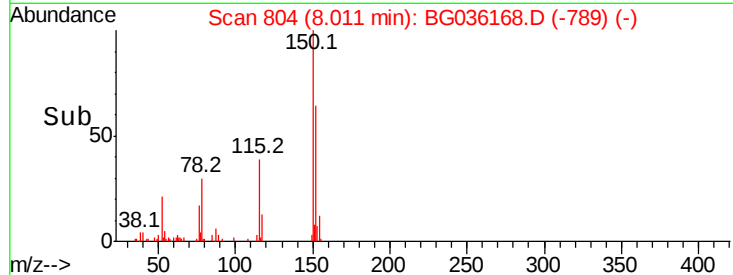
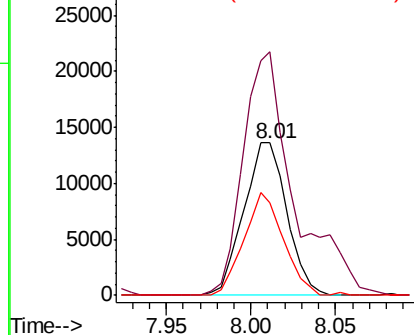


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

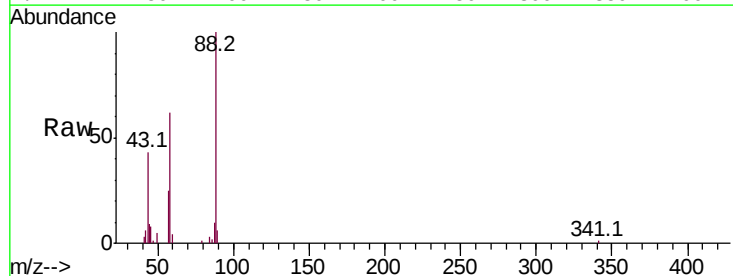
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.771 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	79.6	119.4#
43	32.4	27.4	41.0

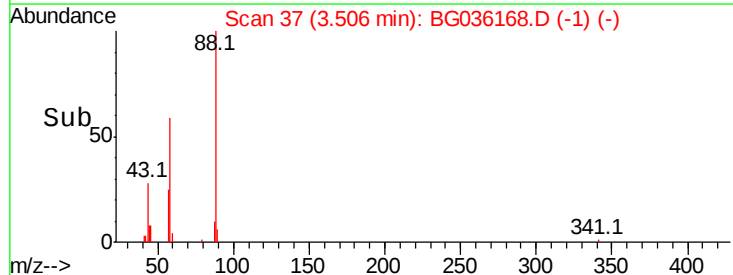
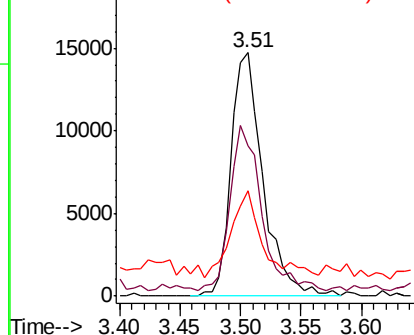


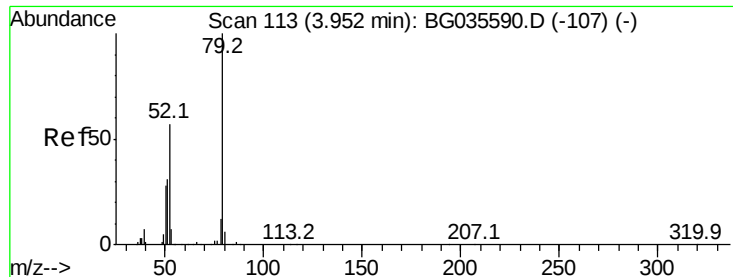
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





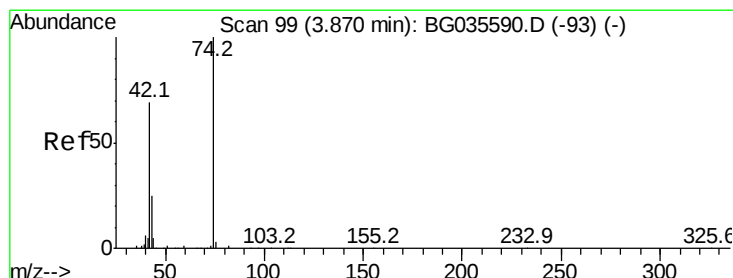
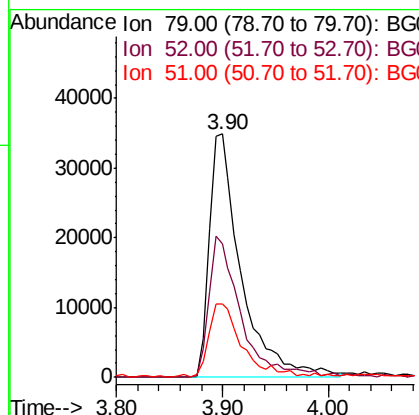
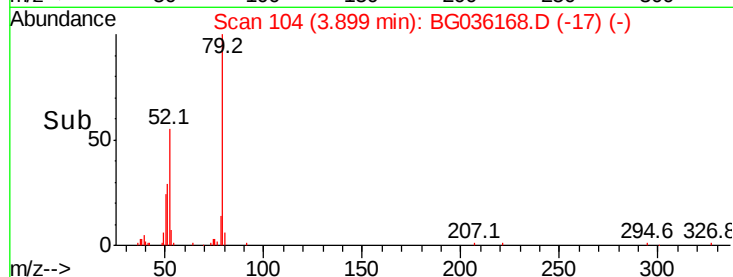
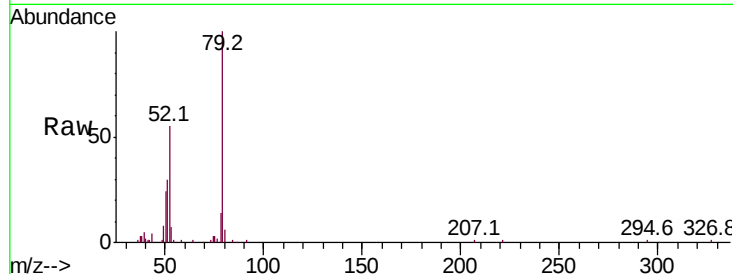
#3
Pvridine
Concen: 38.044 ng
RT: 3.90 min Scan# 104
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.0	69.9	104.9#
51	30.3	34.0	51.0#

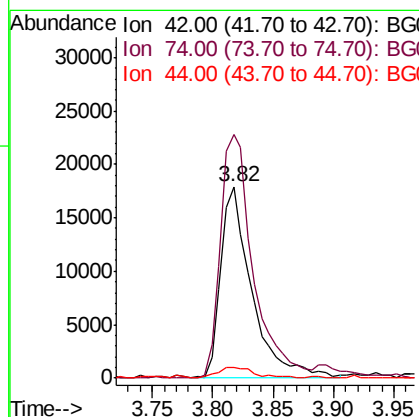
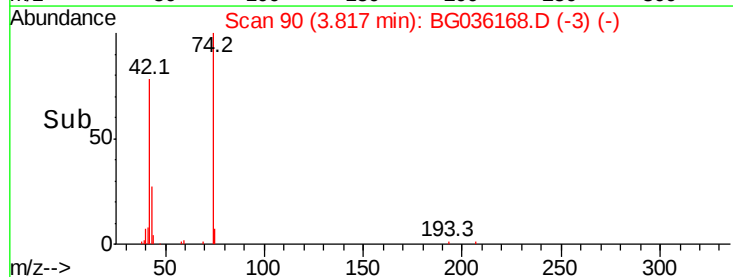
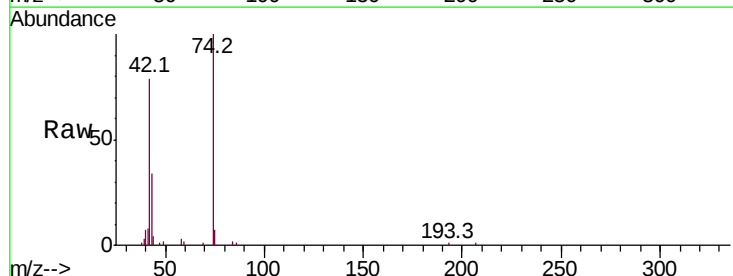
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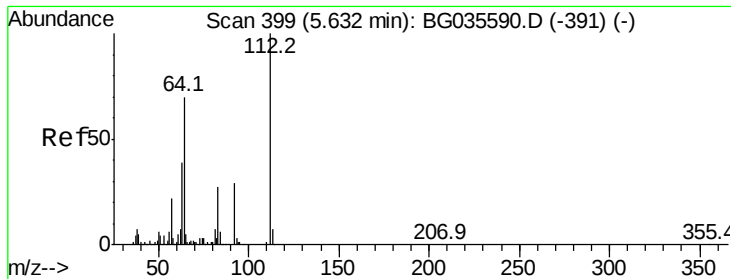
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#4
n-Nitrosodimethylamine
Concen: 38.576 ng
RT: 3.82 min Scan# 90
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.0	102.5	153.7
44	5.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 138.162 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

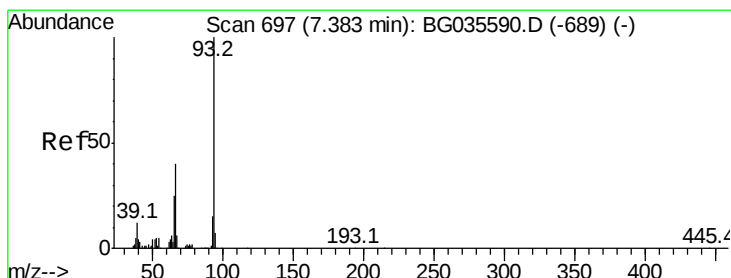
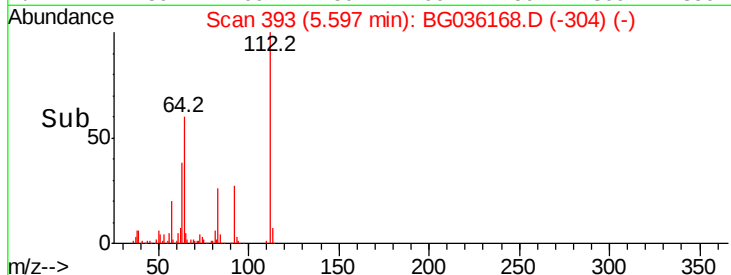
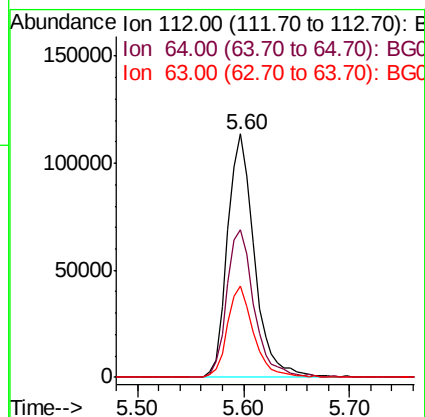
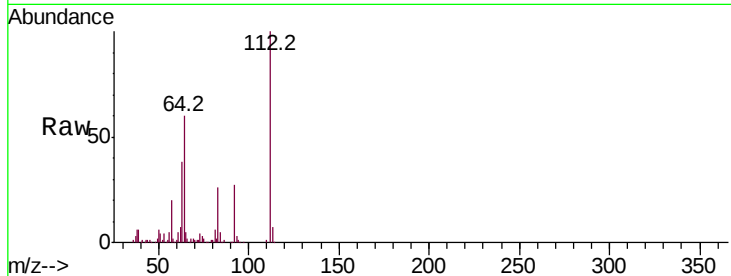
ClientSampleId :

PB111837BS

Tot Ion:	112	Resp:	200598
Ion Ratio	Lower	Upper	
112	100		
64	60.5	56.3	84.5
63	37.6	30.1	45.1

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#6

Aniline

Concen: 30.829 ng

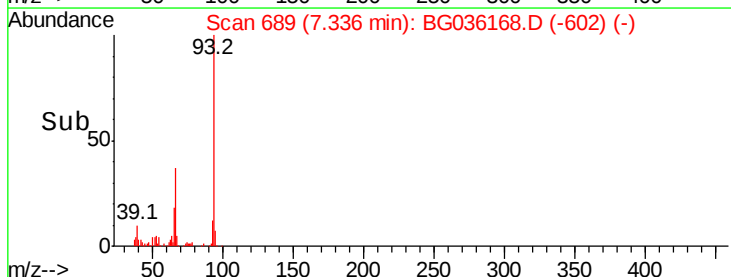
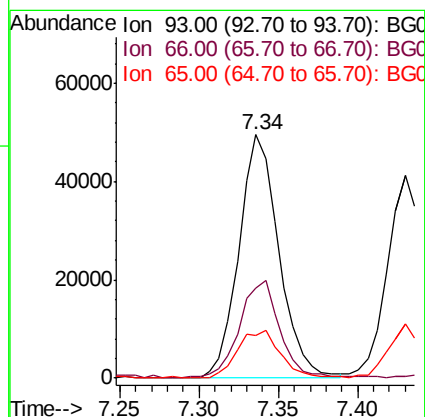
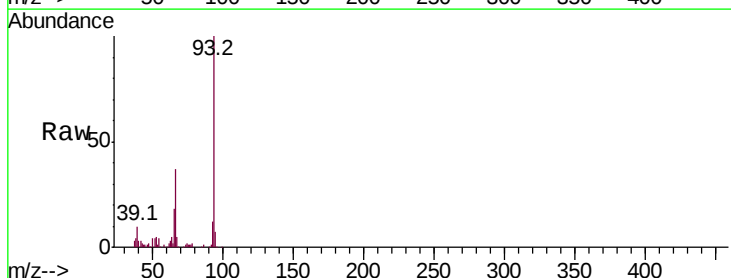
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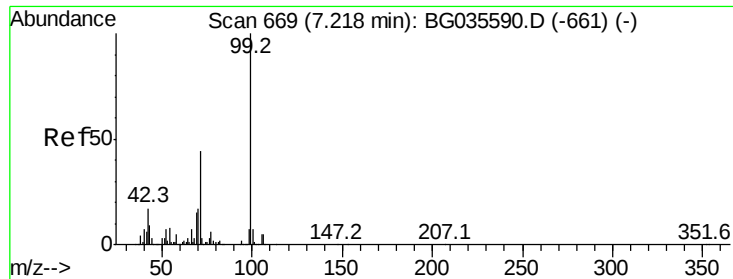
Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:	93	Resp:	86560
Ion Ratio	Lower	Upper	
93	100		
66	37.0	33.7	50.5
65	17.8	16.1	24.1





#7

Phenol-d6

Concen: 130.583 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

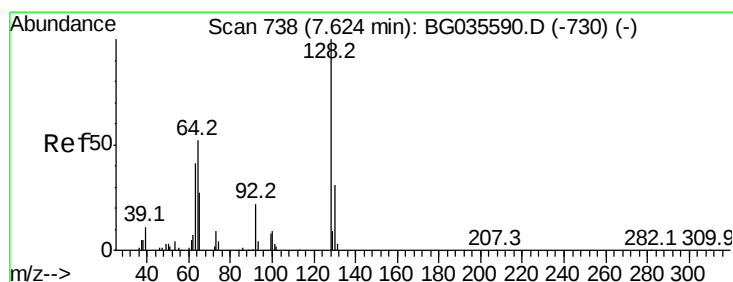
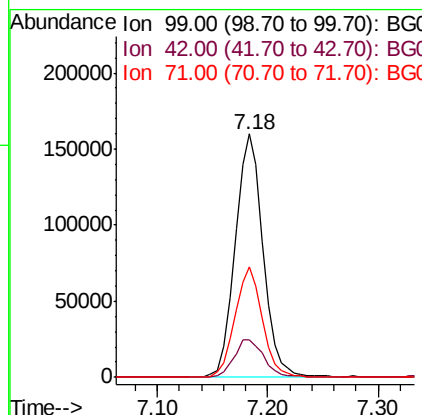
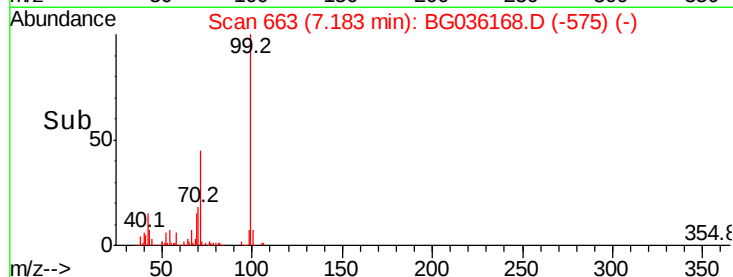
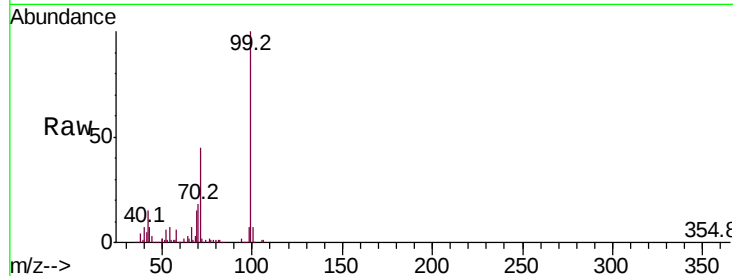
ClientSampleId :

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Tot Ion	99	Resp	282872
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.1	21.1
71	45.3	26.1	39.1#

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#8

2-Chlorophenol

Concen: 45.291 ng

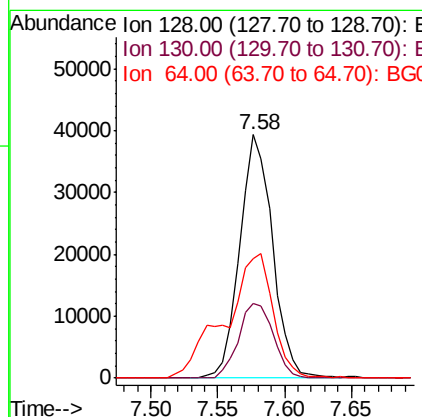
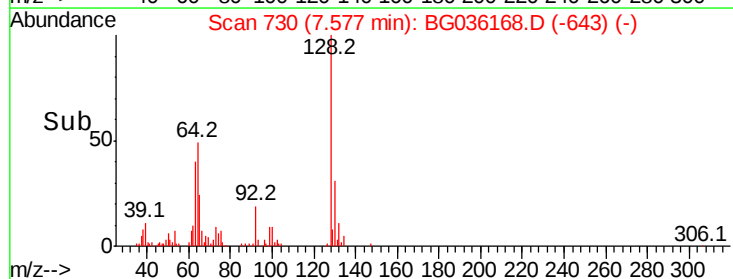
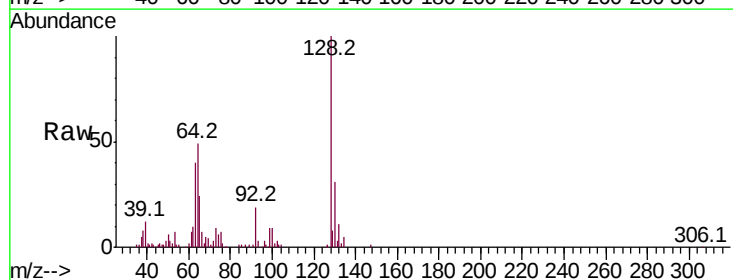
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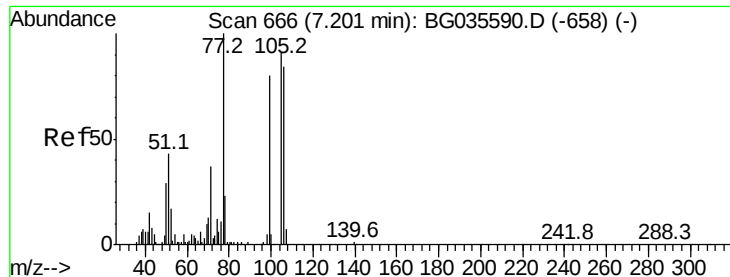
Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion	128	Resp	66879
Ion Ratio	Lower	Upper	
128	100		
130	30.7	14.0	54.0
64	49.1	37.7	77.7





#9

Benzaldehyde

Concen: 28.570 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

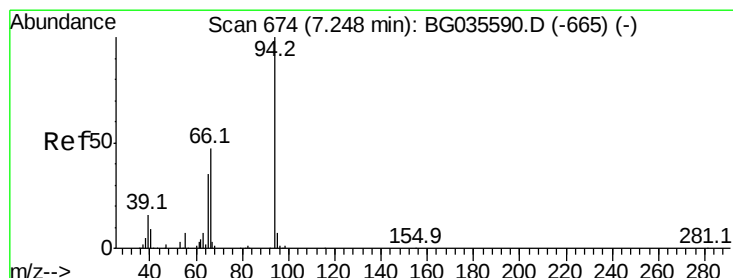
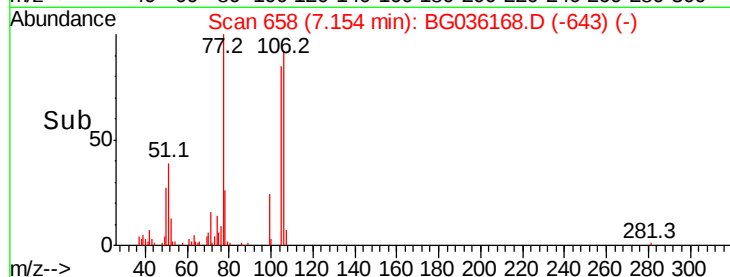
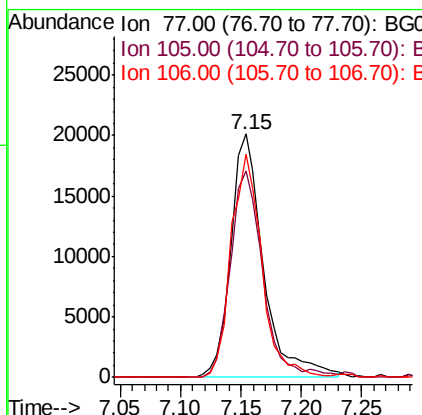
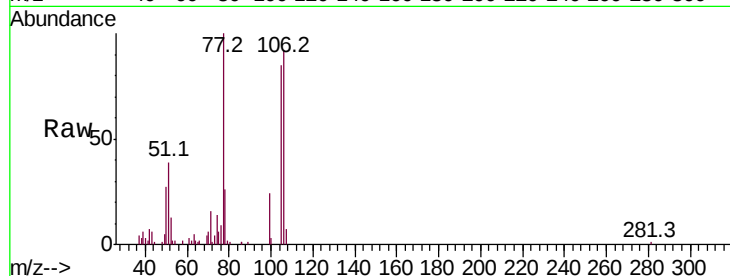
ClientSampleID :

PB111837BS

Tot Ion:	77	Resp:	37974
Ion	Ratio	Lower	Upper
77	100		
105	84.9	71.3	111.3
106	91.7	64.2	104.2

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#10

Phenol

Concen: 43.141 ng

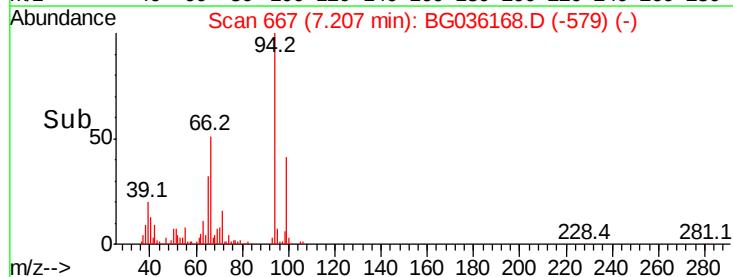
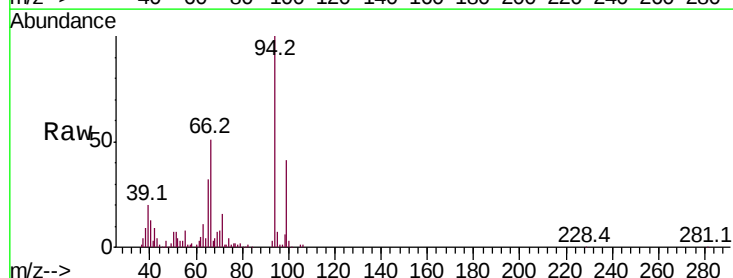
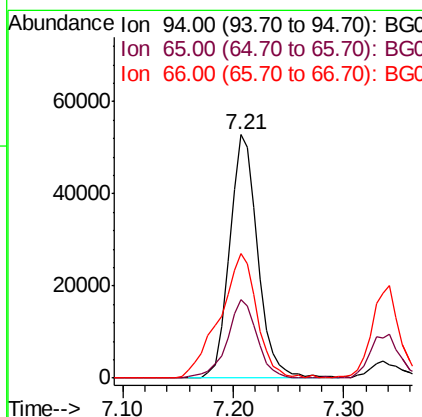
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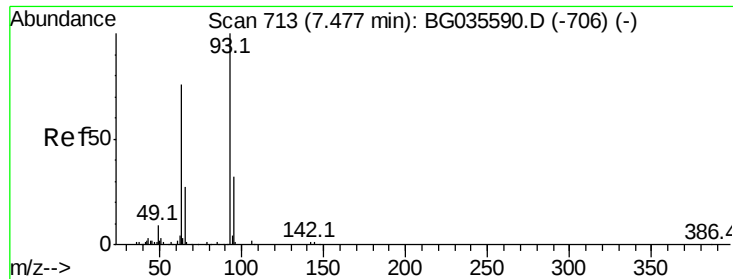
Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:	94	Resp:	94415
Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.9	51.9
66	51.4	22.2	62.2





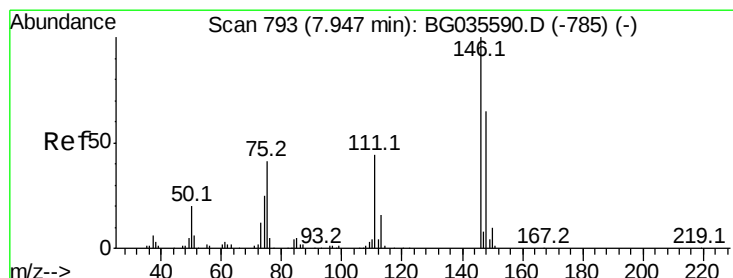
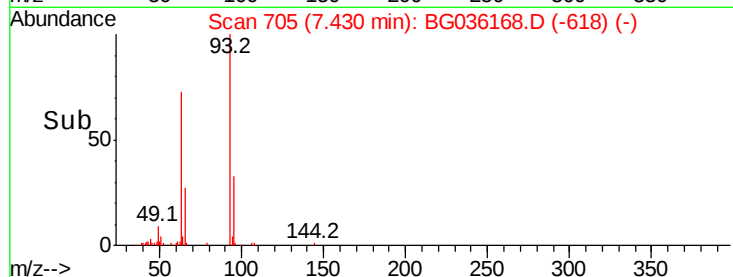
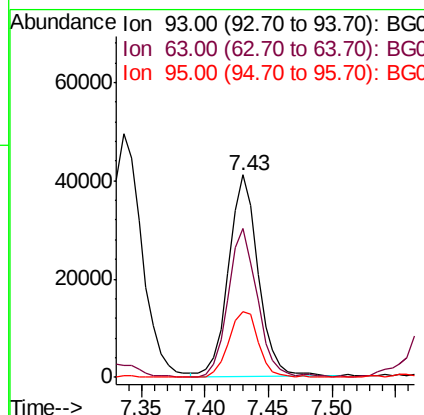
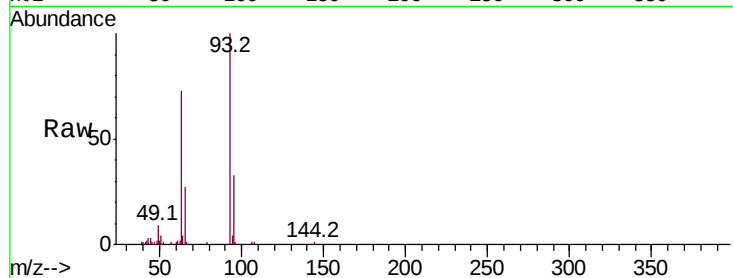
#11
bis(2-Chloroethyl)ether
Concen: 38.382 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	67.1	107.1
95	32.6	11.5	51.5

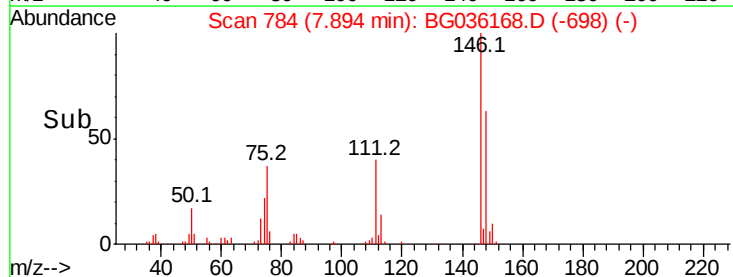
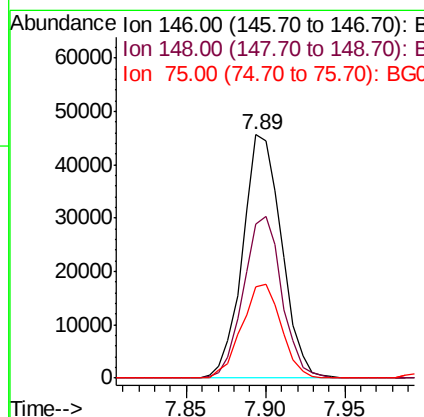
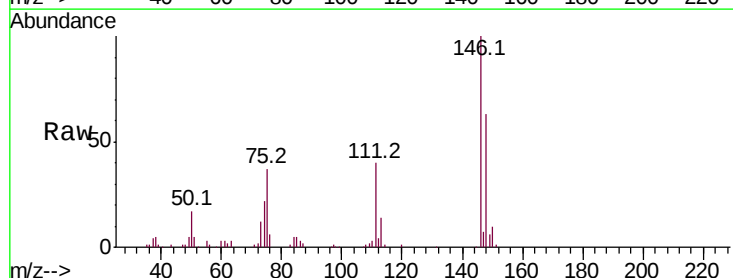
Manual Integrations
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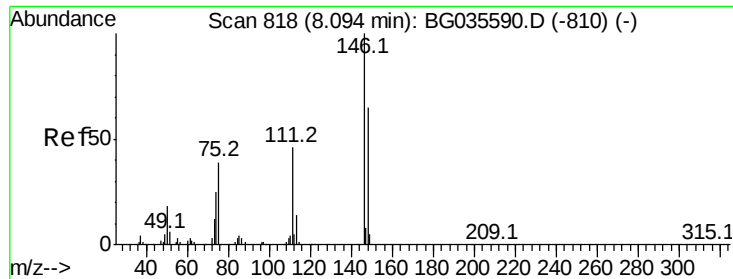
Sohil
8/8/2018 5:34:34 PM



#12
1,3-Dichlorobenzene
Concen: 43.613 ng
RT: 7.89 min Scan# 784
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.2
75	37.3	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 44.059 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

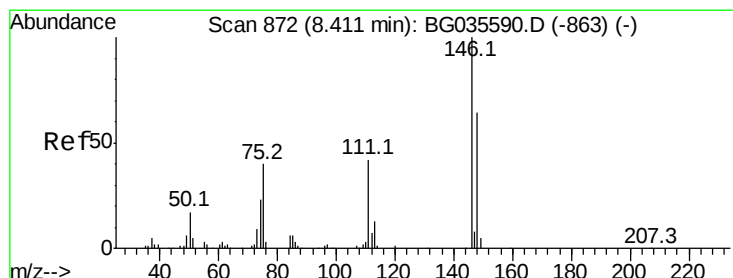
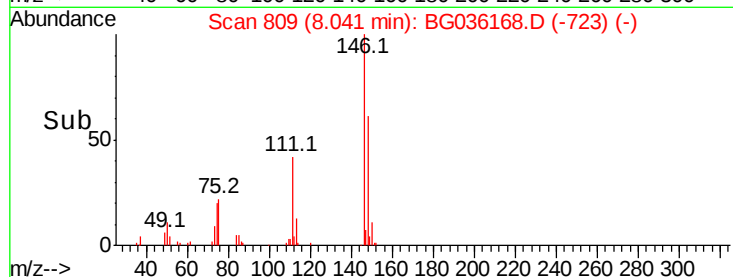
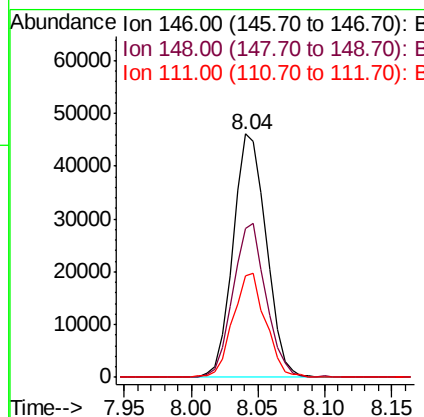
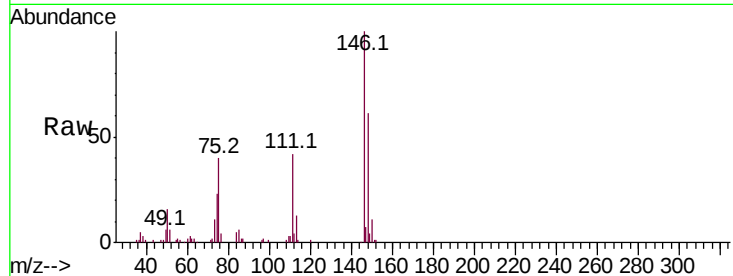
ClientSampleId :

PB111837BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	53.7	80.5
111	41.7	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 43.068 ng

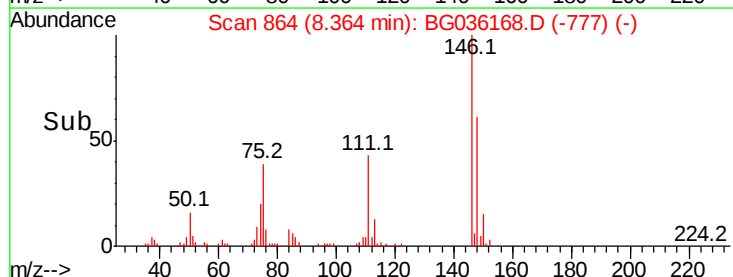
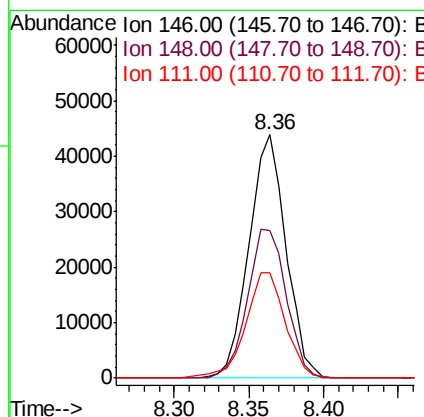
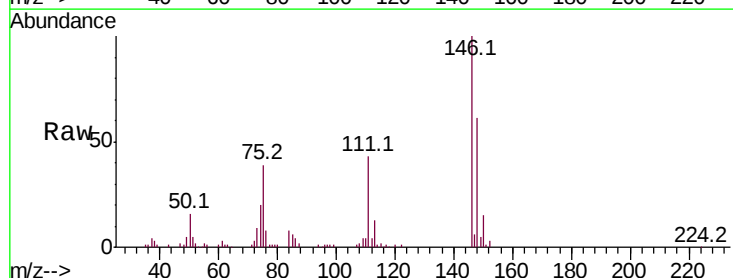
RT: 8.36 min Scan# 864

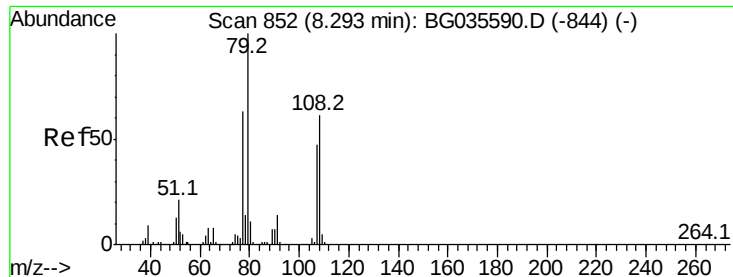
Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.7	49.3	73.9
111	43.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 37.234 ng

RT: 8.25 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

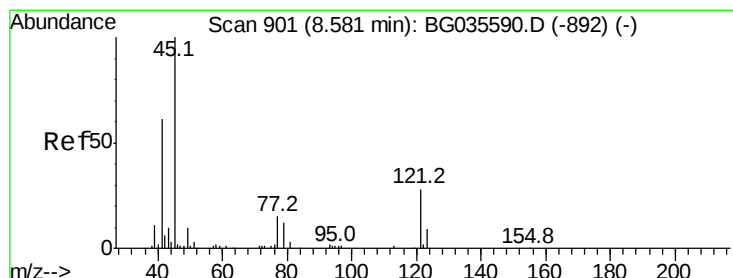
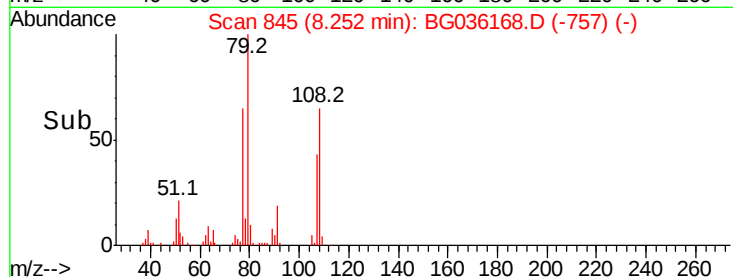
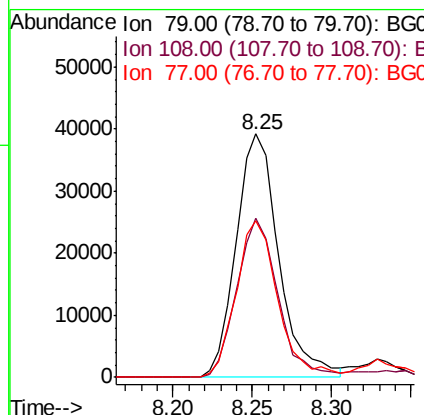
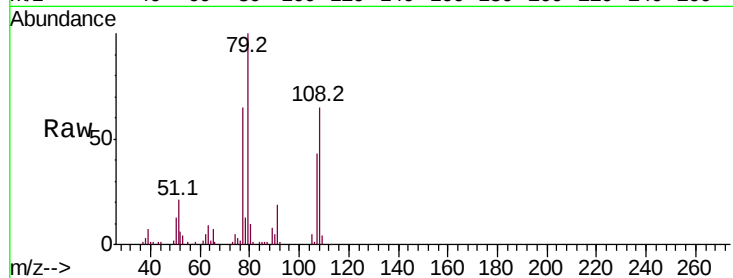
ClientSampled :

PB111837BS

Tot Ion:	79	Resp:	73244
Ion Ratio	Lower	Upper	
79	100		
108	65.2	57.2	85.8
77	64.6	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.907 ng

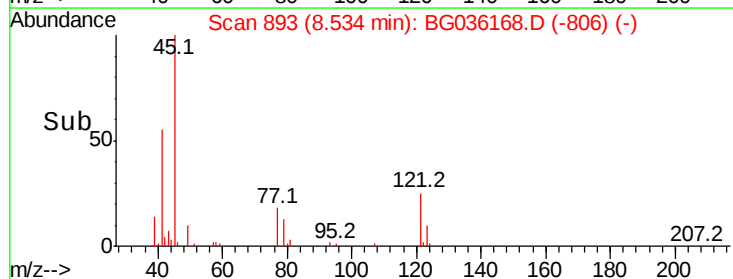
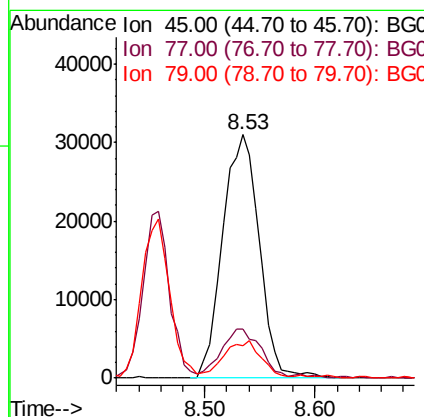
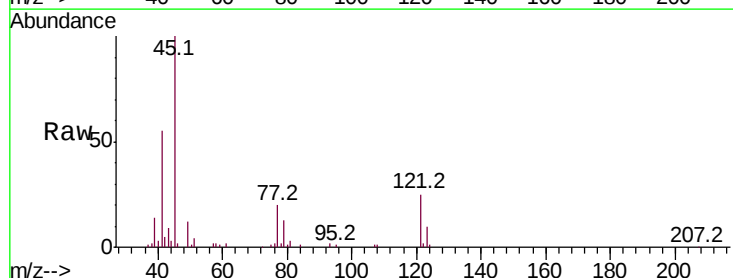
RT: 8.53 min Scan# 893

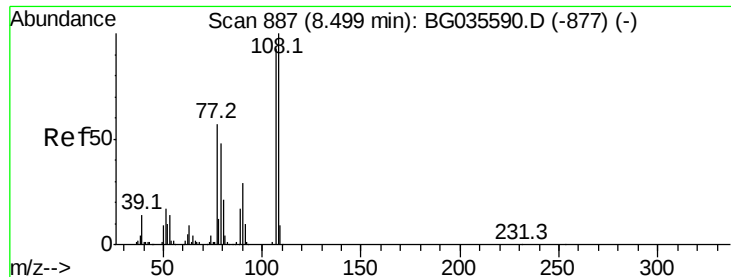
Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:	45	Resp:	71713
Ion Ratio	Lower	Upper	
45	100		
77	20.1	0.0	30.2
79	13.3	0.0	27.9





#17

2-Methylphenol

Concen: 41.533 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

PB111837BS

Tot Ion:107 Resp: 61801

Ion Ratio Lower Upper

107 100

108 106.4 83.9 125.9

77 62.0 37.2 55.8#

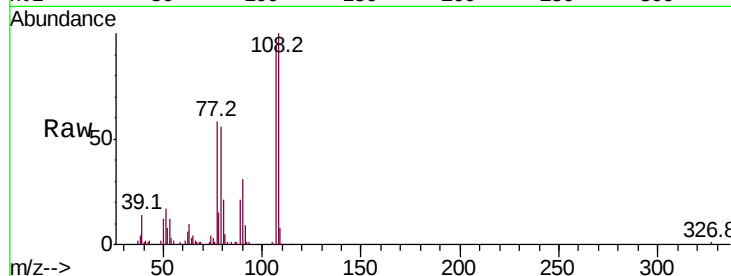
79 59.2 36.2 54.2#

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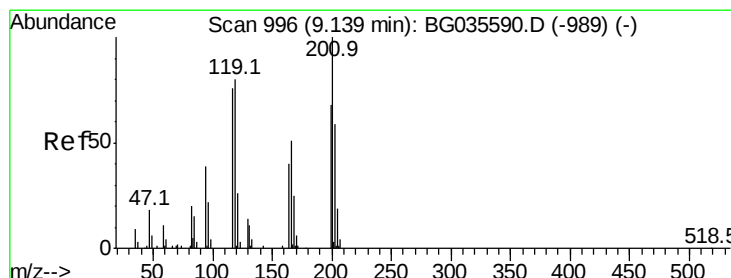
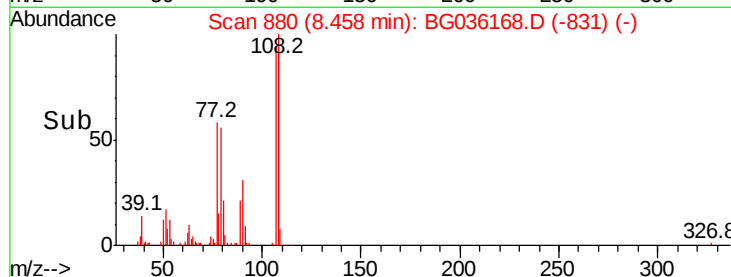
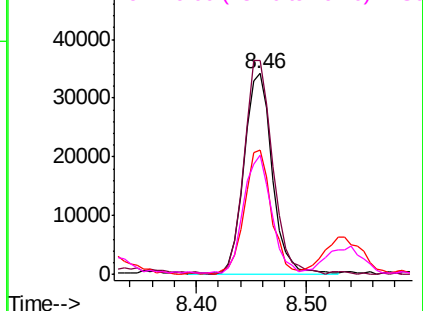
Abundance

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: 42.956 ng

RT: 9.09 min Scan# 987

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:117 Resp: 29758

Ion Ratio Lower Upper

117 100

119 98.7 76.7 115.1

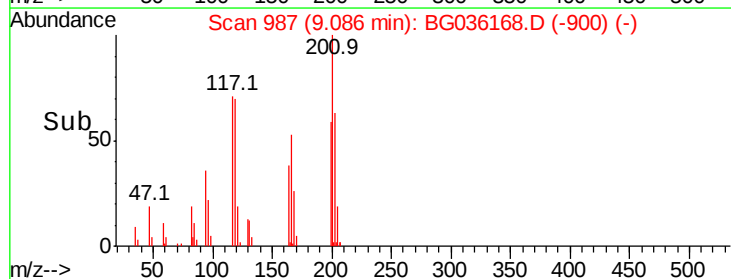
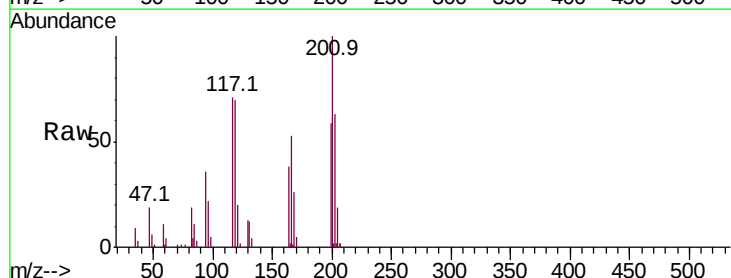
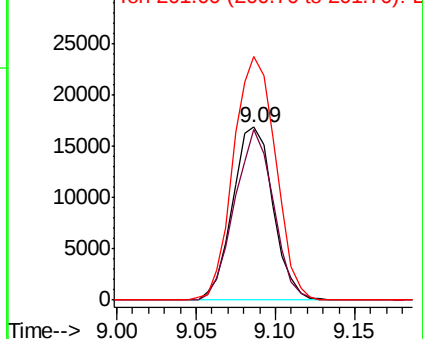
201 140.9 95.7 143.5

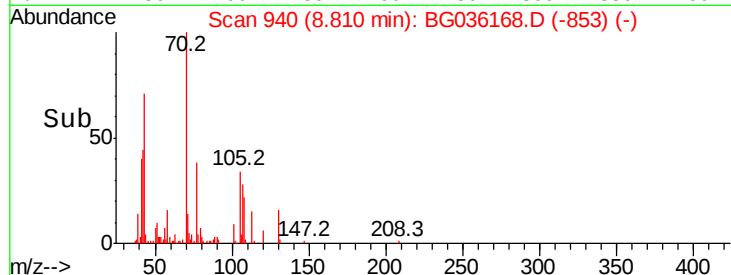
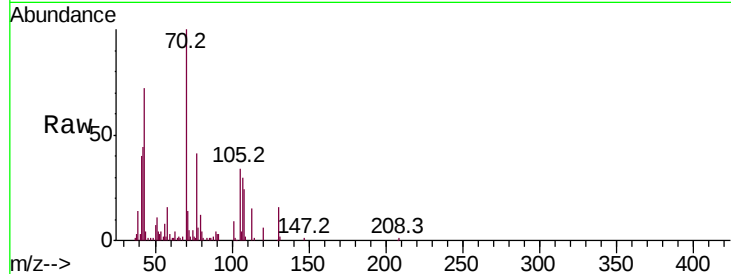
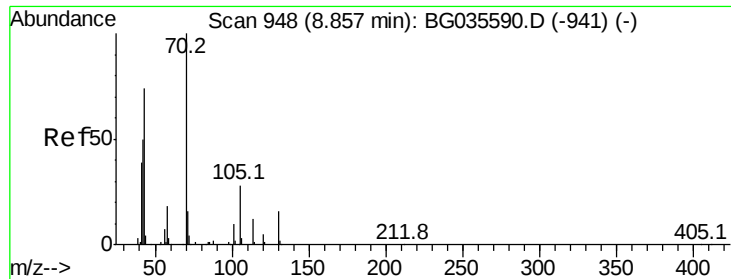
Abundance

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





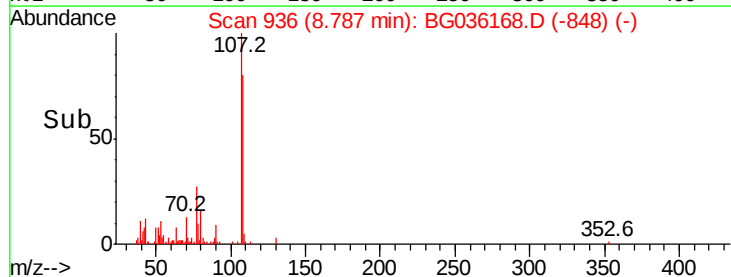
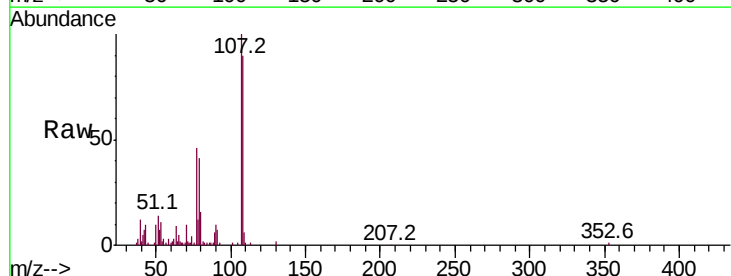
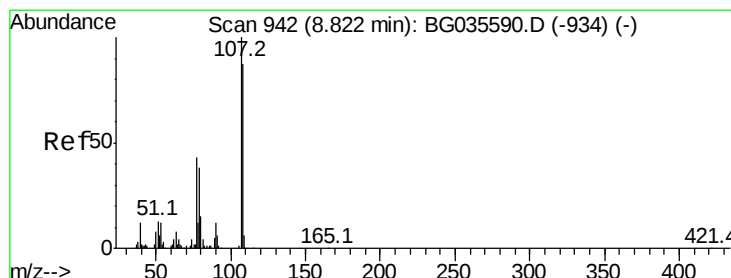
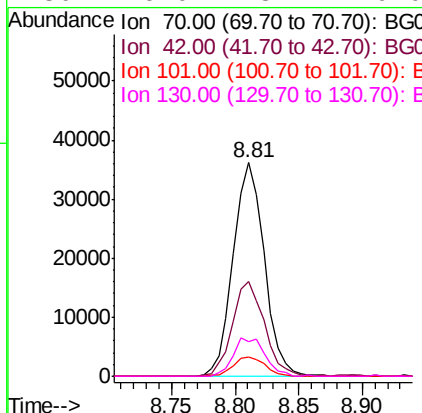
#19
n-Nitroso-di-n-propylamine
Concen: 33.660 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	44.1	49.1	73.7#		
101	8.8	8.5	12.7		
130	16.0	13.4	20.0		

Instrument :
BNA_G
ClientSampleId :
PB111837BS

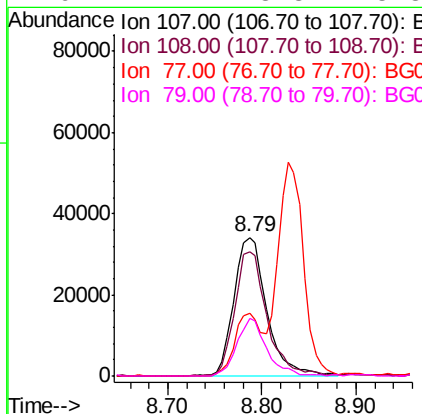
Manual Integrations
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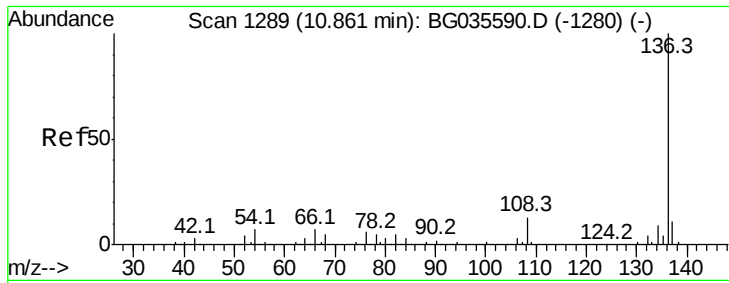
Sohil
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#20
3+4-Methylphenols
Concen: 40.142 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.7	61.6	101.6		
77	45.5	13.9	53.9		
79	41.4	8.8	48.8		





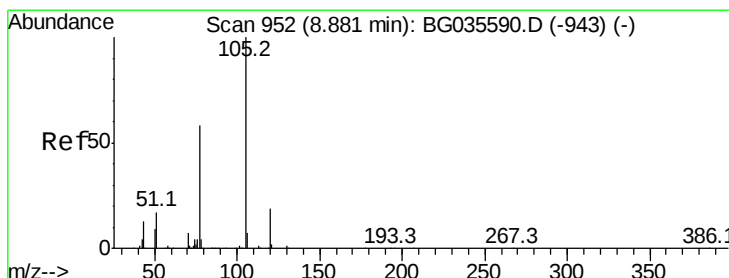
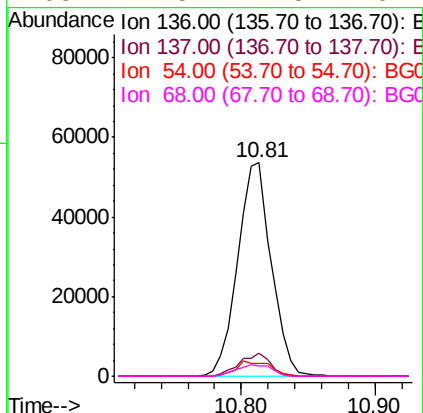
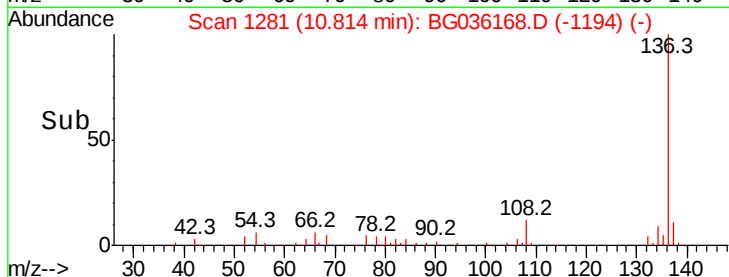
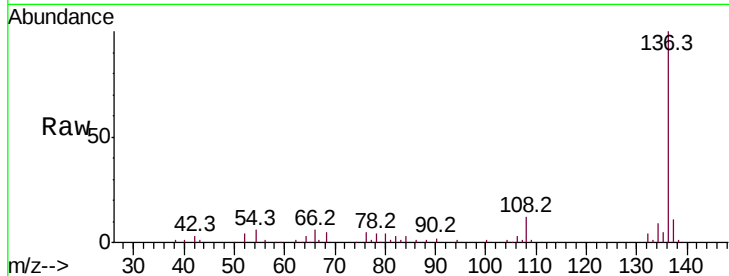
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.2	13.8	
54	5.8	10.3	15.5	
68	4.5	4.5	6.7	

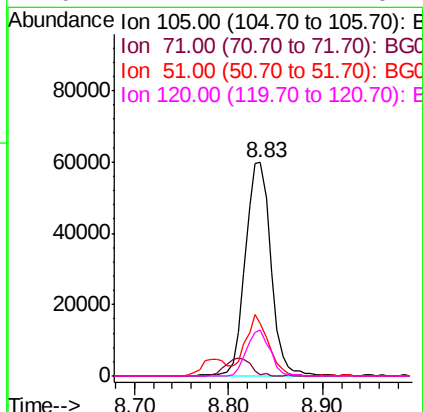
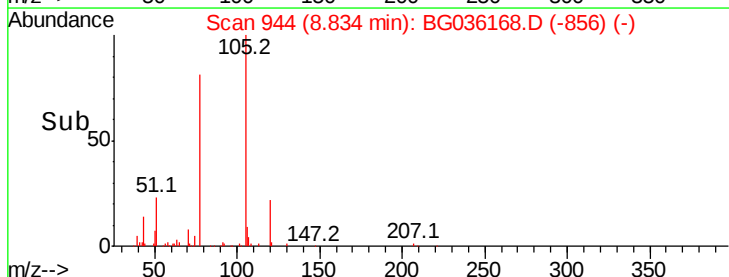
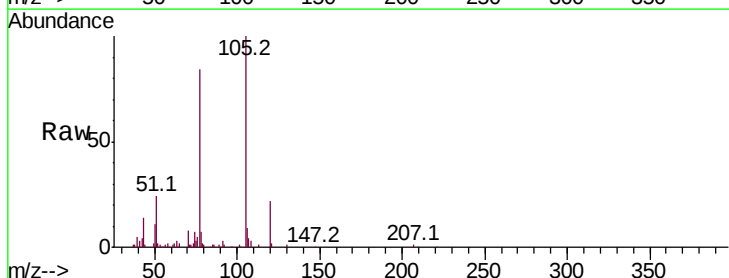
Manual Integrations
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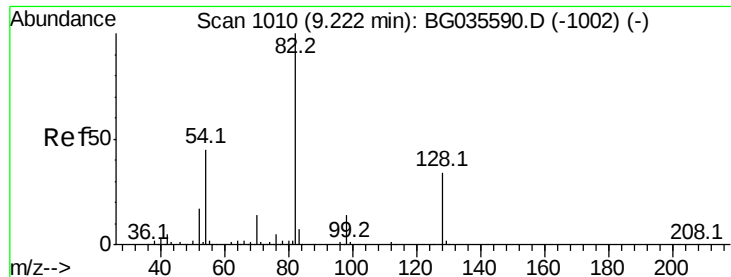
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#22
Acetophenone
Concen: 39.034 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.8	3.0	4.4	
51	24.5	26.1	39.1	
120	21.7	17.4	26.2	





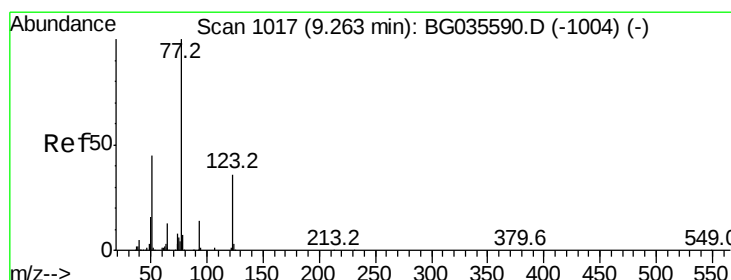
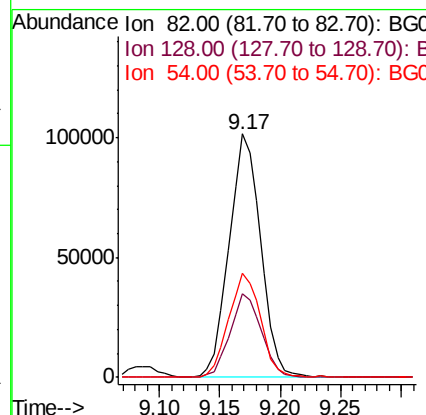
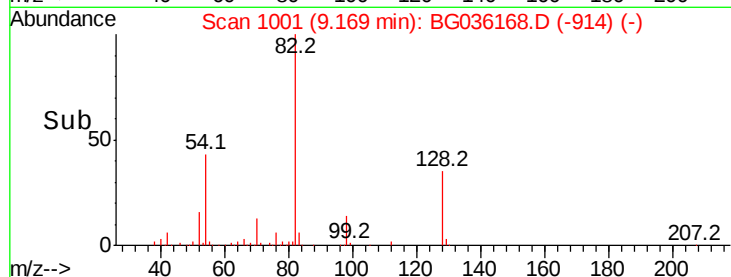
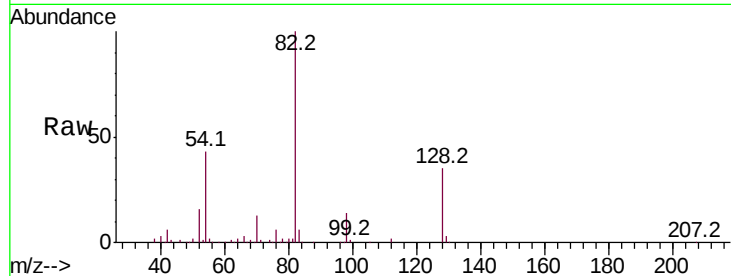
#23
Nitrobenzene-d5
Concen: 83.020 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampled :
PB111837BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.5	29.7	44.5	
54	42.8	43.1	64.7	

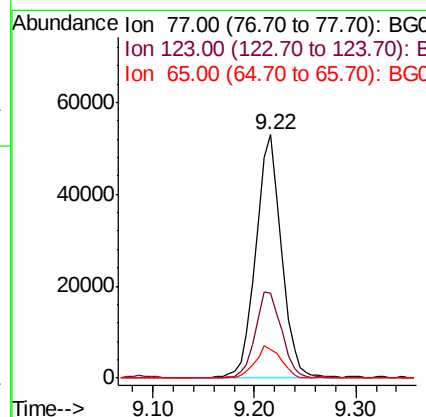
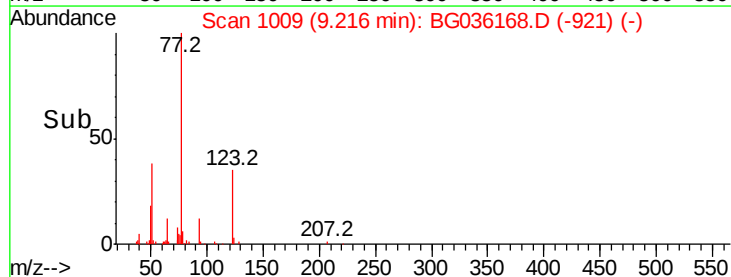
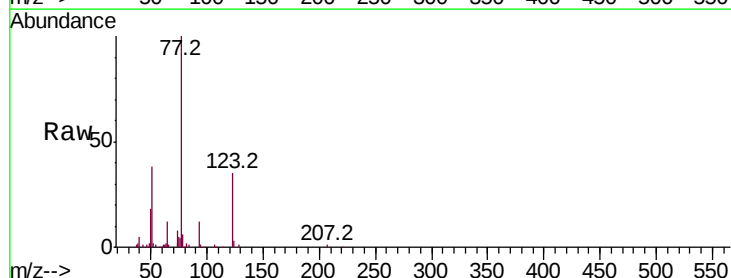
Manual Integrations
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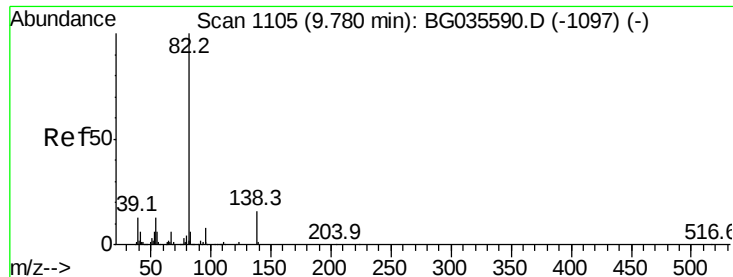
Sohil
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#24
Nitrobenzene
Concen: 41.555 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.9	33.0	49.6	
65	11.9	13.0	19.6	





#25

Isophorone

Concen: 40.530 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

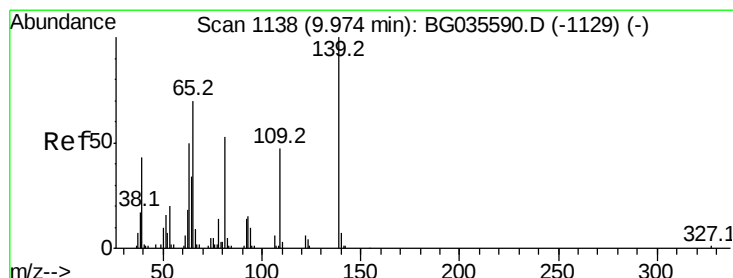
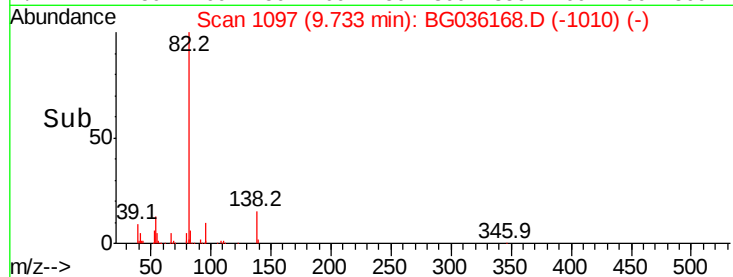
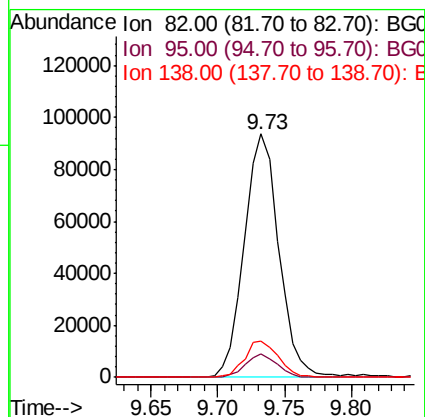
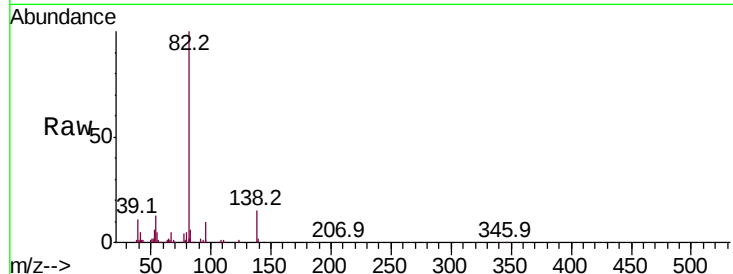
ClientSampleId :

PB111837BS

Tot Ion:	82	Resp:	167502
Ion Ratio	Lower	Upper	
82	100		
95	9.7	6.2	9.2#
138	14.8	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.325 ng

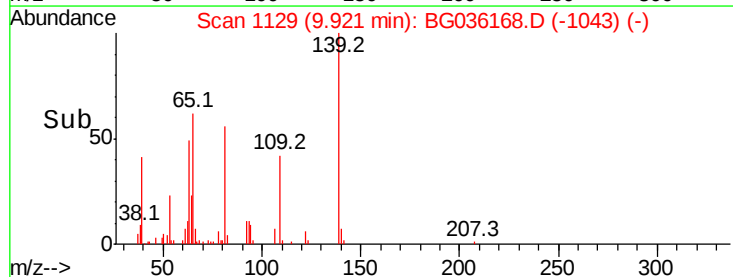
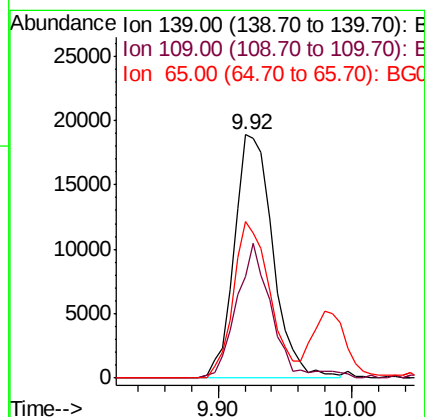
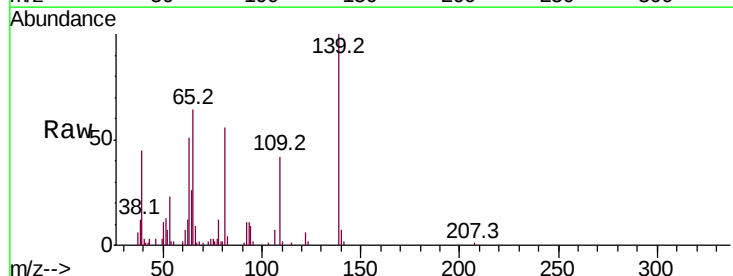
RT: 9.92 min Scan# 1129

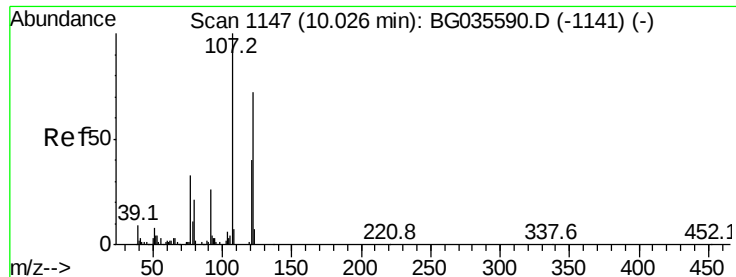
Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:	139	Resp:	37632
Ion Ratio	Lower	Upper	
139	100		
109	41.9	24.2	36.2#
65	64.5	47.4	71.0





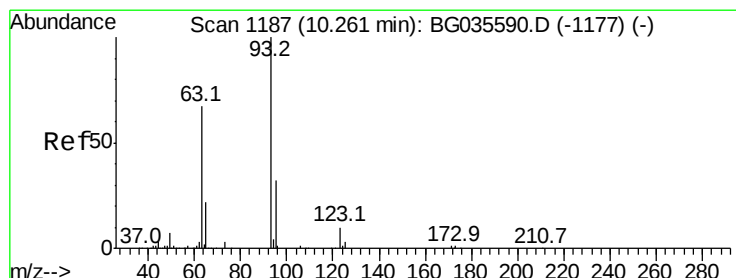
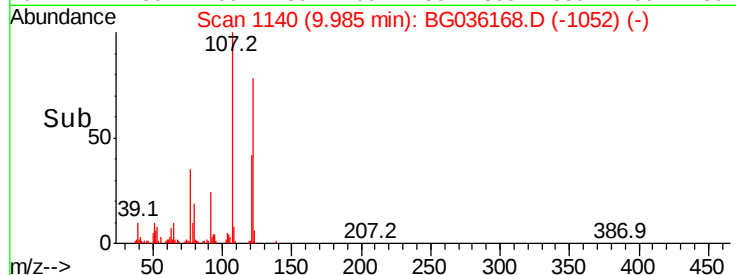
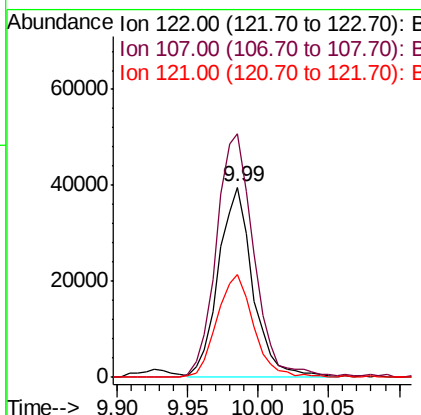
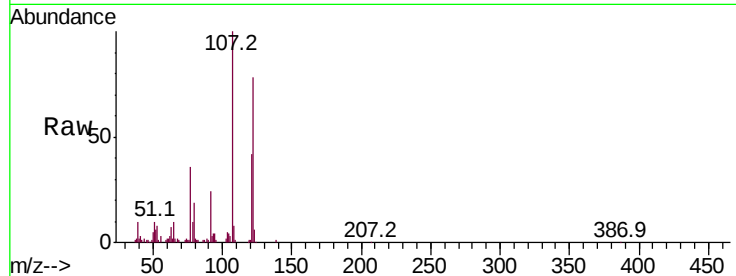
#27
2,4-Dimethylphenol
Concen: 50.118 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.1	100.2	150.2
121	54.4	44.4	66.6

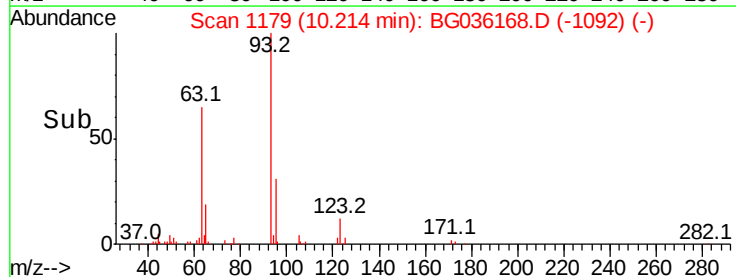
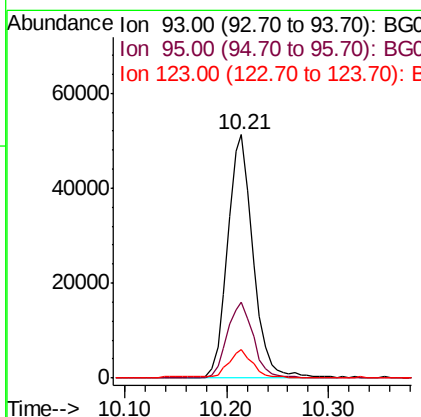
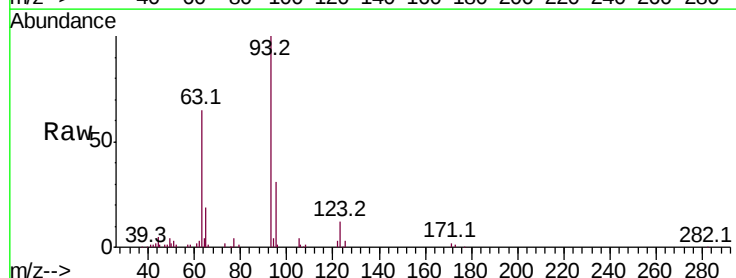
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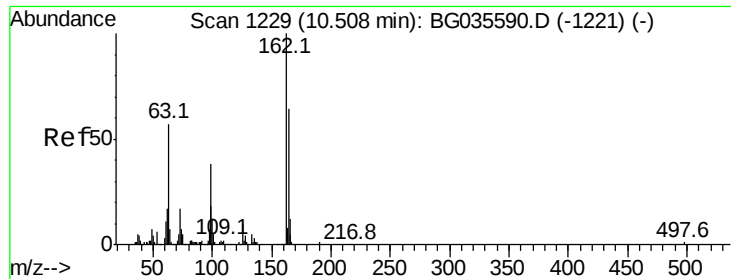
Sohil
8/8/2018 5:34:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.093 ng
RT: 10.21 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.3	36.5
123	12.0	8.4	12.6





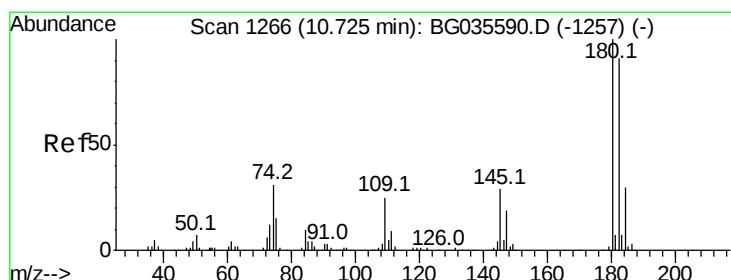
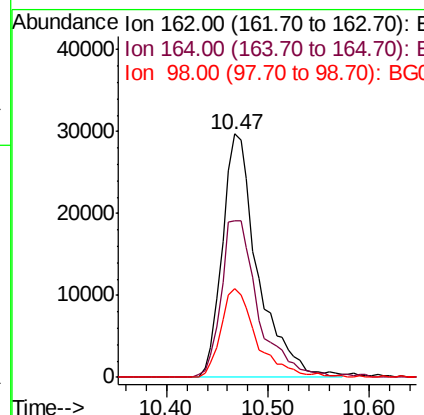
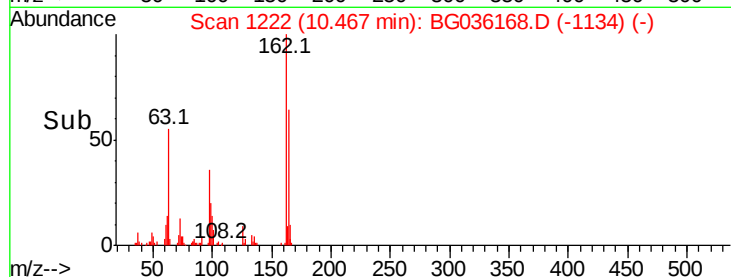
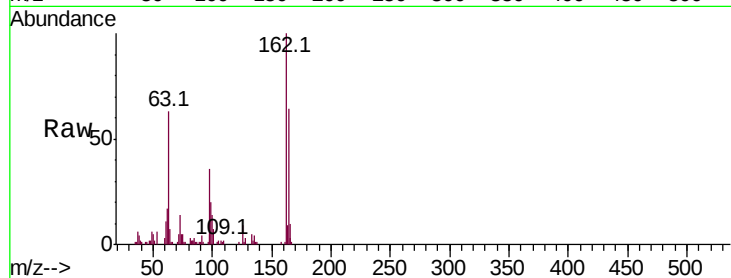
#29
2,4-Dichlorophenol
Concen: 47.024 ng
RT: 10.47 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion:	162	Resp:	72251
Ion Ratio	Lower	Upper	
162	100		
164	64.4	48.0	88.0
98	36.3	21.1	61.1

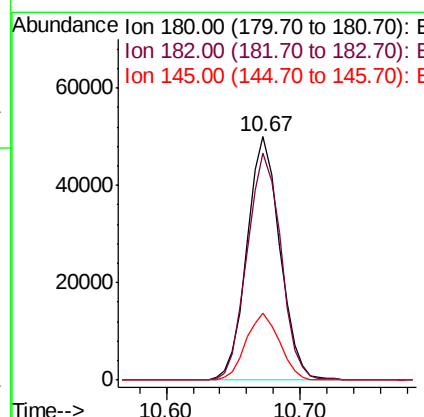
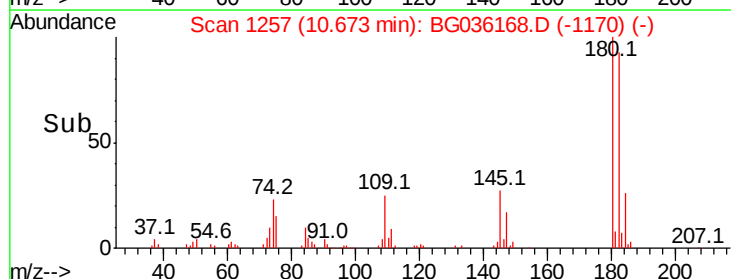
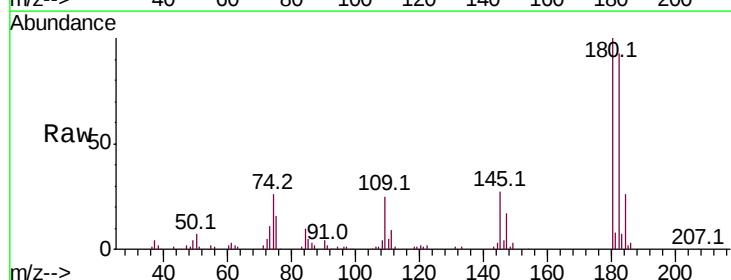
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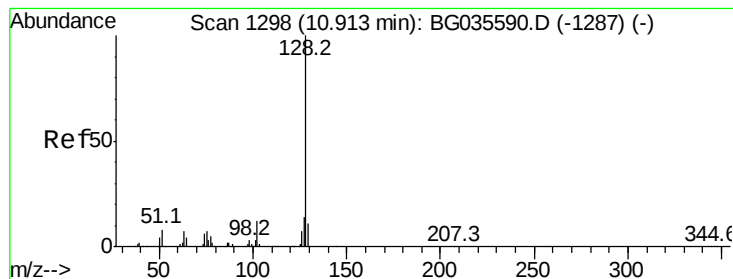
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 45.326 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion:	180	Resp:	85397
Ion Ratio	Lower	Upper	
180	100		
182	93.3	77.5	116.3
145	27.3	23.4	35.2





#31

Naphthalene

Concen: 42.146 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

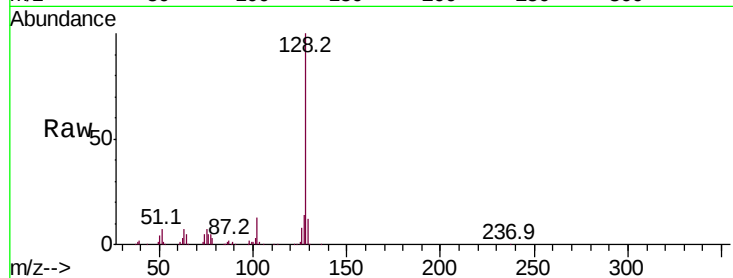
ClientSampleId :

PB111837BS

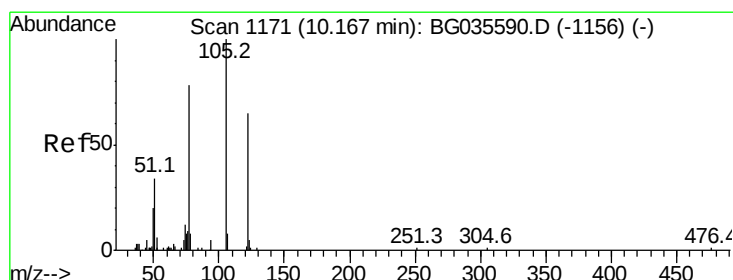
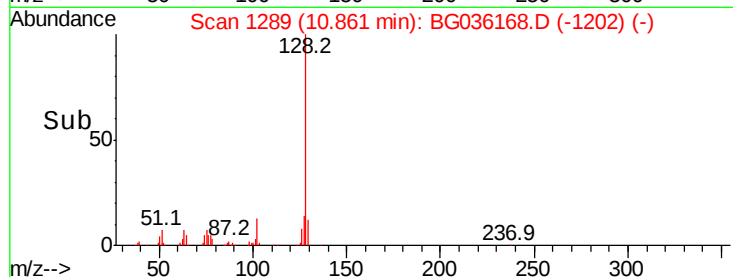
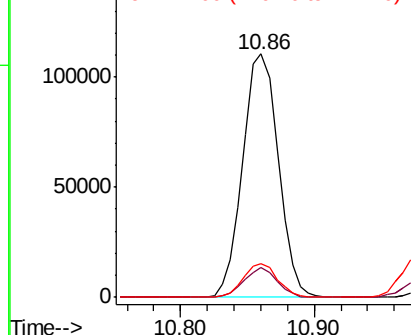
Tot Ion:	128	Resp:	204180
Ion Ratio	Lower	Upper	
128	100		
129	12.1	8.6	12.8
127	13.8	11.6	17.4

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.311 ng m

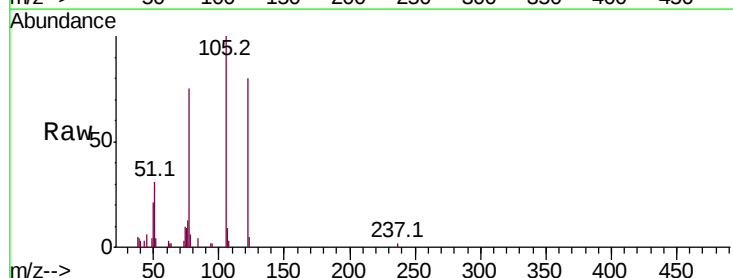
RT: 10.15 min Scan# 1168

Delta R.T. -0.01 min

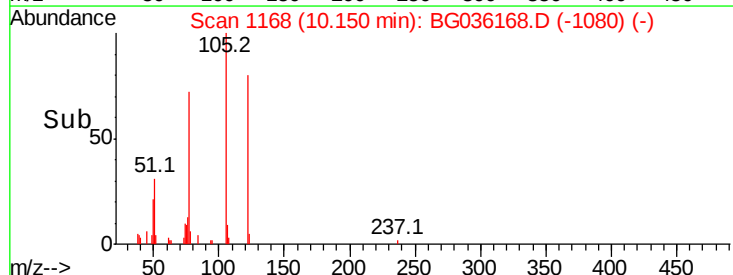
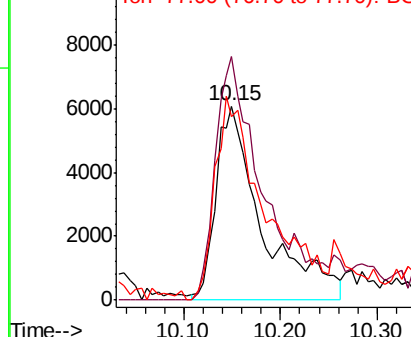
Lab File: BG036168.D

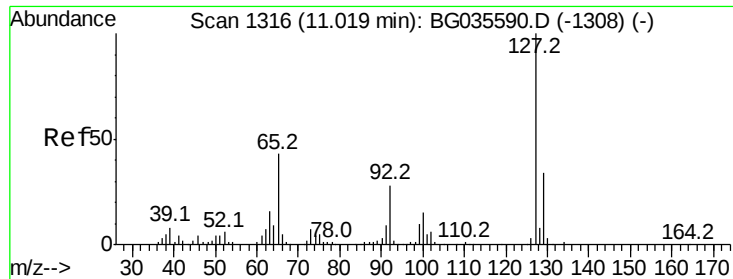
Acq: 7 Aug 2018 19:03

Tgt Ion:	122	Resp:	20216
Ion Ratio	Lower	Upper	
122	100		
105	125.7	123.5	163.5
77	94.4	85.7	125.7



Abundance Ion 122.00 (121.70 to 122.70): E
10000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





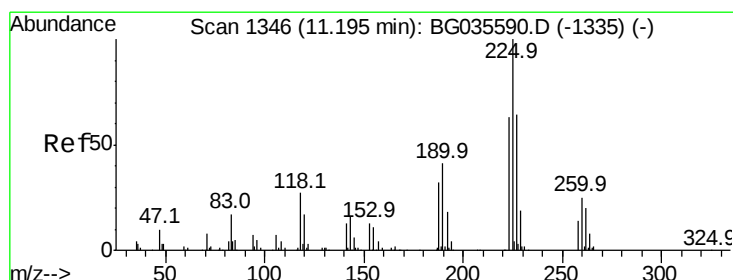
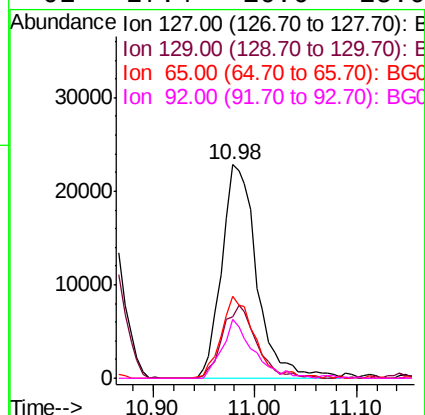
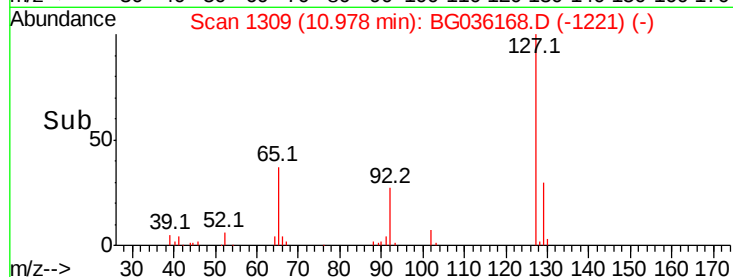
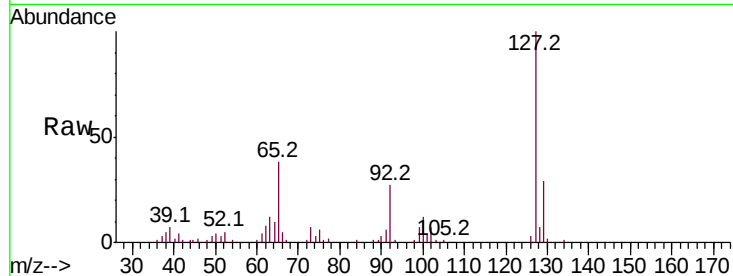
#33
4-Chloroaniline
Concen: 25.871 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.9	24.0	36.0
65	38.3	27.0	40.4
92	27.4	16.6	25.0

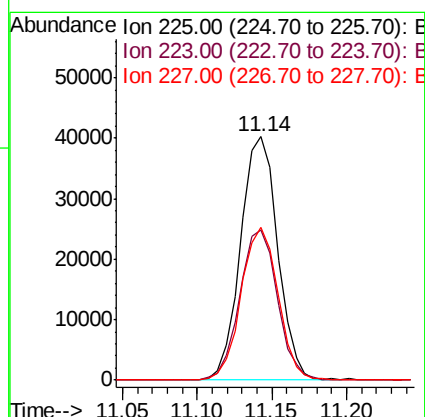
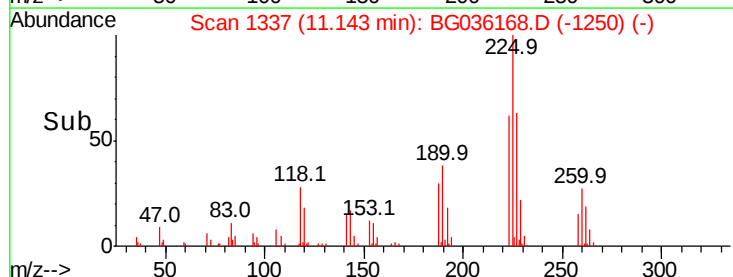
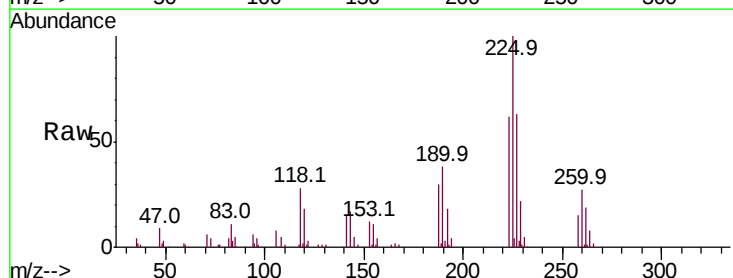
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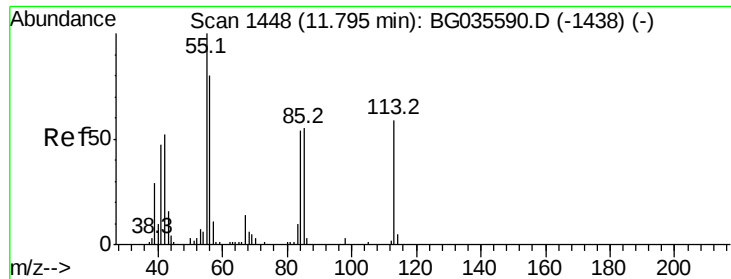
Sohil
8/8/2018 5:34:34 PM



#34
Hexachlorobutadiene
Concen: 47.110 ng
RT: 11.14 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	62.7	48.1	72.1





#35

Caprolactam

Concen: 38.722 ng/ml

RT: 11.75 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

PB111837BS

Tot Ion:113 Resp: 25532

Ion Ratio Lower Upper

113 100

55 144.0 186.9 226.9#

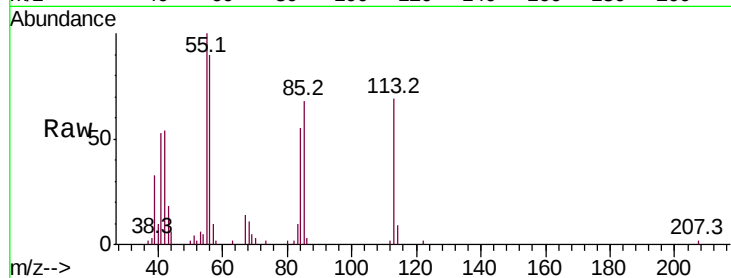
56 130.0 130.9 170.9#

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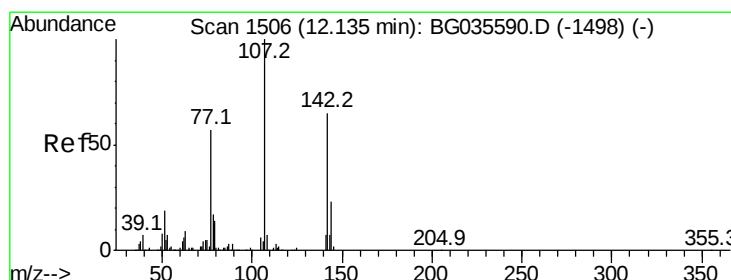
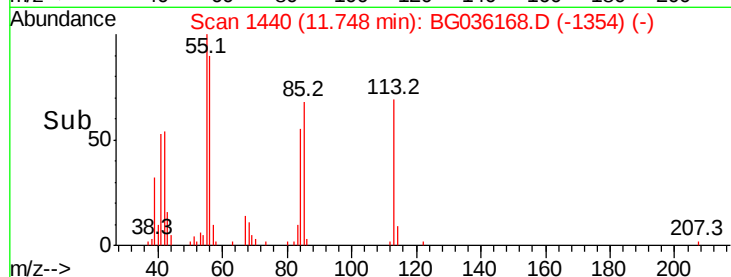
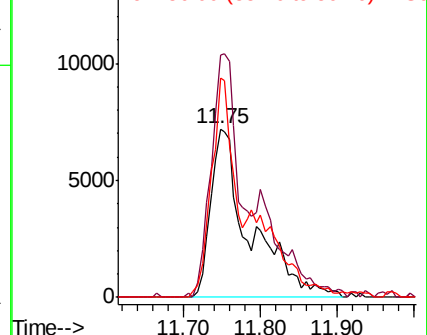
8/8/2018 5:34:34 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG035590.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG035590.D (-1438) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.527 ng/ml

RT: 12.10 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

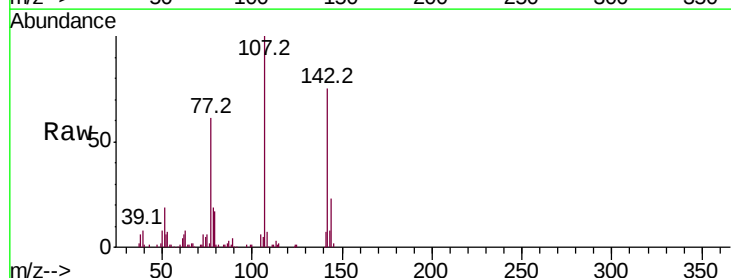
Tgt Ion:107 Resp: 89645

Ion Ratio Lower Upper

107 100

144 22.7 18.2 27.4

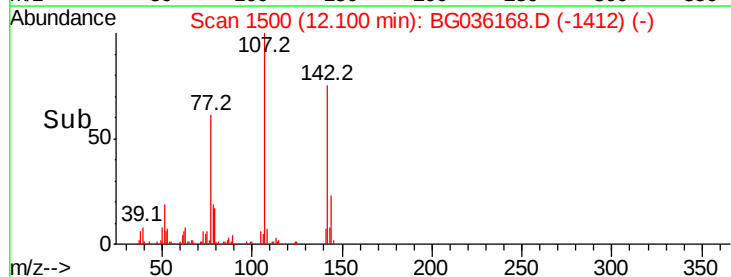
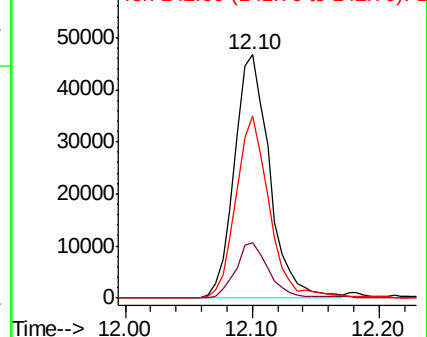
142 75.0 59.0 88.4

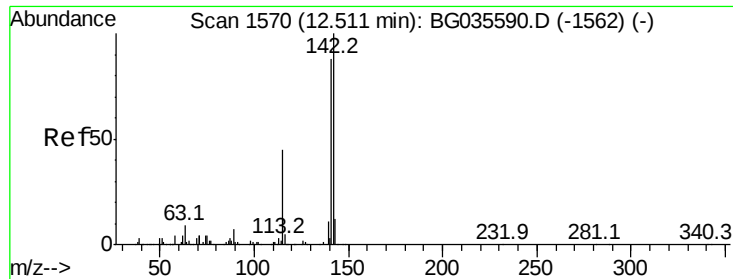


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





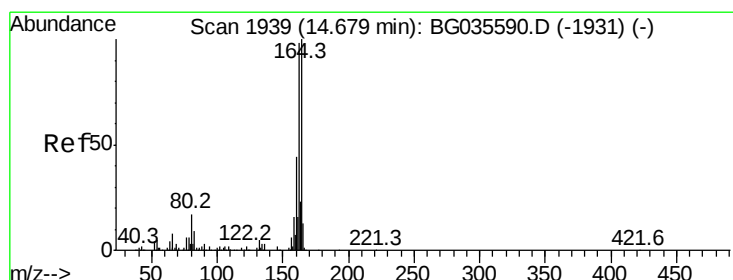
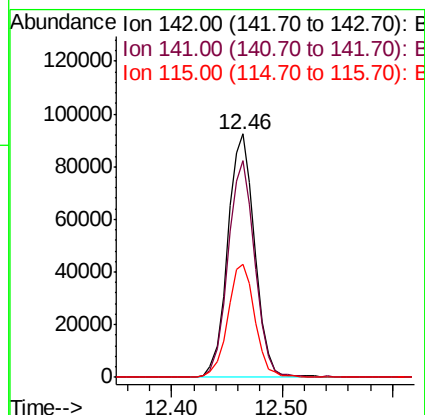
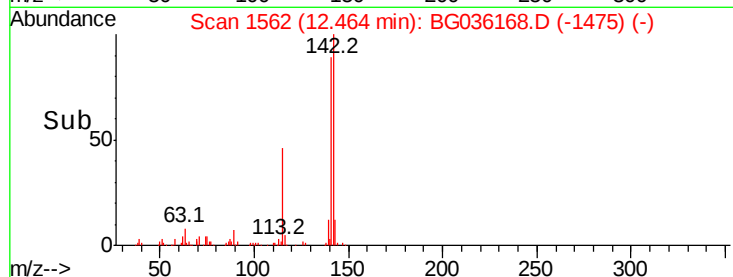
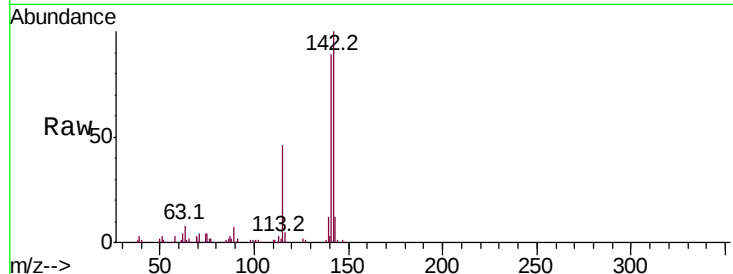
#37
2-Methylnaphthalene
Concen: 43.758 ng
RT: 12.46 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.2	67.1	100.7	
115	46.2	30.7	46.1	

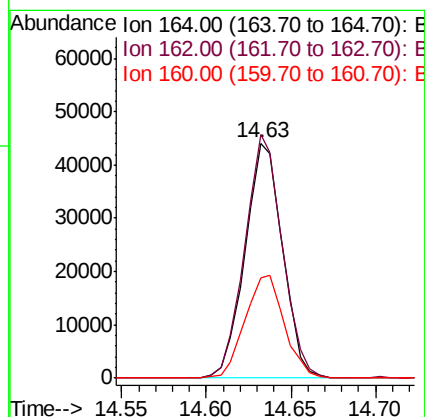
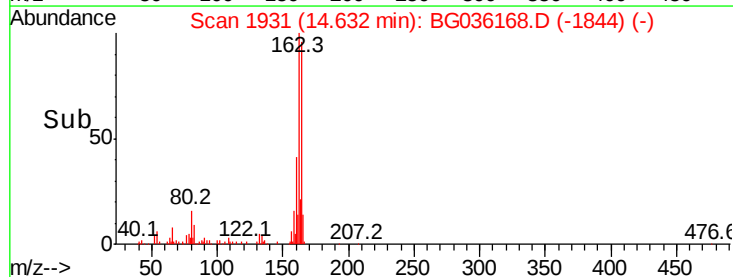
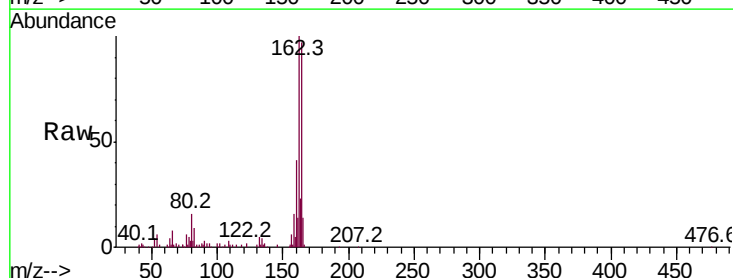
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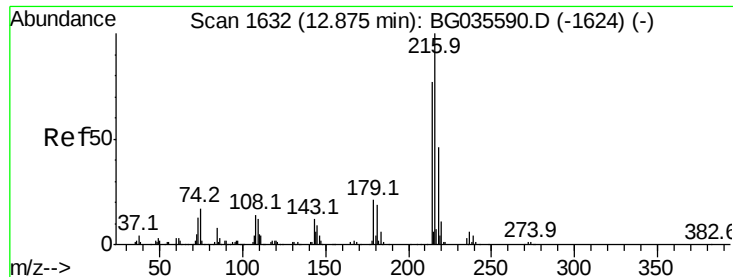
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.5	78.8	118.2	
160	42.4	35.4	53.0	





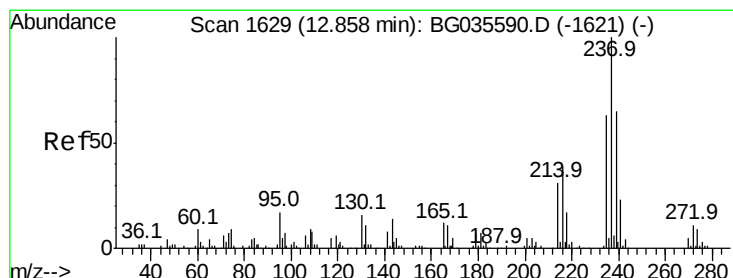
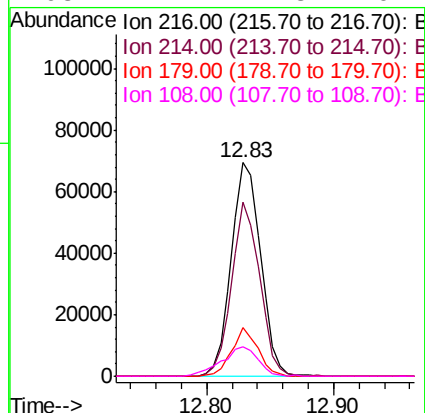
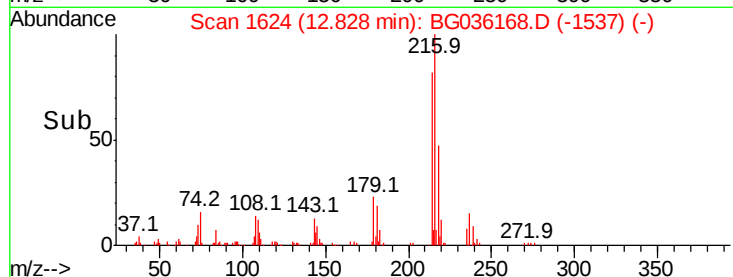
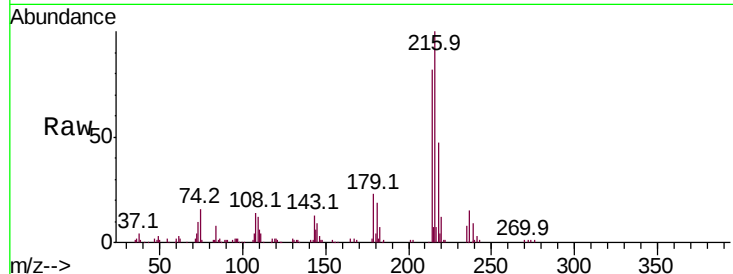
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.265 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampled :
 PB111837BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.4	63.0	94.4	
179	20.2	17.0	25.6	
108	17.2	12.8	19.2	

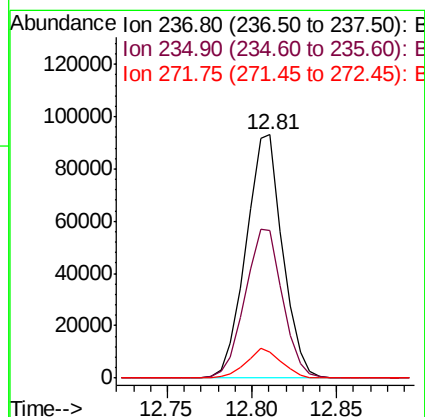
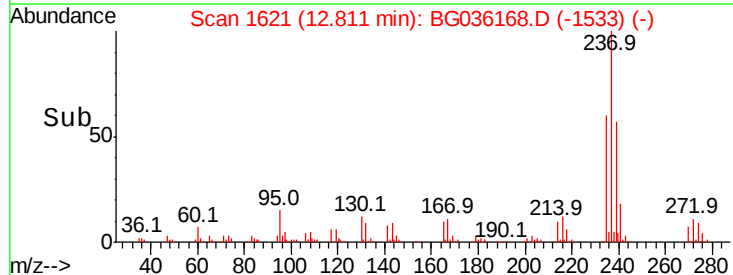
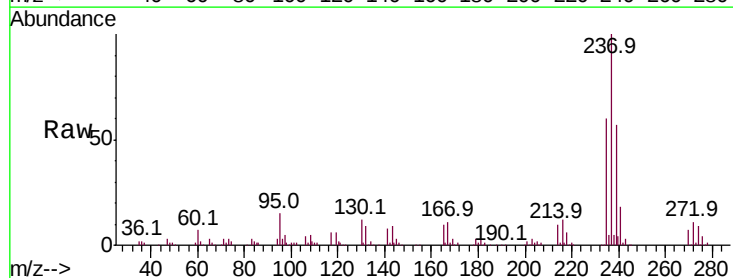
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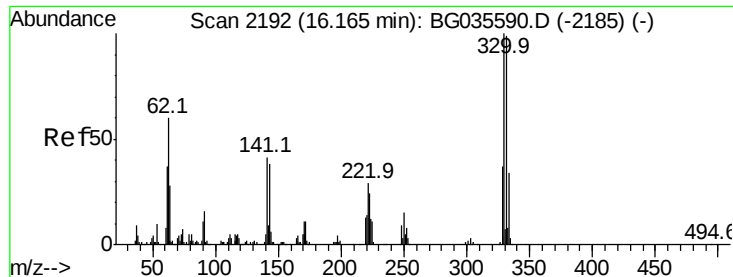
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#40
 Hexachlorocyclopentadiene
 Concen: 104.032 ng
 RT: 12.81 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.4	50.4	90.4	
272	10.6	0.0	31.8	





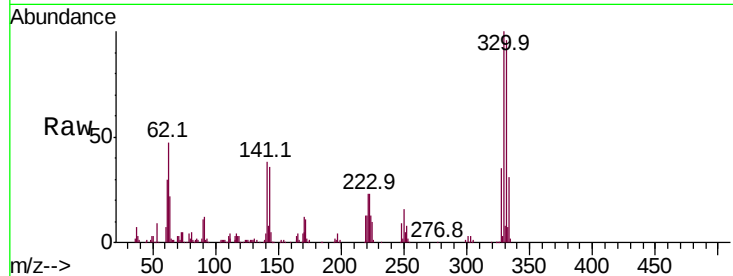
#41
 2,4,6-Tribromophenol
 Concen: 162.347 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111837BS

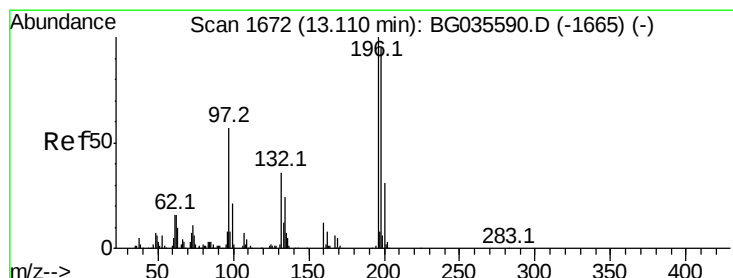
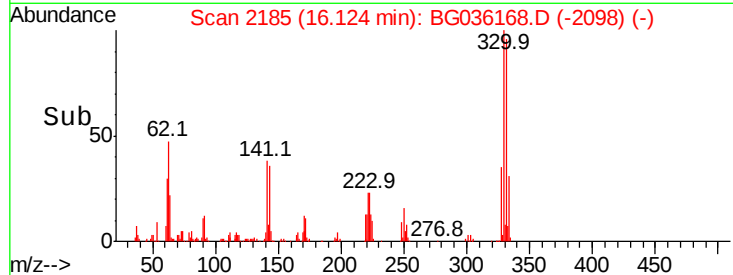
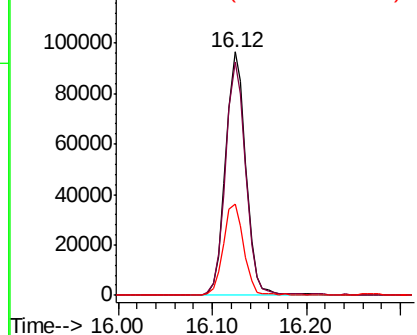
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	77.0	115.6	
141	37.7	25.2	37.8	

Manual Integrations
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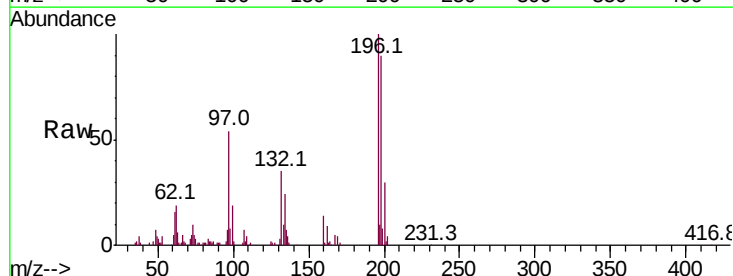


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

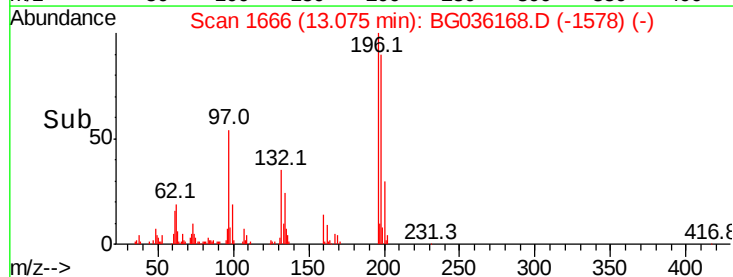
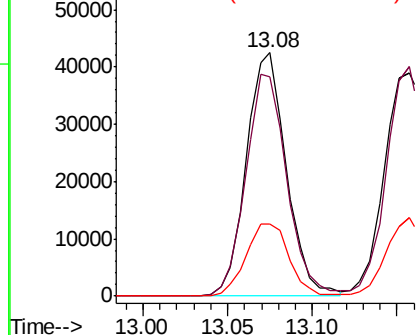


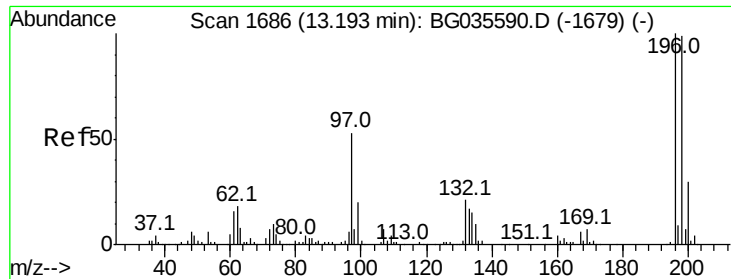
#42
 2,4,6-Trichlorophenol
 Concen: 46.653 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	90.0	78.2	117.2	
200	29.5	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





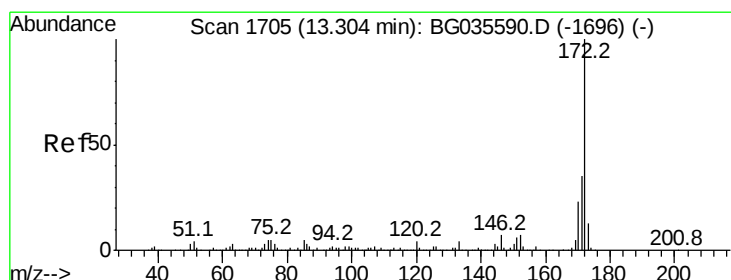
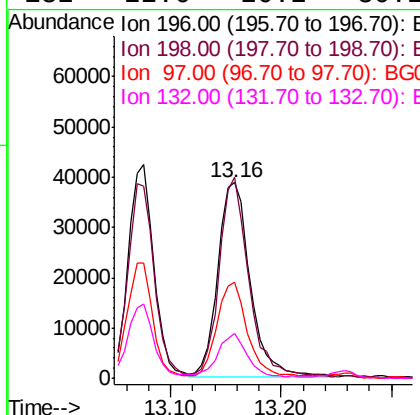
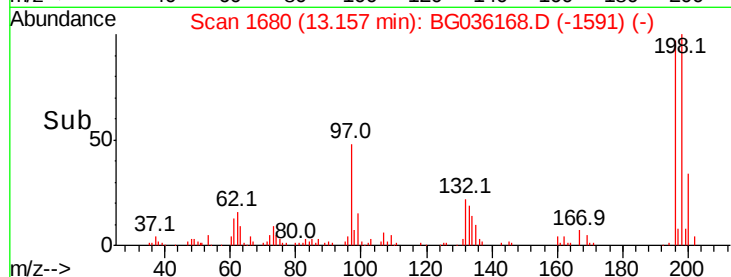
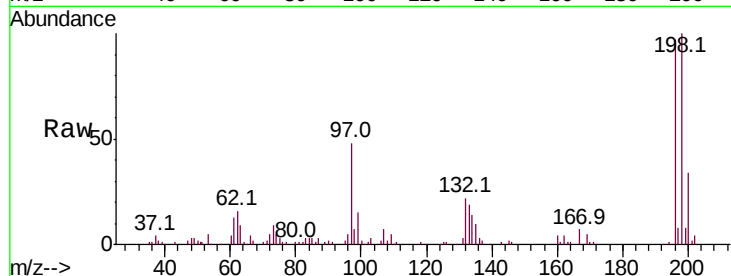
#43
 2,4,5-Trichlorophenol
 Concen: 47.002 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111837BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	79112		
198	103.0	76.2	114.4	
97	49.4	38.7	58.1	
132	22.6	20.2	30.2	

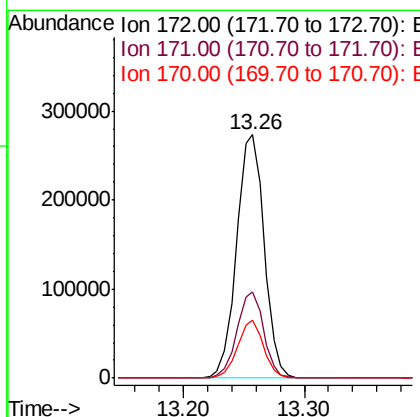
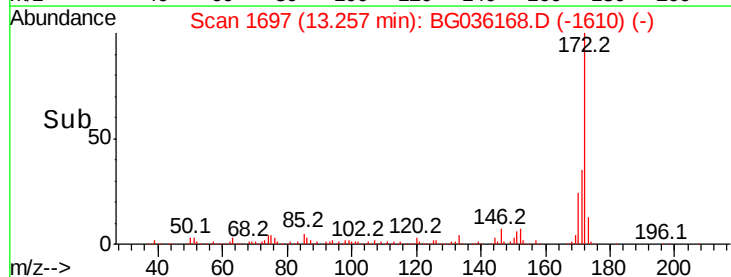
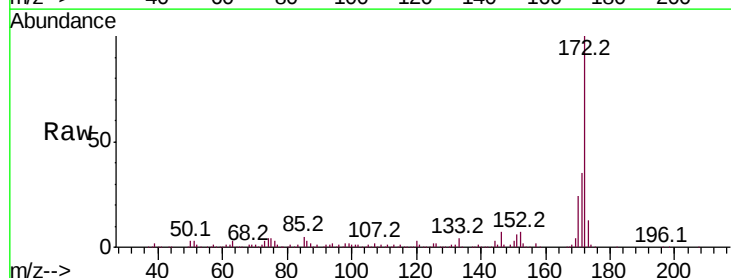
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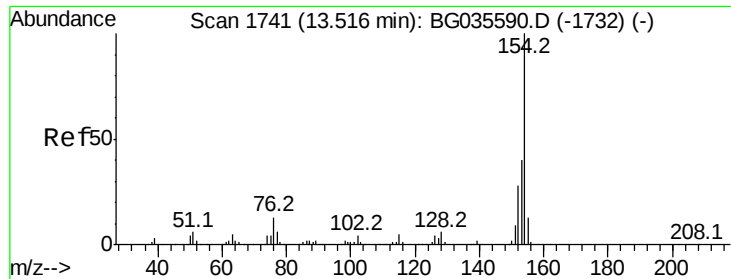
Sohil
 8/8/2018 5:34:34 PM



#44
 2-Fluorobiphenyl
 Concen: 85.265 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	433823		
171	35.1	30.0	45.0	
170	23.9	19.5	29.3	





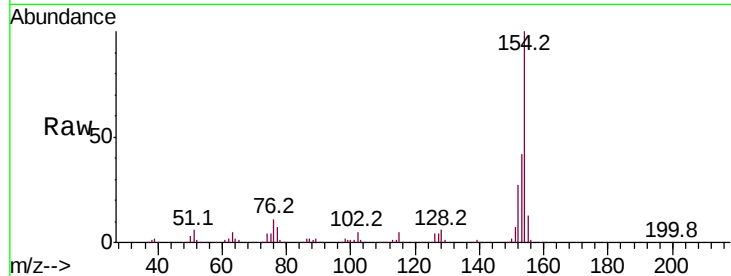
#45
 1,1'-Biphenyl
 Concen: 41.517 ng
 RT: 13.47 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111837BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	19.8	59.8
76	11.3	0.0	31.9

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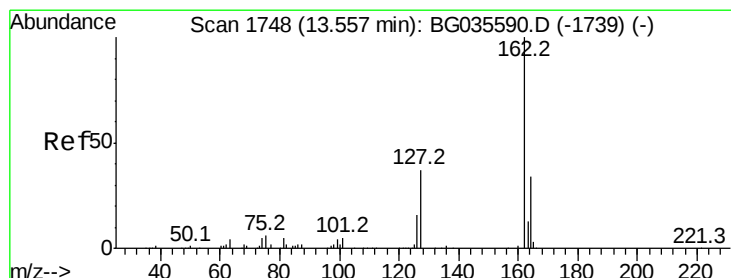
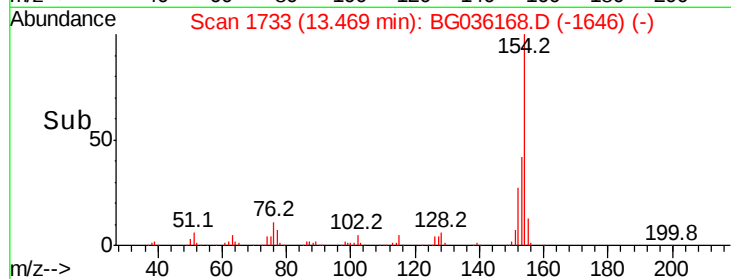
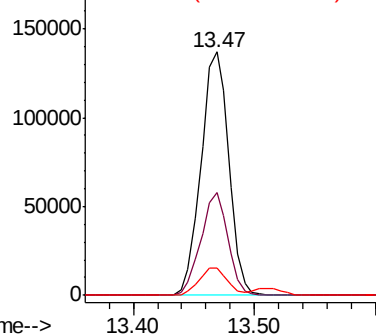


Abundance

Ion 154.00 (153.70 to 154.70): E

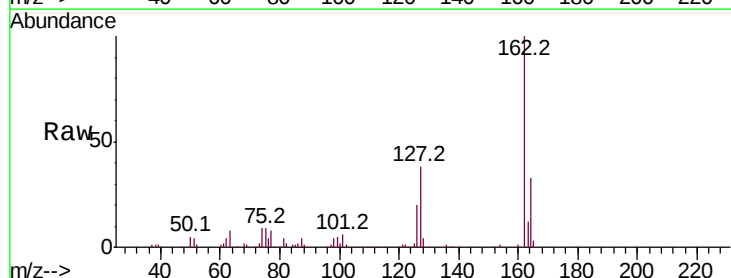
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 42.299 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.7	46.1
164	32.7	26.0	39.0

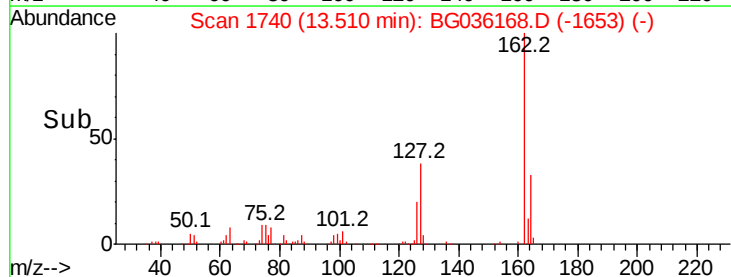
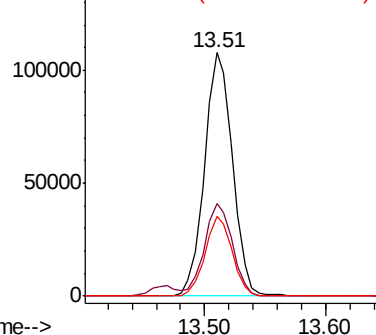


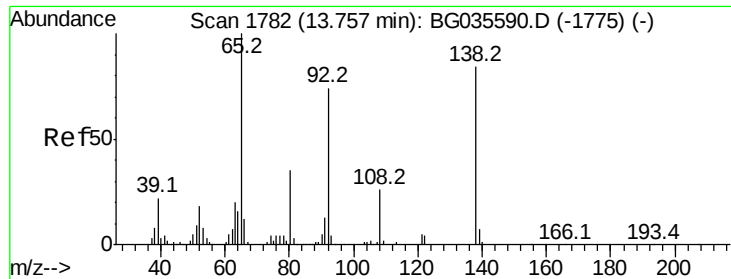
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.835 ng

RT: 13.72 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

ClientSampleId :

PB111837BS

Tot Ion: 65 Resp: 60798

Ion Ratio Lower Upper

65 100

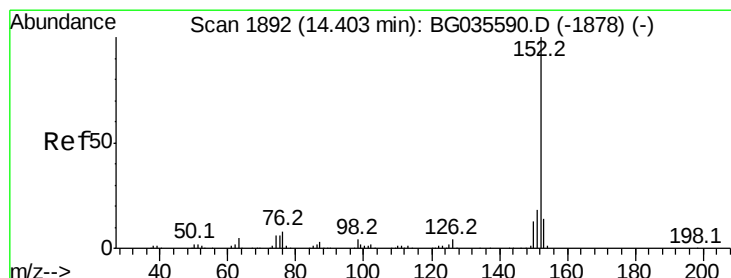
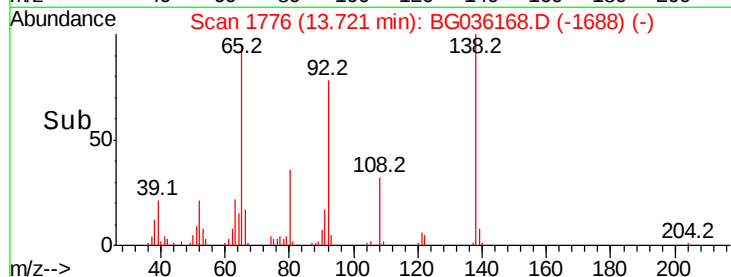
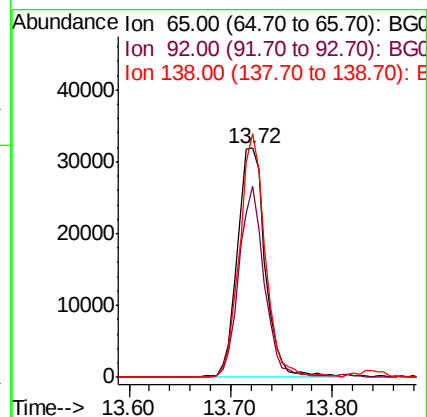
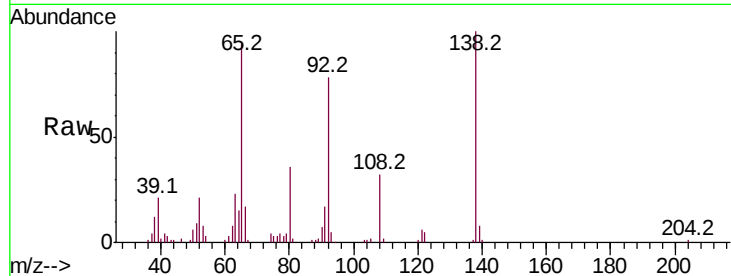
92 83.3 54.6 82.0#

138 106.2 72.9 109.3

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#48

Acenaphthylene

Concen: 42.528 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

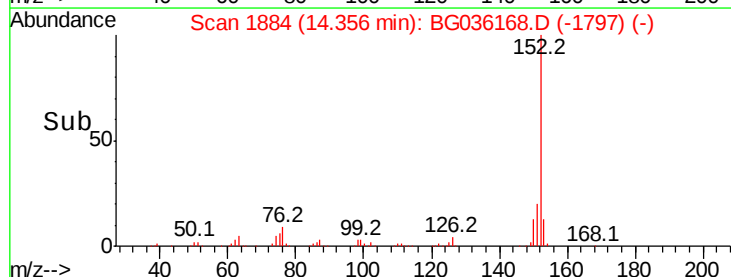
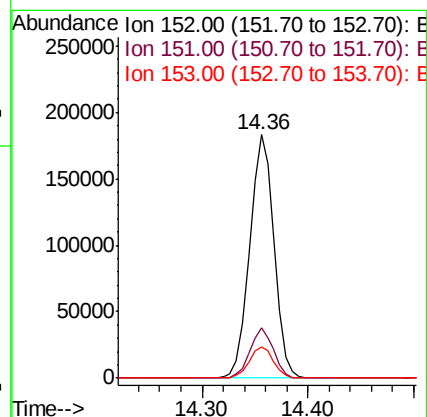
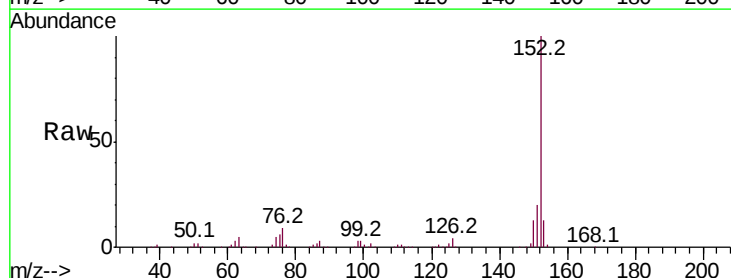
Tgt Ion: 152 Resp: 292847

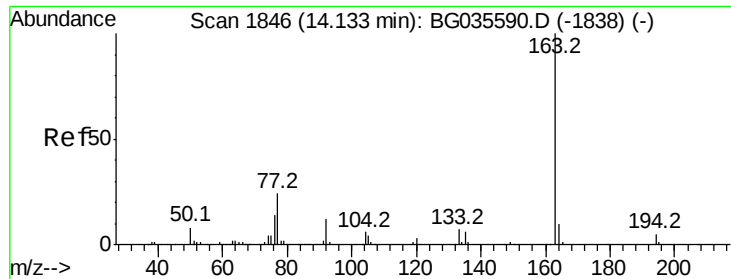
Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

153 12.9 10.2 15.4





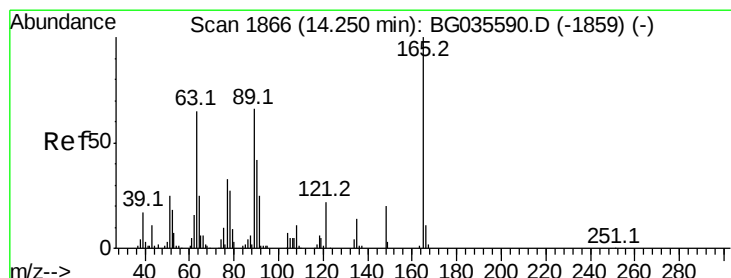
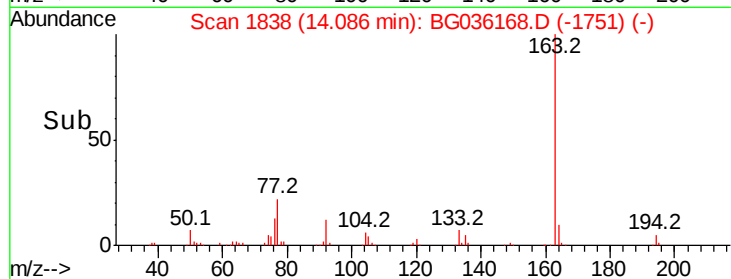
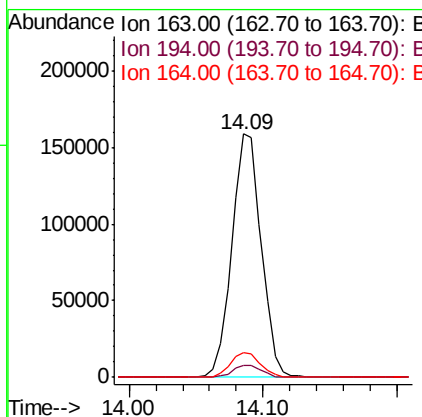
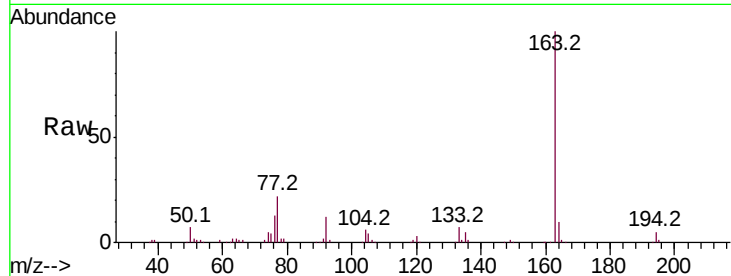
#49
Dimethylphthalate
Concen: 40.631 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion:	163	Resp:	242657
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.2
164	10.2	8.2	12.4

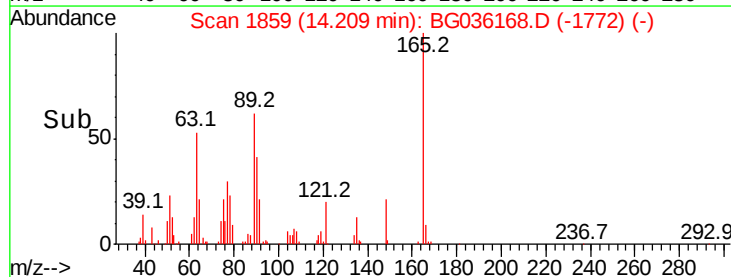
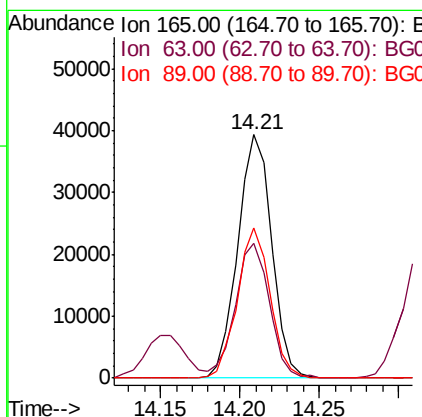
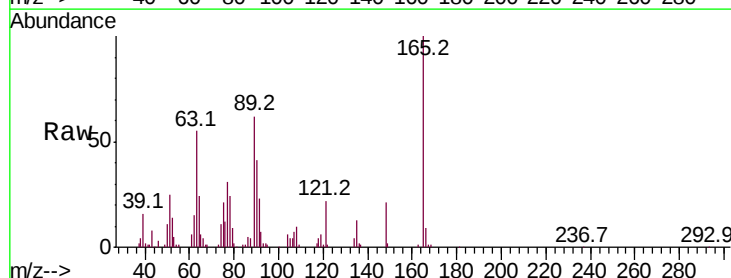
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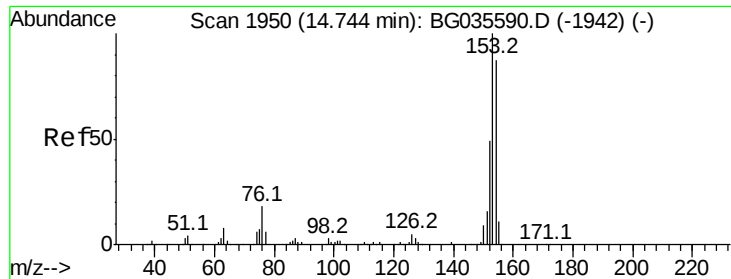
Sohil
8/8/2018 5:34:34 PM



#50
2,6-Dinitrotoluene
Concen: 47.971 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion:	165	Resp:	58341
Ion Ratio	Lower	Upper	
165	100		
63	55.4	52.7	79.1
89	61.5	49.2	73.8





#51

Acenaphthene

Concen: 38.875 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

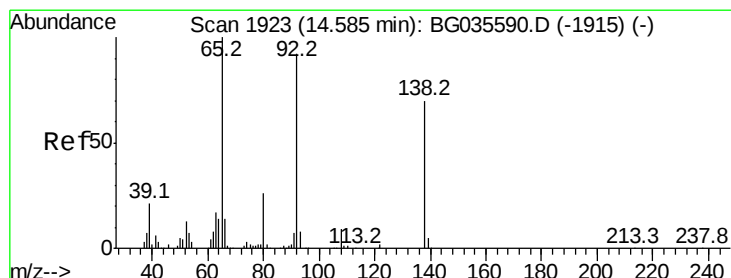
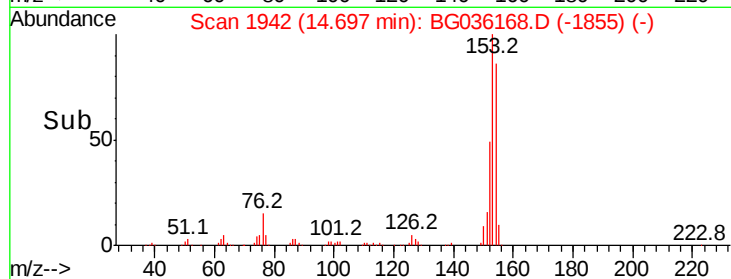
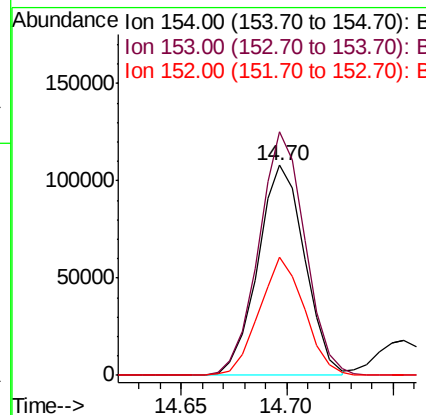
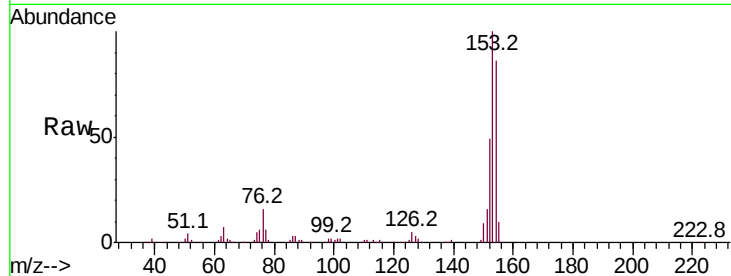
ClientSampleId :

PB111837BS

Tot Ion:	154	Resp:	166755
Ion Ratio	Lower	Upper	
154	100		
153	116.0	90.4	135.6
152	56.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 30.753 ng

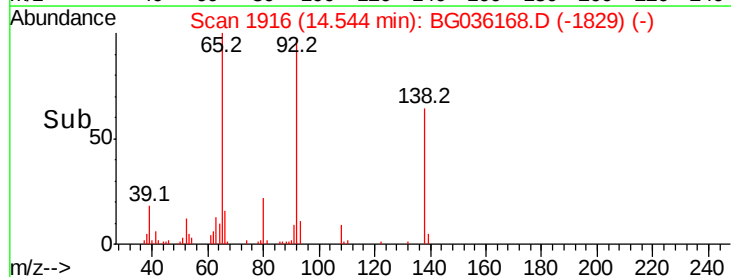
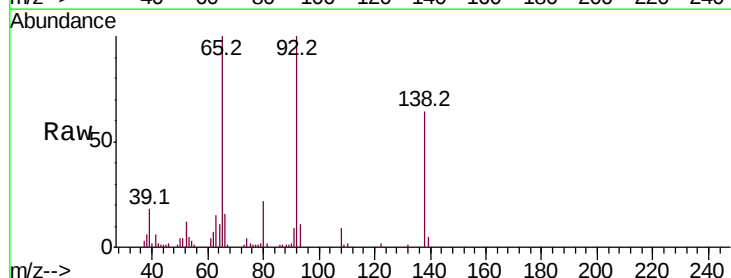
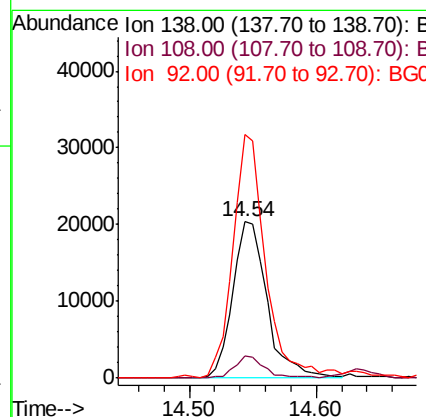
RT: 14.54 min Scan# 1916

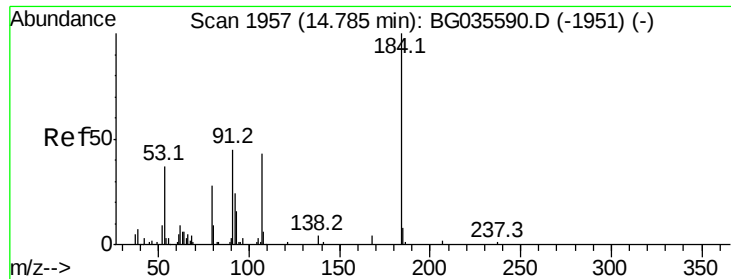
Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:	138	Resp:	38227
Ion Ratio	Lower	Upper	
138	100		
108	14.1	17.5	26.3#
92	156.0	105.8	158.8





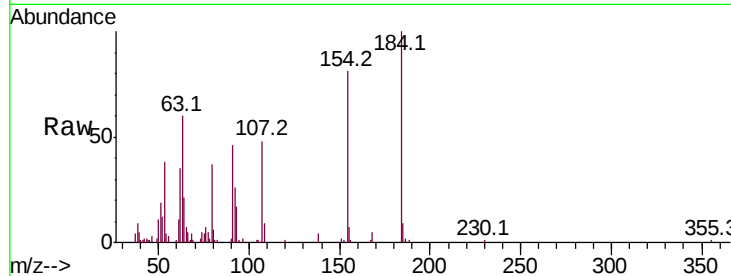
#53
2,4-Dinitrophenol
Concen: 74.912 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.2	59.8	89.8	
154	81.2	101.8	152.8	

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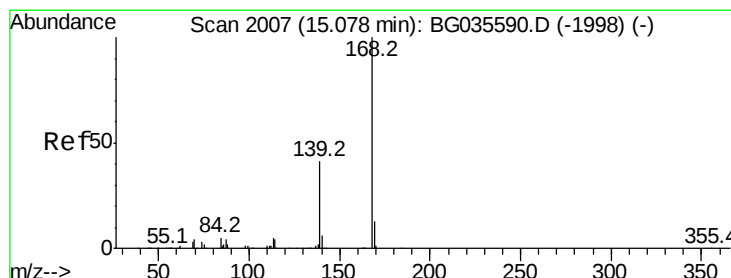
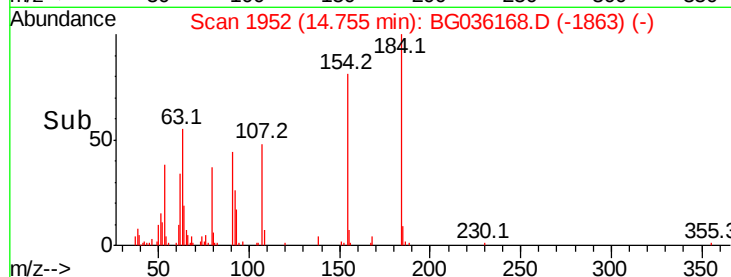
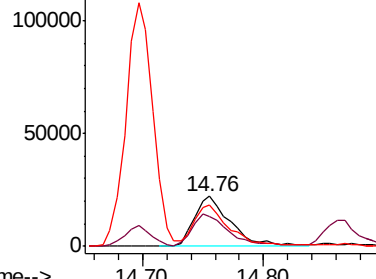


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 42.610 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

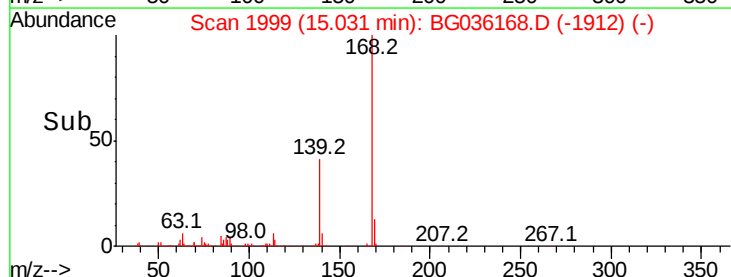
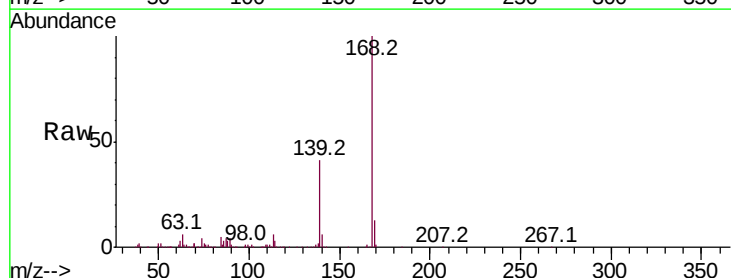
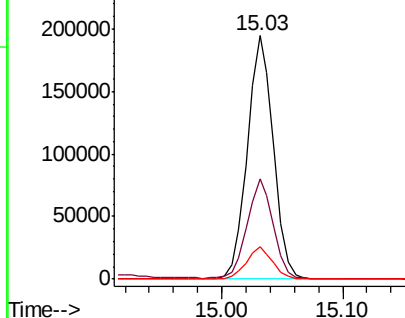
Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.1	28.6	43.0	
169	13.3	11.2	16.8	

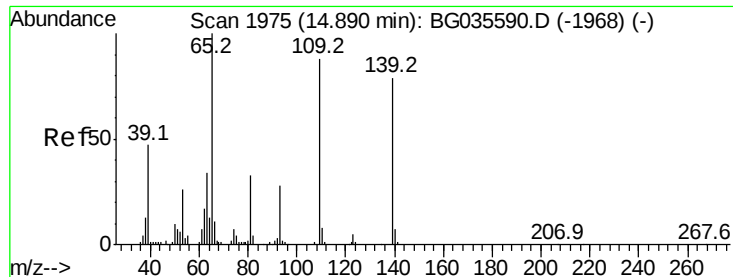
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





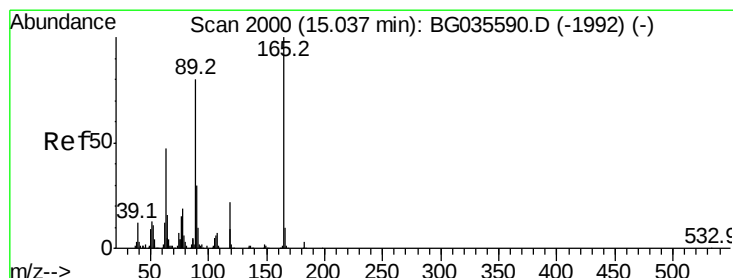
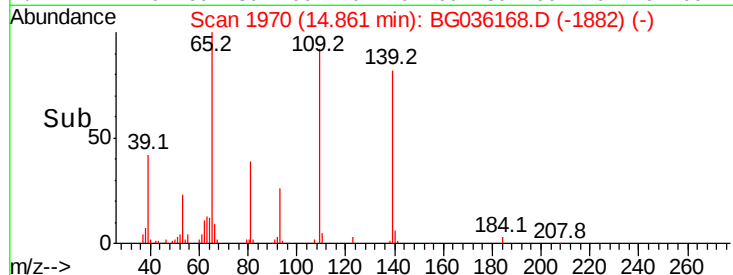
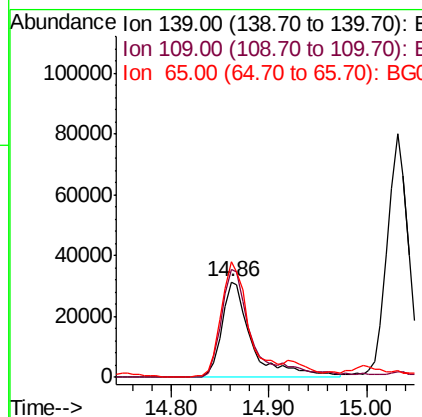
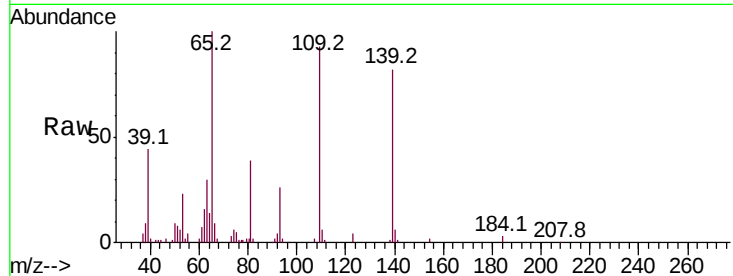
#55
4-Nitrophenol
Concen: 75.523 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	112.6	62.2	102.2#	
65	121.2	97.2	137.2	

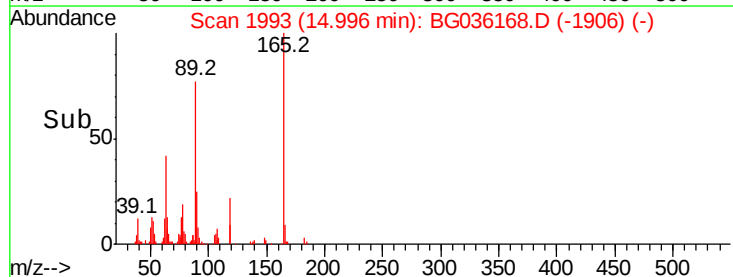
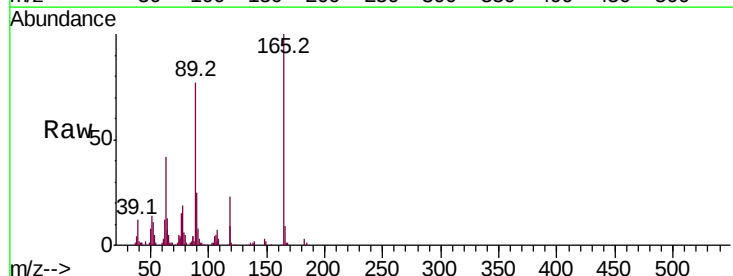
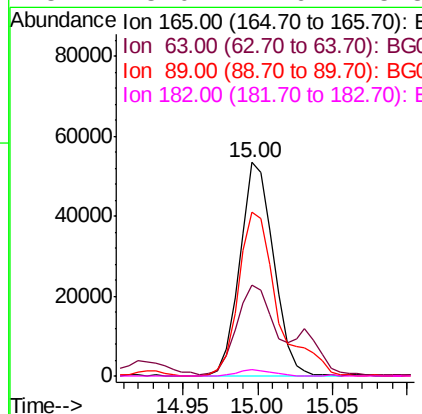
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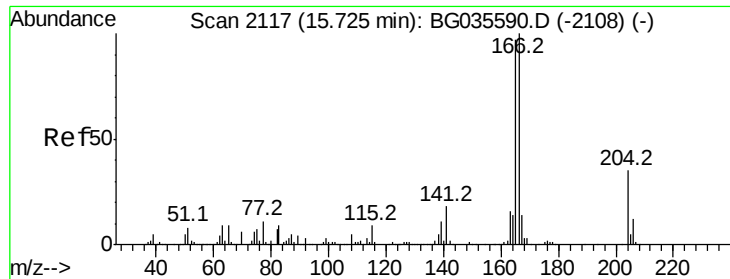
Sohil
8/8/2018 5:34:34 PM



#56
2,4-Dinitrotoluene
Concen: 47.924 ng
RT: 15.00 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.3	42.0	63.0	
89	76.9	66.9	100.3	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 42.833 ng

RT: 15.68 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

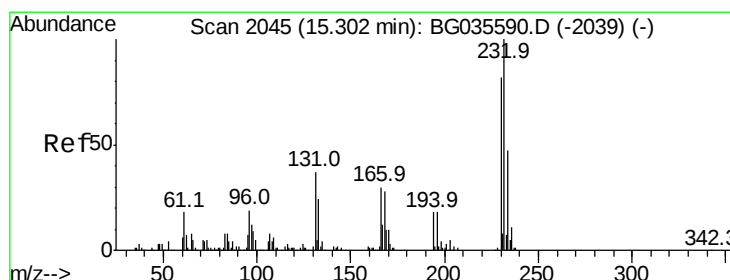
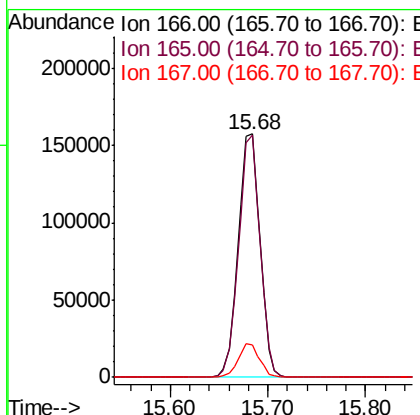
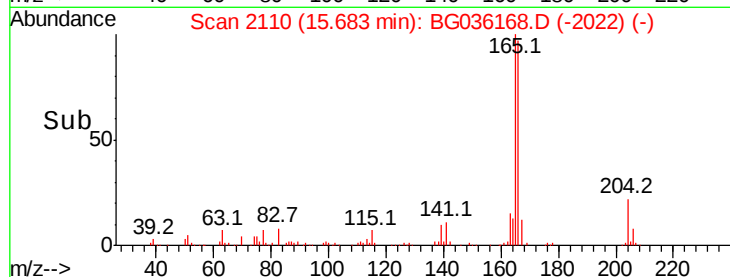
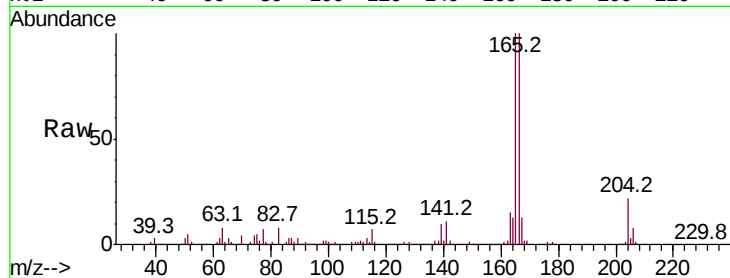
ClientSampleId :

PB111837BS

Tot Ion:	166	Resp:	244908
Ion Ratio	Lower	Upper	
166	100		
165	99.7	80.6	121.0
167	13.3	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.363 ng

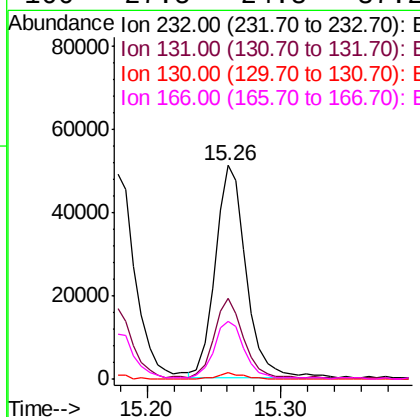
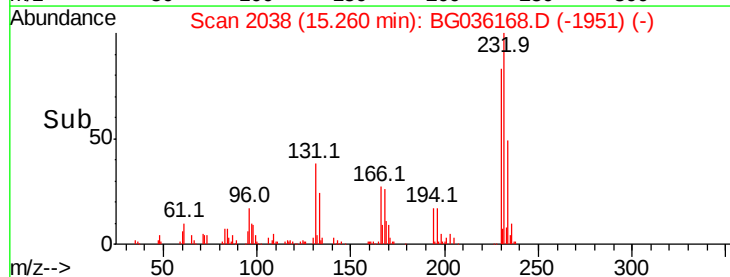
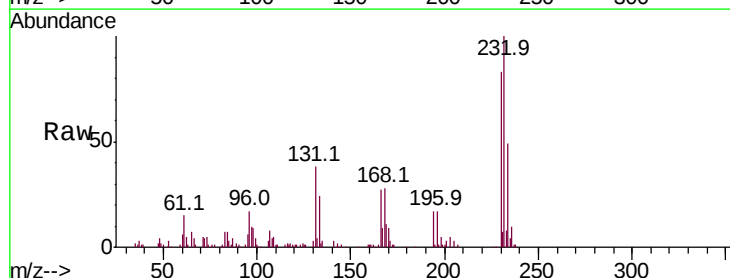
RT: 15.26 min Scan# 2038

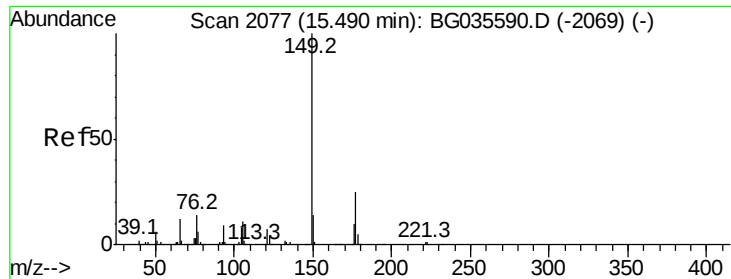
Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:	232	Resp:	82890
Ion Ratio	Lower	Upper	
232	100		
131	35.9	33.5	50.3
130	2.3	2.2	3.2
166	27.5	24.8	37.2





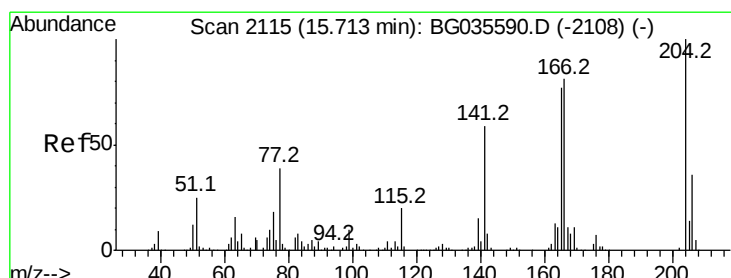
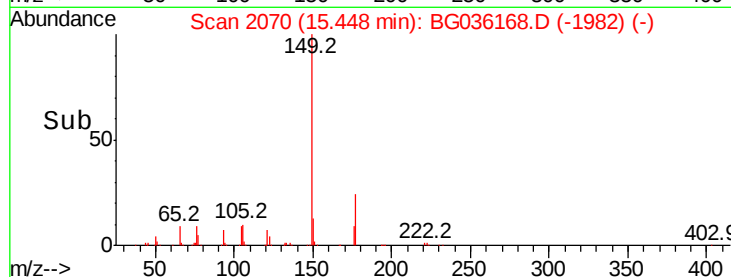
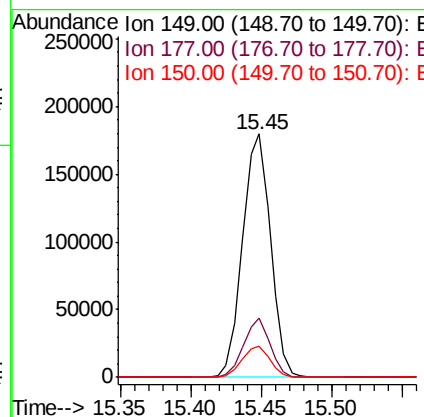
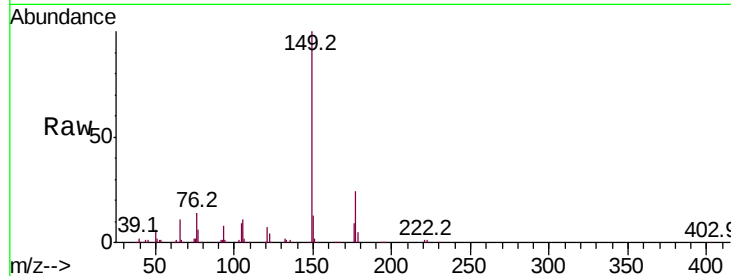
#59
Diethylphthalate
Concen: 40.586 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	249240		
177	24.1	18.5	27.7	
150	12.7	10.2	15.2	

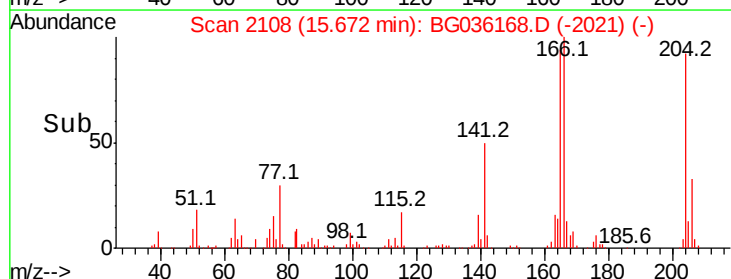
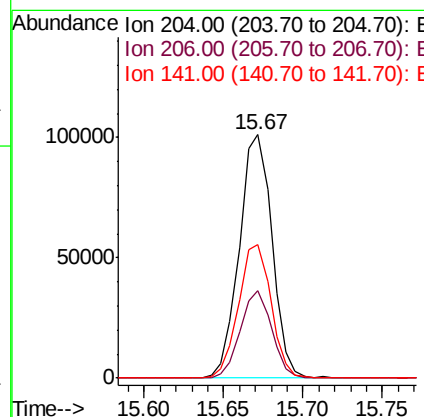
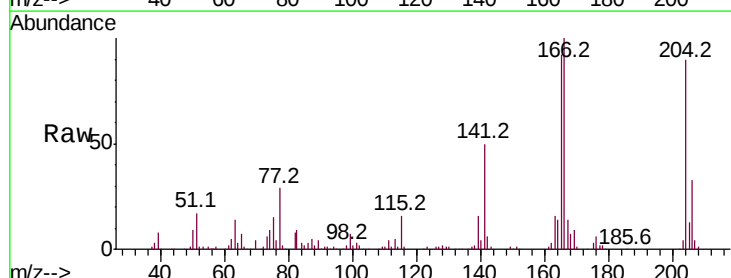
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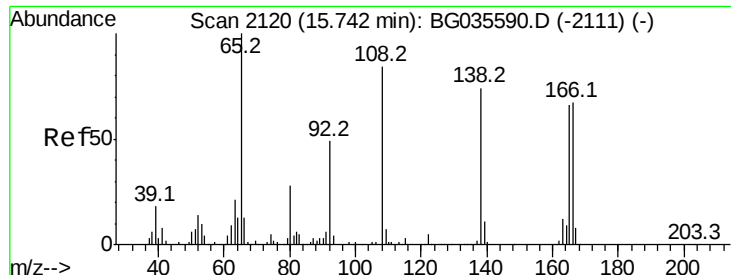
Sohil
8/8/2018 5:34:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.992 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	144478		
206	36.2	26.2	39.2	
141	54.9	45.8	68.6	





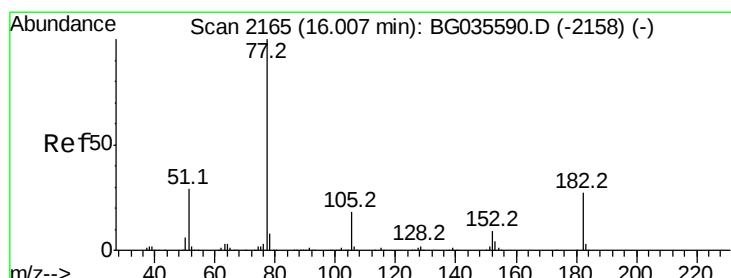
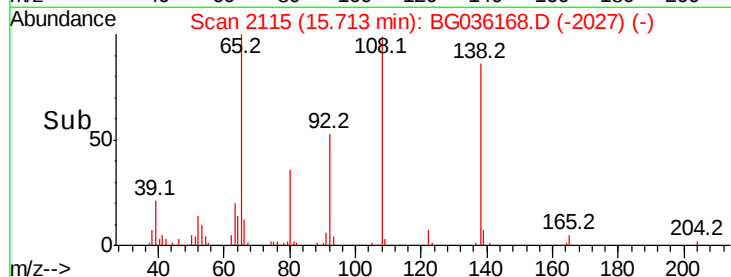
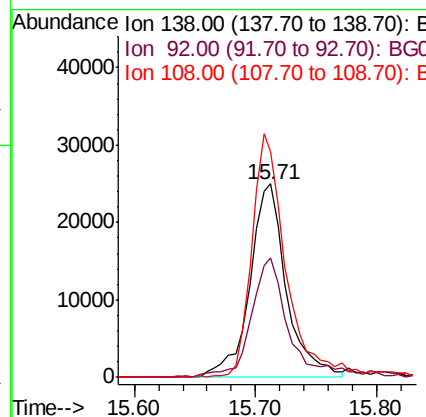
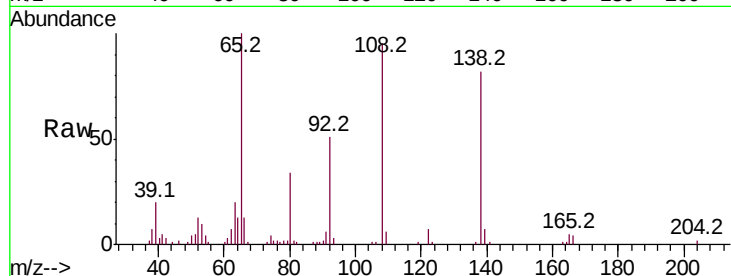
#61
4-Nitroaniline
Concen: 40.410 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.9	40.1	80.1
108	116.7	65.4	105.4

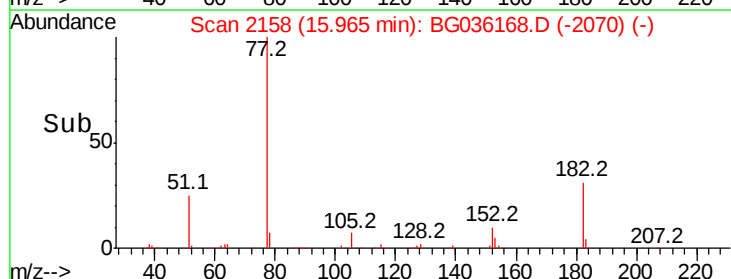
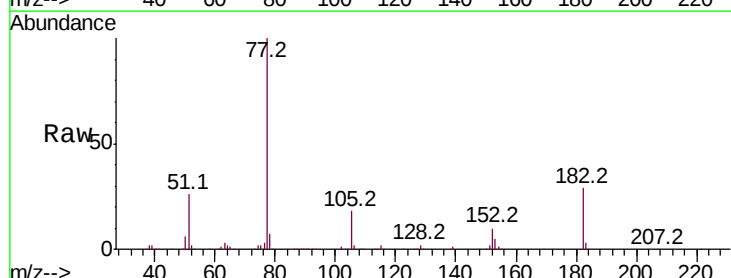
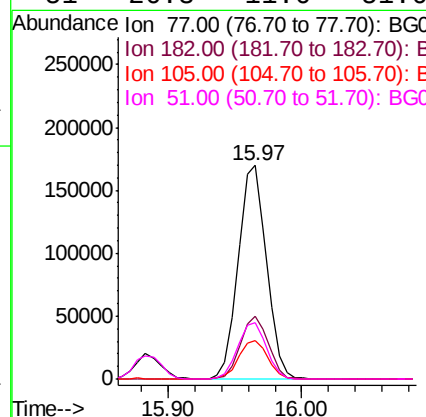
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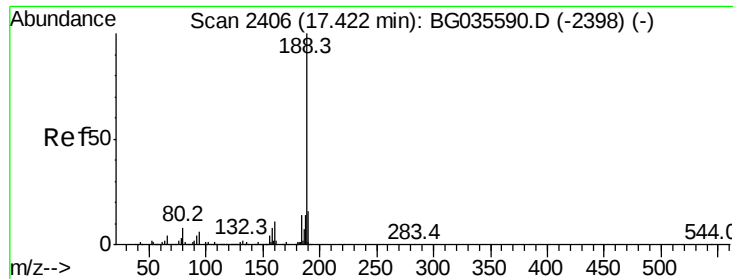
Sohil
8/8/2018 5:34:34 PM



#62
Azobenzene
Concen: 41.383 ng
RT: 15.97 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	7.4	47.4
105	18.2	0.3	40.3
51	26.3	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

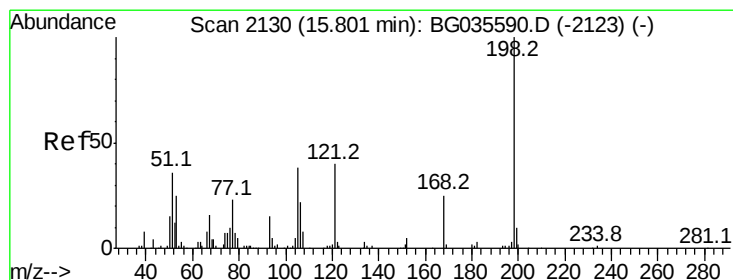
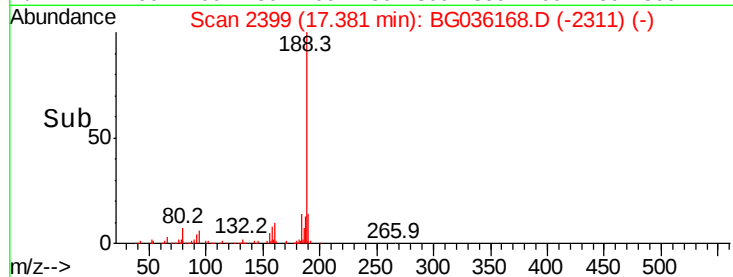
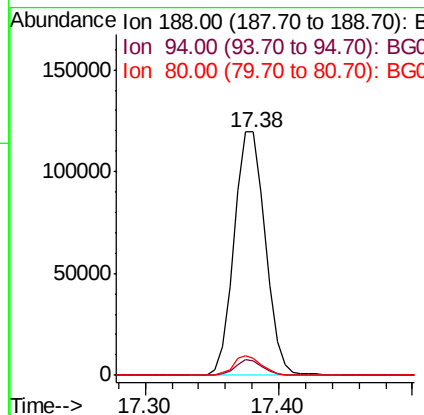
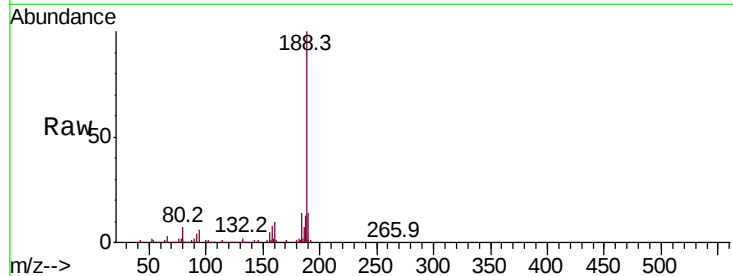
ClientSampleId :

PB111837BS

Tot Ion:	188	Resp:	194589
Ion Ratio	Lower	Upper	
188	100		
94	6.1	6.9	10.3#
80	7.0	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.686 ng

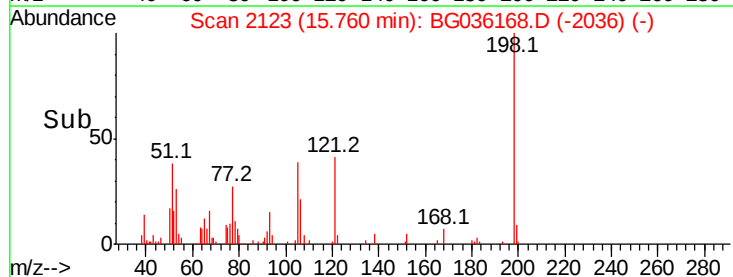
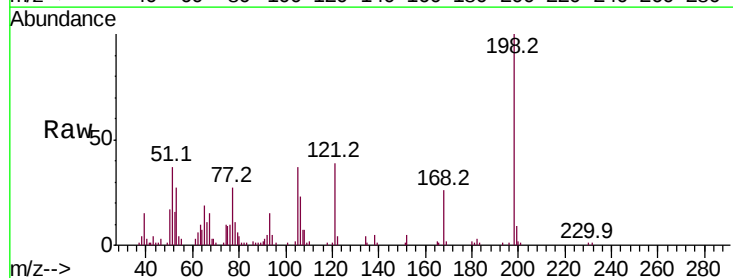
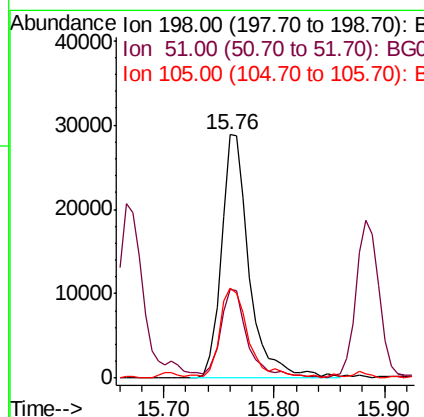
RT: 15.76 min Scan# 2123

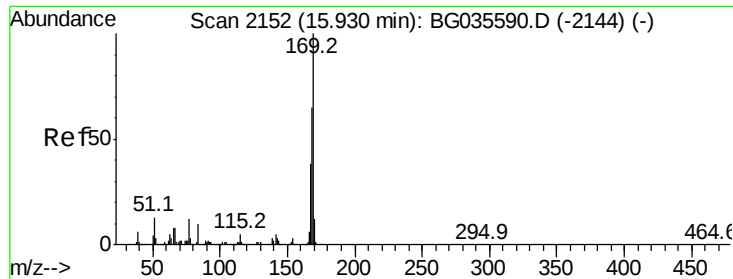
Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:	198	Resp:	50571
Ion Ratio	Lower	Upper	
198	100		
51	36.7	30.6	70.6
105	37.1	23.8	63.8





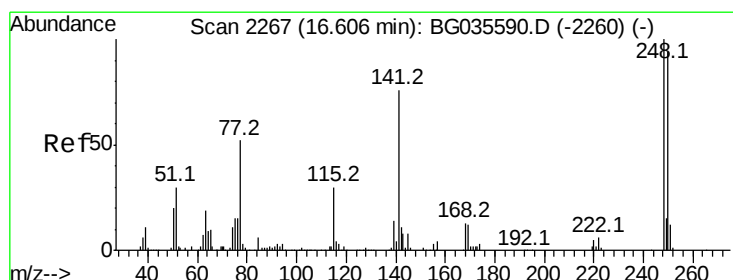
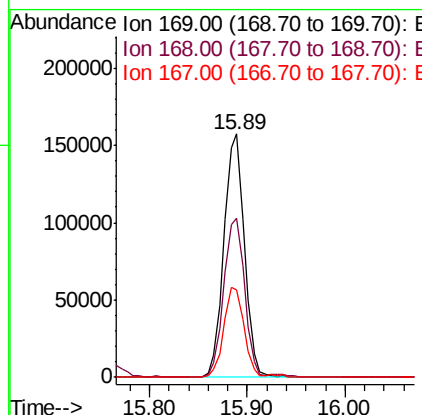
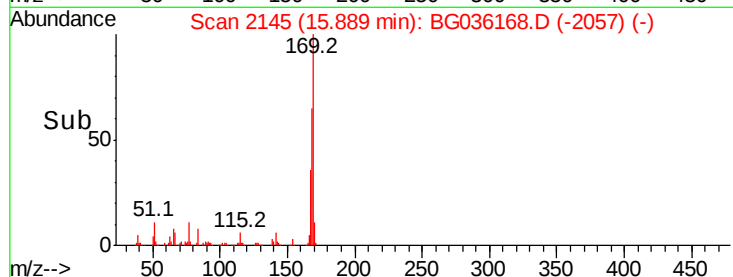
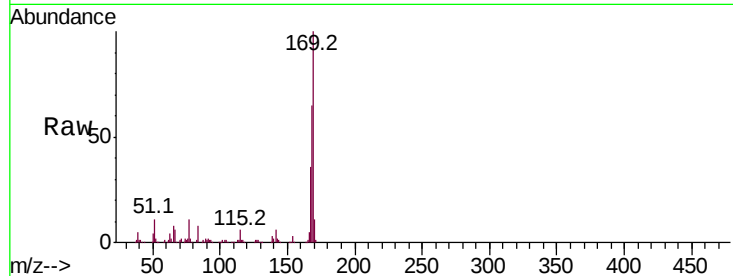
#65
n-Nitrosodiphenylamine
Concen: 41.332 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.2	55.7	83.5	
167	35.9	30.1	45.1	

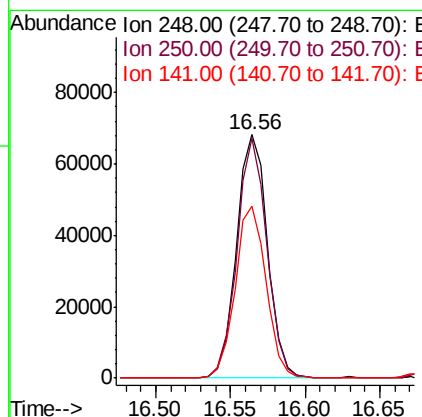
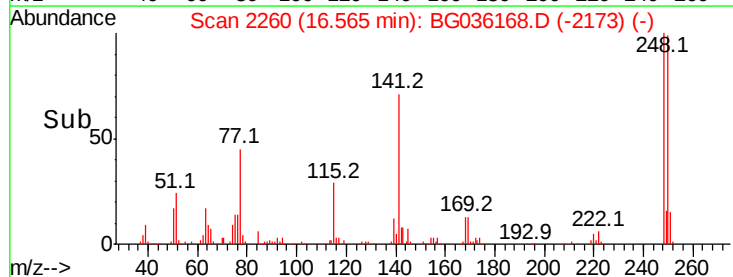
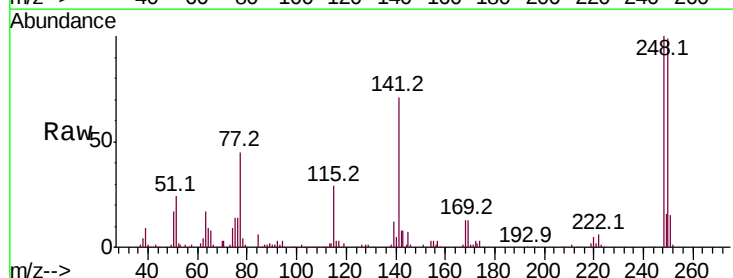
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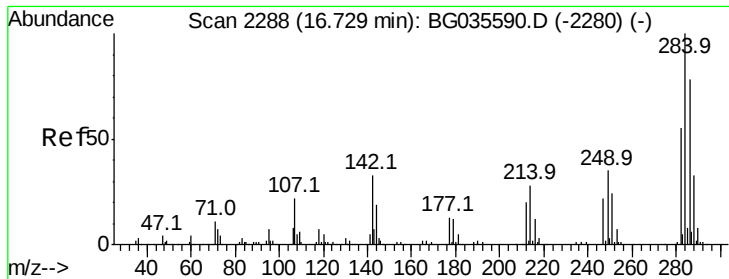
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#66
4-Bromophenyl-phenylether
Concen: 43.474 ng
RT: 16.56 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.7	77.1	115.7	
141	70.7	50.8	76.2	





#67

Hexachlorobenzene

Concen: 43.658 ng

RT: 16.69 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

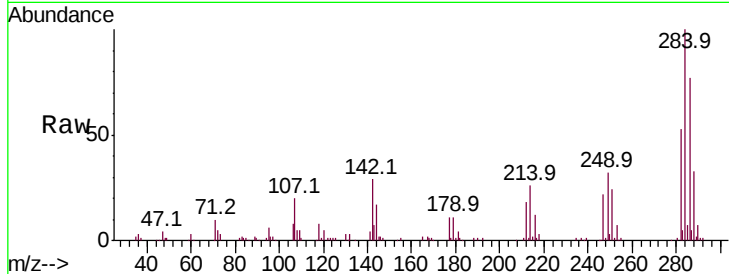
ClientSampleId :

PB111837BS

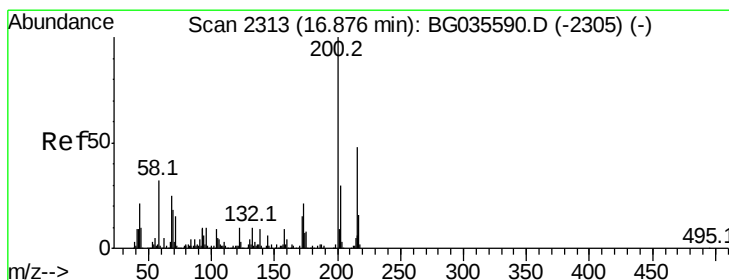
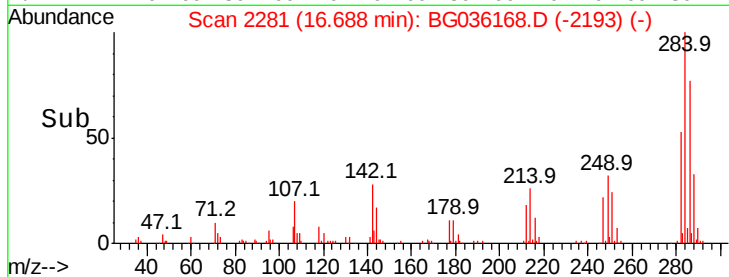
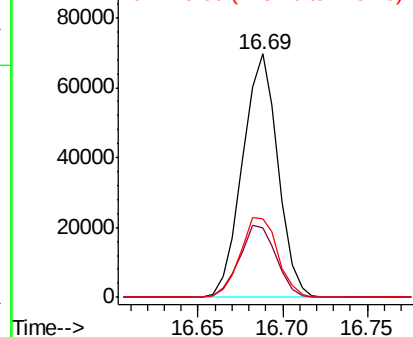
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.8	26.8	40.2	
249	32.3	26.3	39.5	

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



#68

Atrazine

Concen: 46.230 ng

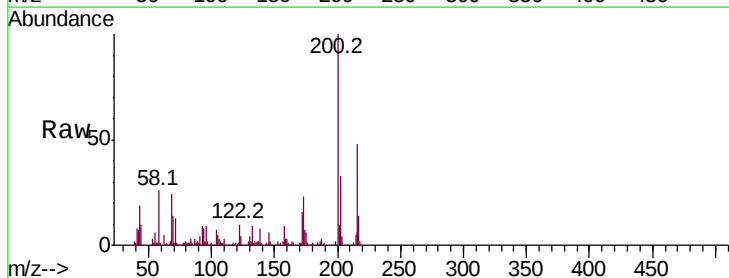
RT: 16.83 min Scan# 2306

Delta R.T. -0.01 min

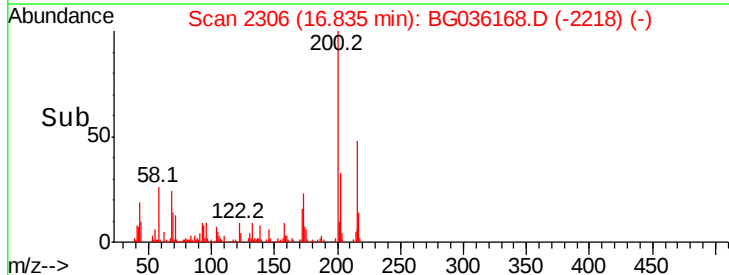
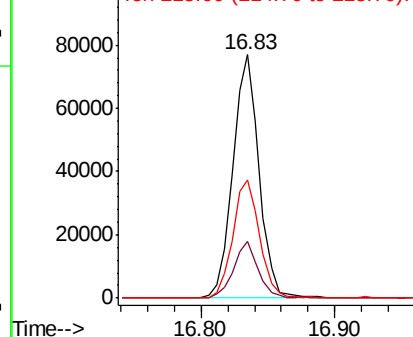
Lab File: BG036168.D

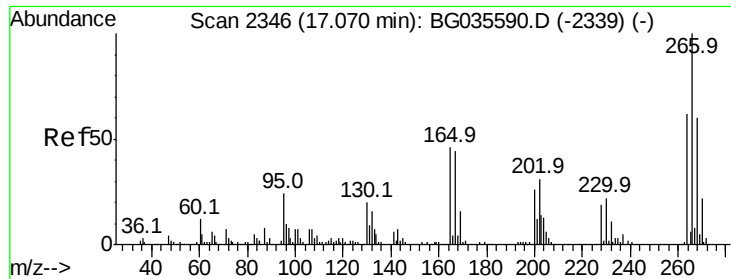
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.5	5.2	45.2	
215	48.5	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





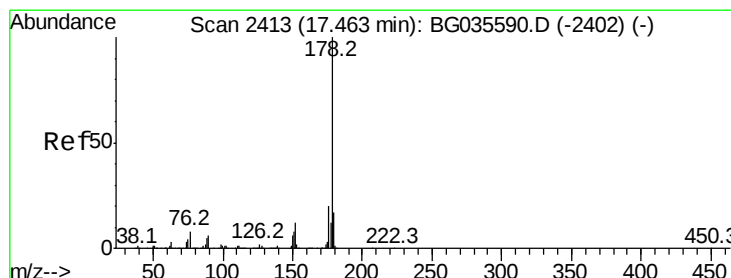
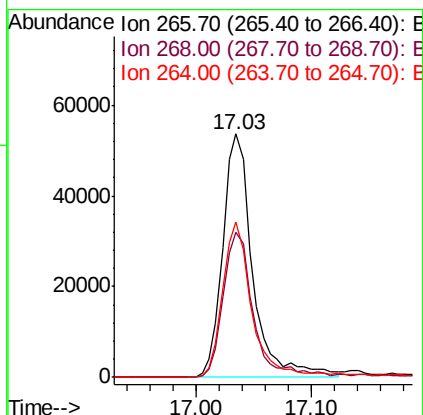
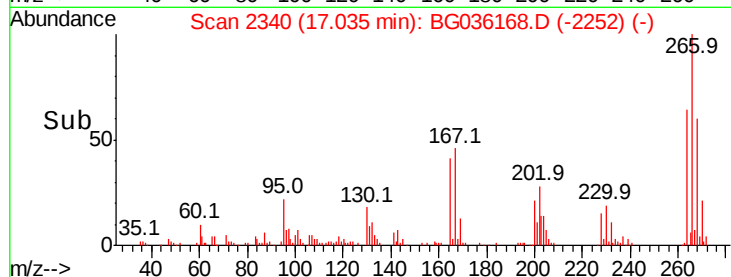
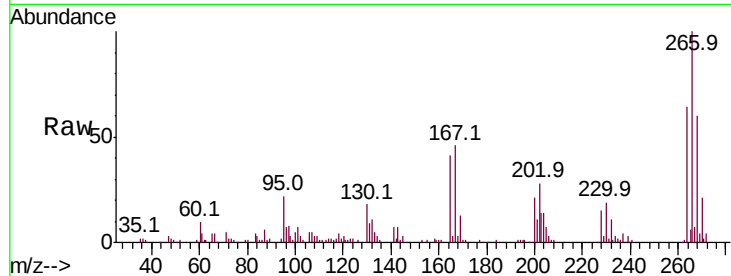
#69
 Pentachlorophenol
 Concen: 68.354 ng
 RT: 17.03 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampled :
 PB111837BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	96794		
268	59.8		51.1	76.7
264	63.9		49.6	74.4

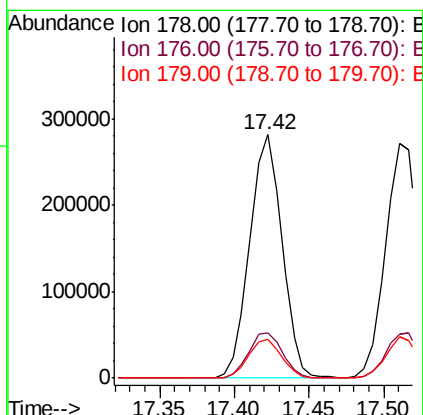
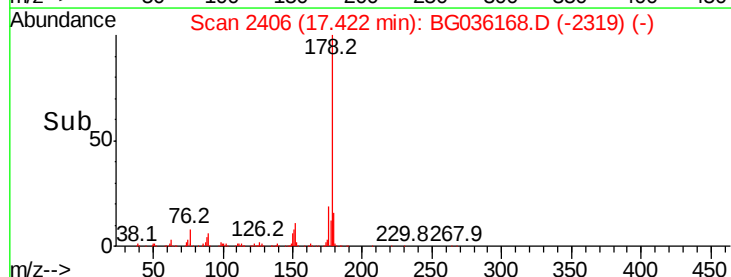
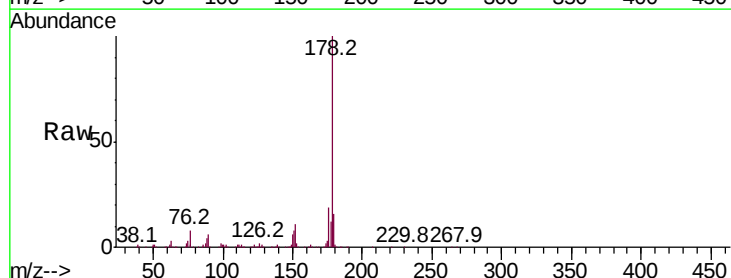
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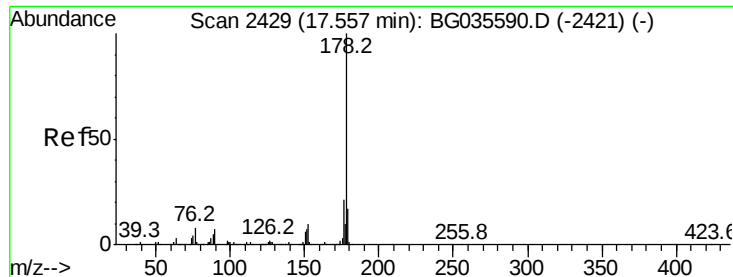
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#70
 Phenanthrene
 Concen: 43.460 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	421986		
176	18.8		15.7	23.5
179	15.9		12.5	18.7





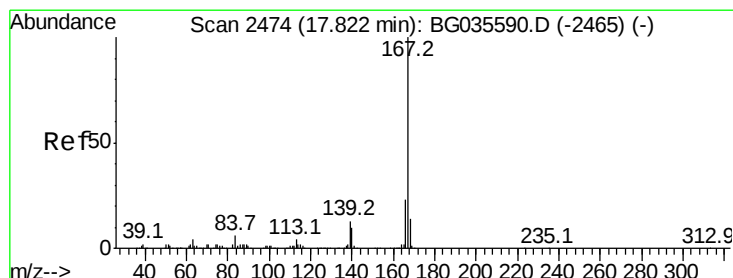
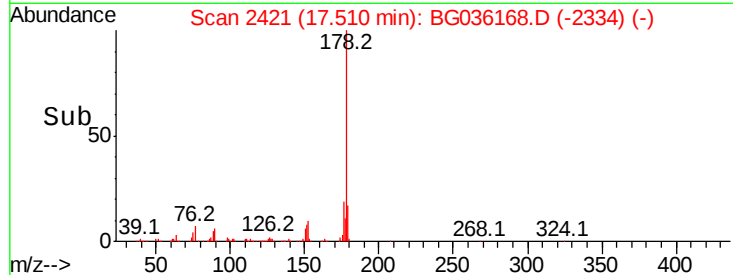
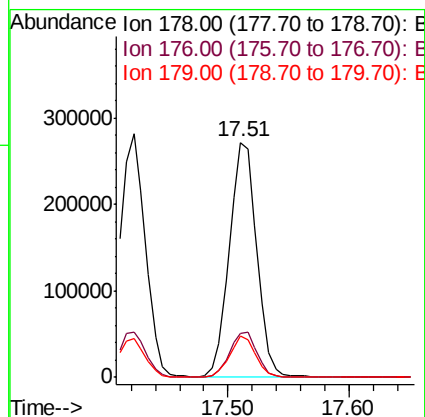
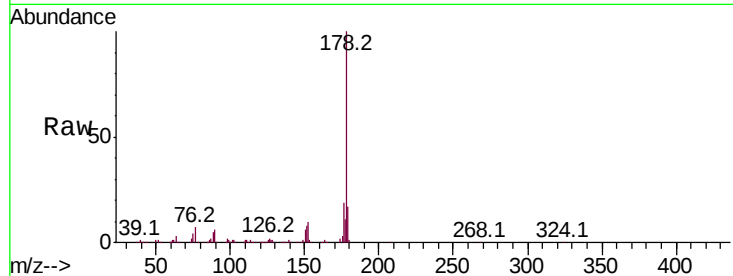
#71
 Anthracene
 Concen: 44.218 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111837BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	17.4	12.5	18.7

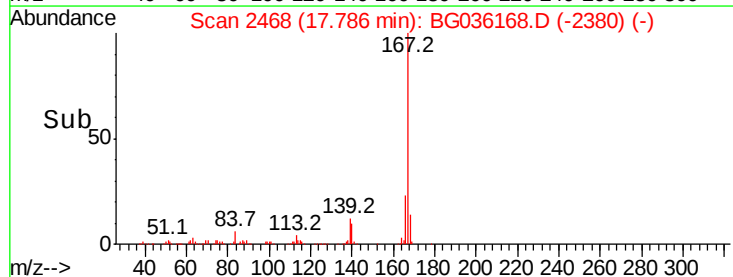
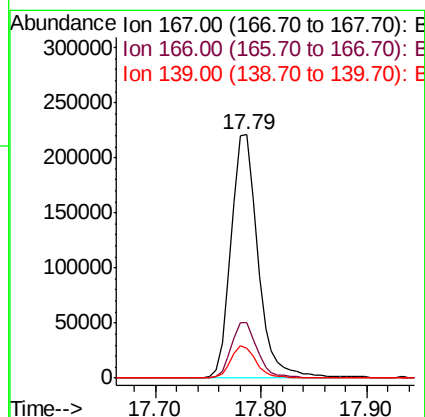
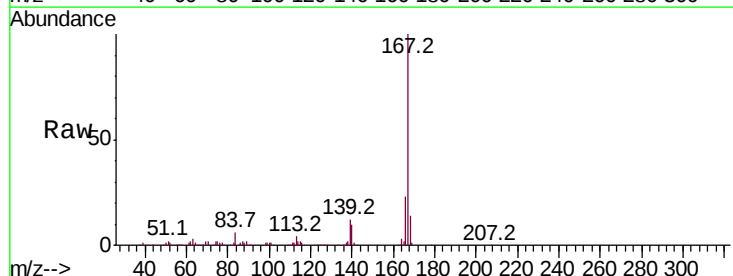
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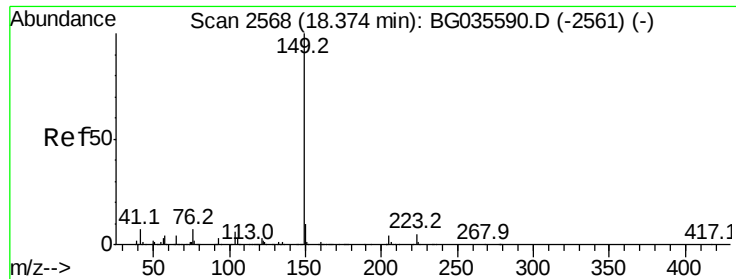
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#72
 Carbazole
 Concen: 42.454 ng
 RT: 17.79 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	12.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 41.437 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

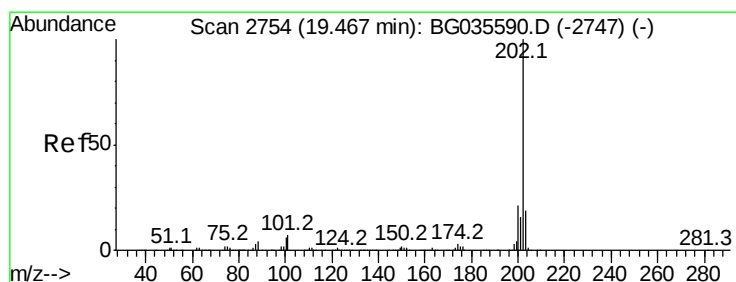
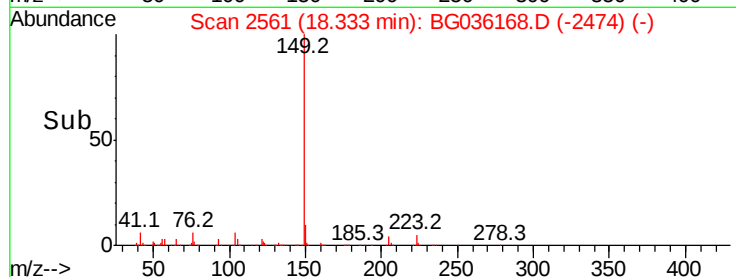
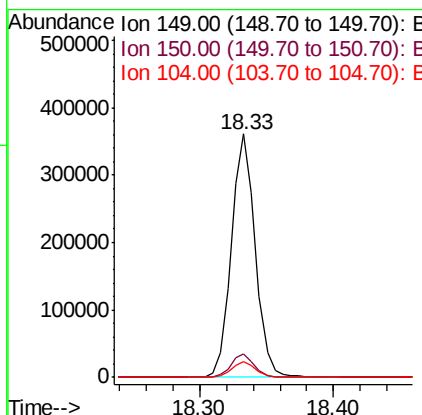
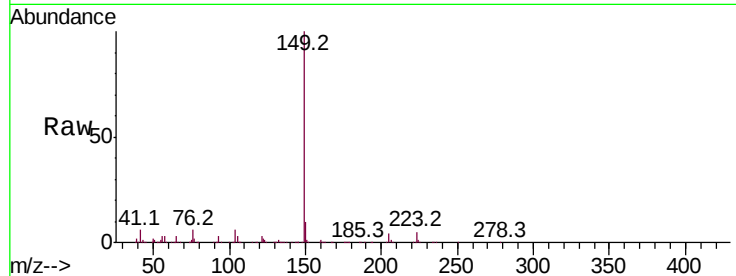
ClientSampleId :

PB111837BS

Tot Ion:	149	Resp:	449599
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	6.3	3.9	5.9#

Manual Integrations
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#74

Fluoranthene

Concen: 44.728 ng

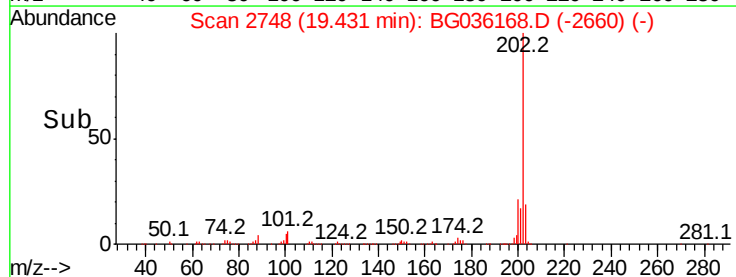
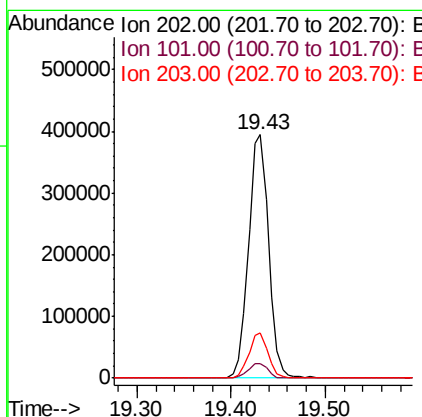
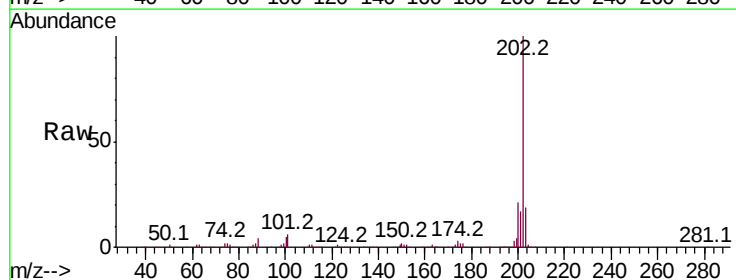
RT: 19.43 min Scan# 2748

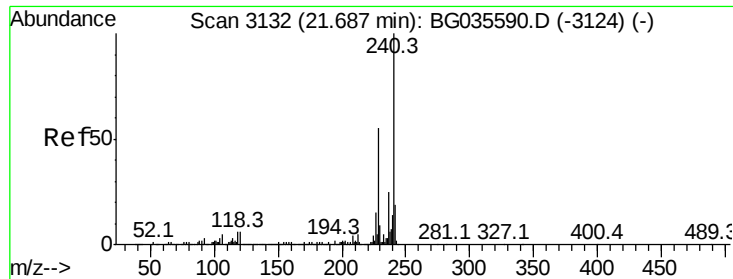
Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:	202	Resp:	584985
Ion Ratio	Lower	Upper	
202	100		
101	6.0	0.0	28.9
203	18.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

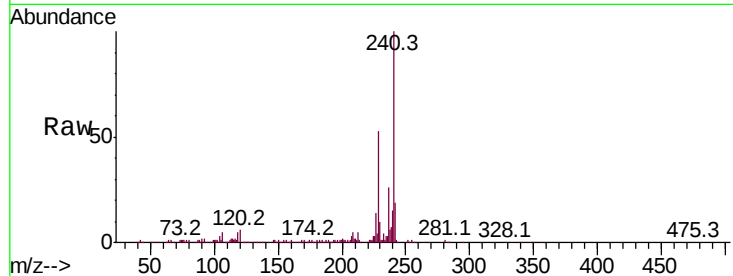
ClientSampleId :

PB111837BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	5.7	6.8	10.2	
236	25.9	20.9	31.3	

Manual Integrations
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Sohil
8/8/2018 5:34:34 PM

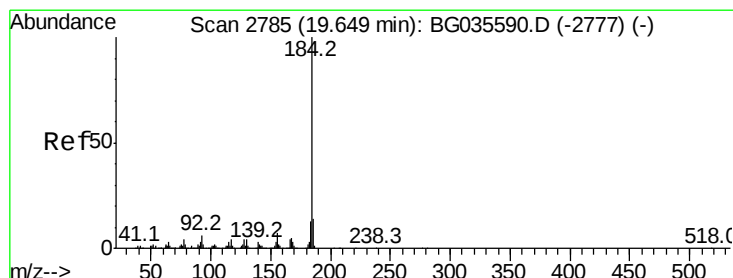
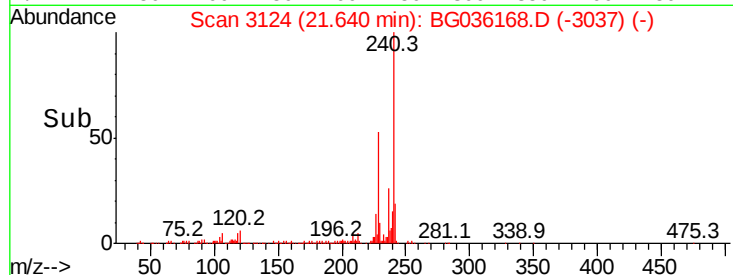
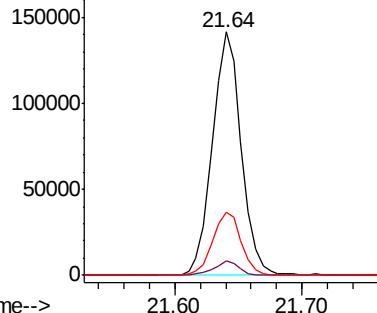


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.773 ng

RT: 19.61 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

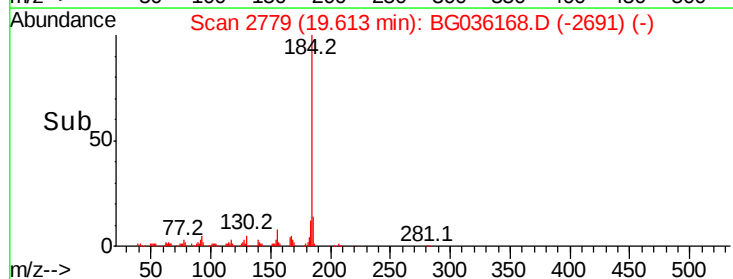
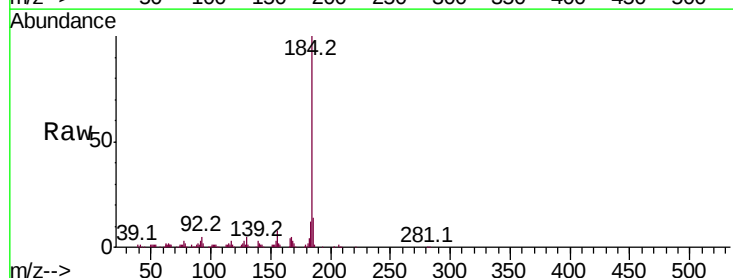
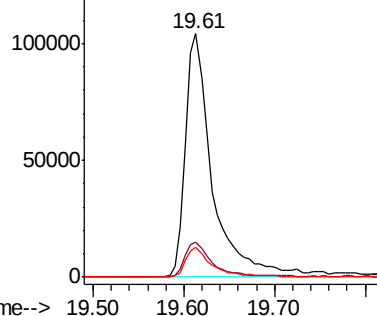
Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.2	11.1	16.7	
183	12.3	10.6	16.0	

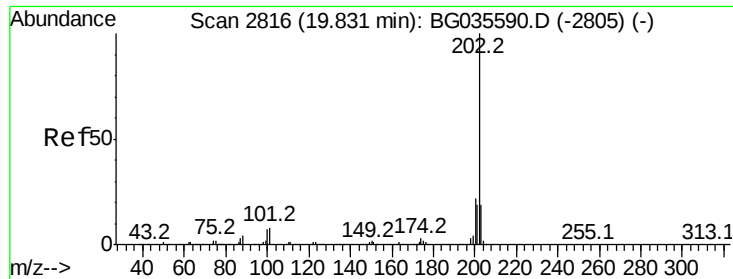
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





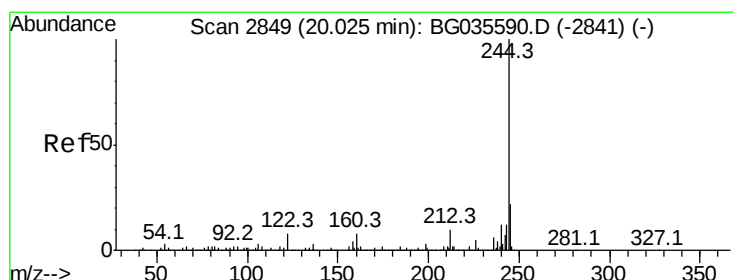
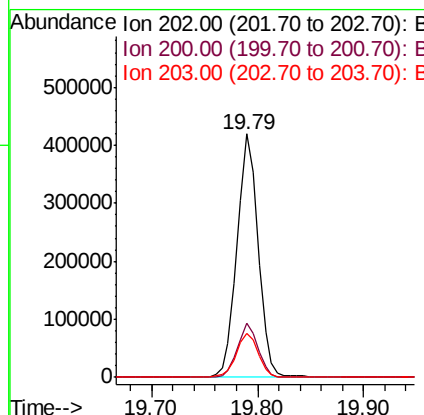
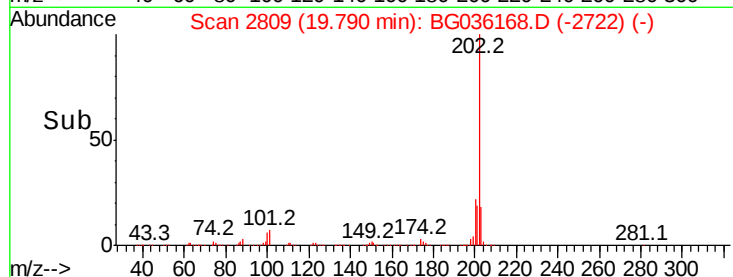
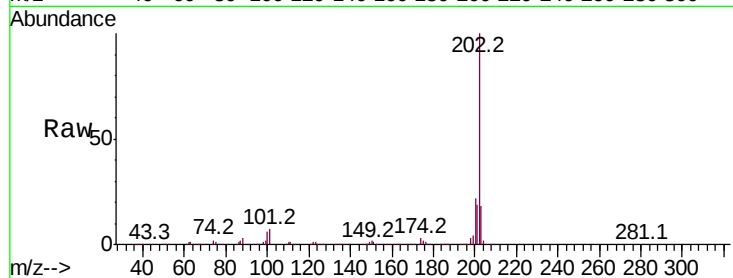
#77
Pvrene
Concen: 40.955 ng
RT: 19.79 min Scan# 2809
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	16.9	25.3
203	17.9	13.9	20.9

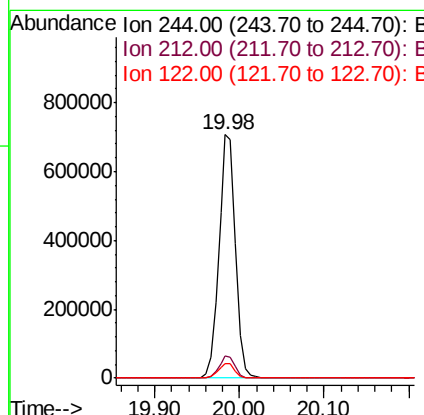
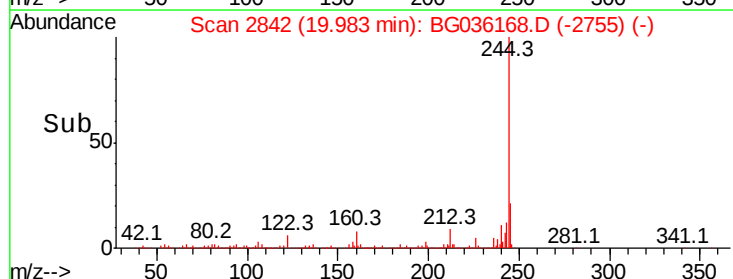
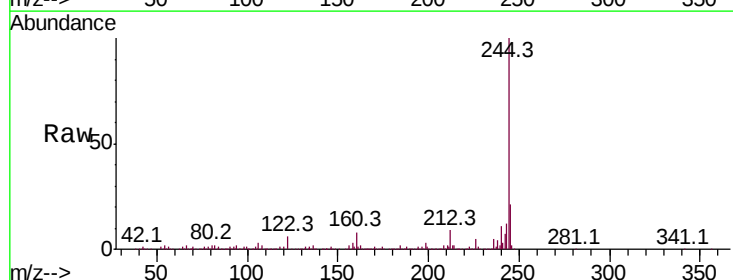
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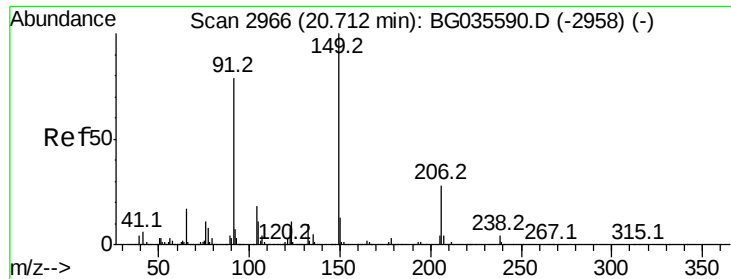
Sohil
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#78
Terphenyl-d14
Concen: 96.120 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.2	7.0	10.4#





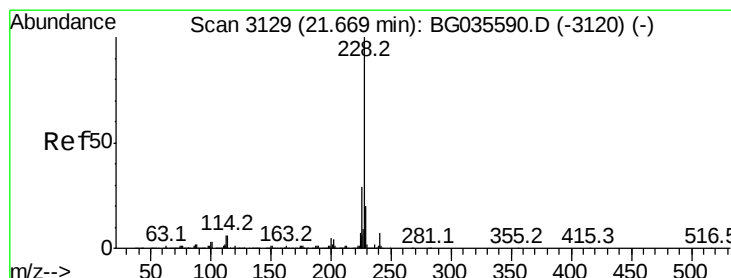
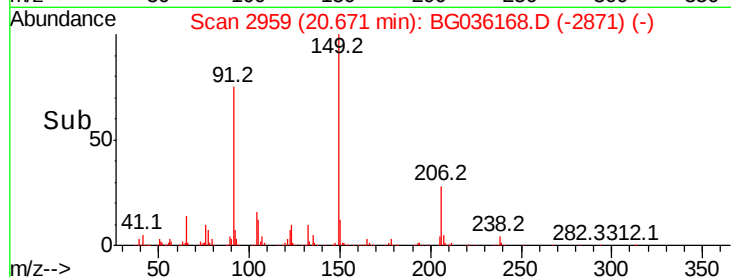
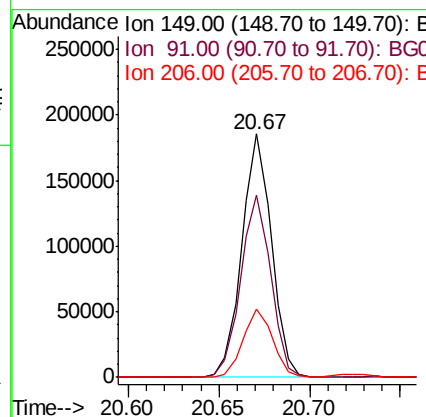
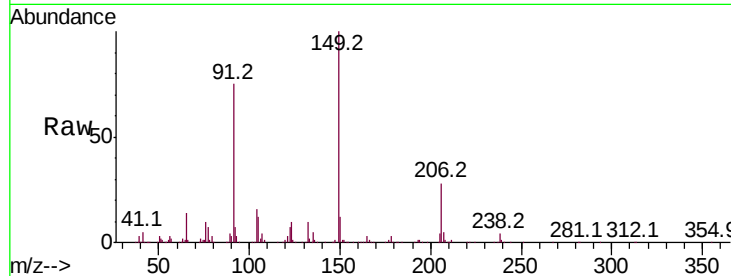
#79
Butylbenzylphthalate
Concen: 42.035 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleID :
PB111837BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.8	62.2	93.2
206	28.0	18.6	27.8

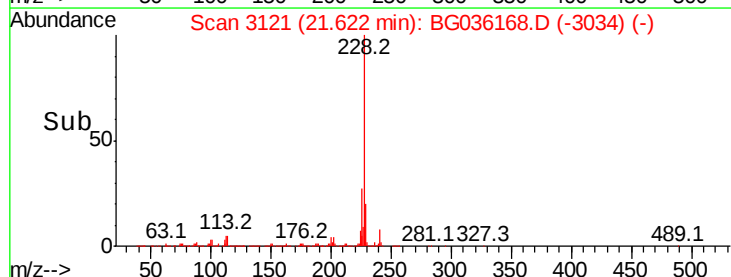
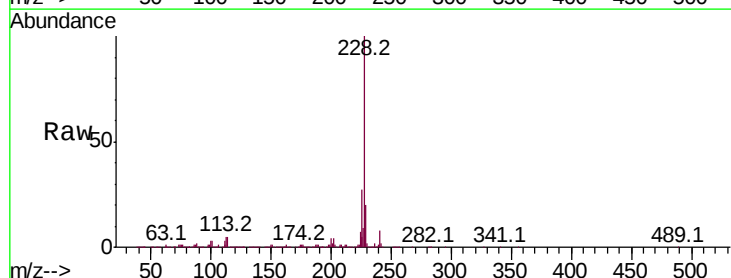
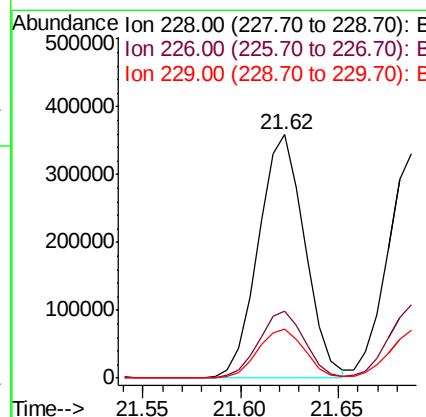
Manual Integrations
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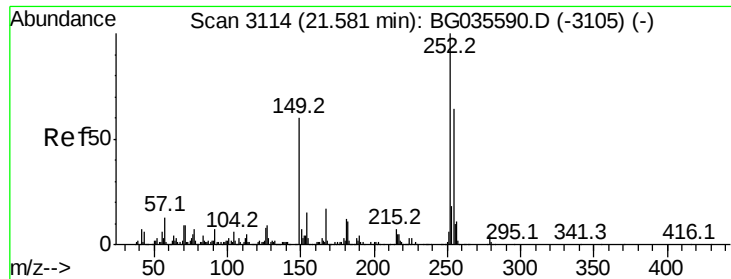
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#80
Benzo(a)anthracene
Concen: 42.443 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.0	16.2	24.2





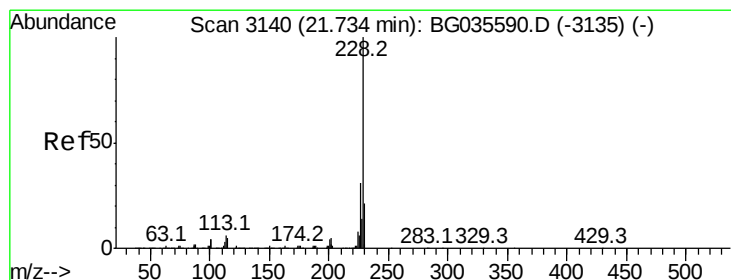
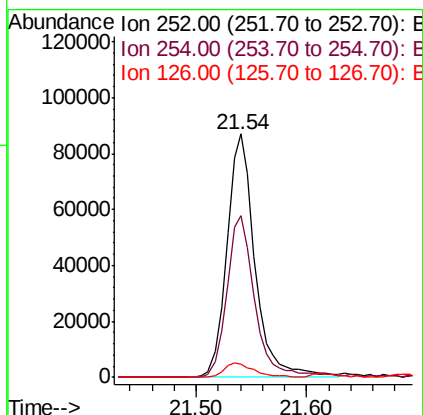
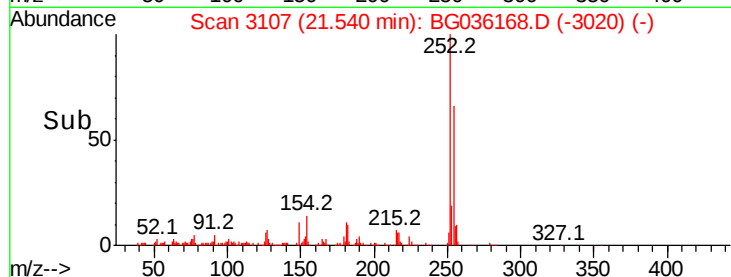
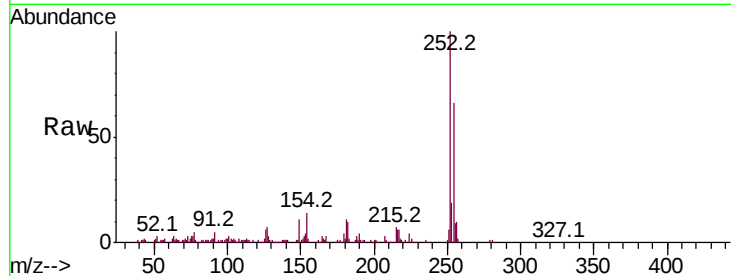
#81
 3,3'-Dichlorobenzidine
 Concen: 31.962 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampled :
 PB111837BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.8	76.2
126	5.7	7.4	11.2#

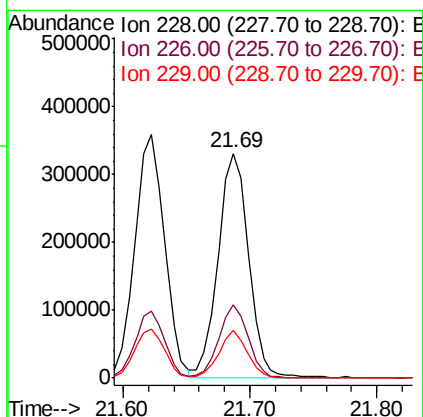
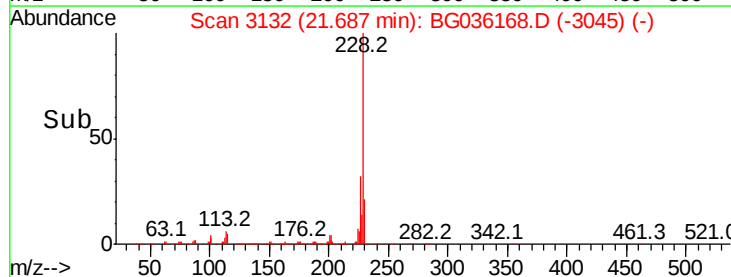
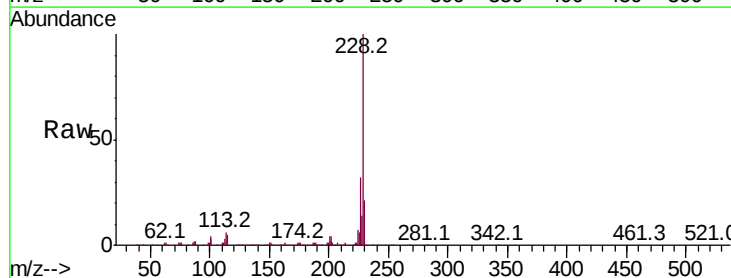
Manual Integrations
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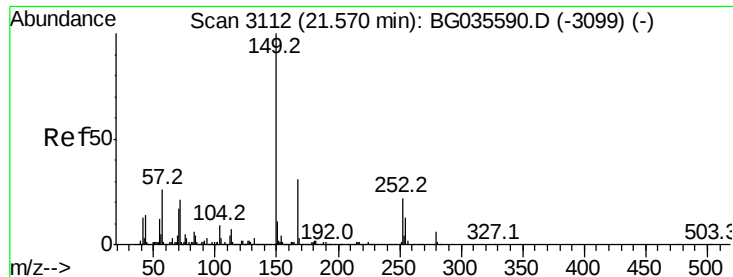
Sohil
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#82
 Chrysene
 Concen: 42.844 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	21.4	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.733 ng

RT: 21.52 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

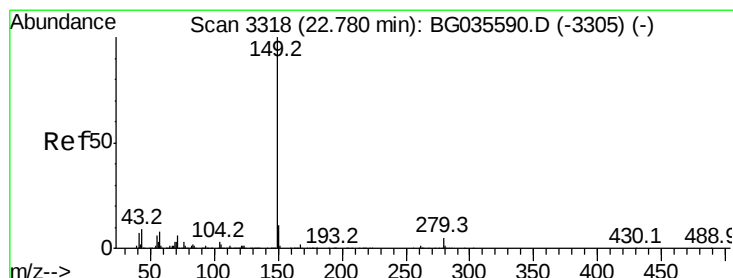
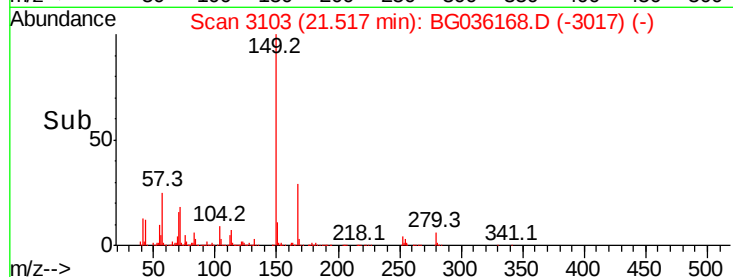
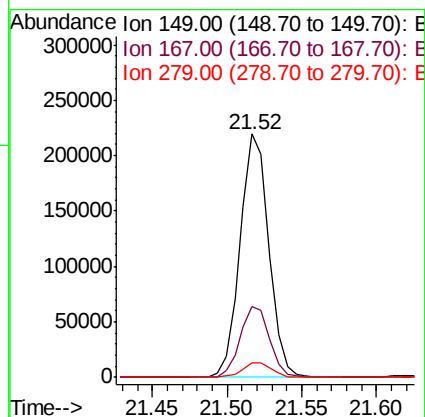
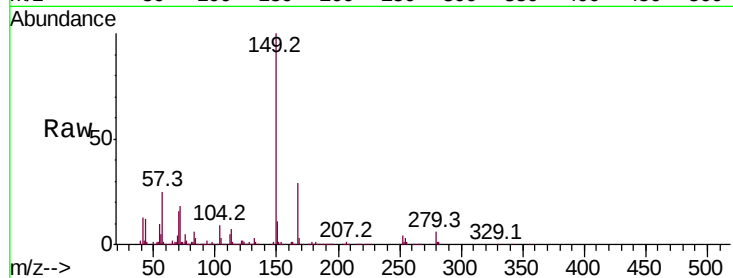
ClientSampleId :

PB111837BS

Tot Ion:	149	Resp:	292251
Ion Ratio	Lower	Upper	
149	100		
167	29.1	24.3	36.5
279	6.2	4.0	6.0#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 43.238 ng

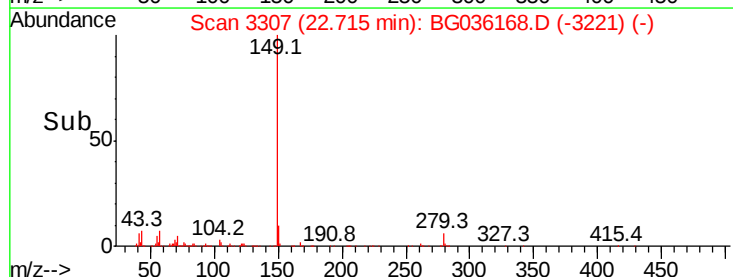
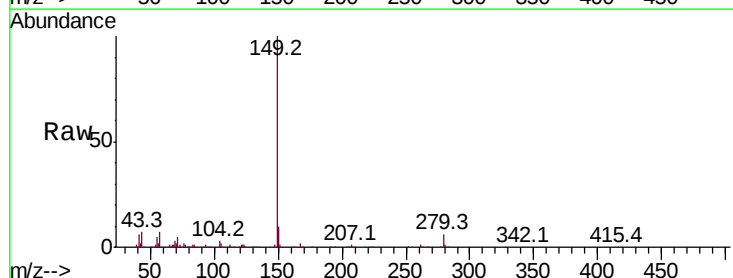
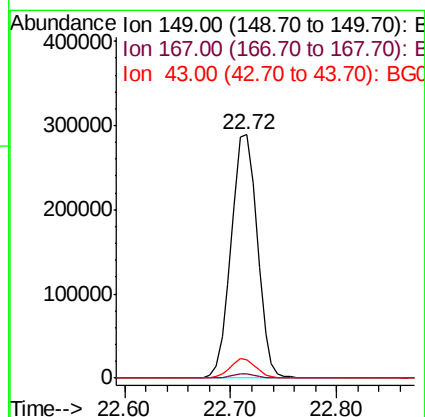
RT: 22.72 min Scan# 3307

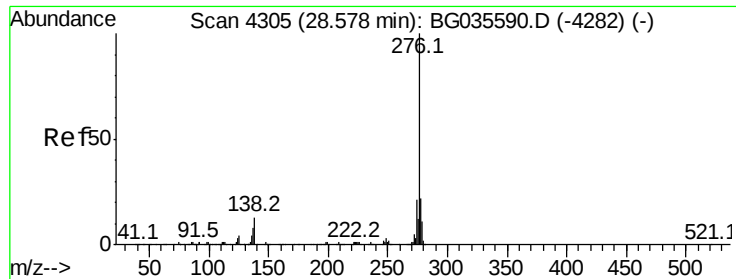
Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:	149	Resp:	495124
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.7	8.9	13.3#





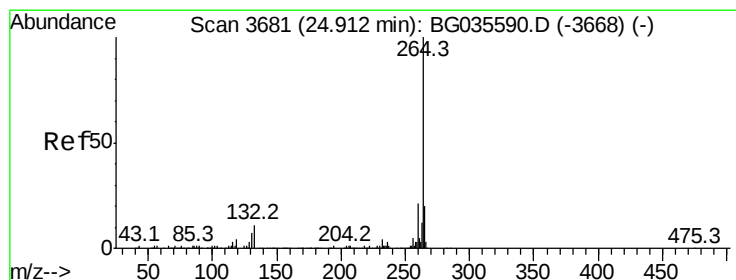
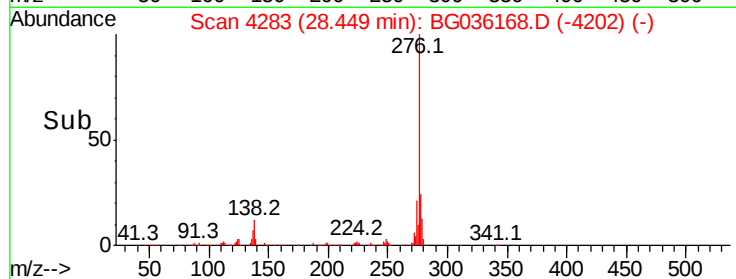
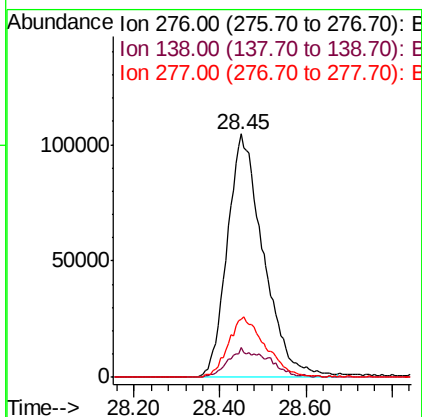
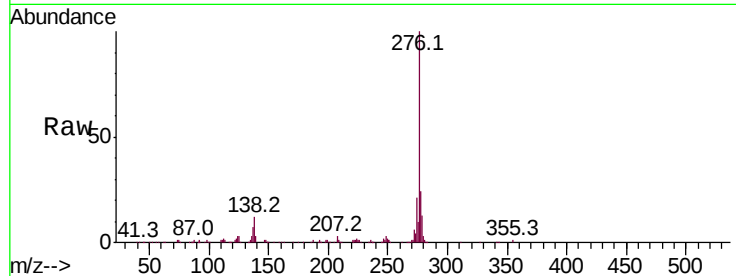
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.993 ng
RT: 28.45 min Scan# 4283
Delta R.T. -0.05 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Instrument :
BNA_G
ClientSampleId :
PB111837BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.0	16.0	24.0#
277	25.7	20.0	30.0

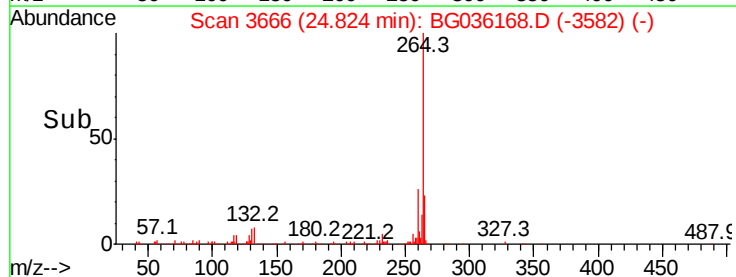
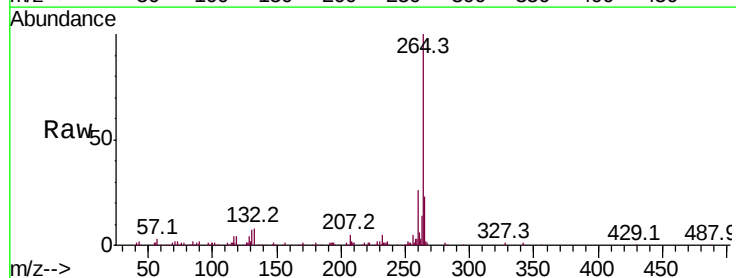
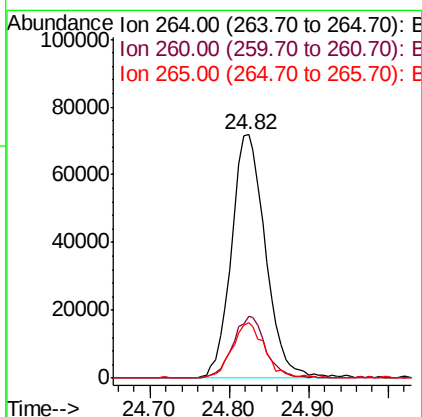
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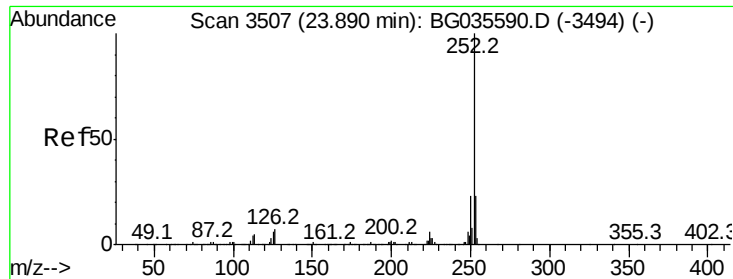
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036168.D
Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	17.4	26.0
265	22.9	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 43.114 ng

RT: 23.81 min Scan# 3494

Delta R.T. -0.03 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

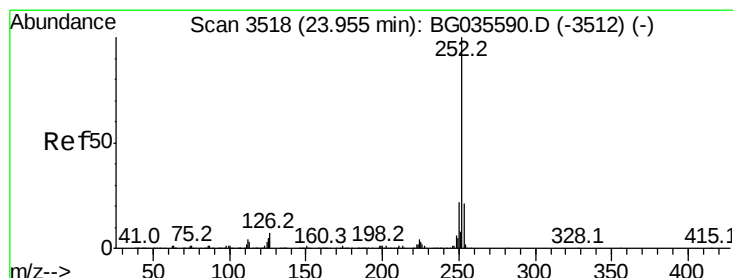
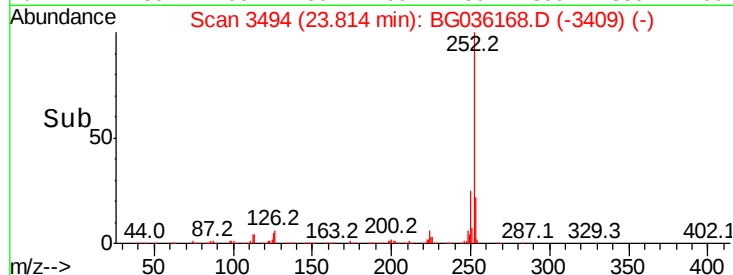
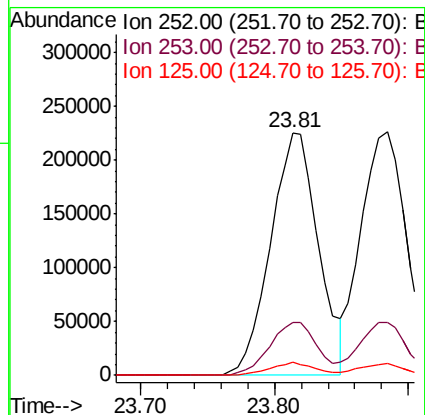
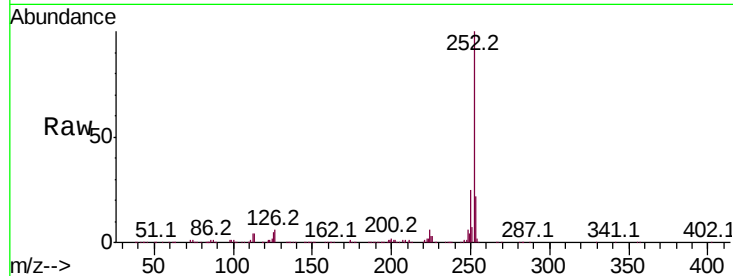
ClientSampleId :

PB111837BS

Tot Ion:252	Resp:	560978
Ion Ratio	Lower	Upper
252 100		
253 22.0	18.2	27.4
125 5.3	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 41.906 ng

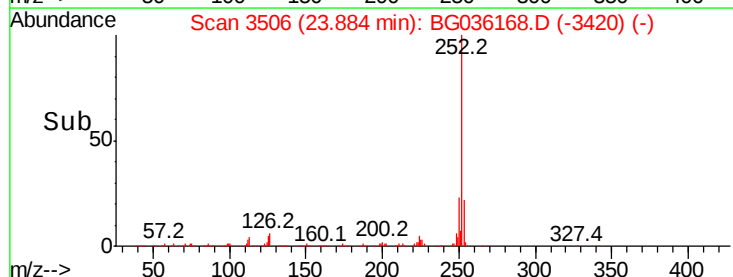
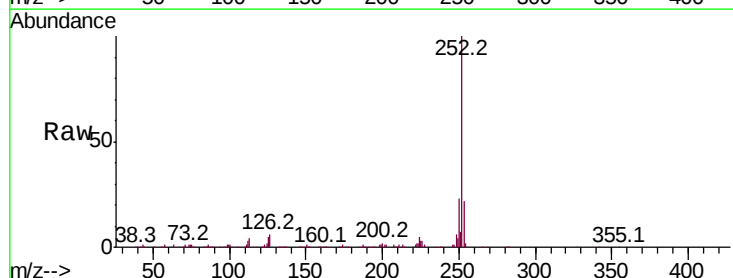
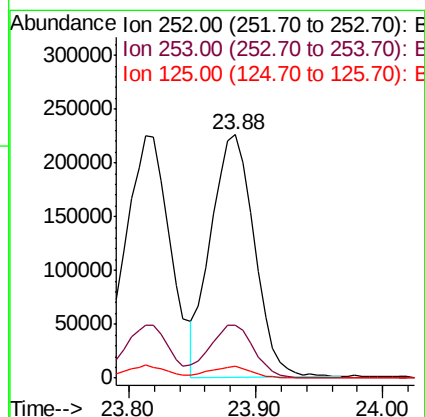
RT: 23.88 min Scan# 3506

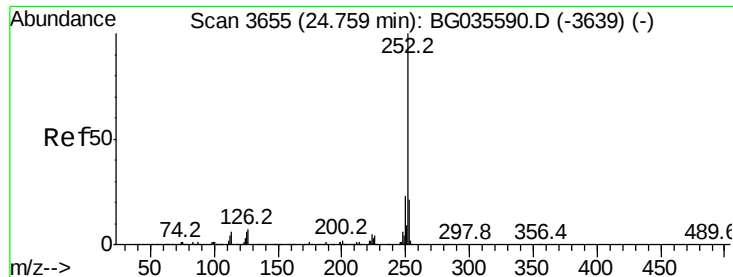
Delta R.T. -0.02 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion:252	Resp:	533067
Ion Ratio	Lower	Upper
252 100		
253 22.0	17.4	26.2
125 4.8	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 44.375 ng

RT: 24.68 min Scan# 3641

Delta R.T. -0.03 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Instrument :

BNA_G

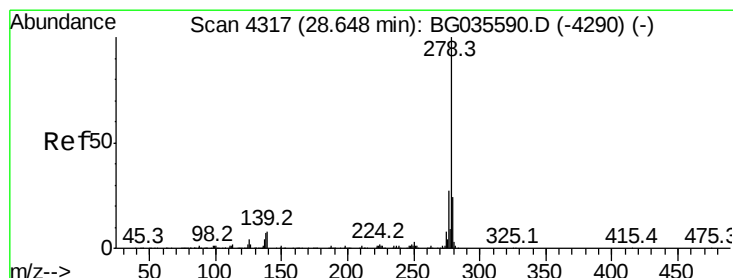
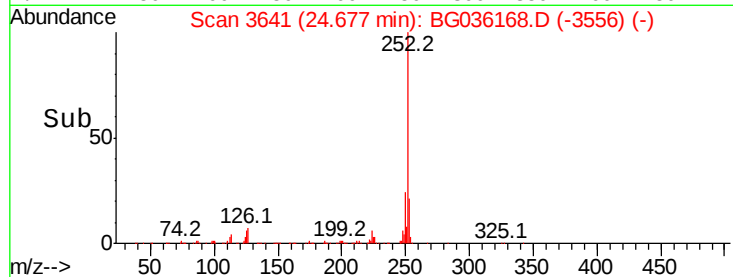
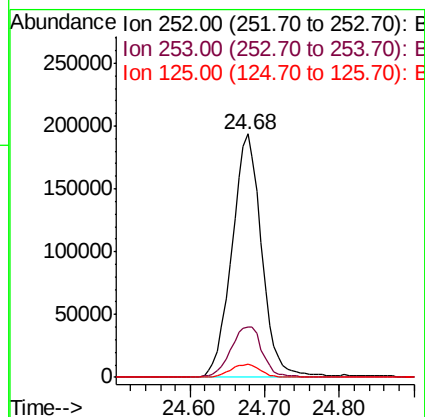
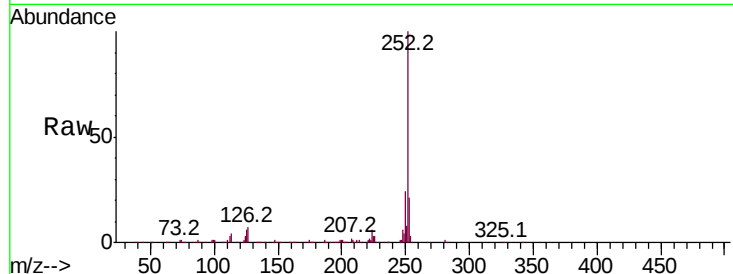
ClientSampleId :

PB111837BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.3	27.5
125	5.7	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 41.917 ng

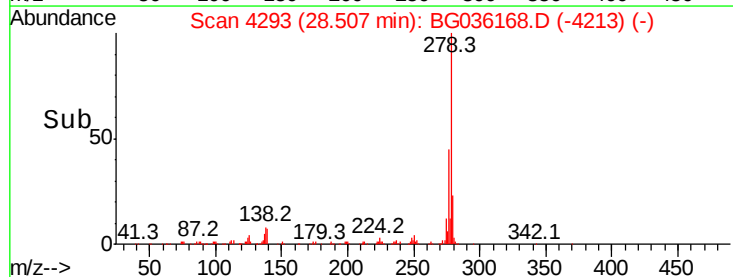
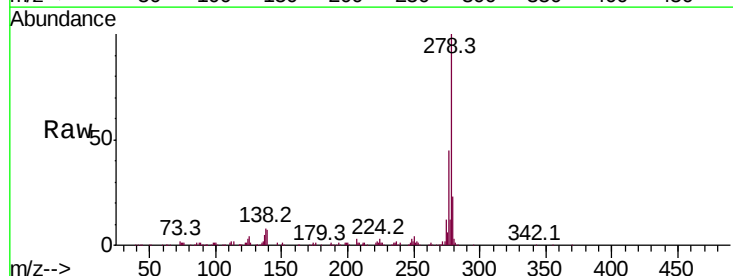
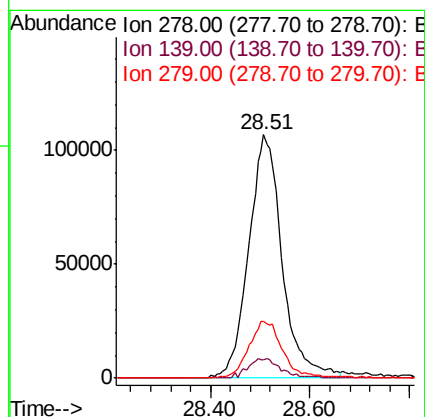
RT: 28.51 min Scan# 4293

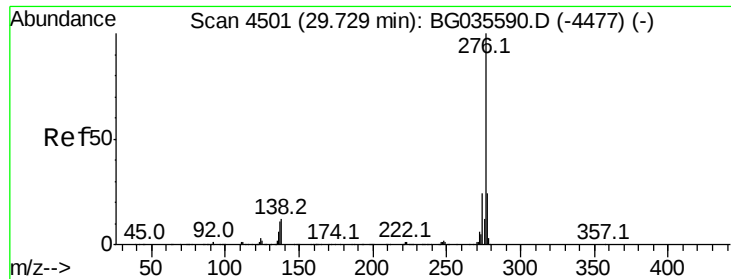
Delta R.T. -0.06 min

Lab File: BG036168.D

Acq: 7 Aug 2018 19:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.4	9.8	14.6#
279	23.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.195 ng
 RT: 29.58 min Scan# 4475
 Delta R.T. -0.06 min
 Lab File: BG036168.D
 Acq: 7 Aug 2018 19:03

Instrument :
 BNA_G
 ClientSampleId :
 PB111837BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.3	27.5
138	10.6	13.9	20.9

Manual Integrations
 APPROVED

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 8/8/2018 5:34:34 PM

