

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037359.D
 Acq On : 16 Oct 2018 14:54
 Operator : JU/SJ
 Sample : PB113868BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113868BS

Manual Integrations
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 10/17/2018 2:59:32 PM

Quant Time: Oct 16 16:54:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52685	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	254751	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	175648	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	430901	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	402038	20.00	ng	-0.02
87) Perylene-d12	25.12	264	415533	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	486669	162.57	ng	0.00
7) Phenol-d6	7.25	99	689038	151.64	ng	0.00
23) Nitrobenzene-d5	9.29	82	345719	89.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	261845	152.00	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	882556	75.46	ng	-0.01
79) Terphenyl-d14	20.09	244	1180907	61.68	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	56097	33.365	ng	96
3) Pyridine	3.93	79	147225	36.881	ng	92
4) n-Nitrosodimethylamine	3.85	42	64377	41.528	ng	89
6) Aniline	7.44	93	220360	37.047	ng	96
8) 2-Chlorophenol	7.67	128	174664	49.852	ng	98
9) Benzaldehyde	7.25	77	91247	29.167	ng	94
10) Phenol	7.28	94	237815	49.694	ng	97
11) bis(2-Chloroethyl)ether	7.53	93	158988	40.666	ng	95
12) 1,3-Dichlorobenzene	8.00	146	165292	40.131	ng	99
13) 1,4-Dichlorobenzene	8.15	146	170777	40.953	ng	99
14) 1,2-Dichlorobenzene	8.46	146	162206	40.142	ng	98
15) Benzyl Alcohol	8.35	79	158002	44.455	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	287455	37.192	ng	98
17) 2-Methylphenol	8.54	107	160148	49.967	ng	99
18) Hexachloroethane	9.20	117	57917	40.692	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	133739	38.876	ng	96
20) 3+4-Methylphenols	8.87	107	225815	50.389	ng	98
22) Acetophenone	8.94	105	256561	39.952	ng	97
24) Nitrobenzene	9.33	77	192846	46.466	ng	96
25) Isophorone	9.85	82	392958	44.424	ng	97
26) 2-Nitrophenol	10.05	139	87394	54.447	ng	99
27) 2,4-Dimethylphenol	10.09	122	194868	52.705	ng	94
28) bis(2-Chloroethoxy)methane	10.33	93	237788	42.967	ng	97
29) 2,4-Dichlorophenol	10.57	162	189553	50.505	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	177934	38.960	ng	99
31) Naphthalene	10.99	128	538940	43.531	ng	100
32) Benzoic acid	10.21	122	121848	59.683	ng	99
33) 4-Chloroaniline	11.10	127	157449	27.110	ng	94
34) Hexachlorobutadiene	11.25	225	102752	36.229	ng	96
35) Caprolactam	11.88	113	76985m	50.315	ng	
36) 4-Chloro-3-methylphenol	12.20	107	212509	47.943	ng	98
37) 2-Methylnaphthalene	12.58	142	415738	46.013	ng	98
38) 1-Methylnaphthalene	12.80	142	395340	44.800	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	210671	37.036	ng	99

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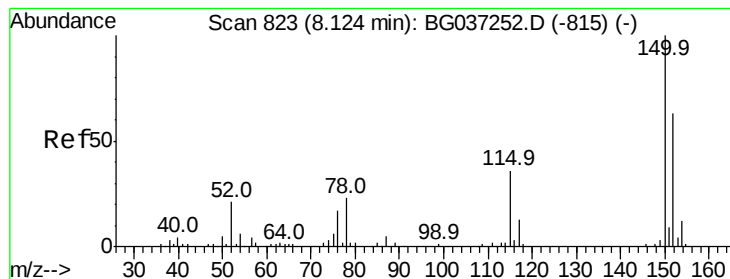
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	244887	104.430	nq	98
43) 2,4,6-Trichlorophenol	13.18	196	161471	48.933	nq	98
44) 2,4,5-Trichlorophenol	13.25	196	181886	51.230	nq	98
46) 1,1'-Biphenyl	13.58	154	548265	37.945	nq	99
47) 2-Chloronaphthalene	13.63	162	430447	39.439	nq	99
48) 2-Nitroaniline	13.83	65	141137	47.761	nq	93
49) Acenaphthylene	14.48	152	727735	43.588	nq	99
50) Dimethylphthalate	14.20	163	589481	42.705	nq	99
51) 2,6-Dinitrotoluene	14.32	165	128028	47.774	nq	94
52) Acenaphthene	14.81	154	421834	40.904	nq	98
53) 3-Nitroaniline	14.66	138	107218	37.124	nq	# 96
54) 2,4-Dinitrophenol	14.86	184	92358	133.713	nq	97
55) Dibenzofuran	15.15	168	680543	40.668	nq	99
56) 4-Nitrophenol	14.95	139	234278	104.065	nq	97
57) 2,4-Dinitrotoluene	15.10	165	179134	52.255	nq	98
58) Fluorene	15.79	166	555598	43.901	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	160381	51.022	nq	99
60) Diethylphthalate	15.55	149	598465	41.835	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	290831	39.314	nq	99
62) 4-Nitroaniline	15.82	138	147971	48.813	nq	92
63) Azobenzene	16.07	77	559341	40.781	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	78692	57.063	nq	98
66) n-Nitrosodiphenylamine	16.00	169	520056	41.097	nq	99
67) 4-Bromophenyl-phenylether	16.68	248	188127	40.453	nq	97
68) Hexachlorobenzene	16.78	284	189003	39.198	nq	99
69) Atrazine	16.94	200	203841	43.341	nq	98
70) Pentachlorophenol	17.13	266	238070	76.528	nq	96
71) Phenanthrene	17.54	178	939873	42.849	nq	99
72) Anthracene	17.62	178	954782	44.472	nq	97
73) Carbazole	17.89	167	890821	40.271	nq	99
74) Di-n-butylphthalate	18.44	149	1045343	44.090	nq	100
75) Fluoranthene	19.54	202	1127196	43.968	nq	98
77) Benzidine	19.72	184	557670	36.259	nq	99
78) Pyrene	19.90	202	1112920	42.474	nq	99
80) Butylbenzylphthalate	20.77	149	481491	47.230	nq	98
81) Benzo(a)anthracene	21.76	228	1045462	43.419	nq	98
82) 3,3'-Dichlorobenzidine	21.67	252	275895	29.704	nq	99
83) Chrysene	21.83	228	976340	42.508	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	660889	45.146	nq	98
85) Di-n-octyl phthalate	22.89	149	1109156	46.681	nq	98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1141285	44.829	nq	# 90
88) Benzo(b)fluoranthene	24.05	252	1047956	46.387	nq	99
89) Benzo(k)fluoranthene	24.12	252	985473	44.206	nq	98
90) Benzo(a)pyrene	24.96	252	1003522	46.324	nq	98
91) Dibenzo(a,h)anthracene	29.04	278	919429	44.357	nq	97
92) Benzo(g,h,i)perylene	30.17	276	937530	45.287	nq	99

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



#1

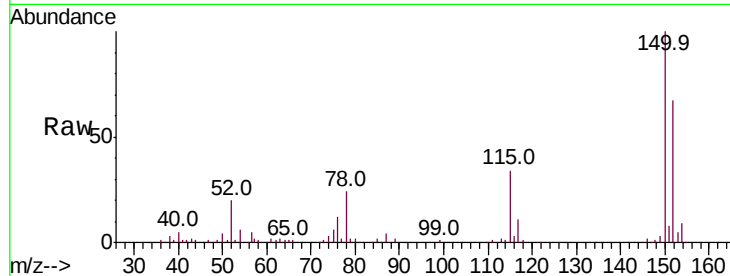
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.0	189.0
115	51.1	45.5	68.3

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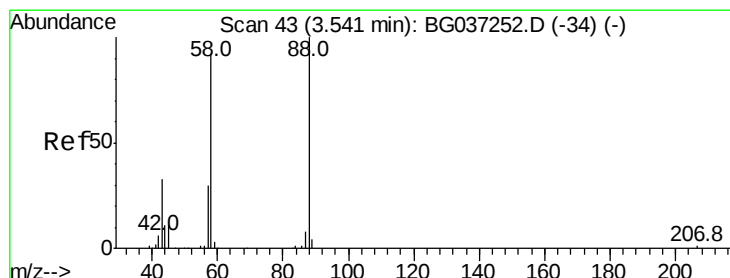
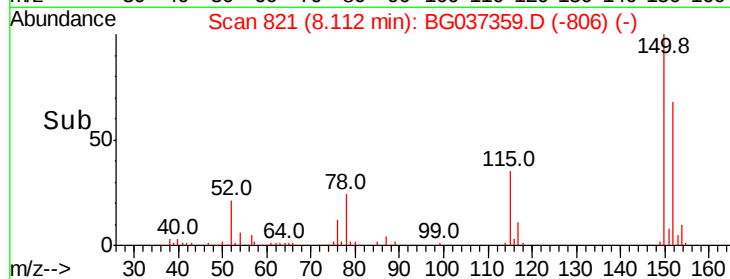
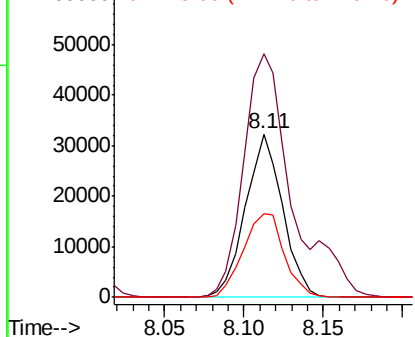


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

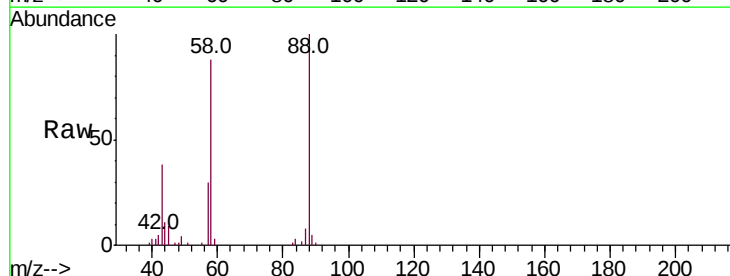
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.365 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.3	74.4	111.6
43	32.3	25.8	38.8

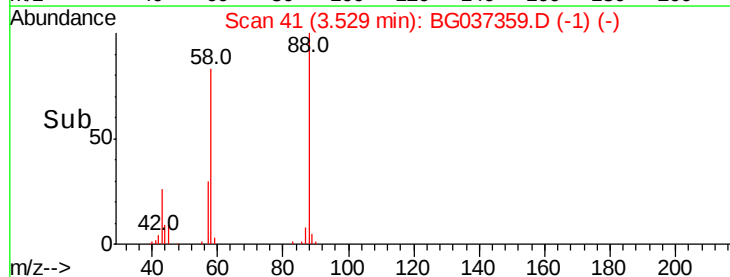
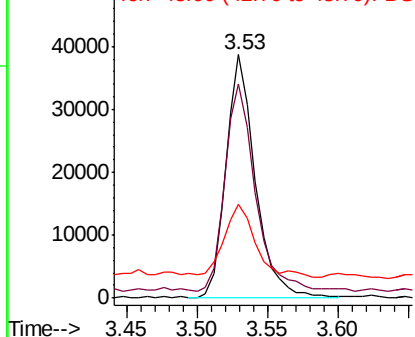


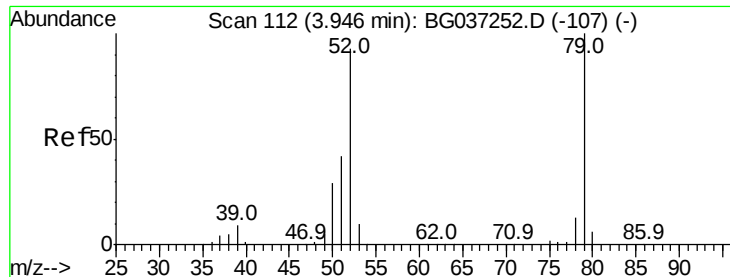
Abundance

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: 36.881 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

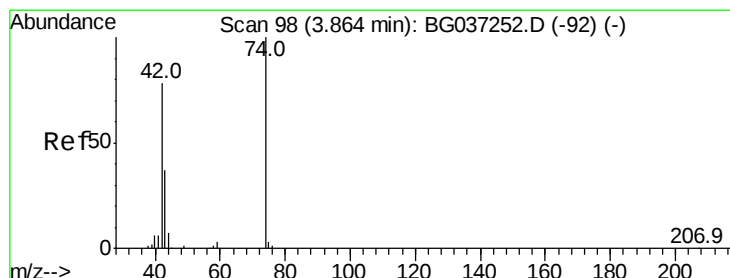
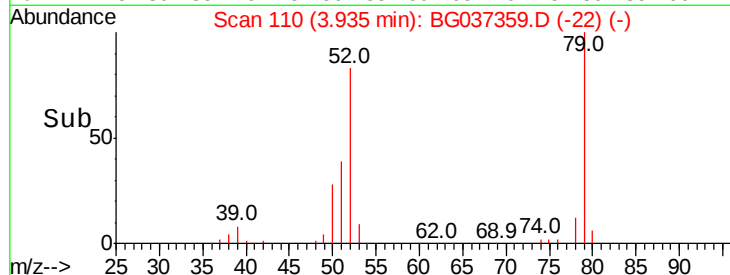
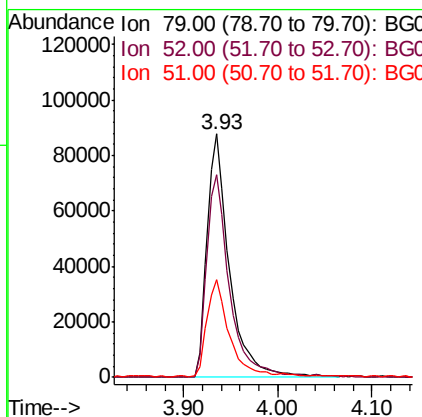
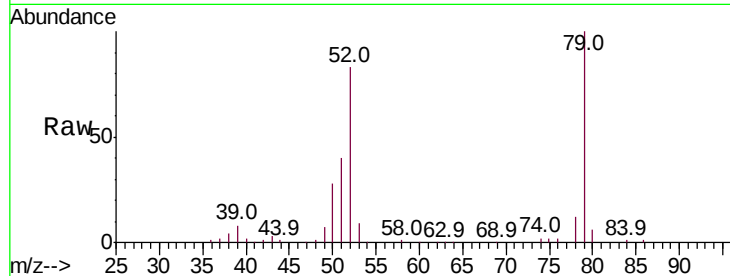
ClientSampleId :

PB113868BS

Tot Ion:	79	Resp:	147225
Ion Ratio	Lower	Upper	
79	100		
52	83.4	74.2	111.2
51	40.0	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 41.528 ng

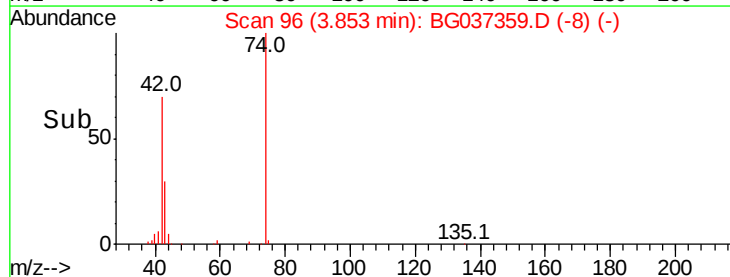
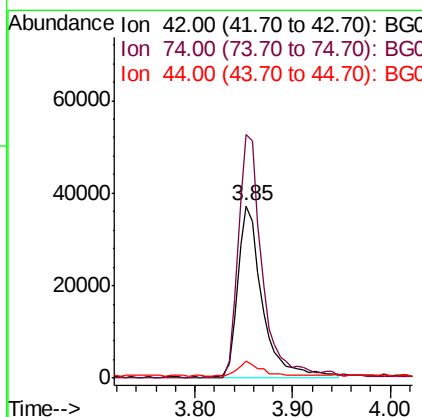
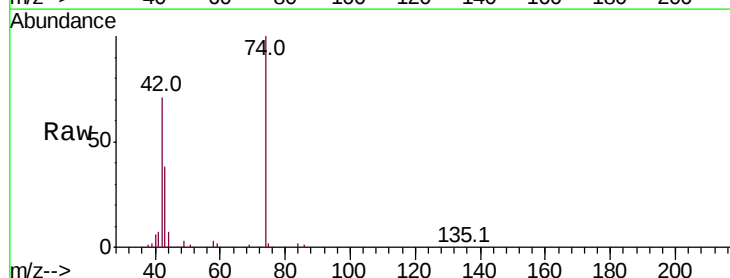
RT: 3.85 min Scan# 96

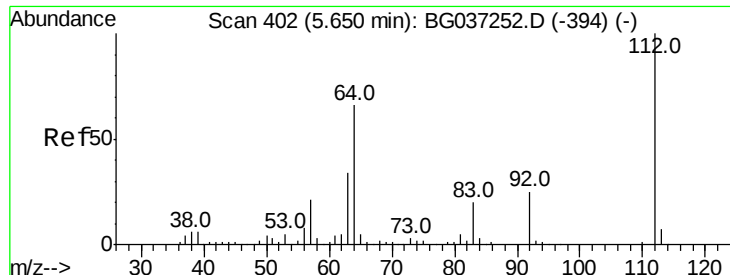
Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:	42	Resp:	64377
Ion Ratio	Lower	Upper	
42	100		
74	141.4	102.0	153.0
44	10.2	9.6	14.4





#5

2-Fluorophenol

Concen: 162.568 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

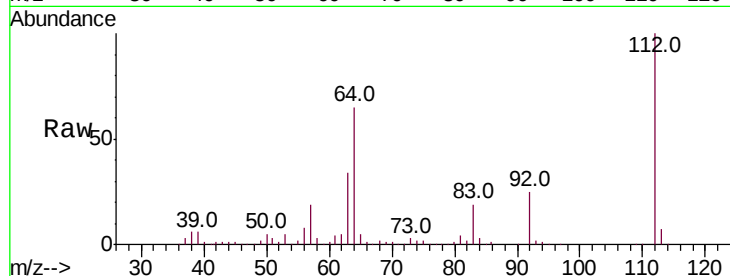
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PB113868BS

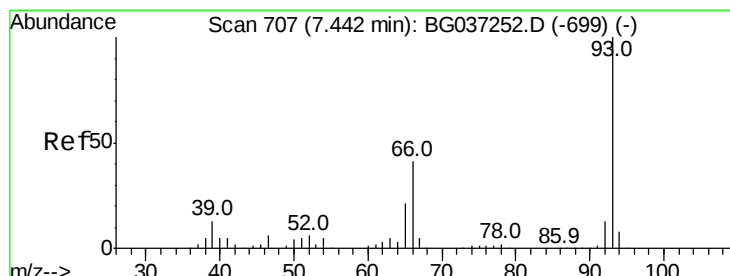
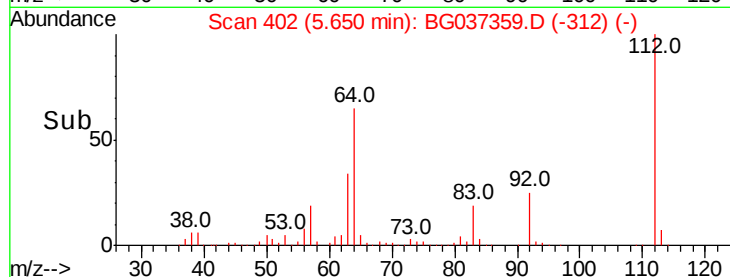
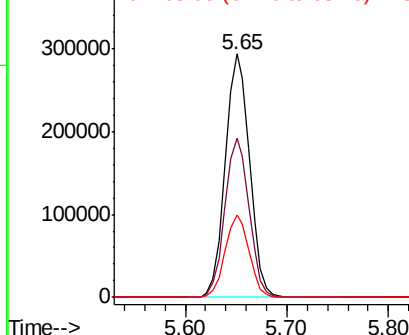
Tot Ion:	112	Resp:	486669
Ion Ratio	Lower	Upper	
112	100		
64	65.4	53.1	79.7
63	33.8	27.3	40.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.047 ng

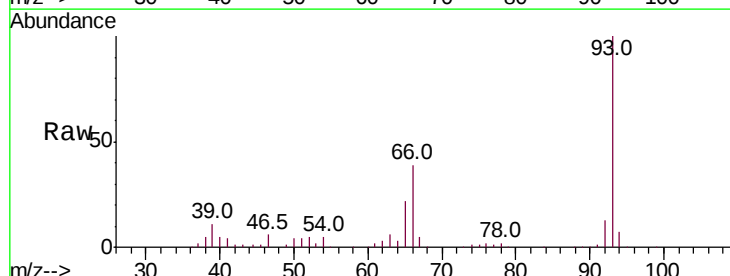
RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

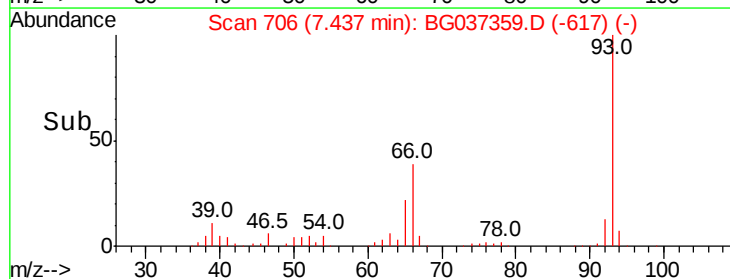
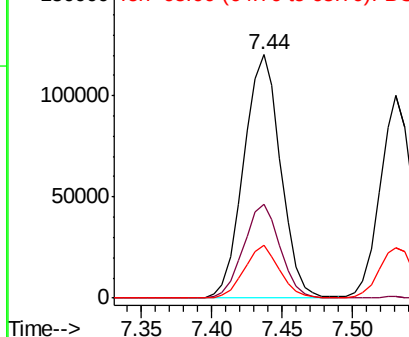
Lab File: BG037359.D

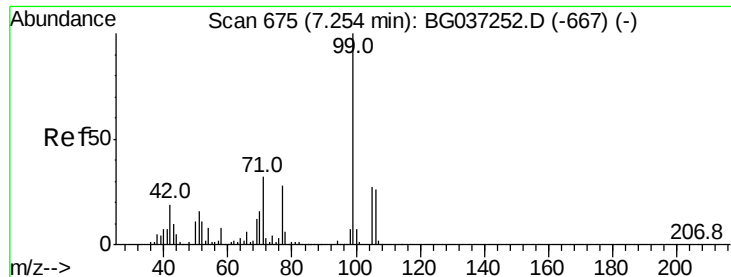
Acq: 16 Oct 2018 14:54

Tgt Ion:	93	Resp:	220360
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.8	49.2
65	21.9	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.642 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

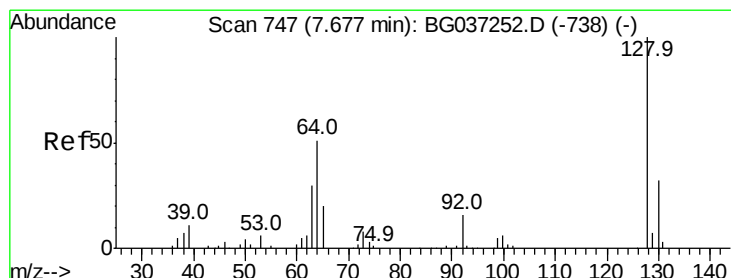
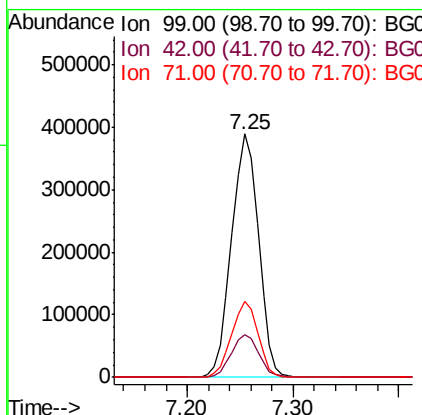
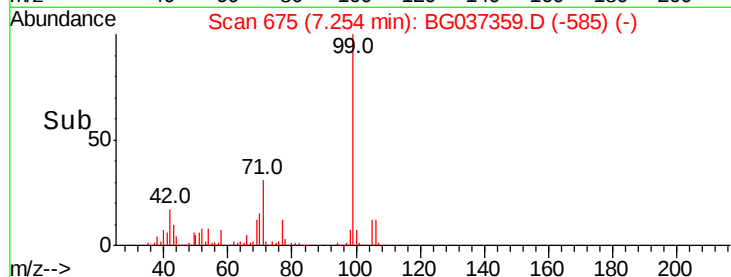
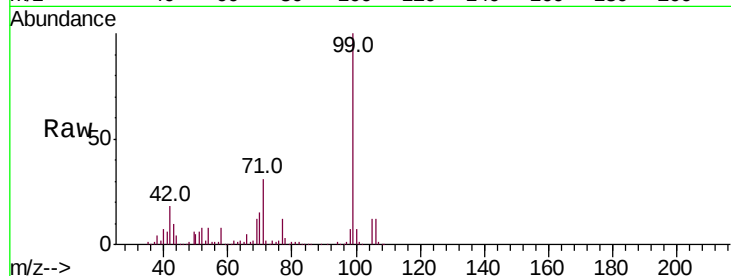
ClientSampled :

PB113868BS

Tot Ion:	99	Resp:	689038
Ion Ratio	Lower	Upper	
99	100		
42	17.5	15.0	22.4
71	31.0	25.5	38.3

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#8

2-Chlorophenol

Concen: 49.852 ng

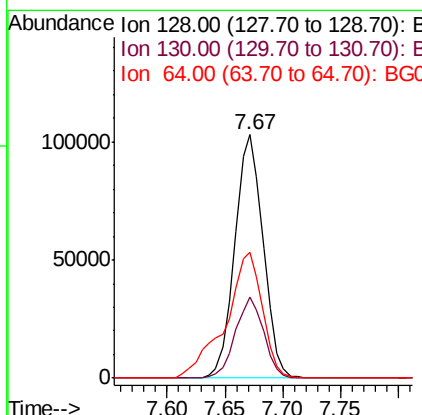
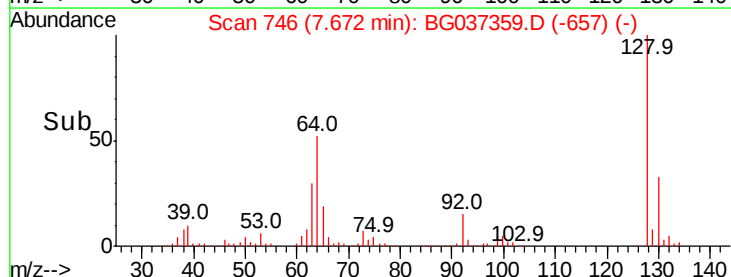
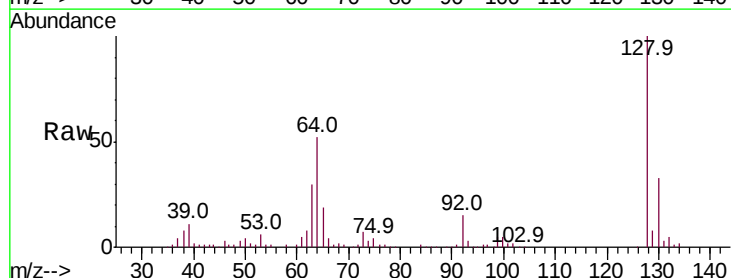
RT: 7.67 min Scan# 746

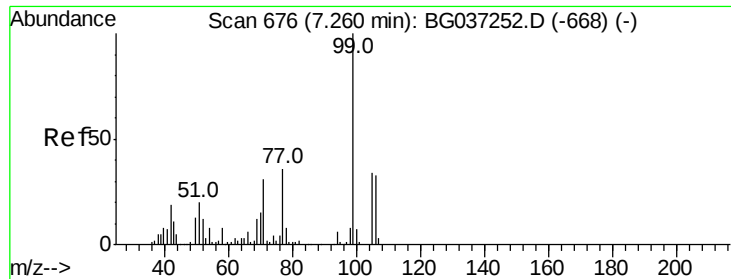
Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:	128	Resp:	174664
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.0	52.0
64	51.9	32.9	72.9





#9

Benzaldehyde

Concen: 29.167 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

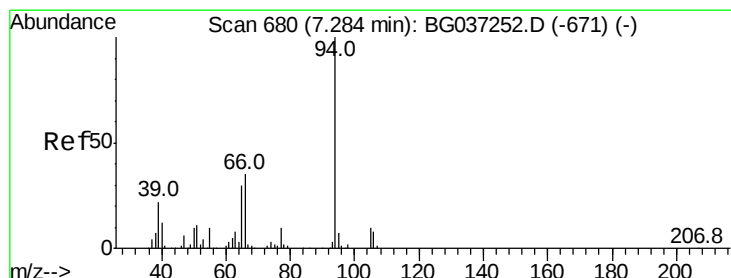
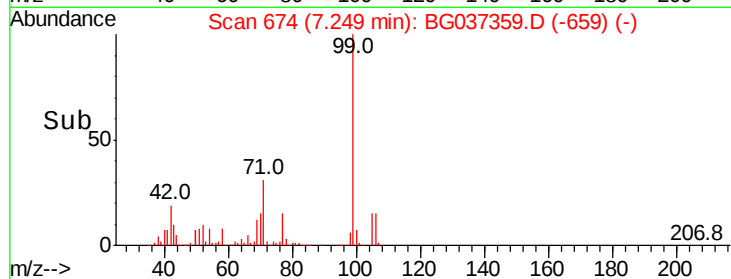
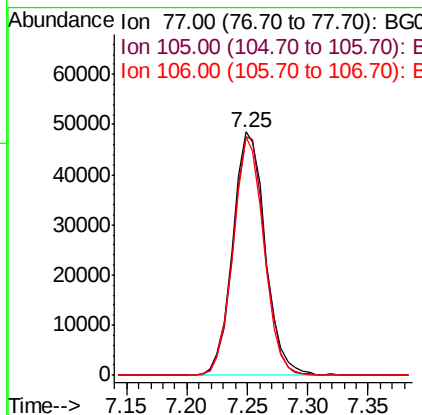
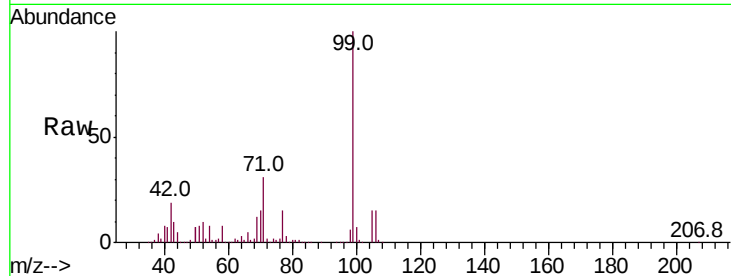
ClientSampleId :

PB113868BS

Tot Ion: 77 Resp: 91247
 Ion Ratio Lower Upper
 77 100
 105 97.8 72.6 112.6
 106 98.1 71.3 111.3

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#10

Phenol

Concen: 49.694 ng

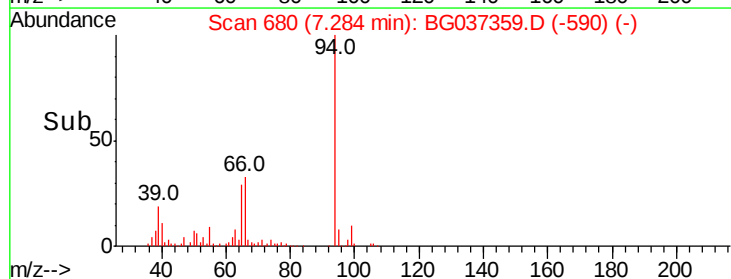
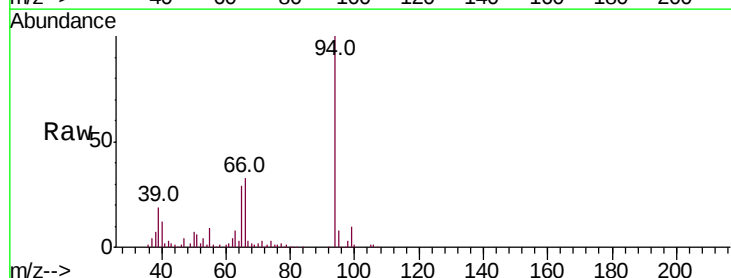
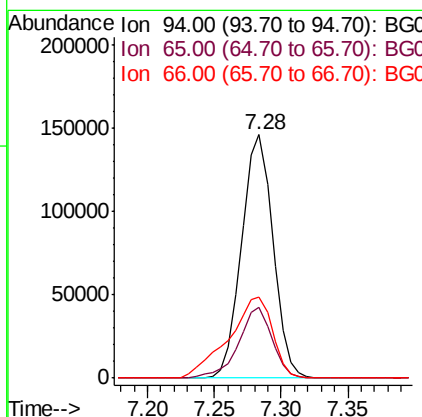
RT: 7.28 min Scan# 680

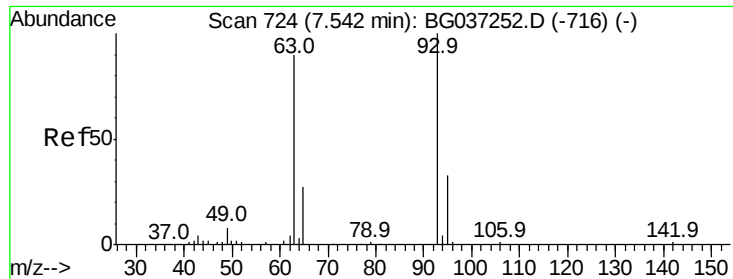
Delta R.T. 0.00 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion: 94 Resp: 237815
 Ion Ratio Lower Upper
 94 100
 65 29.0 9.7 49.7
 66 33.3 15.9 55.9





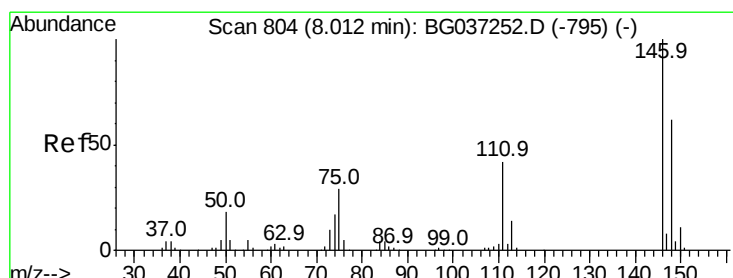
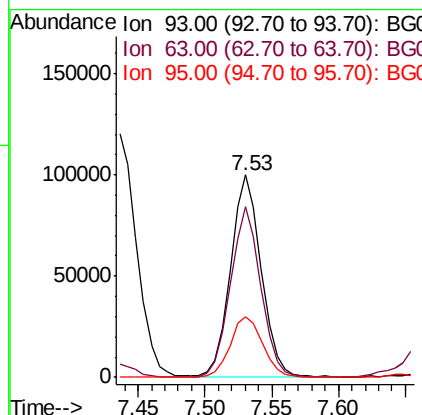
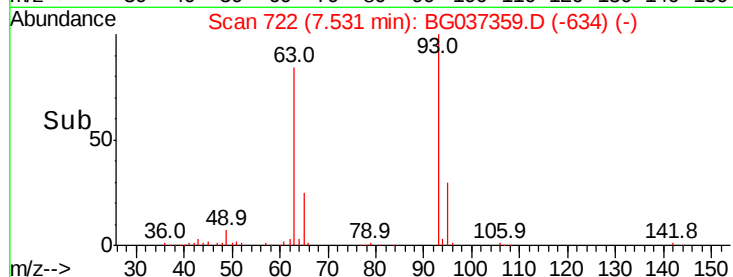
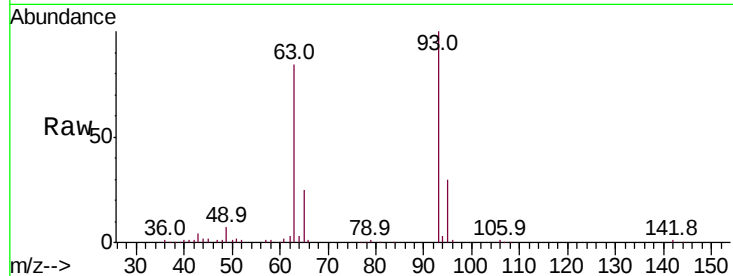
#11
bis(2-Chloroethyl)ether
Concen: 40.666 ng
RT: 7.53 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.5	69.5	109.5
95	29.9	12.6	52.6

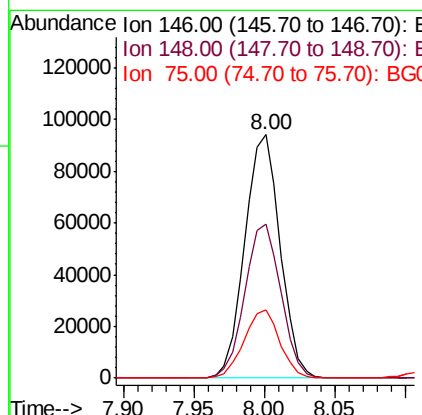
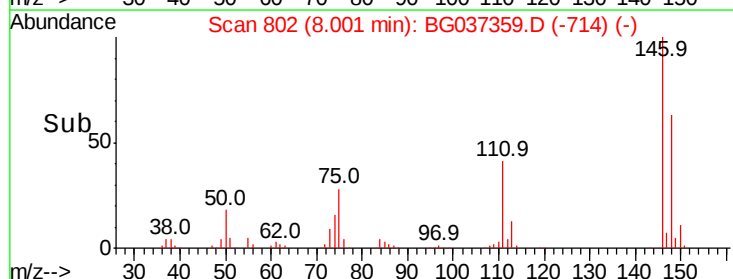
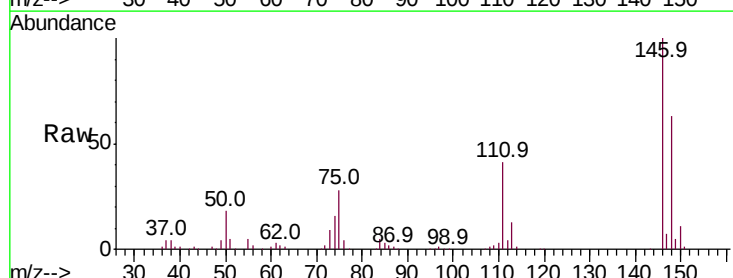
Manual Integrations
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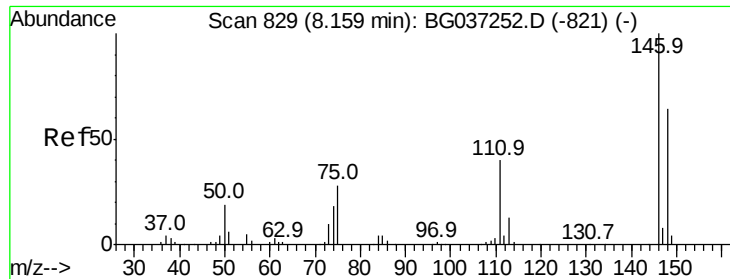
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.131 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.8	74.8
75	28.2	23.2	34.8





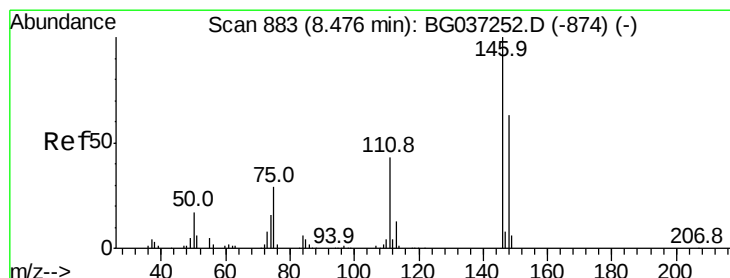
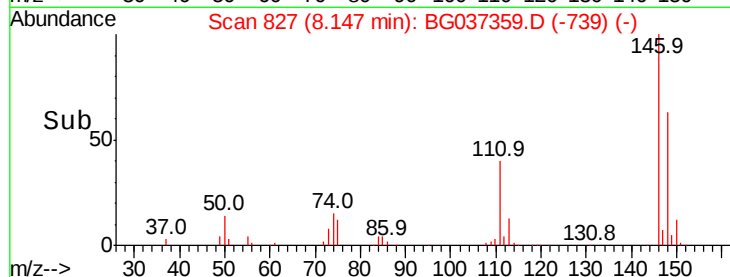
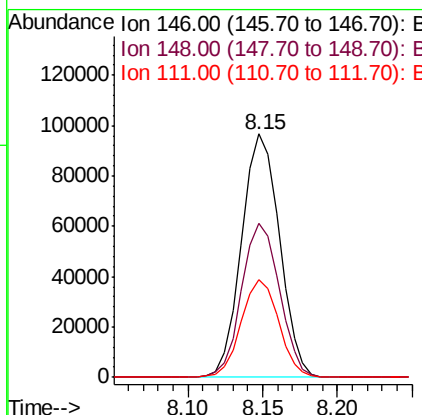
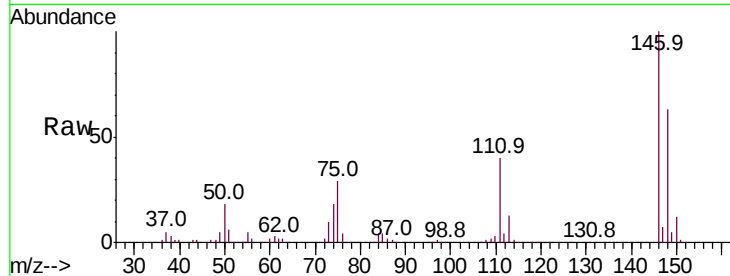
#13
 1,4-Dichlorobenzene
 Concen: 40.953 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB113868BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.6
111	40.3	32.4	48.6

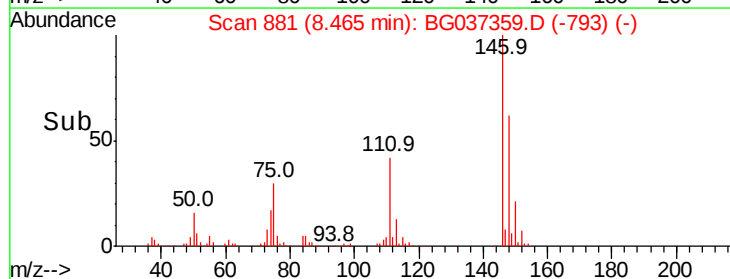
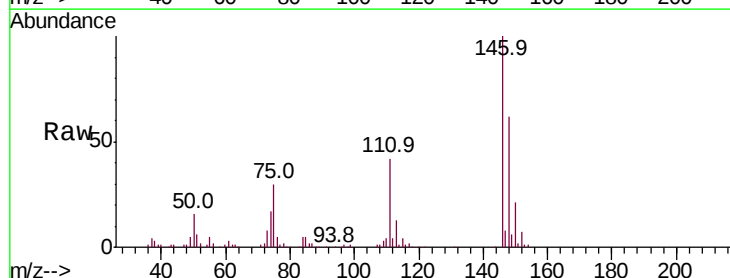
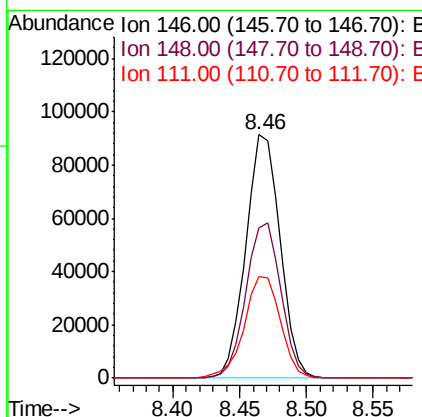
Manual Integrations
 APPROVED

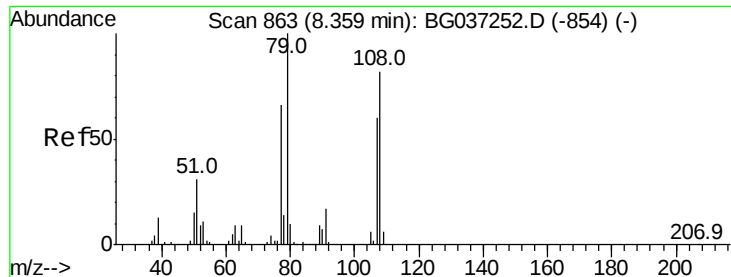
Sohil
 10/17/2018 2:59:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.142 ng
 RT: 8.46 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.4	75.6
111	41.9	34.6	51.8





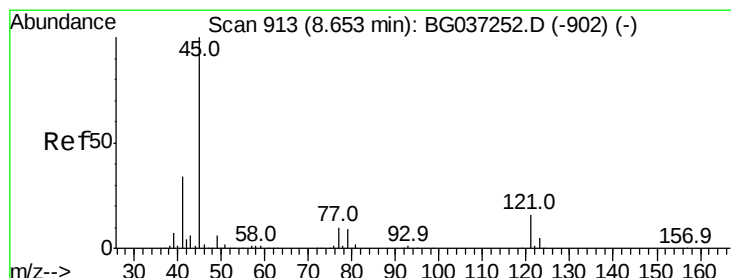
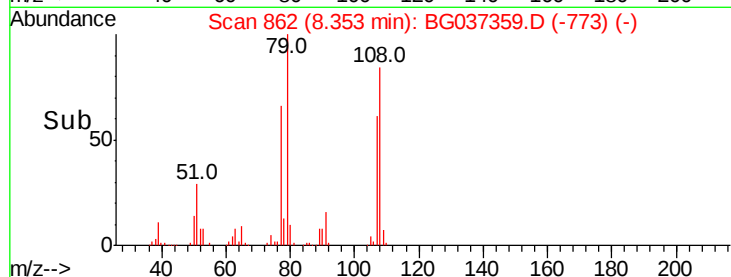
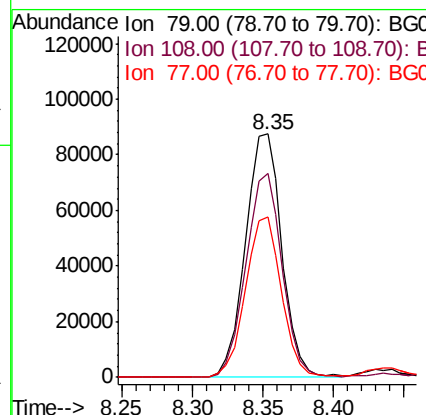
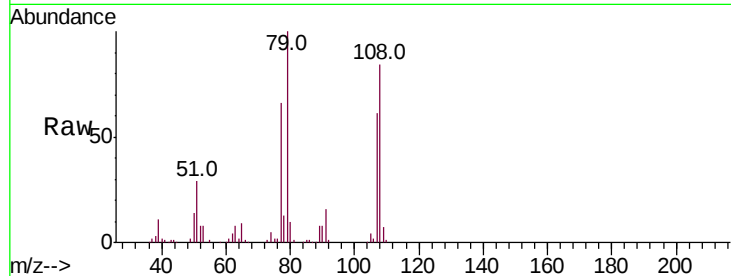
#15
Benzyl Alcohol
Concen: 44.455 ng
RT: 8.35 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.7	65.8	98.8
77	66.0	52.9	79.3

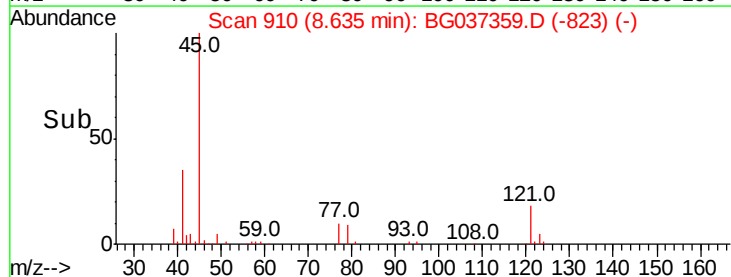
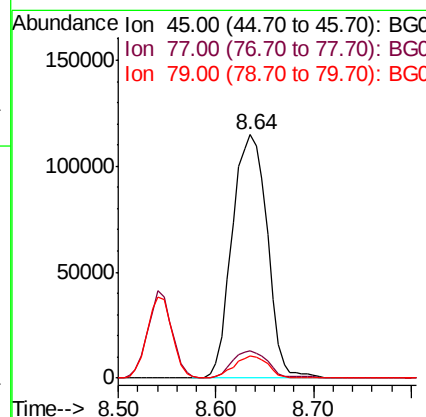
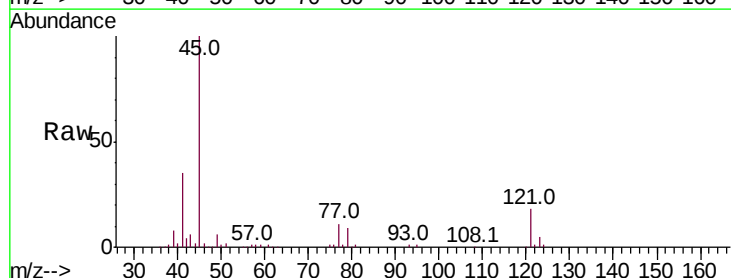
Manual Integrations
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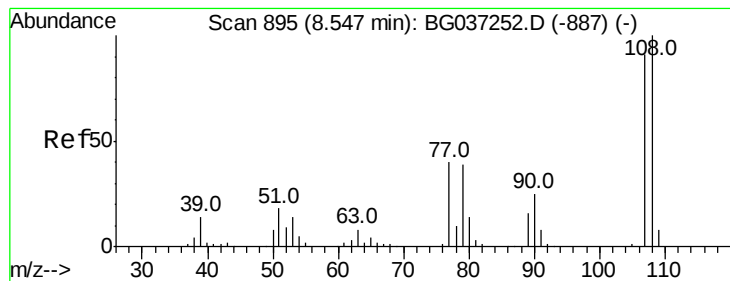
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.192 ng
RT: 8.64 min Scan# 910
Delta R.T. -0.02 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.0
79	8.9	0.0	29.0





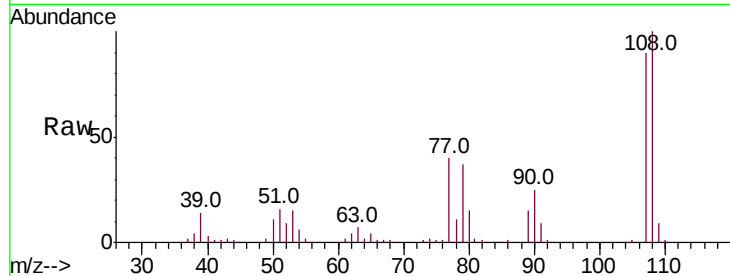
#17
2-Methylphenol
Concen: 49.967 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	87.9	131.9	
77	45.0	35.1	52.7	
79	41.7	34.5	51.7	

Manual Integrations
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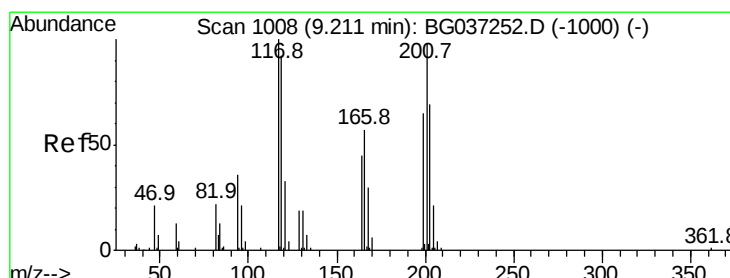
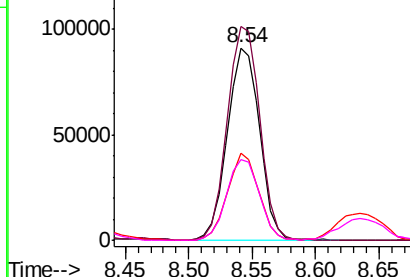
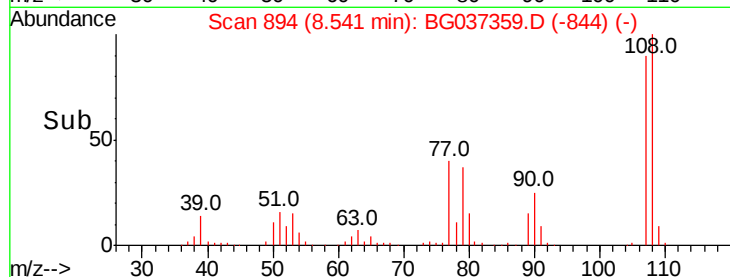
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

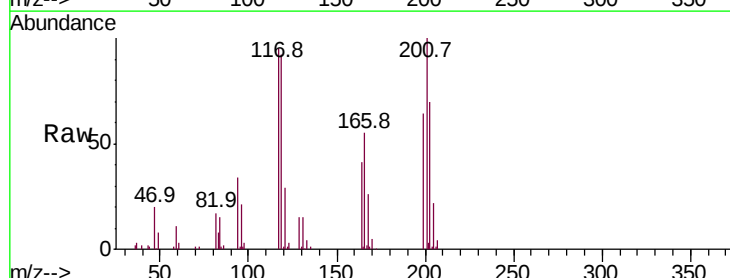
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.692 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	74.6	111.8	
201	108.2	80.8	121.2	

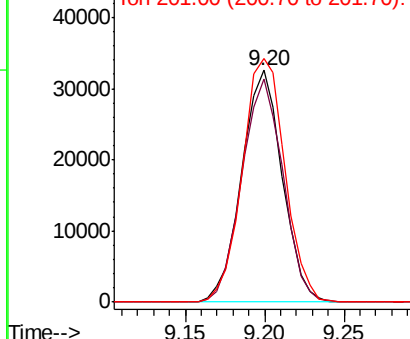
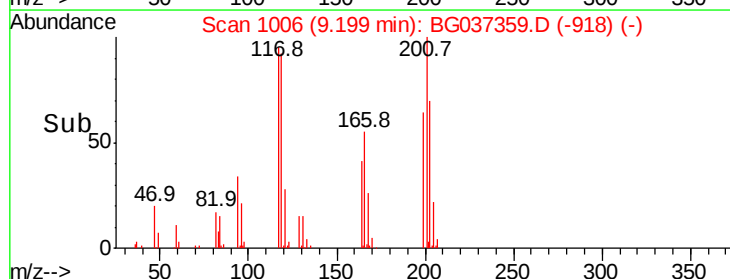


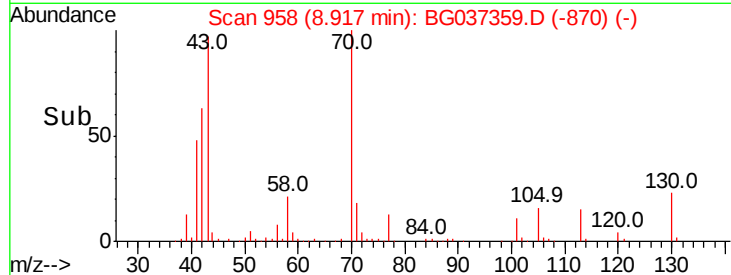
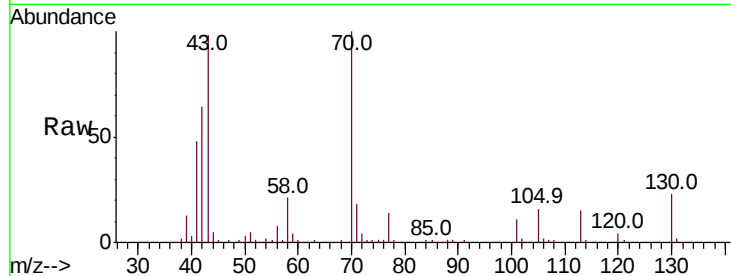
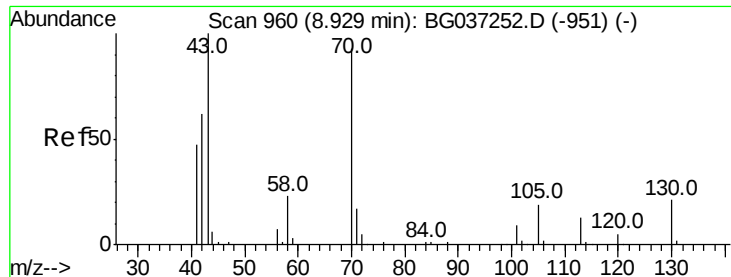
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





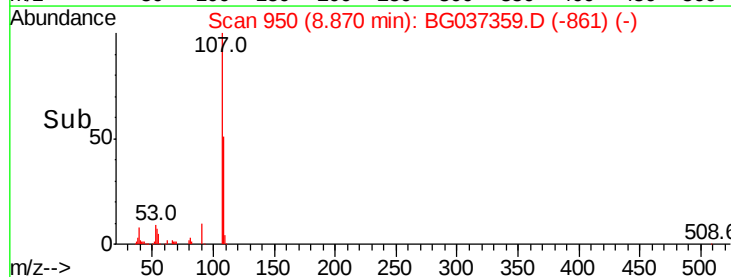
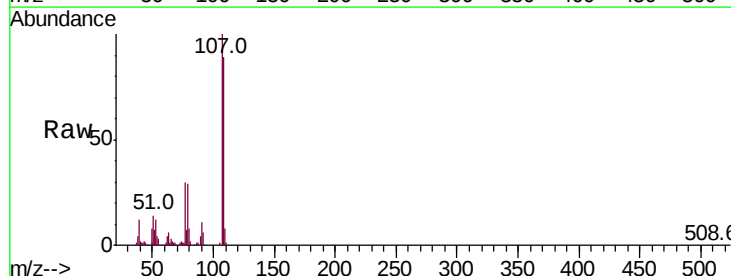
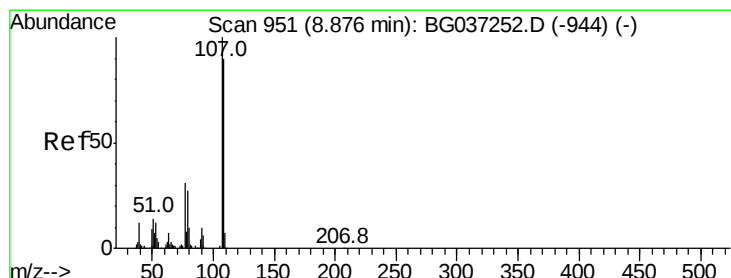
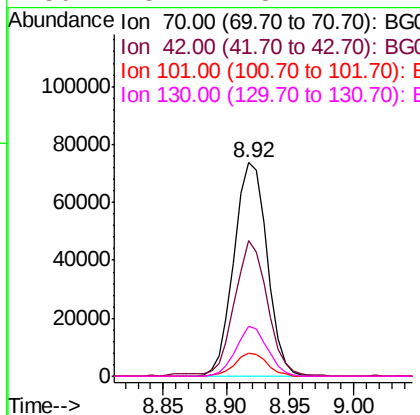
#19
n-Nitroso-di-n-propylamine
Concen: 38.876 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleID :
PB113868BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.6	53.9	80.9	
101	10.7	8.2	12.2	
130	23.4	18.2	27.4	

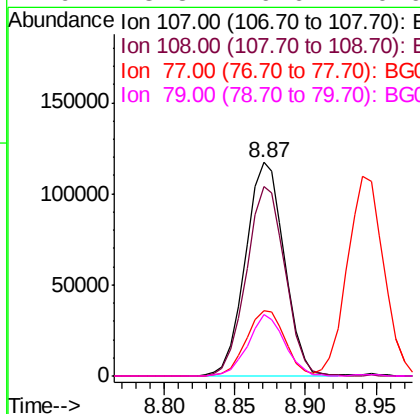
Manual Integrations
APPROVED

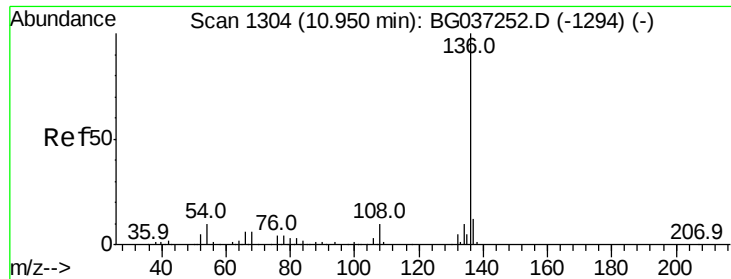
Sohil
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#20
3+4-Methylphenols
Concen: 50.389 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	69.9	109.9	
77	30.5	11.2	51.2	
79	28.8	6.6	46.6	





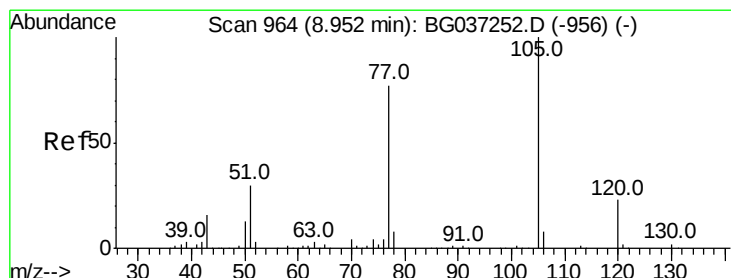
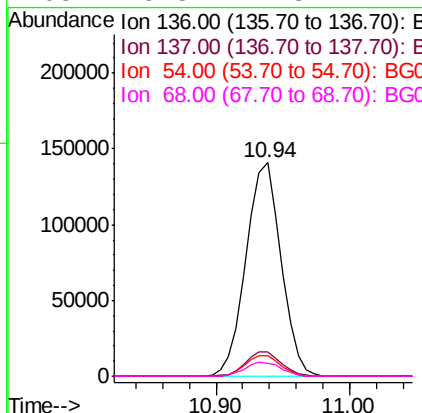
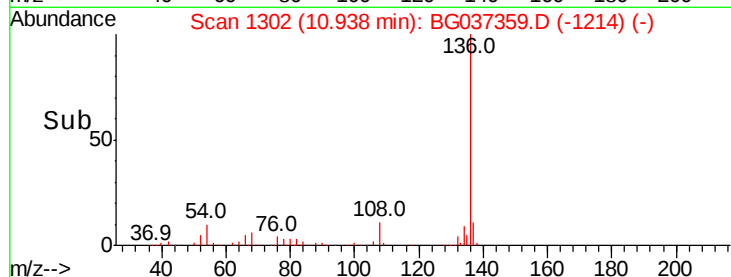
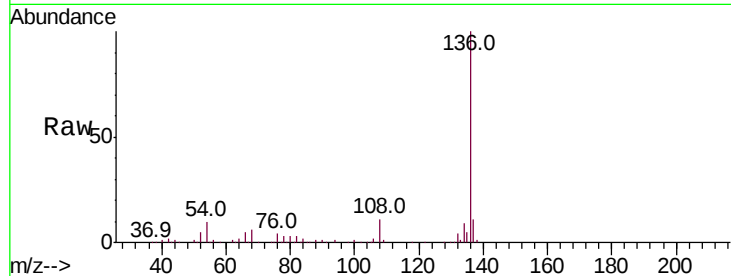
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	254751		
137	11.3	9.6	14.4	
54	9.7	7.9	11.9	
68	5.8	4.8	7.2	

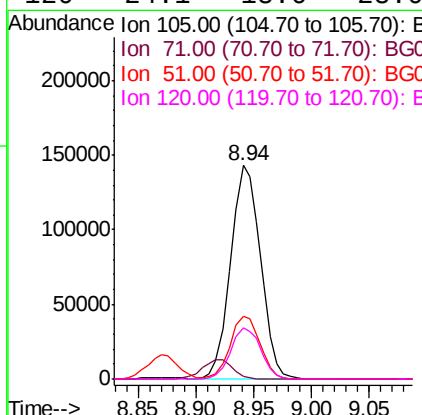
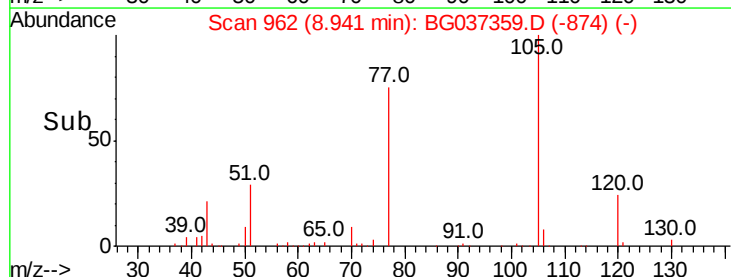
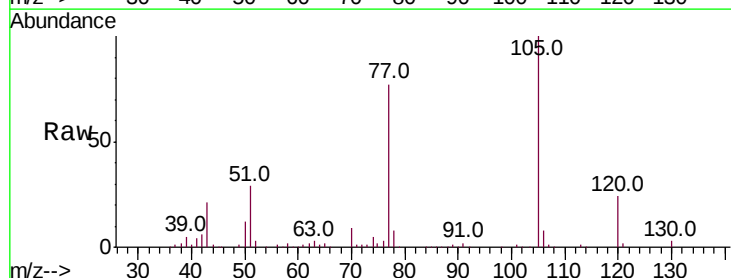
Manual Integrations
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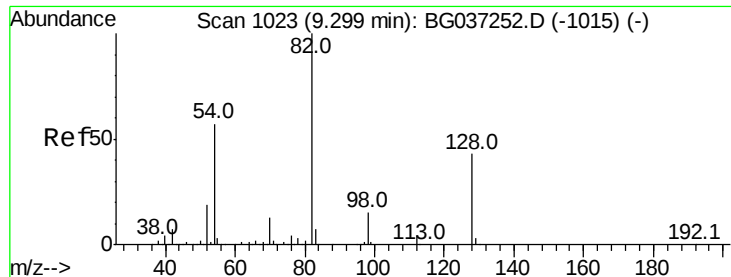
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#22
Acetophenone
Concen: 39.952 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	256561		
71	1.5	1.2	1.8	
51	29.4	25.0	37.6	
120	24.1	18.6	28.0	





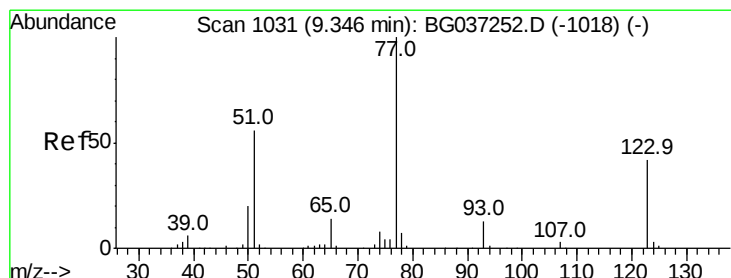
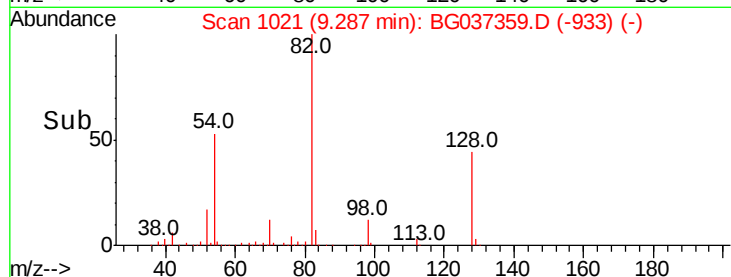
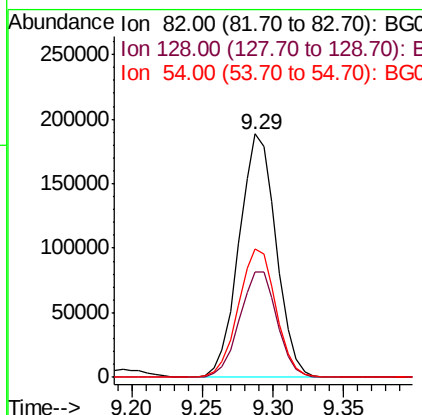
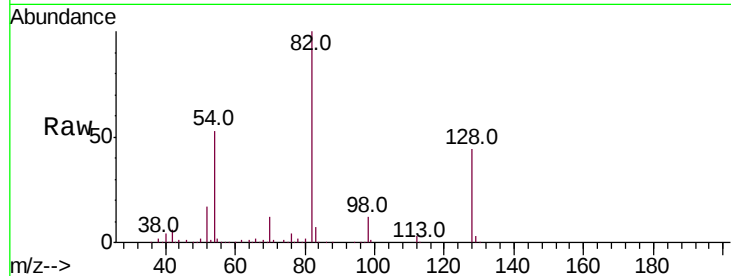
#23
Nitrobenzene-d5
Concen: 89.221 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampled :
PB113868BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	52.7	45.3	67.9

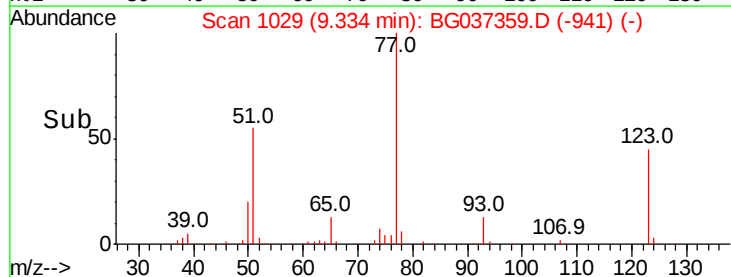
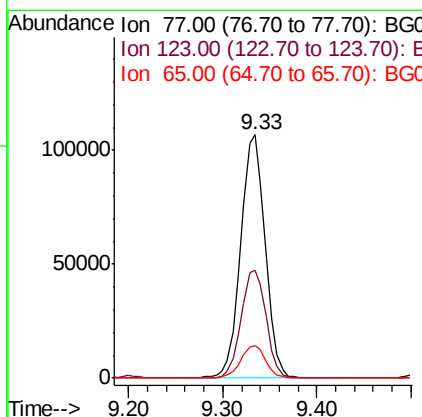
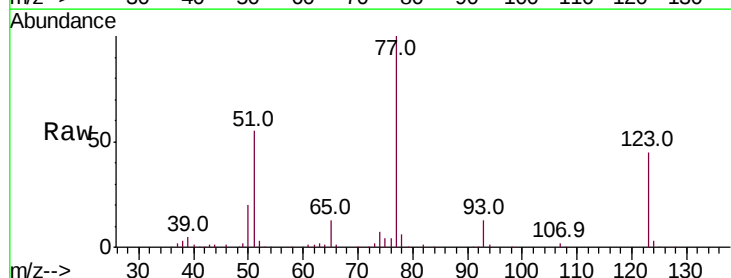
Manual Integrations
APPROVED

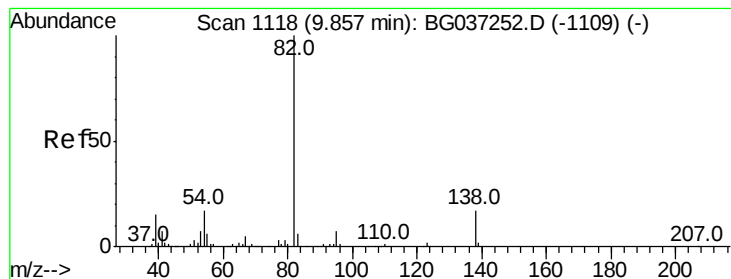
Sohil
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#24
Nitrobenzene
Concen: 46.466 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	33.6	50.4
65	13.3	11.3	16.9





#25

Isophorone

Concen: 44.424 ng

RT: 9.85 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

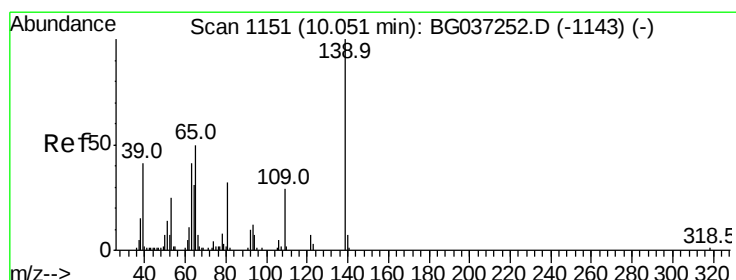
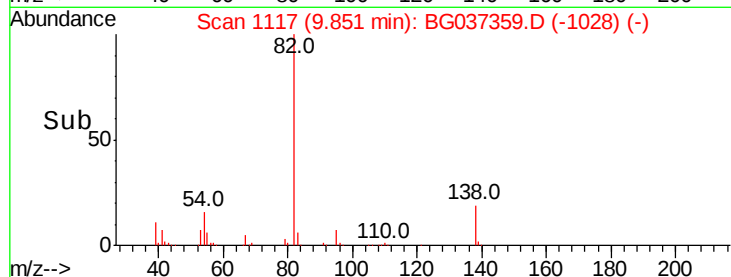
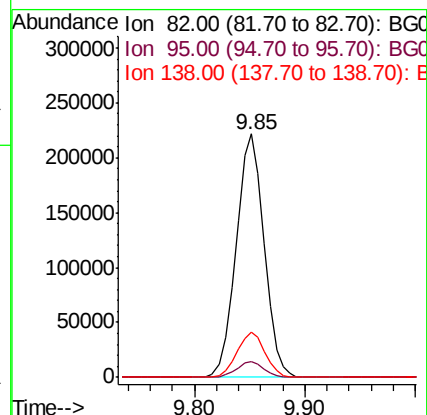
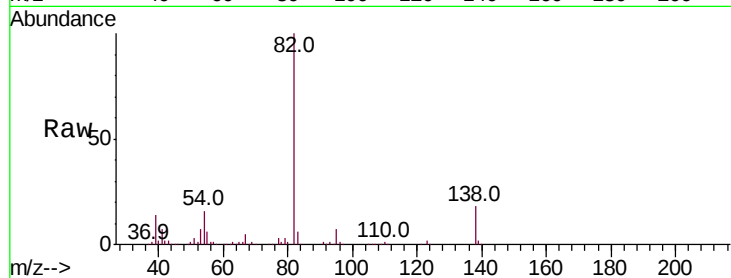
ClientSampleId :

PB113868BS

Tot Ion	82	Resp	392958
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	18.5	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.447 ng

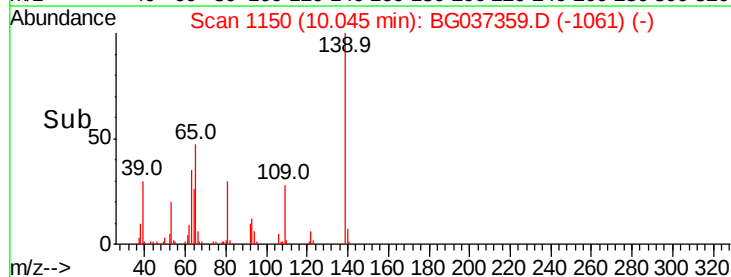
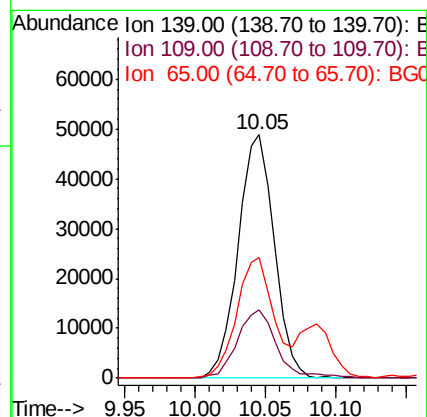
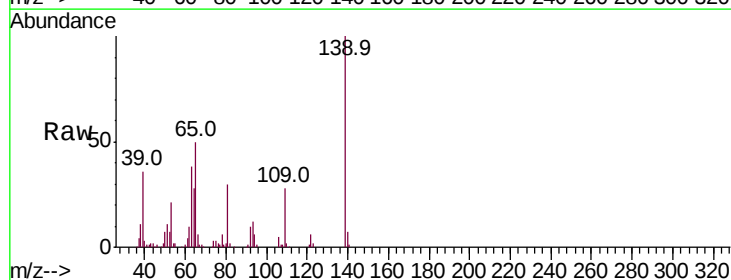
RT: 10.05 min Scan# 1150

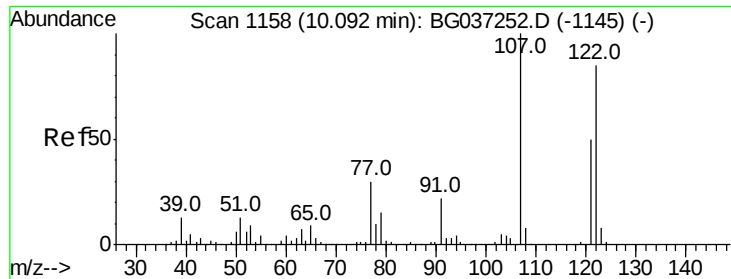
Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion	139	Resp	87394
Ion Ratio	Lower	Upper	
139	100		
109	27.9	23.3	34.9
65	49.8	39.8	59.8





#27

2,4-Dimethylphenol

Concen: 52.705 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

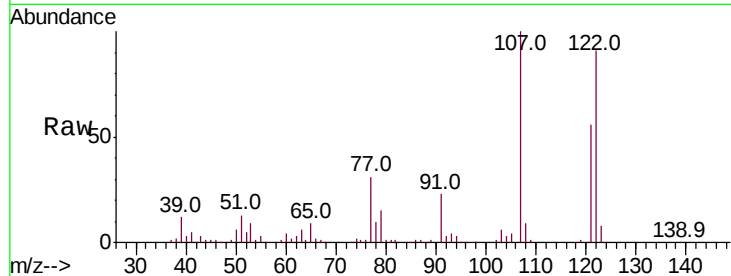
ClientSampleId :

PB113868BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	194868		
107	109.3	94.2	141.2	
121	61.7	47.3	70.9	

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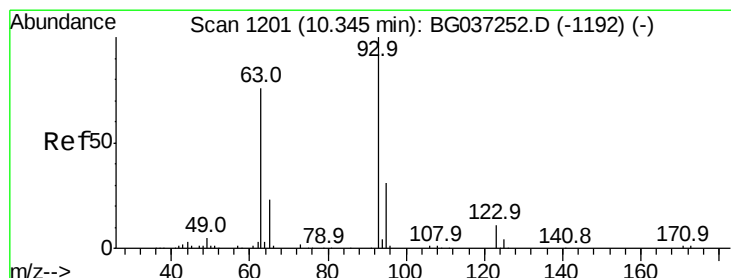
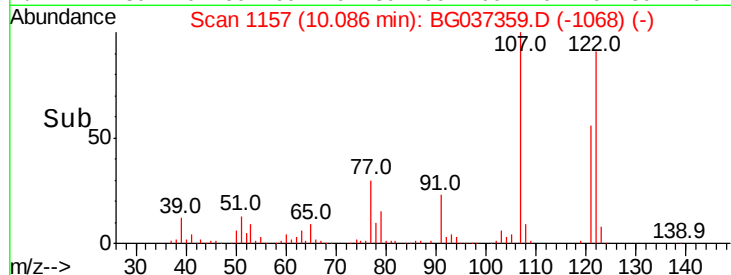
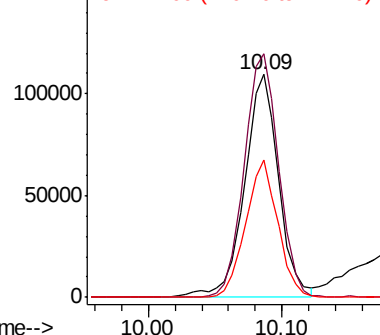


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.967 ng

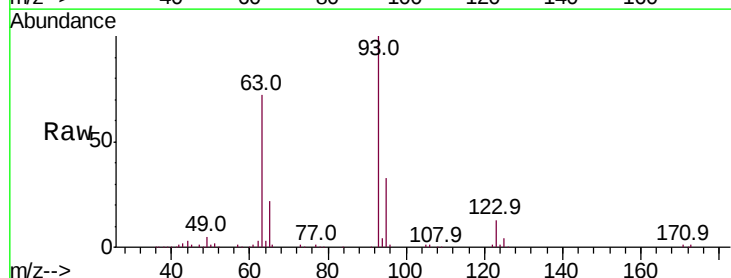
RT: 10.33 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	237788		
95	32.7	24.6	37.0	
123	12.7	9.1	13.7	

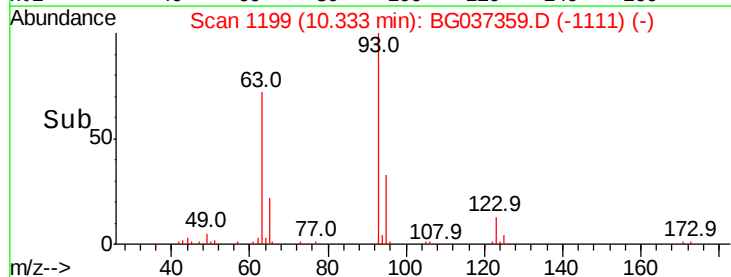
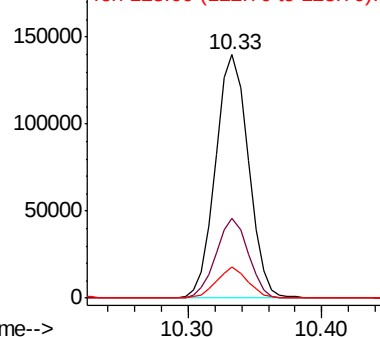


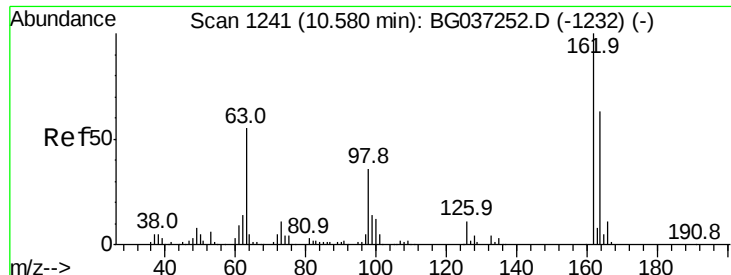
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





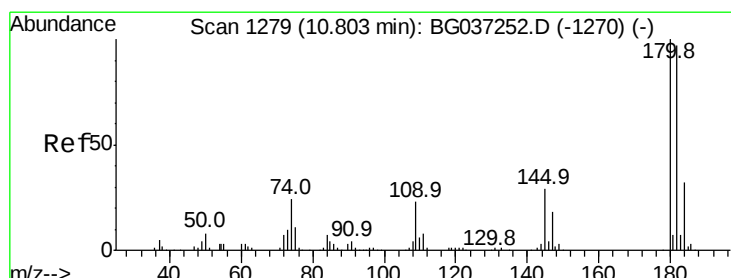
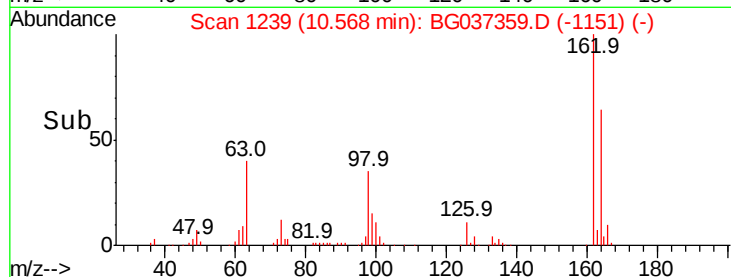
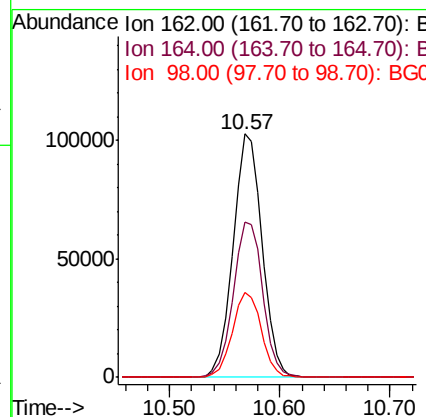
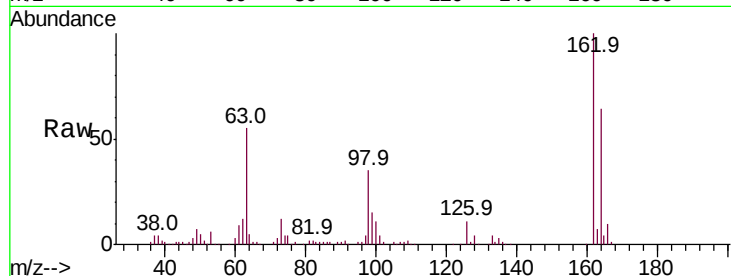
#29
2,4-Dichlorophenol
Concen: 50.505 ng
RT: 10.57 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampled :
PB113868BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	43.2	83.2
98	34.6	16.0	56.0

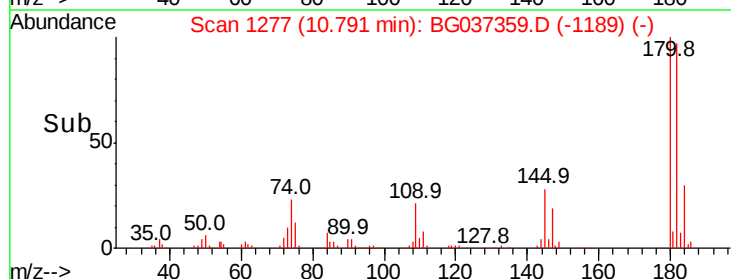
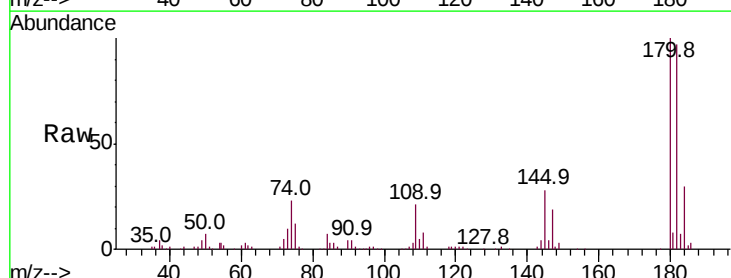
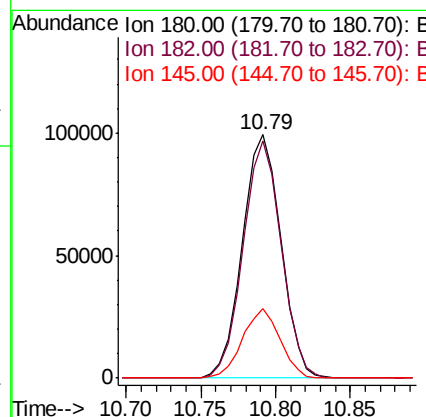
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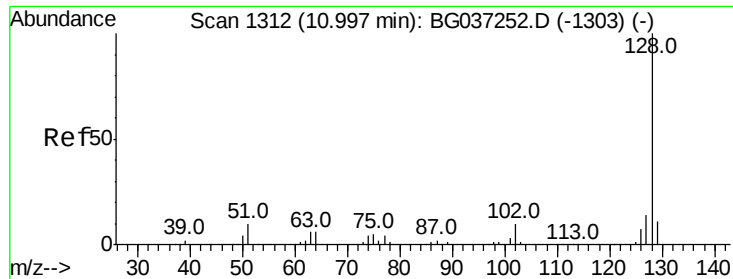
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#30
1,2,4-Trichlorobenzene
Concen: 38.960 ng
RT: 10.79 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.4	77.7	116.5
145	28.3	23.3	34.9





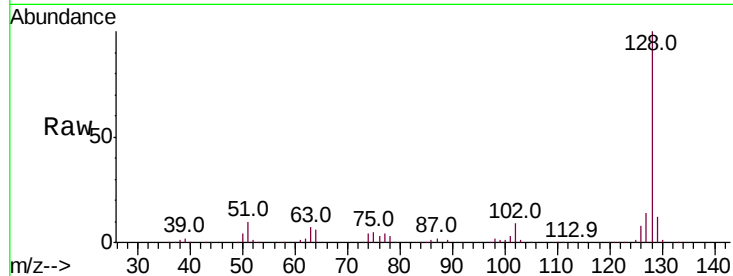
#31
Naphthalene
Concen: 43.531 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

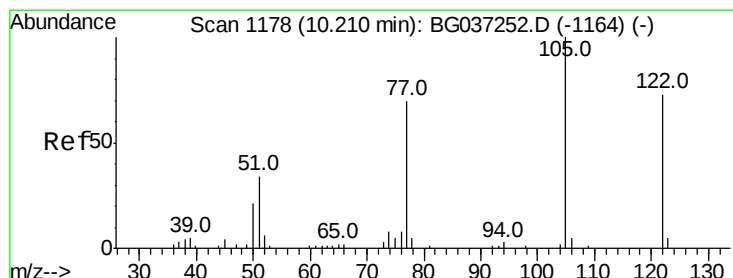
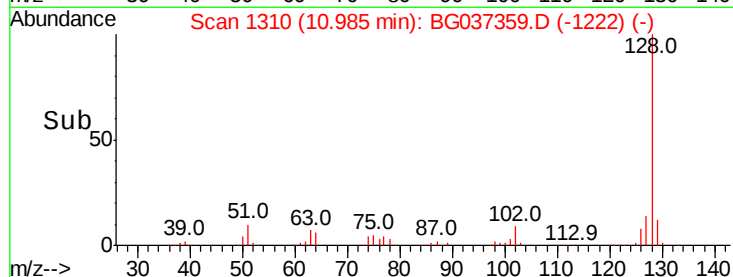
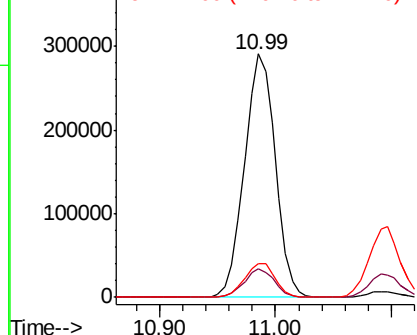
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.9	11.1	16.7

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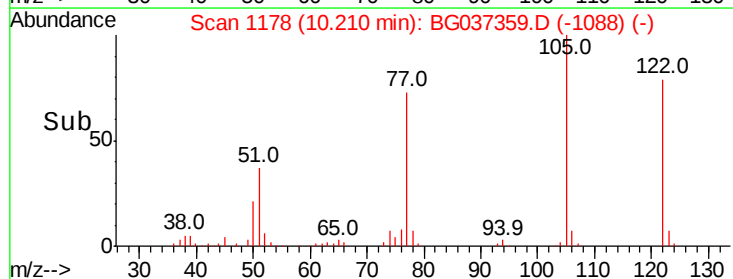
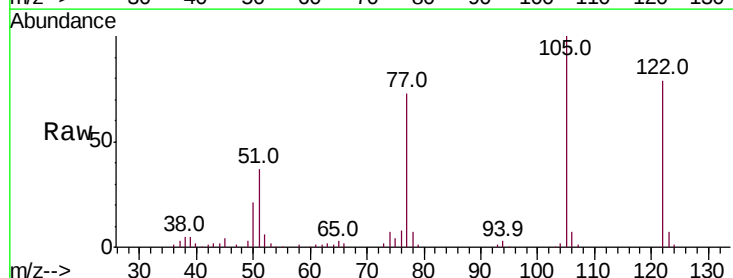
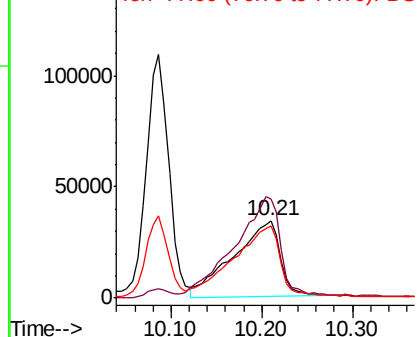
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

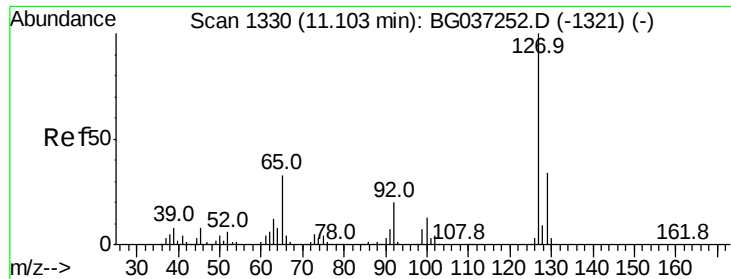


#32
Benzoic acid
Concen: 59.683 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.3	106.7	146.7
77	92.9	72.2	112.2

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





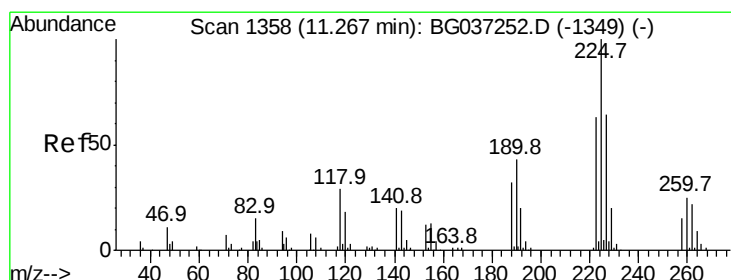
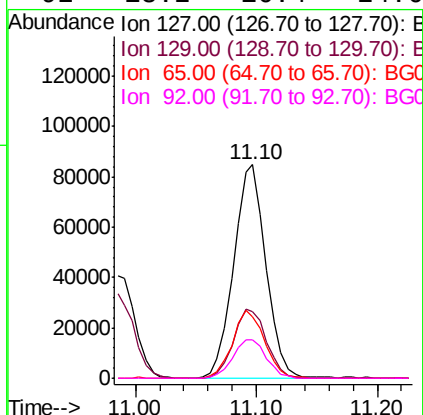
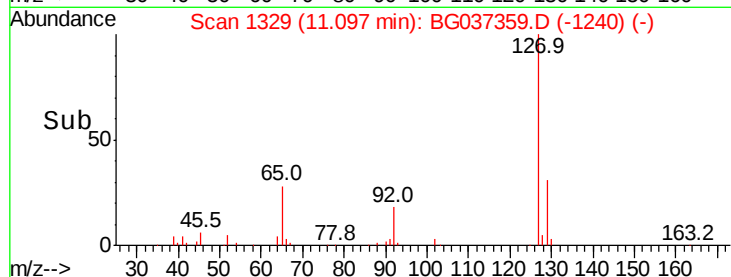
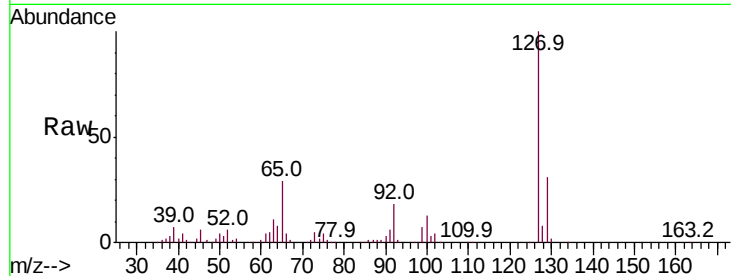
#33
4-Chloroaniline
Concen: 27.110 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	27.1	40.7	
65	29.0	26.6	39.8	
92	18.2	16.4	24.6	

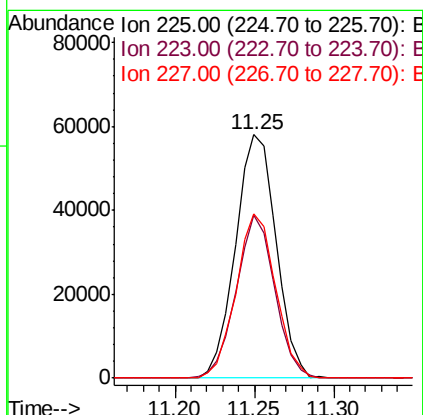
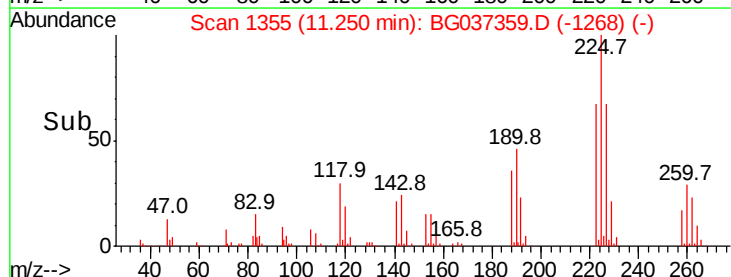
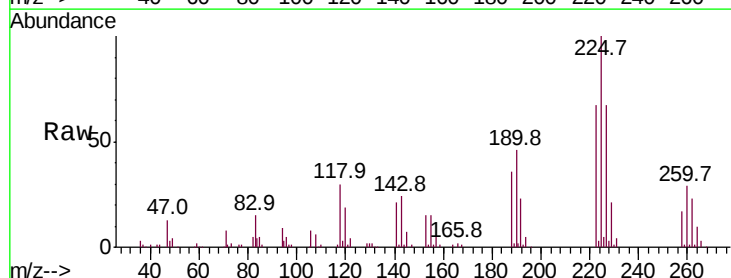
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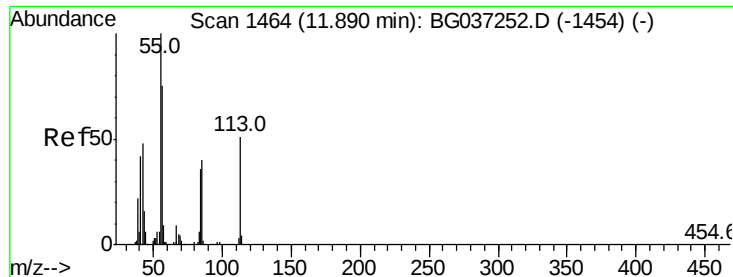
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#34
Hexachlorobutadiene
Concen: 36.229 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	48.2	72.4	
227	67.0	51.6	77.4	





#35

Caprolactam

Concen: 50.315 ng/ml

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

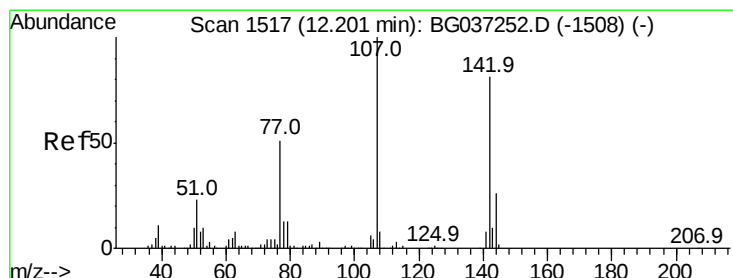
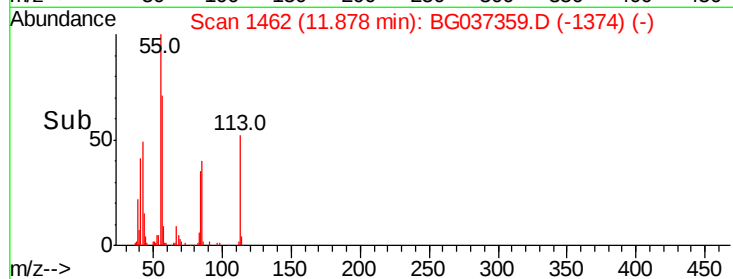
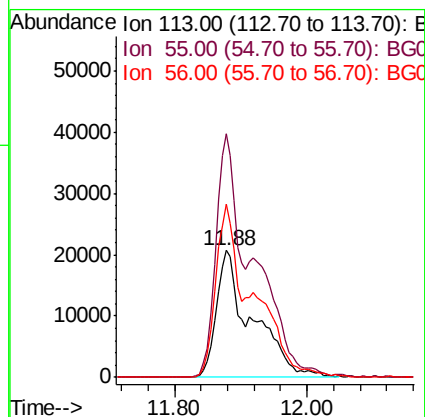
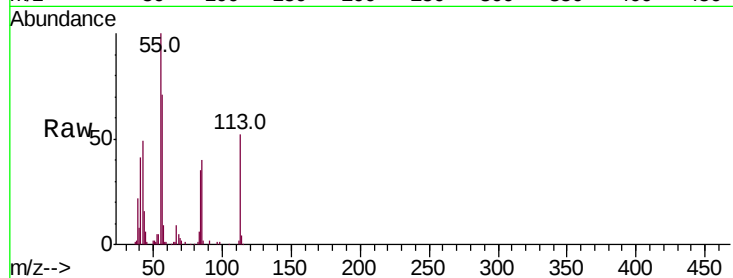
ClientSampleId :

PB113868BS

Tot Ion:	113	Resp:	76985
Ion Ratio	Lower	Upper	
113	100		
55	192.1	176.6	216.6
56	137.1	128.3	168.3

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#36

4-Chloro-3-methylphenol

Concen: 47.943 ng/ml

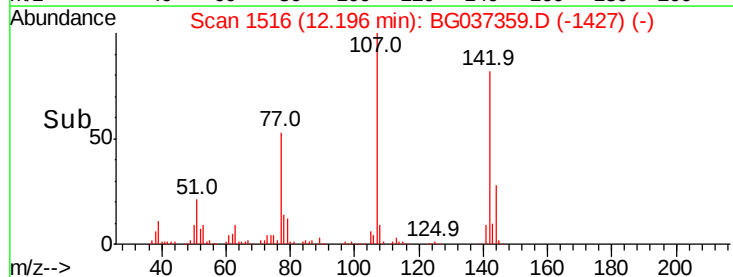
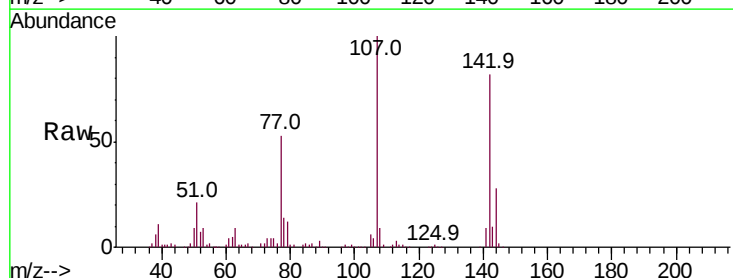
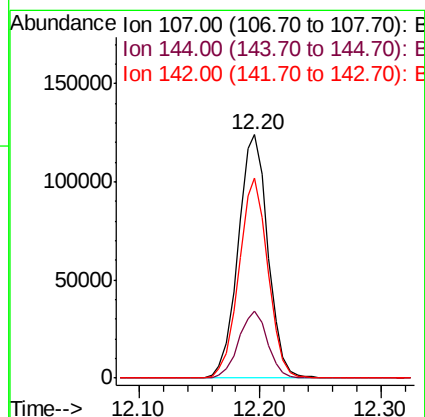
RT: 12.20 min Scan# 1516

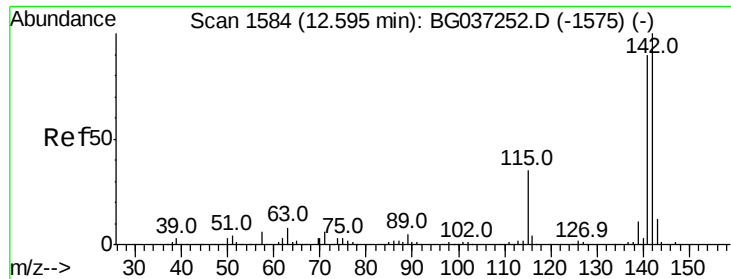
Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:	107	Resp:	212509
Ion Ratio	Lower	Upper	
107	100		
144	27.6	20.7	31.1
142	82.1	64.4	96.6





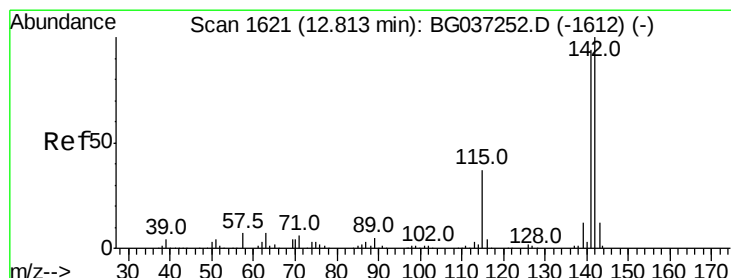
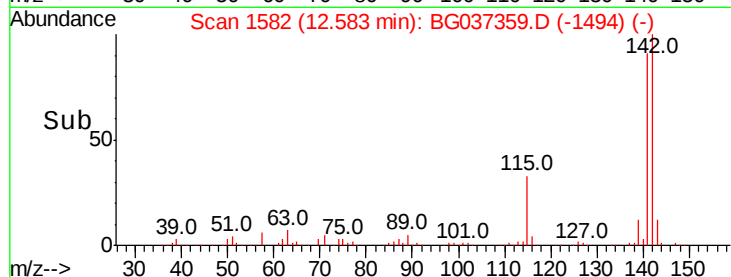
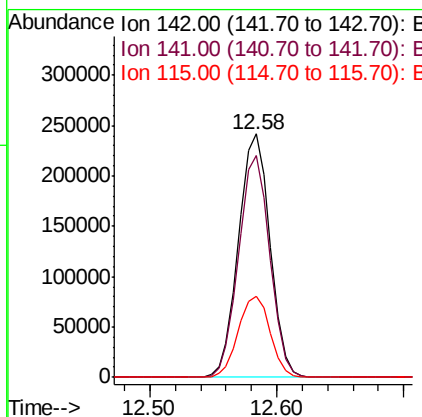
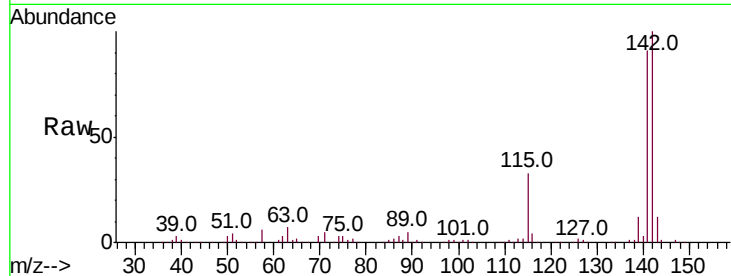
#37
2-Methylnaphthalene
Concen: 46.013 ng
RT: 12.58 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
115	33.4	27.8	41.8

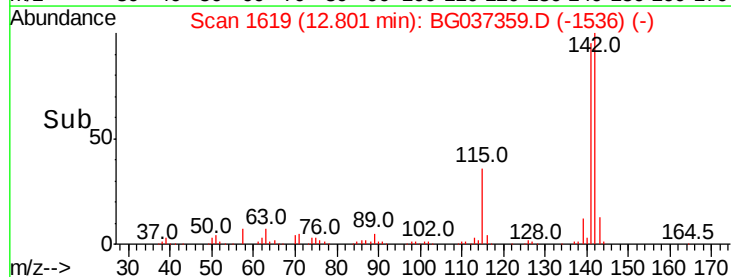
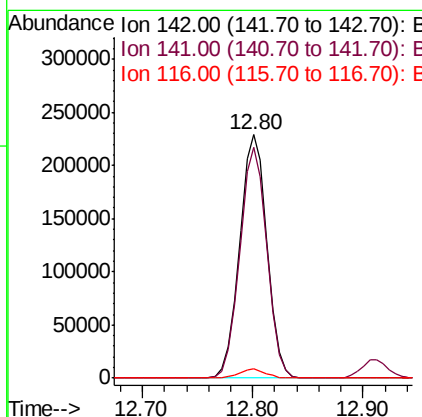
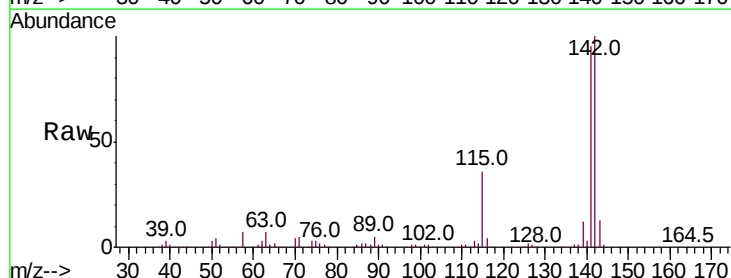
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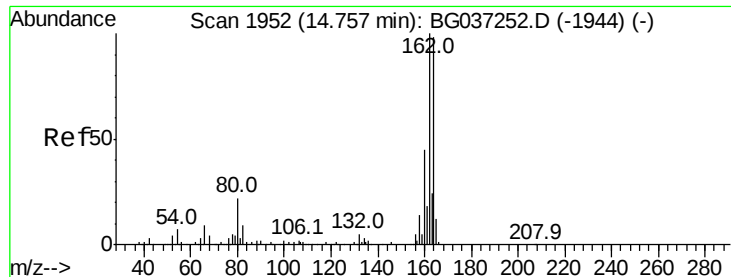
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#38
1-Methylnaphthalene
Concen: 44.800 ng
RT: 12.80 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.2	112.8
116	3.6	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

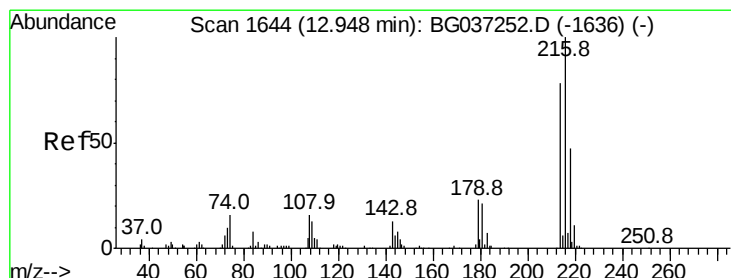
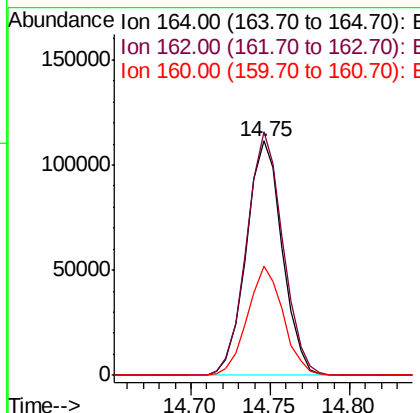
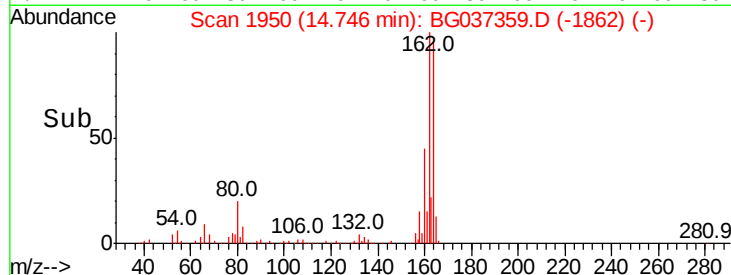
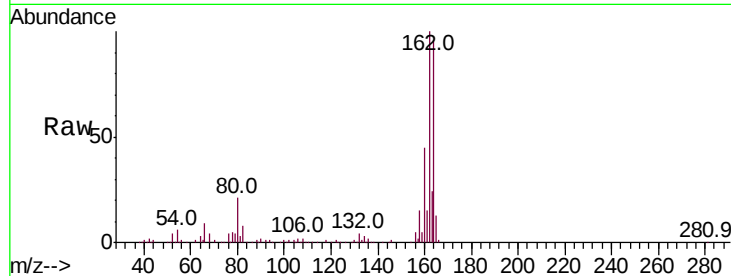
ClientSampleId :

PB113868BS

Tot Ion:	164	Resp:	175648
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.3	121.9
160	46.5	36.3	54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.036 ng

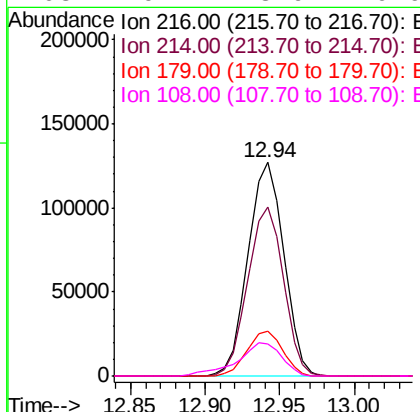
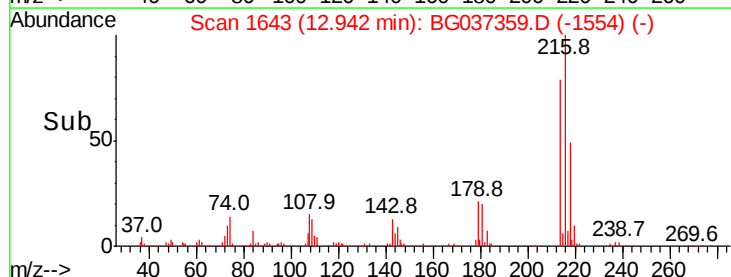
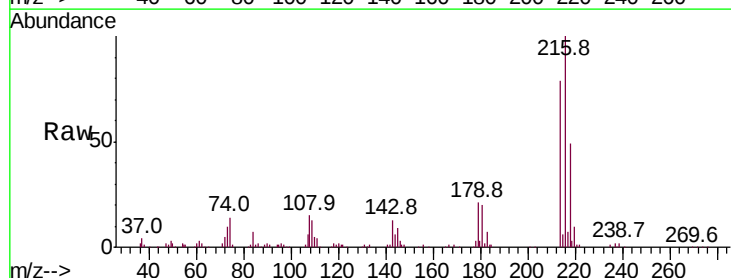
RT: 12.94 min Scan# 1643

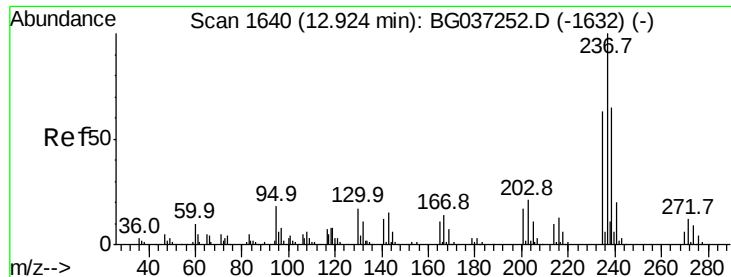
Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:	216	Resp:	210671
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.8	95.6
179	21.0	17.4	26.0
108	19.2	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 104.430 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

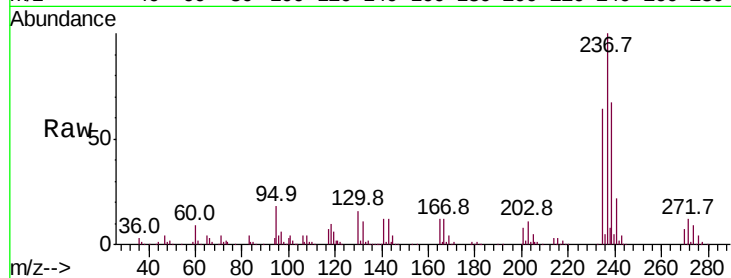
ClientSampleId :

PB113868BS

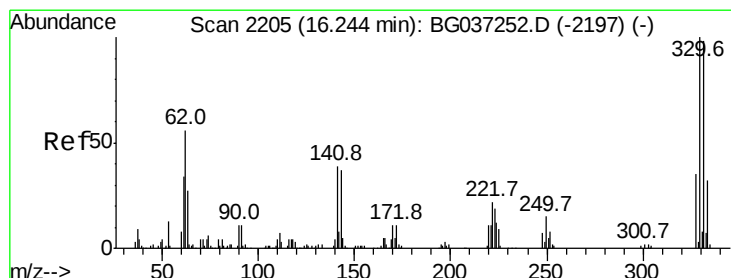
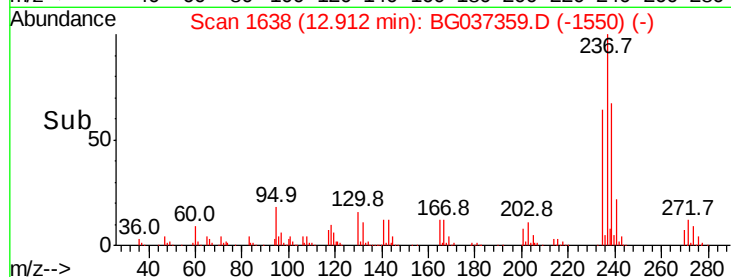
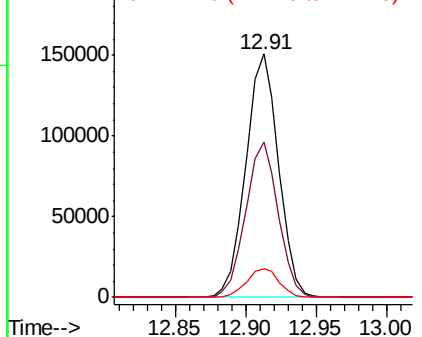
Tot Ion:	237	Resp:	244887
Ion Ratio		Lower	Upper
237	100		
235	64.0	42.5	82.5
272	12.0	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 152.004 ng

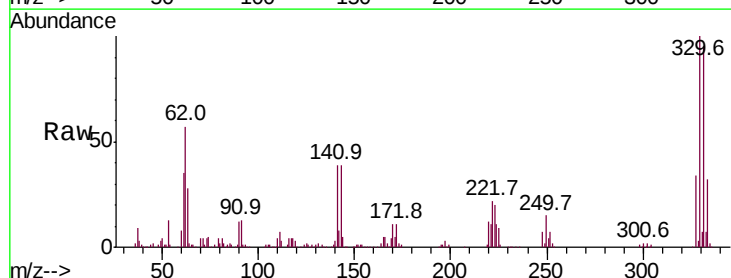
RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

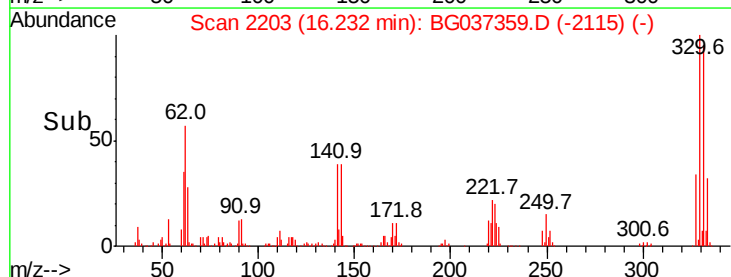
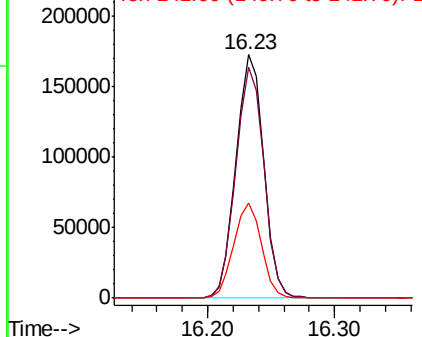
Lab File: BG037359.D

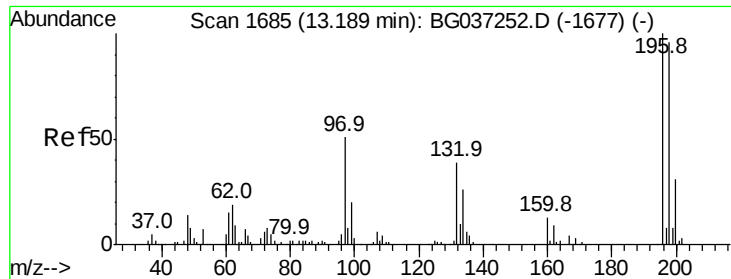
Acq: 16 Oct 2018 14:54

Tgt Ion:	330	Resp:	261845
Ion Ratio		Lower	Upper
330	100		
332	95.7	78.4	117.6
141	38.9	32.2	48.2



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





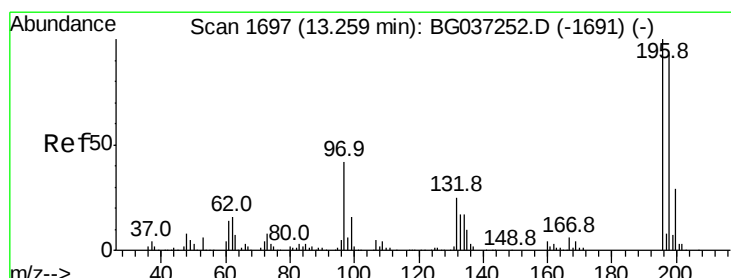
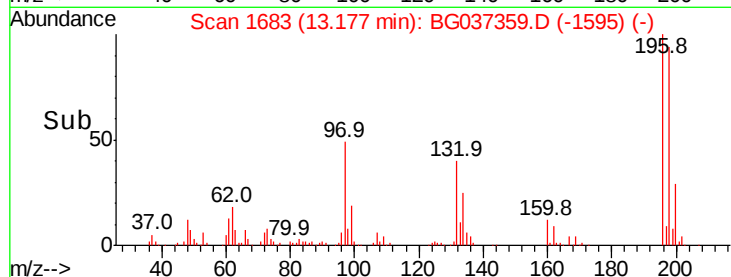
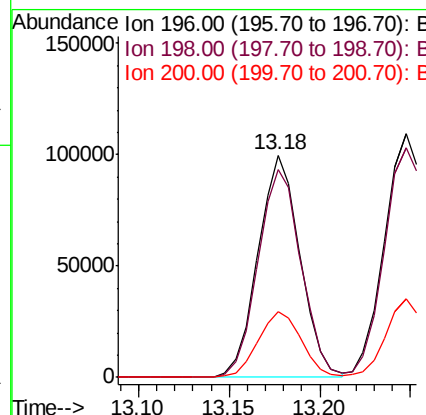
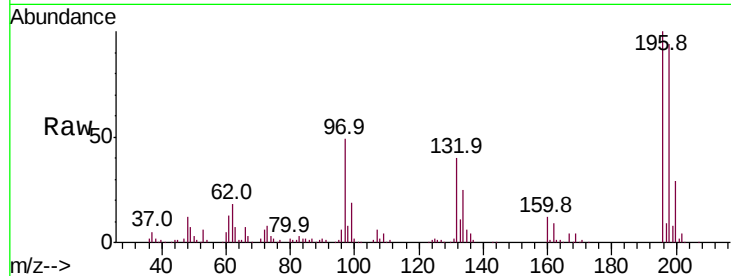
#43
 2,4,6-Trichlorophenol
 Concen: 48.933 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampled :
 PB113868BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161471		
198	93.7	76.4	114.6	
200	29.5	24.9	37.3	

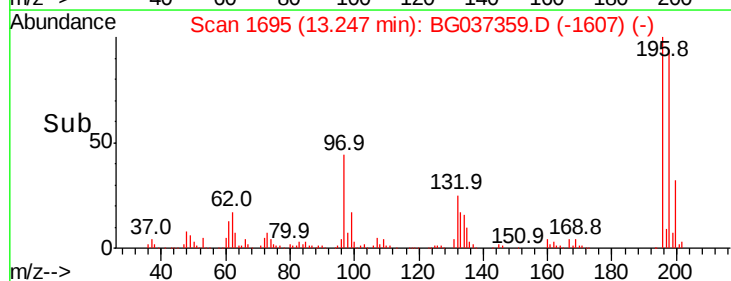
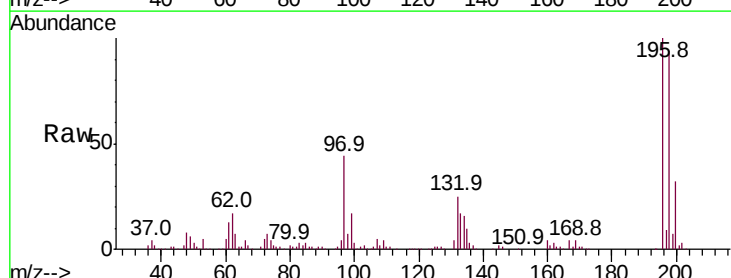
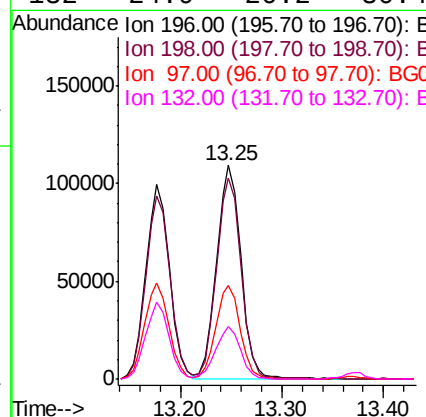
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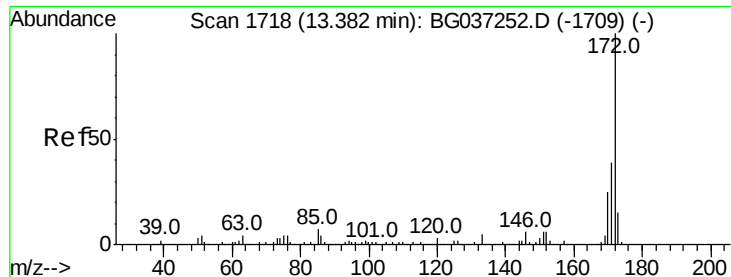
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 51.230 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181886		
198	94.1	74.2	111.2	
97	43.9	34.1	51.1	
132	24.9	20.2	30.4	





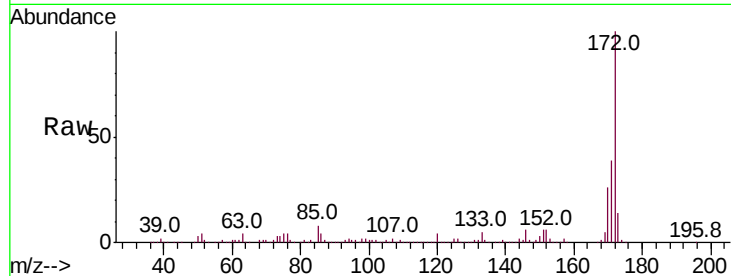
#45
2-Fluorobiphenyl
Concen: 75.457 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

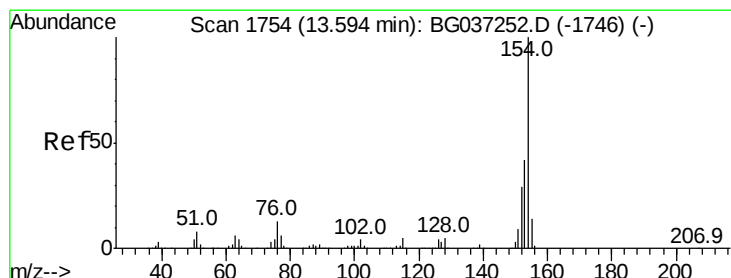
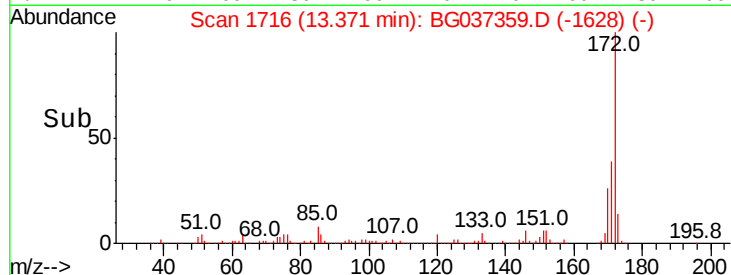
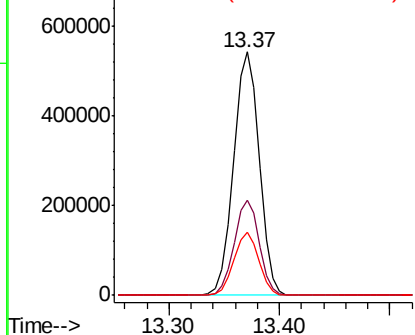
Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	39.1	31.0	46.4	
170	25.7	20.2	30.2	

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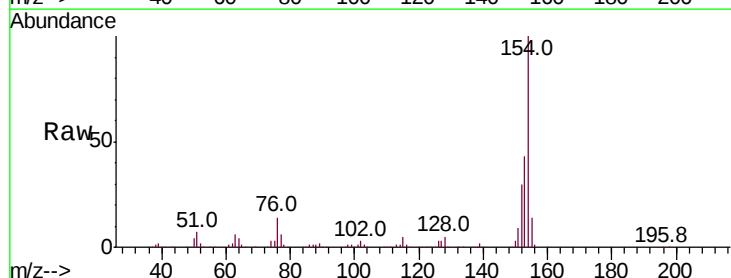


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

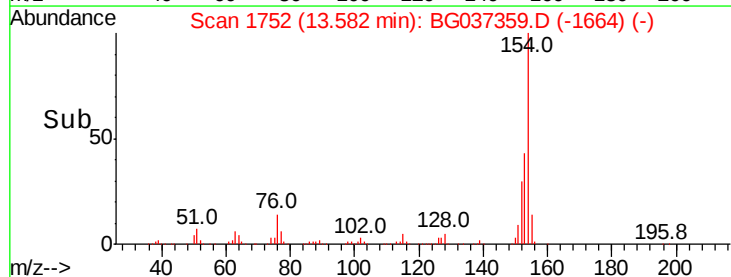
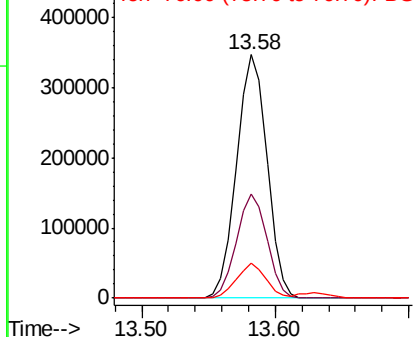


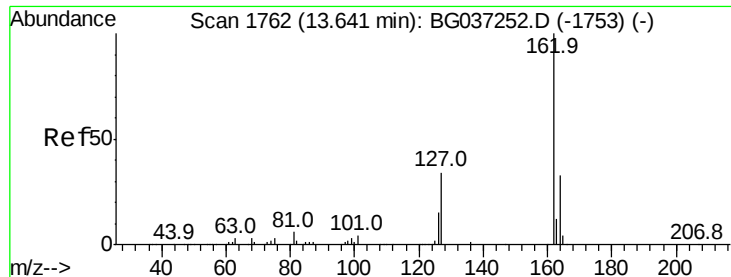
#46
1,1'-Biphenyl
Concen: 37.945 ng
RT: 13.58 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.5	22.1	62.1	
76	14.4	0.0	33.2	



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





#47

2-Chloronaphthalene

Concen: 39.439 ng

RT: 13.63 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

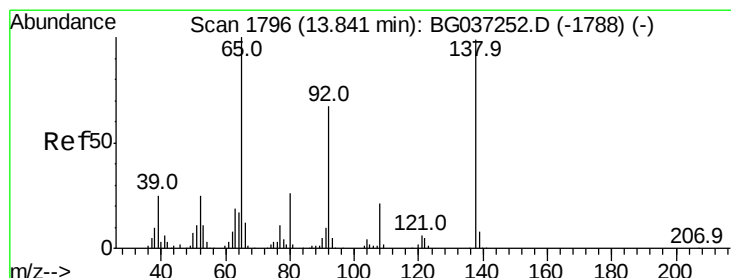
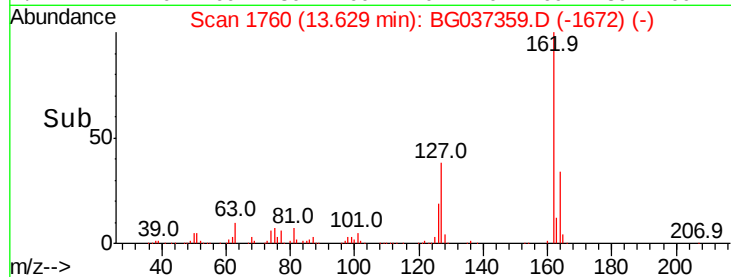
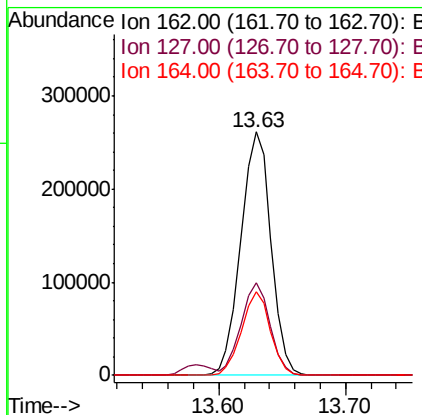
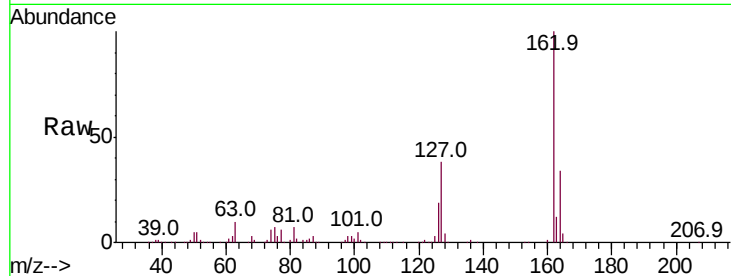
ClientSampleId :

PB113868BS

Tot Ion:	162	Resp:	430447
Ion Ratio	Lower	Upper	
162	100		
127	38.2	30.5	45.7
164	34.2	26.4	39.6

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#48

2-Nitroaniline

Concen: 47.761 ng

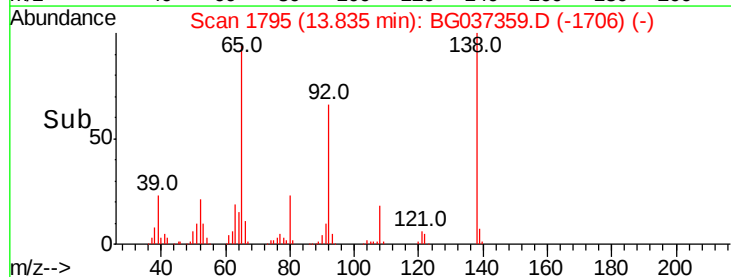
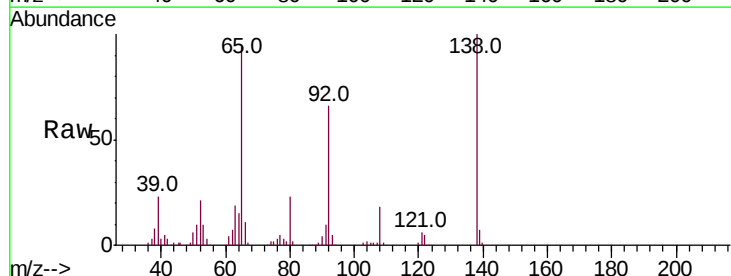
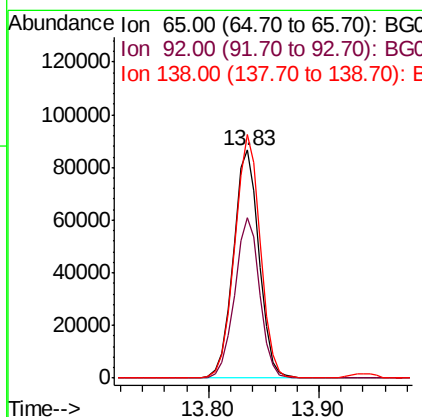
RT: 13.83 min Scan# 1795

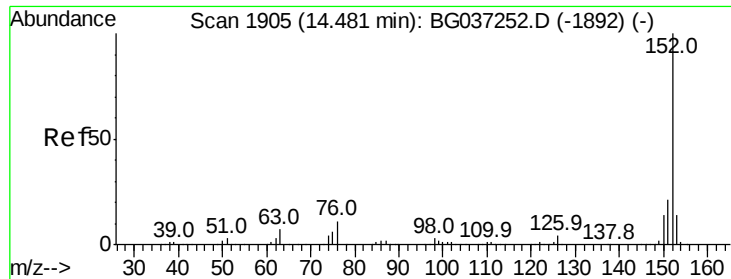
Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:	65	Resp:	141137
Ion Ratio	Lower	Upper	
65	100		
92	70.4	53.2	79.8
138	106.8	79.3	118.9





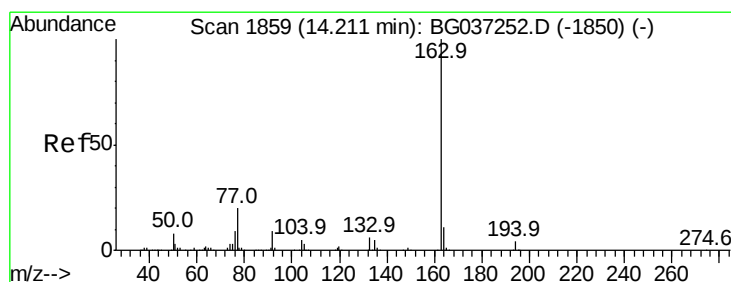
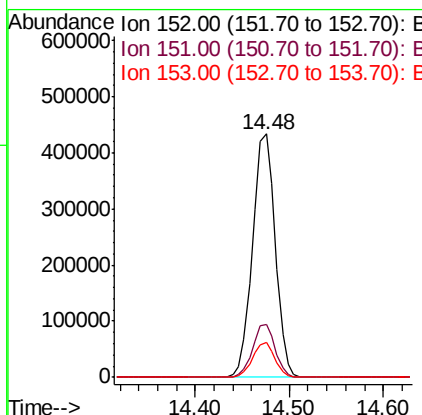
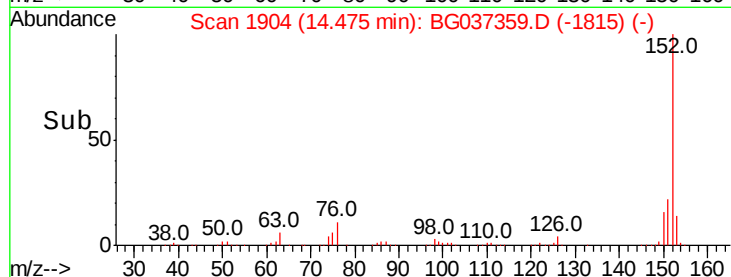
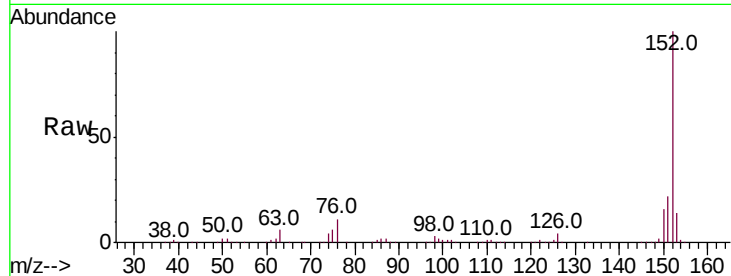
#49
Acenaphthylene
Concen: 43.588 ng
RT: 14.48 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	21.6	17.1	25.7
153	14.2	11.1	16.7

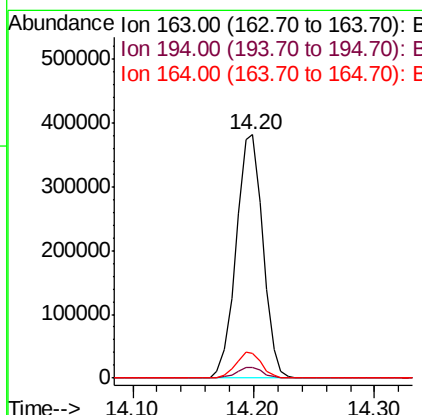
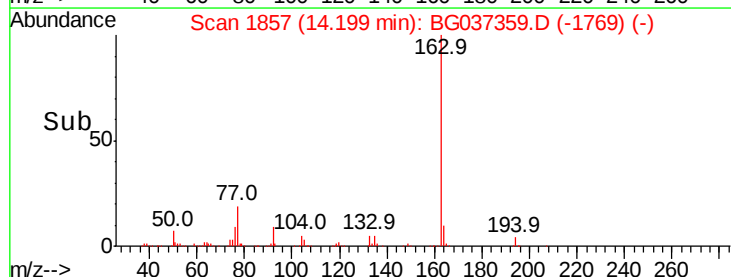
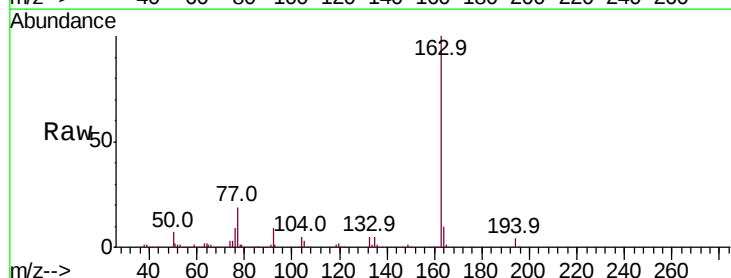
Manual Integrations
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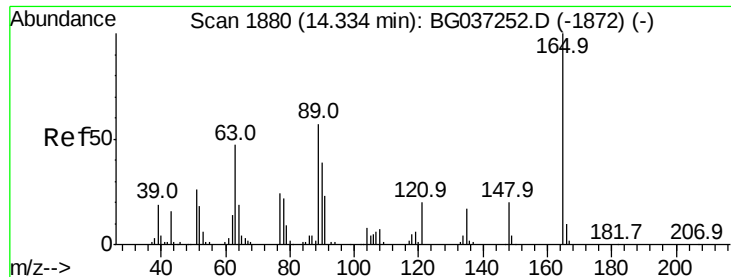
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#50
Dimethylphthalate
Concen: 42.705 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.2	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 47.774 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

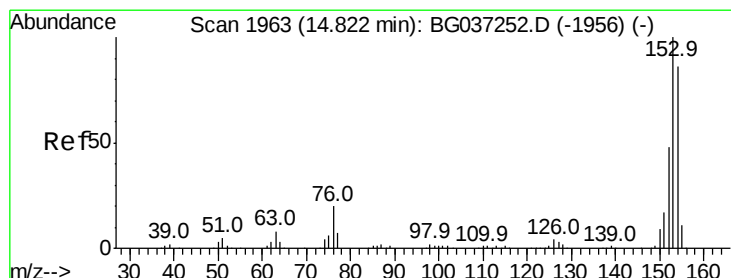
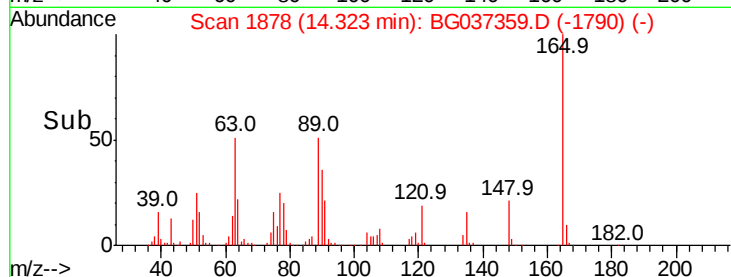
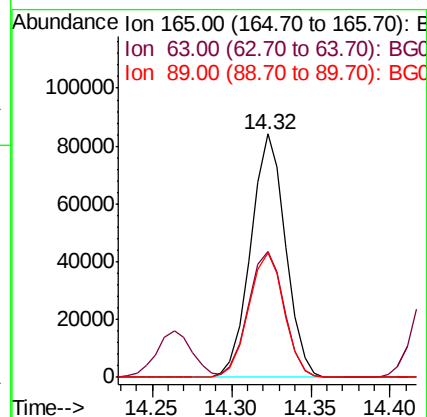
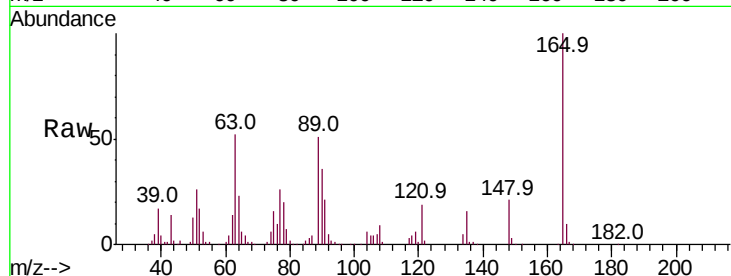
PB113868BS

Tot Ion:165 Resp: 128028
Ion Ratio Lower Upper

165	100		
63	51.9	43.4	65.2
89	51.3	45.8	68.6

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#52

Acenaphthene

Concen: 40.904 ng

RT: 14.81 min Scan# 1961

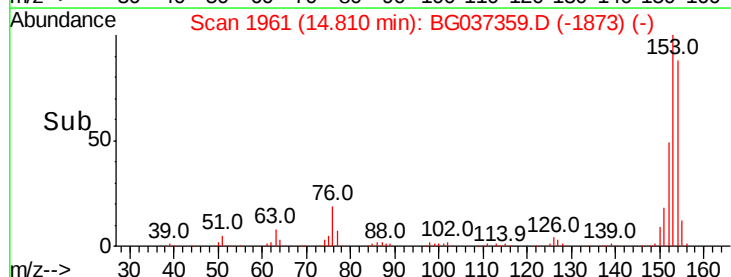
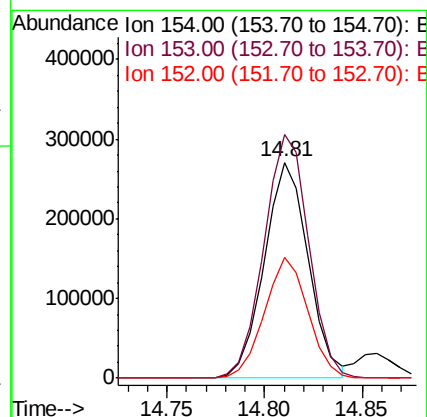
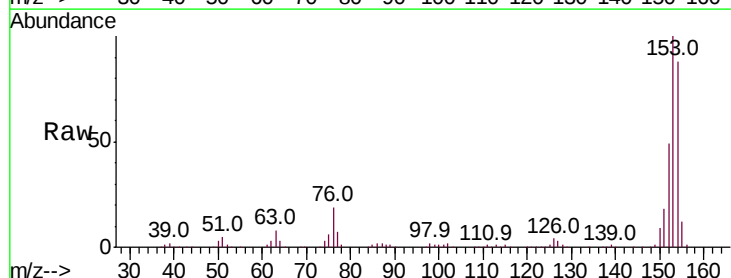
Delta R.T. -0.01 min

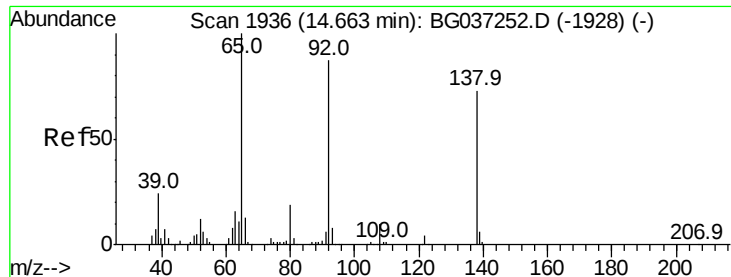
Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:154 Resp: 421834
Ion Ratio Lower Upper

154	100		
153	113.0	93.4	140.0
152	55.8	44.7	67.1





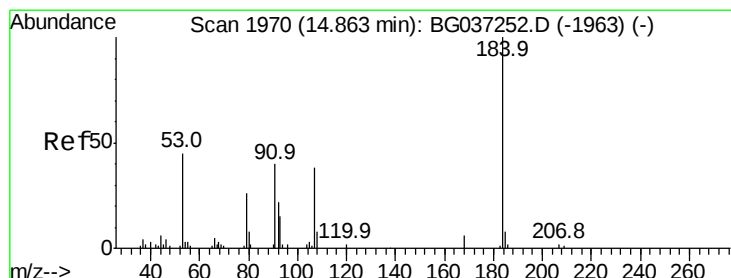
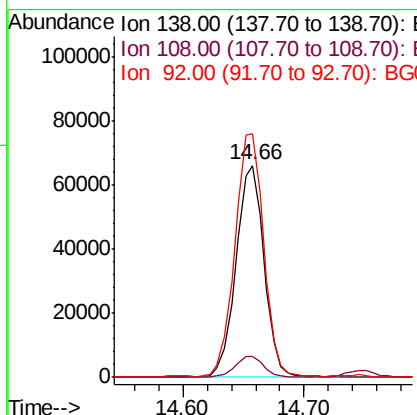
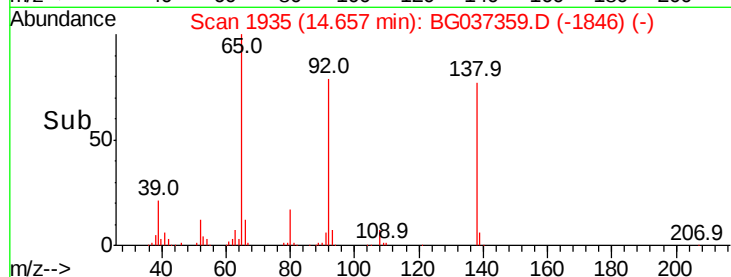
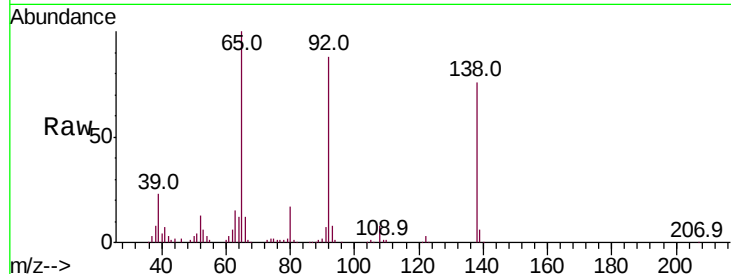
#53
3-Nitroaniline
Concen: 37.124 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	11.0	16.6#
92	115.1	95.2	142.8

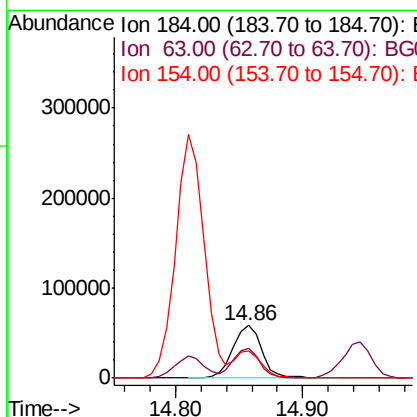
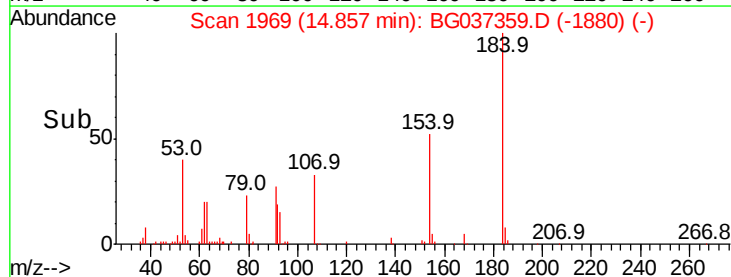
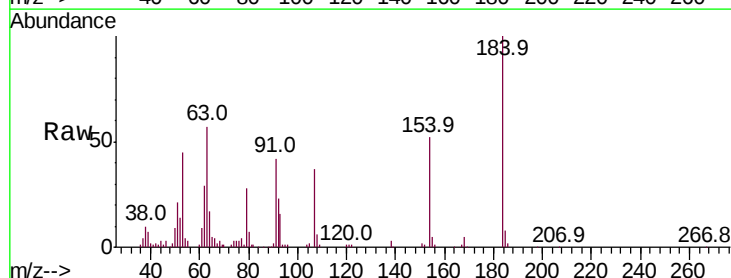
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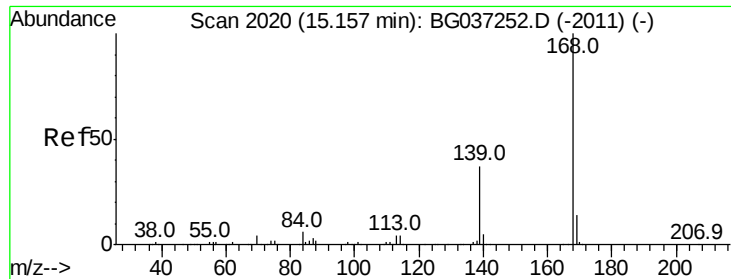
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#54
2,4-Dinitrophenol
Concen: 133.713 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.7	42.6	63.8
154	52.1	41.8	62.6





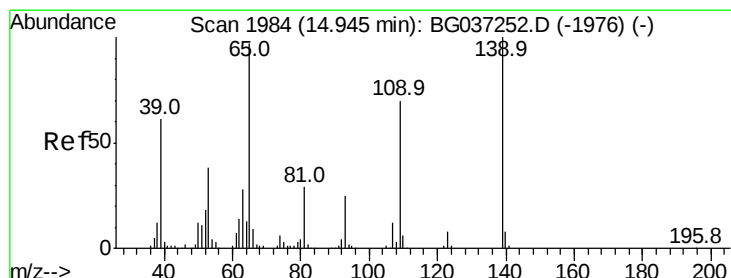
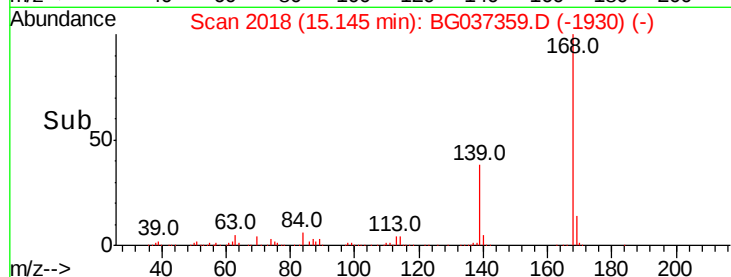
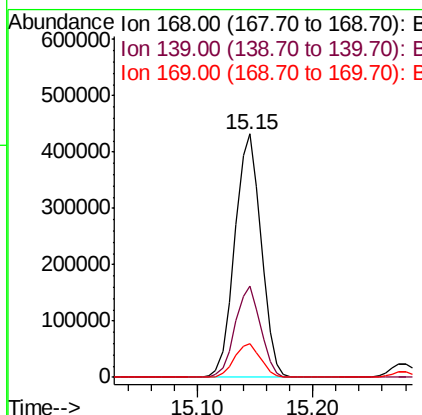
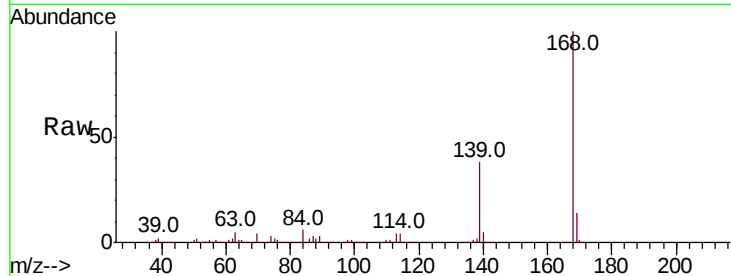
#55
Dibenzofuran
Concen: 40.668 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleID :
PB113868BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.4	44.0
169	14.0	11.0	16.6

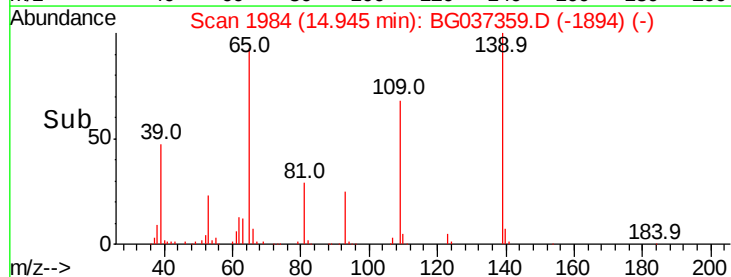
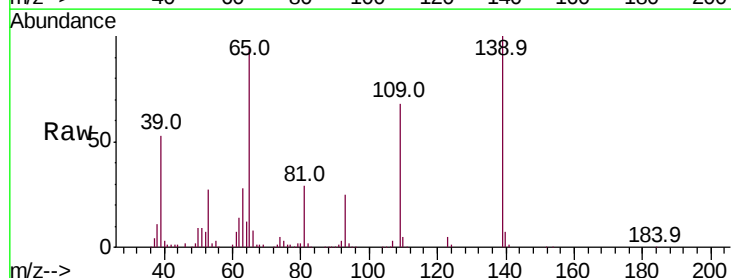
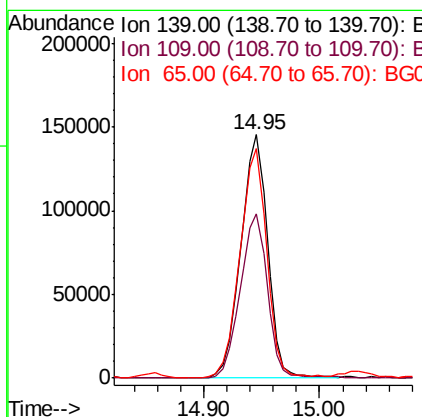
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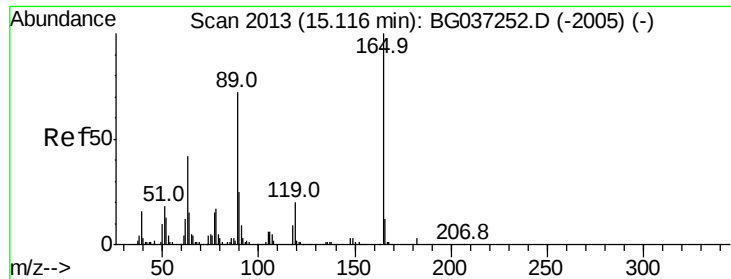
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#56
4-Nitrophenol
Concen: 104.065 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.7	49.5	89.5
65	94.0	76.8	116.8





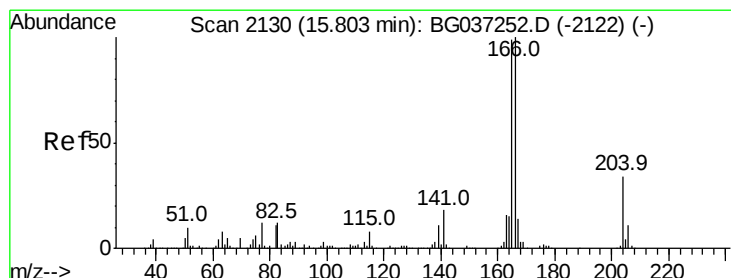
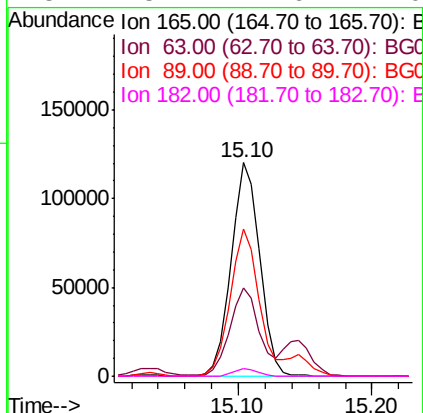
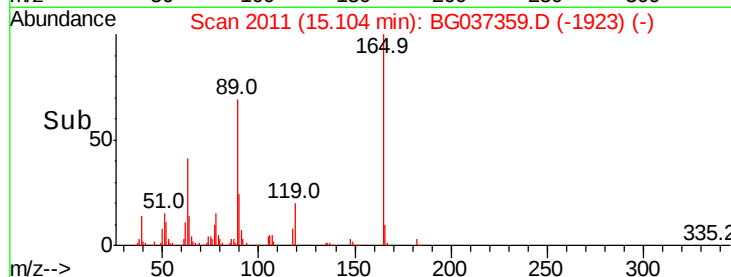
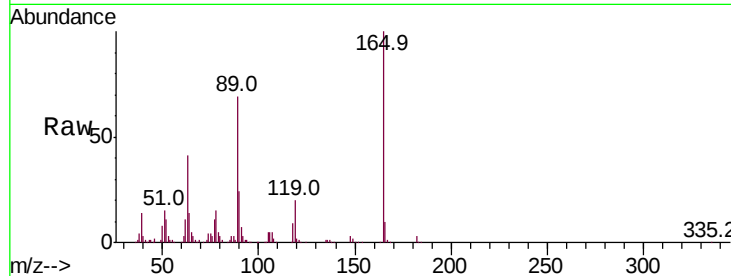
#57
2,4-Dinitrotoluene
Concen: 52.255 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	41.4	33.4	50.0
89	68.9	57.2	85.8
182	3.4	2.6	4.0

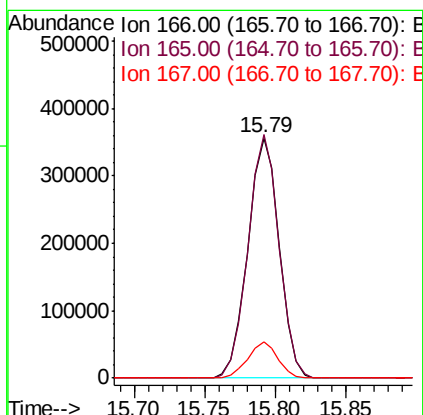
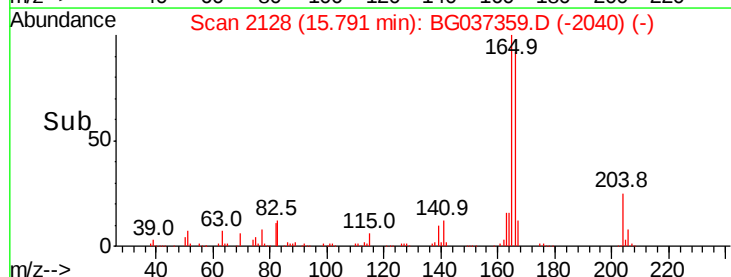
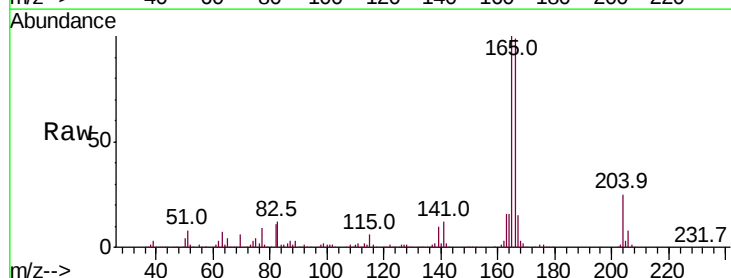
Manual Integrations
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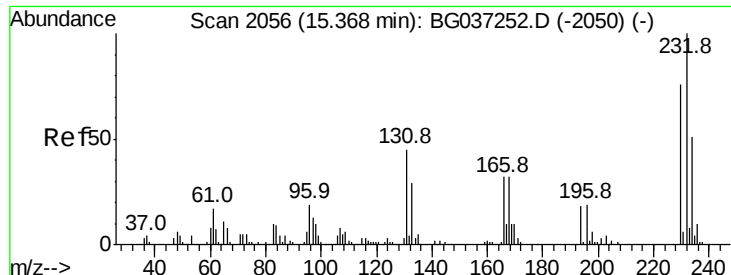
Sohil
10/17/2018 2:59:32 PM



#58
Fluorene
Concen: 43.901 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	101.5	79.0	118.6
167	15.2	11.3	16.9





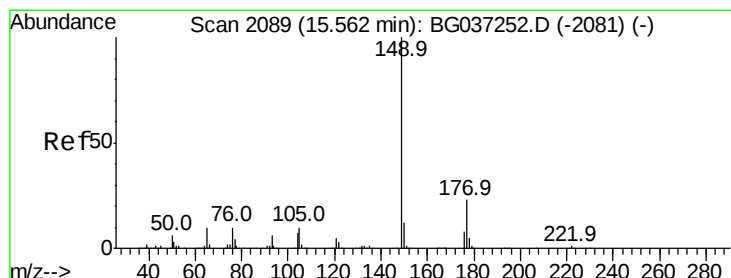
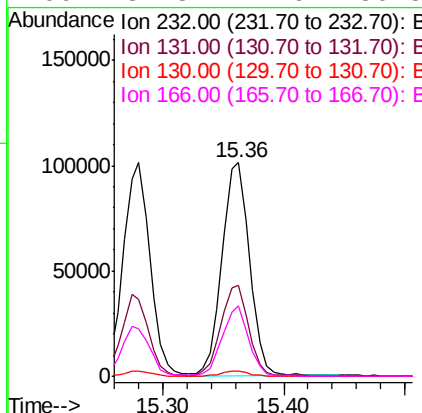
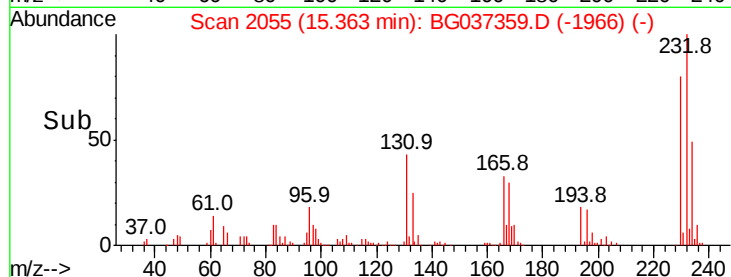
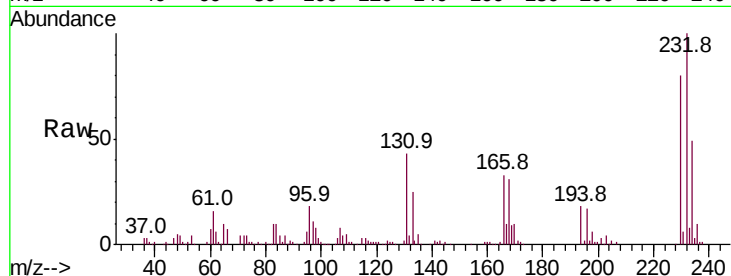
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.022 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB113868BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	160381		
131	42.7		33.7	50.5
130	2.3		2.1	3.1
166	31.8		24.6	36.8

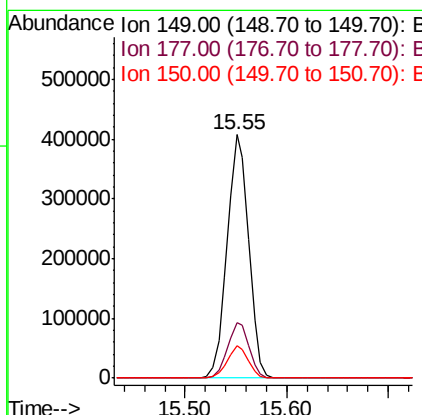
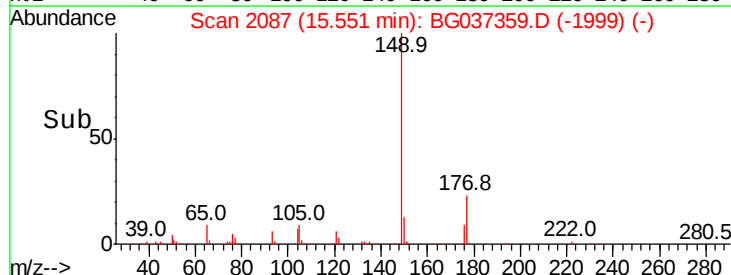
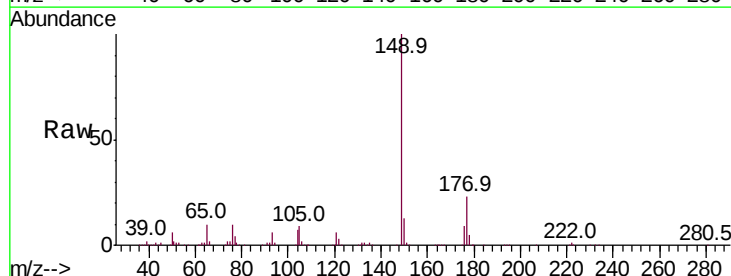
Manual Integrations
 APPROVED

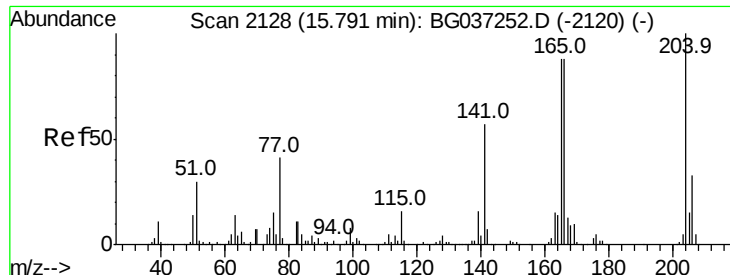
Sohil
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#60
 Diethylphthalate
 Concen: 41.835 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	598465		
177	22.7		18.3	27.5
150	13.1		10.0	15.0





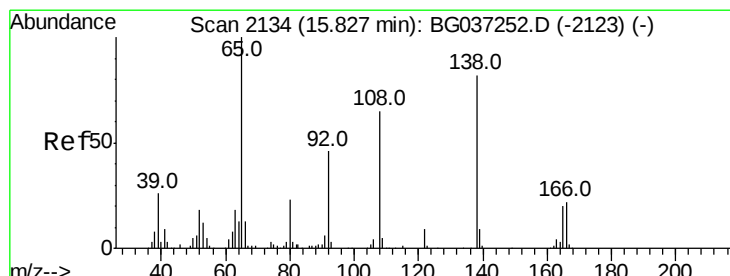
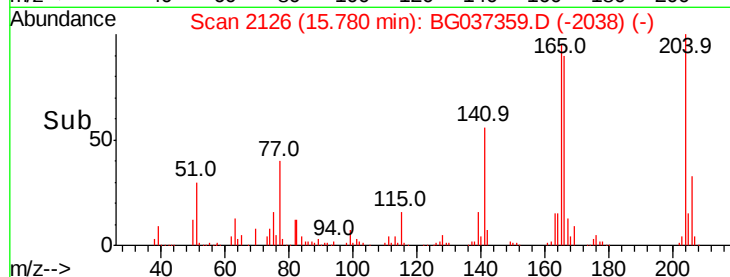
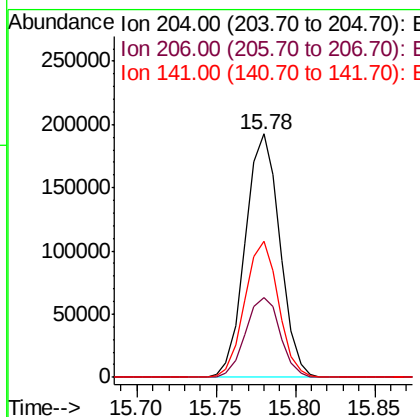
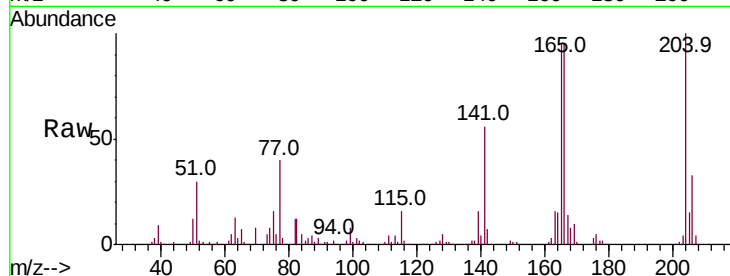
#61
4-Chlorophenyl-phenylether
Concen: 39.314 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.9	26.6	39.8
141	56.1	45.4	68.2

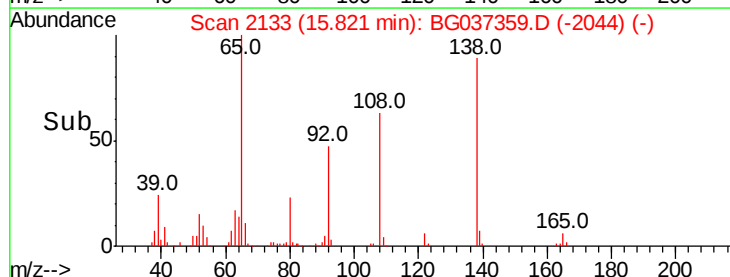
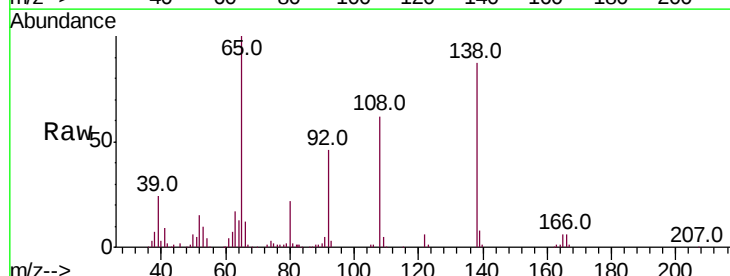
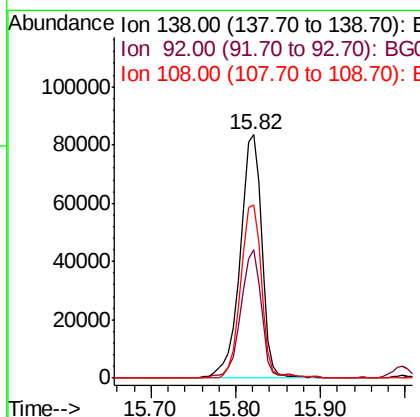
Manual Integrations
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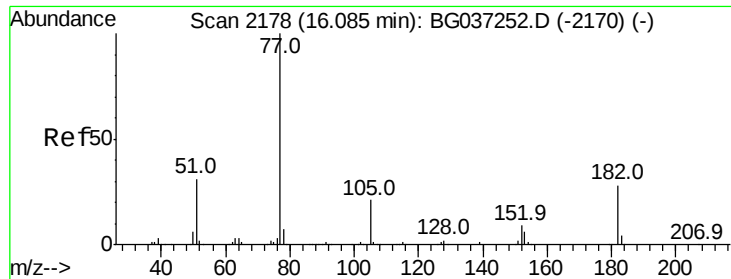
Sohil
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#62
4-Nitroaniline
Concen: 48.813 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	52.8	36.4	76.4
108	70.9	60.1	100.1





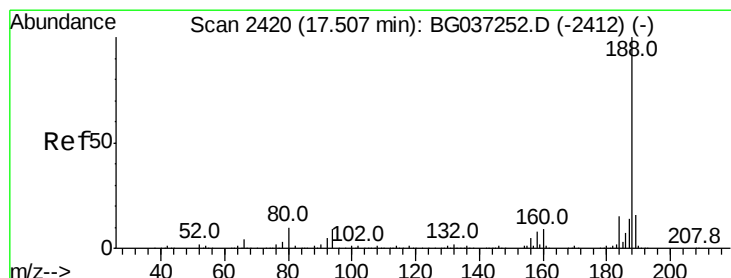
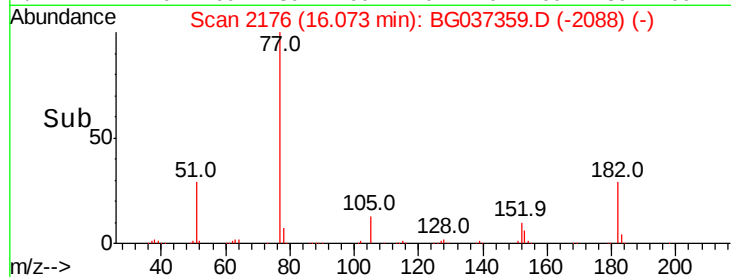
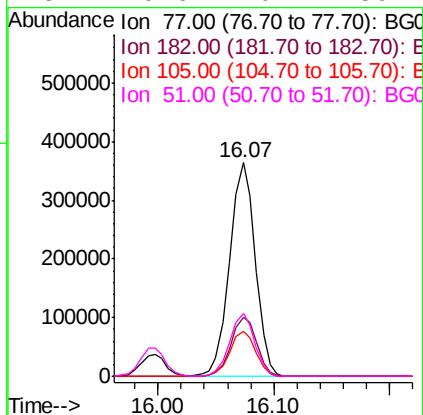
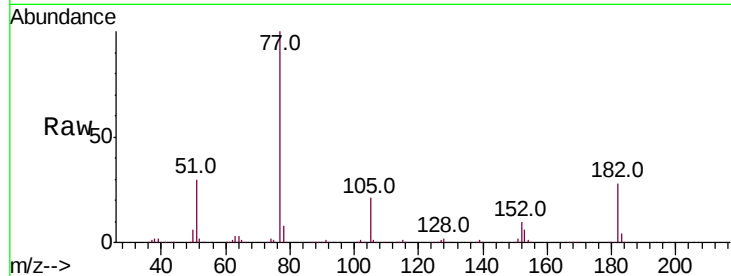
#63
Azobenzene
Concen: 40.781 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		559341		
182	27.8	8.0	48.0		
105	21.3	1.3	41.3		
51	29.6	10.7	50.7		

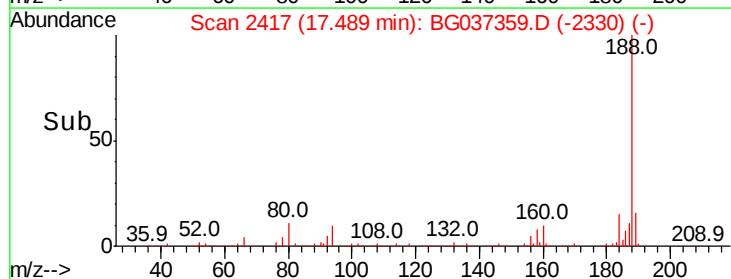
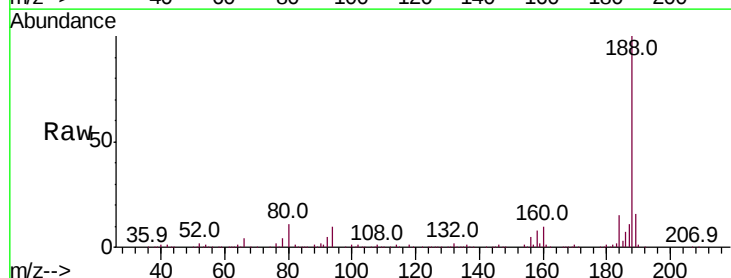
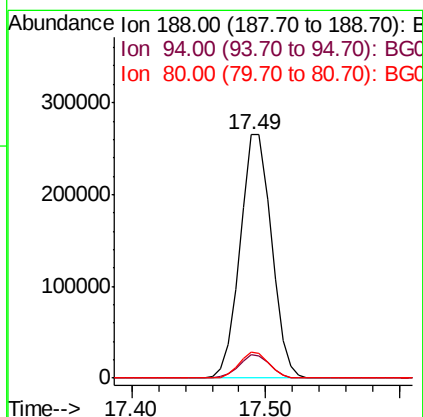
Manual Integrations
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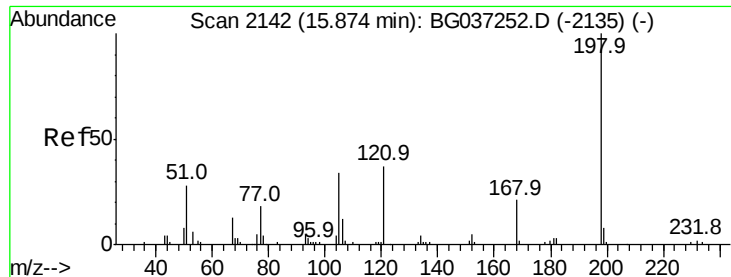
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		430901		
94	9.8	7.2	10.8		
80	10.7	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 57.063 ng

RT: 15.86 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

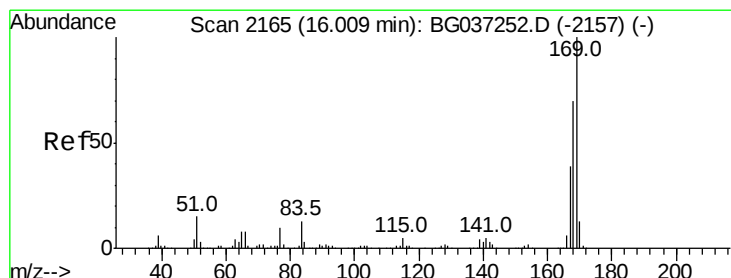
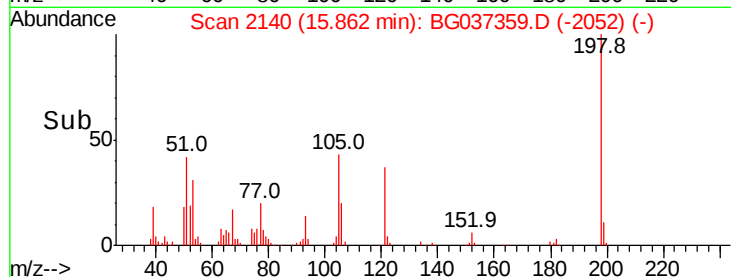
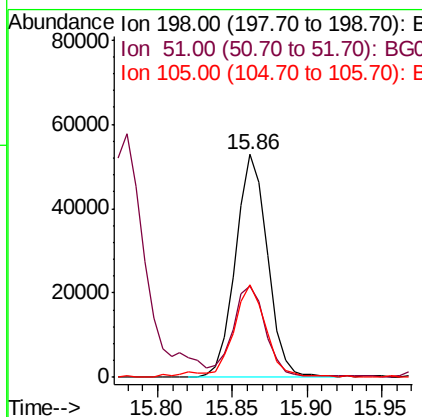
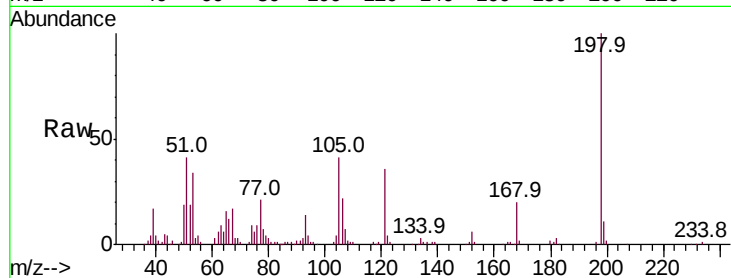
ClientSampleId :

PB113868BS

Tot Ion:	198	Resp:	78692
Ion Ratio	Lower	Upper	
198	100		
51	41.3	22.7	62.7
105	41.3	19.7	59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 41.097 ng

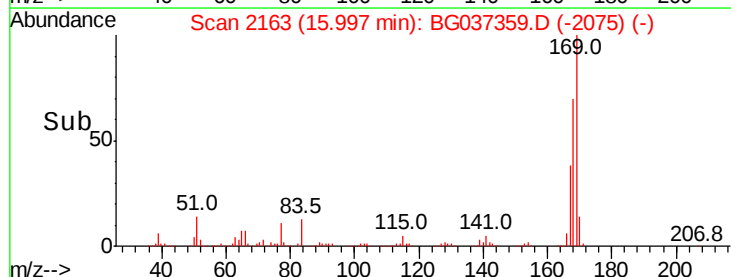
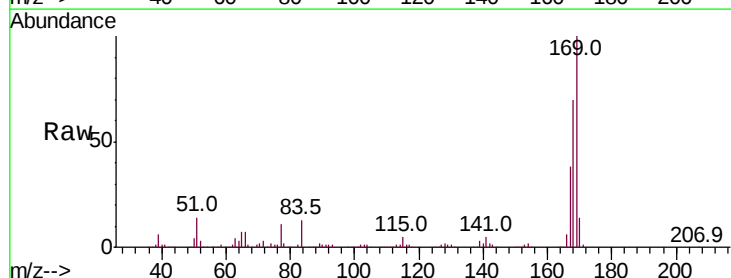
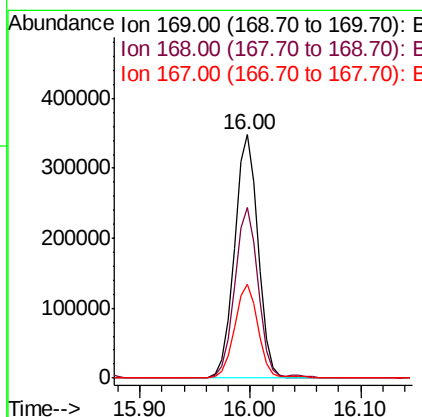
RT: 16.00 min Scan# 2163

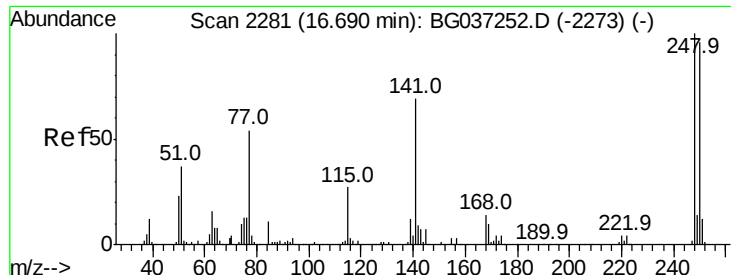
Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:	169	Resp:	520056
Ion Ratio	Lower	Upper	
169	100		
168	70.0	55.7	83.5
167	38.5	31.3	46.9





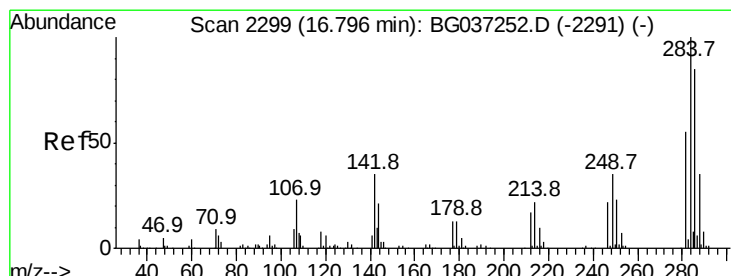
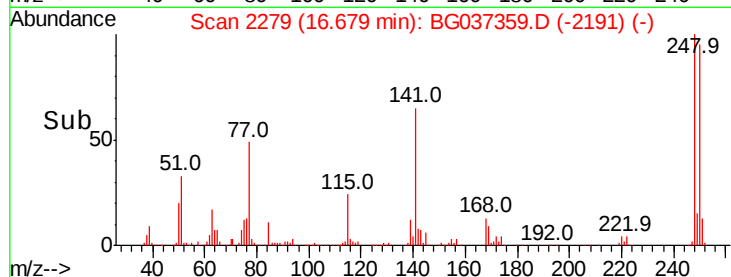
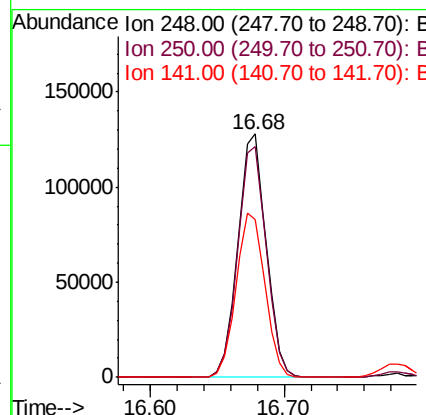
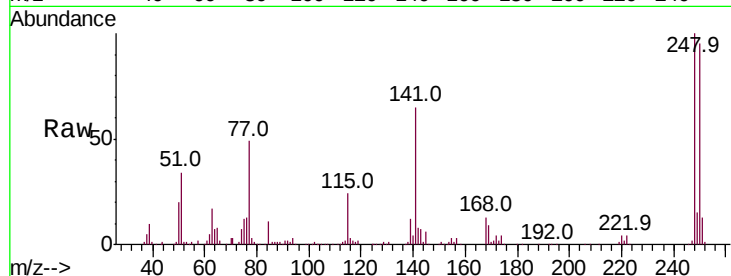
#67
 4-Bromophenyl-phenylether
 Concen: 40.453 ng
 RT: 16.68 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB113868BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.0	115.6
141	64.8	55.5	83.3

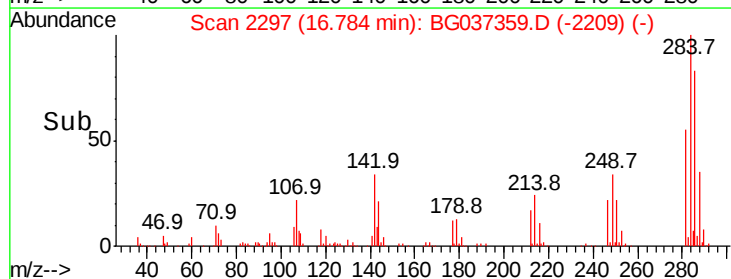
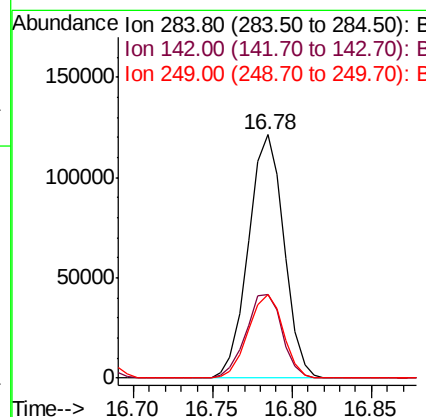
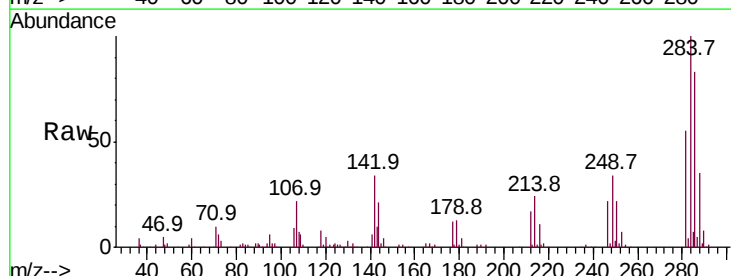
Manual Integrations
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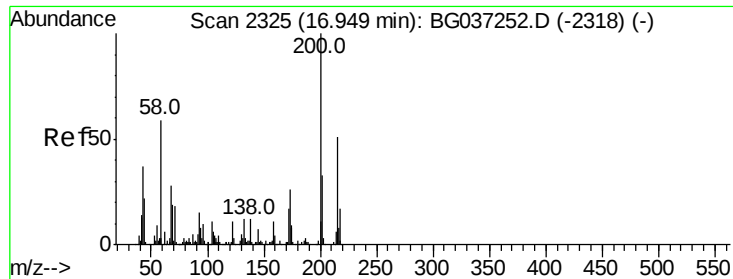
Sohil
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#68
 Hexachlorobenzene
 Concen: 39.198 ng
 RT: 16.78 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	28.1	42.1
249	37.0	29.8	44.8





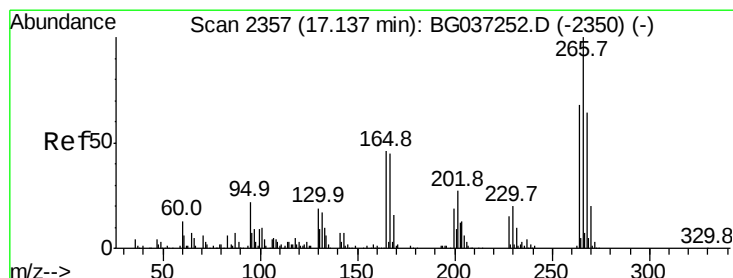
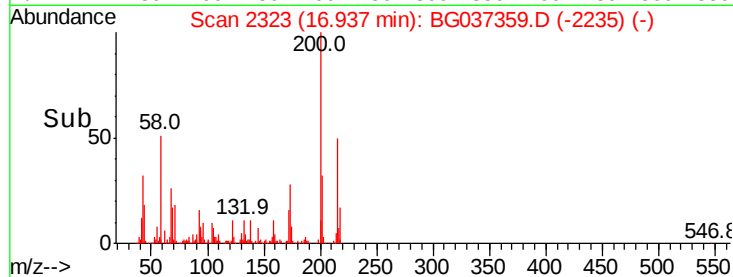
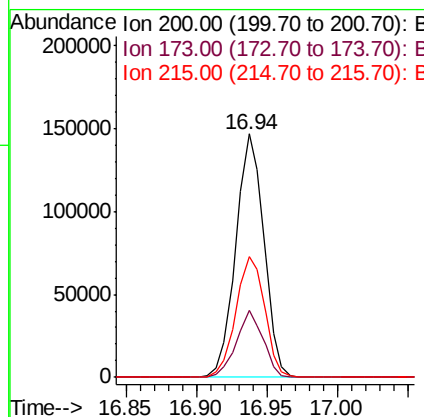
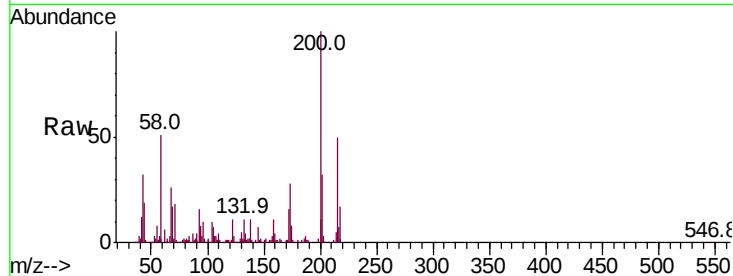
#69
Atrazine
Concen: 43.341 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.1	46.1
215	49.8	30.8	70.8

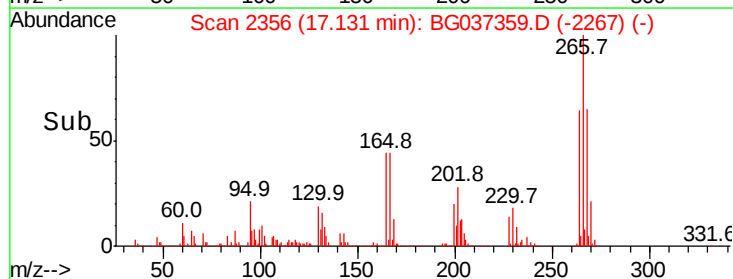
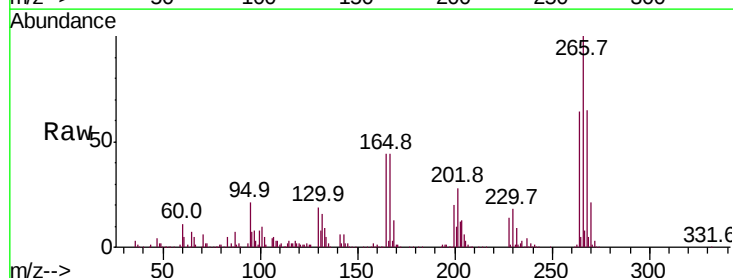
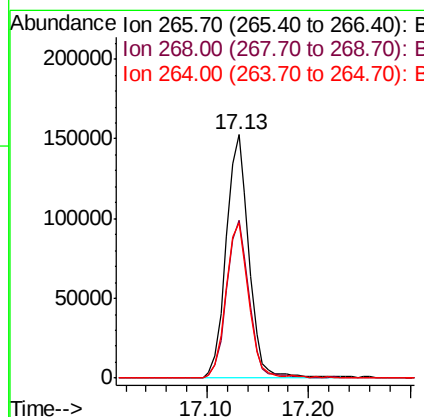
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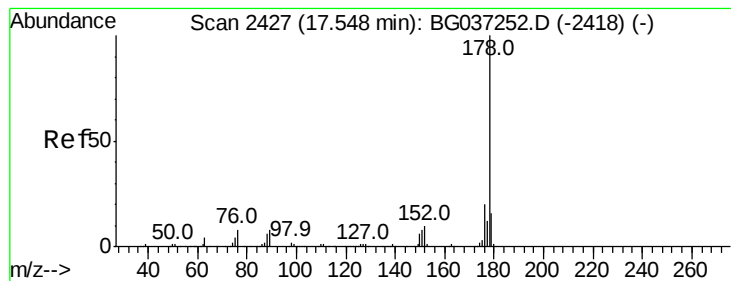
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#70
Pentachlorophenol
Concen: 76.528 ng
RT: 17.13 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.9	55.0	82.6
264	68.6	58.9	88.3





#71

Phenanthrene

Concen: 42.849 ng

RT: 17.54 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

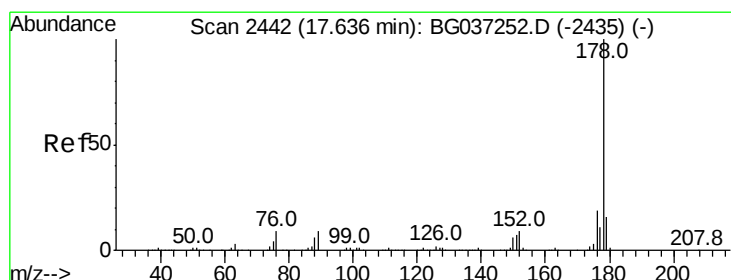
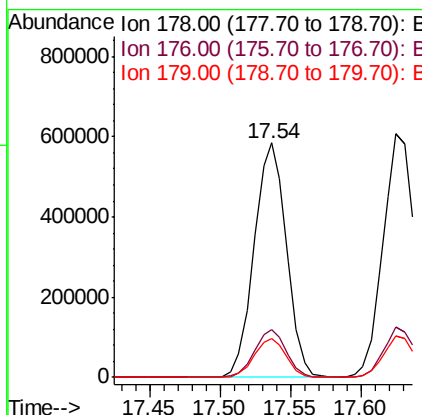
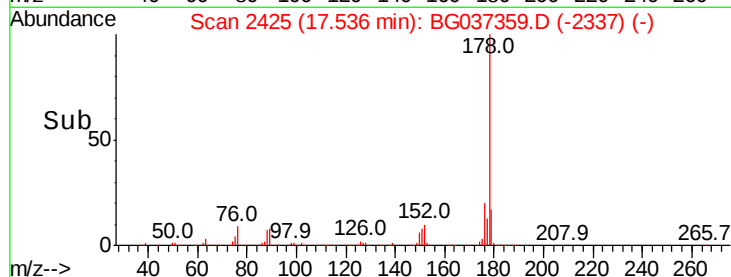
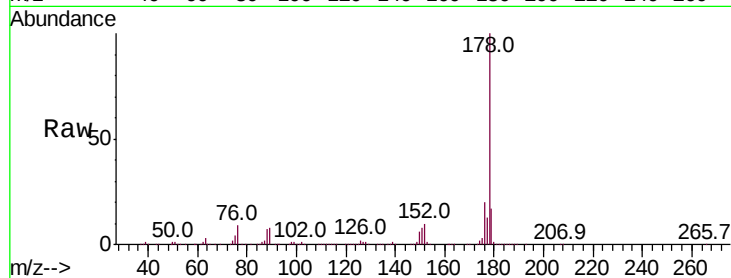
ClientSampleId :

PB113868BS

Tot Ion:178	Resp:	939873
Ion Ratio	Lower	Upper
178	100	
176	20.4	16.1 24.1
179	16.7	13.0 19.4

Manual Integrations
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#72

Anthracene

Concen: 44.472 ng

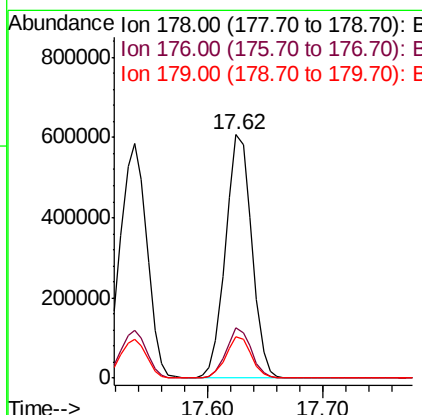
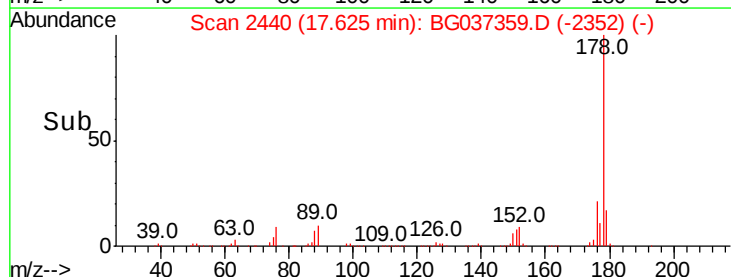
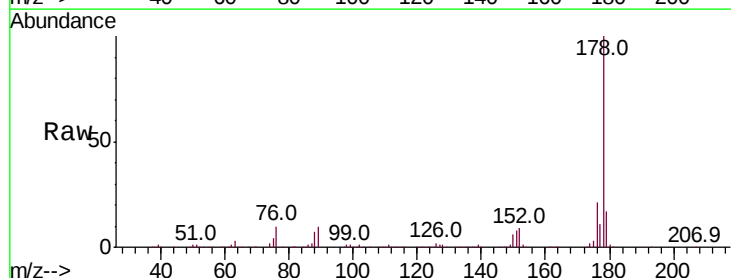
RT: 17.62 min Scan# 2440

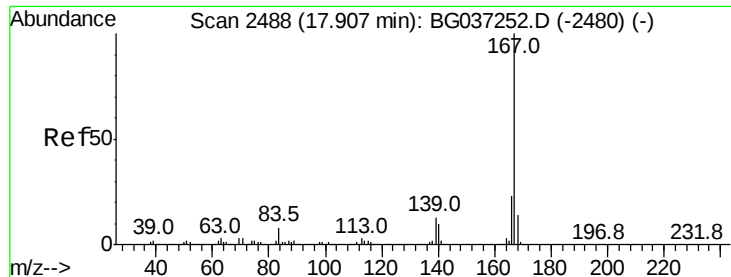
Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:178	Resp:	954782
Ion Ratio	Lower	Upper
178	100	
176	20.5	15.0 22.4
179	16.8	12.8 19.2





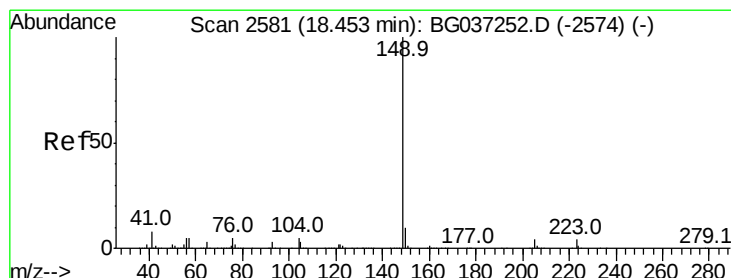
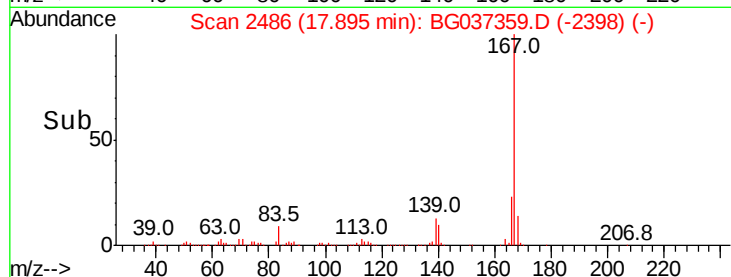
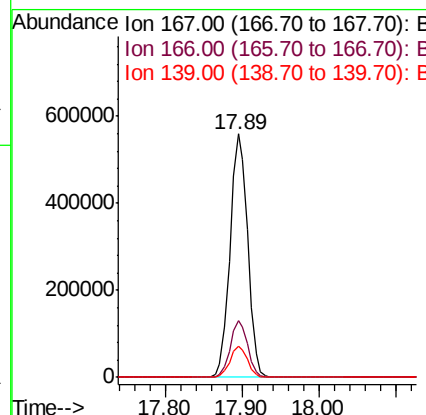
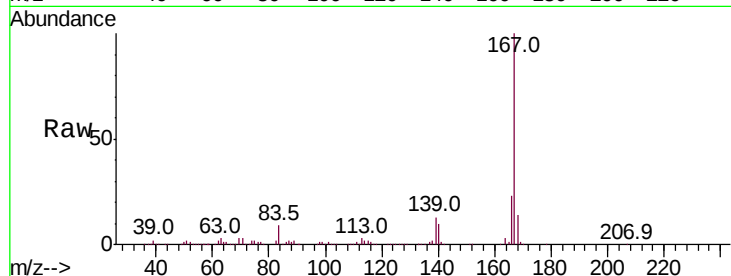
#73
 Carbazole
 Concen: 40.271 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB113868BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	12.7	10.5	15.7

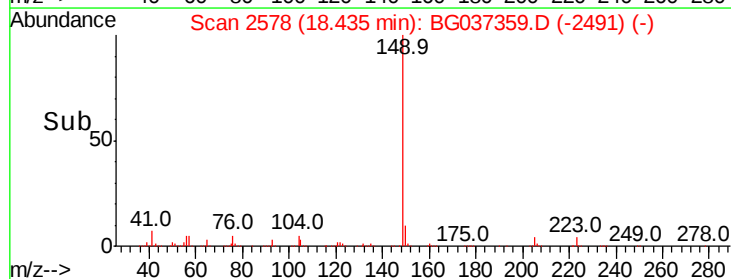
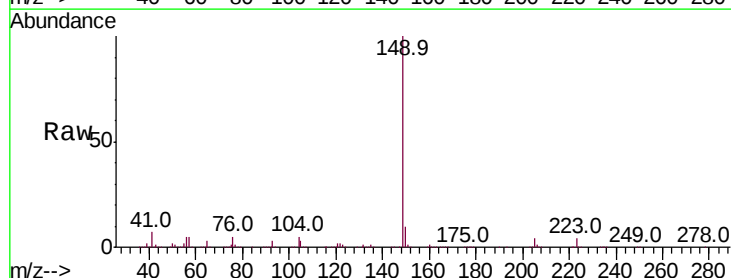
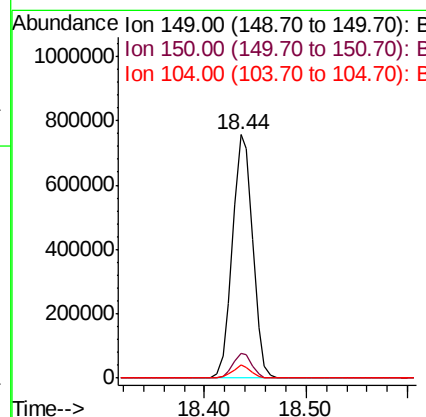
Manual Integrations
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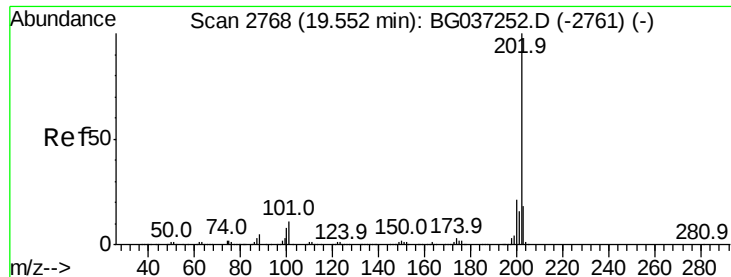
Sohil
 10/17/2018 2:59:32 PM



#74
 Di-n-butylphthalate
 Concen: 44.090 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 43.968 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

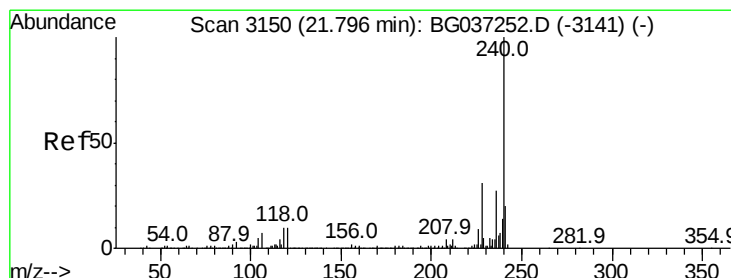
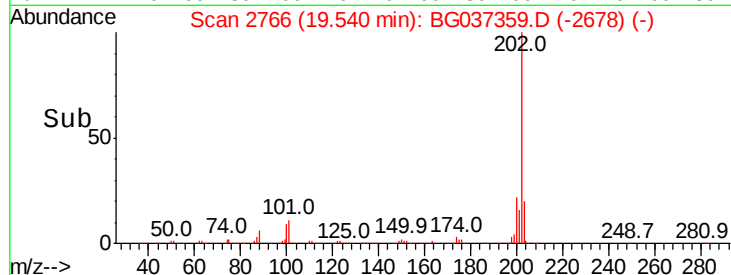
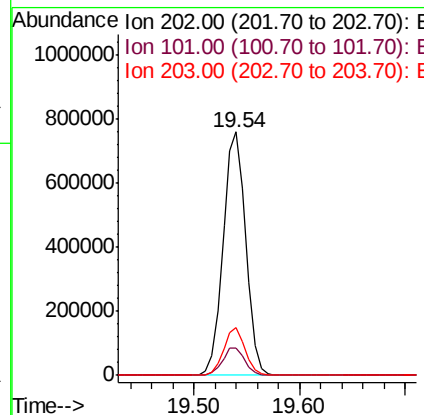
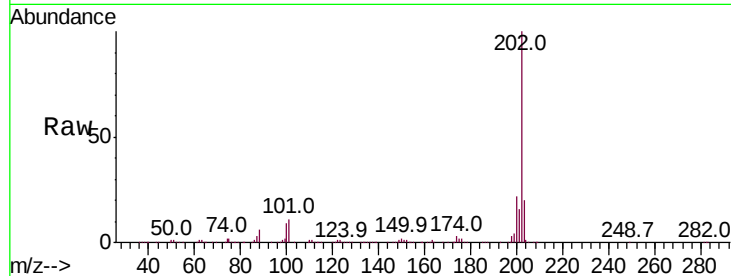
ClientSampleId :

PB113868BS

Tot Ion:	202	Resp:	1127196
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.7
203	19.7	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

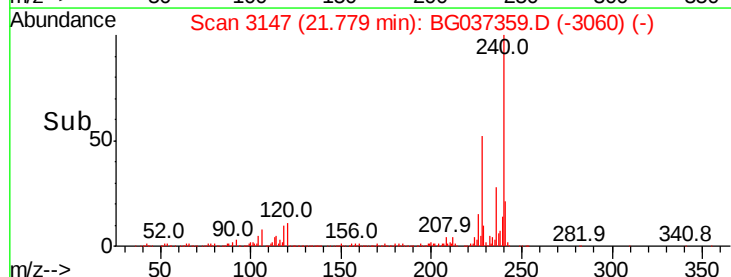
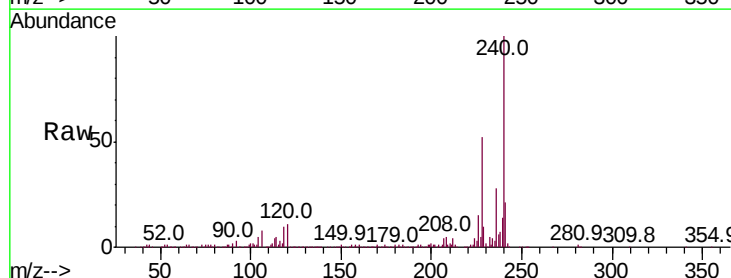
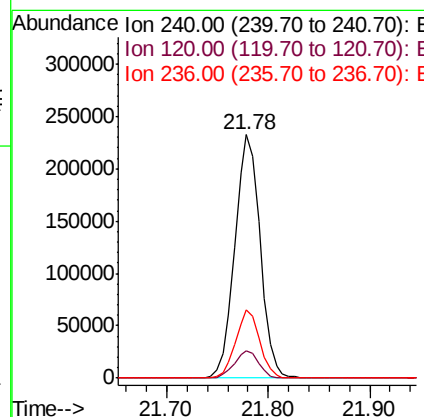
RT: 21.78 min Scan# 3147

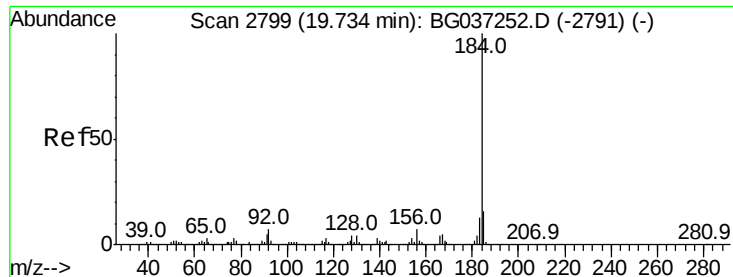
Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:	240	Resp:	402038
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	28.1	21.4	32.0





#77

Benzidine

Concen: 36.259 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

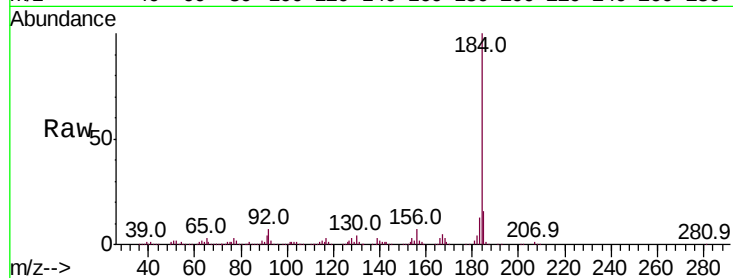
ClientSampleId :

PB113868BS

Tot Ion:	184	Resp:	557670
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.6	18.8
183	12.8	10.2	15.2

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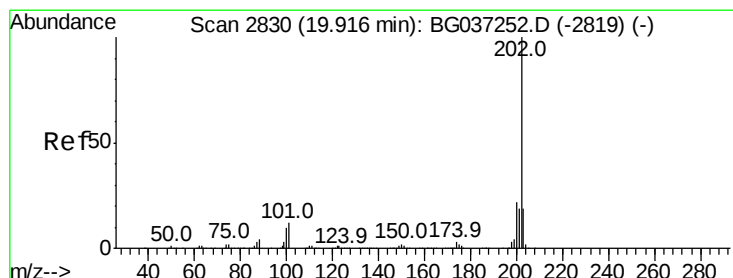
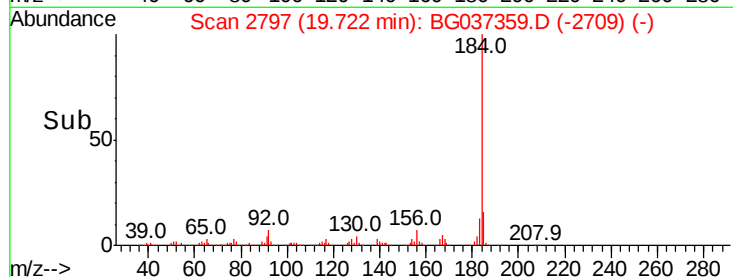
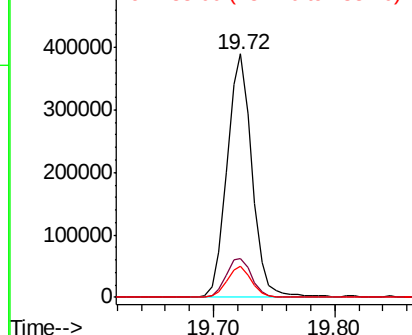


Abundance

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



#78

Pyrene

Concen: 42.474 ng

RT: 19.90 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

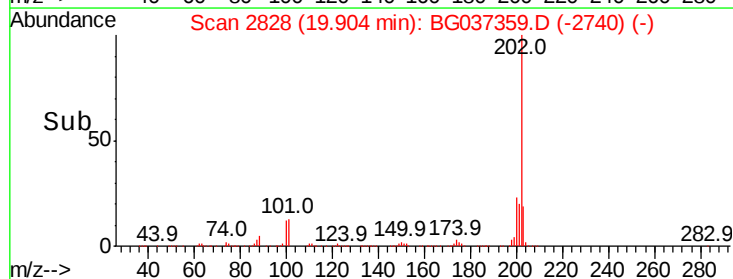
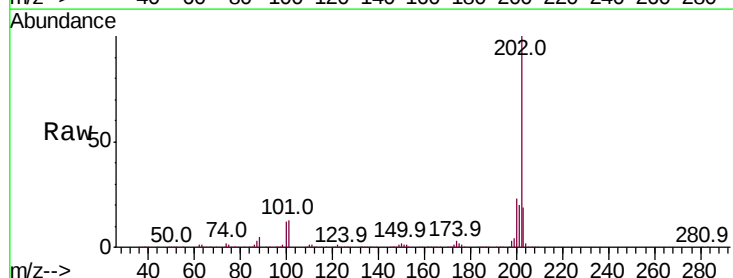
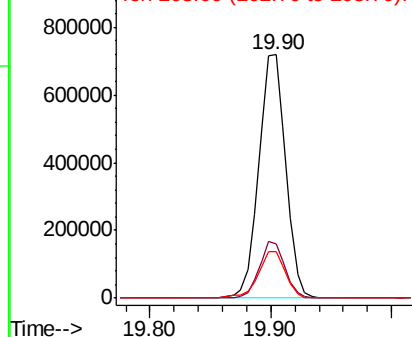
Tgt Ion:	202	Resp:	1112920
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.8	26.6
203	19.2	15.2	22.8

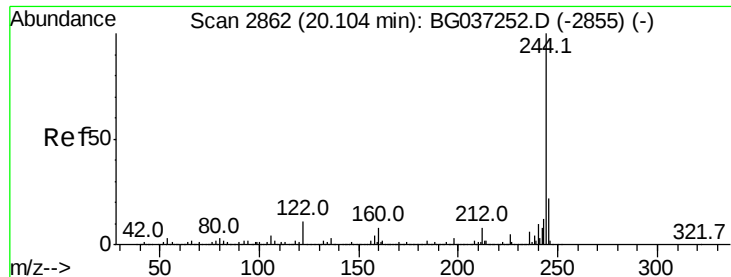
Abundance

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





#79

Terphenyl-d14

Concen: 61.676 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

PB113868BS

Tot Ion:244 Resp: 1180907

Ion Ratio Lower Upper

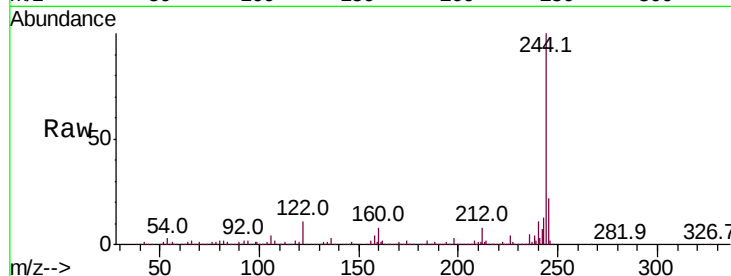
244 100

212 8.1 6.5 9.7

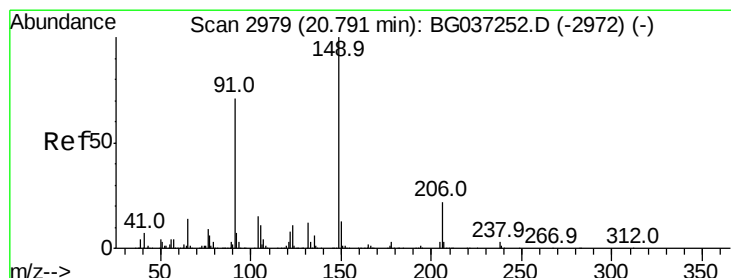
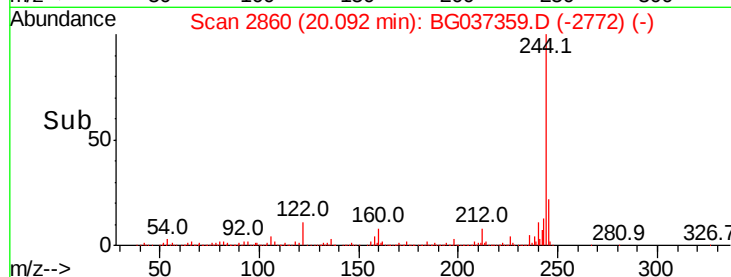
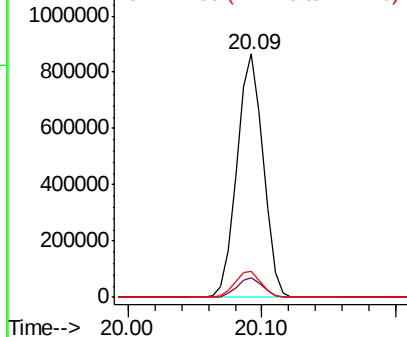
122 10.8 9.0 13.4

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



#80

Butylbenzylphthalate

Concen: 47.230 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

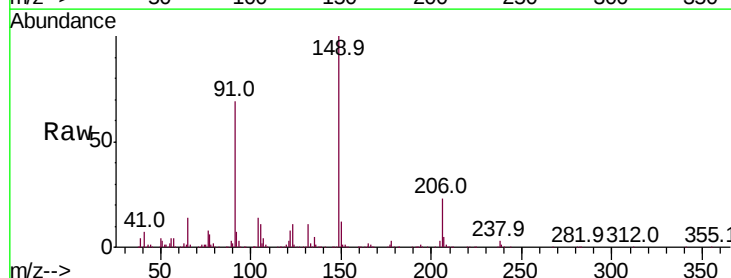
Tgt Ion:149 Resp: 481491

Ion Ratio Lower Upper

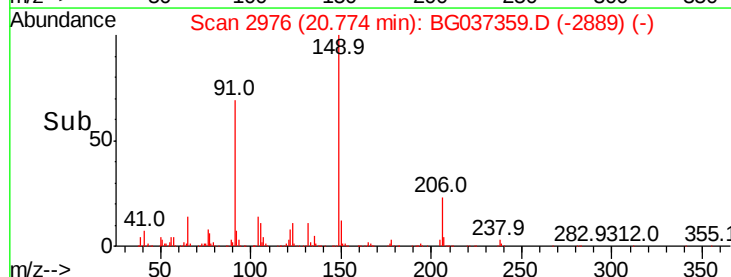
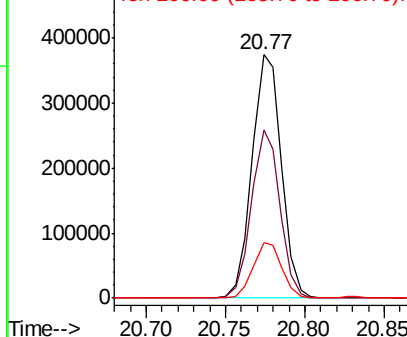
149 100

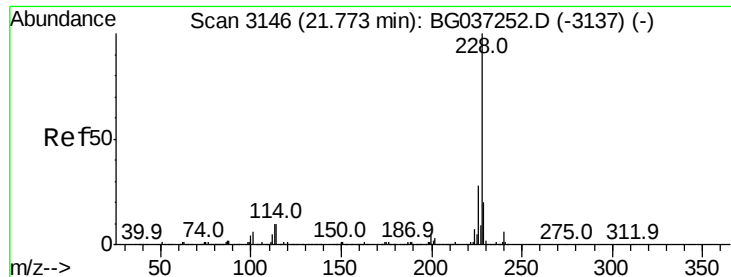
91 69.0 57.0 85.4

206 22.8 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.419 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

ClientSampleId :

PB113868BS

Tot Ion:228 Resp: 1045462

Ion Ratio Lower Upper

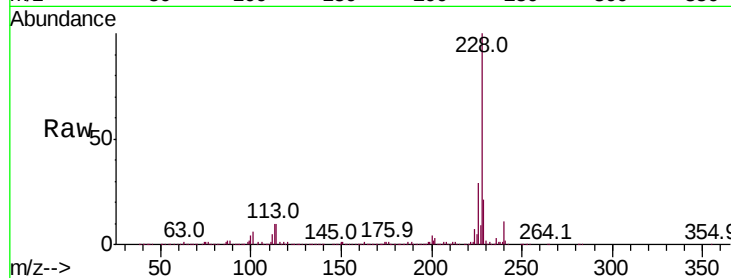
228 100

226 29.4 22.6 33.8

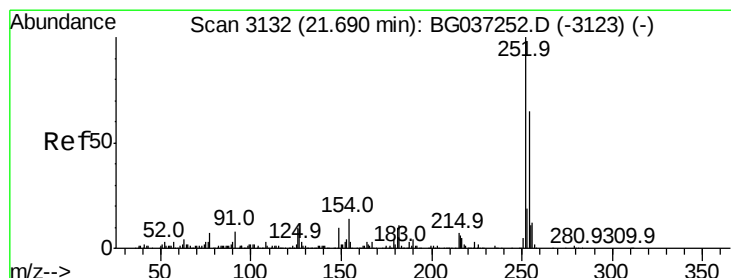
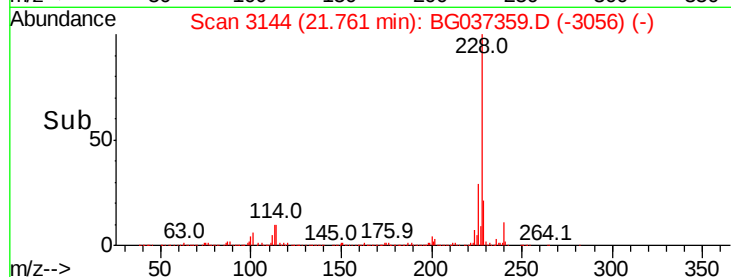
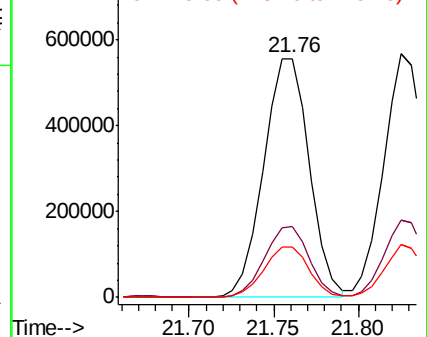
229 20.9 16.3 24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.704 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

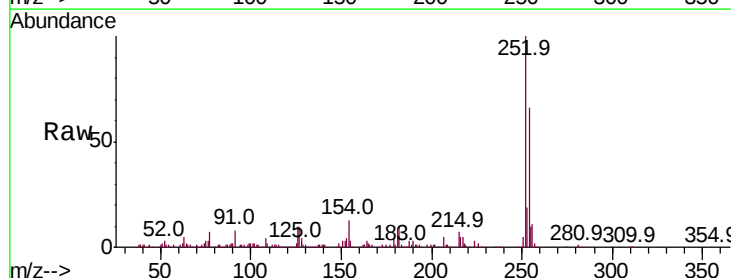
Tgt Ion:252 Resp: 275895

Ion Ratio Lower Upper

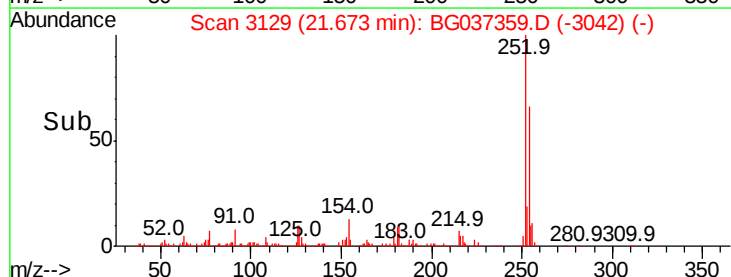
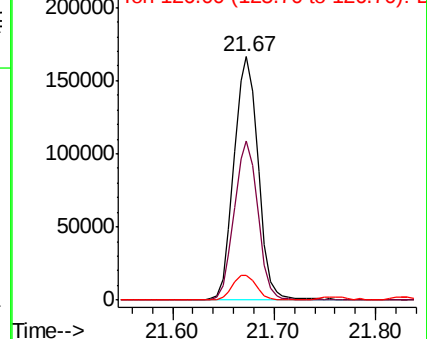
252 100

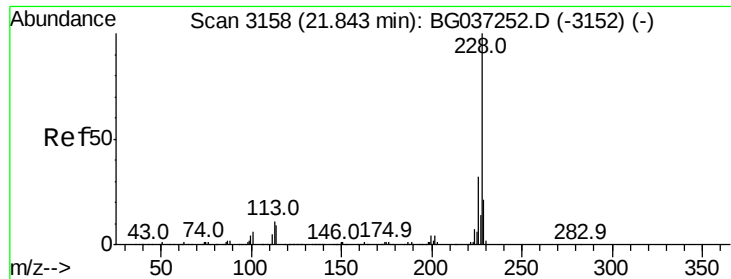
254 65.6 52.0 78.0

126 10.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





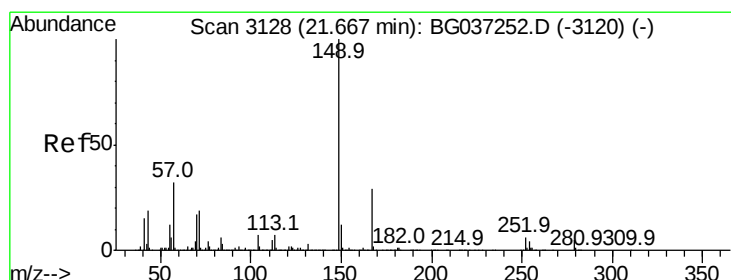
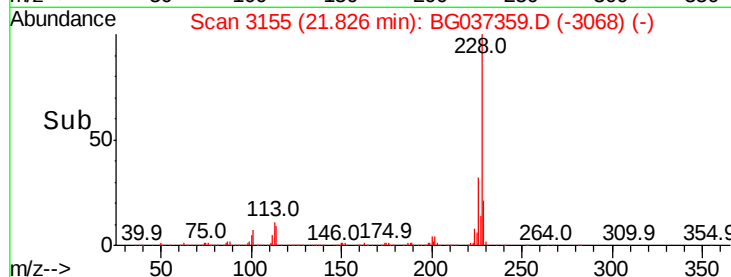
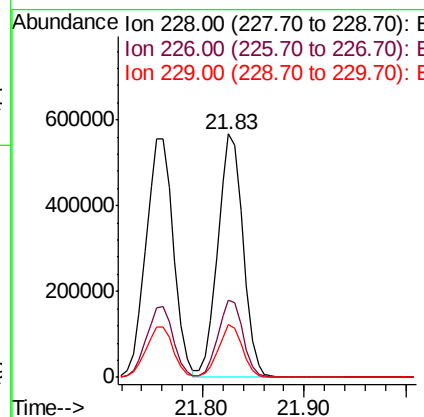
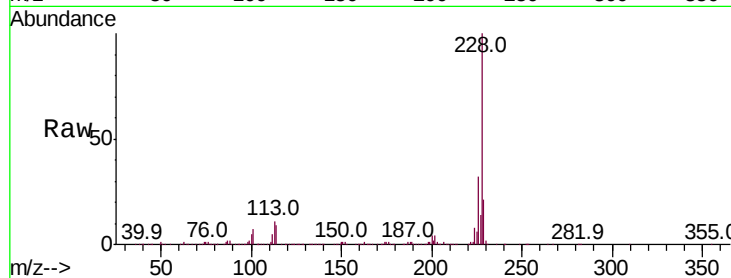
#83
 Chrysene
 Concen: 42.508 ng
 RT: 21.83 min Scan# 3155
 Delta R.T. -0.02 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB113868BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	21.5	16.5	24.7

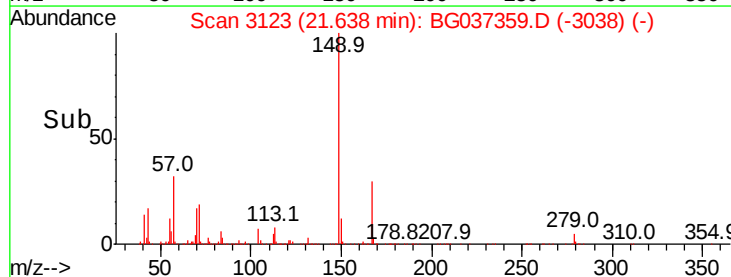
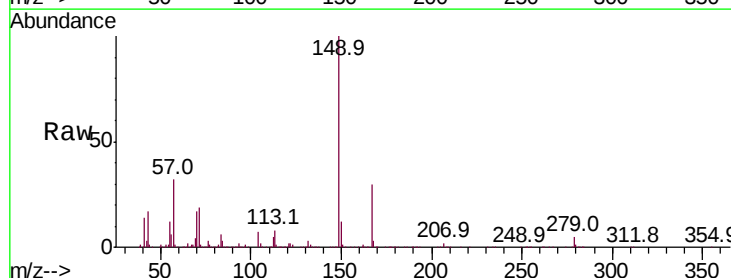
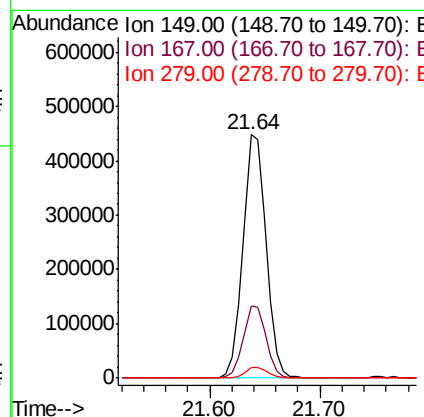
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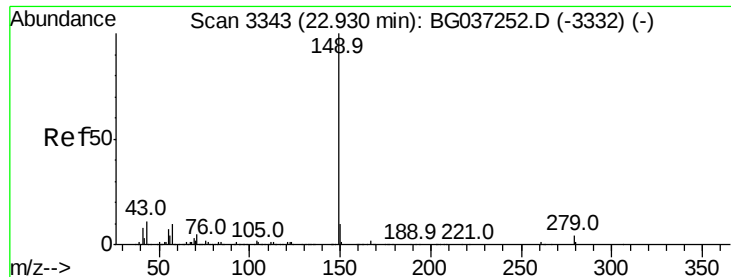
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.146 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.03 min
 Lab File: BG037359.D
 Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.0	34.4
279	4.5	3.6	5.4





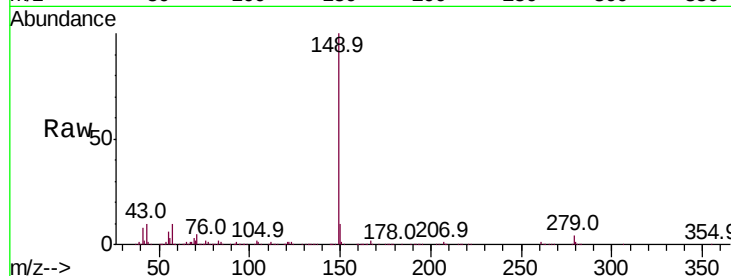
#85
Di-n-octyl phthalate
Concen: 46.681 ng
RT: 22.89 min Scan# 3337
Delta R.T. -0.04 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.9	8.7	13.1

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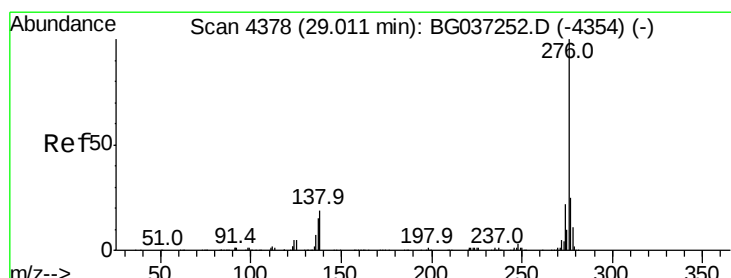
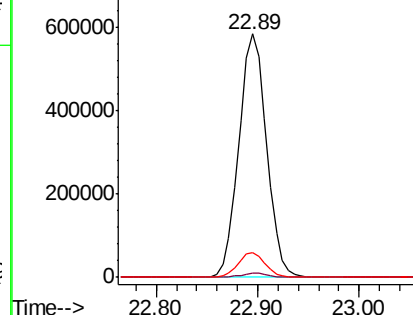
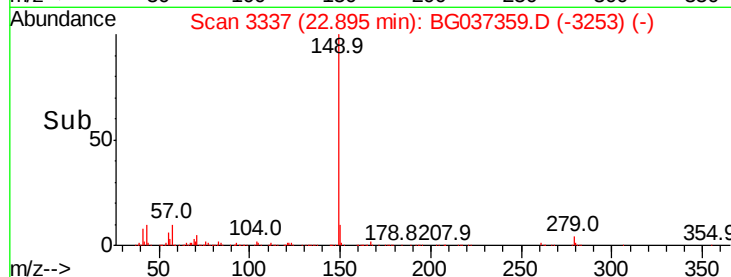


Abundance

Ion 149.00 (148.70 to 149.70): E

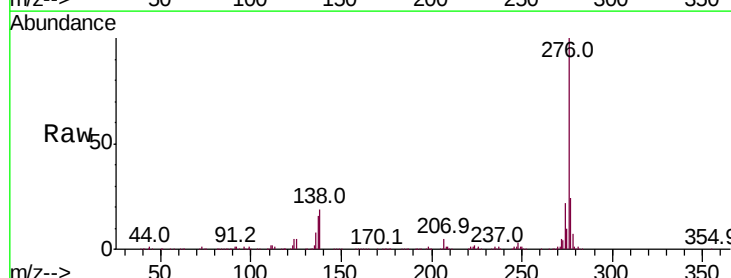
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.829 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.06 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	12.0	18.0#
277	25.4	20.6	30.8

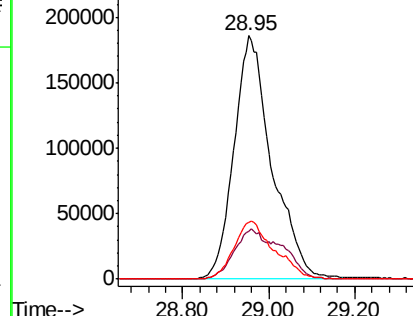
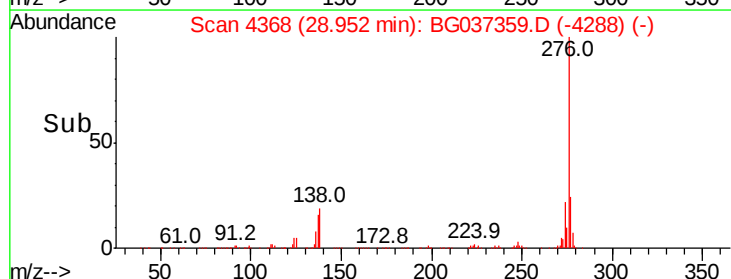


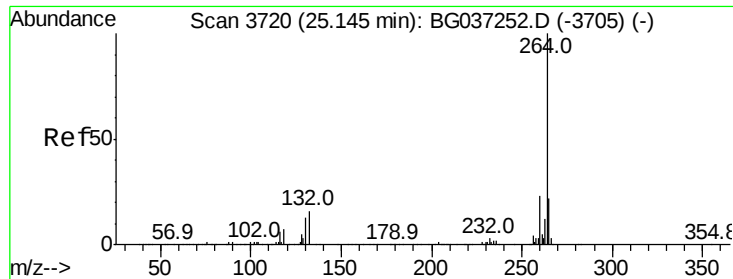
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Instrument :

BNA_G

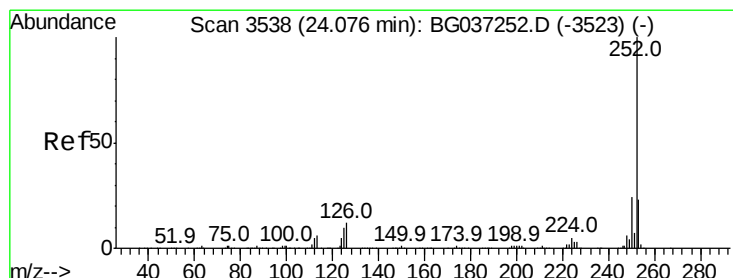
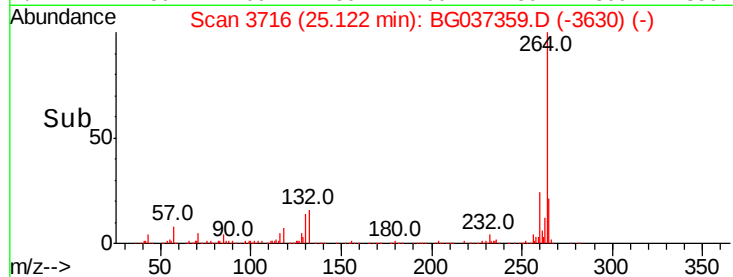
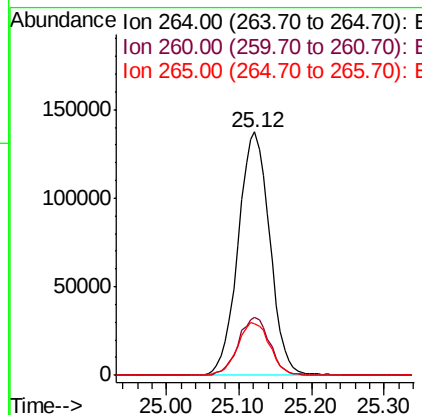
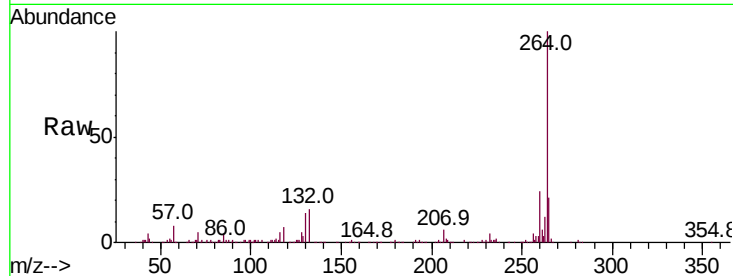
ClientSampleId :

PB113868BS

Tot Ion:	264	Resp:	415533
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.2	27.4
265	21.1	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 46.387 ng

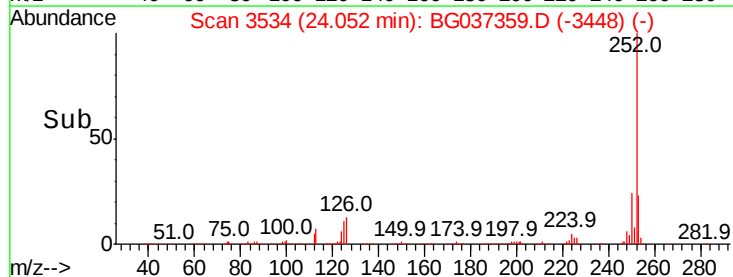
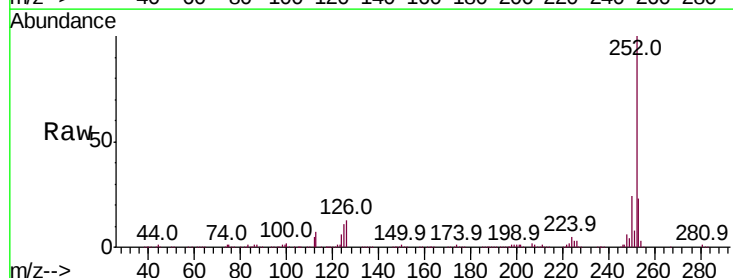
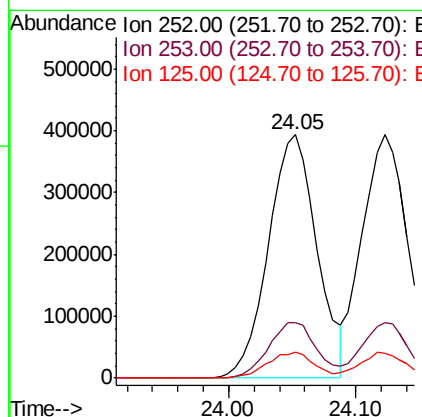
RT: 24.05 min Scan# 3534

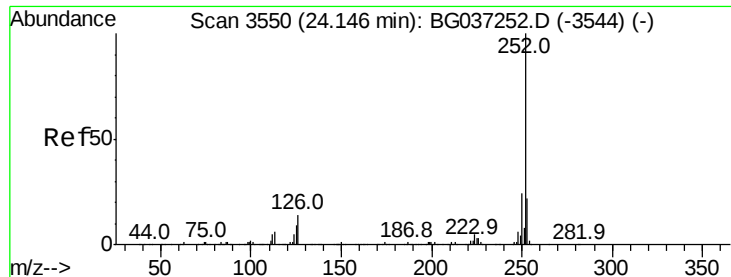
Delta R.T. -0.02 min

Lab File: BG037359.D

Acq: 16 Oct 2018 14:54

Tgt Ion:	252	Resp:	1047956
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	10.6	7.8	11.6





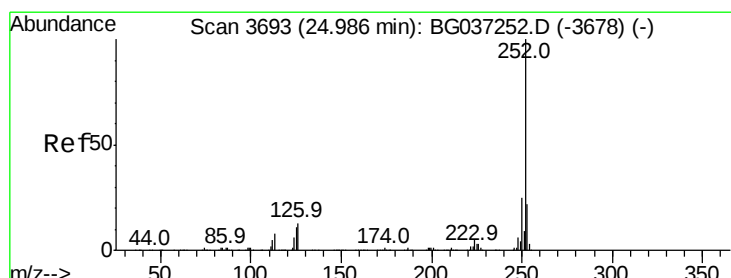
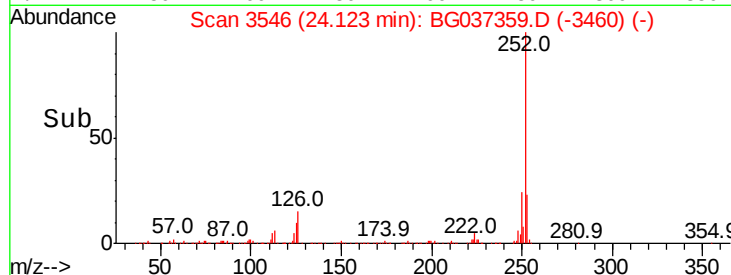
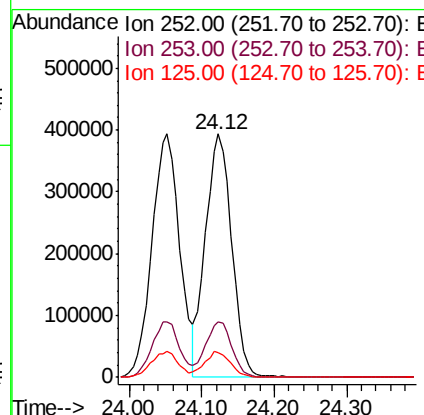
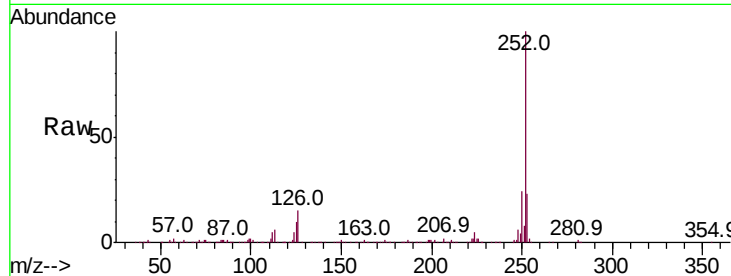
#89
Benzo(k)fluoranthene
Concen: 44.206 ng
RT: 24.12 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.3	7.4	11.0

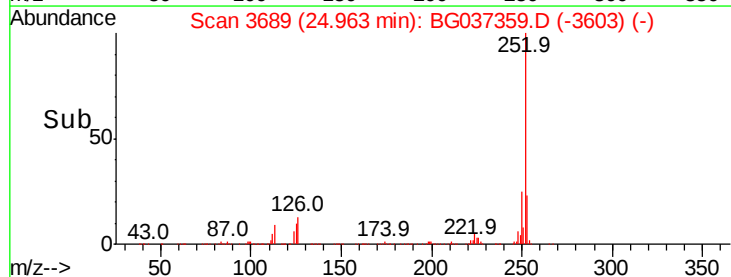
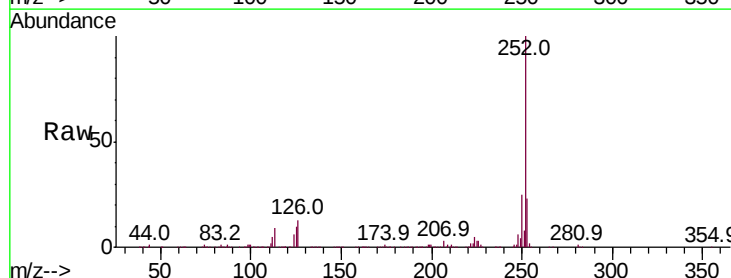
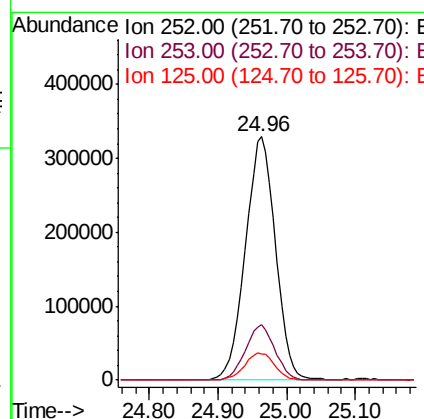
Manual Integrations
APPROVED

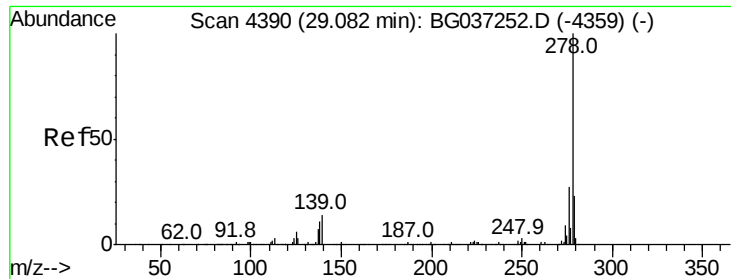
Sohil
10/17/2018 2:59:32 PM



#90
Benzo(a)pyrene
Concen: 46.324 ng
RT: 24.96 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	10.5	9.0	13.6





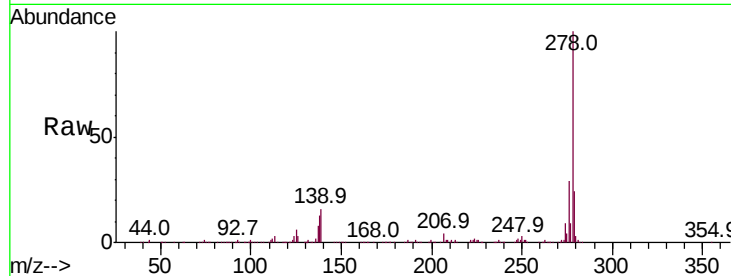
#91
Dibenzo(a,h)anthracene
Concen: 44.357 ng
RT: 29.04 min Scan# 4383
Delta R.T. -0.04 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PB113868BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.5	17.3
279	24.4	18.6	27.8

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Sohil
10/17/2018 2:59:32 PM

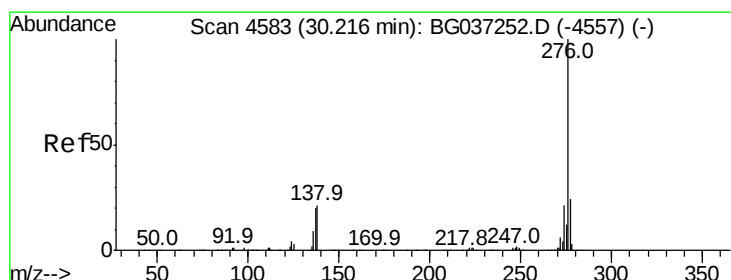
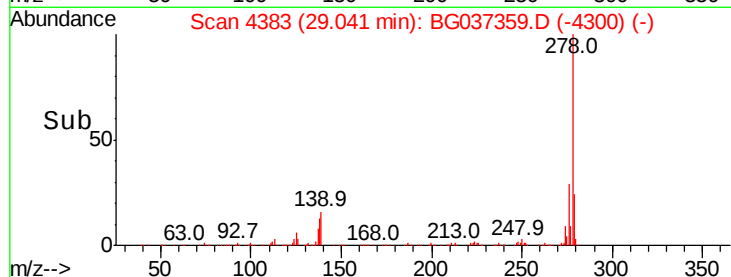
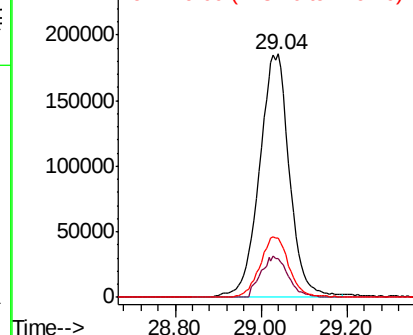


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.287 ng
RT: 30.17 min Scan# 4575
Delta R.T. -0.05 min
Lab File: BG037359.D
Acq: 16 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.9	28.3
138	21.5	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

