

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036744.D
 Acq On : 15 Sep 2018 16:55
 Operator : JU/SJ
 Sample : PB112846BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Manual Integrations
 APPROVED

Sohil
 9/17/2018 2:36:18 PM

Quant Time: Sep 17 14:25:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51931	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	221124	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	156493	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	408265	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	412755	20.00	ng	-0.01
86) Perylene-d12	24.89	264	435959	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	429425	131.17	ng	0.00
7) Phenol-d6	7.21	99	608210	129.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	370559	90.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	286607	153.49	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	893041	81.48	ng	-0.01
78) Terphenyl-d14	20.03	244	1560935	88.39	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	48383	31.668 ng	96
3) Pyridine	3.92	79	150620	35.122 ng	98
4) n-Nitrosodimethylamine	3.83	42	82416	43.147 ng	96
6) Aniline	7.37	93	153408	25.785 ng	97
8) 2-Chlorophenol	7.62	128	157636	44.402 ng	98
9) Benzaldehyde	7.18	77	79219	24.543 ng	95
10) Phenol	7.24	94	225261	45.924 ng	97
11) bis(2-Chloroethyl)ether	7.47	93	150323	38.657 ng	99
12) 1,3-Dichlorobenzene	7.94	146	160916	39.695 ng	97
13) 1,4-Dichlorobenzene	8.09	146	161935	39.566 ng	98
14) 1,2-Dichlorobenzene	8.40	146	154745	39.590 ng	96
15) Benzyl Alcohol	8.29	79	162818	43.090 ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	295904	37.732 ng	99
17) 2-Methylphenol	8.49	107	152518	46.828 ng	98
18) Hexachloroethane	9.13	117	59935	40.844 ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	136807	39.054 ng	97
20) 3+4-Methylphenols	8.82	107	213333	46.915 ng	98
22) Acetophenone	8.87	105	246312	42.419 ng	98
24) Nitrobenzene	9.25	77	199642	45.427 ng	99
25) Isophorone	9.77	82	390048	48.177 ng	98
26) 2-Nitrophenol	9.96	139	93748	53.832 ng	99
27) 2,4-Dimethylphenol	10.02	122	174243	54.043 ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	222349	44.749 ng	97
29) 2,4-Dichlorophenol	10.50	162	187113	52.954 ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	174155	42.131 ng	98
31) Naphthalene	10.91	128	503887	45.585 ng	99
33) 4-Chloroaniline	11.01	127	122882	24.260 ng	99
34) Hexachlorobutadiene	11.19	225	116472	41.937 ng	98
35) Caprolactam	11.79	113	71210	50.589 ng	93
36) 4-Chloro-3-methylphenol	12.12	107	211422	51.493 ng	99
37) 2-Methylnaphthalene	12.51	142	407749	50.414 ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	233710	42.200 ng	99
40) Hexachlorocyclopentadiene	12.85	237	290110	100.681 ng	98
42) 2,4,6-Trichlorophenol	13.11	196	169629	50.282 ng	97

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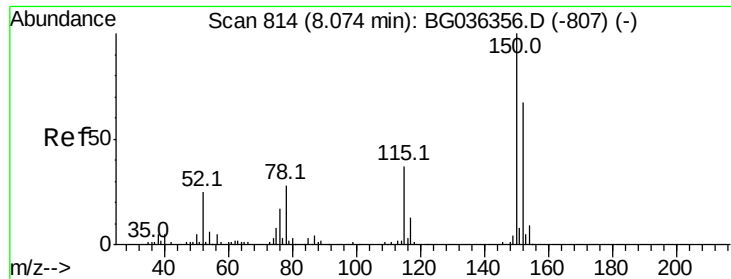
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.18	196	180593	50.189	nq	98
45) 1,1'-Biphenyl	13.51	154	537106	41.347	nq	99
46) 2-Chloronaphthalene	13.55	162	414624	41.810	nq	99
47) 2-Nitroaniline	13.75	65	157152	50.465	nq	97
48) Acenaphthylene	14.40	152	723466	46.680	nq	99
49) Dimethylphthalate	14.13	163	585597	45.827	nq	99
50) 2,6-Dinitrotoluene	14.25	165	130424	49.601	nq	97
51) Acenaphthene	14.74	154	422241	42.539	nq	98
52) 3-Nitroaniline	14.57	138	86215	30.426	nq	98
53) 2,4-Dinitrophenol	14.79	184	8427	8.461	nq	97
54) Dibenzofuran	15.07	168	689603	44.346	nq	100
55) 4-Nitrophenol	14.88	139	200301	86.455	nq	98
56) 2,4-Dinitrotoluene	15.03	165	186006	54.277	nq	91
57) Fluorene	15.72	166	556429	47.865	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	181959	53.823	nq	95
59) Diethylphthalate	15.49	149	587287	45.604	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	321922	44.846	nq	98
61) 4-Nitroaniline	15.74	138	148301	50.014	nq	97
62) Azobenzene	16.01	77	580348	44.291	nq	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	20301	11.320	nq	98
65) n-Nitrosodiphenylamine	15.93	169	525815	43.345	nq	97
66) 4-Bromophenyl-phenylether	16.61	248	216888	45.374	nq	98
67) Hexachlorobenzene	16.72	284	217931	44.588	nq	98
68) Atrazine	16.87	200	228537	50.191	nq	98
69) Pentachlorophenol	17.07	266	135292m	40.728	nq	
70) Phenanthrene	17.46	178	965280	46.530	nq	99
71) Anthracene	17.55	178	982888	47.530	nq	98
72) Carbazole	17.82	167	870685	42.160	nq	99
73) Di-n-butylphthalate	18.38	149	985224	42.841	nq	99
74) Fluoranthene	19.46	202	1172633	46.363	nq	98
76) Benzidine	19.64	184	451709	34.302	nq	98
77) Pyrene	19.83	202	1147563	45.212	nq	98
79) Butylbenzylphthalate	20.71	149	456494	45.192	nq	96
80) Benzo(a)anthracene	21.67	228	1171357	46.844	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	250535	25.140	nq	97
82) Chrysene	21.73	228	1093355	46.130	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	633240	44.798	nq	98
84) Di-n-octyl phthalate	22.78	149	1074986	45.530	nq	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	1364307	49.559	nq	# 95
87) Benzo(b)fluoranthene	23.88	252	1177892	48.655	nq	98
88) Benzo(k)fluoranthene	23.94	252	1143558	48.351	nq	99
89) Benzo(a)pyrene	24.74	252	1150101	49.439	nq	99
90) Dibenzo(a,h)anthracene	28.60	278	1102213	49.079	nq	98
91) Benzo(g,h,i)perylene	29.68	276	1130764	50.104	nq	94

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



#1

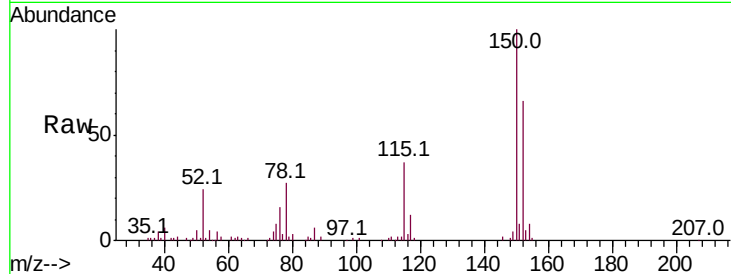
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	119.5	179.3
115	55.2	44.5	66.7

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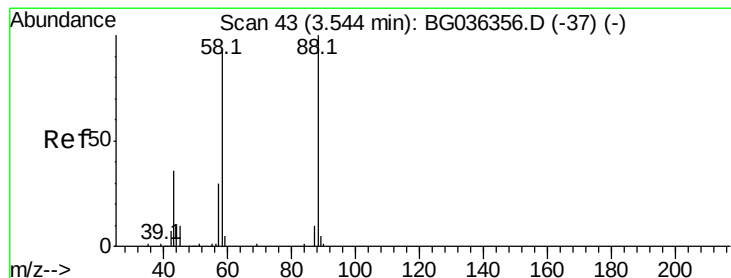
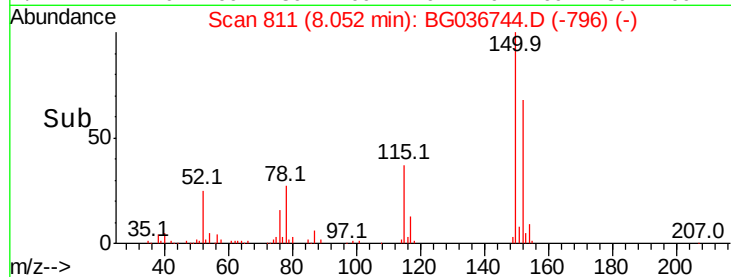
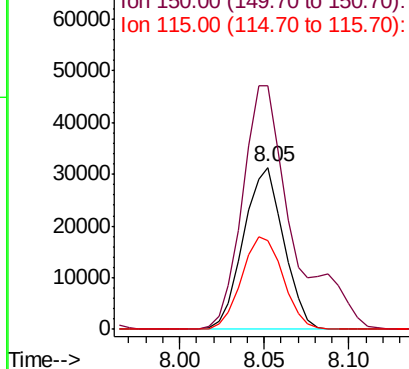


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

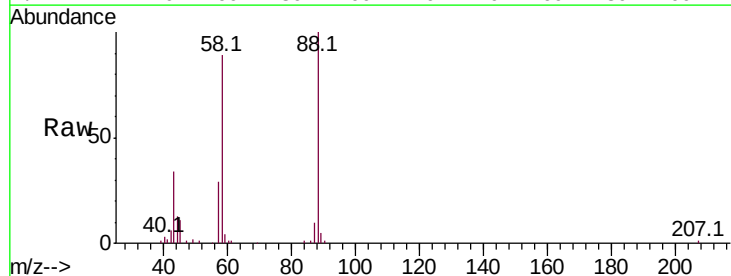
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.668 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.9	72.6	109.0
43	35.2	29.0	43.4

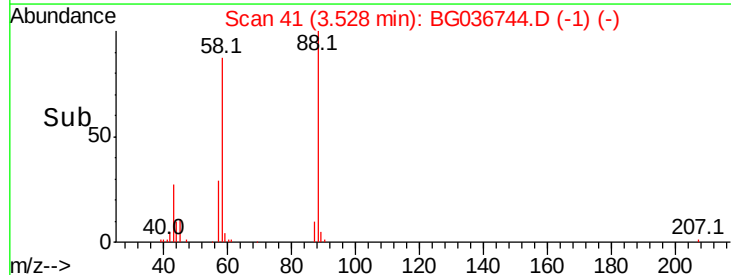
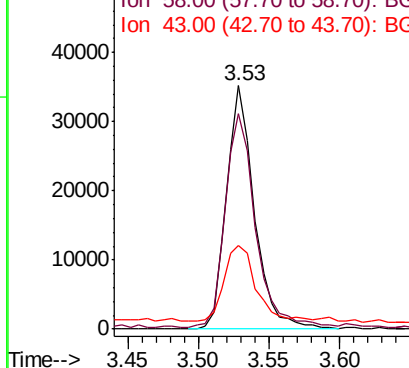


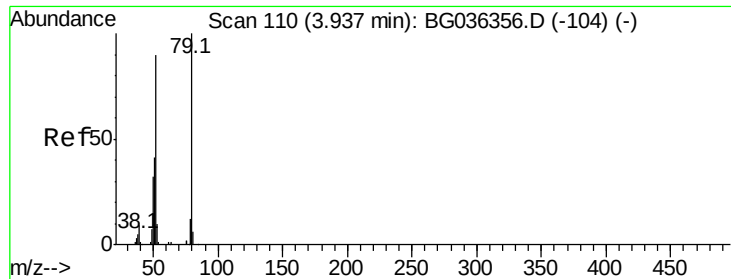
Abundance

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: 35.122 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

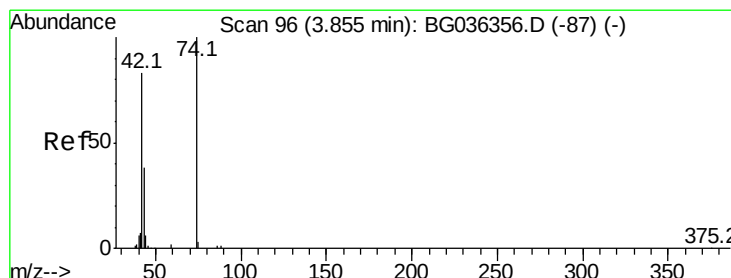
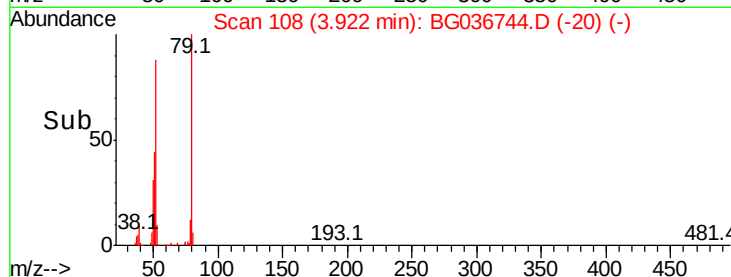
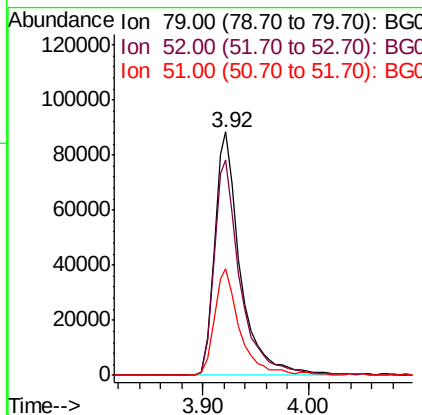
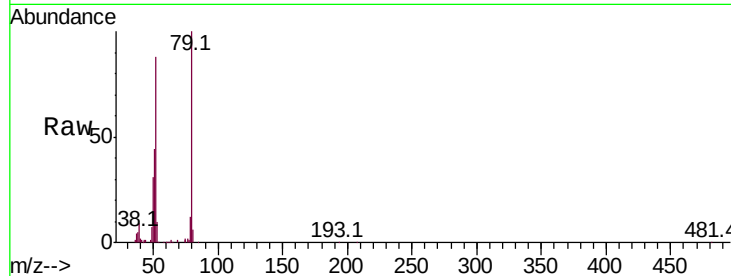
ClientSampleId :

PB112846BS

Tot Ion:	79	Resp:	150620
Ion	Ratio	Lower	Upper
79	100		
52	88.4	72.3	108.5
51	43.8	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 43.147 ng

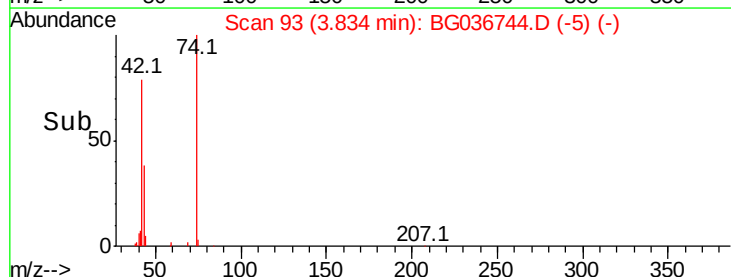
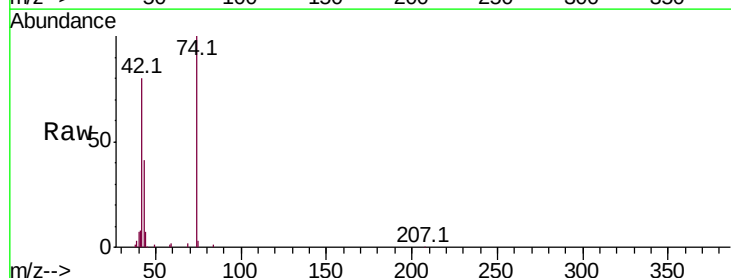
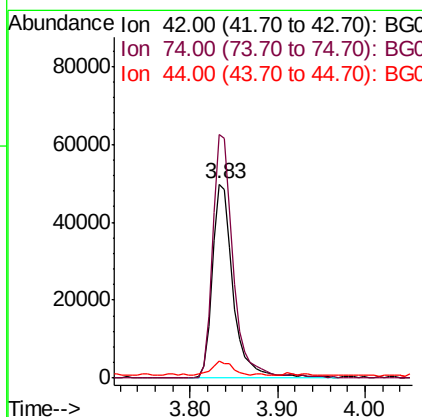
RT: 3.83 min Scan# 93

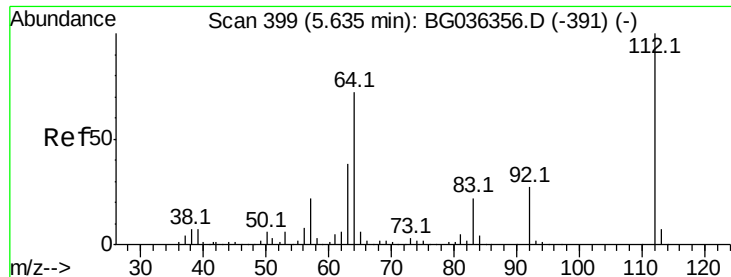
Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Tgt Ion:	42	Resp:	82416
Ion	Ratio	Lower	Upper
42	100		
74	125.5	96.6	145.0
44	9.1	7.0	10.4





#5

2-Fluorophenol

Concen: 131.173 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

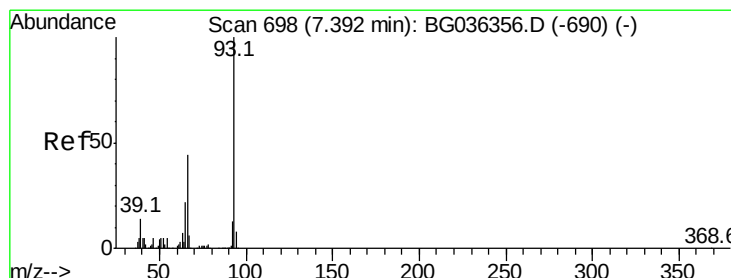
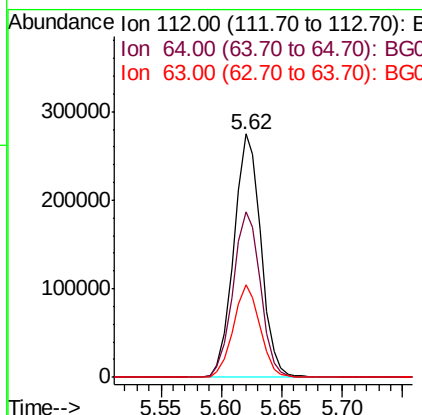
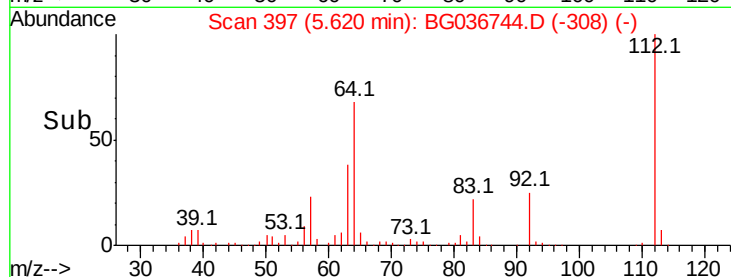
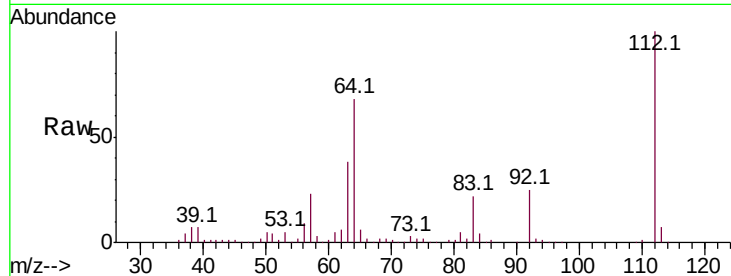
ClientSampleId :

PB112846BS

Tot Ion:	112	Resp:	429425
Ion Ratio	Lower	Upper	
112	100		
64	67.8	57.2	85.8
63	38.0	30.8	46.2

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#6

Aniline

Concen: 25.785 ng

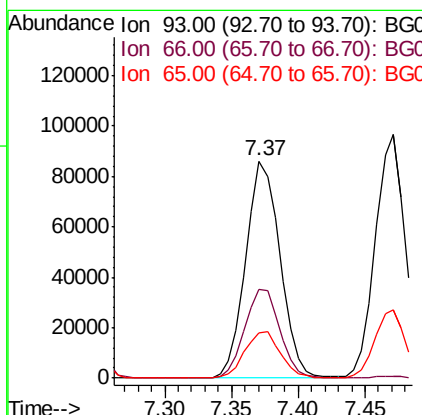
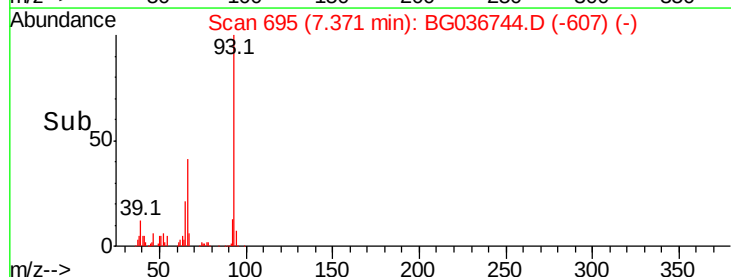
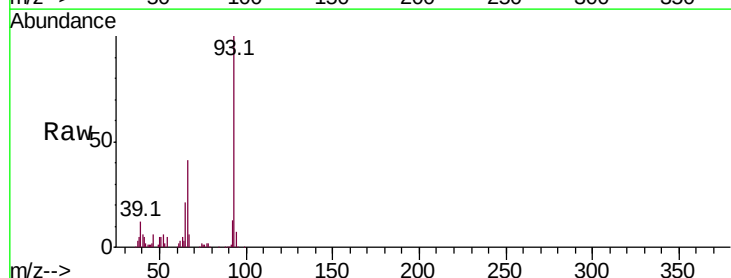
RT: 7.37 min Scan# 695

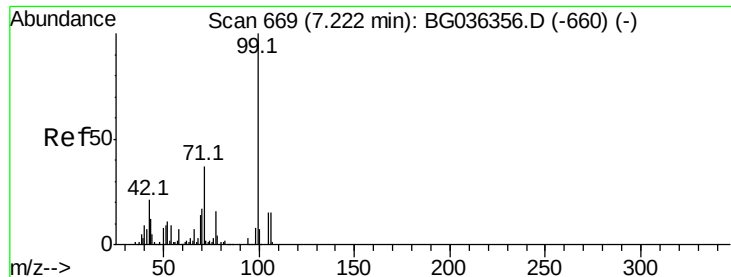
Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Tgt Ion:	93	Resp:	153408
Ion Ratio	Lower	Upper	
93	100		
66	41.1	35.0	52.4
65	20.9	17.6	26.4





#7

Phenol-d6

Concen: 129.761 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

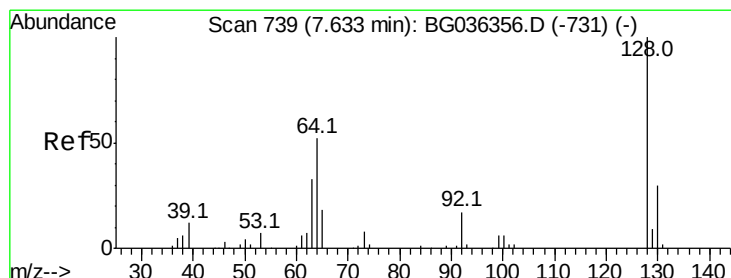
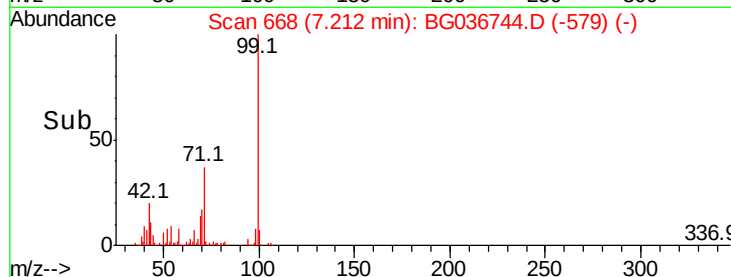
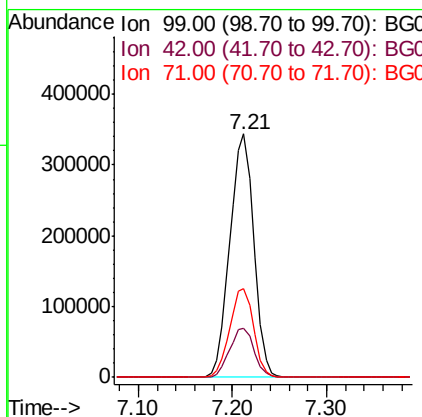
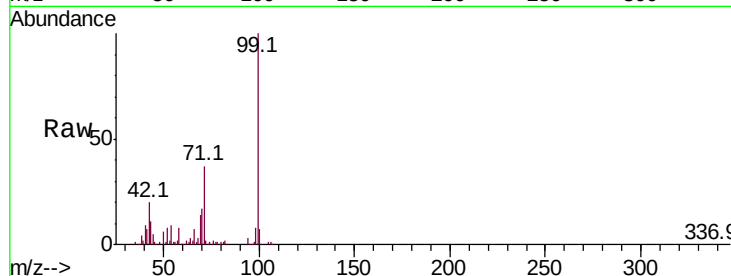
ClientSampleId :

PB112846BS

Tot Ion	99	Resp	608210
Ion Ratio	Lower	Upper	
99	100		
42	19.9	16.5	24.7
71	36.7	29.4	44.2

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#8

2-Chlorophenol

Concen: 44.402 ng

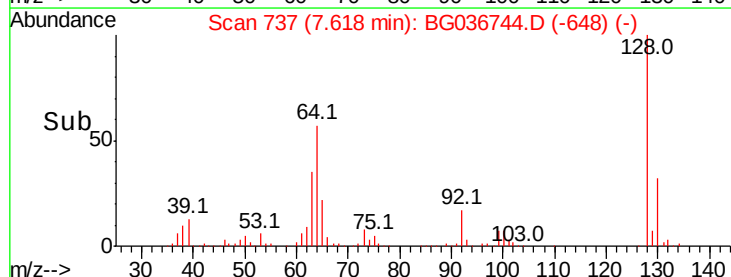
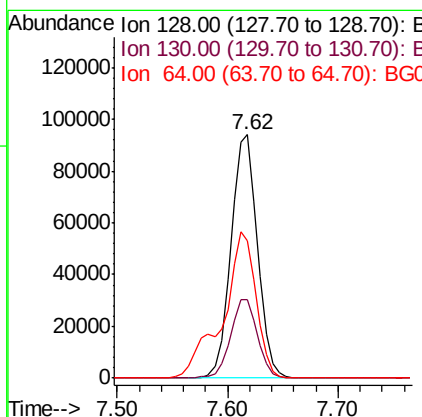
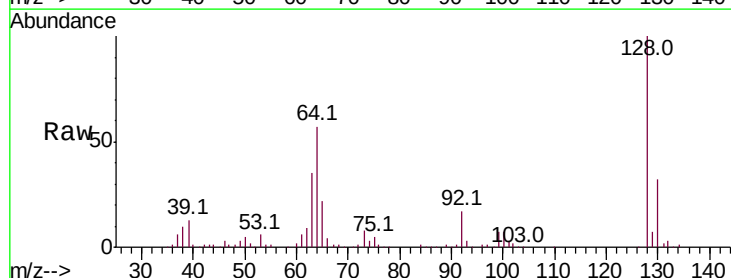
RT: 7.62 min Scan# 737

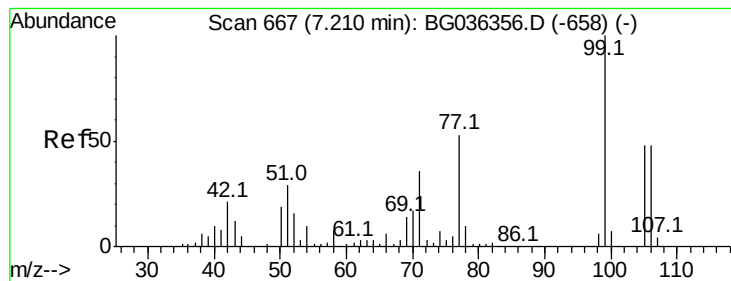
Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Tgt Ion	128	Resp	157636
Ion Ratio	Lower	Upper	
128	100		
130	32.4	10.0	50.0
64	56.5	36.0	76.0





#9

Benzaldehyde

Concen: 24.543 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampled :

PB112846BS

Tot Ion: 77 Resp: 79219

Ion Ratio Lower Upper

77 100

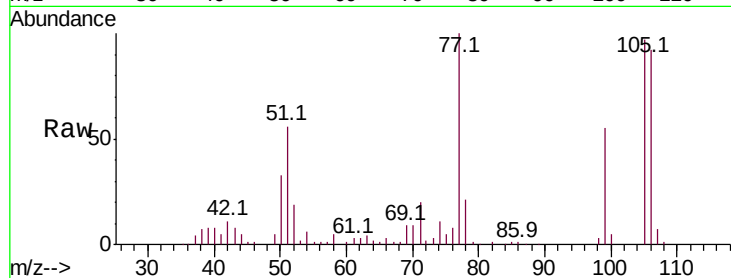
105 96.8 70.5 110.5

106 92.2 69.8 109.8

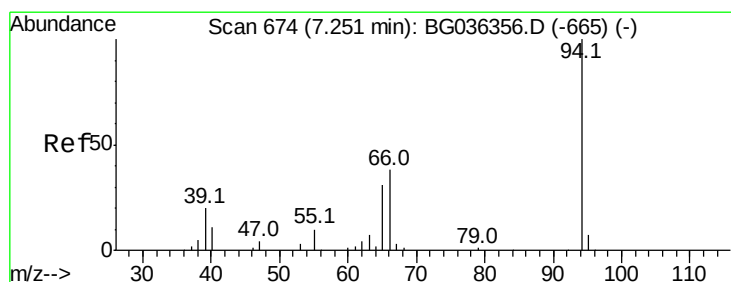
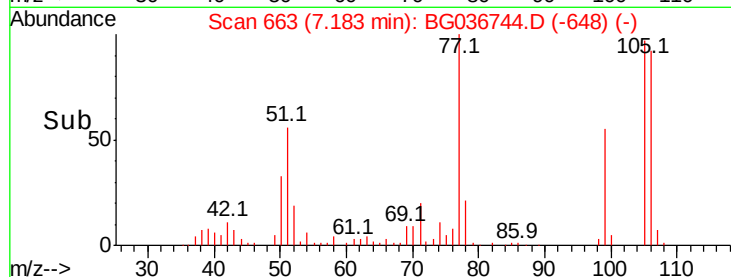
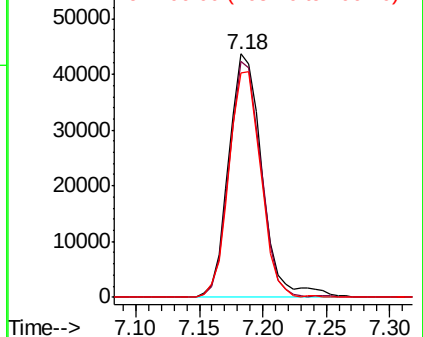
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.924 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

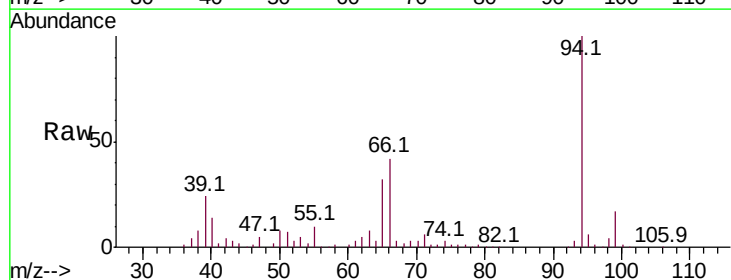
Tgt Ion: 94 Resp: 225261

Ion Ratio Lower Upper

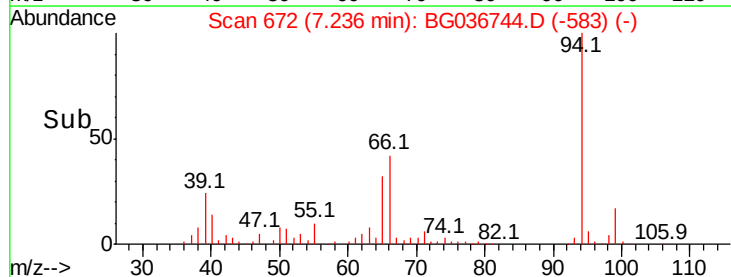
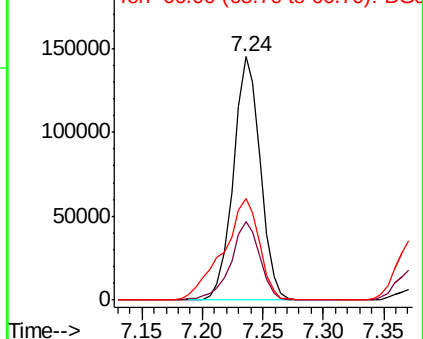
94 100

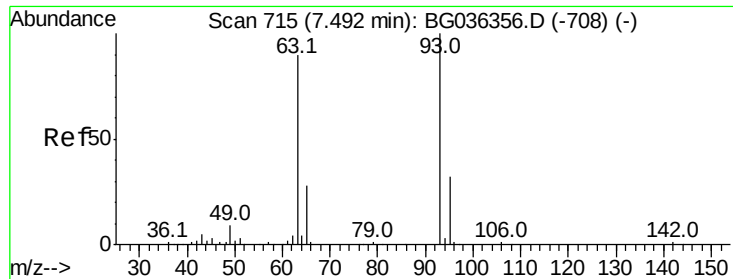
65 32.4 11.5 51.5

66 41.6 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





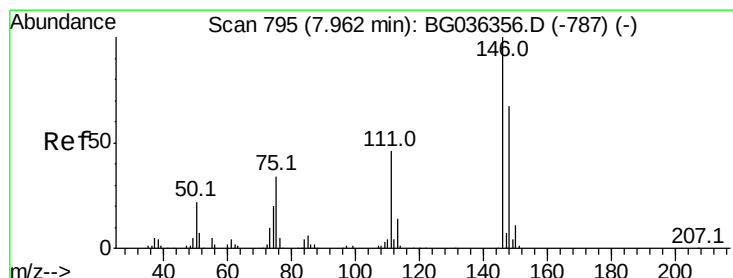
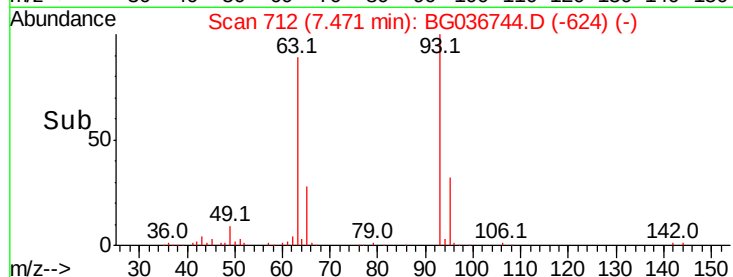
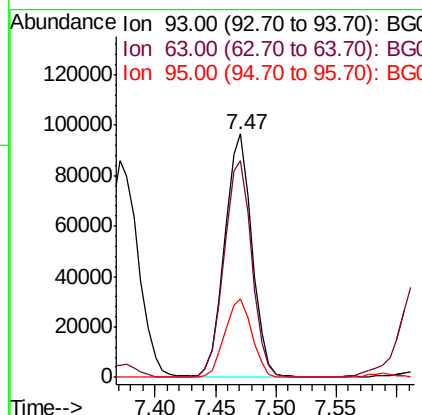
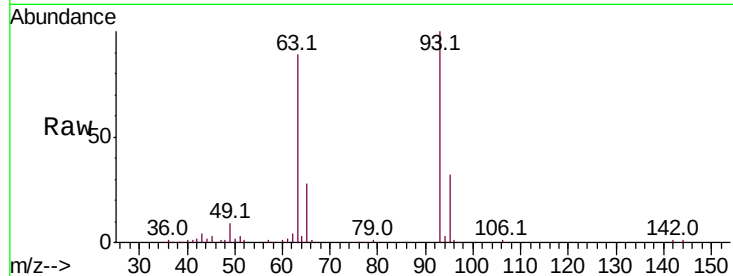
#11
bis(2-Chloroethyl)ether
Concen: 38.657 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.0	69.9	109.9
95	32.2	11.7	51.7

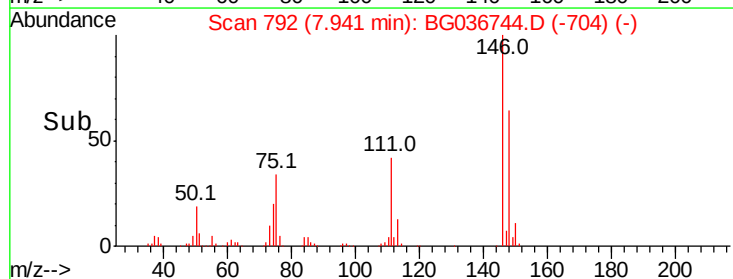
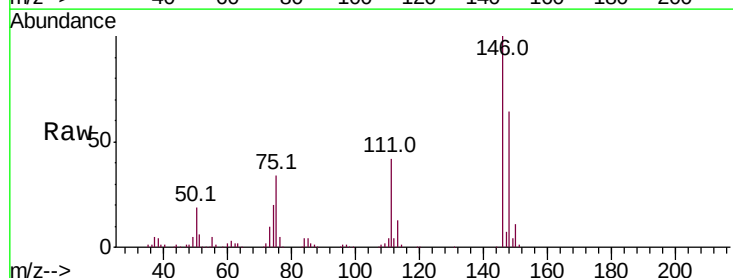
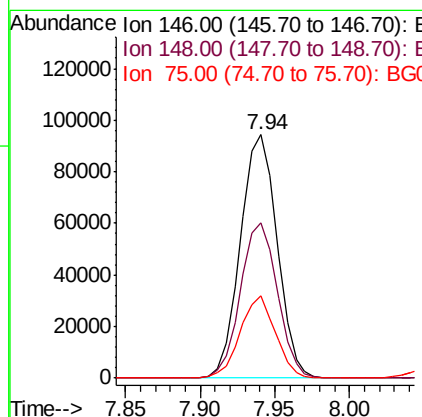
Manual Integrations
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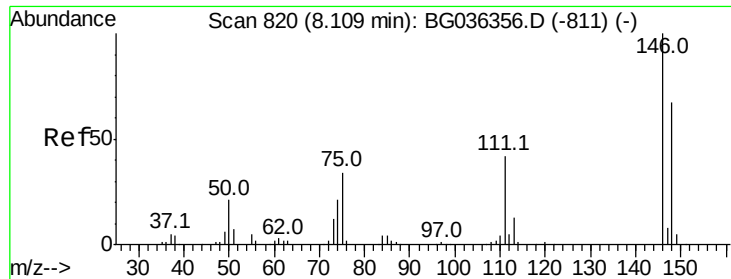
Sohil
9/17/2018 2:36:18 PM



#12
1,3-Dichlorobenzene
Concen: 39.695 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.8	80.6
75	34.0	27.2	40.8





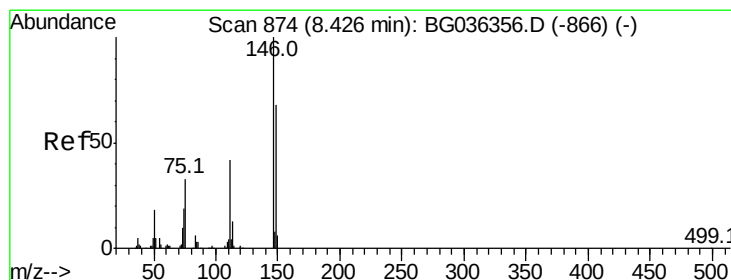
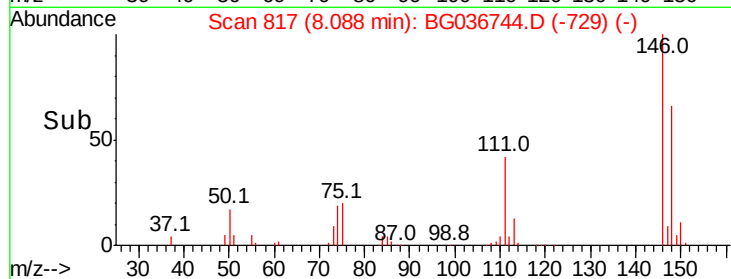
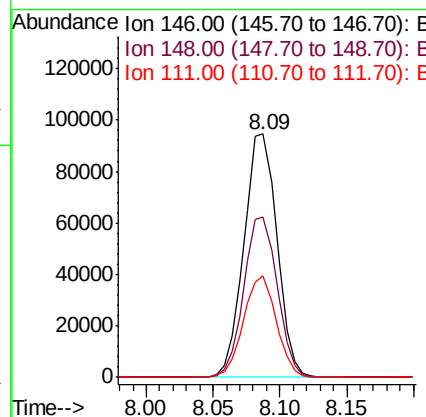
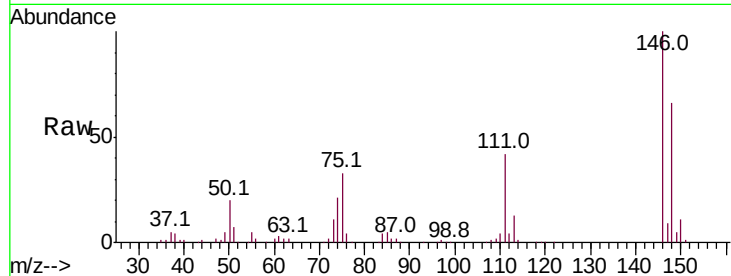
#13
 1,4-Dichlorobenzene
 Concen: 39.566 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.9	80.9
111	41.6	33.8	50.6

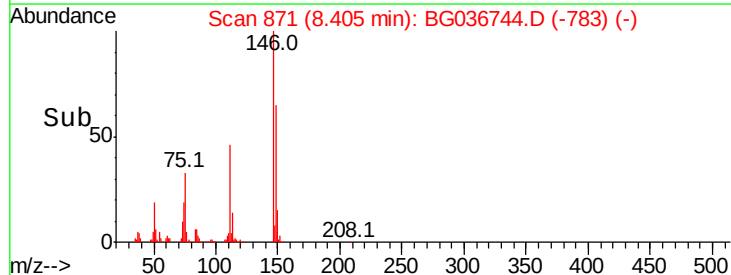
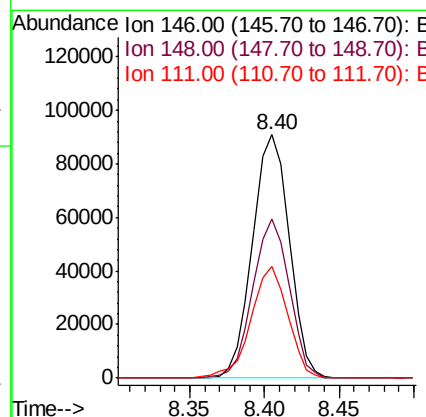
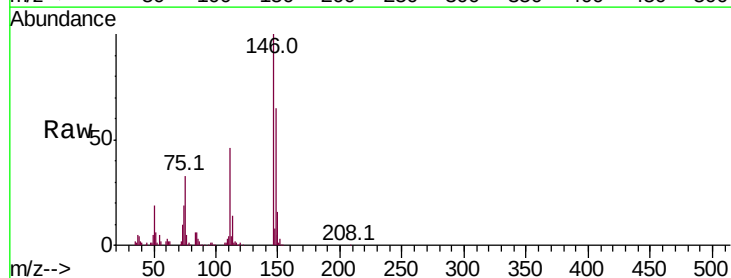
Manual Integrations
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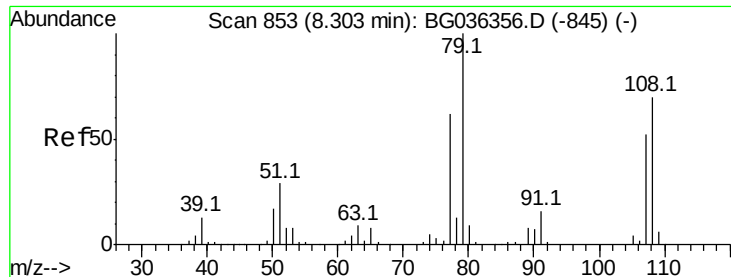
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.590 ng
 RT: 8.40 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	55.0	82.6
111	45.7	34.6	51.8





#15

Benzyl Alcohol

Concen: 43.090 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

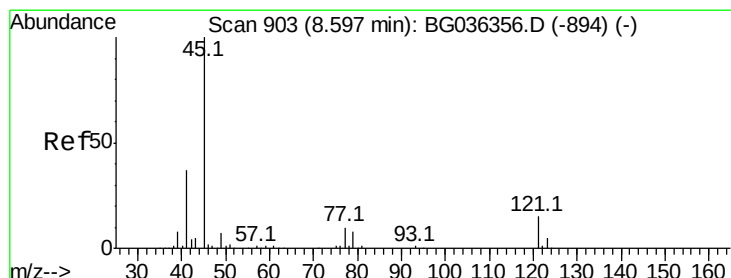
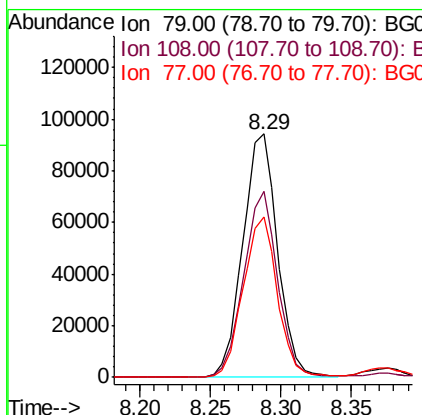
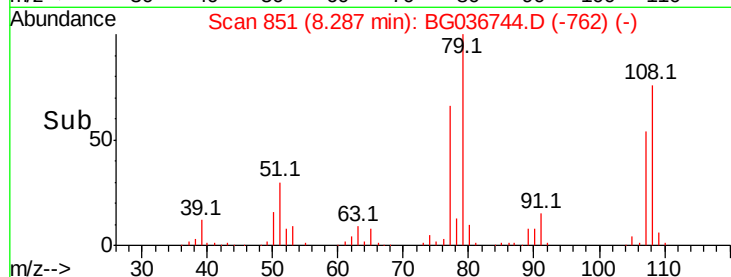
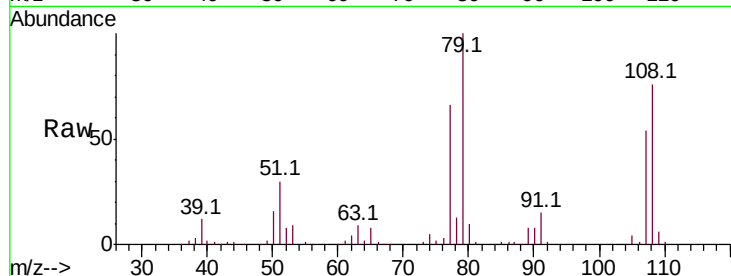
ClientSampleId :

PB112846BS

Tot Ion:	79	Resp:	162818
Ion Ratio	Lower	Upper	
79	100		
108	76.5	55.9	83.9
77	66.0	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.732 ng

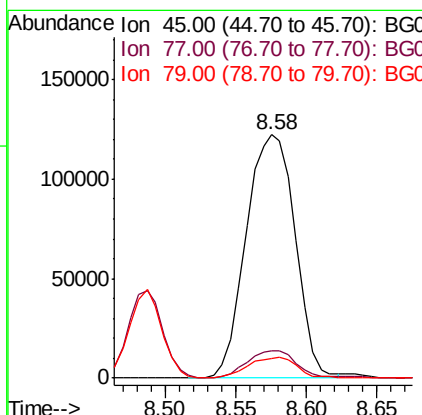
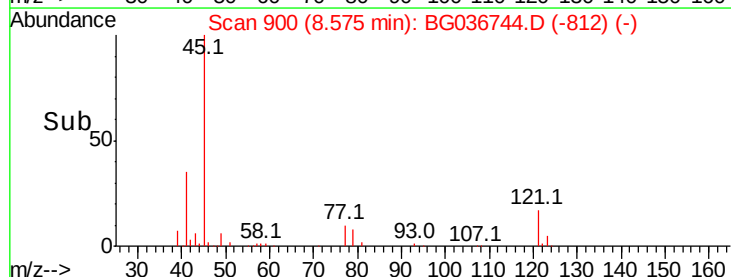
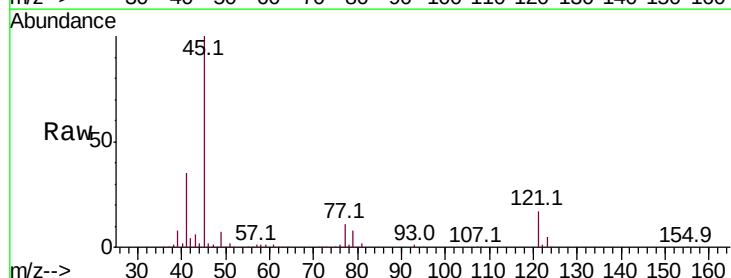
RT: 8.58 min Scan# 900

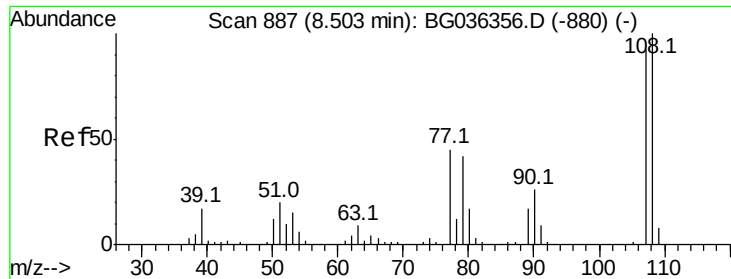
Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Tgt Ion:	45	Resp:	295904
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	30.5
79	8.2	0.0	27.9





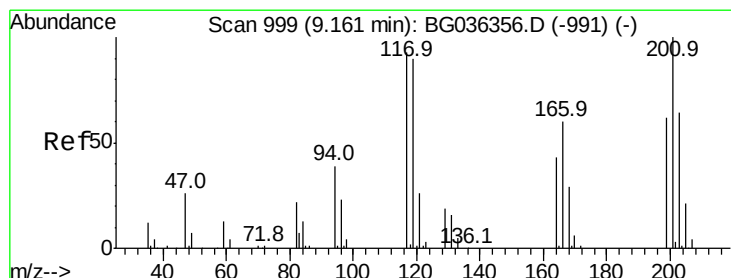
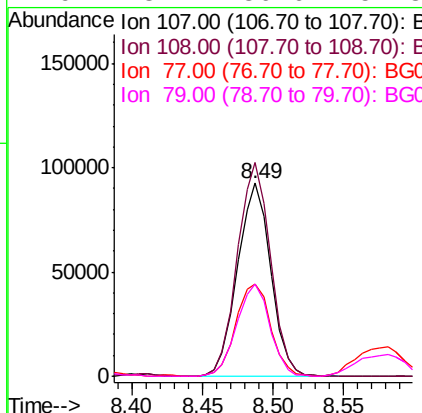
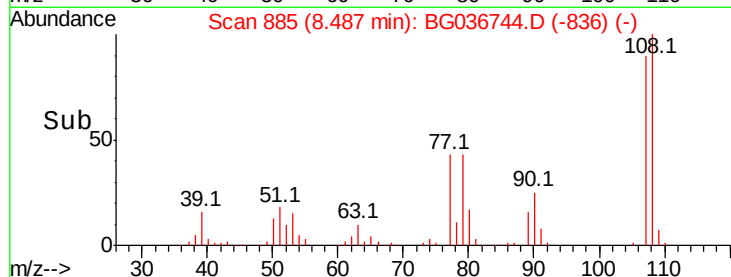
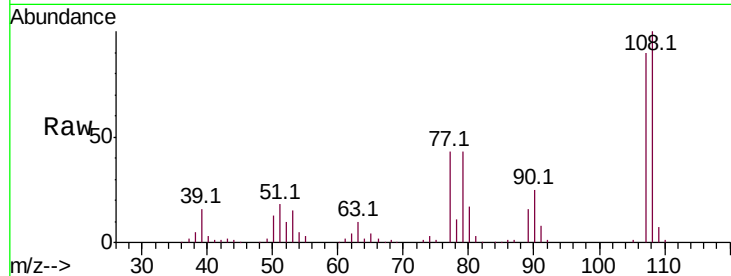
#17
2-Methylphenol
Concen: 46.828 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	86.7	130.1	
77	47.7	39.0	58.4	
79	48.1	36.6	54.8	

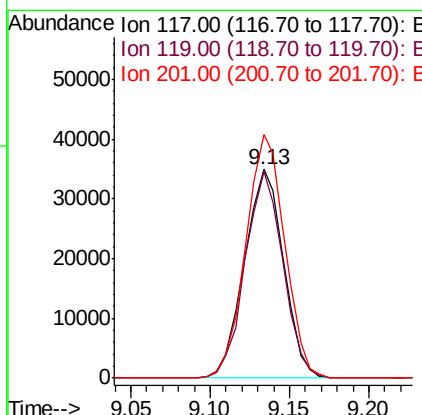
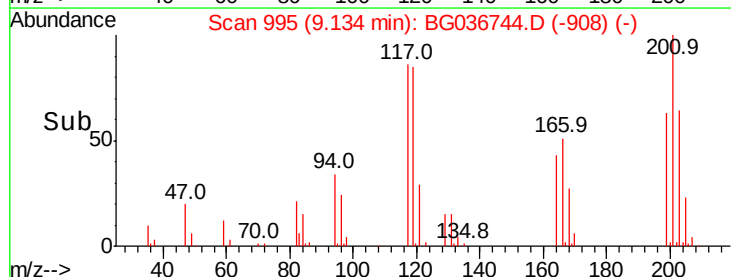
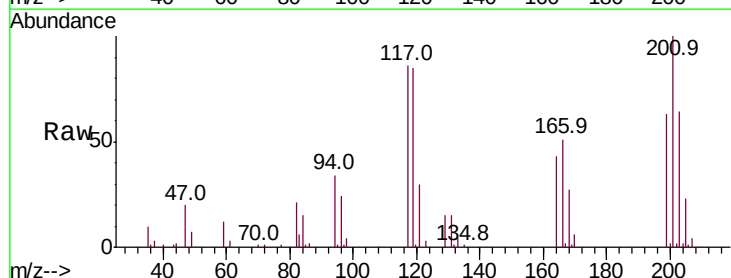
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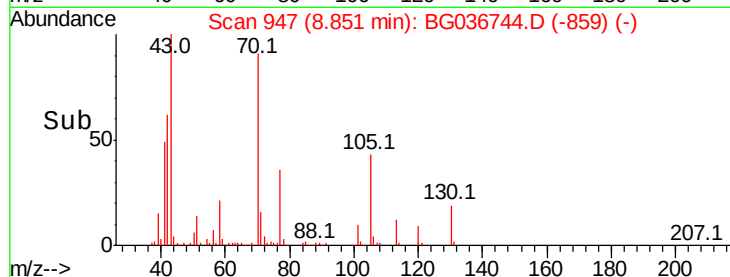
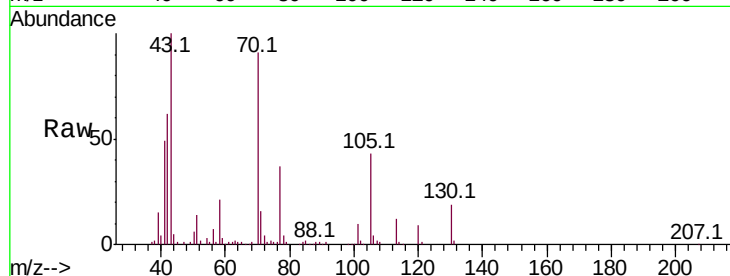
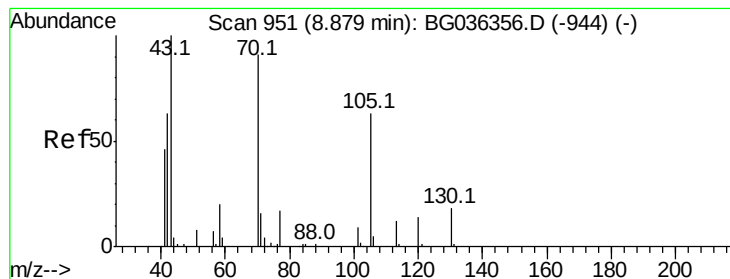
Sohil
9/17/2018 2:36:18 PM



#18
Hexachloroethane
Concen: 40.844 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	76.8	115.2	
201	116.5	85.7	128.5	





#19

n-Nitroso-di-n-propylamine

Concen: 39.054 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

Tot Ion: 70 Resp: 136807

Ion Ratio Lower Upper

70 100

42 67.8 56.2 84.4

101 10.6 7.8 11.6

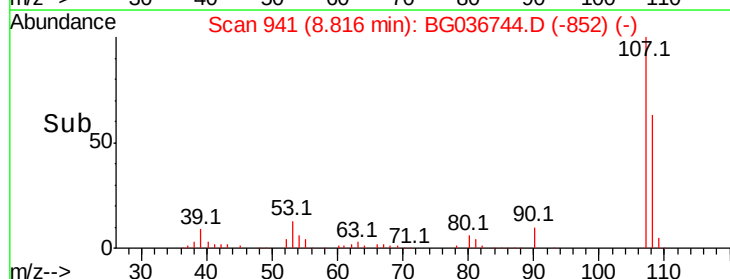
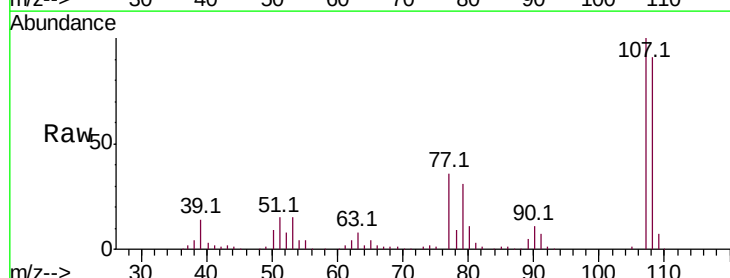
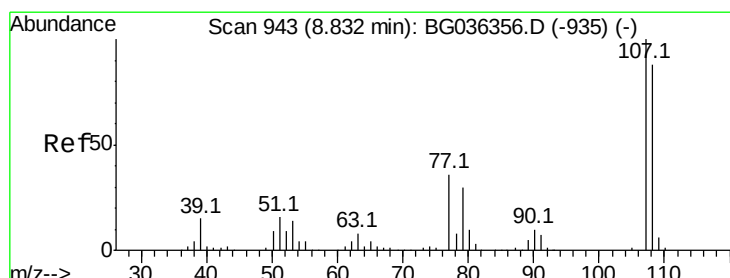
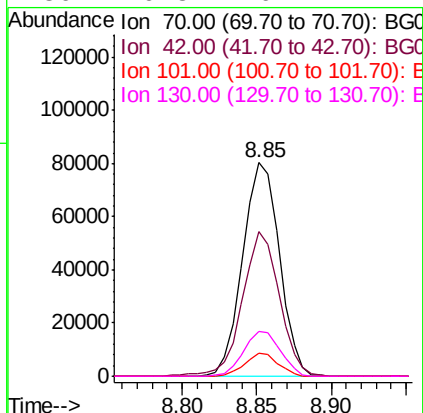
130 20.8 16.2 24.2

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#20

3+4-Methylphenols

Concen: 46.915 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Tgt Ion:107 Resp: 213333

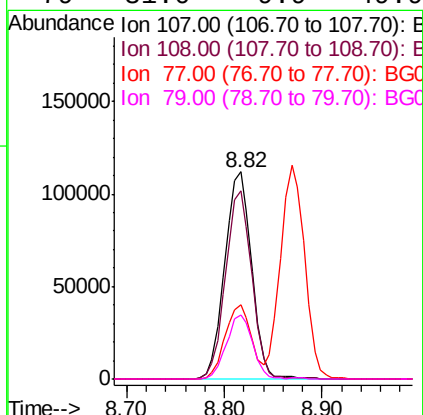
Ion Ratio Lower Upper

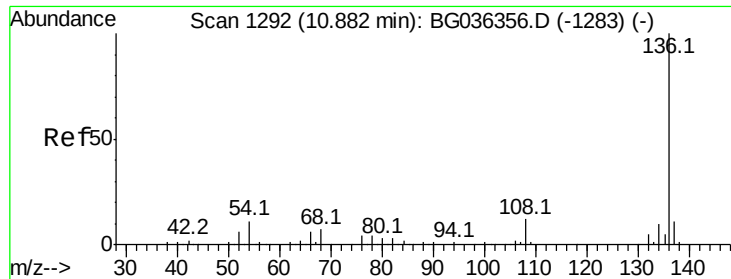
107 100

108 90.8 68.0 108.0

77 36.2 15.6 55.6

79 31.0 9.9 49.9





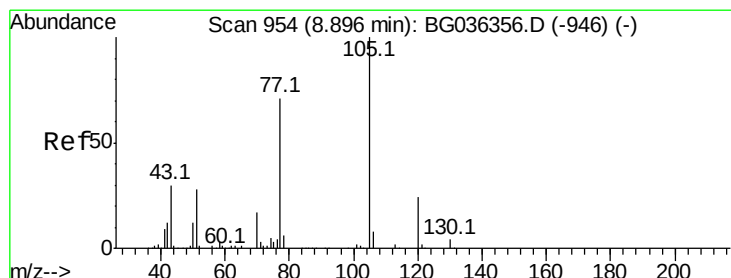
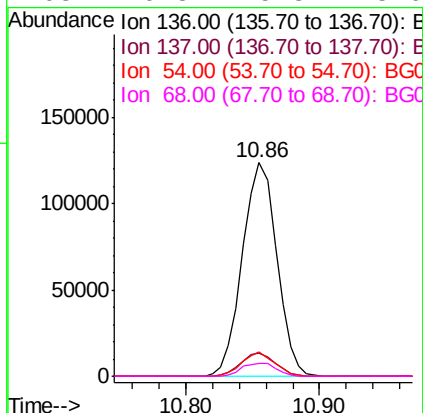
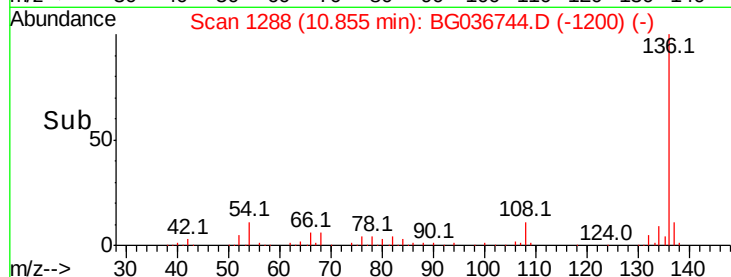
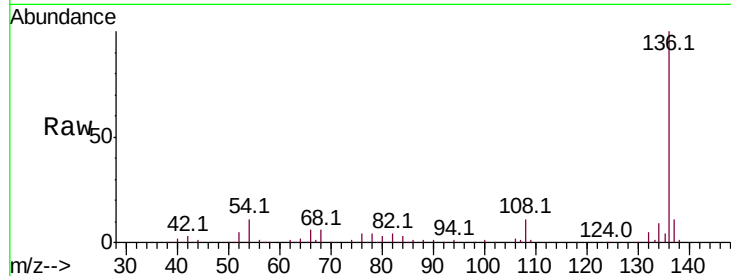
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	221124		
137	11.0		8.8	13.2
54	11.4		9.2	13.8
68	6.3		5.8	8.6

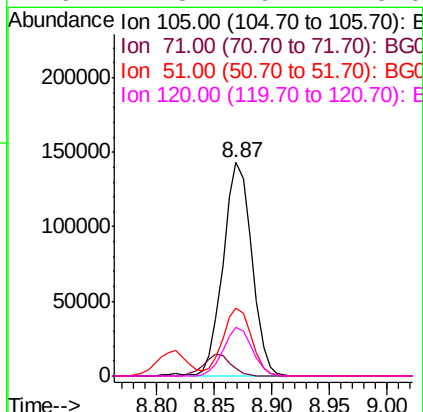
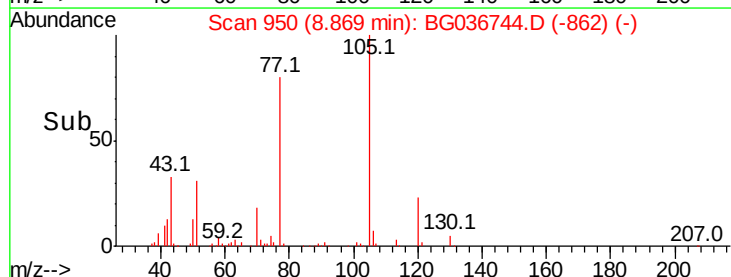
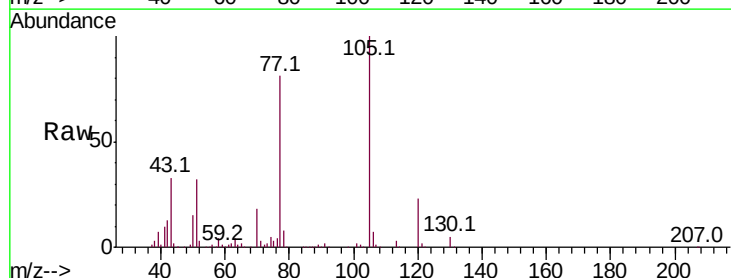
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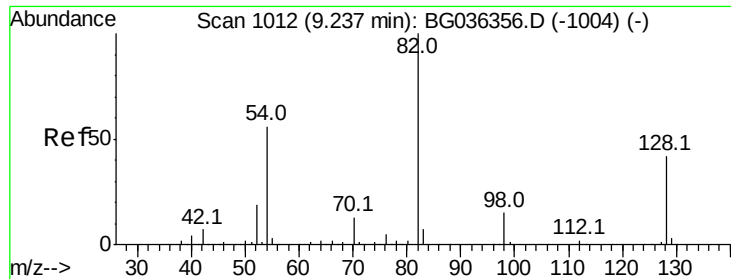
Sohil
9/17/2018 2:36:18 PM



#22
Acetophenone
Concen: 42.419 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246312		
71	3.4		2.4	3.6
51	31.7		25.9	38.9
120	22.8		19.4	29.0





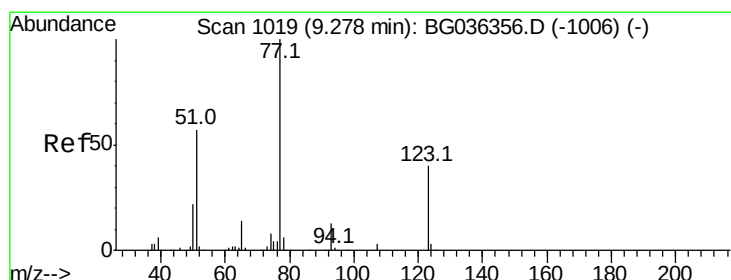
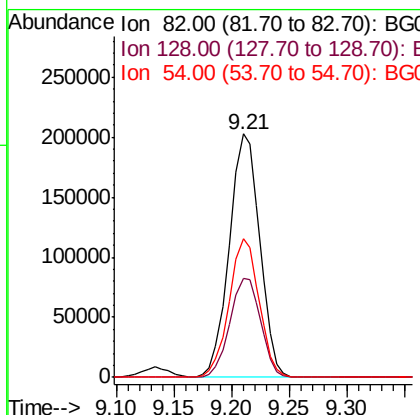
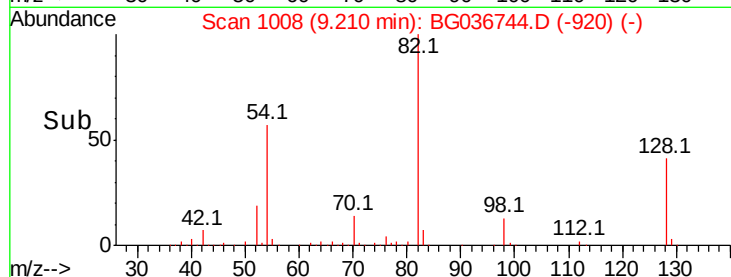
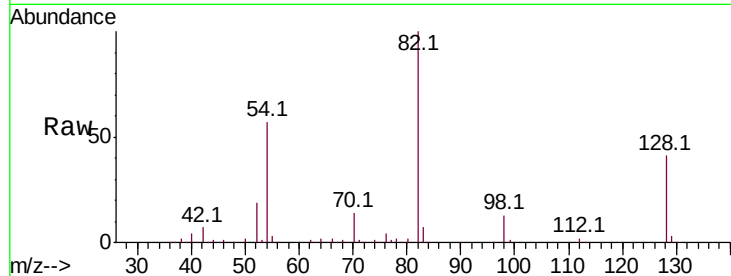
#23
Nitrobenzene-d5
Concen: 90.923 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampled :
PB112846BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.8	33.3	49.9	
54	56.9	45.1	67.7	

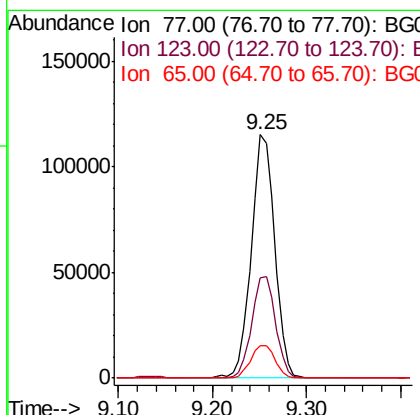
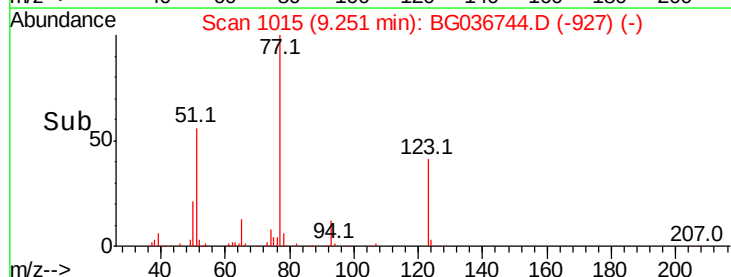
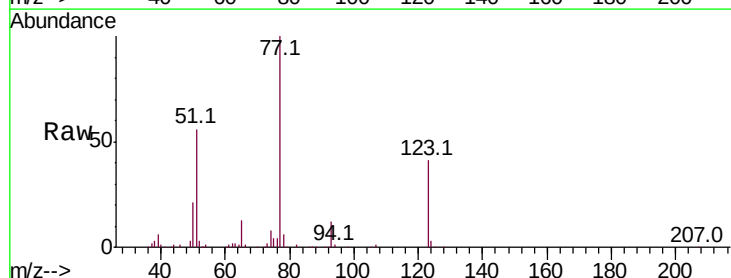
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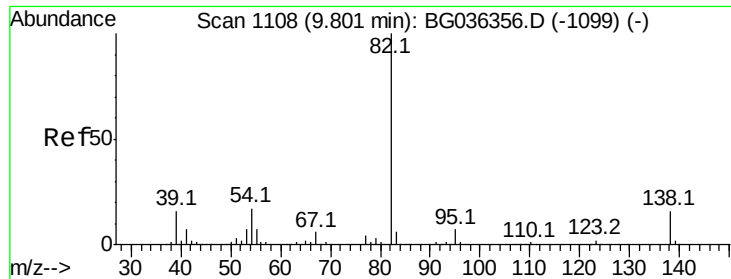
Sohil
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#24
Nitrobenzene
Concen: 45.427 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.0	32.4	48.6	
65	13.2	11.5	17.3	





#25

Isophorone

Concen: 48.177 ng

RT: 9.77 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

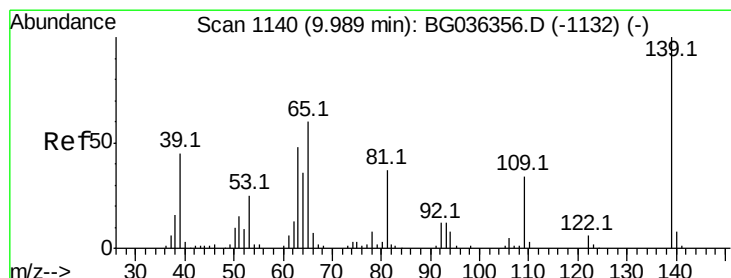
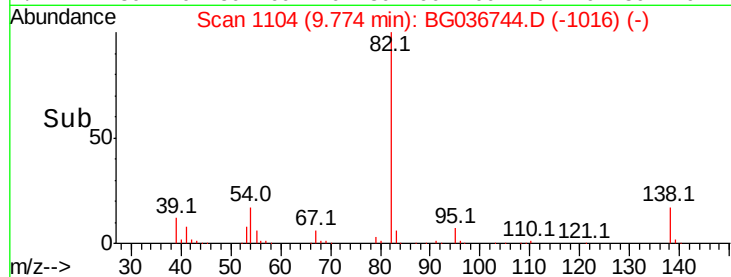
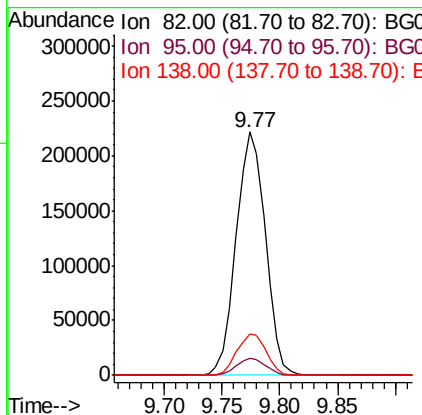
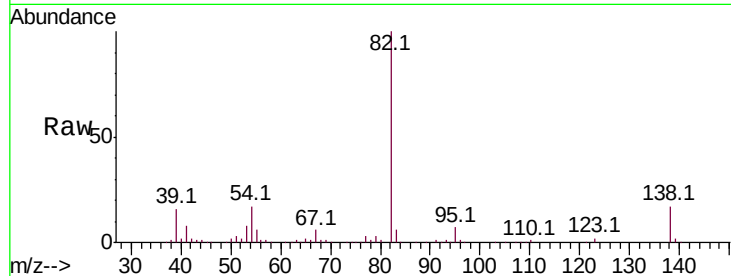
ClientSampleId :

PB112846BS

Tot Ion:	82	Resp:	390048
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.8
138	17.2	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.832 ng

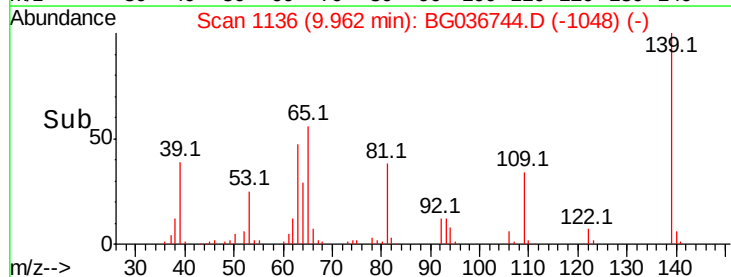
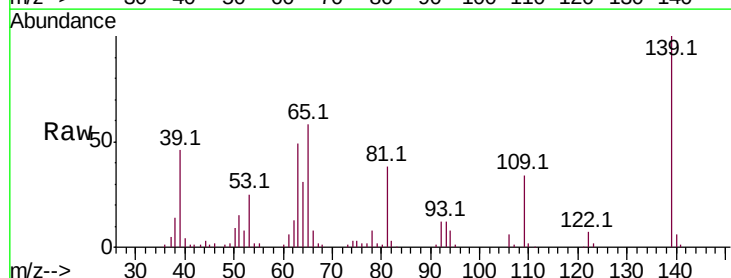
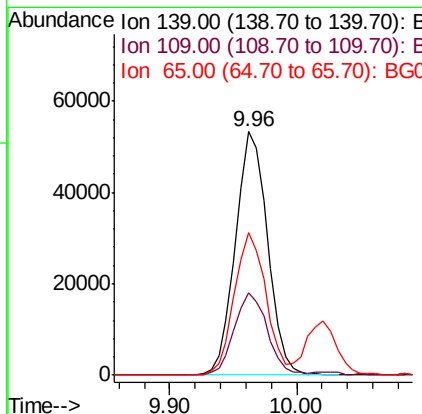
RT: 9.96 min Scan# 1136

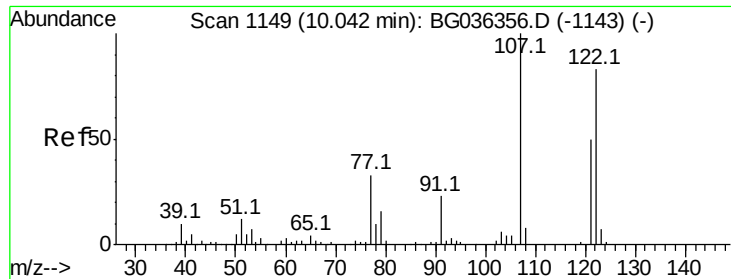
Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Tgt Ion:	139	Resp:	93748
Ion Ratio	Lower	Upper	
139	100		
109	33.7	27.4	41.0
65	58.3	47.8	71.6





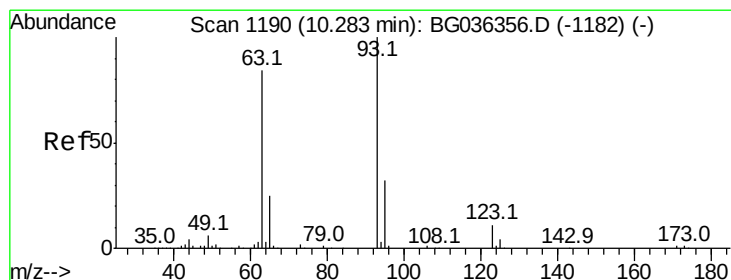
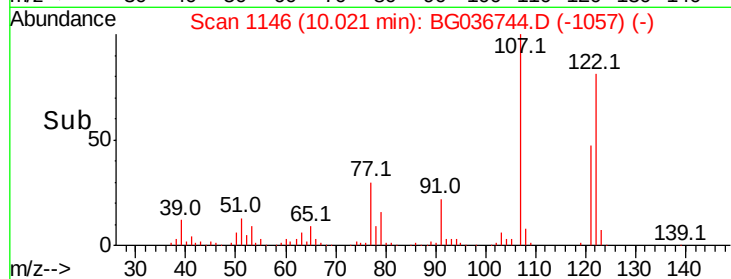
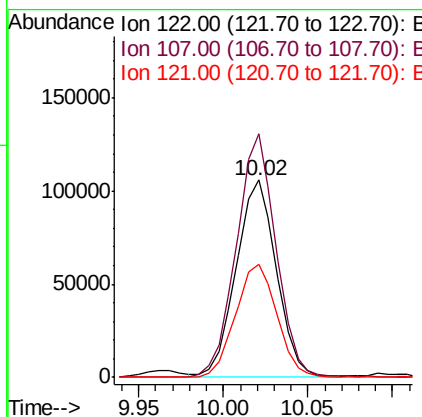
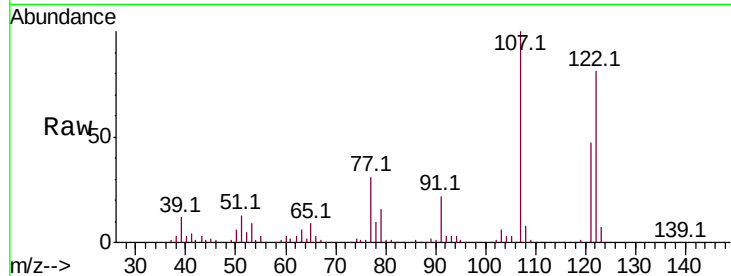
#27
 2,4-Dimethylphenol
 Concen: 54.043 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.3	96.0	144.0
121	57.5	48.2	72.4

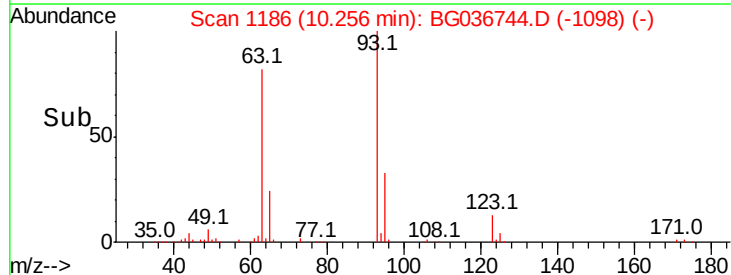
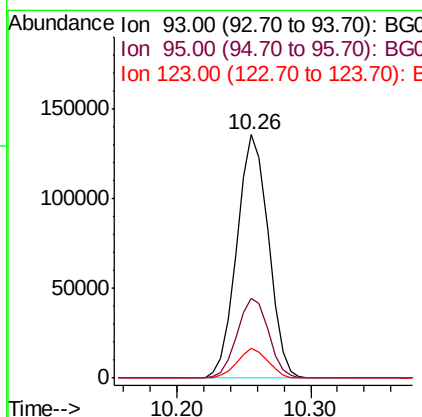
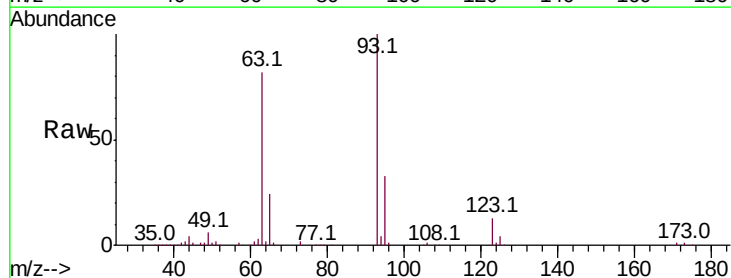
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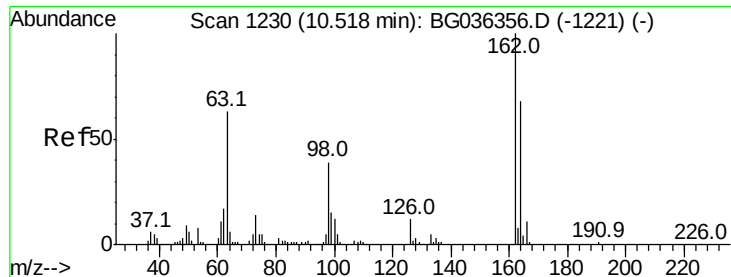
Sohil
 9/17/2018 2:36:18 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.749 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.2	37.8
123	12.5	8.6	12.8





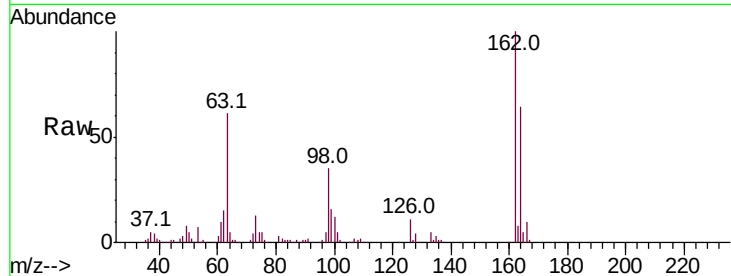
#29
 2,4-Dichlorophenol
 Concen: 52.954 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampled :
 PB112846BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	187113		
164	63.6	47.6	87.6	
98	35.1	19.2	59.2	

Manual Integrations
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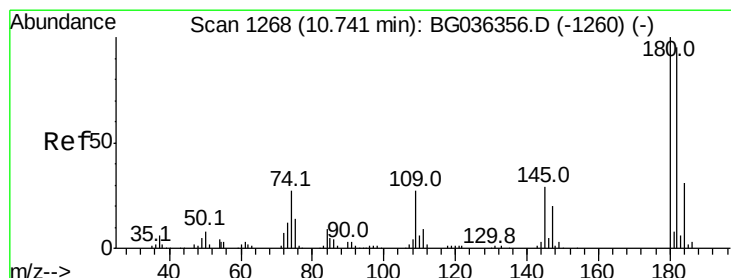
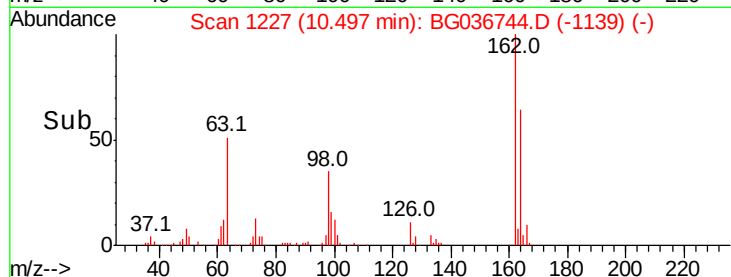
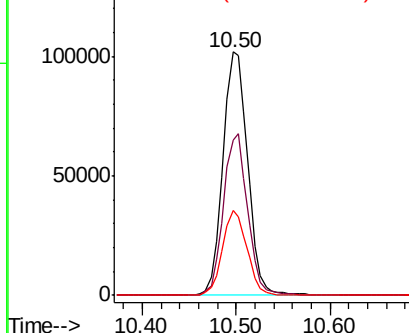


Abundance

Ion 162.00 (161.70 to 162.70): E

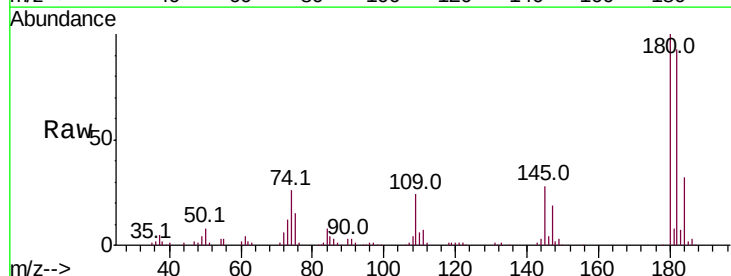
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 42.131 ng
 RT: 10.71 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174155		
182	92.7	76.0	114.0	
145	27.9	22.9	34.3	

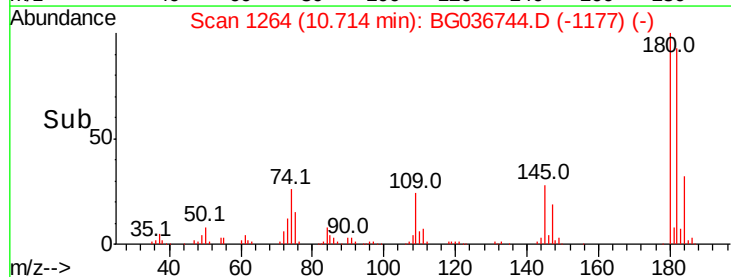
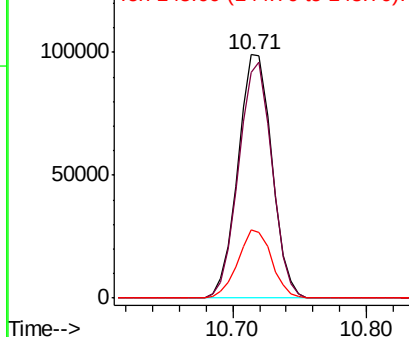


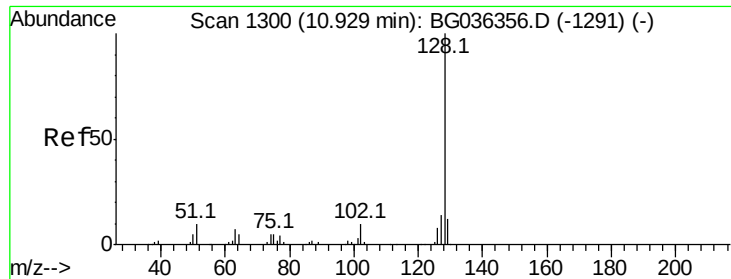
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





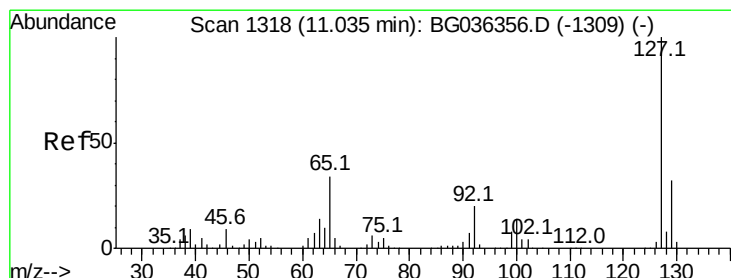
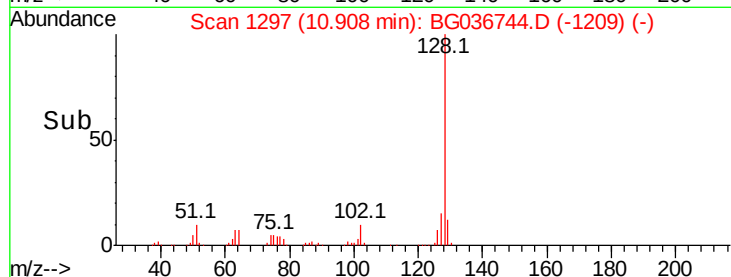
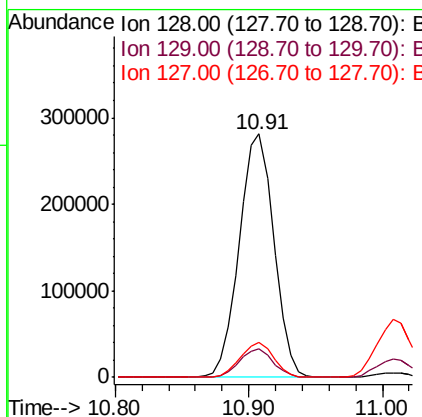
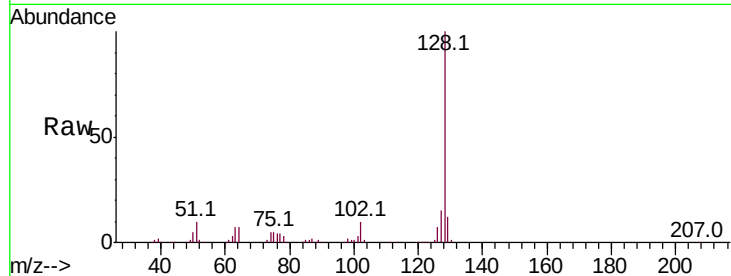
#31
Naphthalene
Concen: 45.585 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.4	14.2	
127	14.6	11.0	16.4	

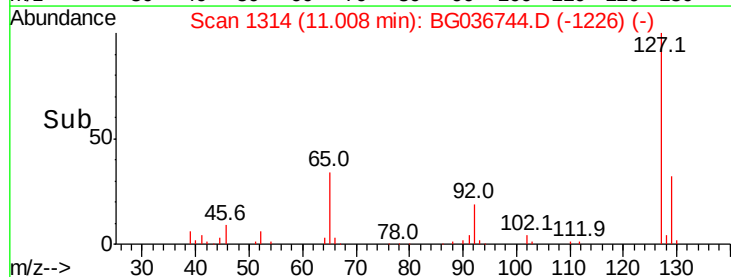
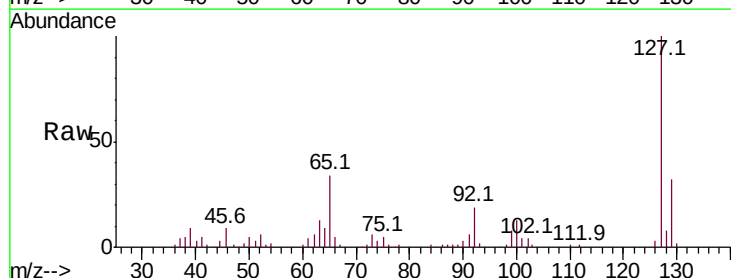
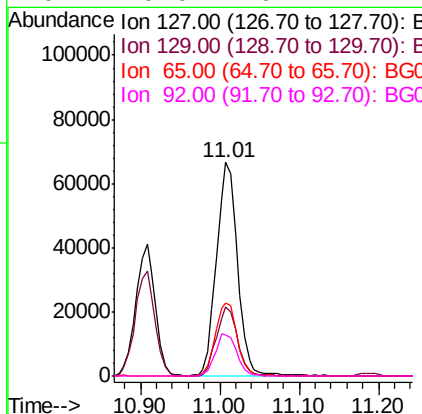
Manual Integrations
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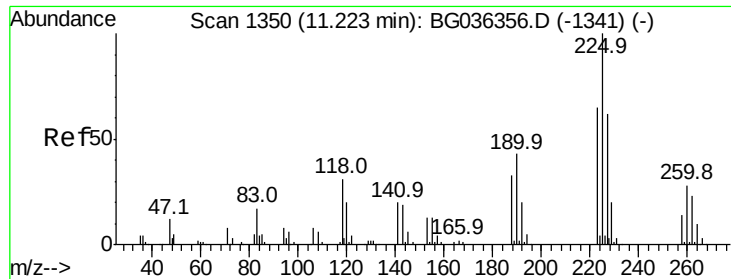
Sohil
9/17/2018 2:36:18 PM



#33
4-Chloroaniline
Concen: 24.260 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.9	38.9	
65	34.1	27.5	41.3	
92	19.0	16.2	24.2	





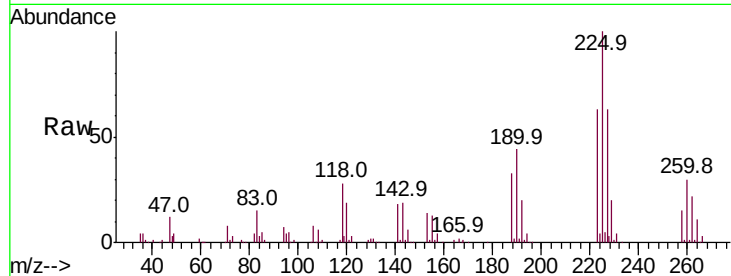
#34
Hexachlorobutadiene
Concen: 41.937 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.8	77.8
227	63.3	49.8	74.6

Manual Integrations
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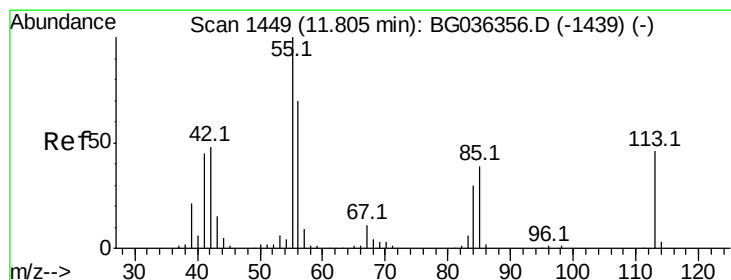
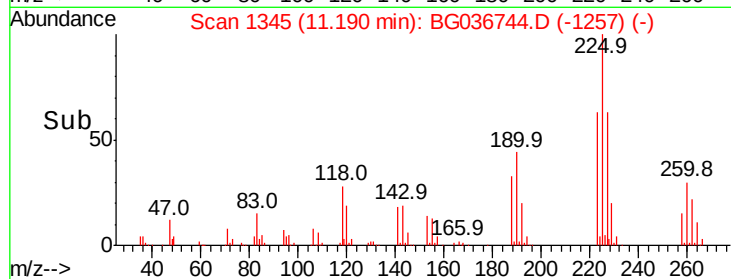
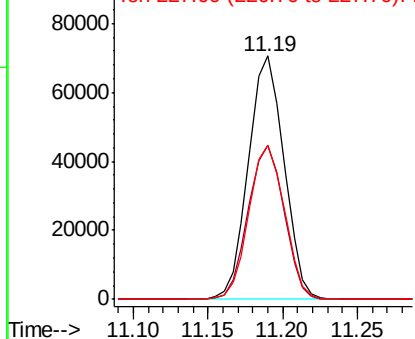


Abundance

Ion 225.00 (224.70 to 225.70): E

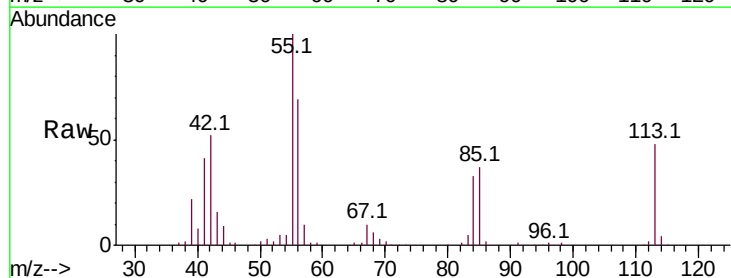
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 50.589 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
113	100		
55	207.3	197.7	237.7
56	142.9	131.7	171.7

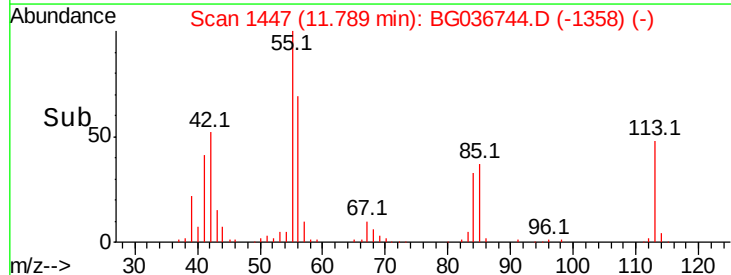
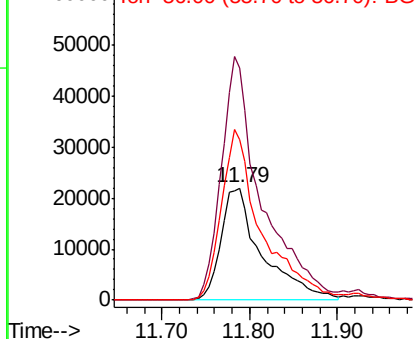


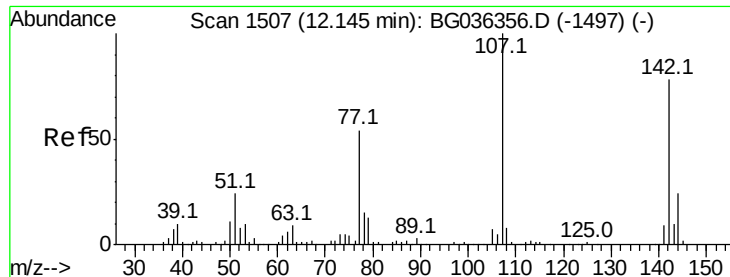
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG





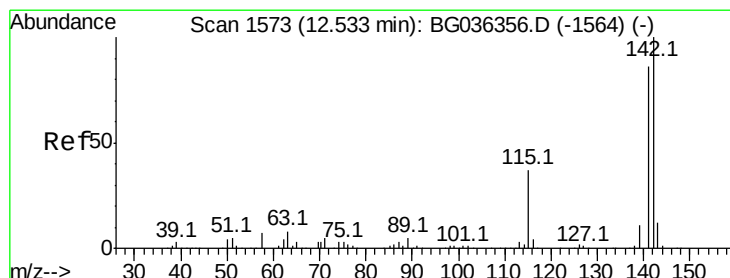
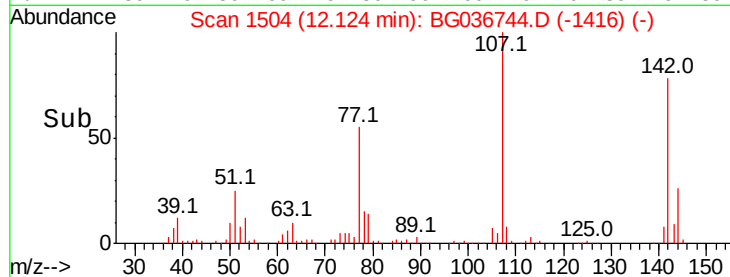
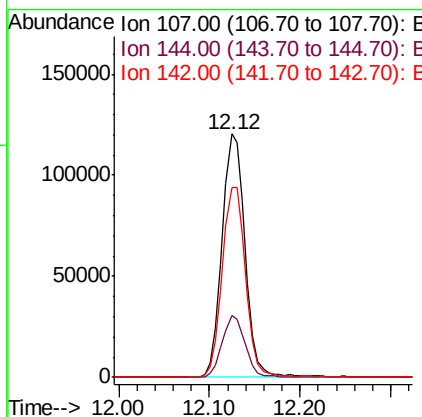
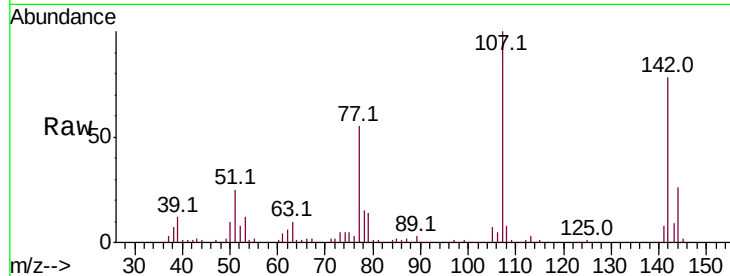
#36
 4-Chloro-3-methylphenol
 Concen: 51.493 ng
 RT: 12.12 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.5	29.3
142	78.1	62.4	93.6

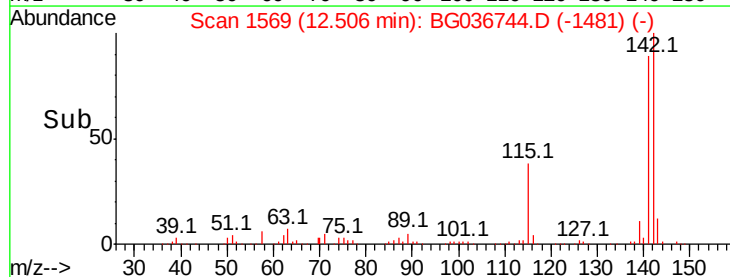
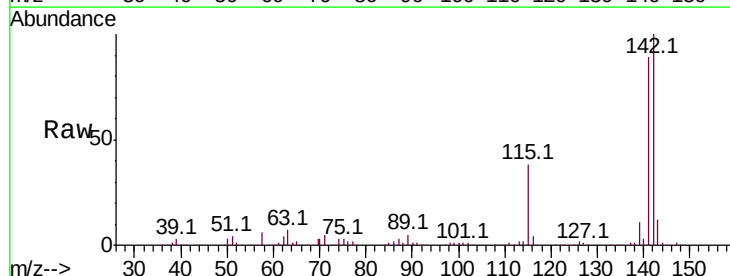
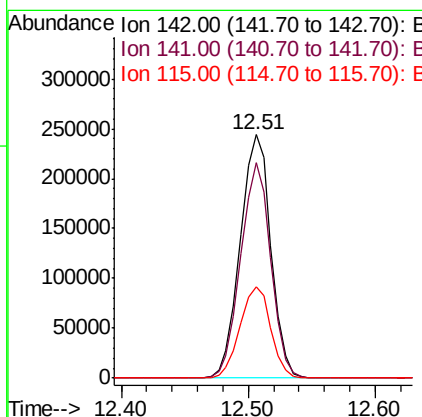
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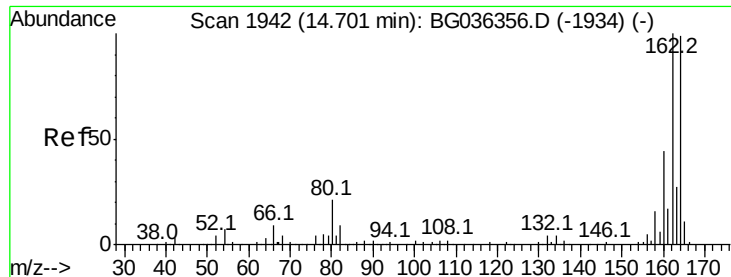
Sohil
 9/17/2018 2:36:18 PM



#37
 2-Methylnaphthalene
 Concen: 50.414 ng
 RT: 12.51 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	68.5	102.7
115	37.5	29.8	44.8





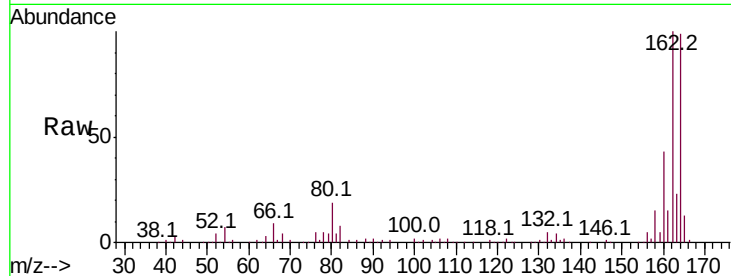
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampled :
PB112846BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.7	121.1
160	43.3	35.3	52.9

Manual Integrations
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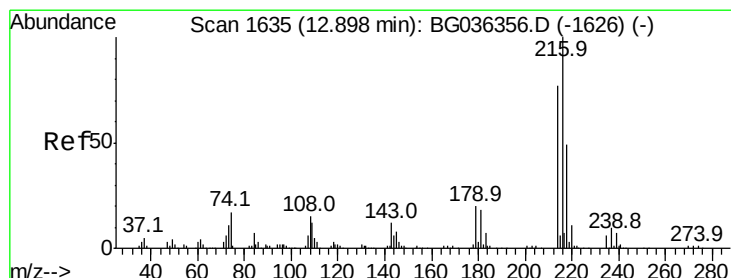
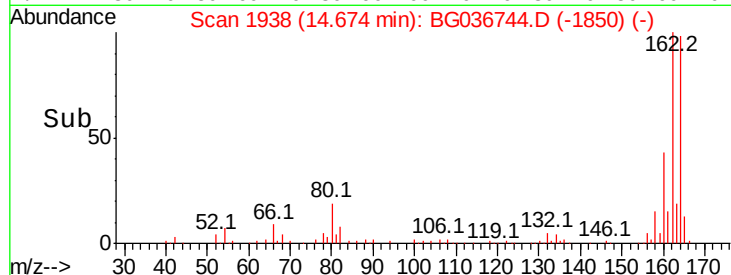
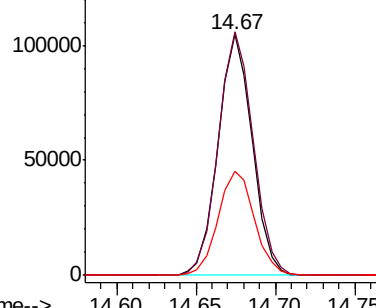


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.200 ng
RT: 12.87 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.4	61.0	91.6
179	19.2	15.7	23.5
108	17.9	13.1	19.7

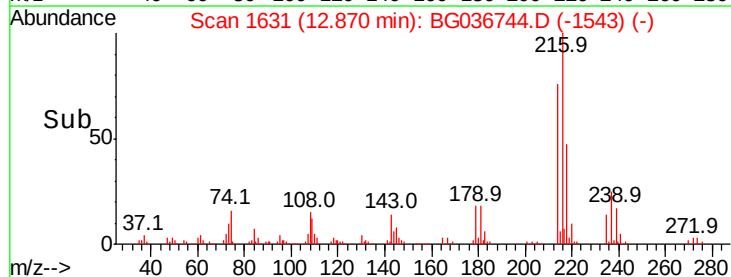
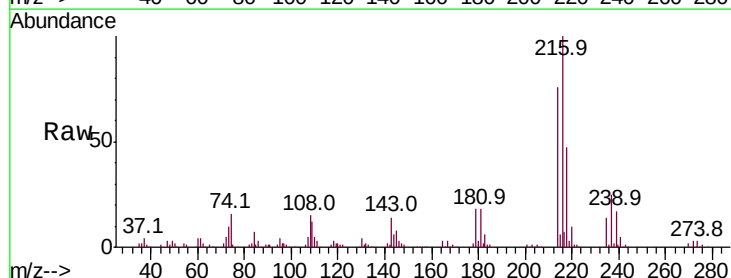
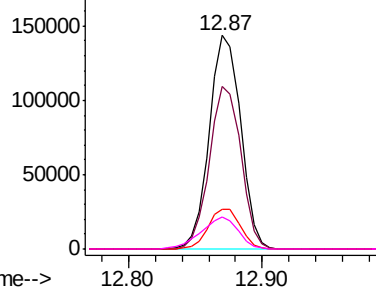
Abundance

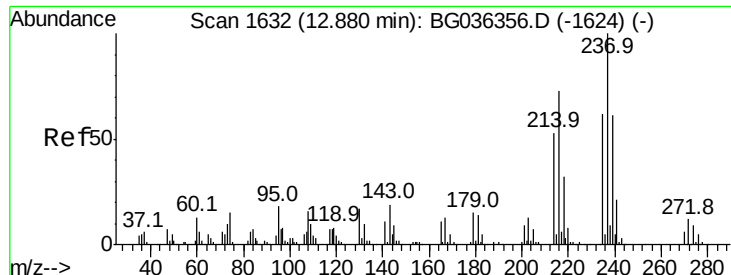
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





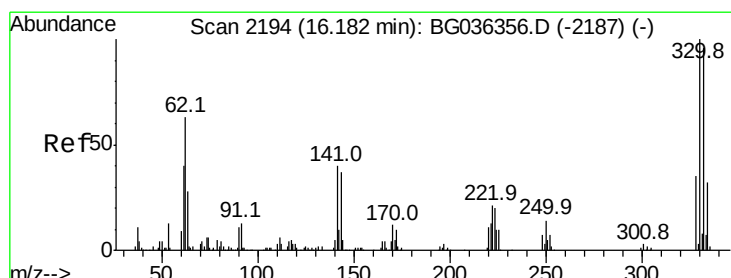
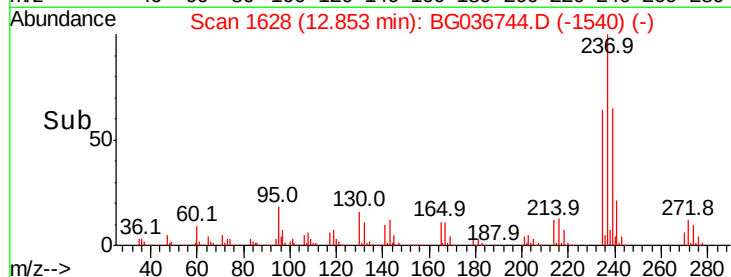
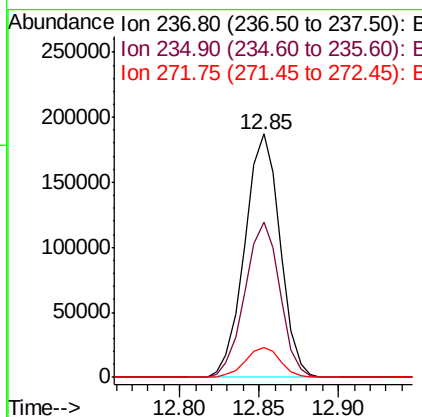
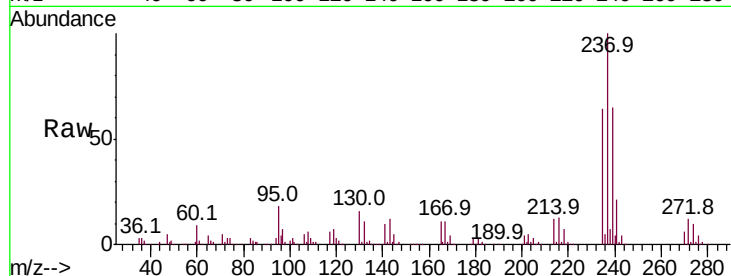
#40
Hexachlorocyclopentadiene
Concen: 100.681 ng
RT: 12.85 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	42.2	82.2
272	12.1	0.0	32.1

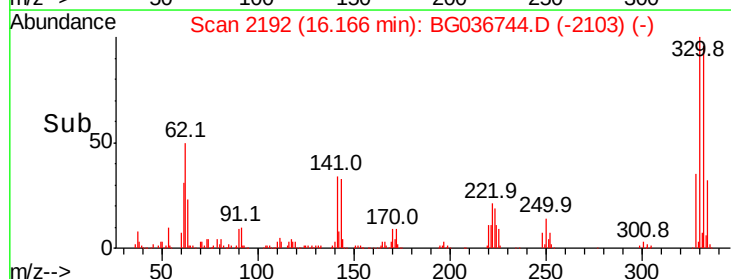
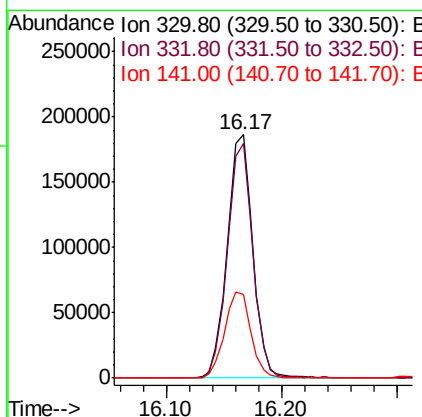
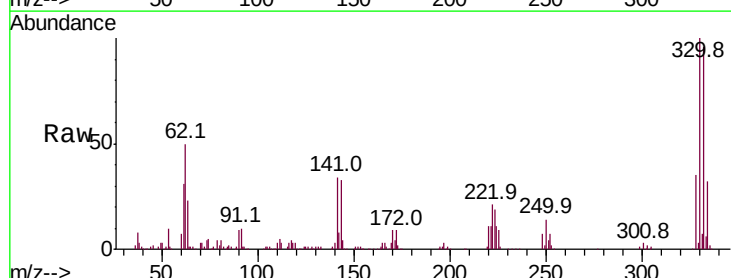
Manual Integrations
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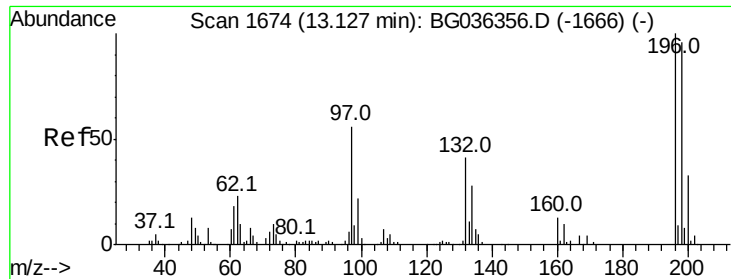
Sohil
9/17/2018 2:36:18 PM



#41
2,4,6-Tribromophenol
Concen: 153.486 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.8	75.4	113.2
141	36.4	30.7	46.1





#42

2,4,6-Trichlorophenol

Concen: 50.282 ng

RT: 13.11 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

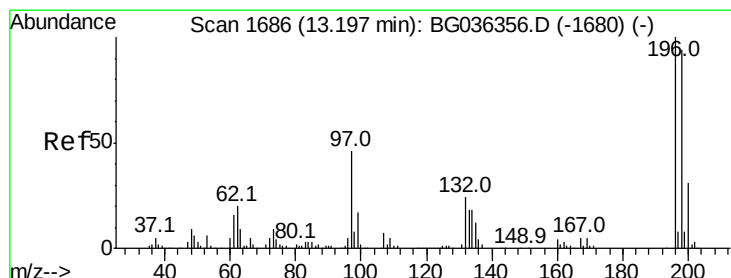
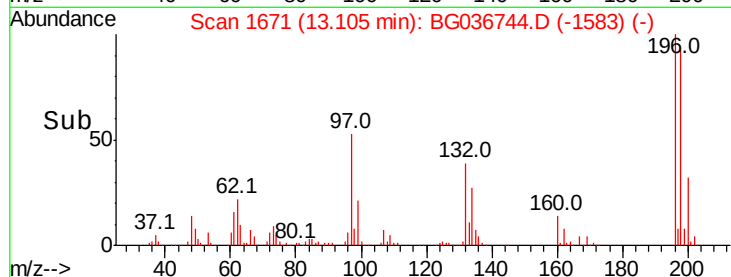
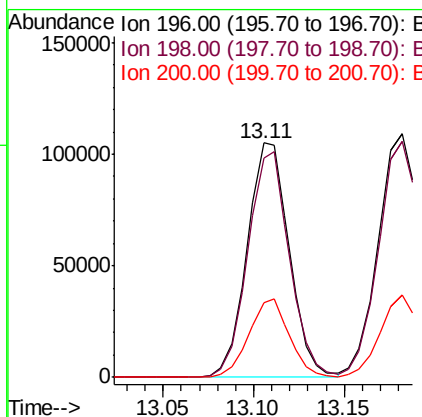
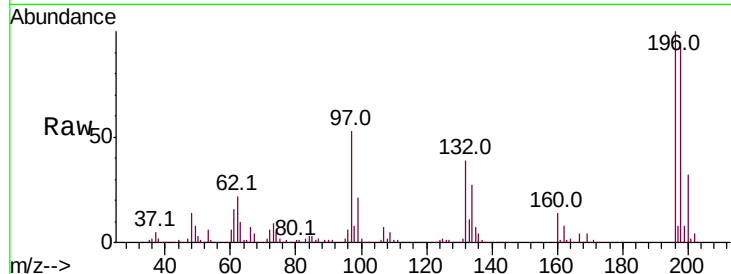
ClientSampleId :

PB112846BS

Tot Ion:	196	Resp:	169629
Ion Ratio	Lower	Upper	
196	100		
198	93.3	77.2	115.8
200	31.9	26.3	39.5

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 50.189 ng

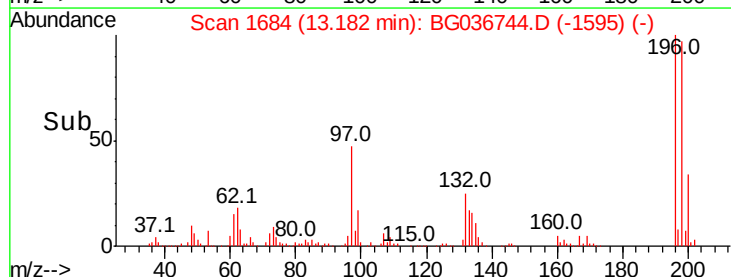
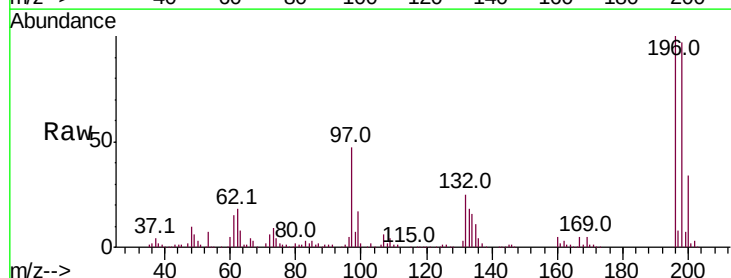
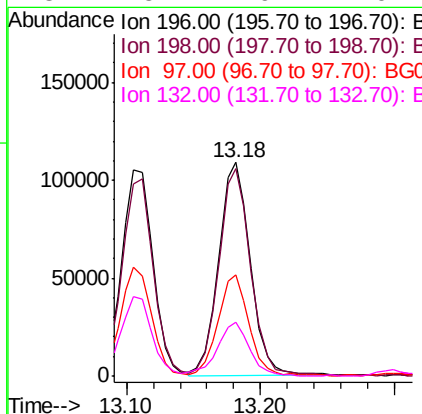
RT: 13.18 min Scan# 1684

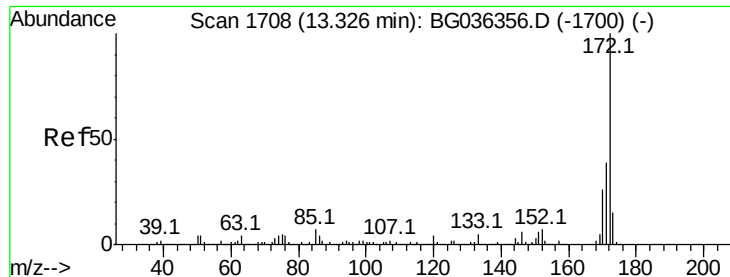
Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Tgt Ion:	196	Resp:	180593
Ion Ratio	Lower	Upper	
196	100		
198	97.0	75.6	113.4
97	47.3	37.2	55.8
132	25.2	19.4	29.2





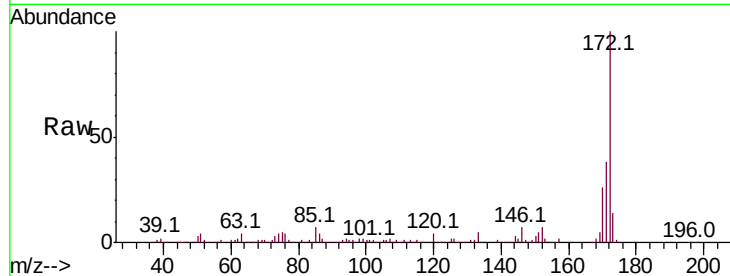
#44
2-Fluorobiphenyl
Concen: 81.480 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	25.7	21.0	31.6

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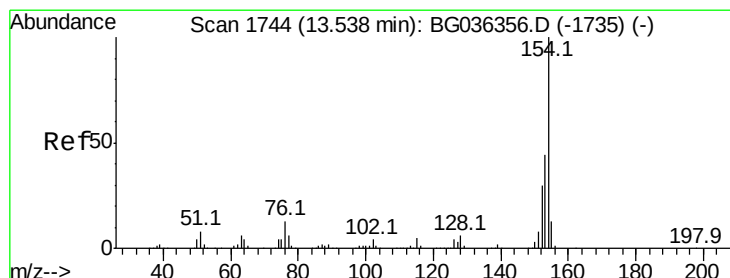
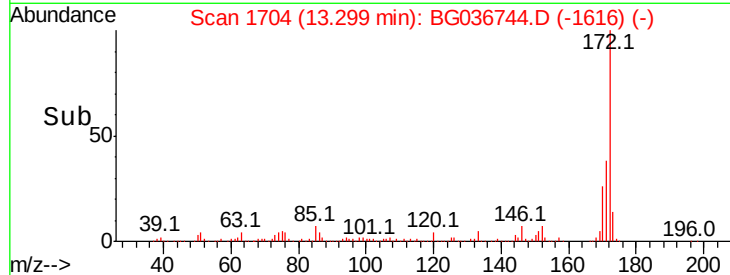
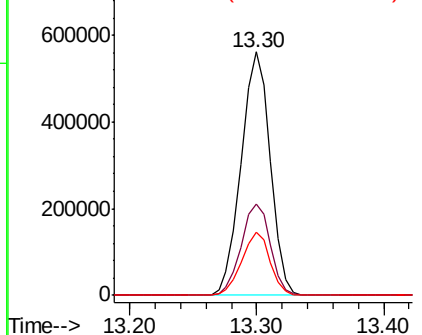


Abundance

Ion 172.00 (171.70 to 172.70): E

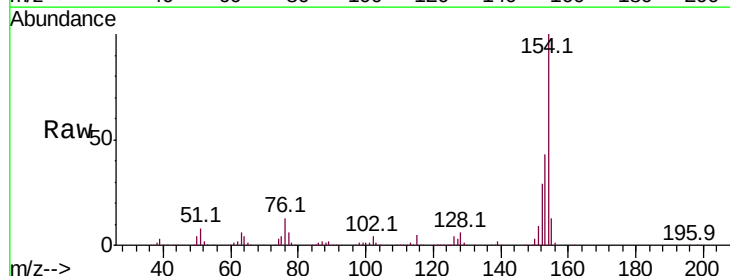
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45
1,1'-Biphenyl
Concen: 41.347 ng
RT: 13.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	24.0	64.0
76	13.0	0.0	32.9

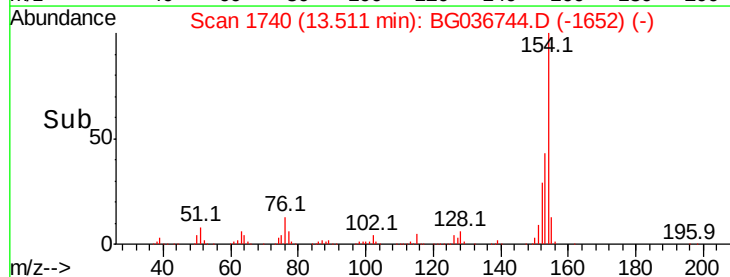
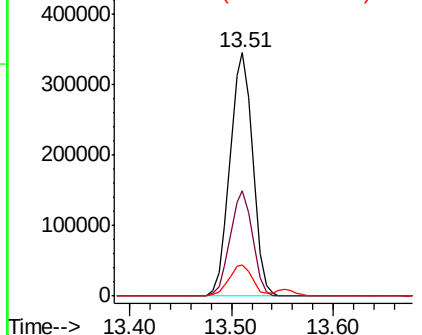


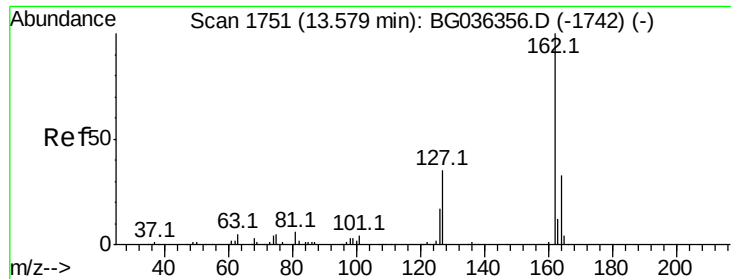
Abundance

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): BG





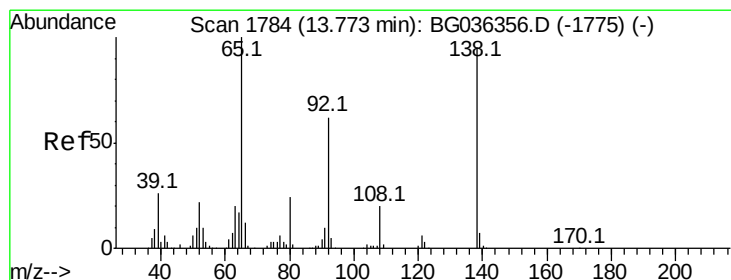
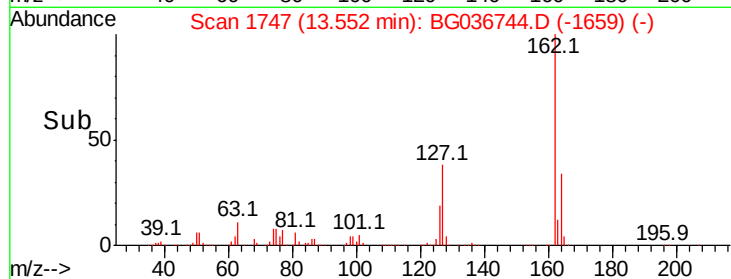
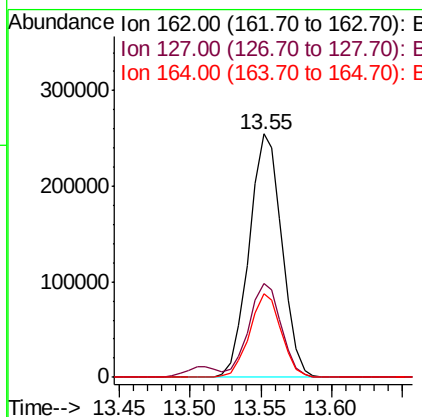
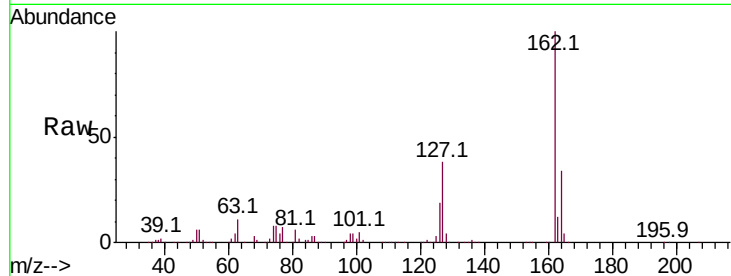
#46
2-Chloronaphthalene
Concen: 41.810 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.7	46.1
164	34.1	26.7	40.1

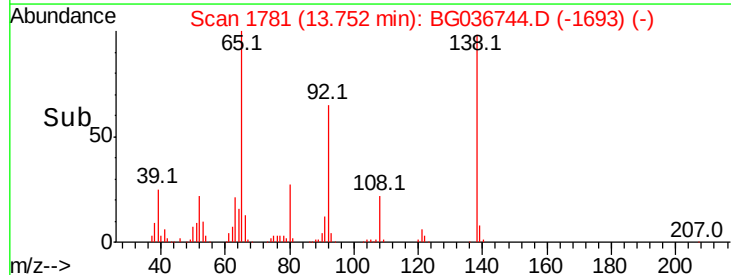
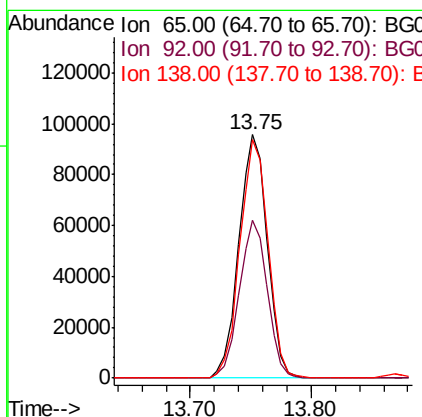
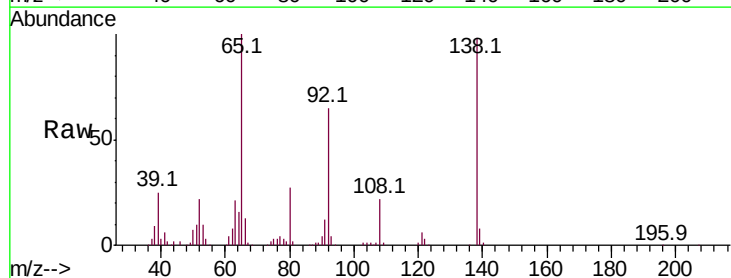
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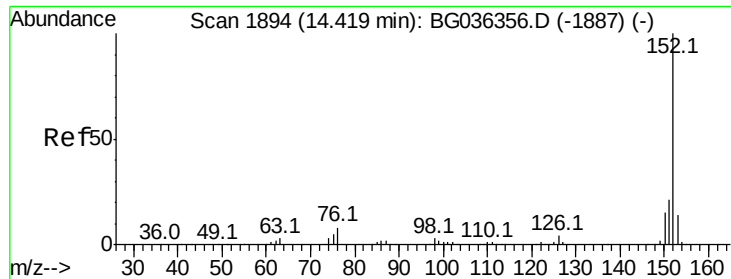
Sohil
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#47
2-Nitroaniline
Concen: 50.465 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	49.9	74.9
138	97.9	76.2	114.4





#48

Acenaphthylene

Concen: 46.680 ng

RT: 14.40 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

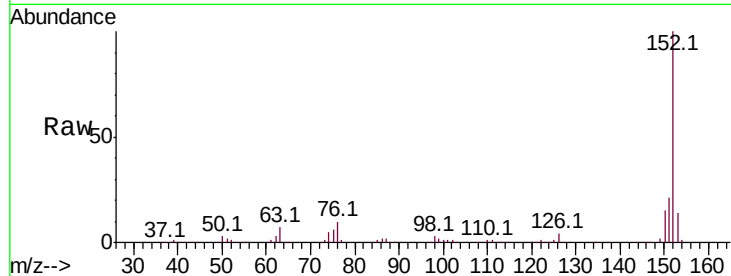
ClientSampleId :

PB112846BS

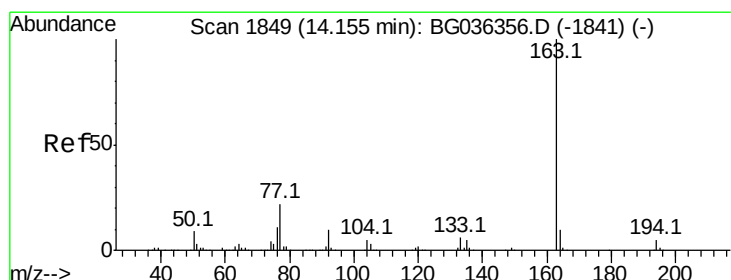
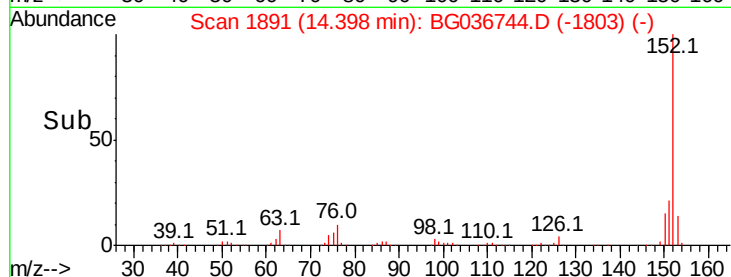
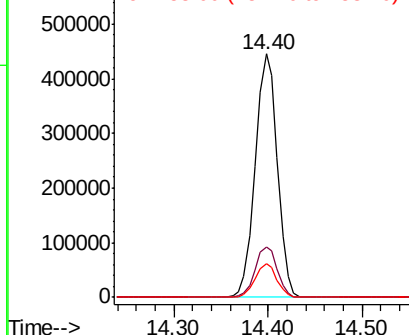
Tot Ion:	152	Resp:	723466
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.9	25.3
153	13.7	11.2	16.8

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.827 ng

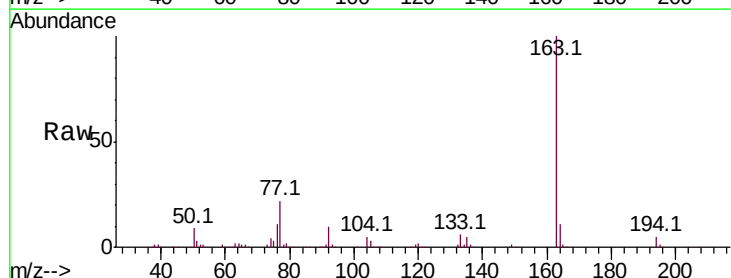
RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

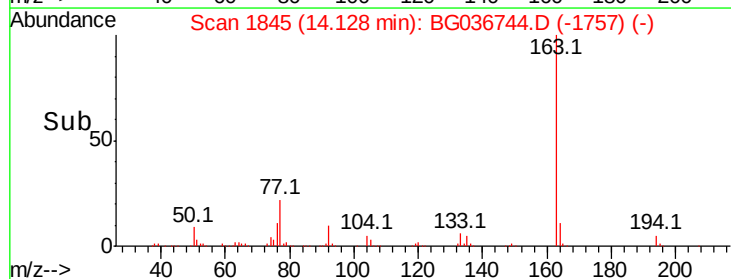
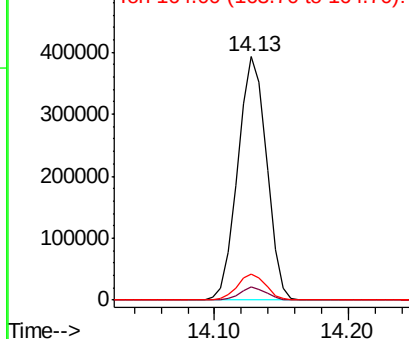
Lab File: BG036744.D

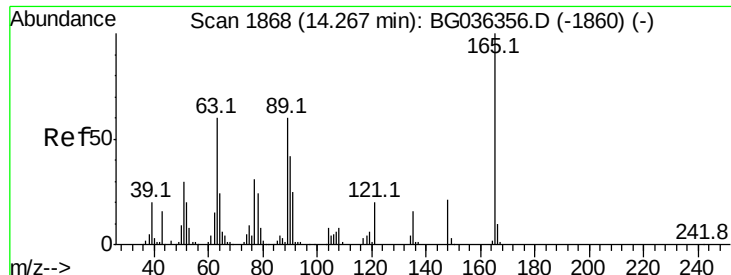
Acq: 15 Sep 2018 16:55

Tgt Ion:	163	Resp:	585597
Ion Ratio	Lower	Upper	
163	100		
194	5.2	4.0	6.0
164	10.7	8.1	12.1



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





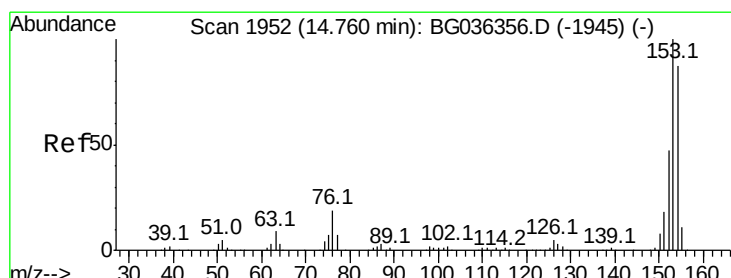
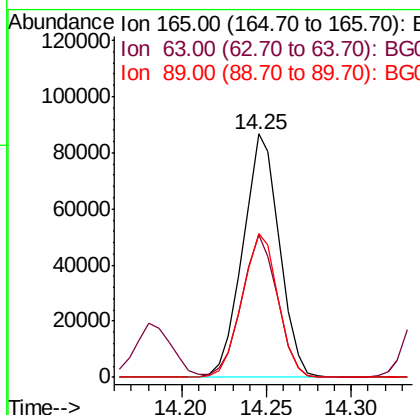
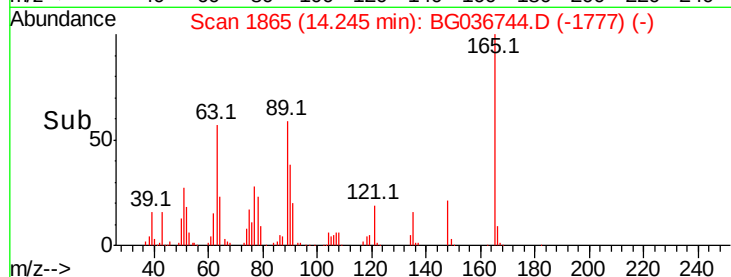
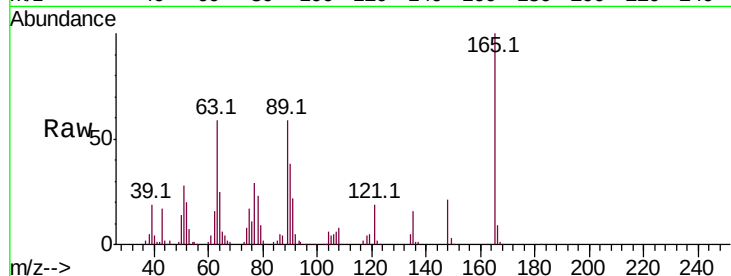
#50
2,6-Dinitrotoluene
Concen: 49.601 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	130424		
63	58.5	50.1	75.1	
89	59.3	47.8	71.6	

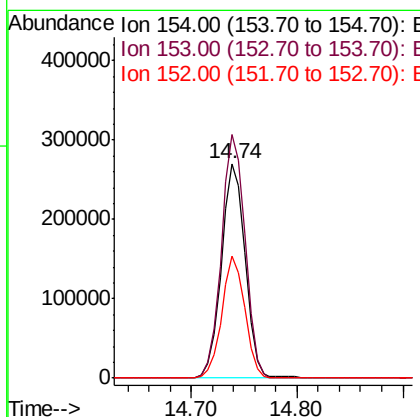
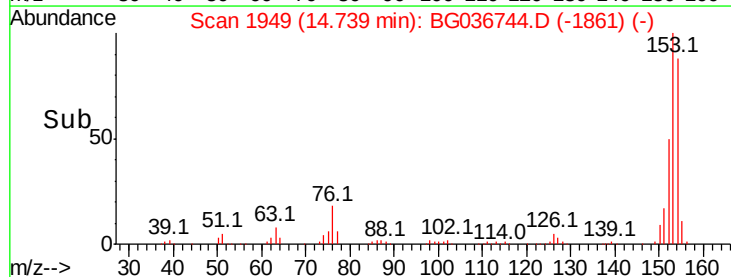
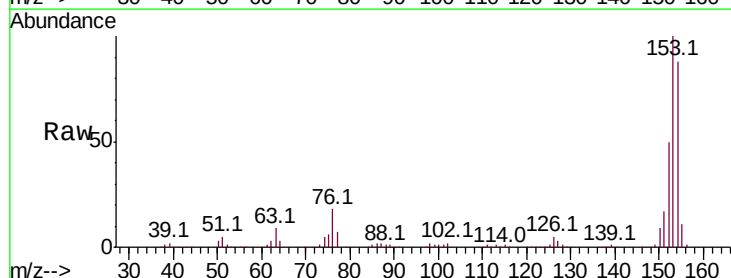
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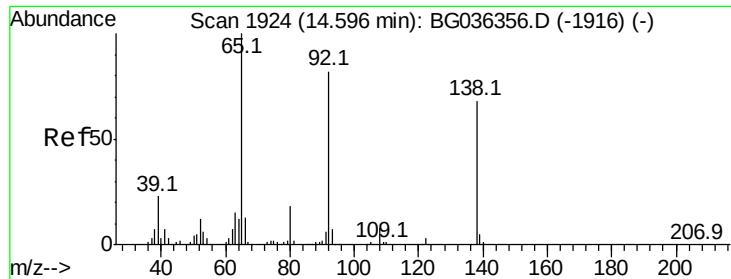
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#51
Acenaphthene
Concen: 42.539 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	422241		
153	113.5	91.8	137.6	
152	56.8	43.5	65.3	





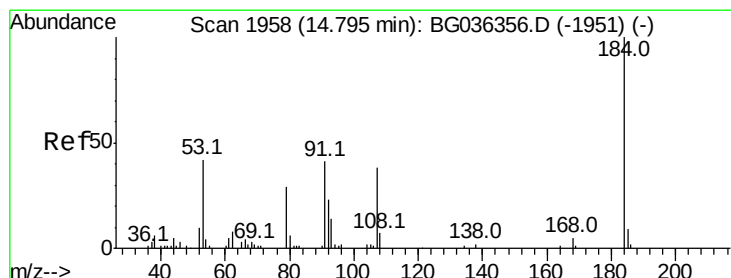
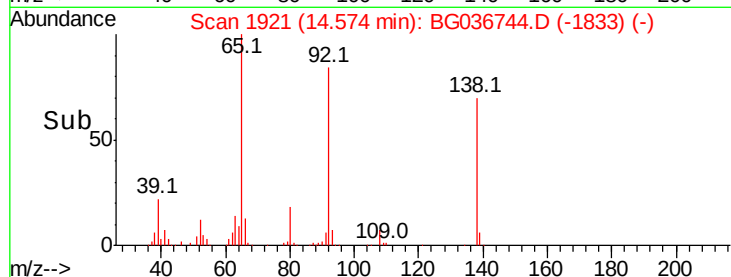
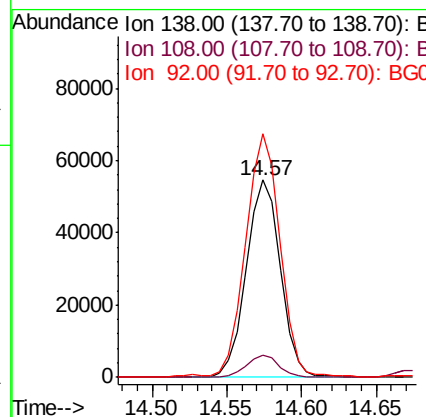
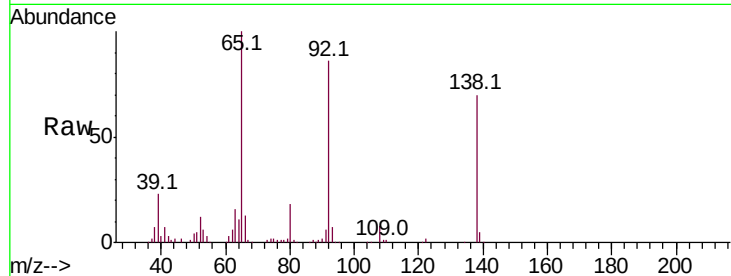
#52
3-Nitroaniline
Concen: 30.426 ng
RT: 14.57 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.4	14.2
92	123.5	96.8	145.2

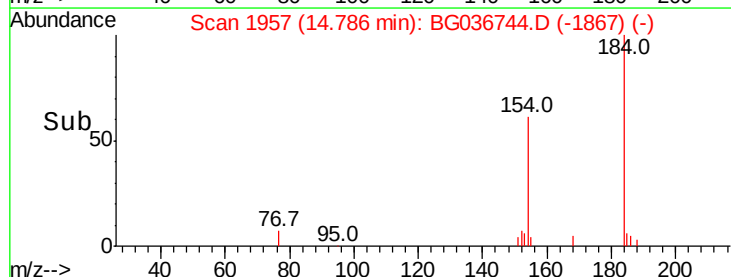
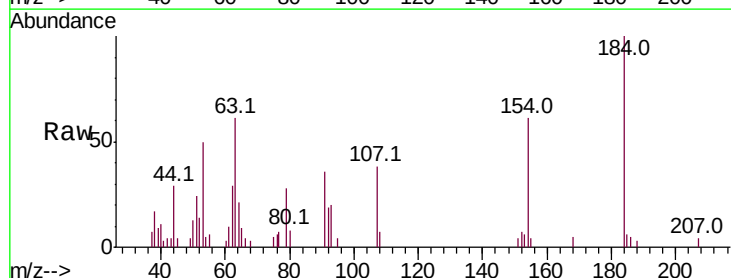
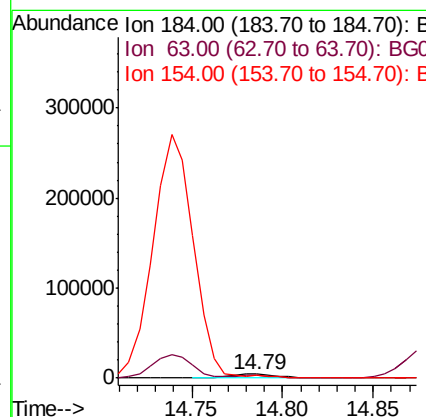
Manual Integrations
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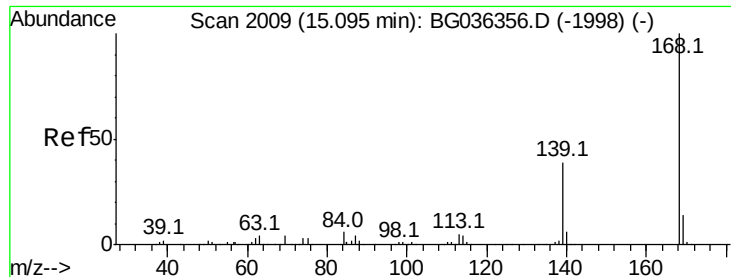
Sohil
9/17/2018 2:36:18 PM



#53
2,4-Dinitrophenol
Concen: 8.461 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.1	47.3	70.9
154	61.0	51.1	76.7





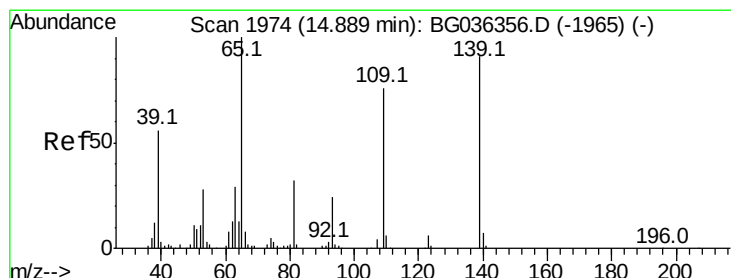
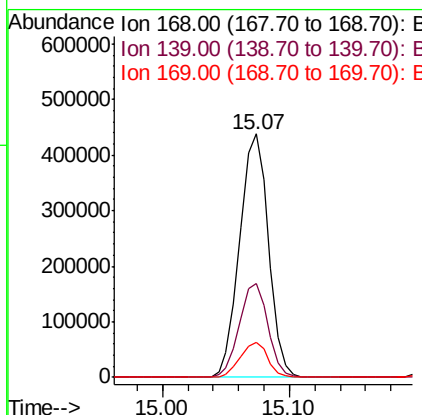
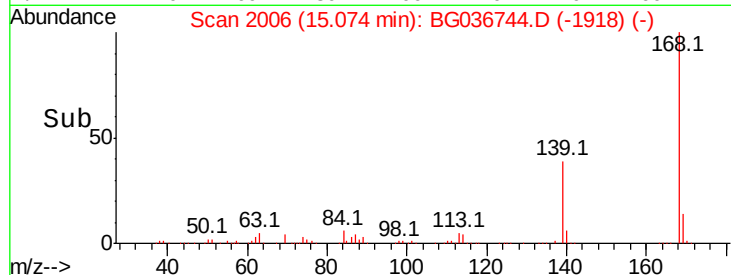
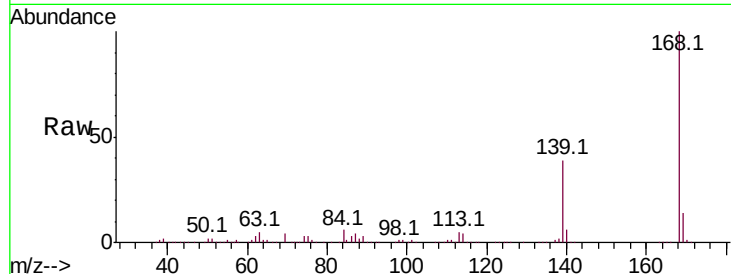
#54
Dibenzenofuran
Concen: 44.346 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.0	46.6
169	14.5	11.1	16.7

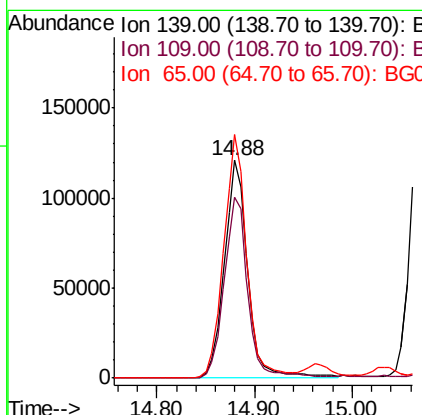
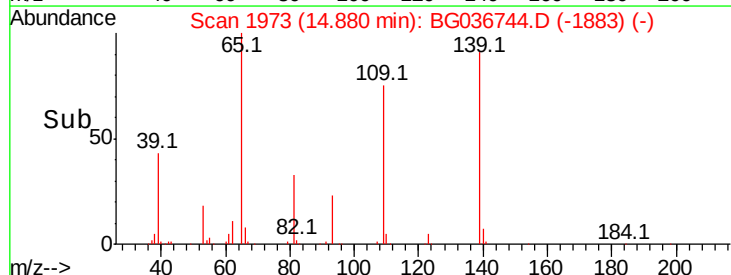
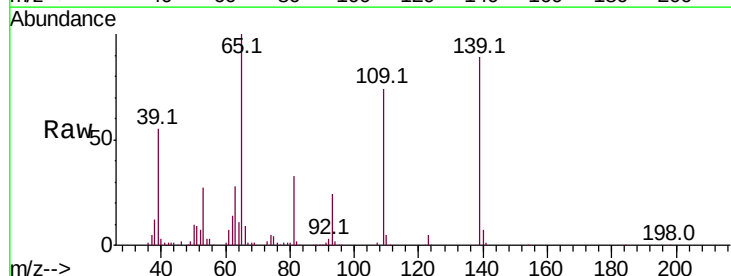
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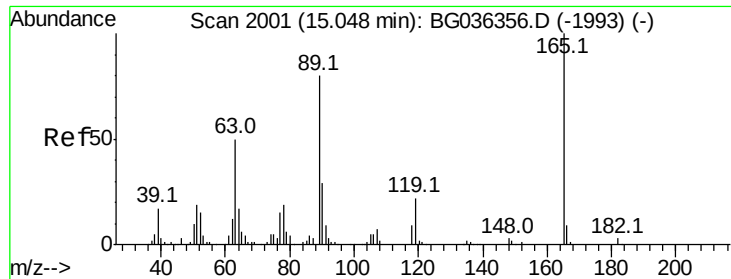
Sohil
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#55
4-Nitrophenol
Concen: 86.455 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.0	63.9	103.9
65	112.0	90.0	130.0





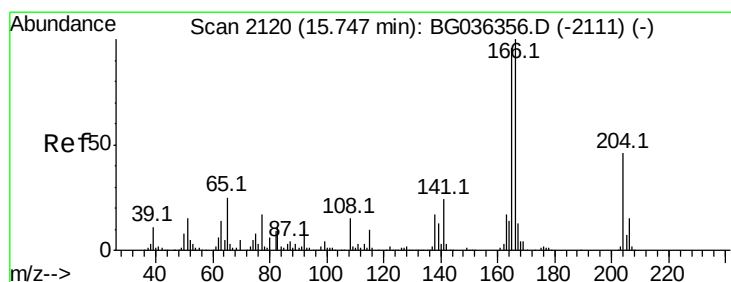
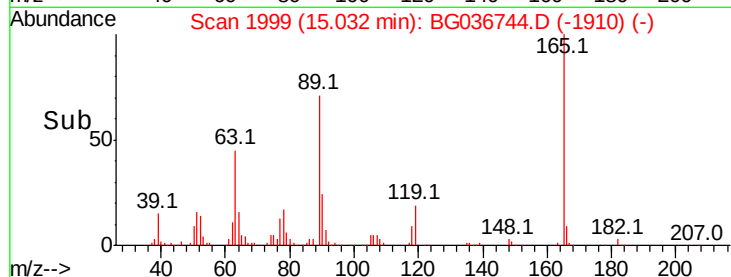
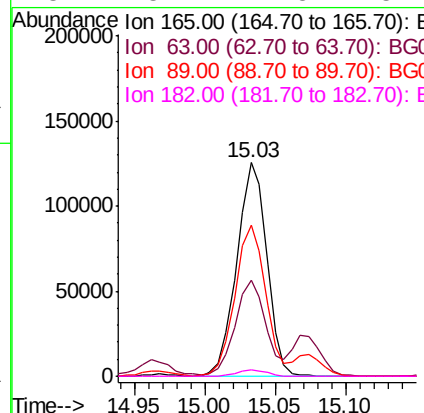
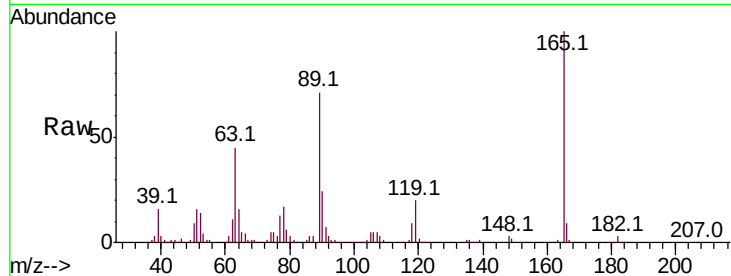
#56
2,4-Dinitrotoluene
Concen: 54.277 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	186006		
63	44.8		40.1	60.1
89	71.0		63.7	95.5
182	3.2		2.5	3.7

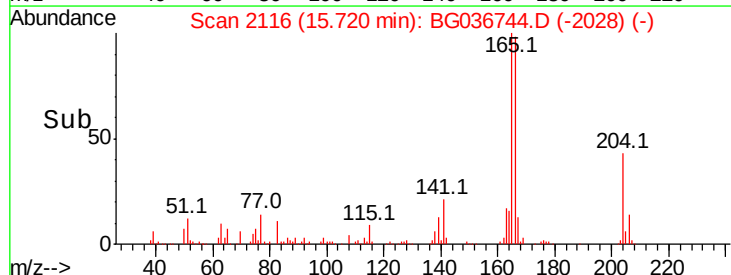
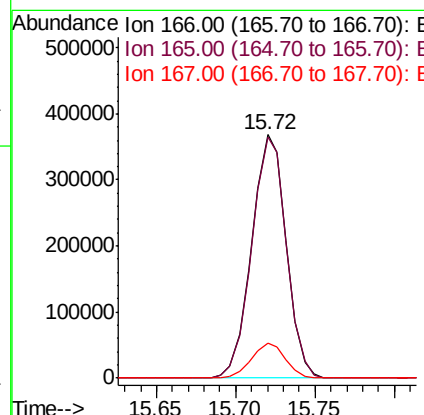
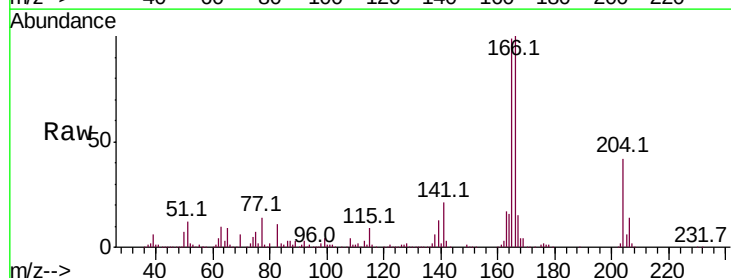
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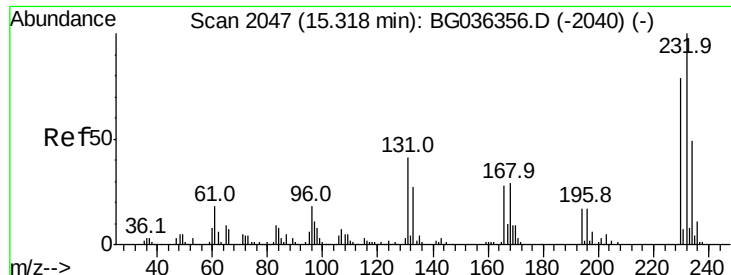
Sohil
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#57
Fluorene
Concen: 47.865 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	556429		
165	98.9		77.0	115.4
167	14.6		10.6	16.0





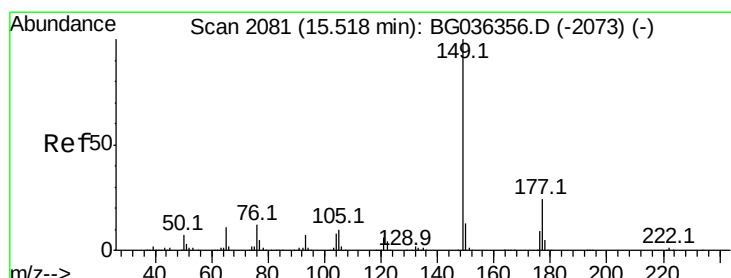
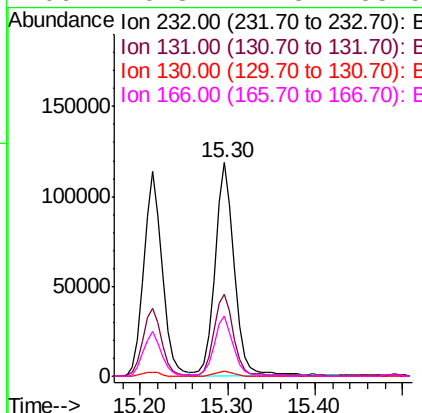
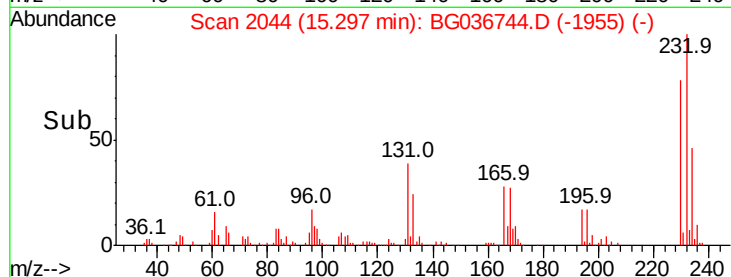
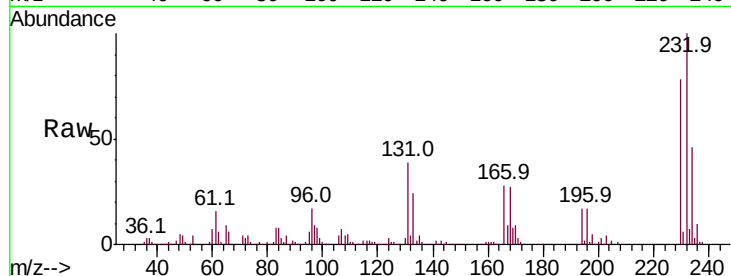
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.823 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	181959		
131	38.2		33.8	50.8
130	2.3		2.1	3.1
166	26.8		22.3	33.5

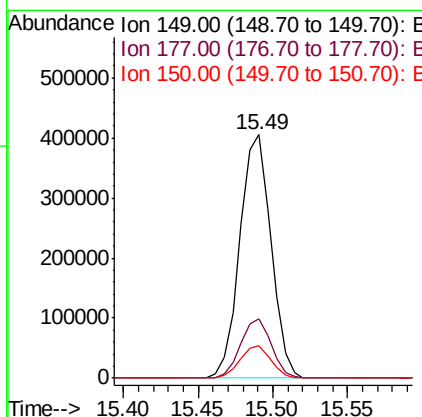
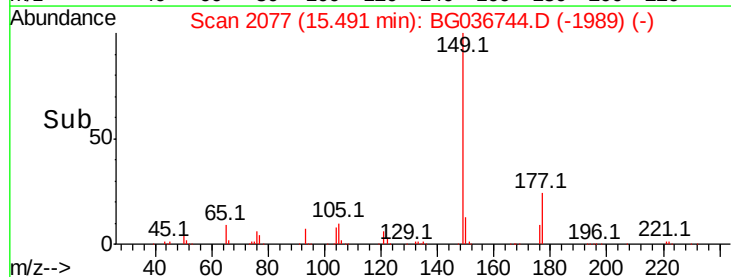
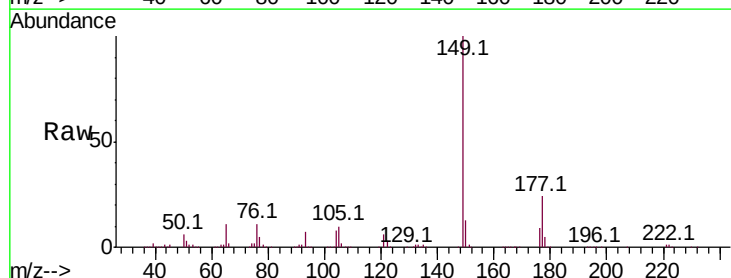
Manual Integrations
 APPROVED

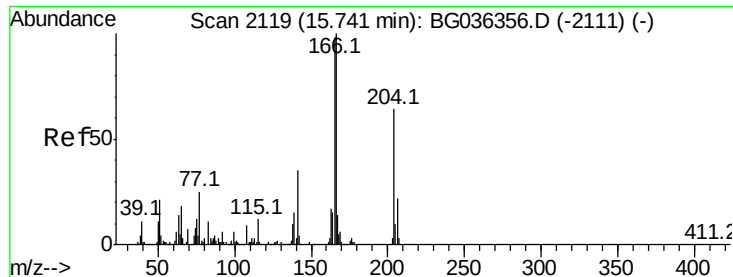
Sohil
 9/17/2018 2:36:18 PM



#59
 Diethylphthalate
 Concen: 45.604 ng
 RT: 15.49 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	587287		
177	24.3		19.1	28.7
150	13.2		10.7	16.1





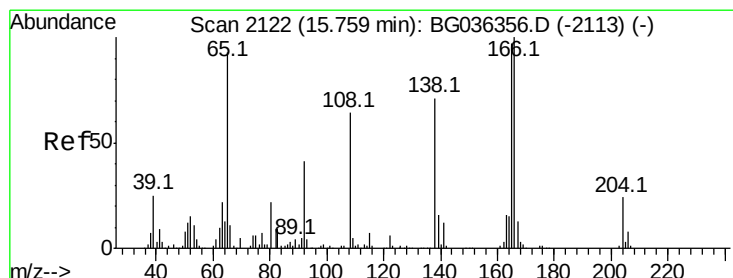
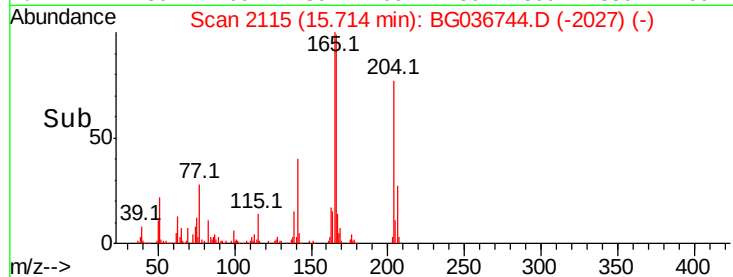
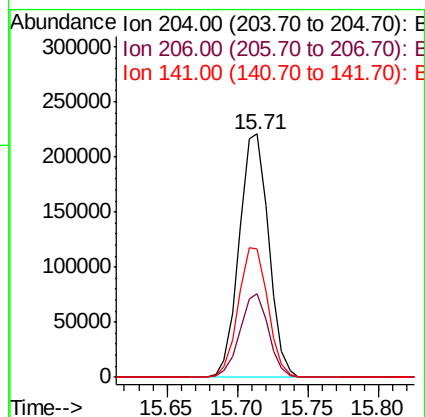
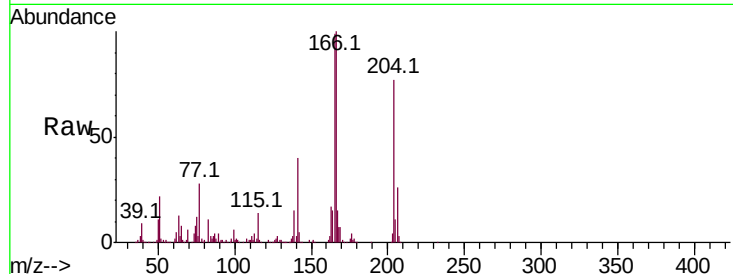
#60
4-Chlorophenyl-phenylether
Concen: 44.846 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.5	27.0	40.4	
141	52.5	43.8	65.6	

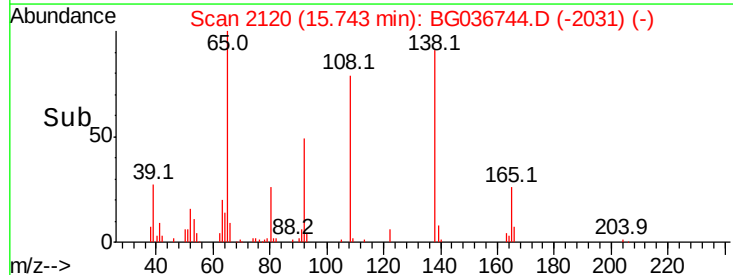
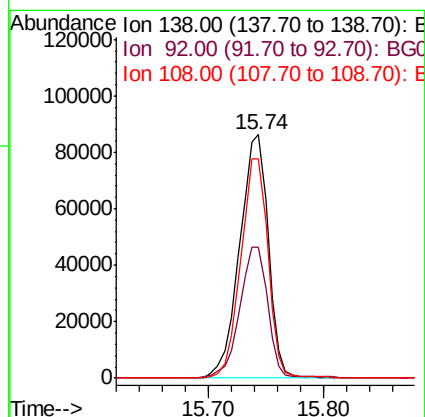
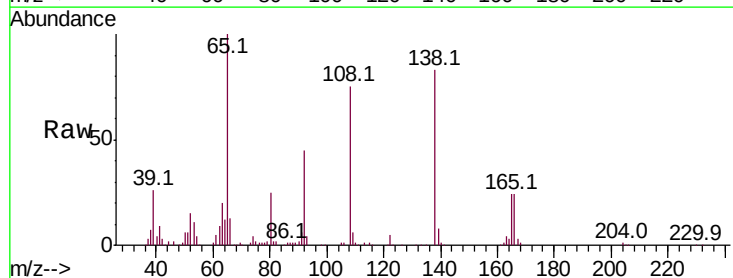
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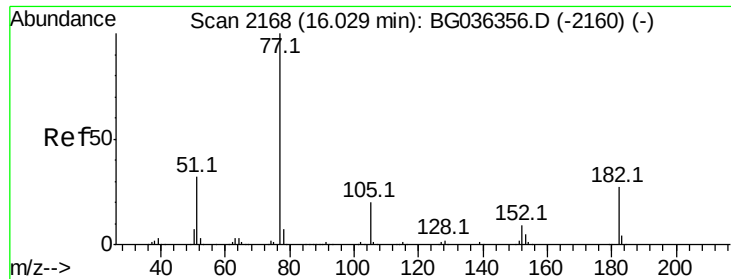
Sohil
9/17/2018 2:36:18 PM



#61
4-Nitroaniline
Concen: 50.014 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.7	38.5	78.5	
108	90.3	70.3	110.3	





#62

Azobenzene

Concen: 44.291 ng

RT: 16.01 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

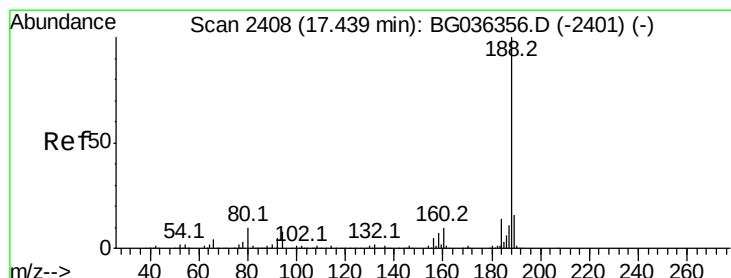
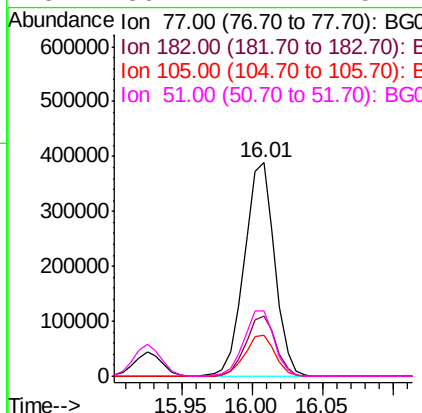
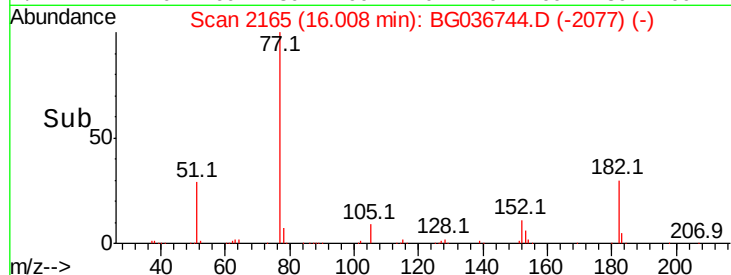
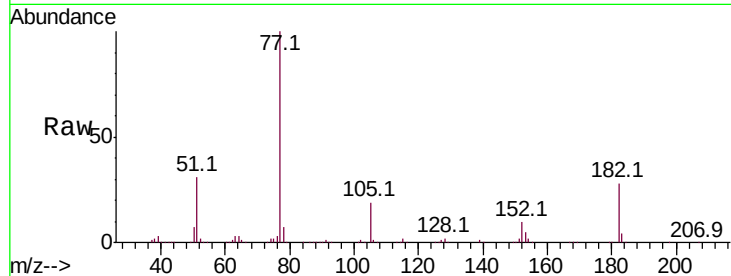
ClientSampleId :

PB112846BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.7	46.7
105	19.1	0.0	39.8
51	30.7	12.4	52.4

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

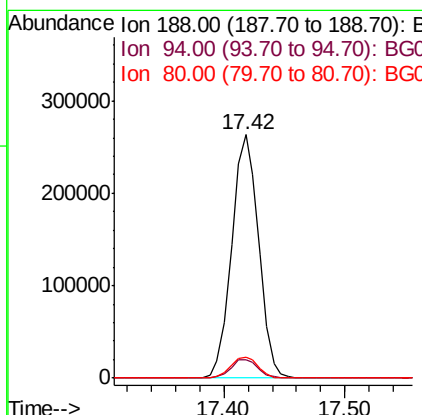
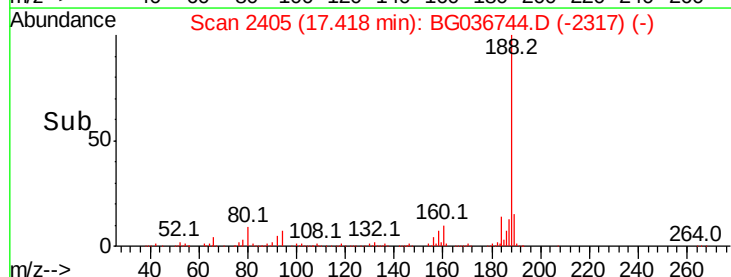
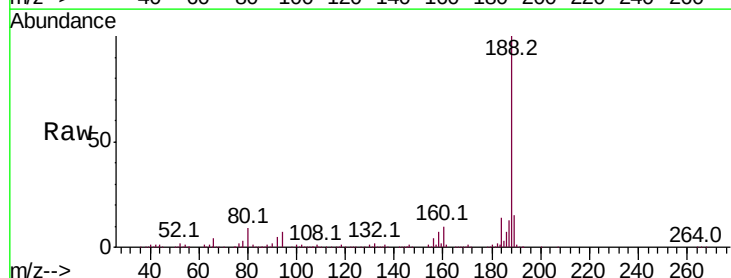
RT: 17.42 min Scan# 2405

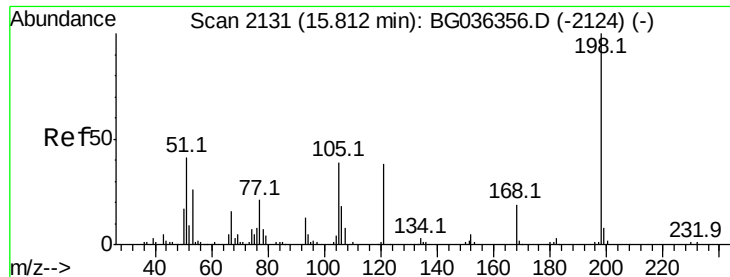
Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	8.7	8.1	12.1





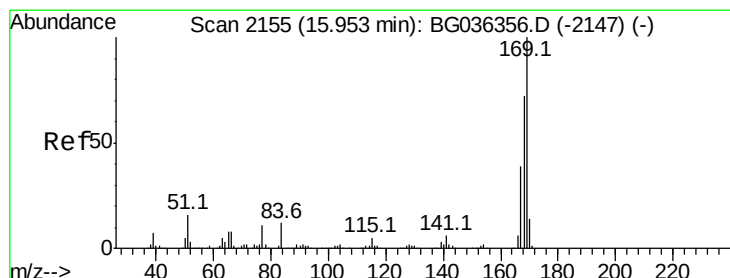
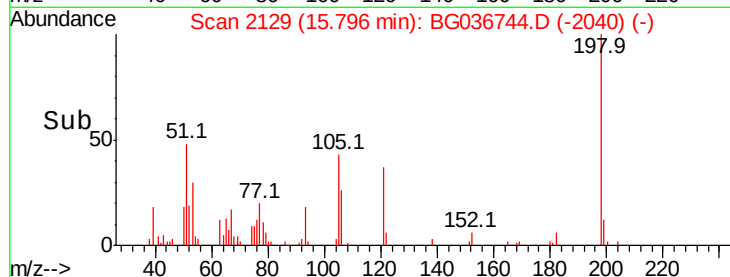
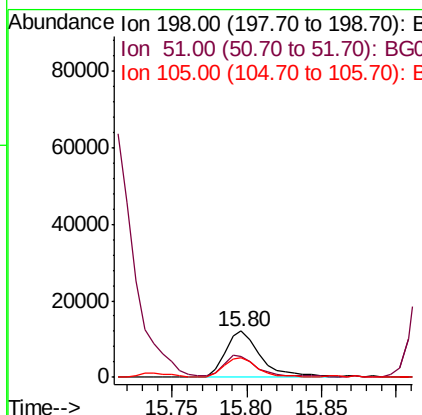
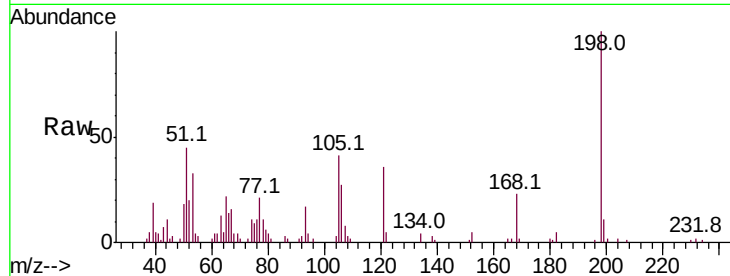
#64
4,6-Dinitro-2-methylphenol
Concen: 11.320 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	20301		
51	45.2	26.5	66.5	
105	41.3	20.2	60.2	

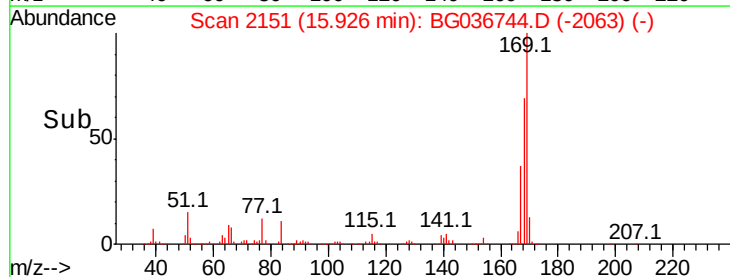
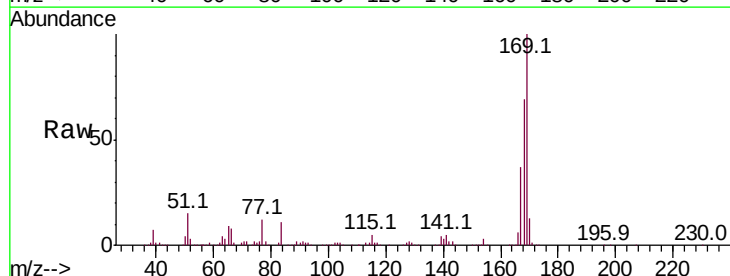
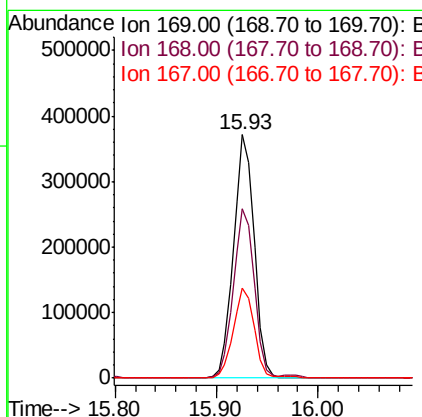
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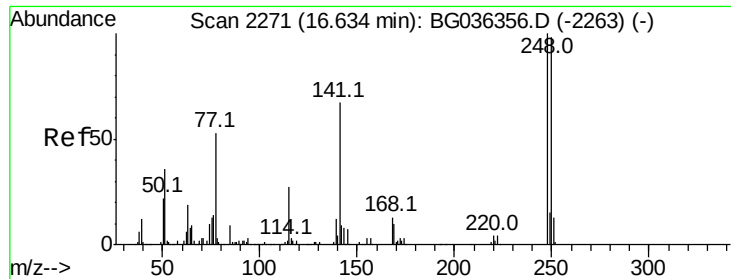
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 43.345 ng
RT: 15.93 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	525815		
168	69.4	57.6	86.4	
167	36.9	31.0	46.4	





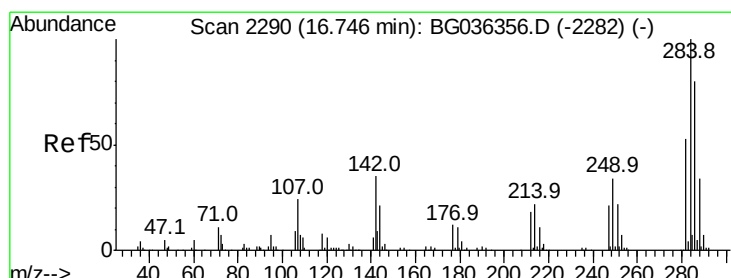
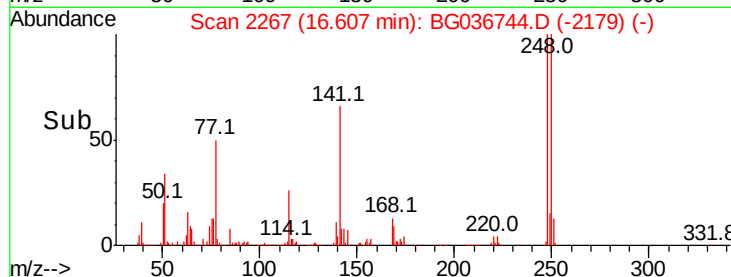
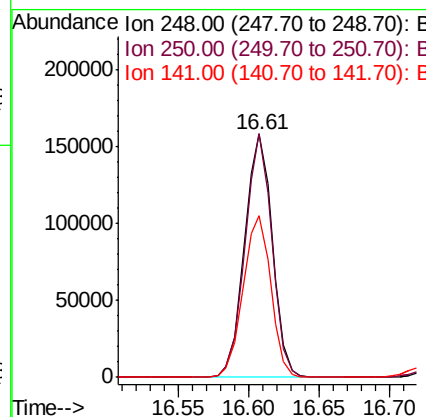
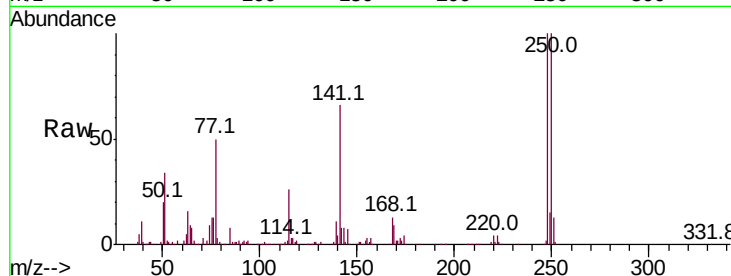
#66
4-Bromophenyl-phenylether
Concen: 45.374 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	78.1	117.1
141	66.2	53.7	80.5

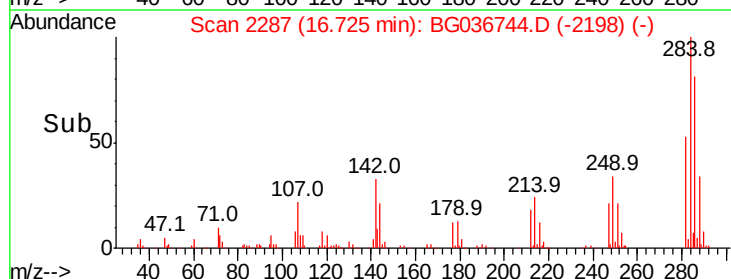
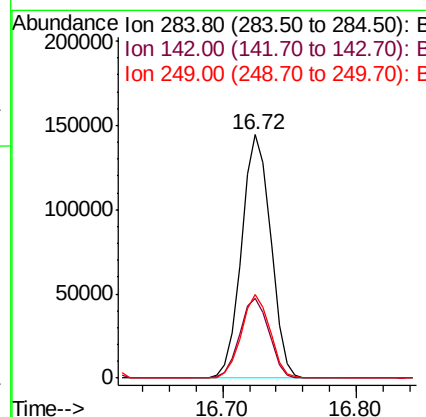
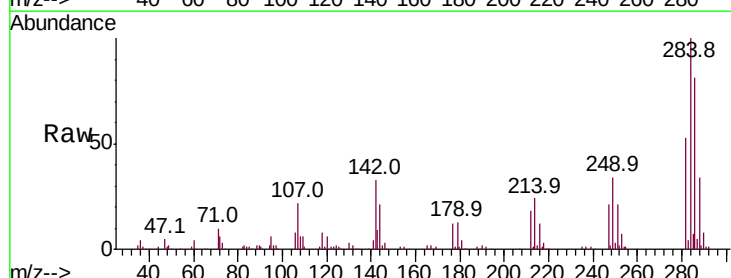
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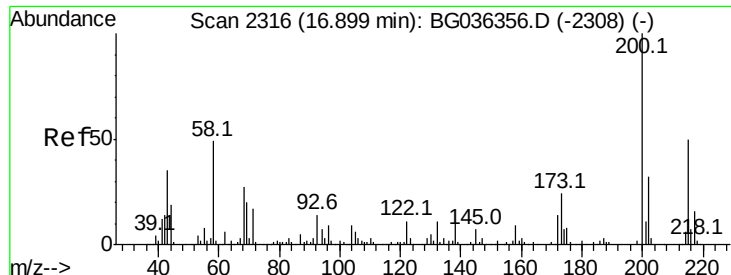
Sohil
9/17/2018 2:36:18 PM



#67
Hexachlorobenzene
Concen: 44.588 ng
RT: 16.72 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	27.8	41.6
249	34.2	27.4	41.2





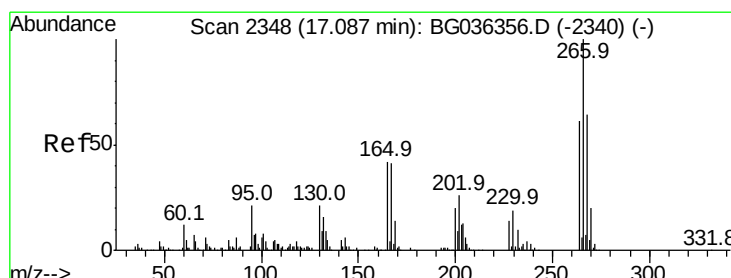
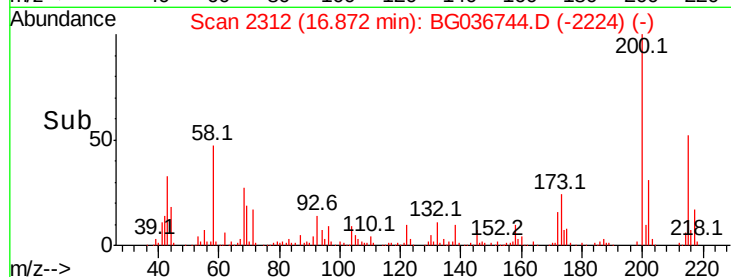
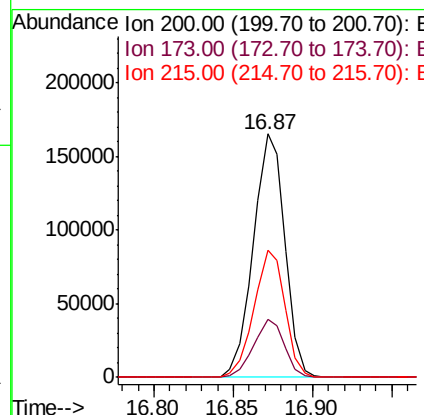
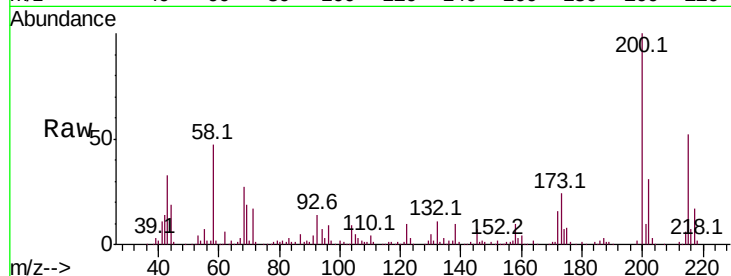
#68
Atrazine
Concen: 50.191 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.7	3.9	43.9
215	52.1	30.4	70.4

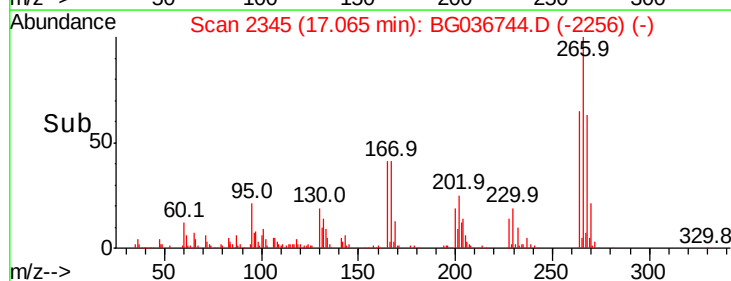
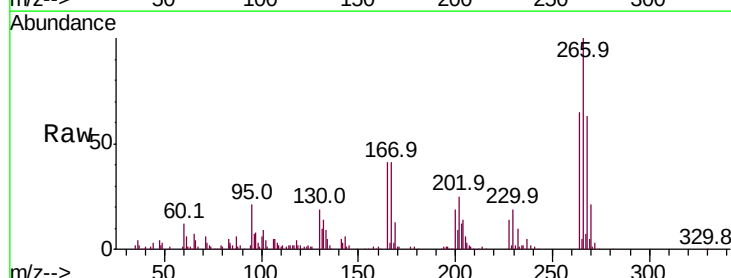
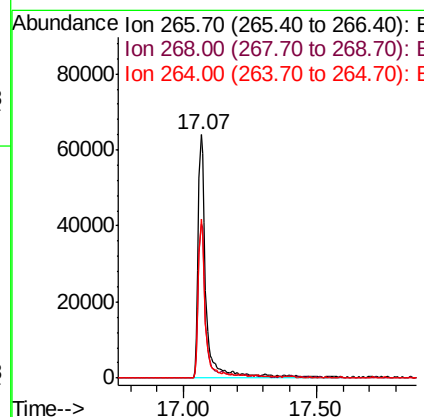
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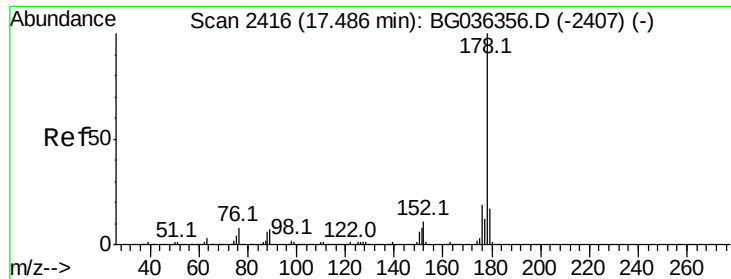
Sohil
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#69
Pentachlorophenol
Concen: 40.728 ng m
RT: 17.07 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.3	51.4	77.2
264	65.2	48.9	73.3





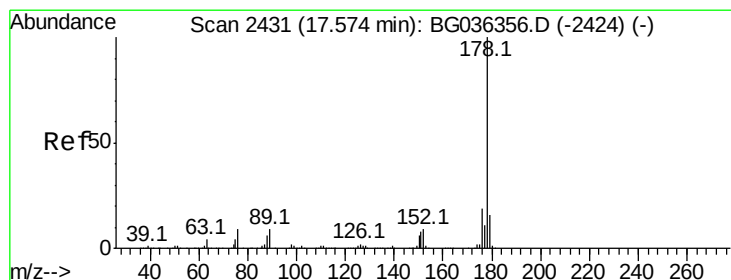
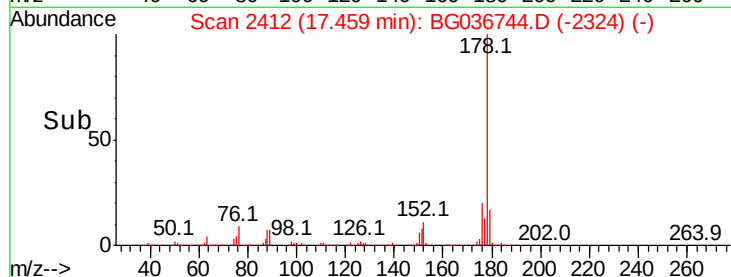
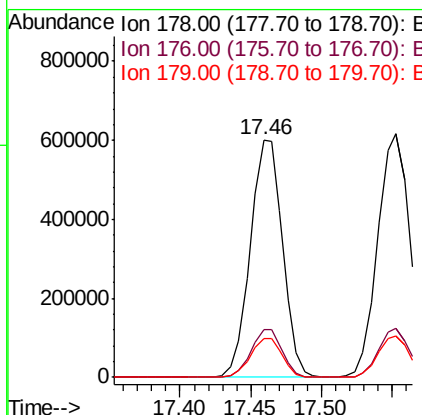
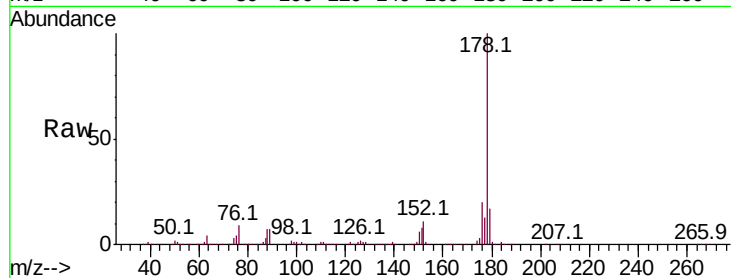
#70
Phenanthrene
Concen: 46.530 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.6	13.4	20.2

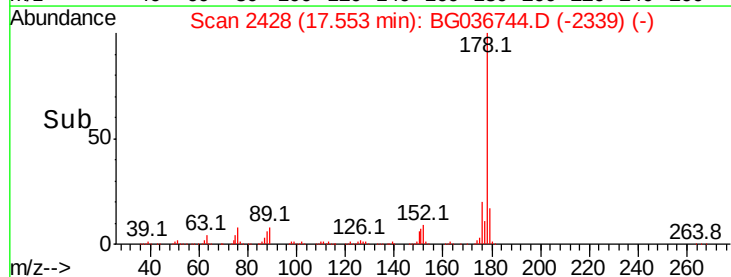
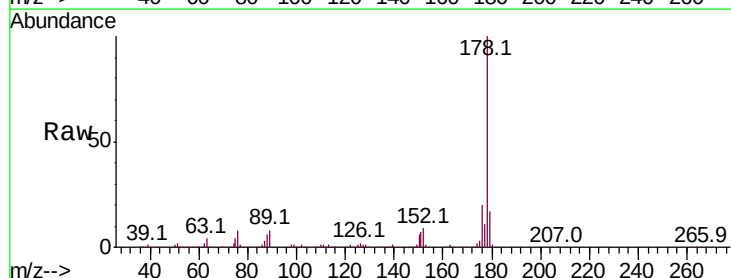
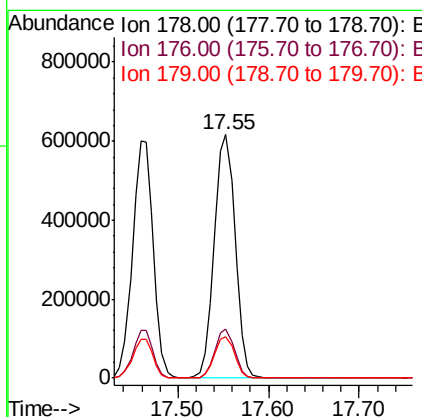
Manual Integrations
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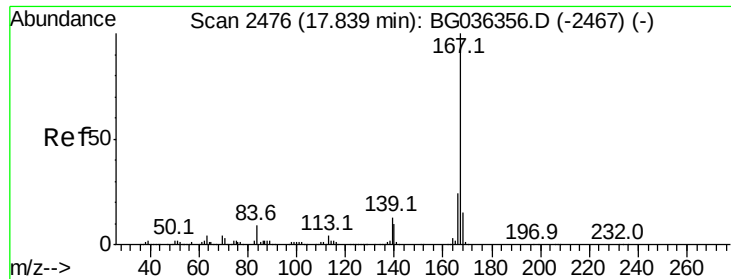
Sohil
9/17/2018 2:36:18 PM



#71
Anthracene
Concen: 47.530 ng
RT: 17.55 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	17.2	13.0	19.4





#72

Carbazole

Concen: 42.160 ng

RT: 17.82 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

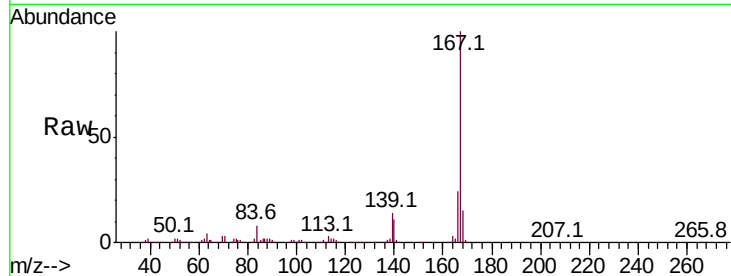
ClientSampleId :

PB112846BS

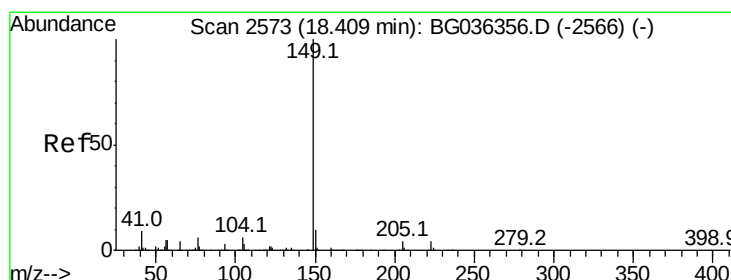
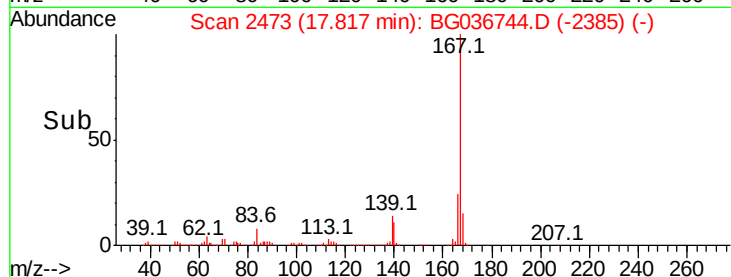
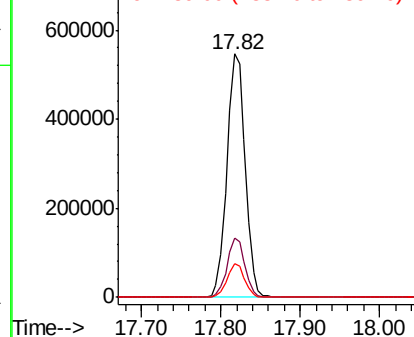
Tot Ion:	167	Resp:	870685
Ion Ratio	Lower	Upper	
167	100		
166	24.2	19.5	29.3
139	13.8	10.7	16.1

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 42.841 ng

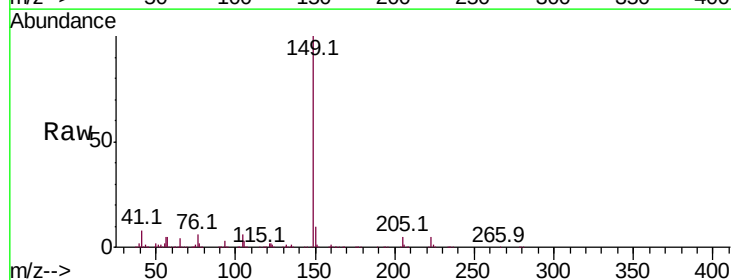
RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

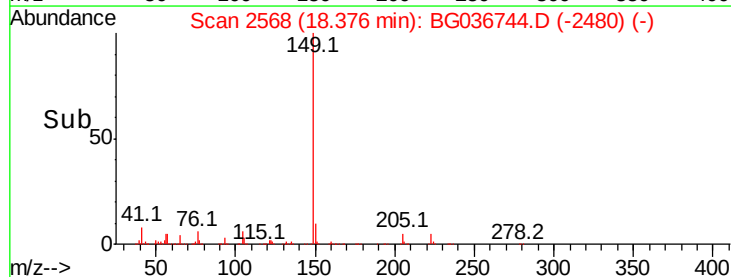
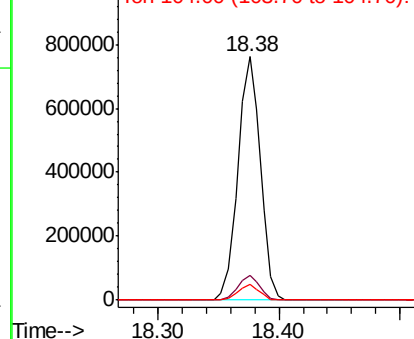
Lab File: BG036744.D

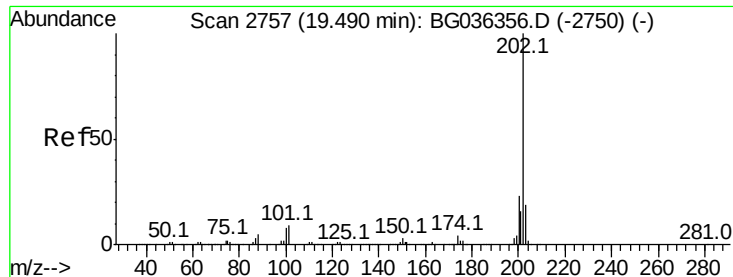
Acq: 15 Sep 2018 16:55

Tgt Ion:	149	Resp:	985224
Ion Ratio	Lower	Upper	
149	100		
150	10.0	8.1	12.1
104	6.3	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 46.363 ng

RT: 19.46 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

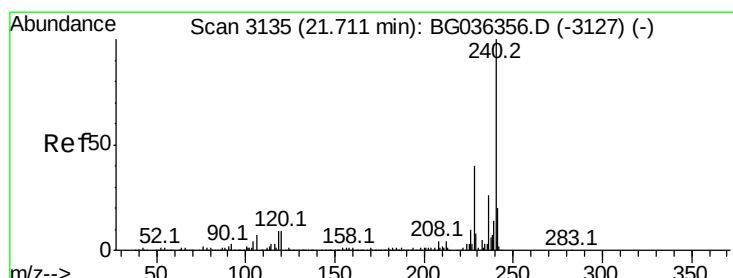
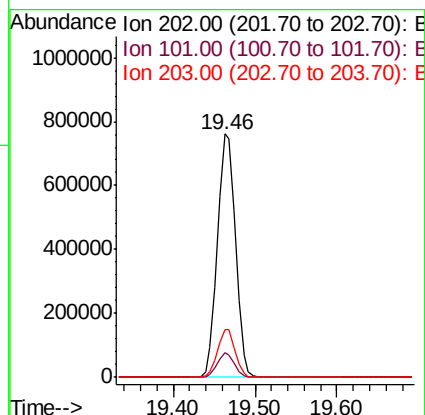
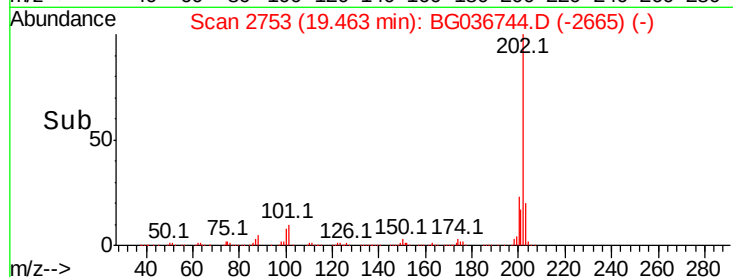
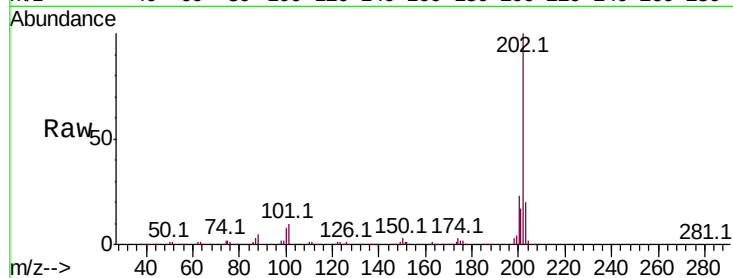
ClientSampleId :

PB112846BS

Tot Ion:	202	Resp:	1172633
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	29.4
203	19.5	0.0	38.9

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#75

Chrysene-d12

Concen: 20.000 ng

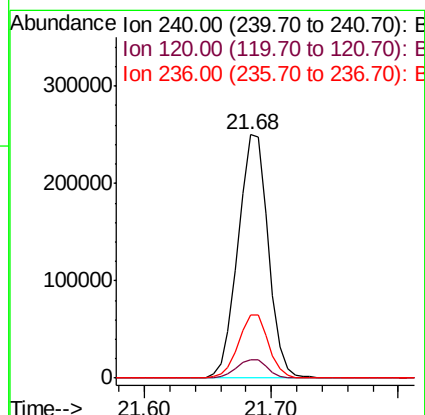
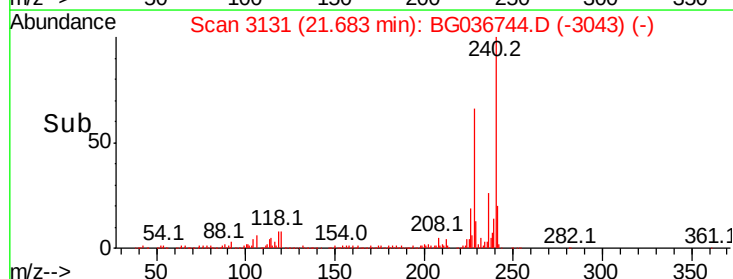
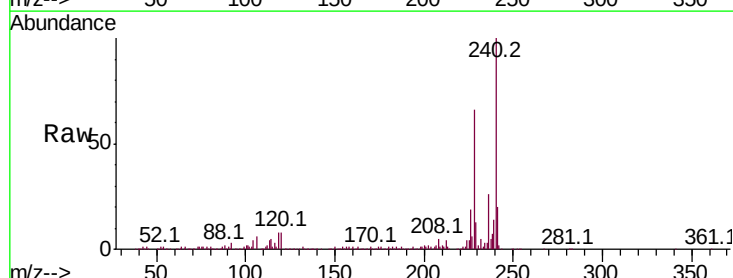
RT: 21.68 min Scan# 3131

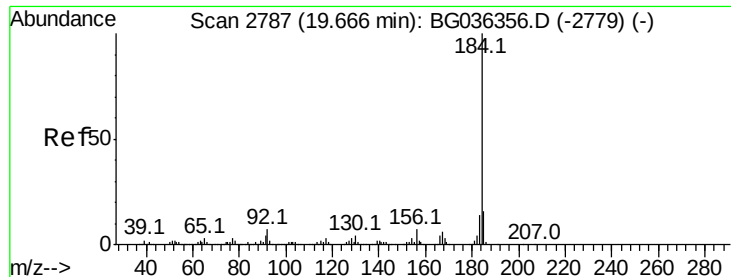
Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Tgt Ion:	240	Resp:	412755
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.9	10.3
236	25.8	21.2	31.8





#76

Benzidine

Concen: 34.302 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

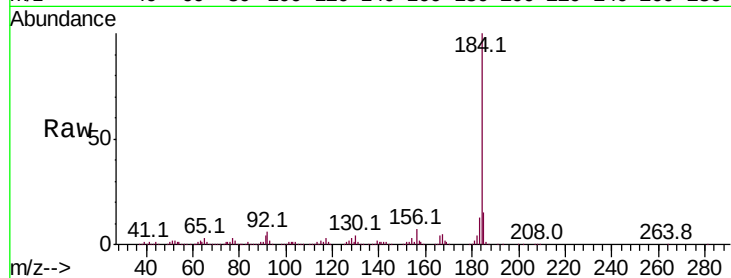
ClientSampleId :

PB112846BS

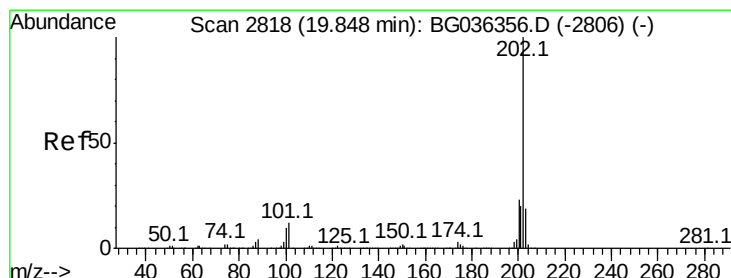
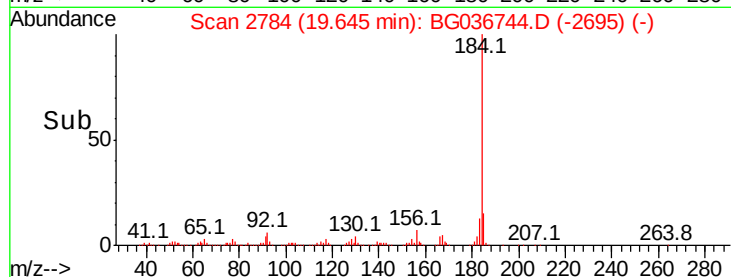
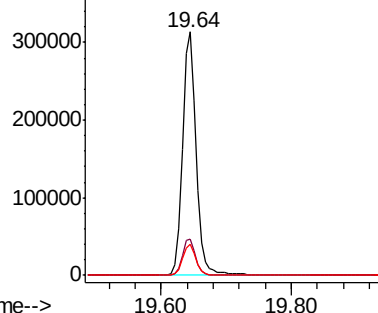
Tot Ion:	184	Resp:	451709
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	12.7	10.9	16.3

Manual Integrations
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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

Pyrene

Concen: 45.212 ng

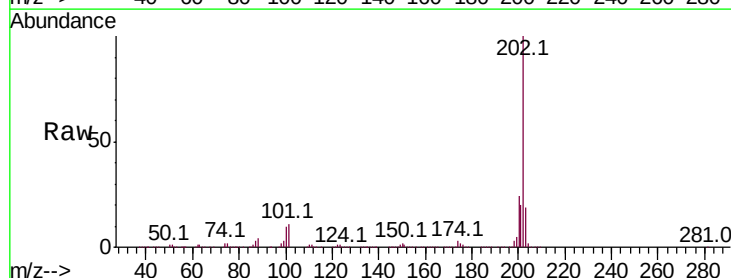
RT: 19.83 min Scan# 2815

Delta R.T. -0.01 min

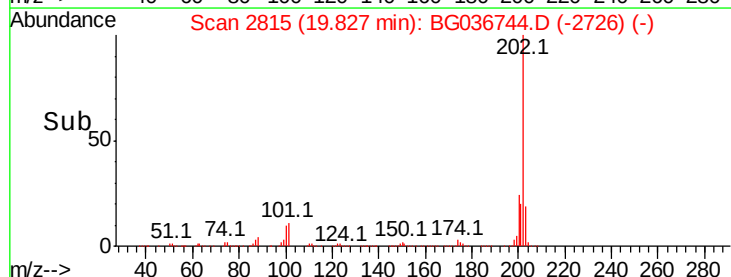
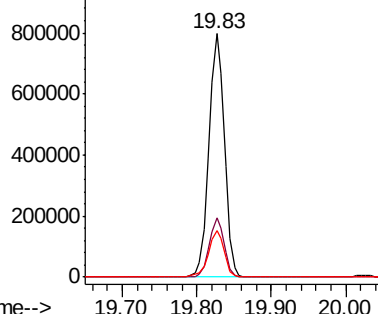
Lab File: BG036744.D

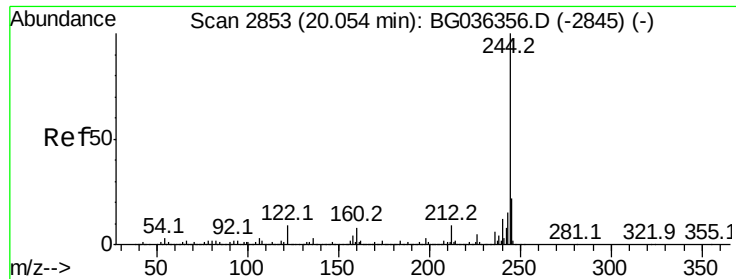
Acq: 15 Sep 2018 16:55

Tgt Ion:	202	Resp:	1147563
Ion Ratio	Lower	Upper	
202	100		
200	24.2	18.3	27.5
203	19.1	15.1	22.7



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





#78

Terphenyl-d14

Concen: 88.392 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

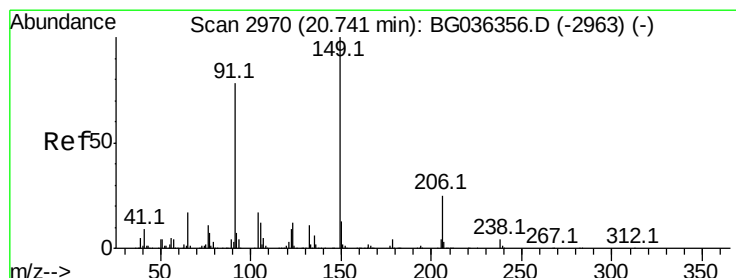
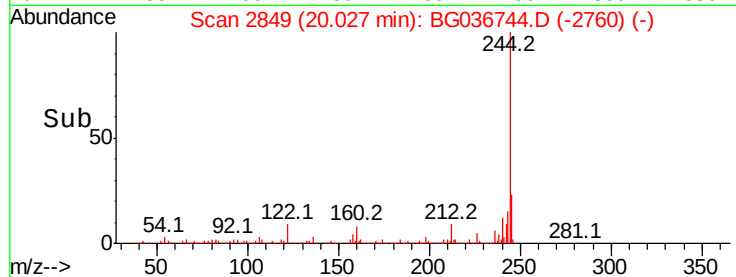
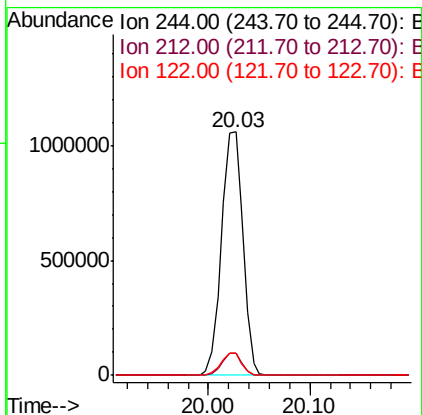
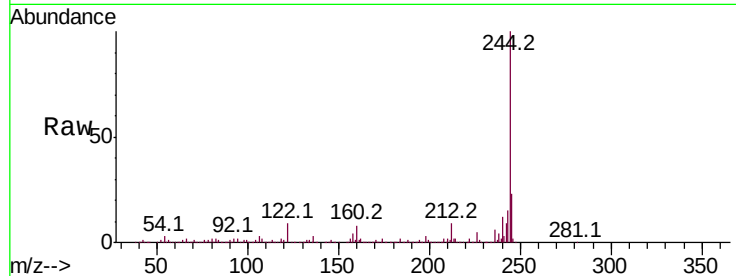
ClientSampleId :

PB112846BS

Tot Ion:	244	Resp:	1560935
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	9.2	7.1	10.7

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Sohil
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#79

Butylbenzylphthalate

Concen: 45.192 ng

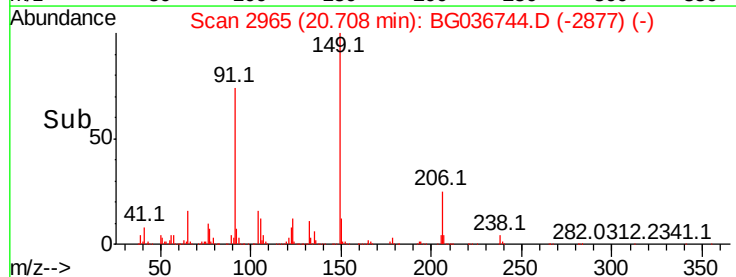
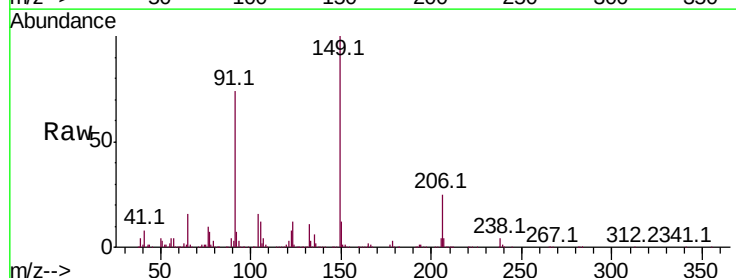
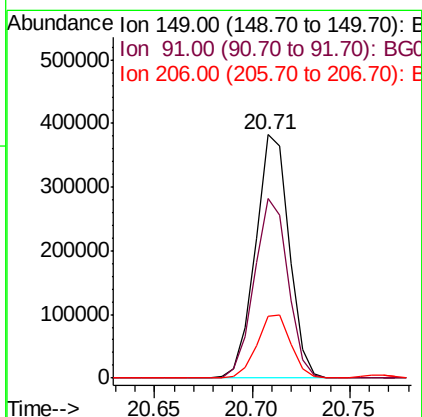
RT: 20.71 min Scan# 2965

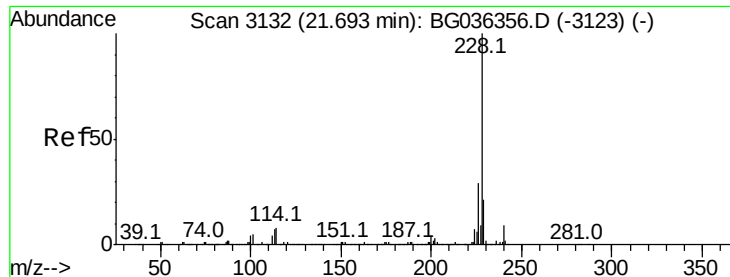
Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Tgt Ion:	149	Resp:	456494
Ion	Ratio	Lower	Upper
149	100		
91	73.5	62.0	93.0
206	25.3	19.6	29.4





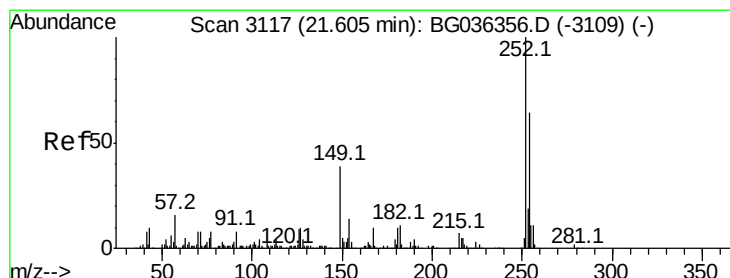
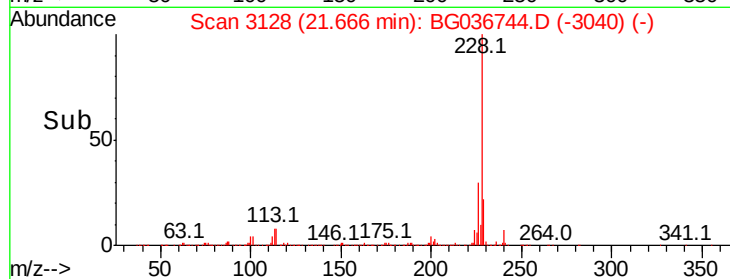
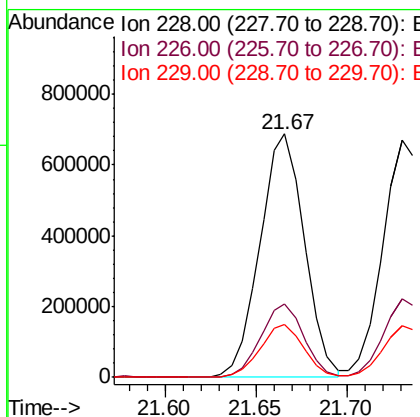
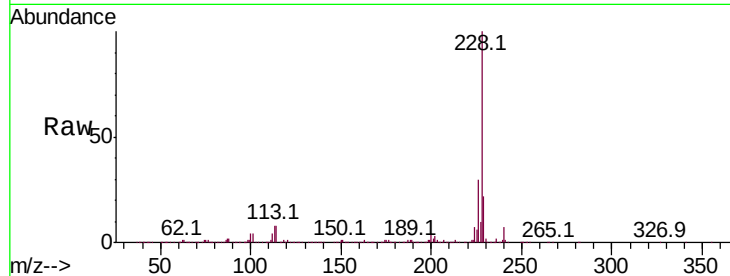
#80
Benzo(a)anthracene
Concen: 46.844 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	21.9	17.1	25.7

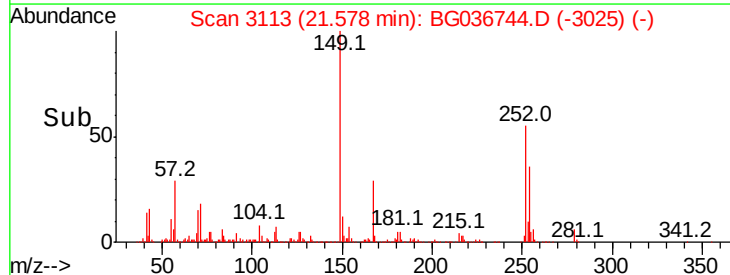
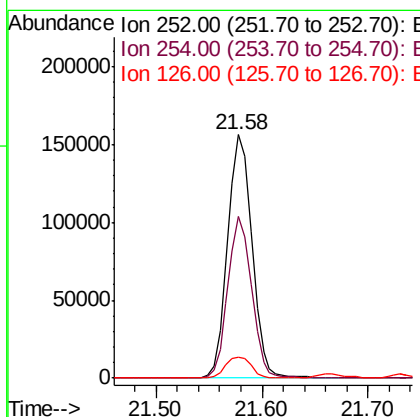
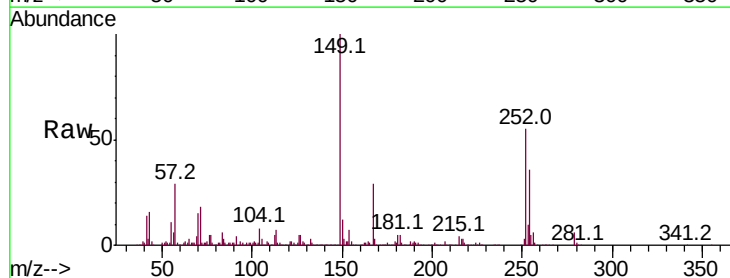
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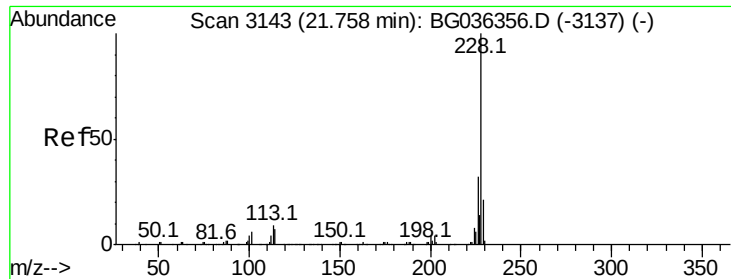
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 25.140 ng
RT: 21.58 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.0	76.4
126	8.5	7.4	11.0





#82

Chrysene

Concen: 46.130 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

Instrument :

BNA_G

ClientSampleId :

PB112846BS

Tot Ion:228 Resp: 1093355

Ion Ratio Lower Upper

228 100

226 33.0 25.5 38.3

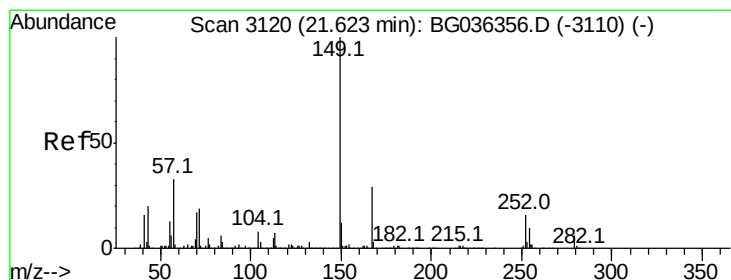
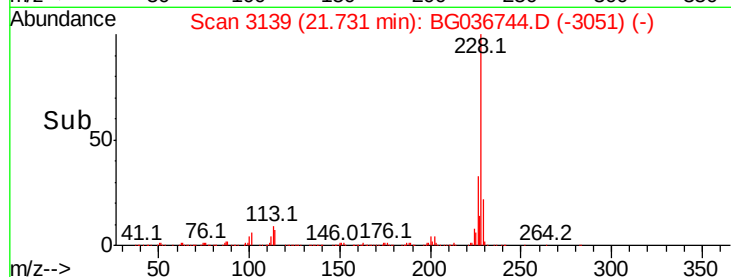
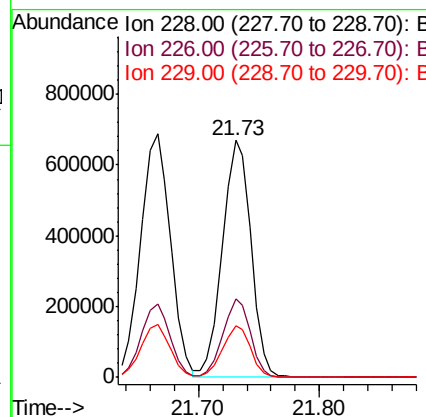
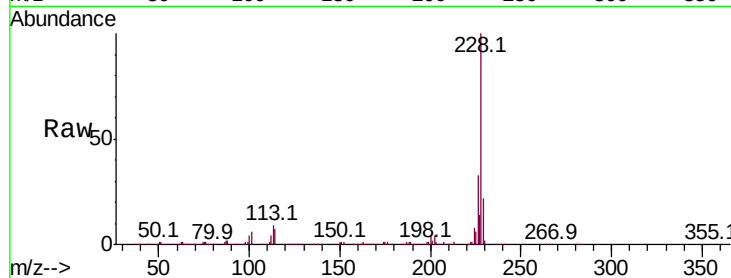
229 22.0 16.9 25.3

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#83

Bis(2-ethylhexyl)phthalate

Concen: 44.798 ng

RT: 21.57 min Scan# 3111

Delta R.T. -0.02 min

Lab File: BG036744.D

Acq: 15 Sep 2018 16:55

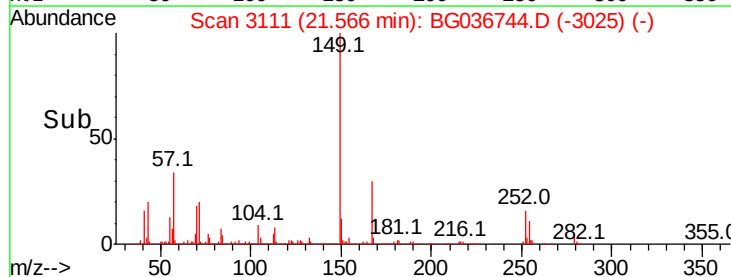
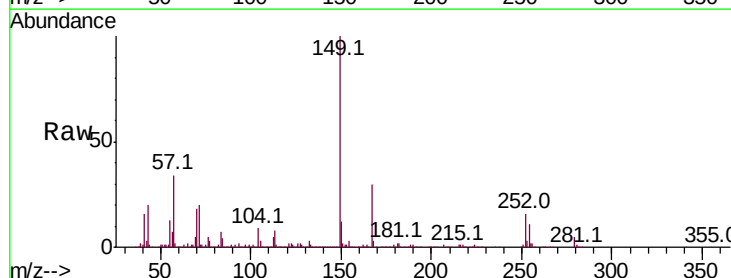
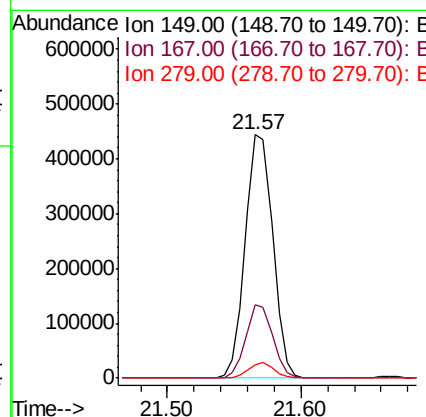
Tgt Ion:149 Resp: 633240

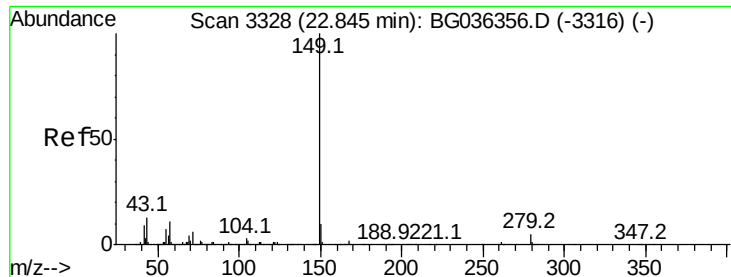
Ion Ratio Lower Upper

149 100

167 30.2 23.4 35.0

279 5.3 4.6 7.0





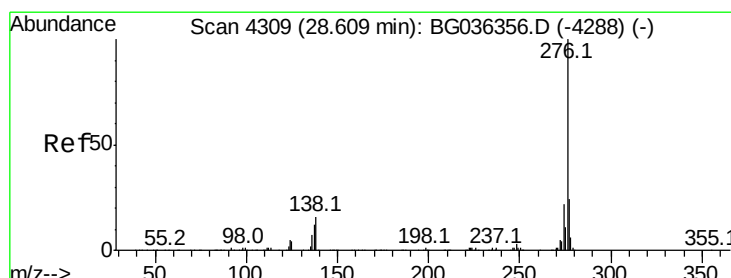
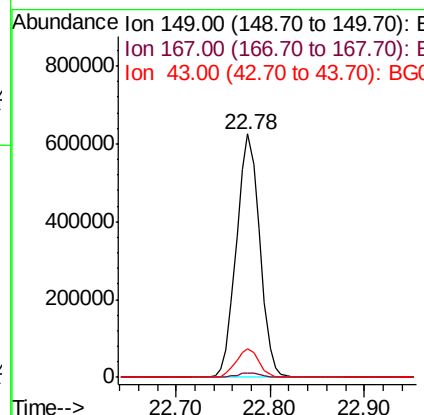
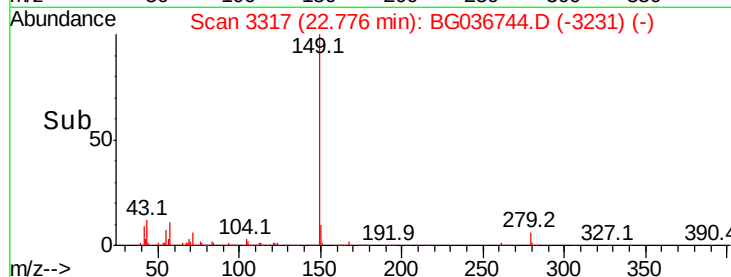
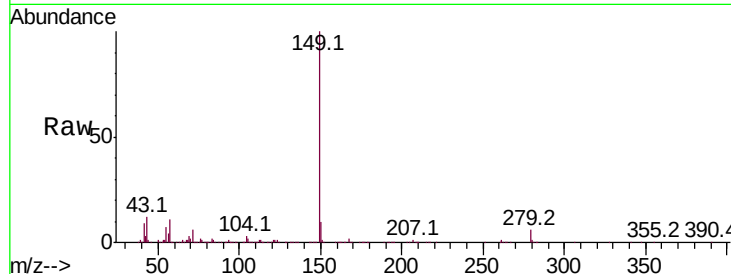
#84
Di-n-octyl phthalate
Concen: 45.530 ng
RT: 22.78 min Scan# 3317
Delta R.T. -0.02 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	11.5	10.0	15.0

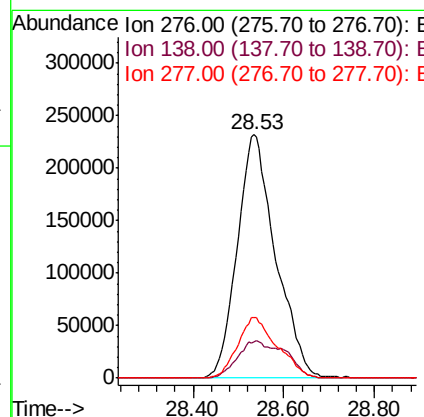
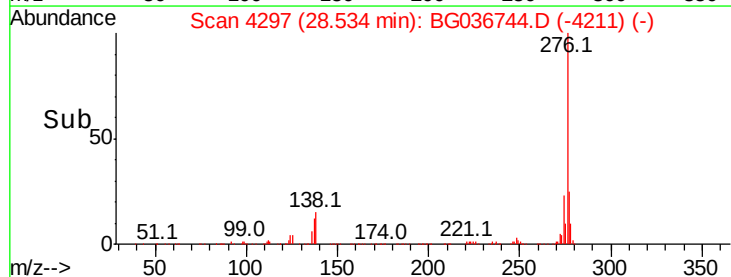
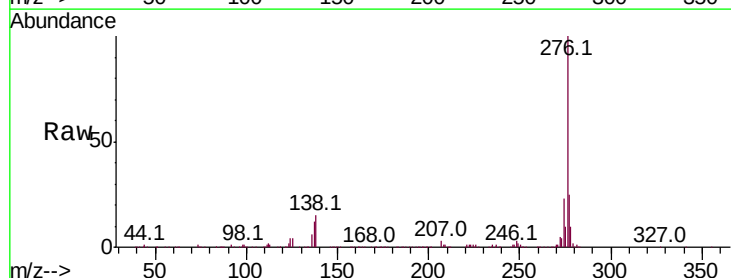
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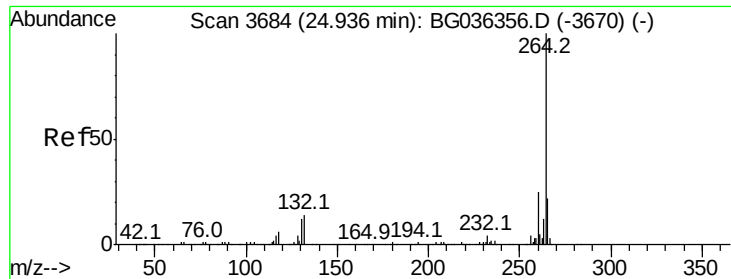
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 49.559 ng
RT: 28.53 min Scan# 4297
Delta R.T. -0.02 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	10.6	15.8#
277	25.8	20.6	30.8





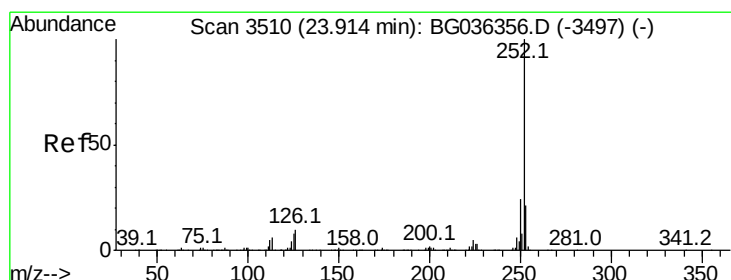
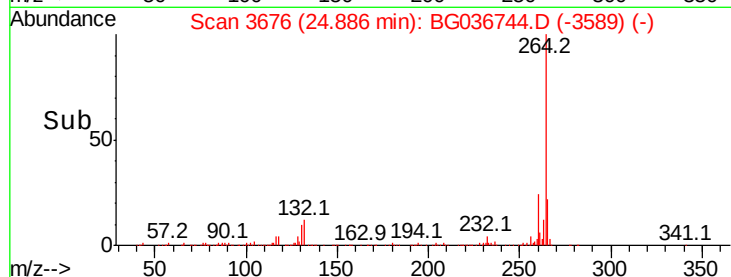
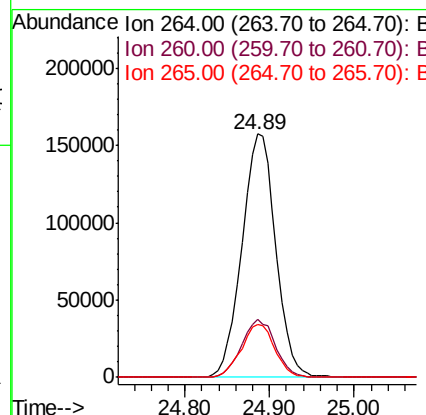
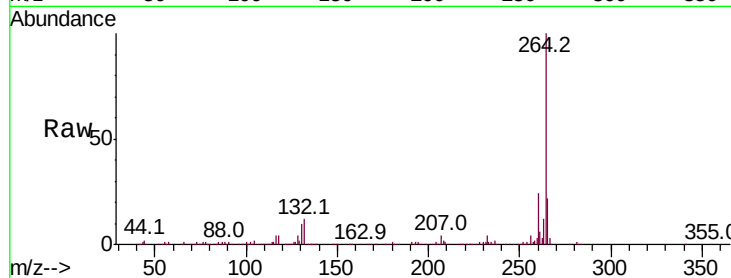
#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	22.0	17.4	26.0

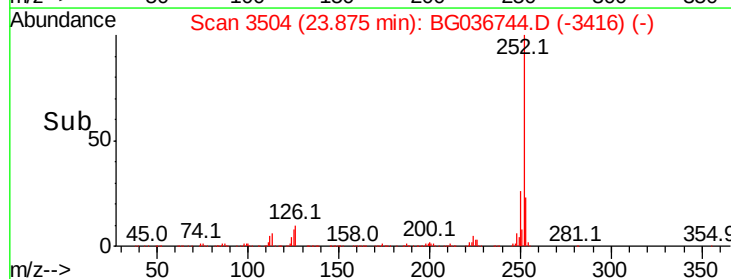
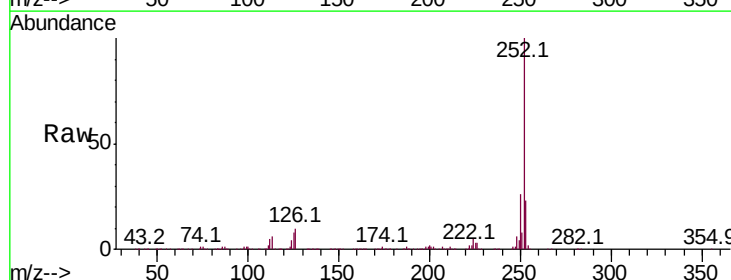
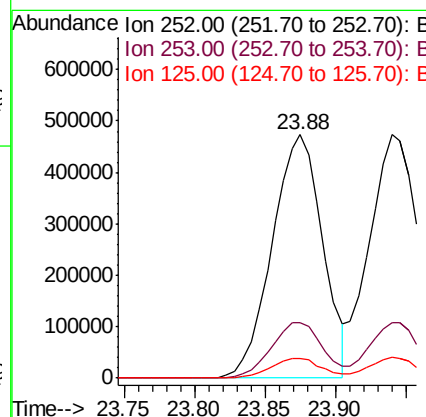
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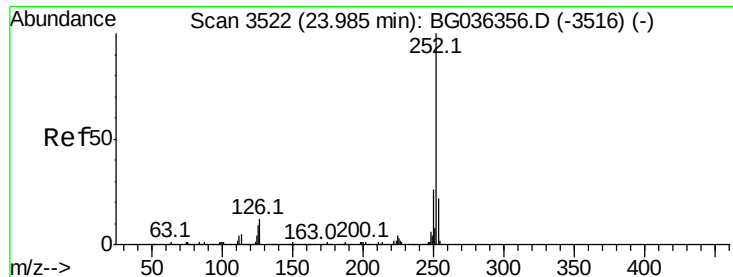
Sohil
9/17/2018 2:36:18 PM



#87
Benzo(b)fluoranthene
Concen: 48.655 ng
RT: 23.88 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	8.3	6.6	10.0





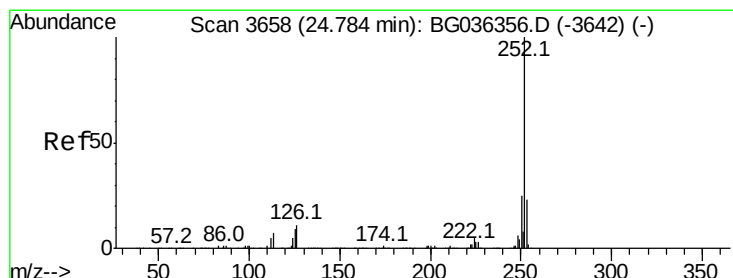
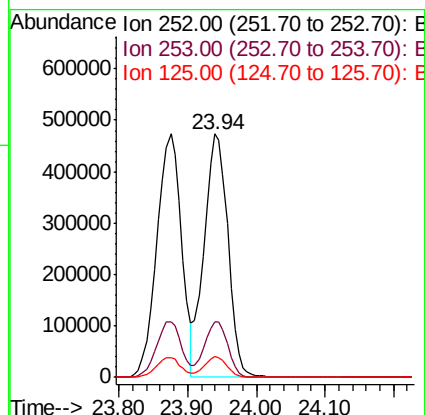
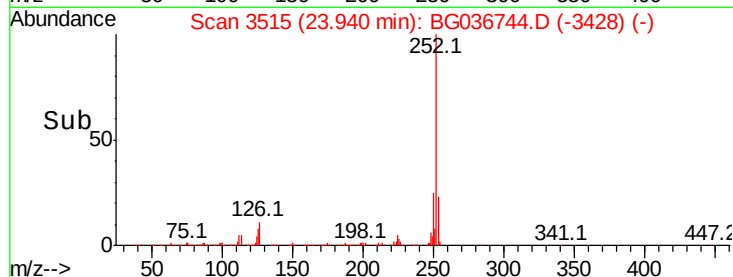
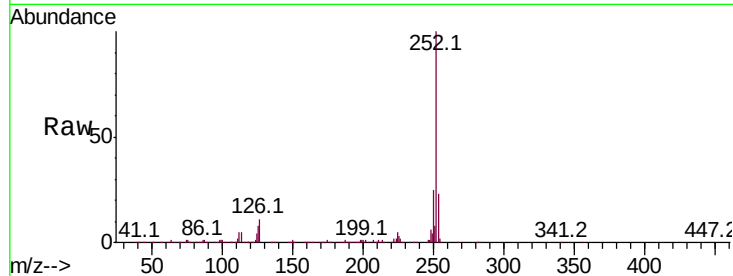
#88
Benzo(k)fluoranthene
Concen: 48.351 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Instrument :
BNA_G
ClientSampleId :
PB112846BS

Tot Ion:252 Resp: 1143558
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 8.5 7.0 10.6

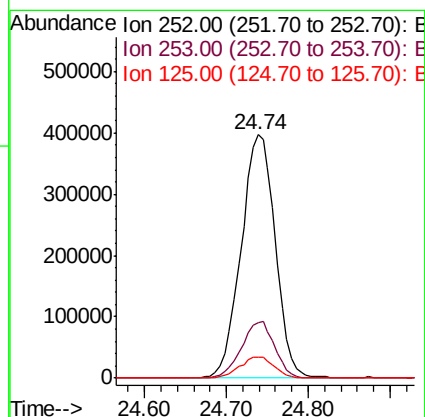
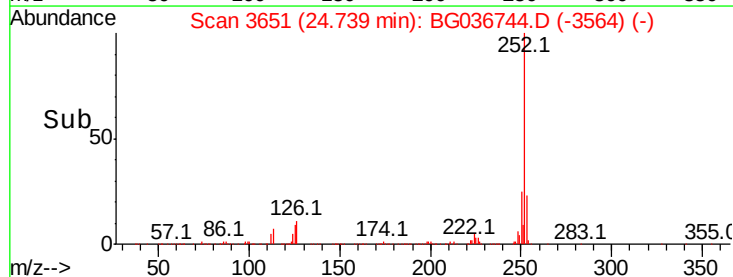
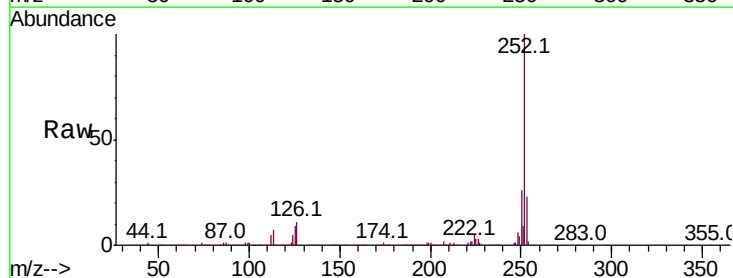
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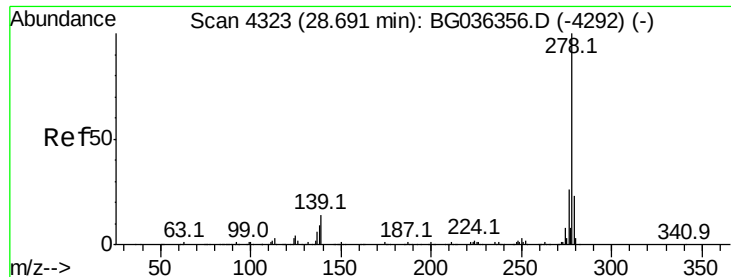
Sohil
9/17/2018 2:36:18 PM



#89
Benzo(a)pyrene
Concen: 49.439 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.02 min
Lab File: BG036744.D
Acq: 15 Sep 2018 16:55

Tgt Ion:252 Resp: 1150101
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 8.6 7.3 10.9





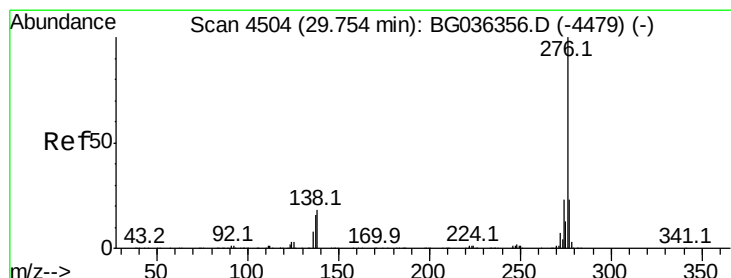
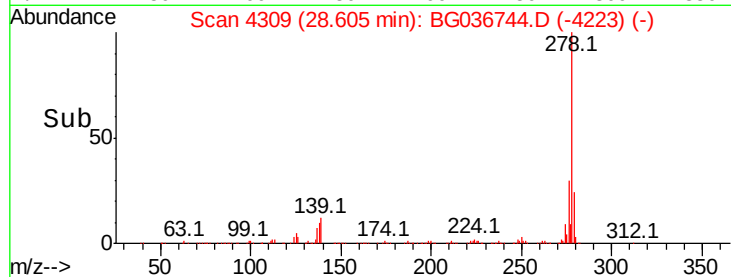
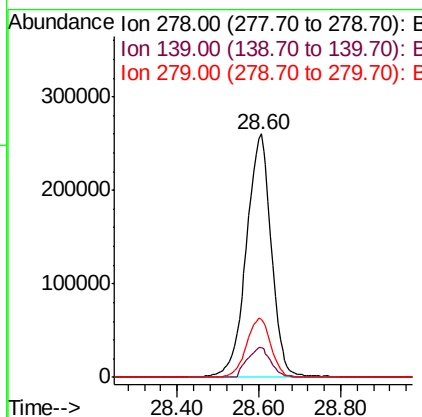
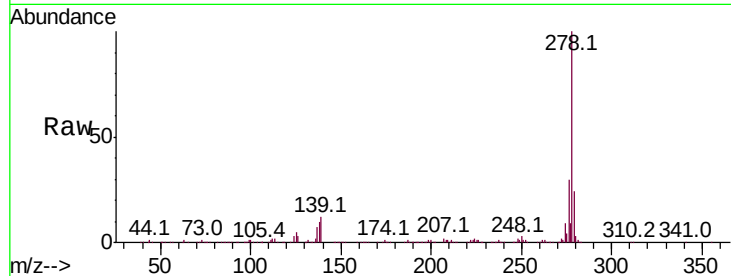
#90
 Dibenzo(a,h)anthracene
 Concen: 49.079 ng
 RT: 28.60 min Scan# 4309
 Delta R.T. -0.02 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112846BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.0	16.4
279	23.9	18.7	28.1

Manual Integrations
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Sohil
 9/17/2018 2:36:18 PM



#91
 Benzo(g,h,i)perylene
 Concen: 50.104 ng
 RT: 29.68 min Scan# 4492
 Delta R.T. -0.02 min
 Lab File: BG036744.D
 Acq: 15 Sep 2018 16:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.4	27.6
138	16.1	14.6	22.0

