

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038057.D
 Acq On : 17 Nov 2018 6:27
 Operator : JU/SJ
 Sample : PB114894BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114894BS

Manual Integrations
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 11/19/2018 2:13:51 PM

Quant Time: Nov 19 05:56:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	47727	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	199773	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120074	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	279826	20.00	ng	0.00
76) Chrysene-d12	21.75	240	269968	20.00	ng	0.00
87) Perylene-d12	25.07	264	267742	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	401461	145.23	ng	0.00
7) Phenol-d6	7.24	99	534041	135.34	ng	0.00
23) Nitrobenzene-d5	9.26	82	250450	67.11	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	180051	131.48	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	548472	66.55	ng	0.00
79) Terphenyl-d14	20.07	244	838537	73.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	57038	43.685	ng	98
3) Pyridine	3.92	79	126394	33.935	ng	99
4) n-Nitrosodimethylamine	3.84	42	64616	47.819	ng	# 95
6) Aniline	7.41	93	187328	36.784	ng	96
8) 2-Chlorophenol	7.65	128	147546	46.000	ng	96
9) Benzaldehyde	7.22	77	96497	33.817	ng	98
10) Phenol	7.26	94	192509	46.060	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	143303	41.998	ng	97
12) 1,3-Dichlorobenzene	7.97	146	150284	40.671	ng	96
13) 1,4-Dichlorobenzene	8.12	146	155311	41.609	ng	96
14) 1,2-Dichlorobenzene	8.44	146	147784	41.470	ng	99
15) Benzyl Alcohol	8.32	79	131938	46.210	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	275297	43.450	ng	99
17) 2-Methylphenol	8.52	107	132645	46.942	ng	98
18) Hexachloroethane	9.16	117	56716	41.751	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	115383	40.413	ng	97
20) 3+4-Methylphenols	8.85	107	180597	45.085	ng	98
22) Acetophenone	8.92	105	216633	43.584	ng	# 99
24) Nitrobenzene	9.30	77	172088	45.077	ng	95
25) Isophorone	9.82	82	321015	47.790	ng	97
26) 2-Nitrophenol	10.02	139	83930	44.038	ng	97
27) 2,4-Dimethylphenol	10.06	122	148836	51.832	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	197449	45.969	ng	96
29) 2,4-Dichlorophenol	10.54	162	150623	46.633	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	154171	42.595	ng	98
31) Naphthalene	10.96	128	455006	46.307	ng	99
32) Benzoic acid	10.20	122	88143	47.756	ng	98
33) 4-Chloroaniline	11.07	127	121210	26.519	ng	97
34) Hexachlorobutadiene	11.22	225	89531	40.192	ng	99
35) Caprolactam	11.85	113	36567	28.284	ng	93
36) 4-Chloro-3-methylphenol	12.17	107	162390	46.020	ng	96
37) 2-Methylnaphthalene	12.55	142	329256	46.650	ng	97
38) 1-Methylnaphthalene	12.77	142	313423	46.134	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	169075	42.139	ng	99

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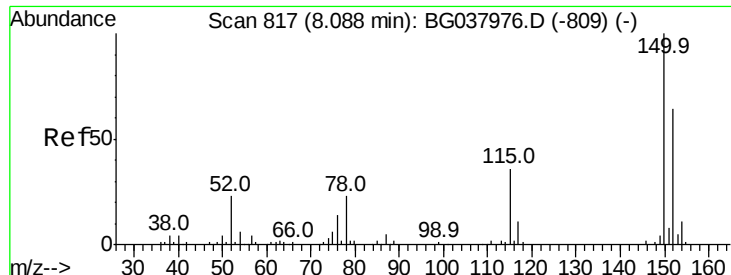
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	216227	100.641	nq	98
43) 2,4,6-Trichlorophenol	13.15	196	121475	44.429	nq	100
44) 2,4,5-Trichlorophenol	13.22	196	129369	44.969	nq	97
46) 1,1'-Biphenyl	13.55	154	421948	41.829	nq	100
47) 2-Chloronaphthalene	13.60	162	333706	43.352	nq	100
48) 2-Nitroaniline	13.81	65	112980	46.634	nq	95
49) Acenaphthylene	14.45	152	549759	47.493	nq	99
50) Dimethylphthalate	14.17	163	420889	44.215	nq	99
51) 2,6-Dinitrotoluene	14.30	165	97335	45.179	nq	96
52) Acenaphthene	14.79	154	316918	45.477	nq	99
53) 3-Nitroaniline	14.63	138	80745	33.965	nq	# 99
54) 2,4-Dinitrophenol	14.84	184	103758	88.162	nq	92
55) Dibenzofuran	15.12	168	509297	44.198	nq	100
56) 4-Nitrophenol	14.93	139	168282	91.780	nq	96
57) 2,4-Dinitrotoluene	15.09	165	136723	46.642	nq	98
58) Fluorene	15.77	166	411795	47.896	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113740	47.249	nq	97
60) Diethylphthalate	15.53	149	438225	43.342	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	208718	41.488	nq	97
62) 4-Nitroaniline	15.80	138	110100	46.620	nq	95
63) Azobenzene	16.05	77	411100	45.475	nq	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	77557	43.820	nq	97
66) n-Nitrosodiphenylamine	15.97	169	368878	43.574	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	131955	42.963	nq	99
68) Hexachlorobenzene	16.76	284	135014	42.588	nq	98
69) Atrazine	16.91	200	139562	44.722	nq	96
70) Pentachlorophenol	17.11	266	167493	77.791	nq	96
71) Phenanthrene	17.51	178	673853	47.035	nq	100
72) Anthracene	17.60	178	688312	48.739	nq	99
73) Carbazole	17.88	167	636300	44.908	nq	100
74) Di-n-butylphthalate	18.41	149	754464	47.435	nq	99
75) Fluoranthene	19.52	202	804688	49.229	nq	100
77) Benzidine	19.70	184	383526	40.486	nq	99
78) Pyrene	19.88	202	807856	45.769	nq	99
80) Butylbenzylphthalate	20.75	149	357684	46.339	nq	96
81) Benzo(a)anthracene	21.73	228	766557	46.986	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	194131	30.548	nq	99
83) Chrysene	21.80	228	709716	45.467	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	498481	45.284	nq	100
85) Di-n-octyl phthalate	22.84	149	859330	48.253	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	850297	49.047	nq	# 90
88) Benzo(b)fluoranthene	24.01	252	765219	51.936	nq	99
89) Benzo(k)fluoranthene	24.08	252	719722m	49.504	nq	
90) Benzo(a)pyrene	24.92	252	735224	52.214	nq	97
91) Dibenzo(a,h)anthracene	28.95	278	700720	51.720	nq	97
92) Benzo(g,h,i)perylene	30.08	276	708655	52.605	nq	99

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



#1

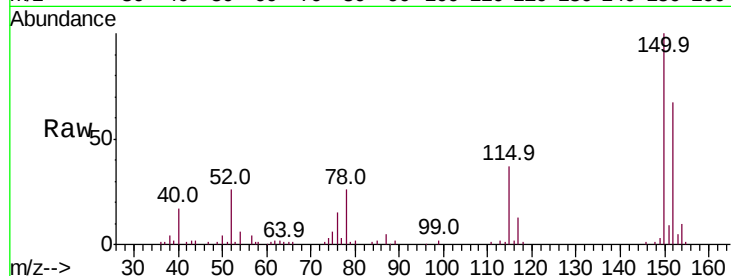
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	126.0	189.0
115	54.8	45.5	68.3

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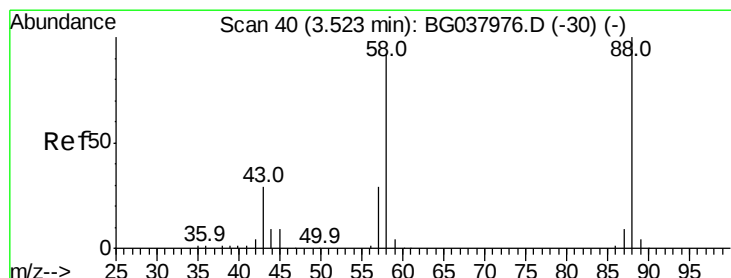
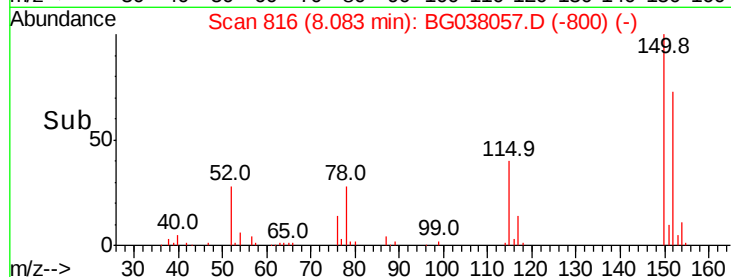
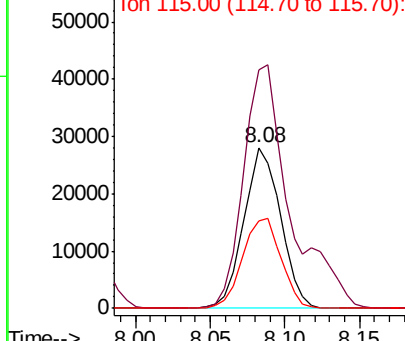


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

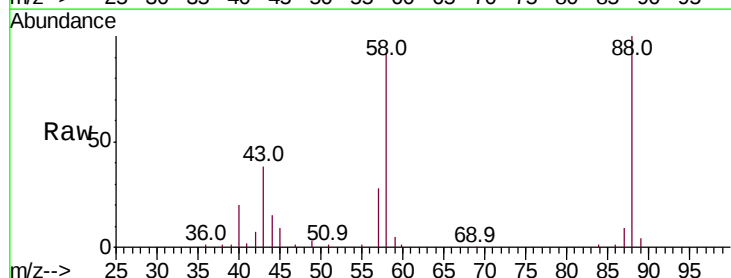
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.685 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.3	74.4	111.6
43	33.8	25.8	38.8

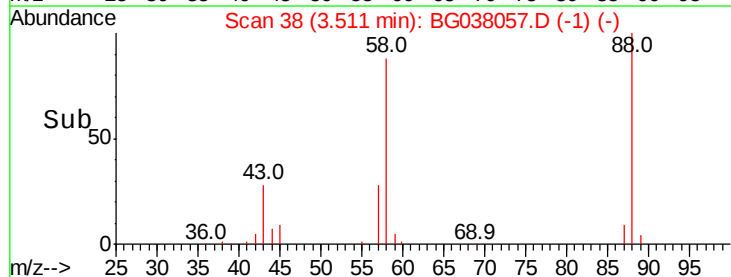
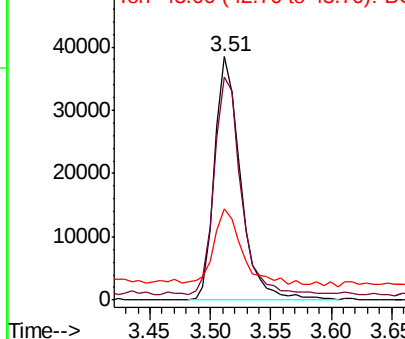


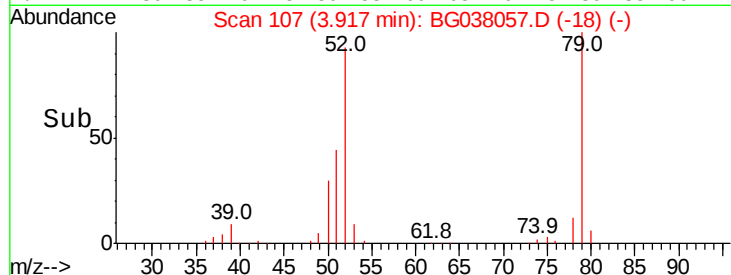
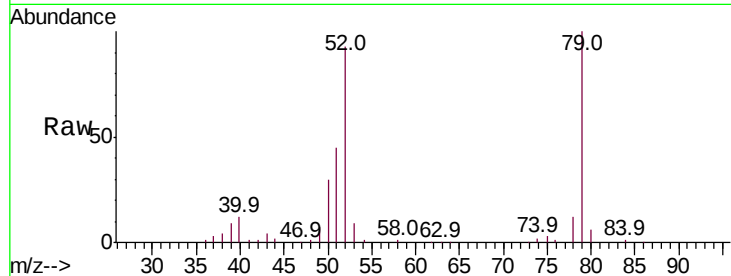
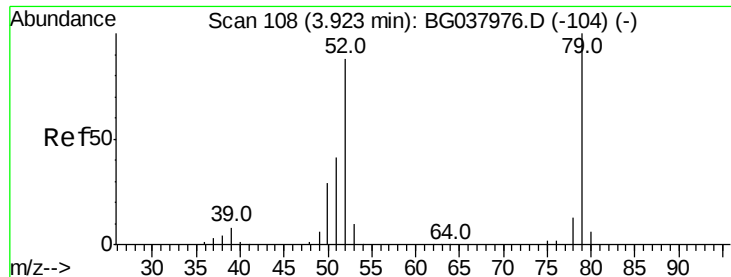
Abundance

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





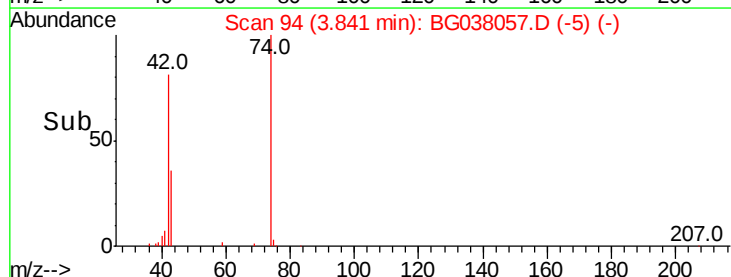
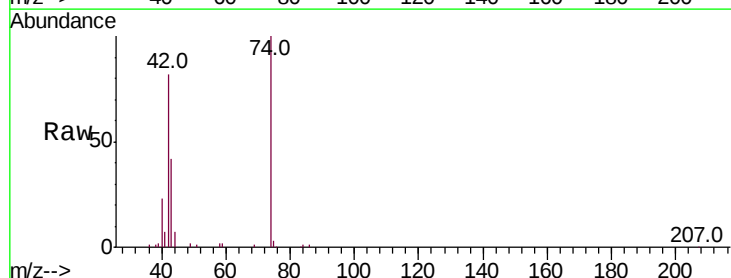
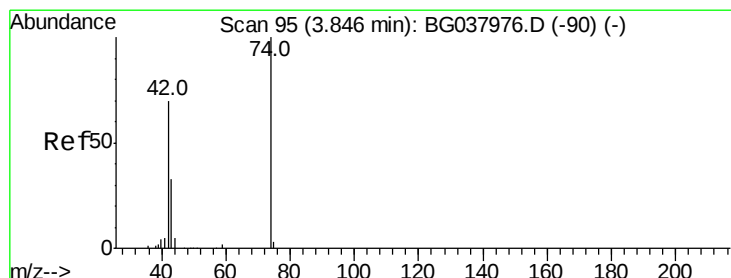
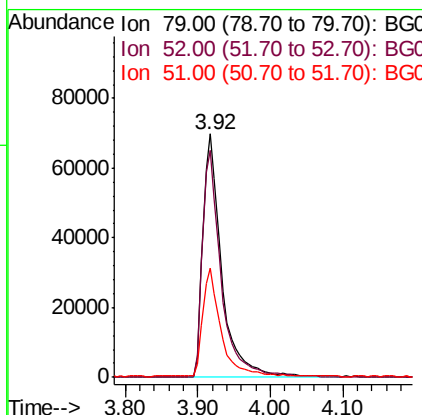
#3
Pvridine
Concen: 33.935 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		126394		
52	93.2	74.2	111.2		
51	45.1	34.6	51.8		

Instrument :
BNA_G
ClientSampleId :
PB114894BS

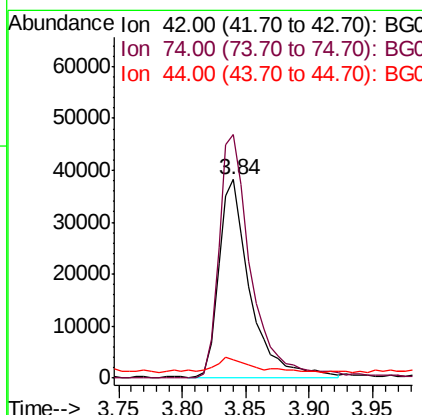
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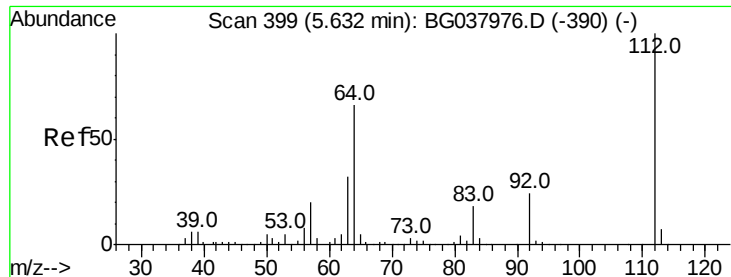
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#4
n-Nitrosodimethylamine
Concen: 47.819 ng
RT: 3.84 min Scan# 94
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		64616		
74	122.6	102.0	153.0		
44	9.2	9.6	14.4#		





#5

2-Fluorophenol

Concen: 145.232 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

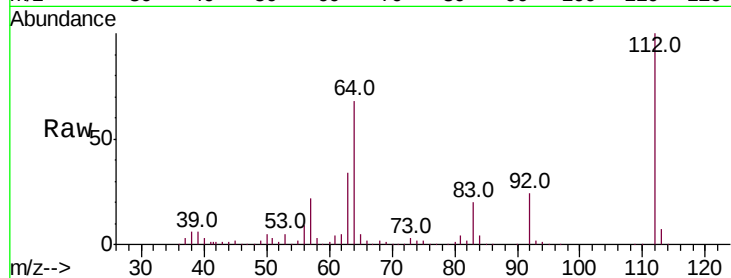
ClientSampleId :

PB114894BS

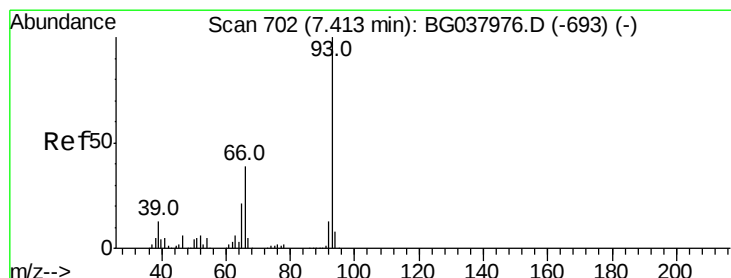
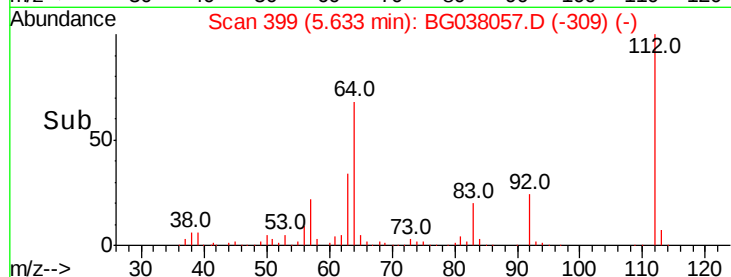
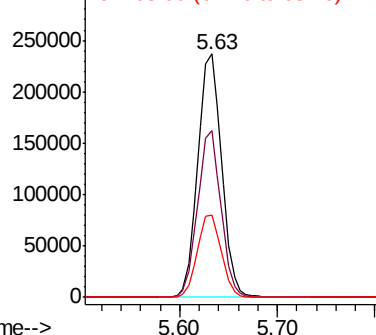
Tot Ion:	112	Resp:	401461
Ion Ratio	Lower	Upper	
112	100		
64	68.3	53.1	79.7
63	34.0	27.3	40.9

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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: 36.784 ng

RT: 7.41 min Scan# 702

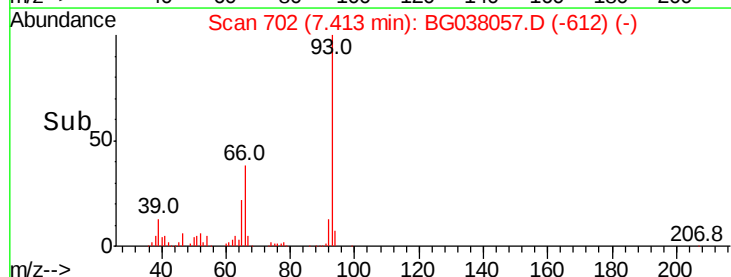
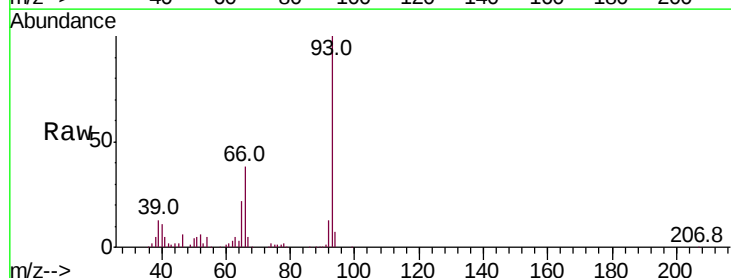
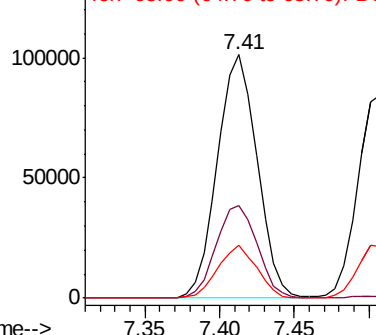
Delta R.T. 0.00 min

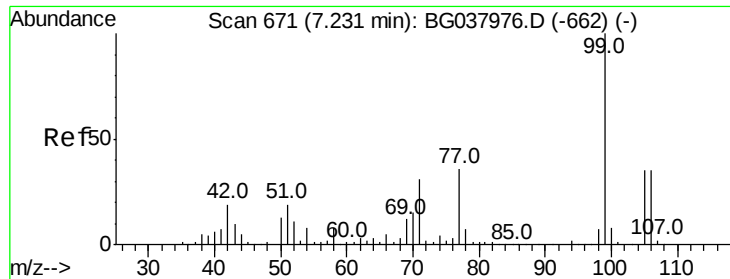
Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion:	93	Resp:	187328
Ion Ratio	Lower	Upper	
93	100		
66	38.0	32.8	49.2
65	21.7	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: 135.343 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

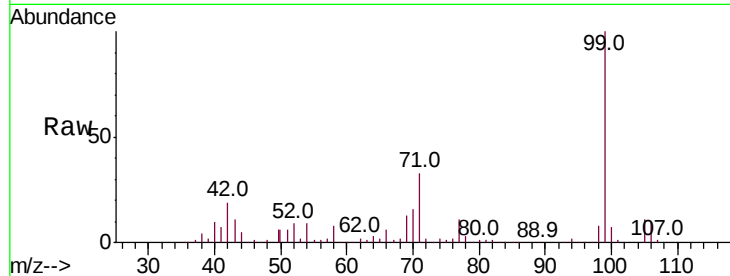
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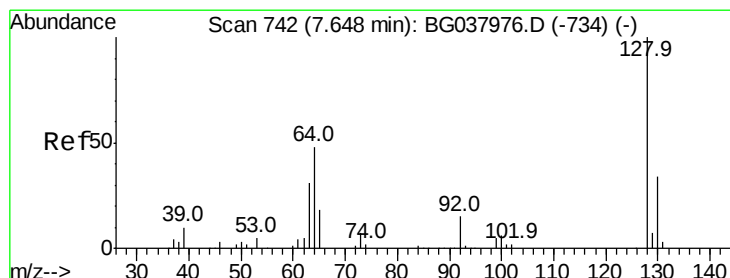
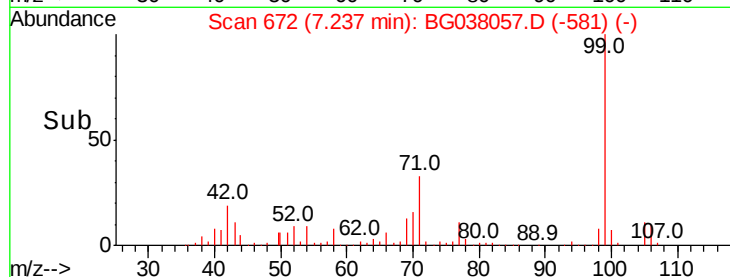
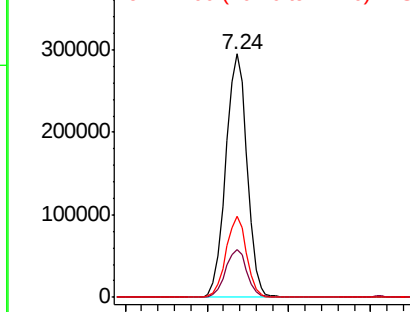
Tot Ion:	99	Resp:	534041
Ion Ratio	Lower	Upper	
99	100		
42	19.5	15.0	22.4
71	33.3	25.5	38.3

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



#8

2-Chlorophenol

Concen: 46.000 ng

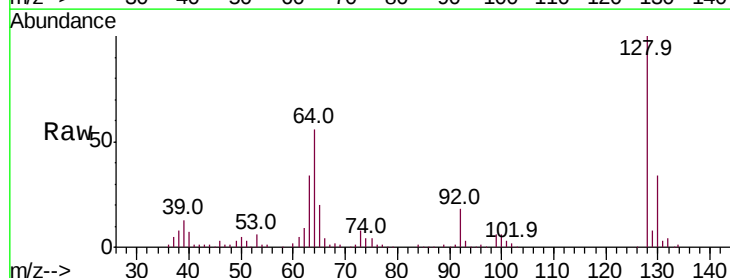
RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

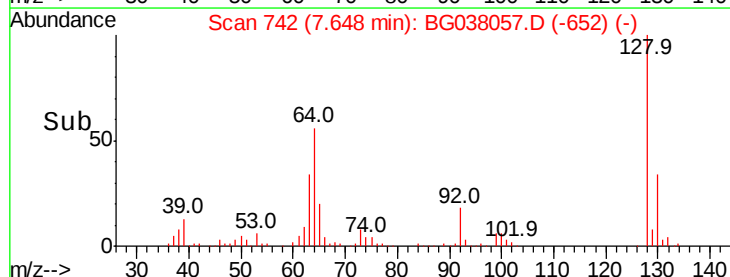
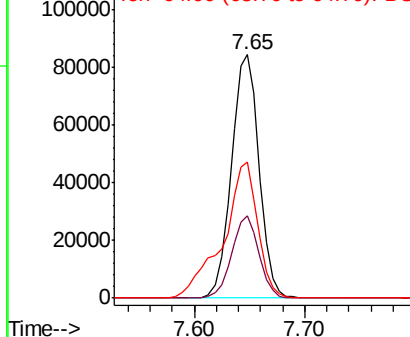
Lab File: BG038057.D

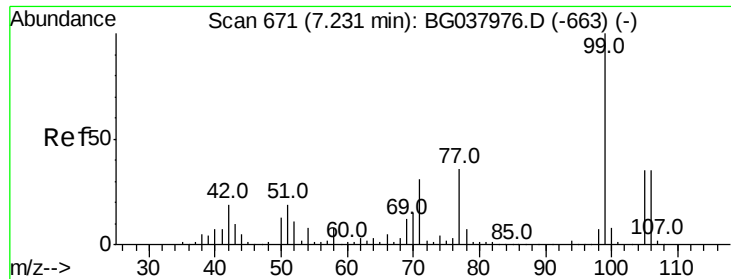
Acq: 17 Nov 2018 6:27

Tgt Ion:	128	Resp:	147546
Ion Ratio	Lower	Upper	
128	100		
130	33.8	12.0	52.0
64	55.8	32.9	72.9



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





#9

Benzaldehyde

Concen: 33.817 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

PB114894BS

Tot Ion: 77 Resp: 96497

Ion Ratio Lower Upper

77 100

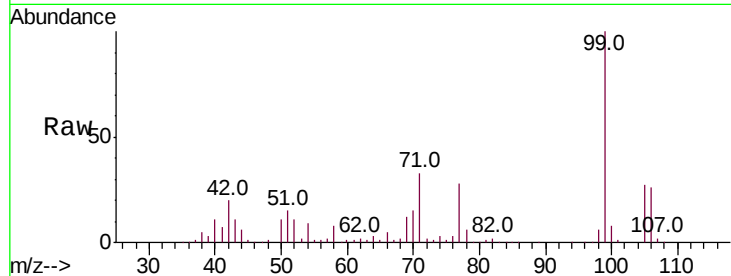
105 94.9 72.6 112.6

106 93.4 71.3 111.3

Manual Integrations
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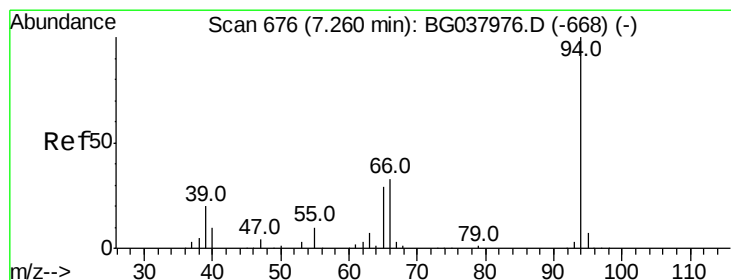
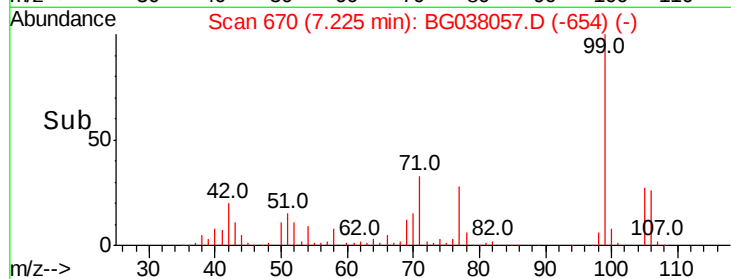
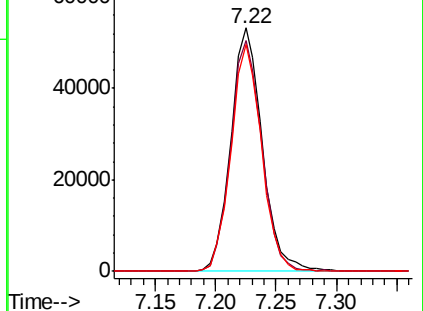
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.060 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

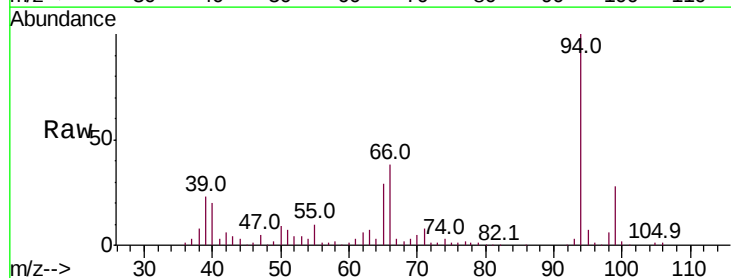
Tgt Ion: 94 Resp: 192509

Ion Ratio Lower Upper

94 100

65 29.3 9.7 49.7

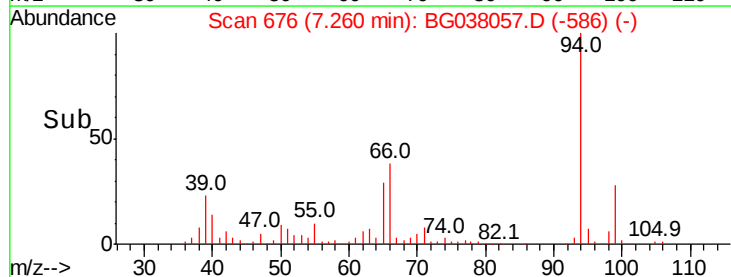
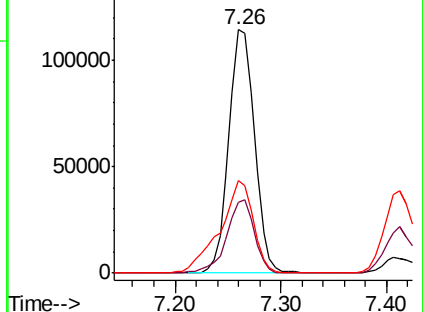
66 38.0 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





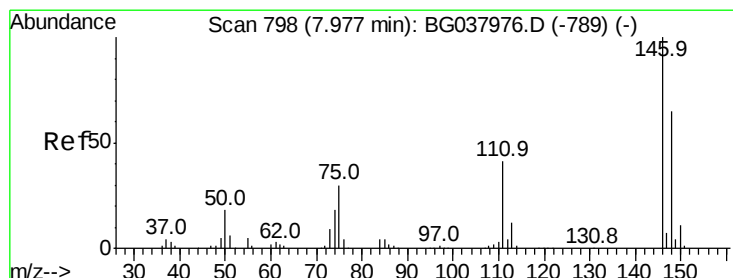
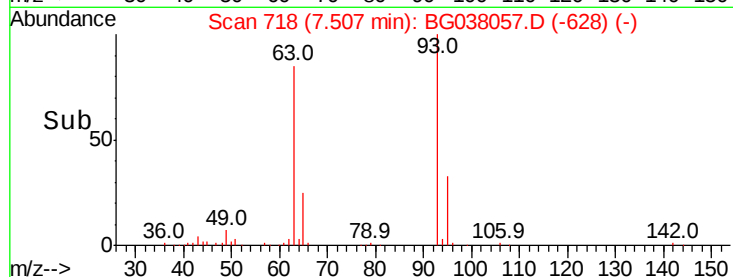
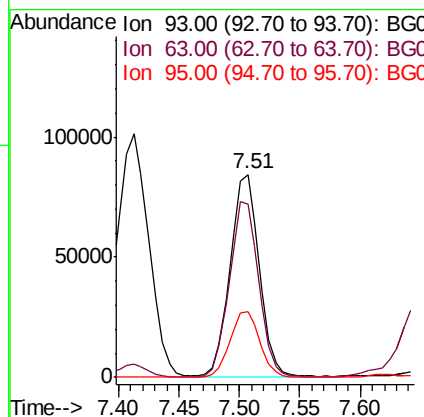
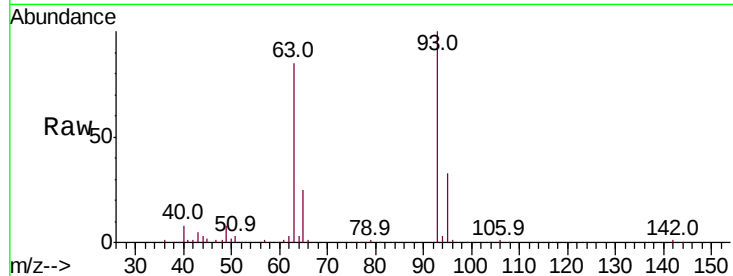
#11
bis(2-Chloroethyl)ether
Concen: 41.998 ng
RT: 7.51 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampled :
PB114894BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.4	69.5	109.5
95	32.7	12.6	52.6

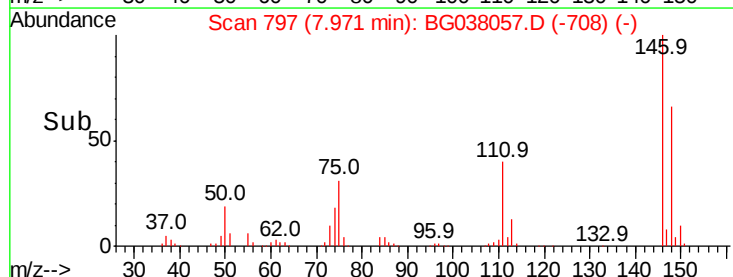
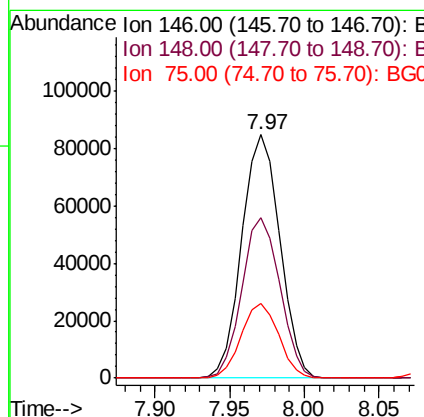
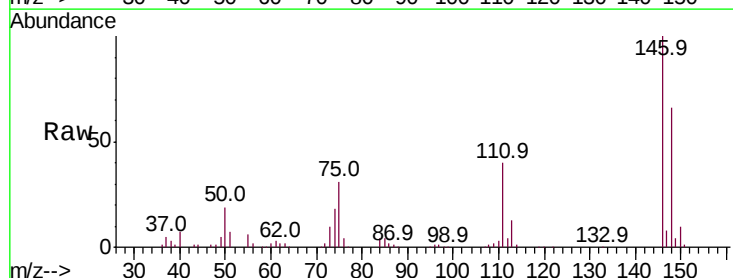
Manual Integrations
APPROVED

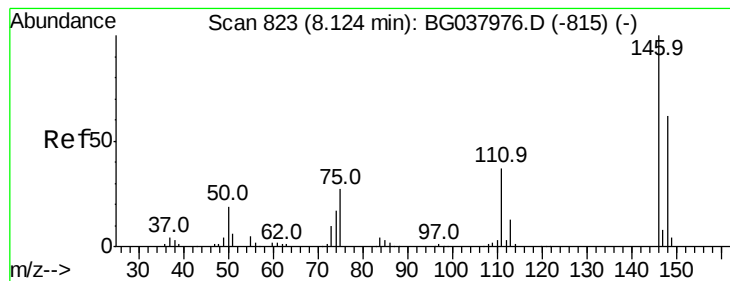
Sohil
11/19/2018 2:13:51 PM



#12
1,3-Dichlorobenzene
Concen: 40.671 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	49.8	74.8
75	30.5	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 41.609 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

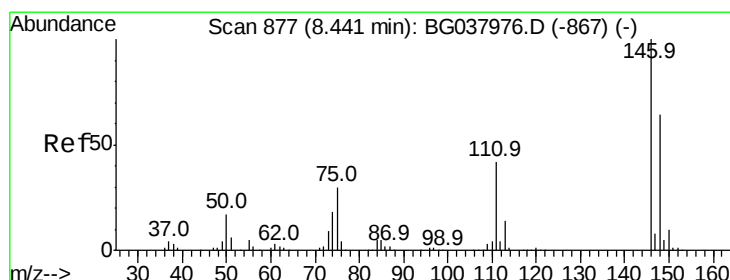
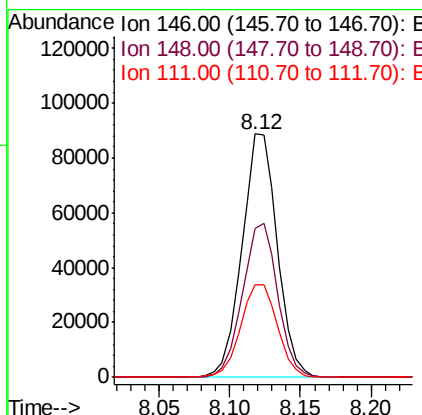
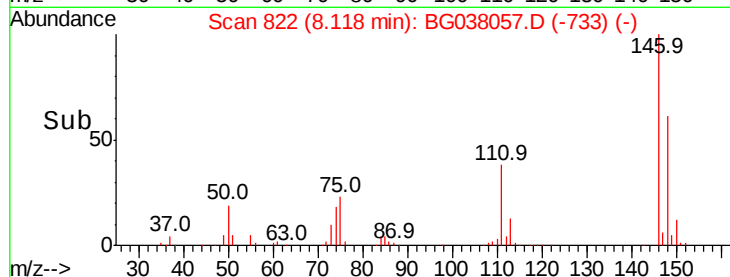
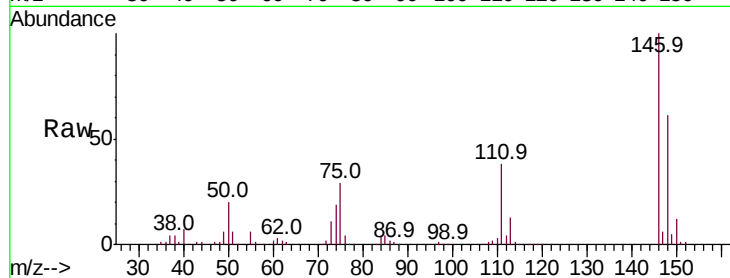
ClientSampleId :

PB114894BS

Tot Ion:	146	Resp:	155311
Ion Ratio	Lower	Upper	
146	100		
148	61.0	51.0	76.6
111	38.0	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 41.470 ng

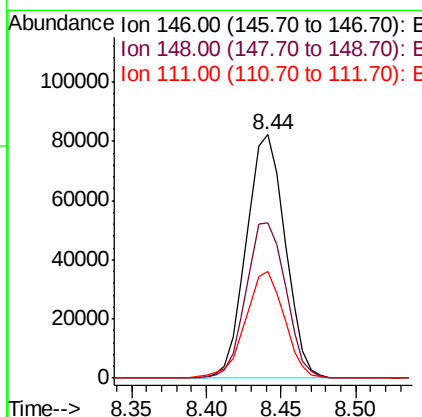
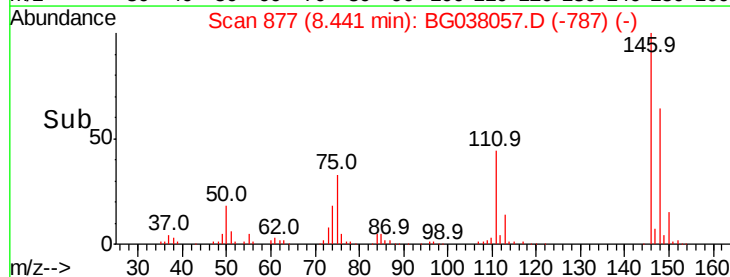
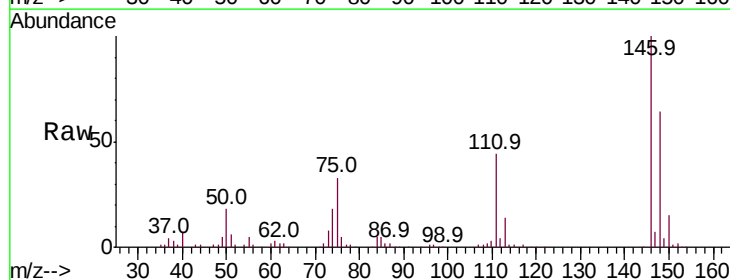
RT: 8.44 min Scan# 877

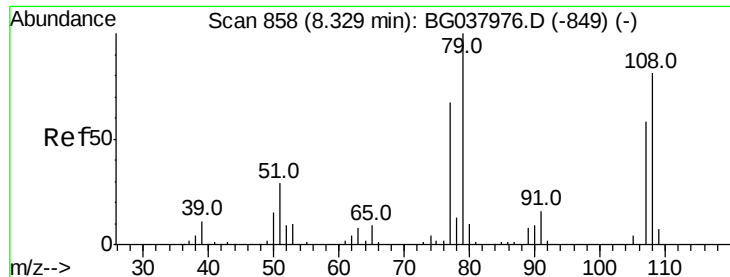
Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion:	146	Resp:	147784
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.4	75.6
111	43.7	34.6	51.8





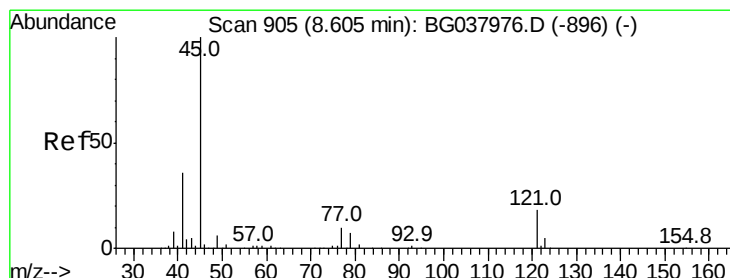
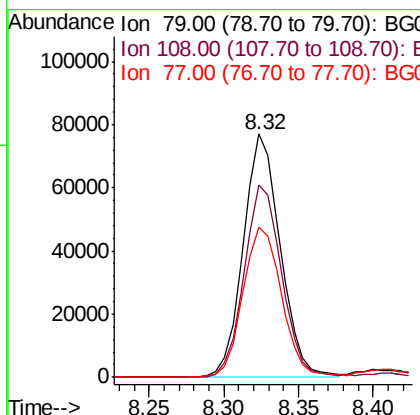
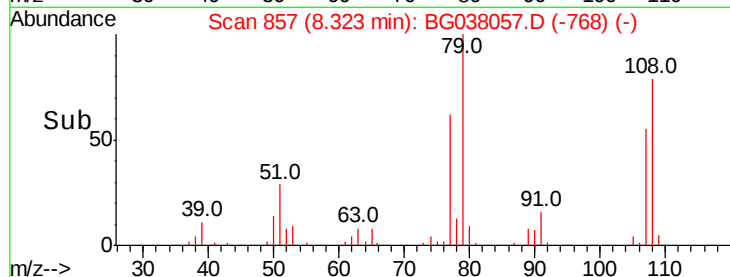
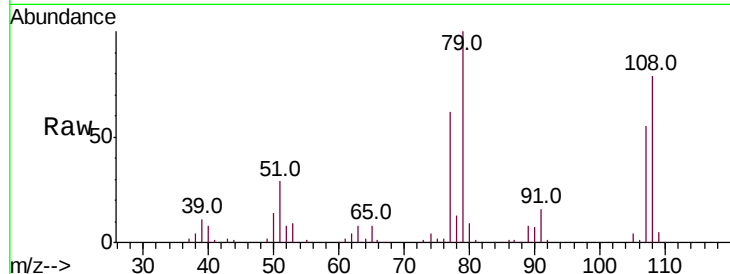
#15
Benzyl Alcohol
Concen: 46.210 ng
RT: 8.32 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampled :
PB114894BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.2	65.8	98.8	
77	61.9	52.9	79.3	

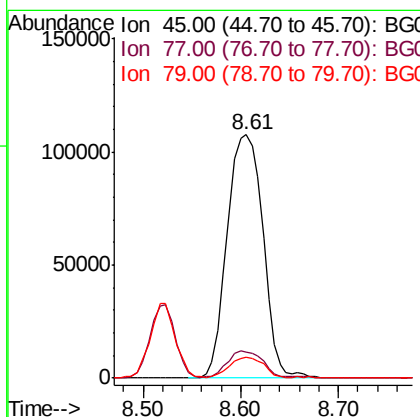
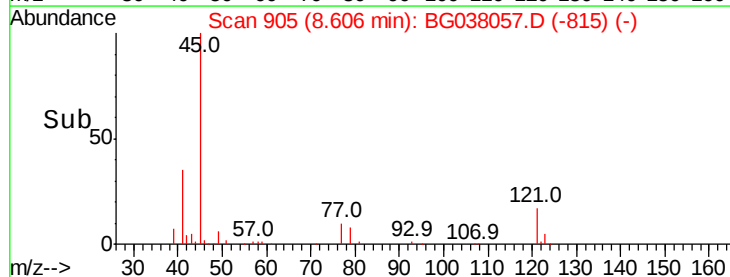
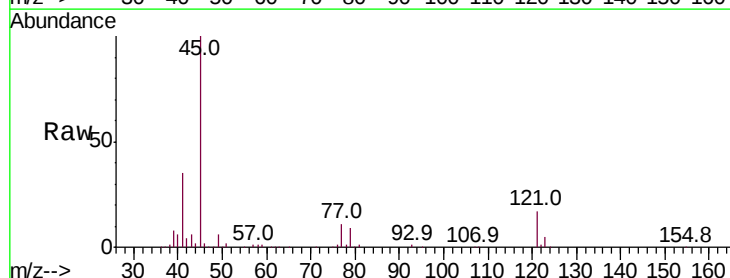
Manual Integrations
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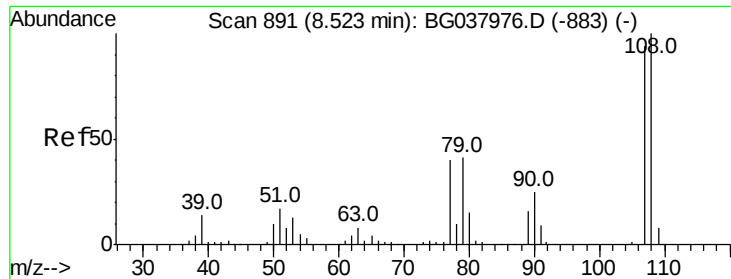
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.450 ng
RT: 8.61 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	10.5	0.0	30.0	
79	8.7	0.0	29.0	





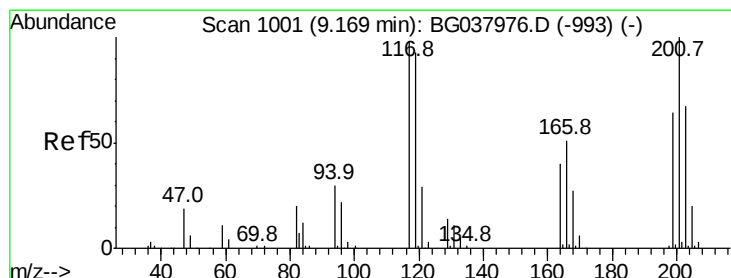
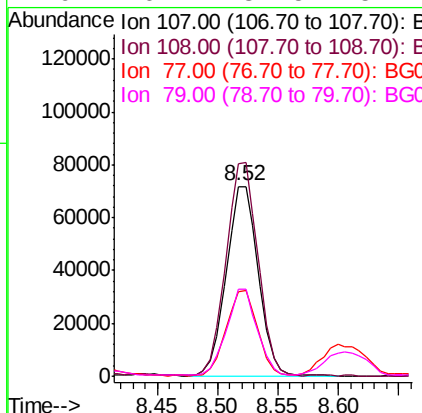
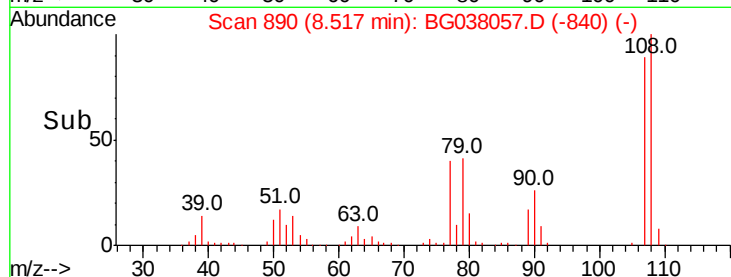
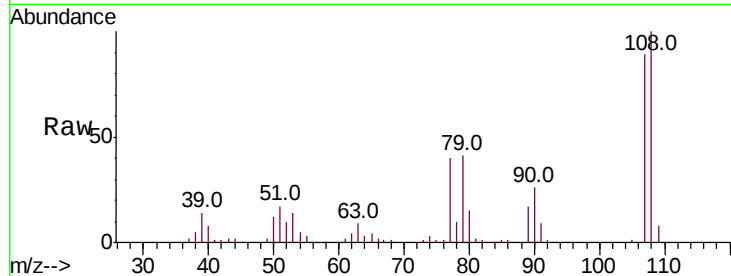
#17
2-Methylphenol
Concen: 46.942 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	87.9	131.9	
77	44.7	35.1	52.7	
79	46.2	34.5	51.7	

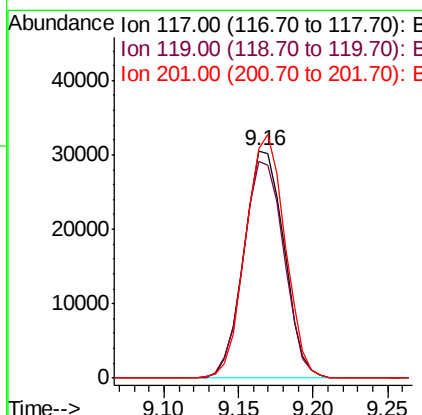
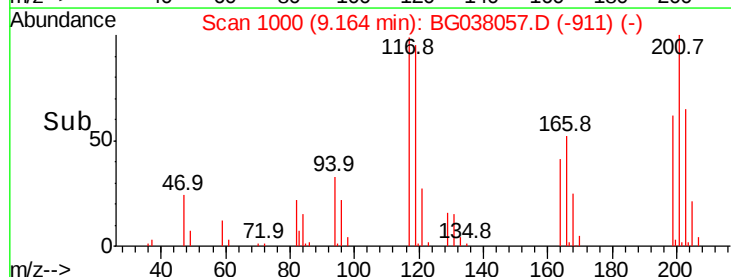
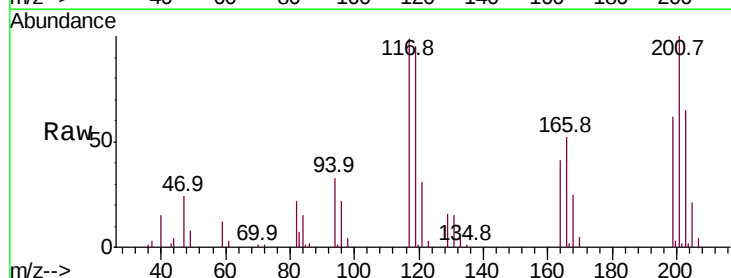
Manual Integrations
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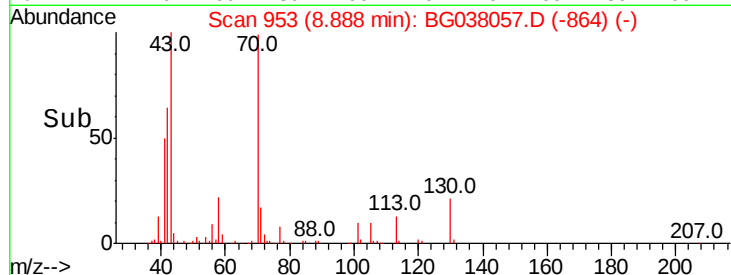
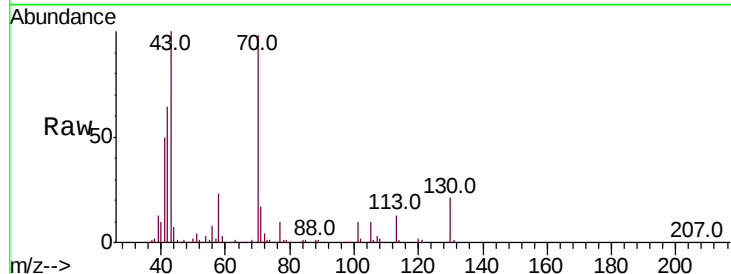
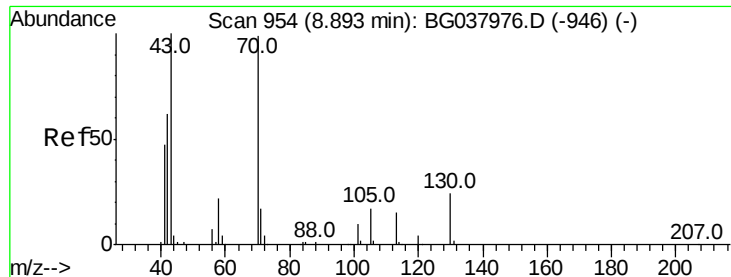
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#18
Hexachloroethane
Concen: 41.751 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	74.6	111.8	
201	103.5	80.8	121.2	





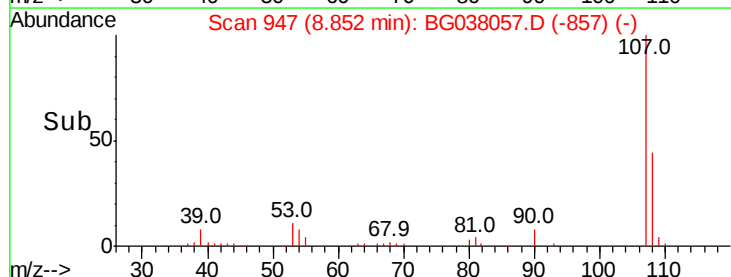
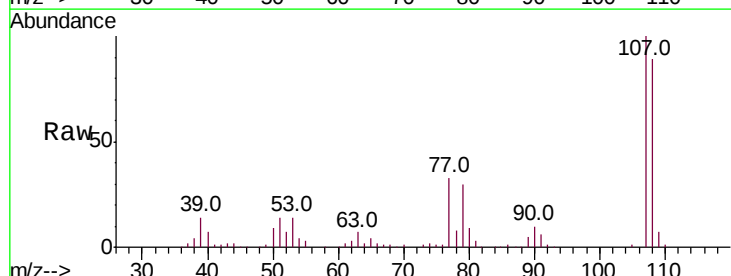
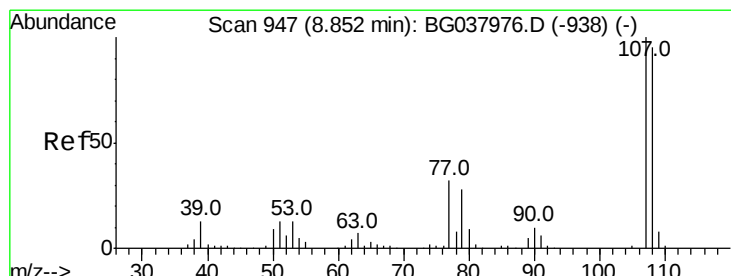
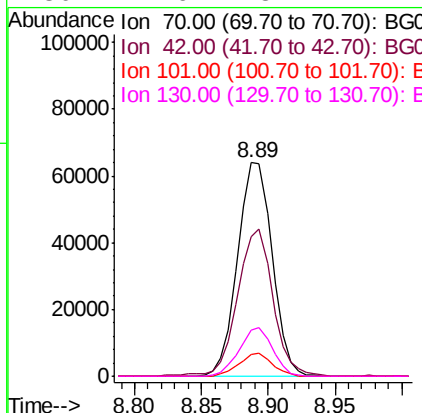
#19
n-Nitroso-di-n-propylamine
Concen: 40.413 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.1	53.9	80.9
101	10.0	8.2	12.2
130	21.6	18.2	27.4

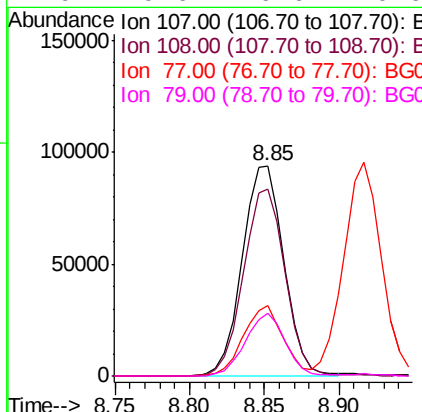
Manual Integrations
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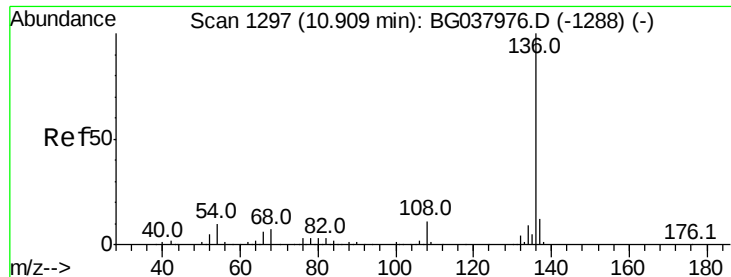
Sohil
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#20
3+4-Methylphenols
Concen: 45.085 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.9	109.9
77	33.4	11.2	51.2
79	29.6	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

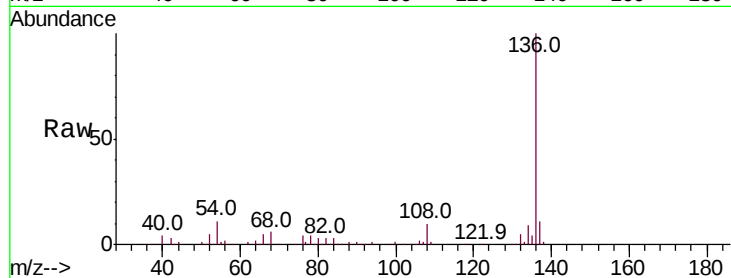
ClientSampleId :

PB114894BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	199773		
137	11.4		9.6	14.4
54	11.0		7.9	11.9
68	6.4		4.8	7.2

Manual Integrations
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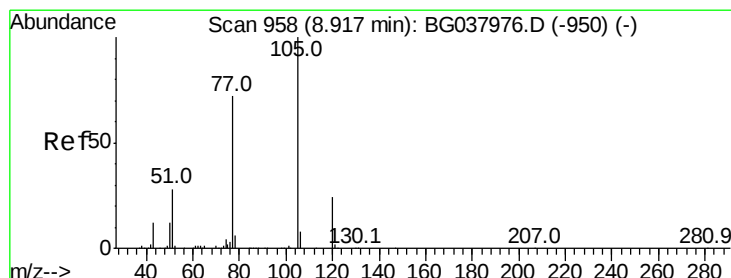
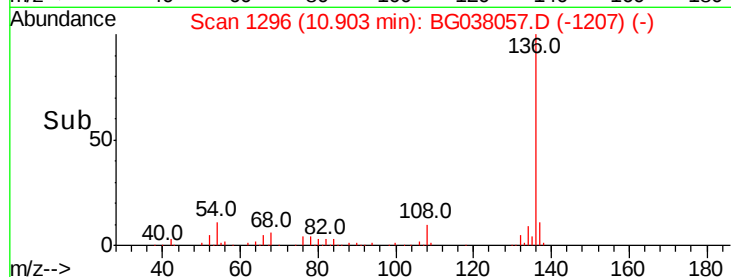
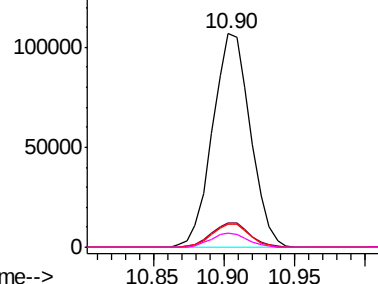
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.584 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	216633		
71	0.7		1.2	1.8#
51	32.2		25.0	37.6
120	23.8		18.6	28.0

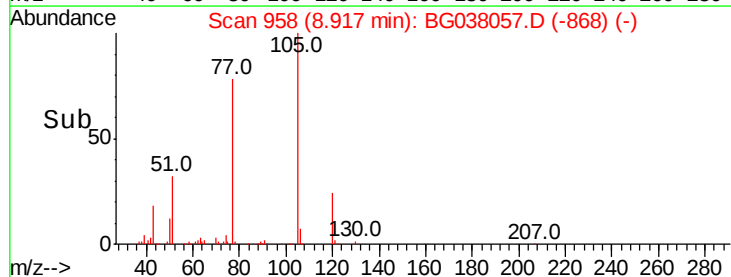
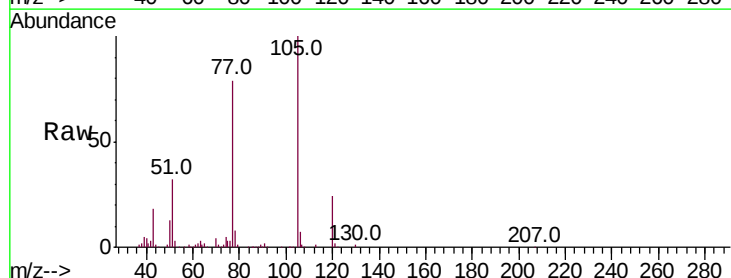
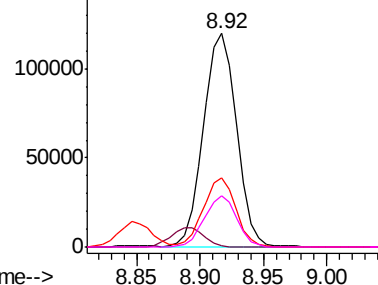
Abundance

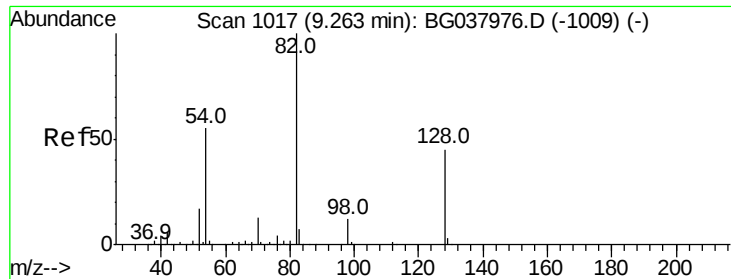
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





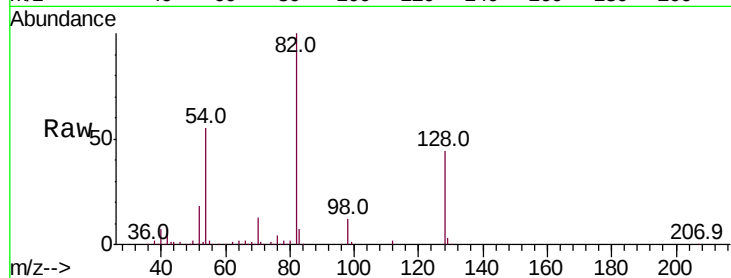
#23
Nitrobenzene-d5
Concen: 67.110 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	55.3	45.3	67.9

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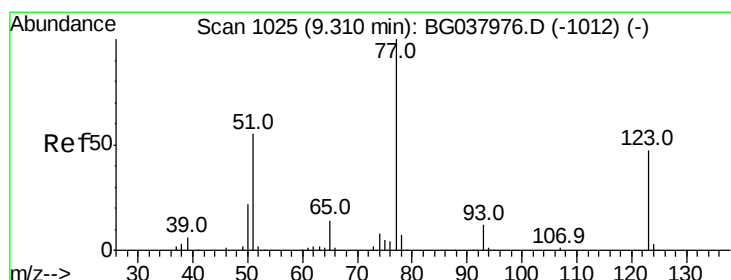
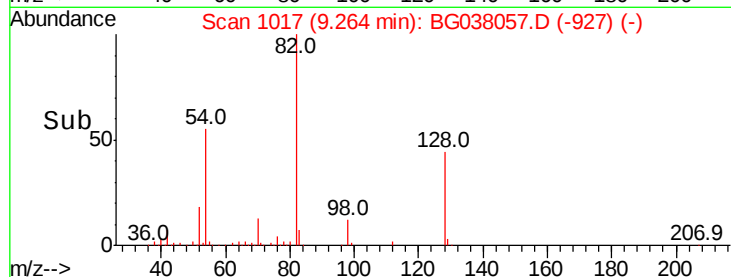
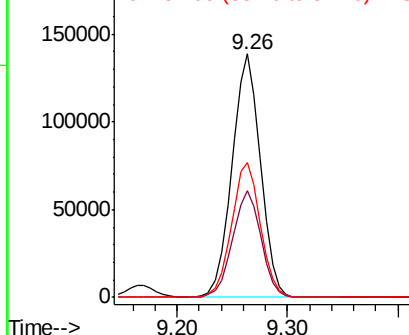


Abundance

Ion 82.00 (81.70 to 82.70): BGC

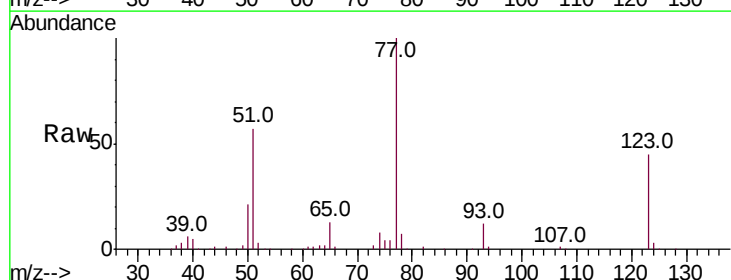
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 45.077 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	33.6	50.4
65	12.6	11.3	16.9

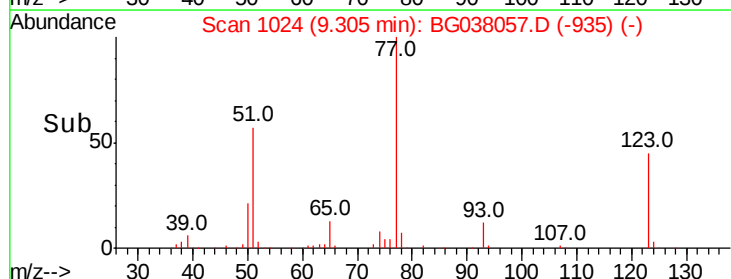
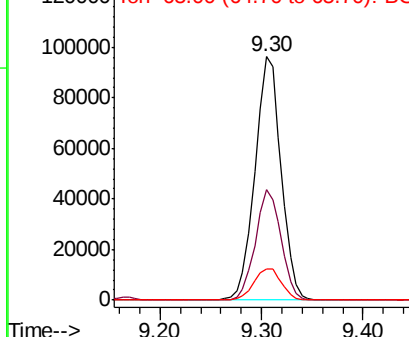


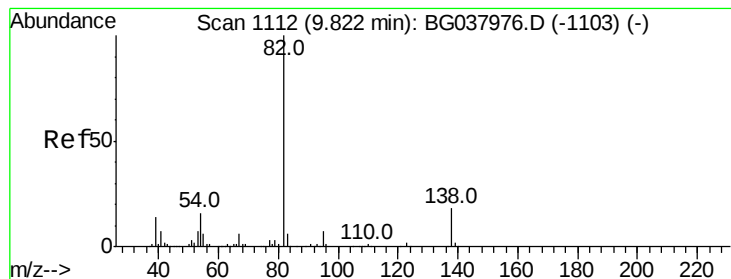
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 47.790 ng

RT: 9.82 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

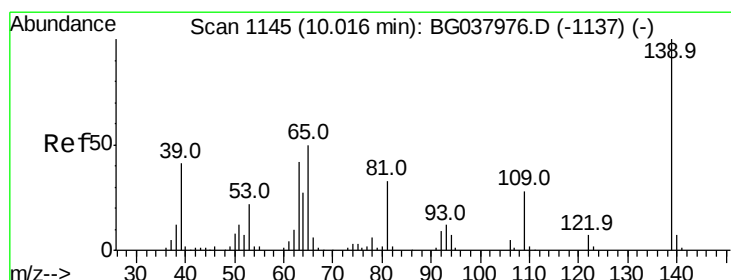
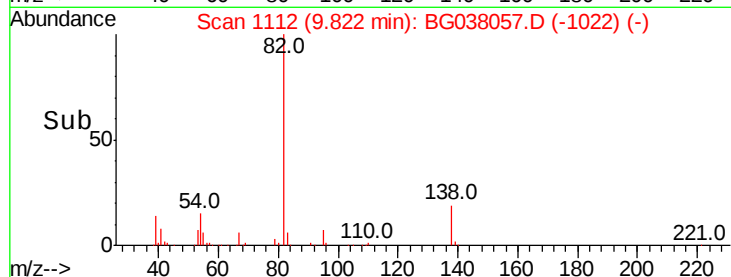
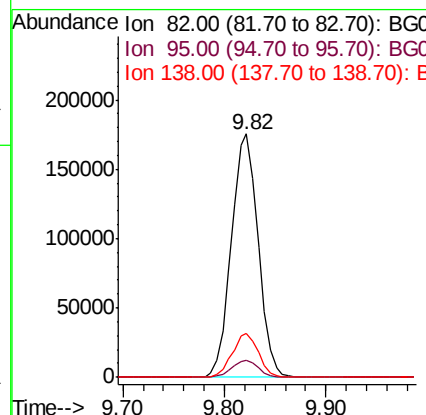
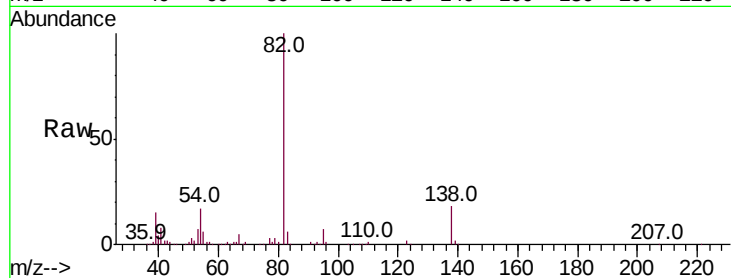
ClientSampleId :

PB114894BS

Tot Ion:	82	Resp:	321015
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	18.1	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.038 ng

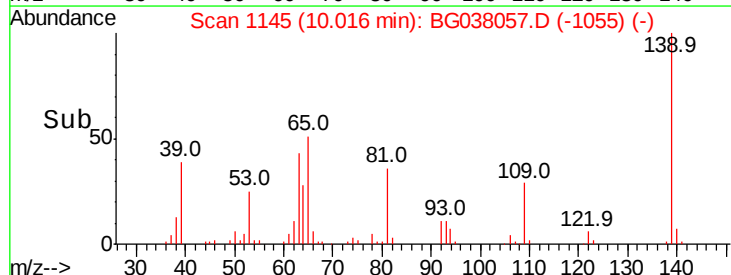
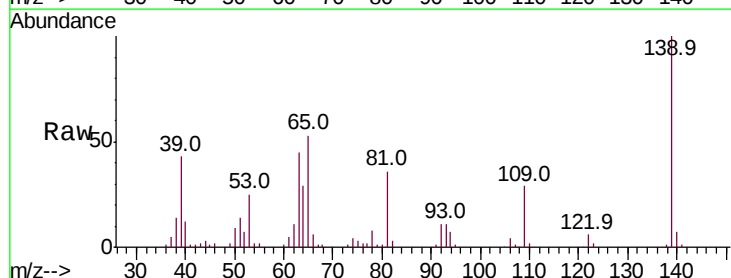
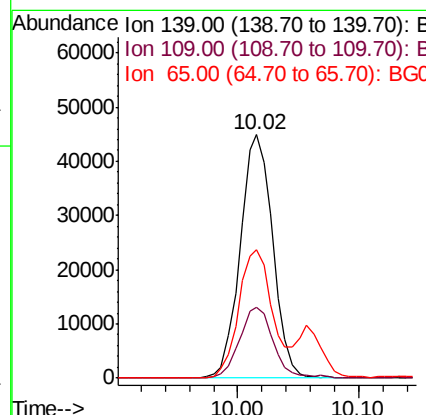
RT: 10.02 min Scan# 1145

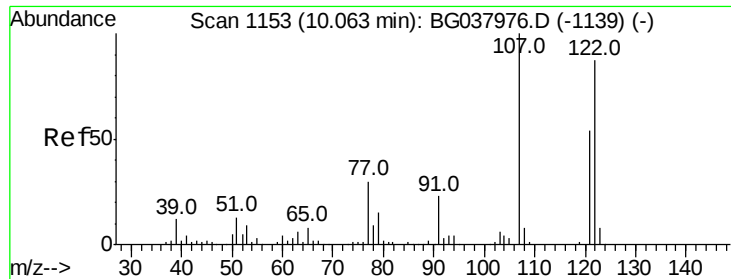
Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion:	139	Resp:	83930
Ion Ratio	Lower	Upper	
139	100		
109	29.0	23.3	34.9
65	53.0	39.8	59.8





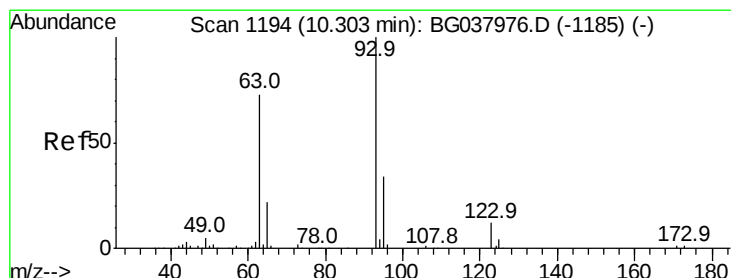
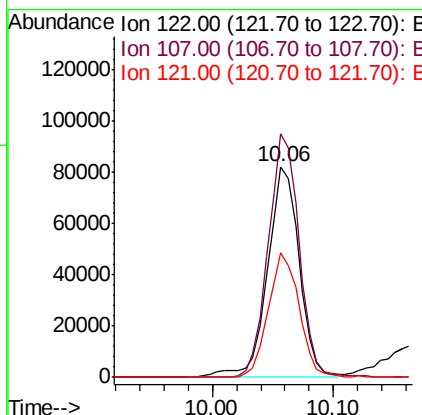
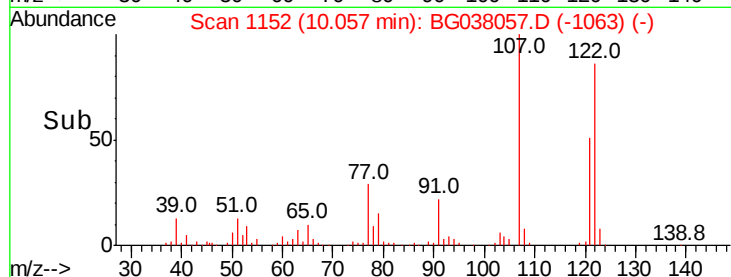
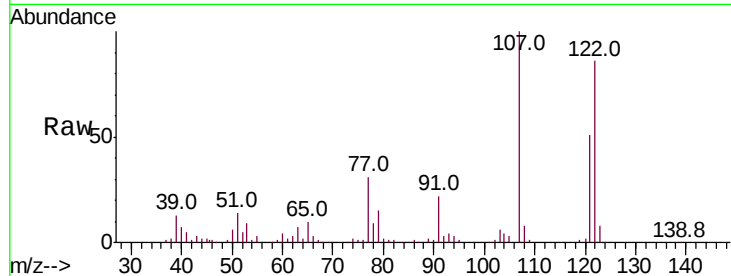
#27
2,4-Dimethylphenol
Concen: 51.832 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	94.2	141.2
121	59.1	47.3	70.9

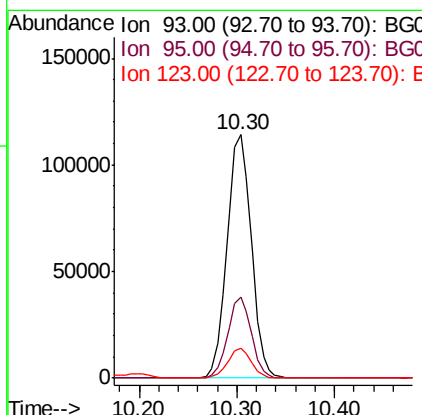
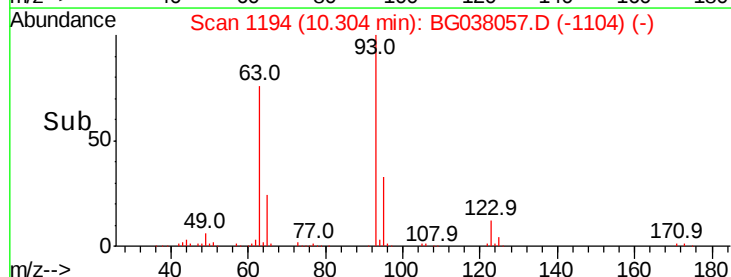
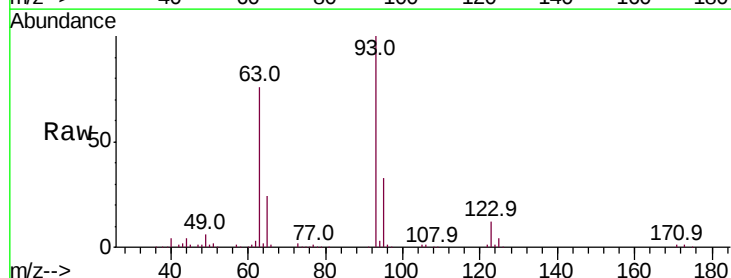
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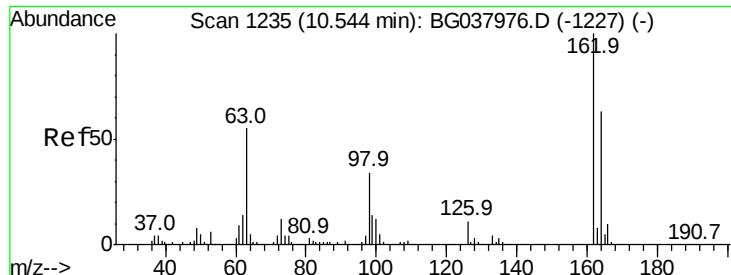
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 45.969 ng
RT: 10.30 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.6	37.0
123	12.1	9.1	13.7





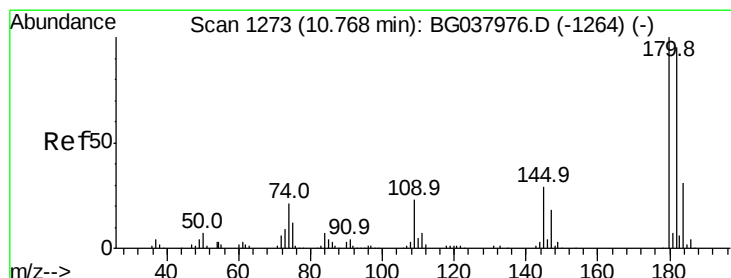
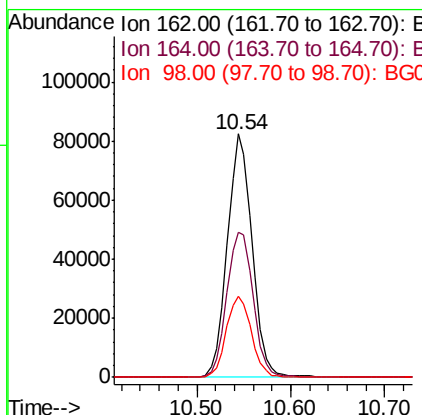
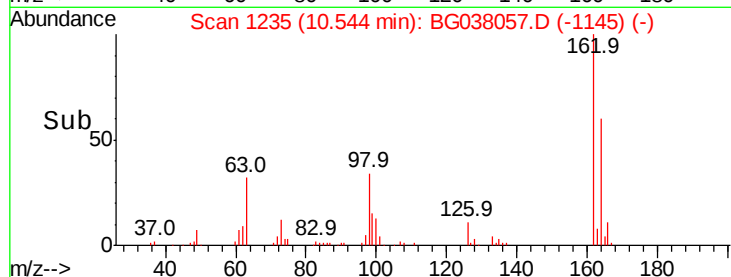
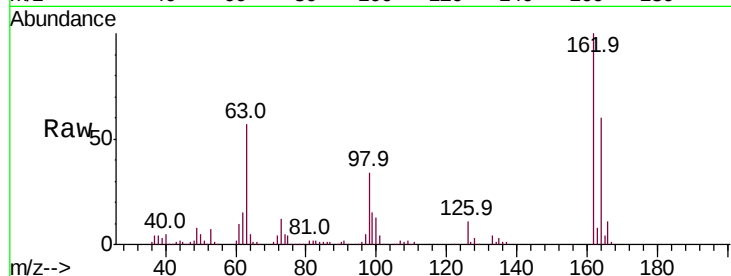
#29
 2,4-Dichlorophenol
 Concen: 46.633 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Instrument :
 BNA_G
 ClientSampled :
 PB114894BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	59.6	43.2	83.2
98	33.5	16.0	56.0

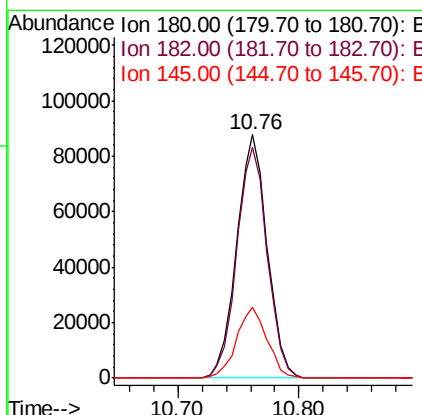
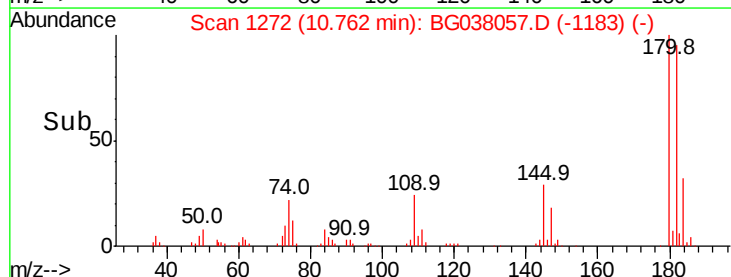
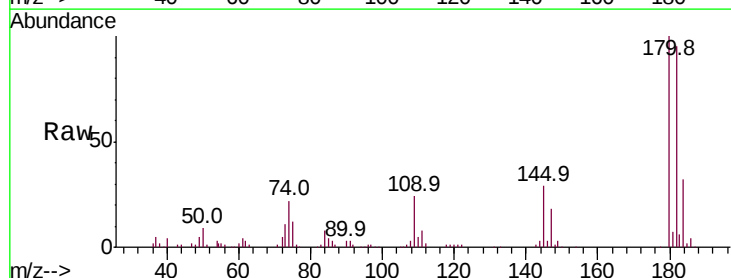
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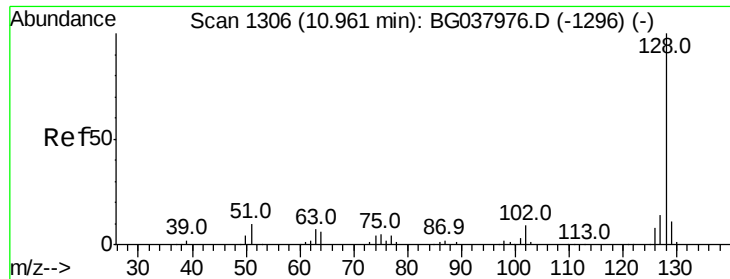
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.595 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	77.7	116.5
145	29.2	23.3	34.9





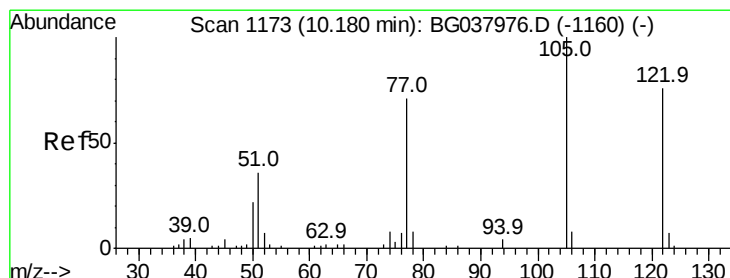
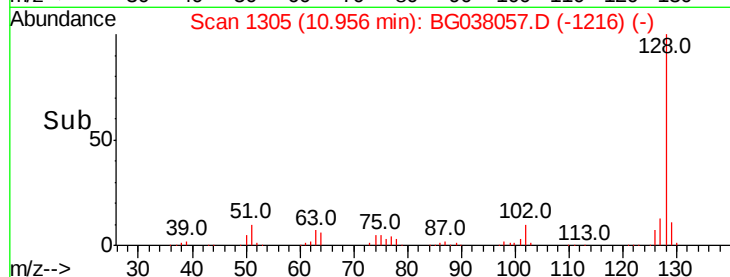
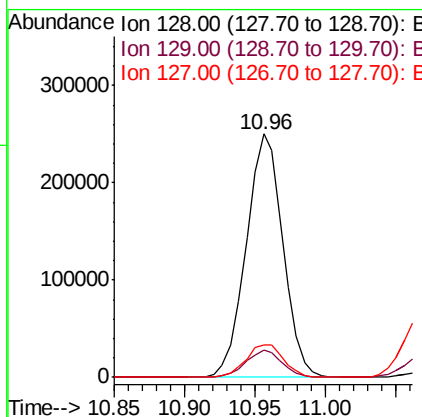
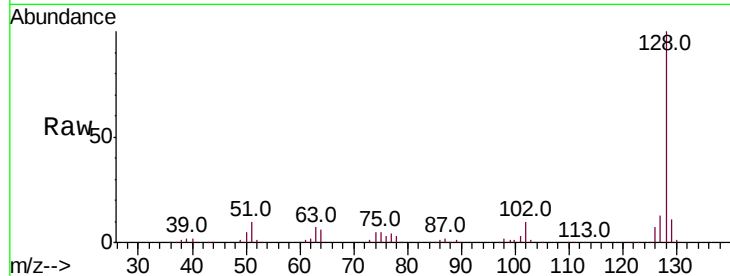
#31
Naphthalene
Concen: 46.307 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.4	11.1	16.7

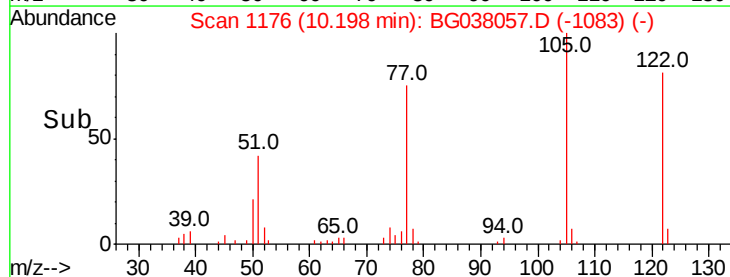
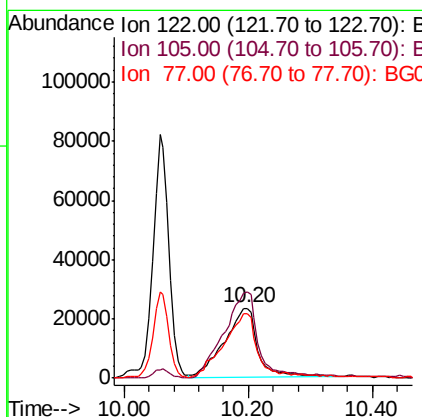
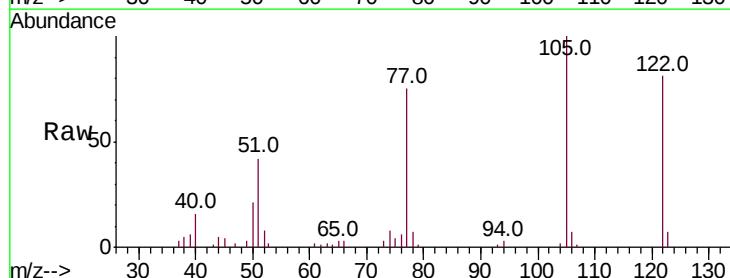
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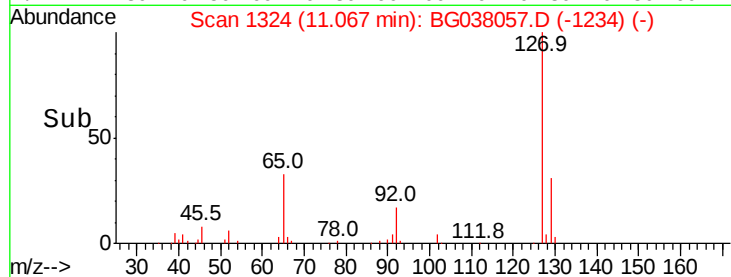
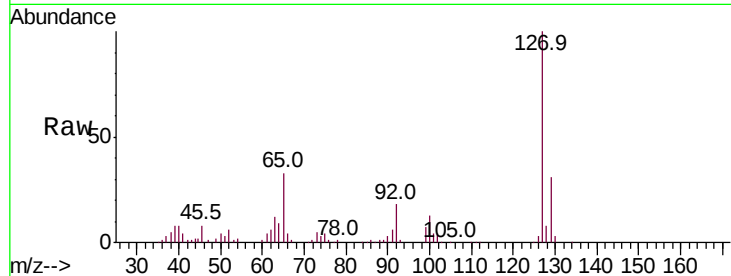
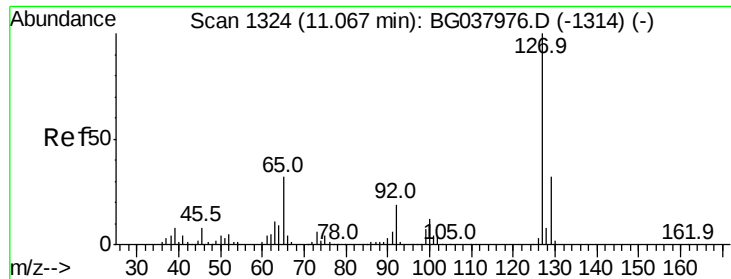
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#32
Benzoic acid
Concen: 47.756 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	106.7	146.7
77	92.1	72.2	112.2





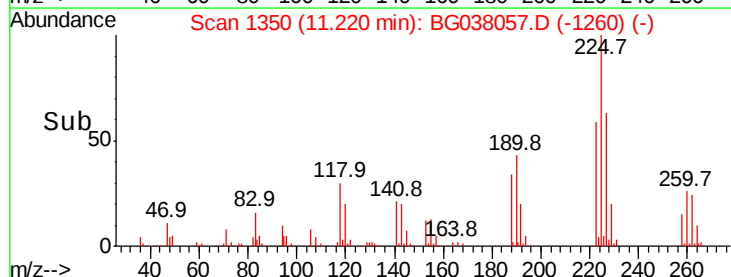
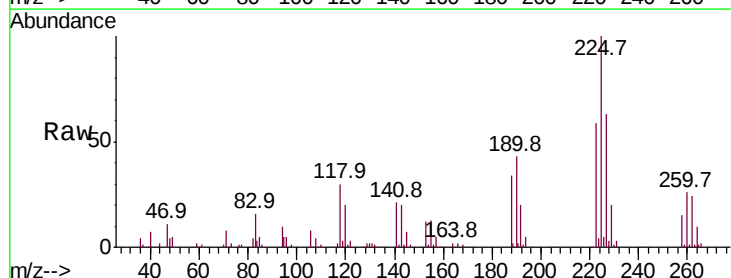
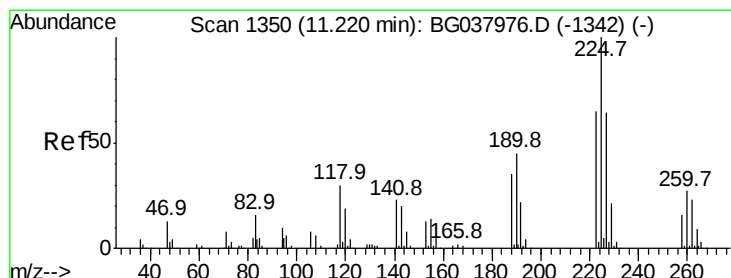
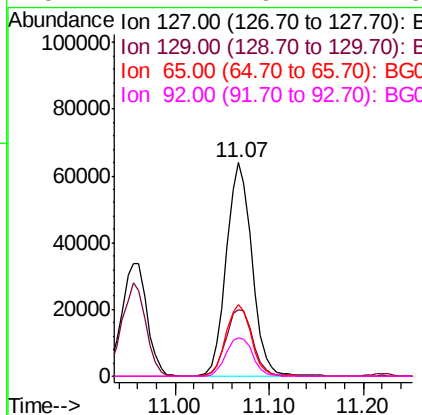
#33
4-Chloroaniline
Concen: 26.519 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampled :
PB114894BS

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.1	27.1	40.7
65	33.4	26.6	39.8
92	17.7	16.4	24.6

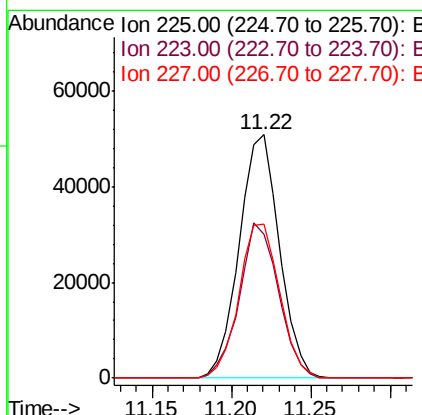
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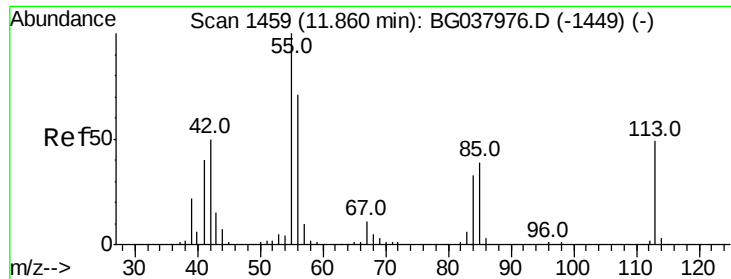
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#34
Hexachlorobutadiene
Concen: 40.192 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	59.9	48.2	72.4
227	63.0	51.6	77.4





#35

Caprolactam

Concen: 28.284 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

PB114894BS

Tot Ion:113 Resp: 36567

Ion Ratio Lower Upper

113 100

55 209.2 176.6 216.6

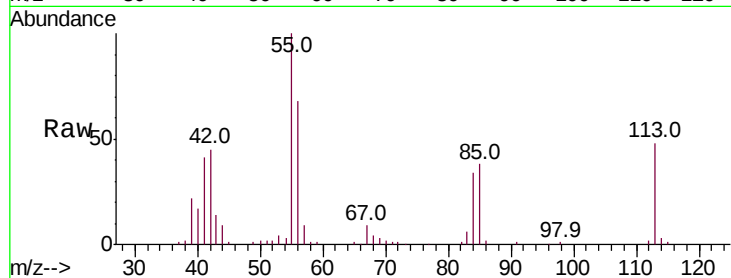
56 142.1 128.3 168.3

Manual Integrations

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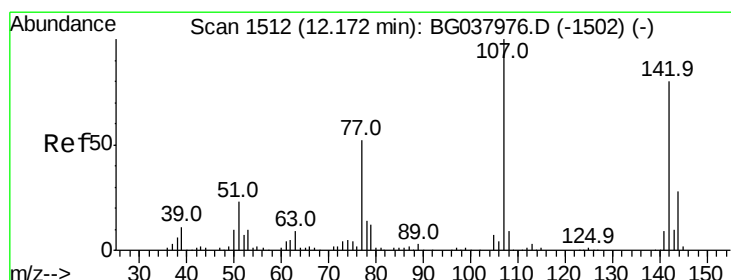
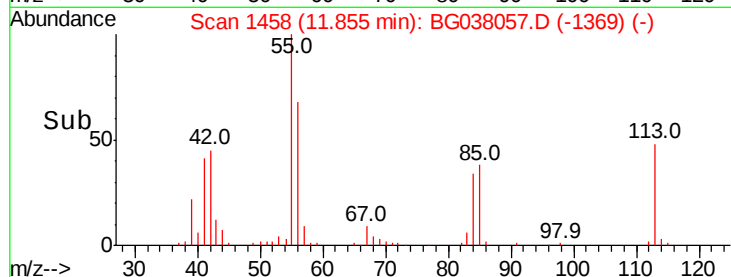
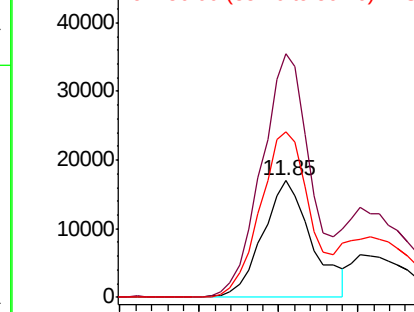
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.020 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

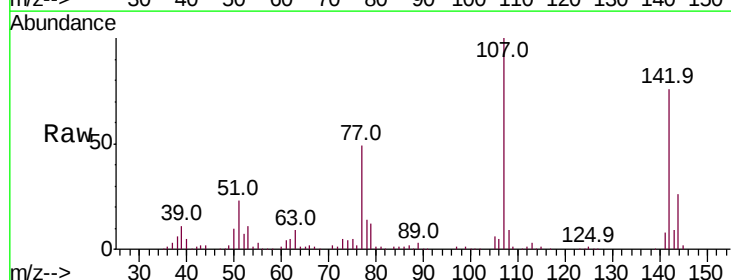
Tgt Ion:107 Resp: 162390

Ion Ratio Lower Upper

107 100

144 25.7 20.7 31.1

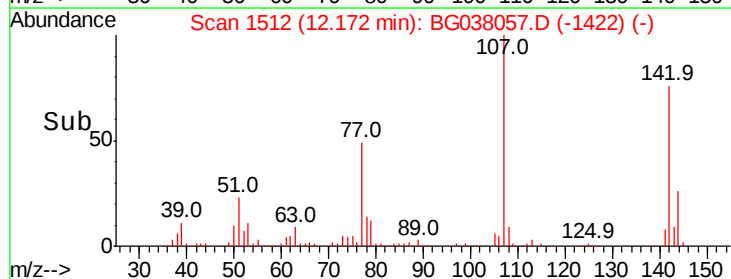
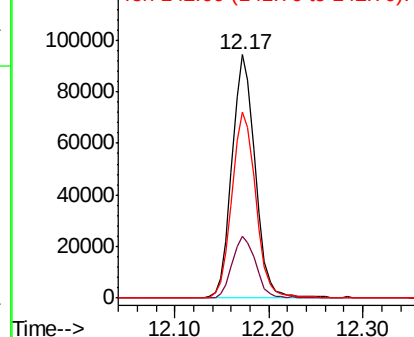
142 76.2 64.4 96.6

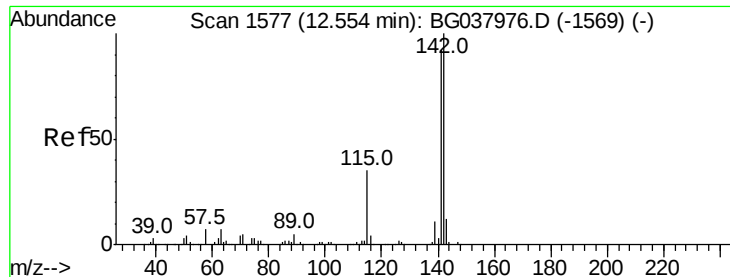


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





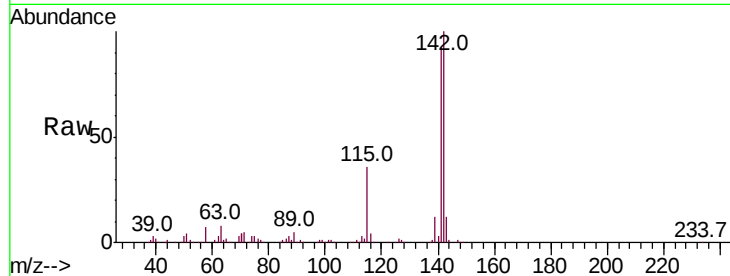
#37
2-Methylnaphthalene
Concen: 46.650 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampled :
PB114894BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.9	107.9
115	36.4	27.8	41.8

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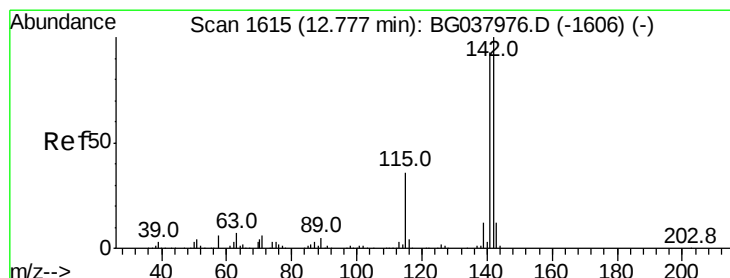
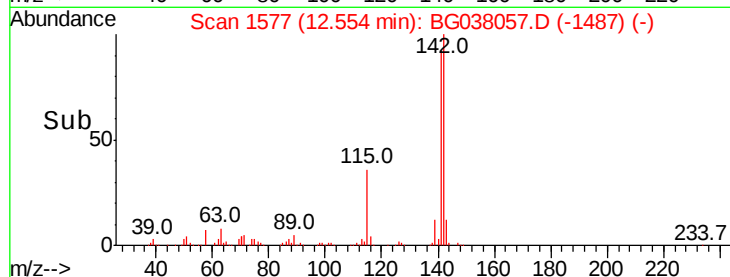
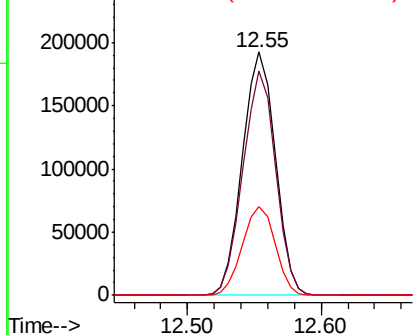


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.134 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

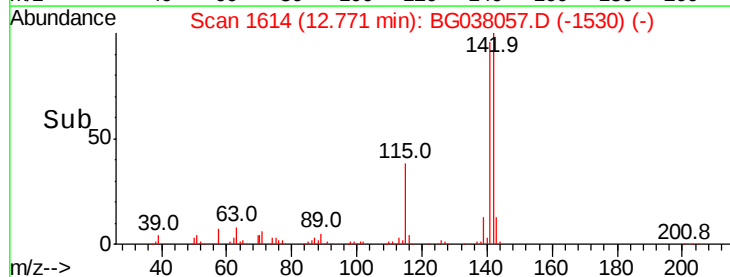
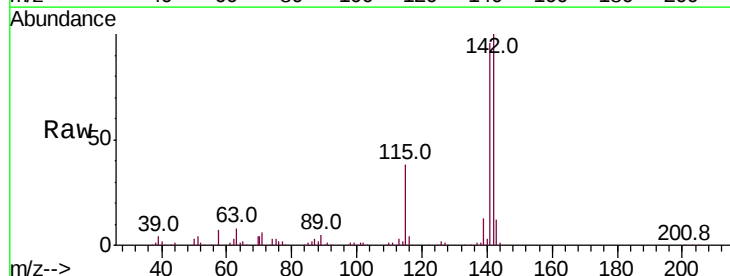
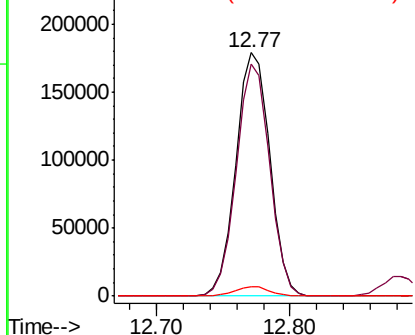
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.2	112.8
116	4.0	3.3	4.9

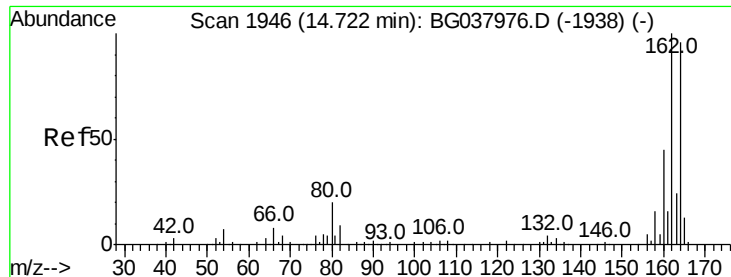
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





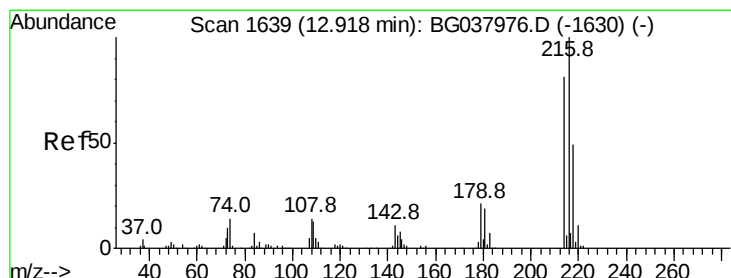
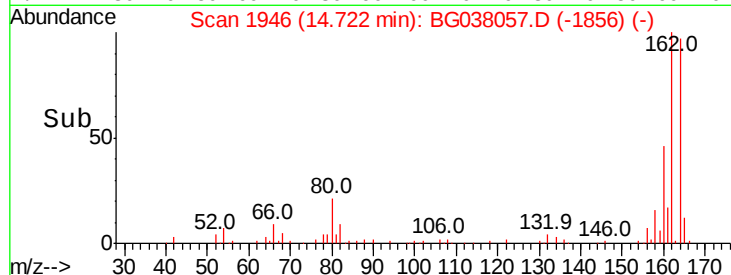
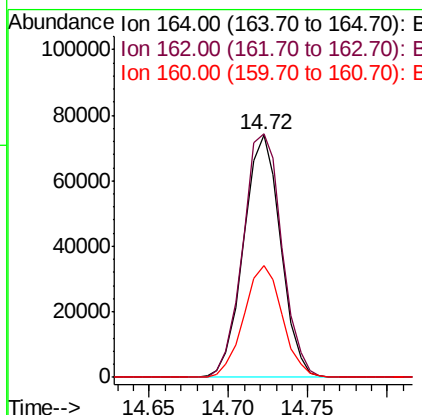
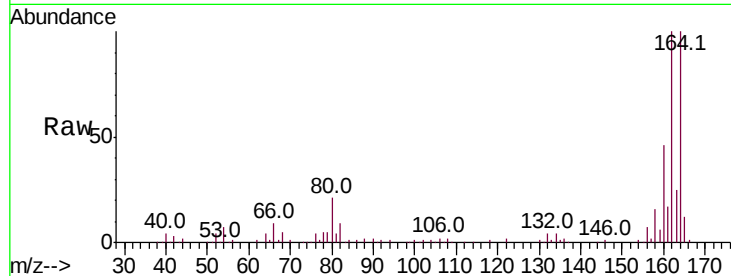
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	46.0	36.3	54.5

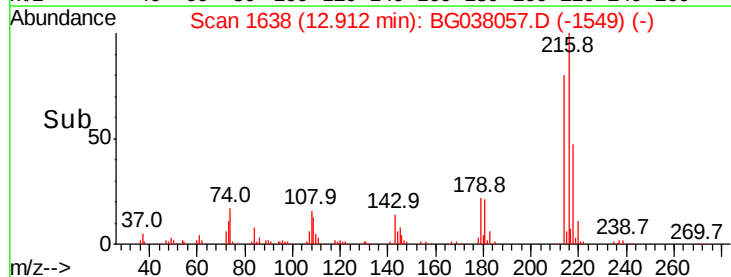
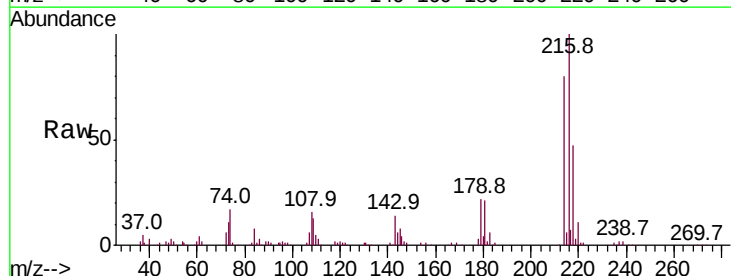
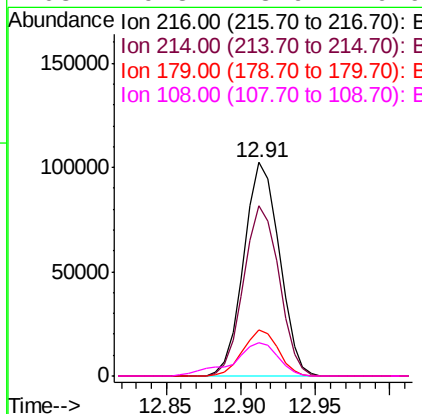
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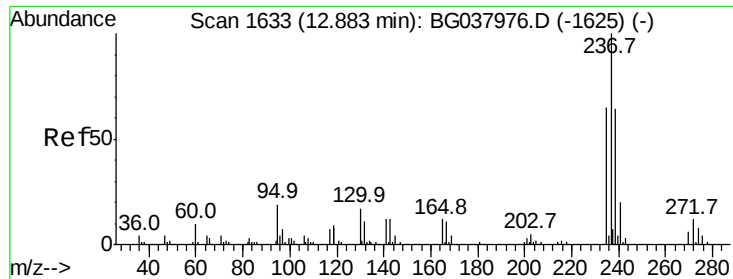
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.139 ng
RT: 12.91 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	21.3	17.4	26.0
108	19.8	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 100.641 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

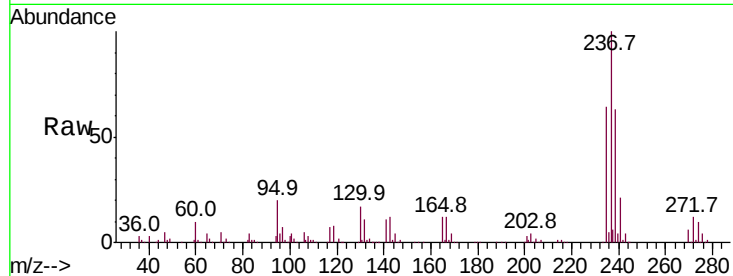
ClientSampleId :

PB114894BS

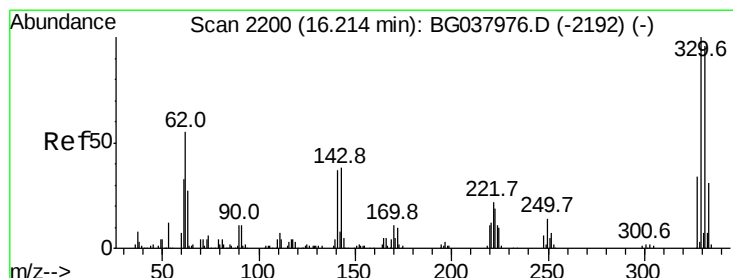
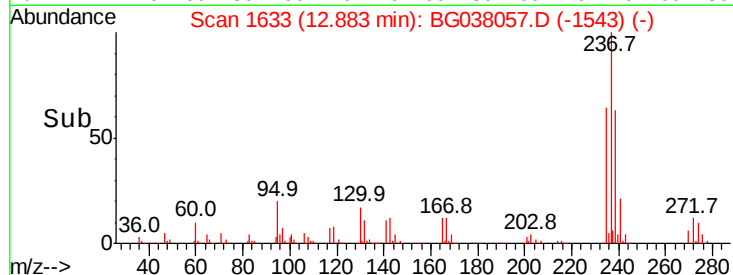
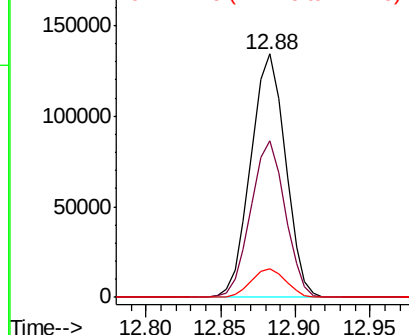
Tot Ion:	237	Resp:	216227
Ion Ratio	Lower	Upper	
237	100		
235	64.3	42.5	82.5
272	11.7	0.0	31.6

Manual Integrations
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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: 131.480 ng

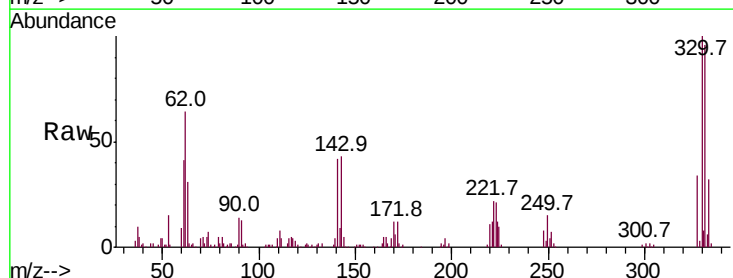
RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

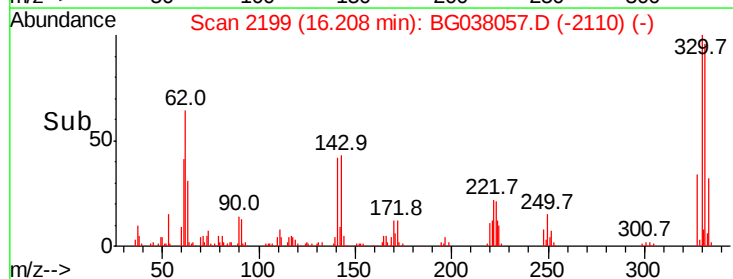
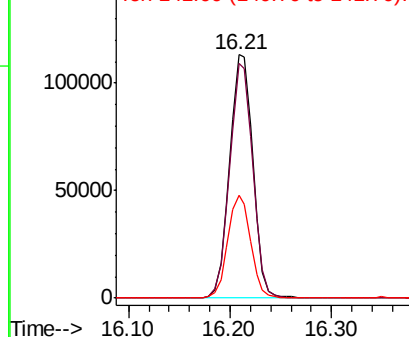
Lab File: BG038057.D

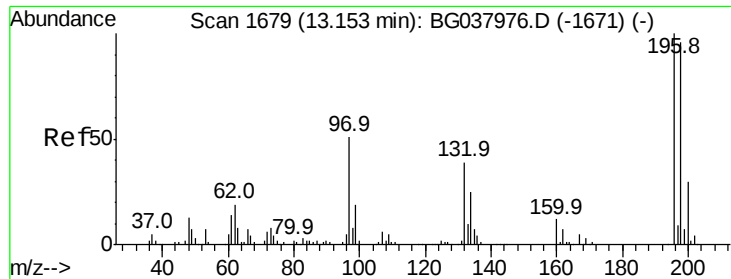
Acq: 17 Nov 2018 6:27

Tgt Ion:	330	Resp:	180051
Ion Ratio	Lower	Upper	
330	100		
332	95.7	78.4	117.6
141	41.6	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





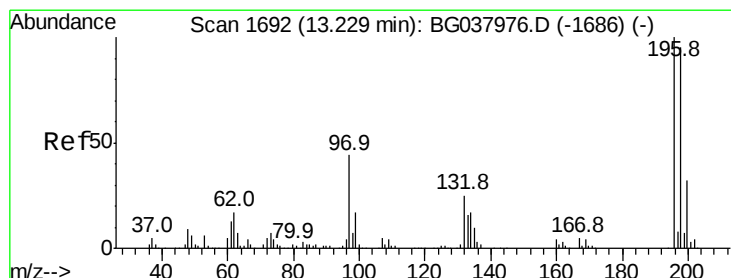
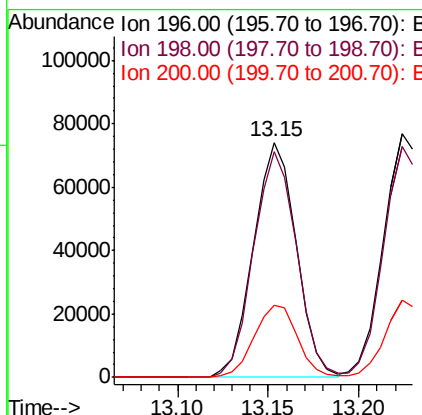
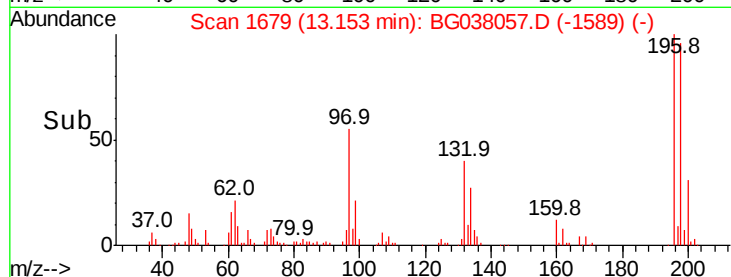
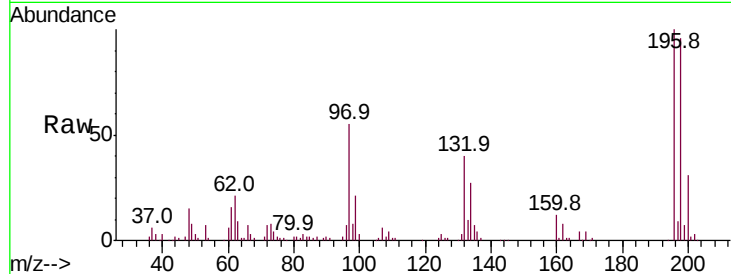
#43
 2,4,6-Trichlorophenol
 Concen: 44.429 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Instrument :
 BNA_G
 ClientSampleID :
 PB114894BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	121475		
198	96.0	76.4	114.6	
200	30.9	24.9	37.3	

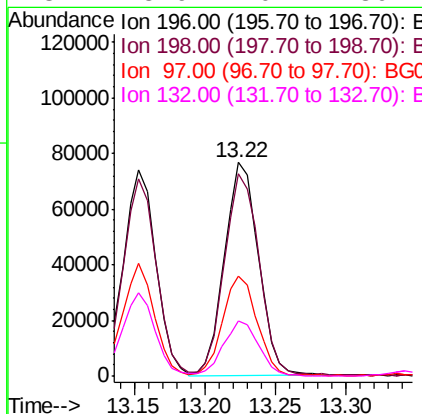
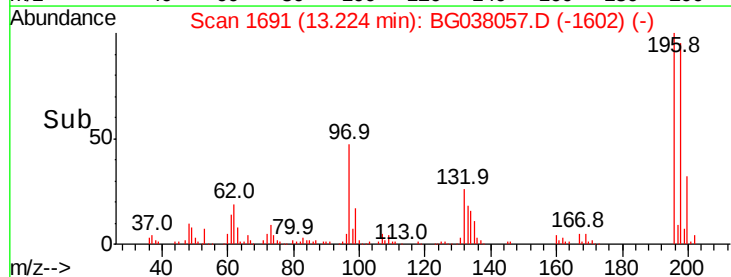
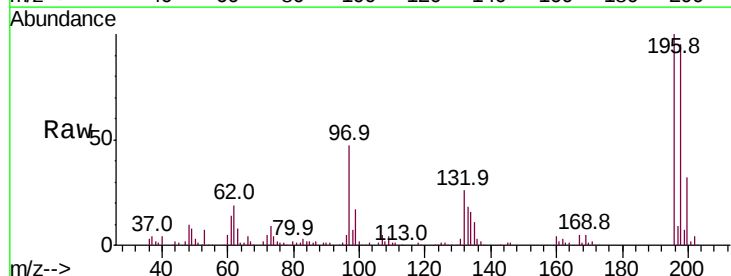
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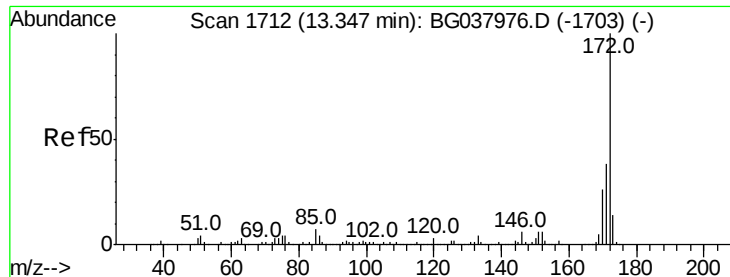
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 44.969 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129369		
198	94.6	74.2	111.2	
97	46.8	34.1	51.1	
132	25.9	20.2	30.4	





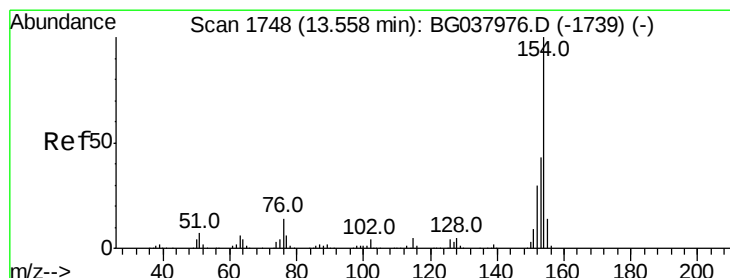
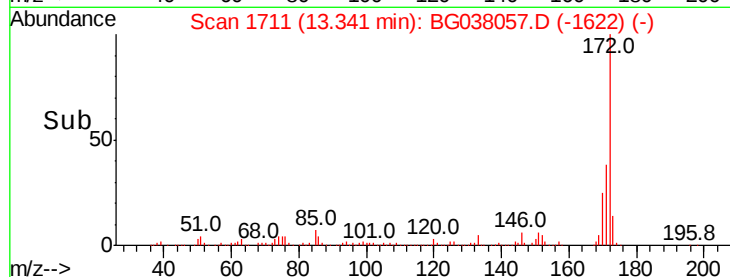
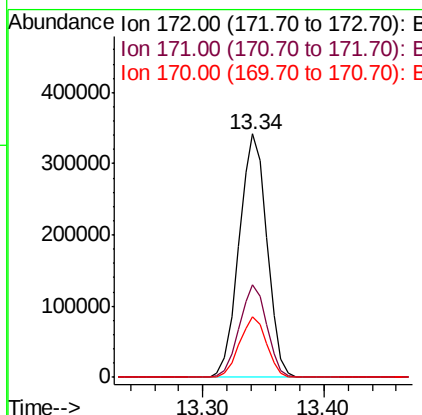
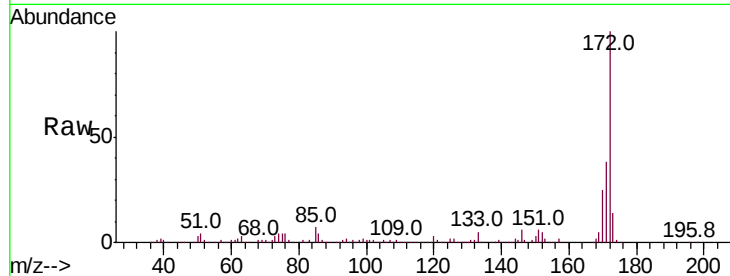
#45
2-Fluorobiphenyl
Concen: 66.546 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.3	31.0	46.4	
170	24.8	20.2	30.2	

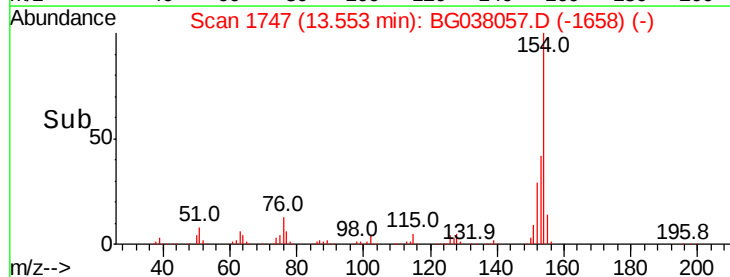
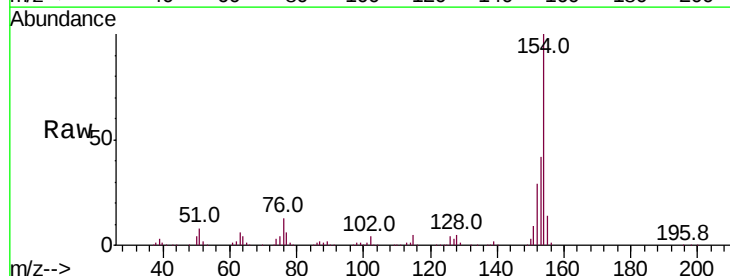
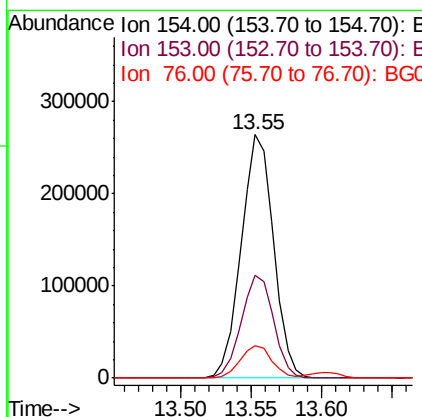
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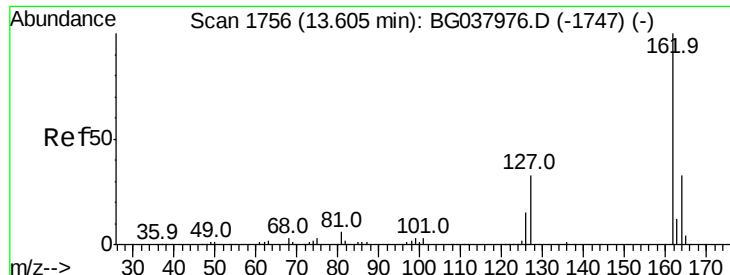
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#46
1,1'-Biphenyl
Concen: 41.829 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.2	22.1	62.1	
76	13.5	0.0	33.2	





#47

2-Chloronaphthalene

Concen: 43.352 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

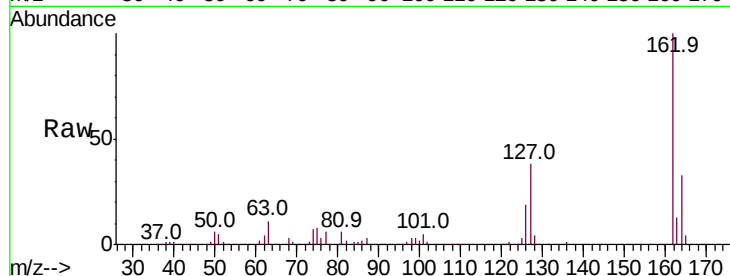
ClientSampleId :

PB114894BS

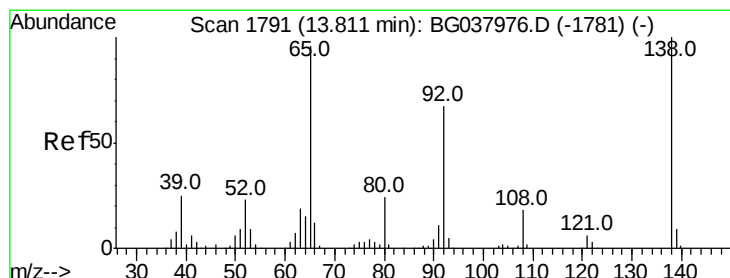
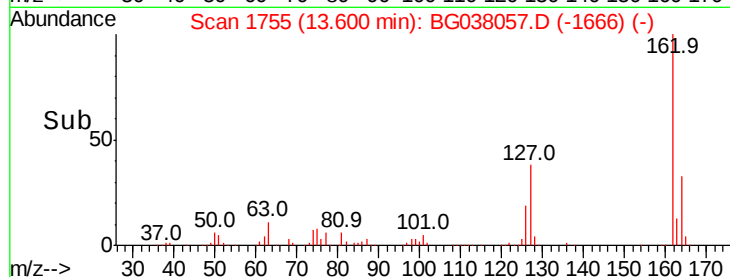
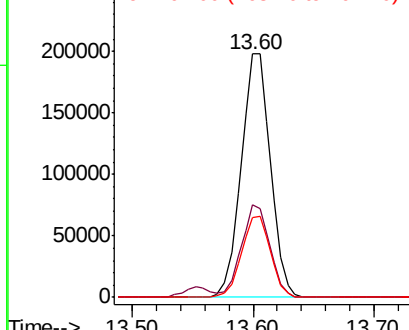
Tot Ion:	162	Resp:	333706
Ion Ratio	Lower	Upper	
162	100		
127	37.8	30.5	45.7
164	32.8	26.4	39.6

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 46.634 ng

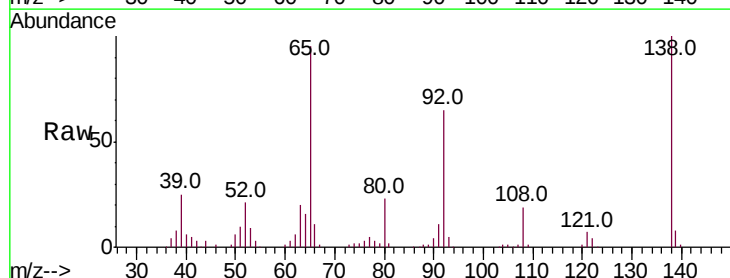
RT: 13.81 min Scan# 1791

Delta R.T. 0.00 min

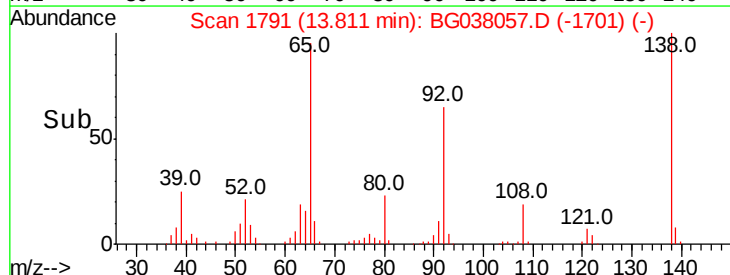
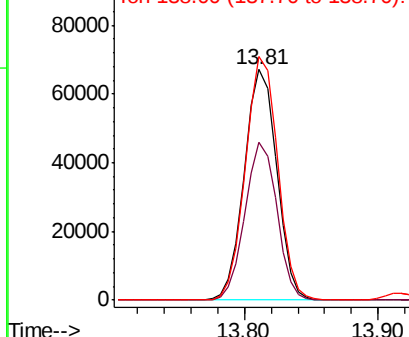
Lab File: BG038057.D

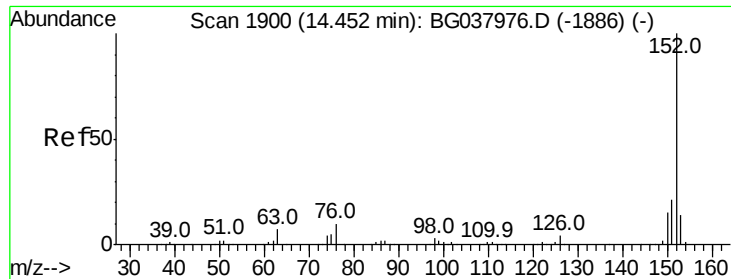
Acq: 17 Nov 2018 6:27

Tgt Ion:	65	Resp:	112980
Ion Ratio	Lower	Upper	
65	100		
92	68.6	53.2	79.8
138	105.6	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.493 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

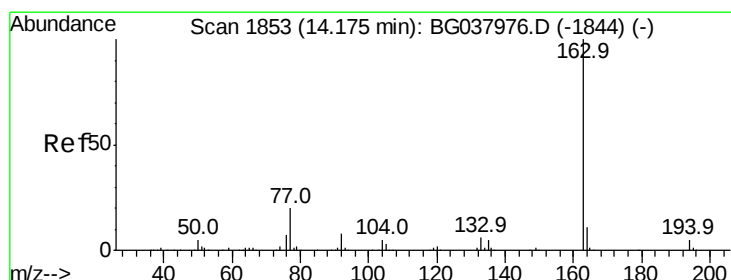
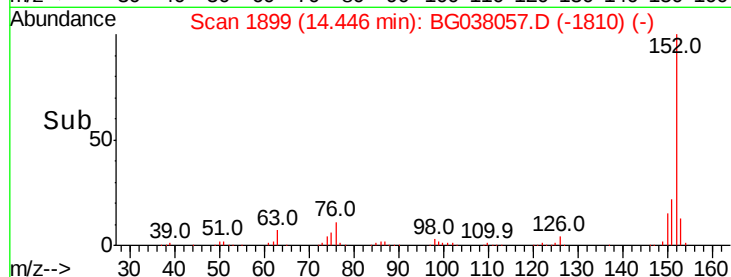
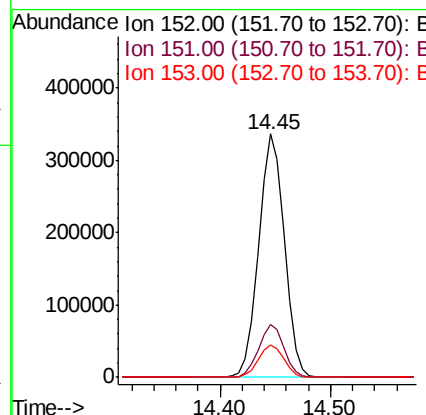
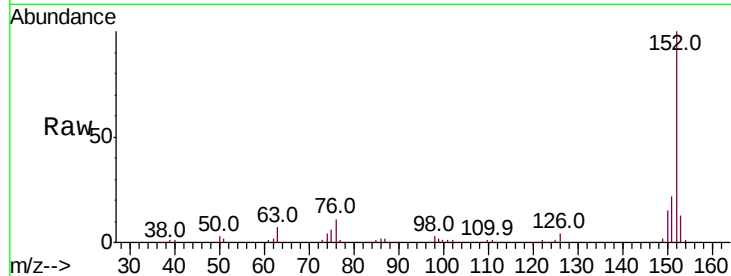
ClientSampleId :

PB114894BS

Tot Ion:	152	Resp:	549759
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.1	25.7
153	13.3	11.1	16.7

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#50

Dimethylphthalate

Concen: 44.215 ng

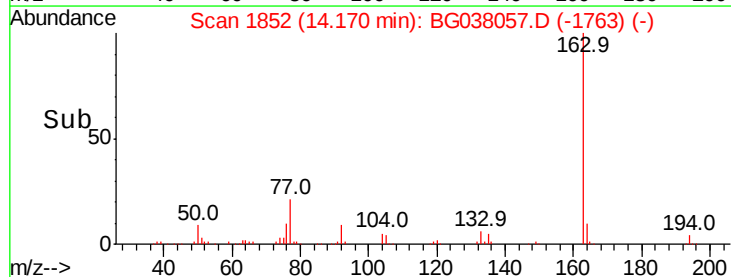
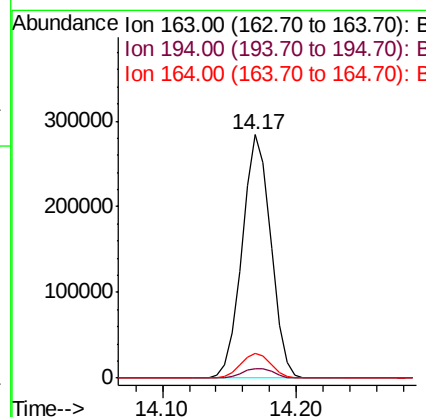
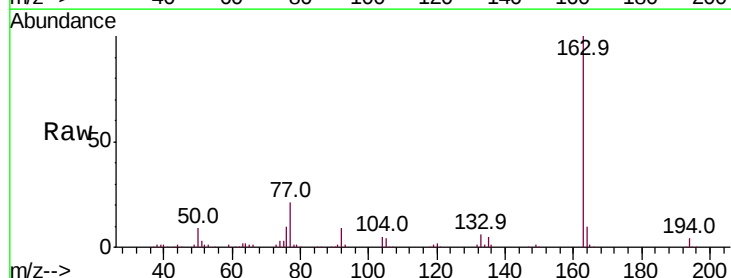
RT: 14.17 min Scan# 1852

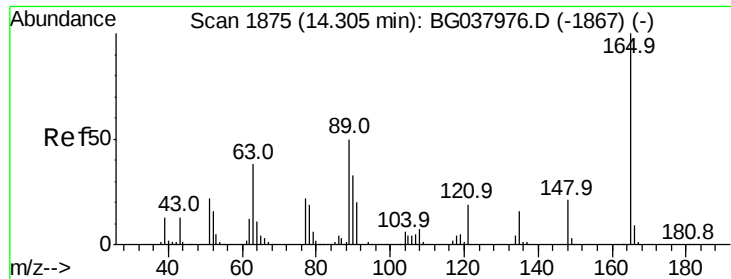
Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion:	163	Resp:	420889
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.5	5.3
164	10.4	8.5	12.7





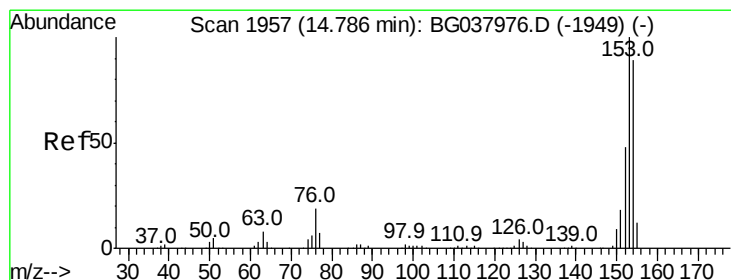
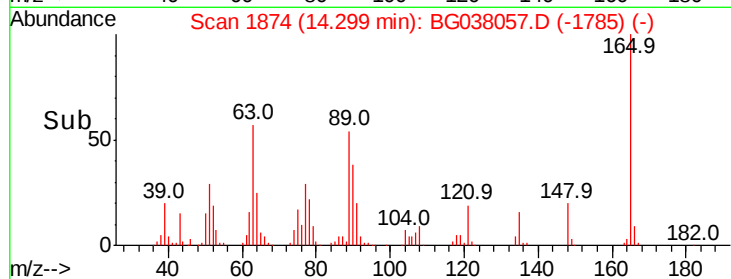
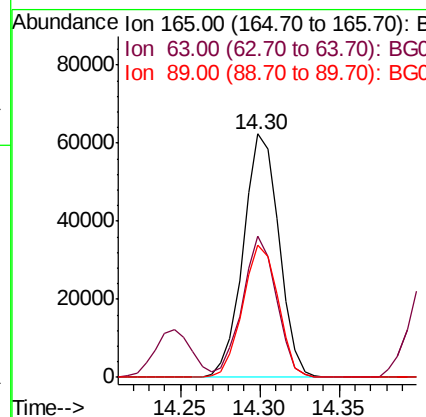
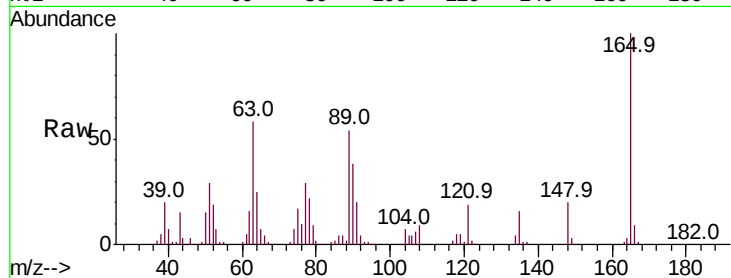
#51
2,6-Dinitrotoluene
Concen: 45.179 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampled :
PB114894BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	57.8	43.4	65.2
89	54.2	45.8	68.6

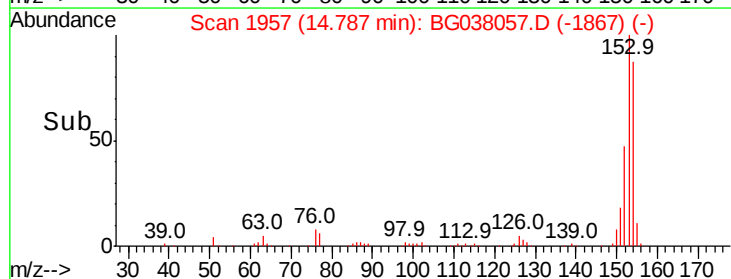
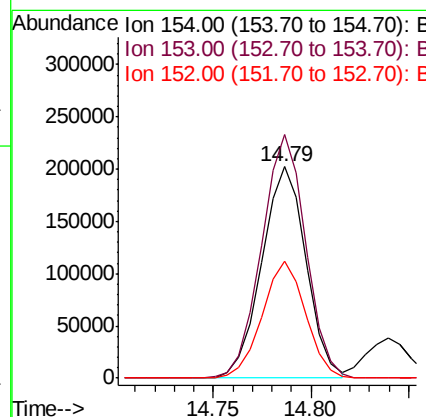
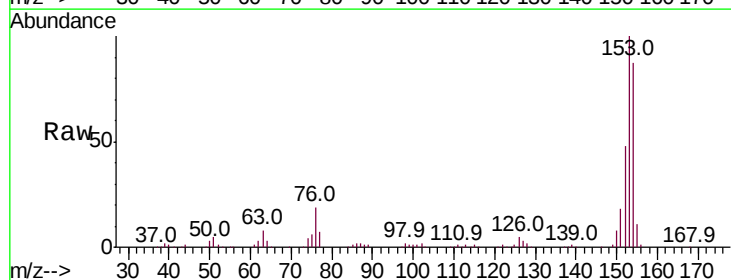
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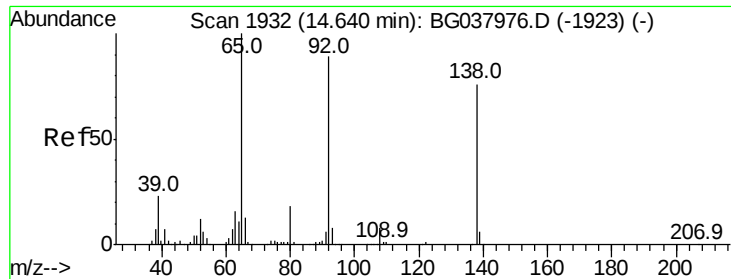
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#52
Acenaphthene
Concen: 45.477 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.3	93.4	140.0
152	55.2	44.7	67.1





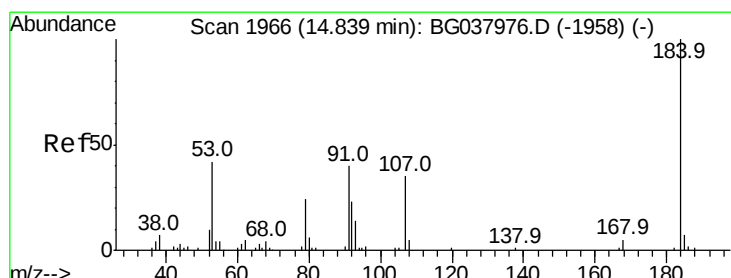
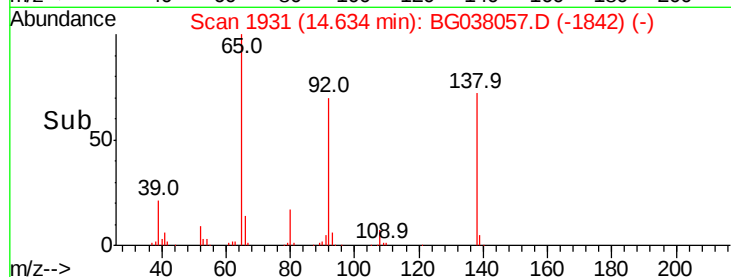
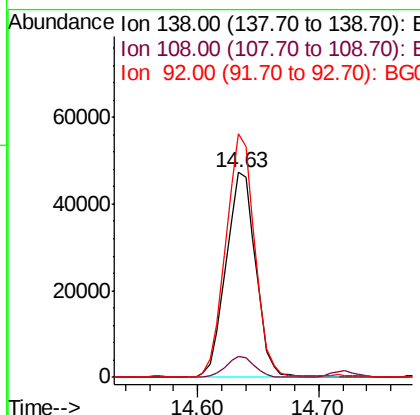
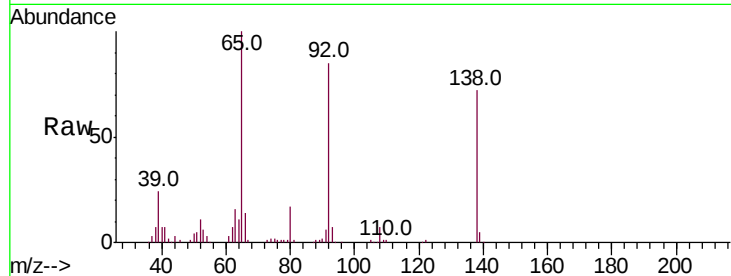
#53
3-Nitroaniline
Concen: 33.965 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion:138 Resp: 80745
Ion Ratio Lower Upper
138 100
108 10.1 11.0 16.6#
92 118.8 95.2 142.8

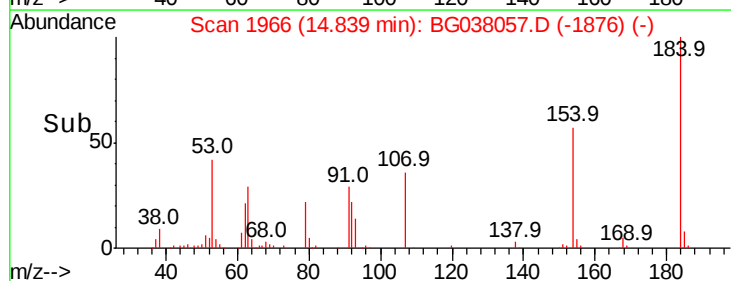
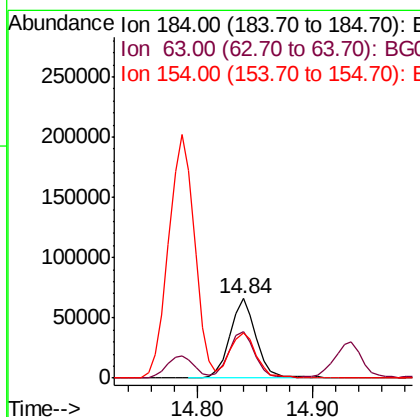
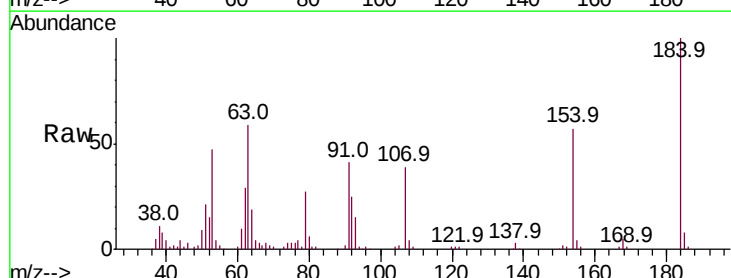
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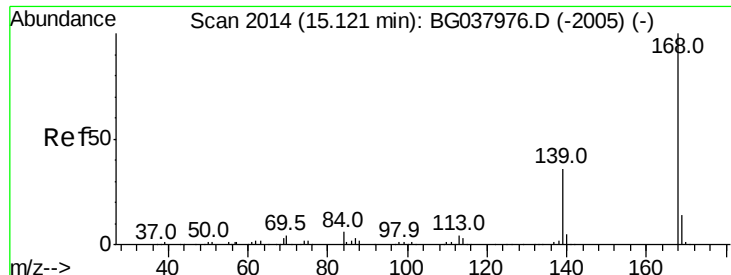
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#54
2,4-Dinitrophenol
Concen: 88.162 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion:184 Resp: 103758
Ion Ratio Lower Upper
184 100
63 59.1 42.6 63.8
154 57.4 41.8 62.6





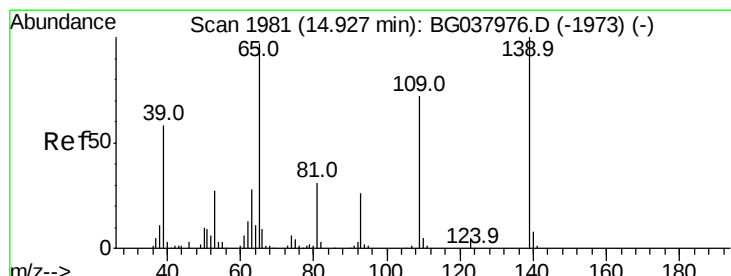
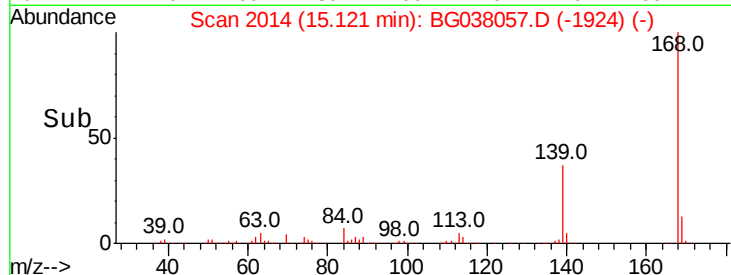
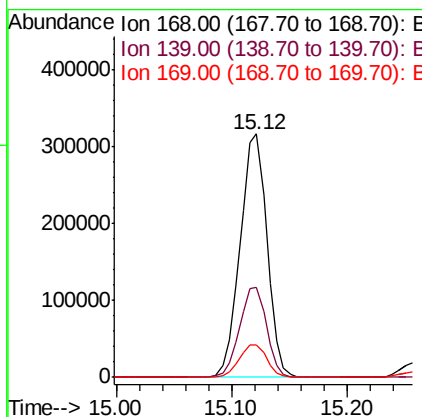
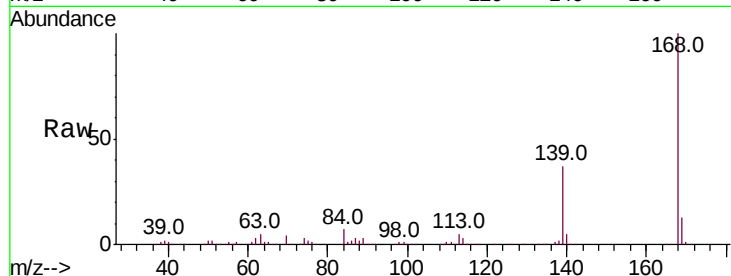
#55
Dibenzofuran
Concen: 44.198 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.4	44.0
169	13.5	11.0	16.6

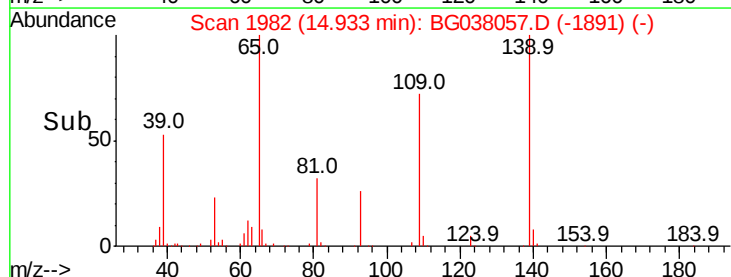
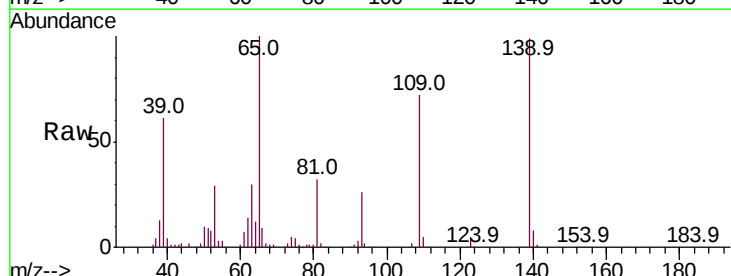
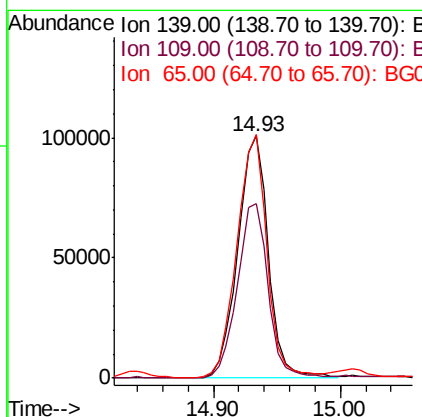
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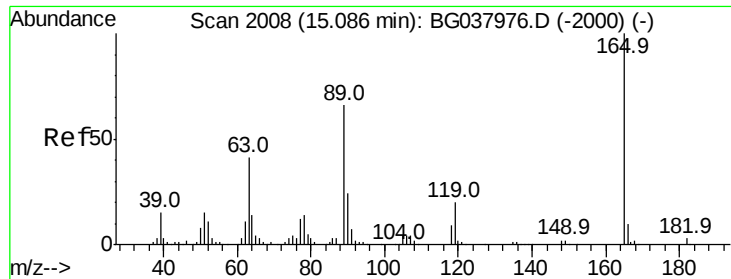
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#56
4-Nitrophenol
Concen: 91.780 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	49.5	89.5
65	100.7	76.8	116.8





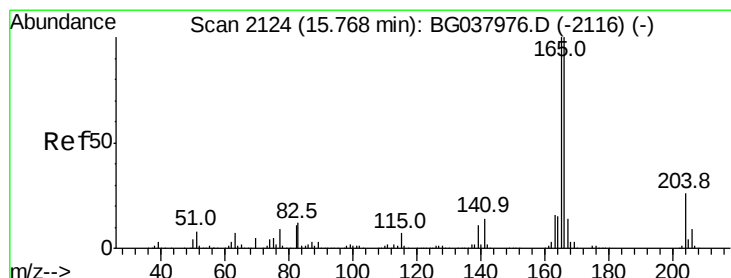
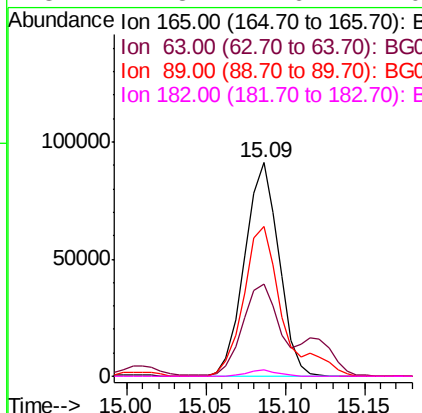
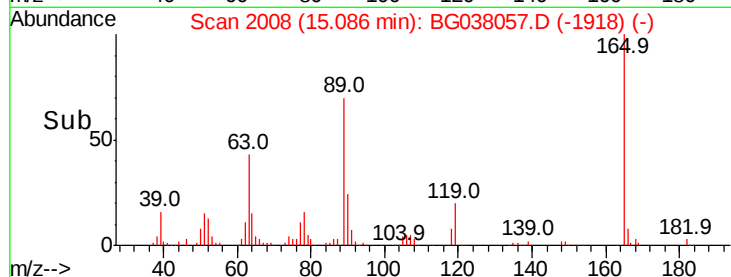
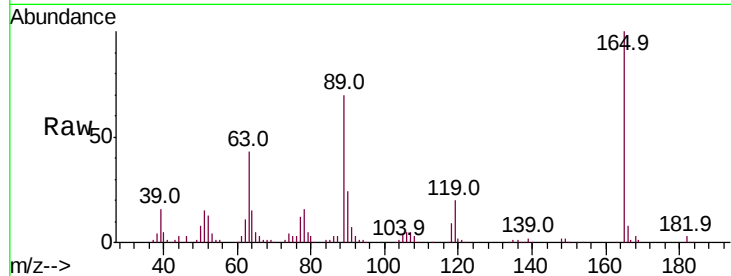
#57
2,4-Dinitrotoluene
Concen: 46.642 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.4	33.4	50.0
89	70.0	57.2	85.8
182	2.8	2.6	4.0

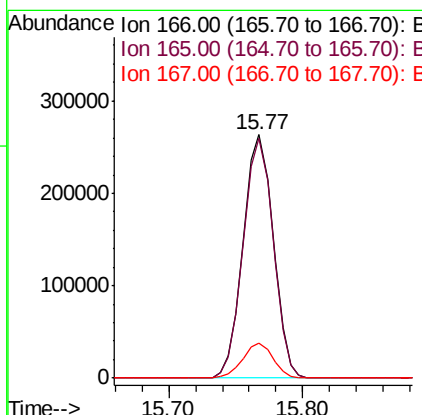
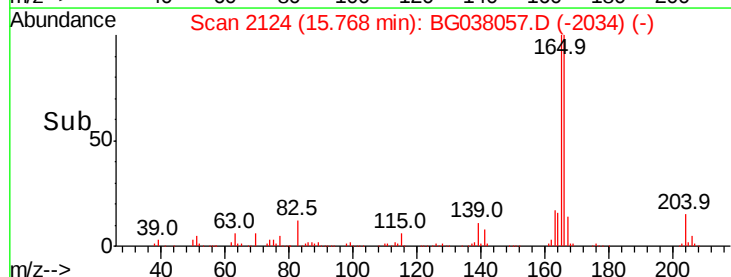
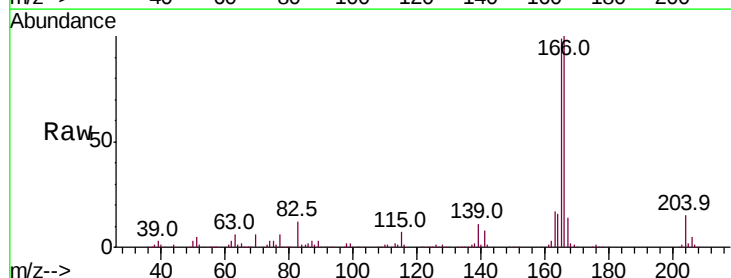
Manual Integrations
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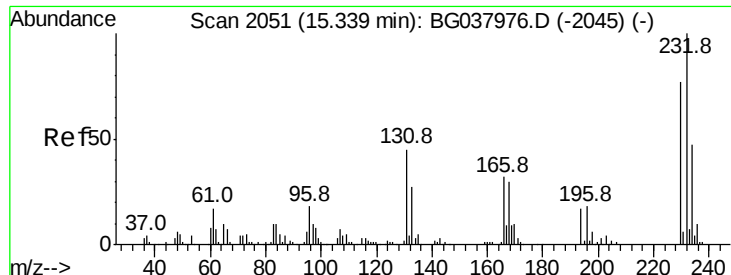
Sohil
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#58
Fluorene
Concen: 47.896 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.5	79.0	118.6
167	14.3	11.3	16.9





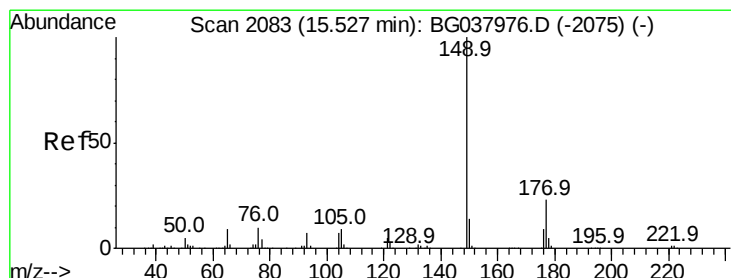
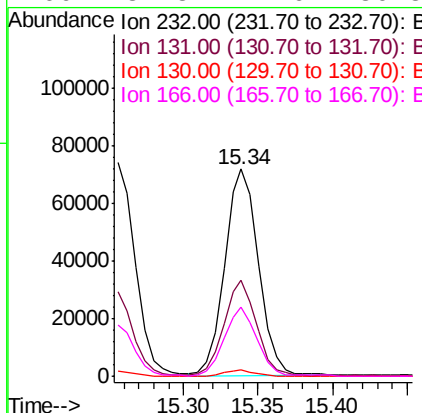
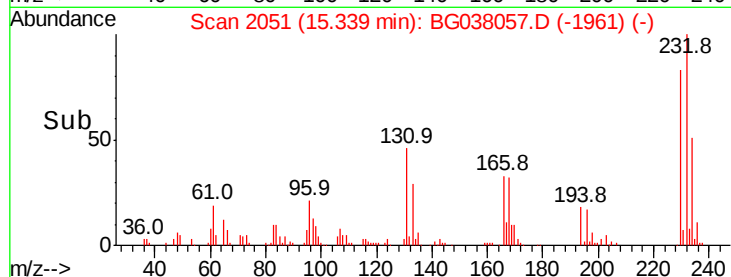
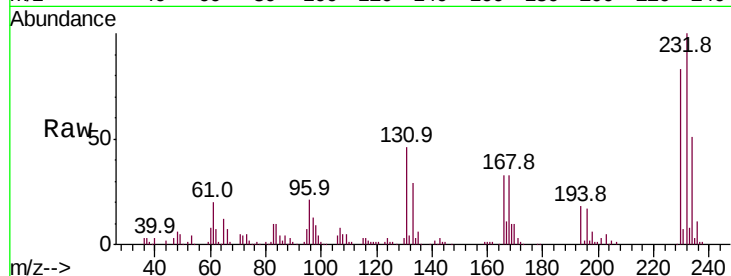
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.249 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Instrument :
 BNA_G
 ClientSampleId :
 PB114894BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	33.7	50.5
130	2.6	2.1	3.1
166	32.8	24.6	36.8

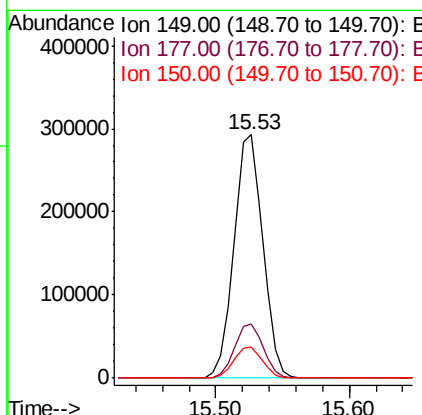
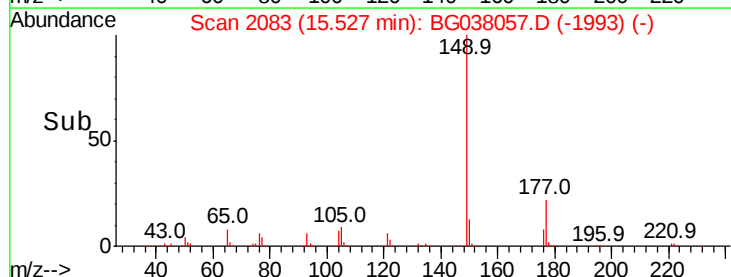
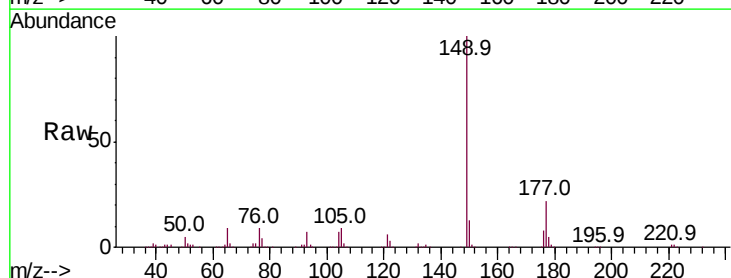
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#60
 Diethylphthalate
 Concen: 43.342 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.3	27.5
150	12.8	10.0	15.0





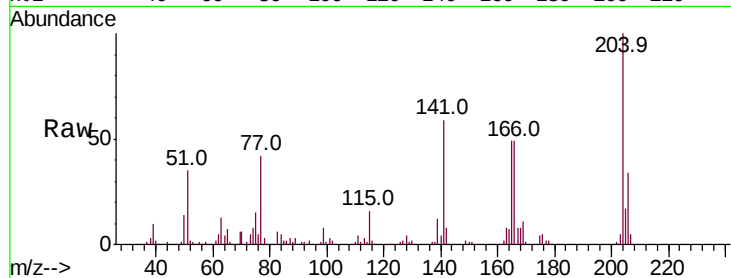
#61
4-Chlorophenyl-phenylether
Concen: 41.488 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	39.8
141	59.3	45.4	68.2

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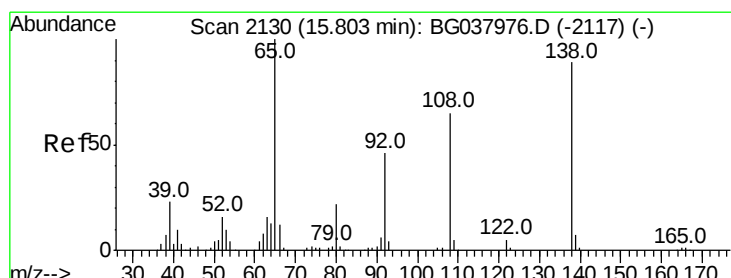
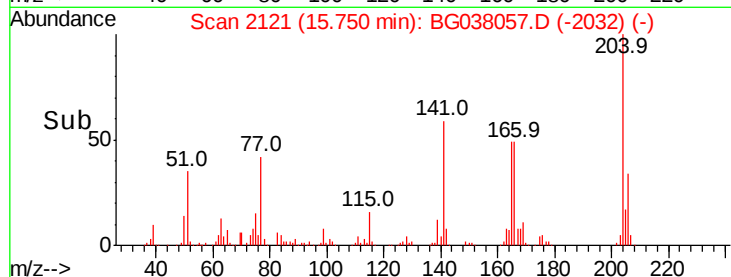
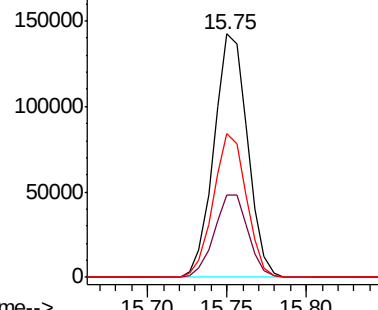


Abundance

Ion 204.00 (203.70 to 204.70): E

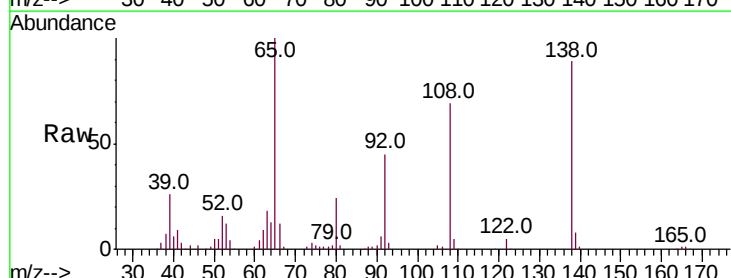
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.620 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	36.4	76.4
108	77.6	60.1	100.1

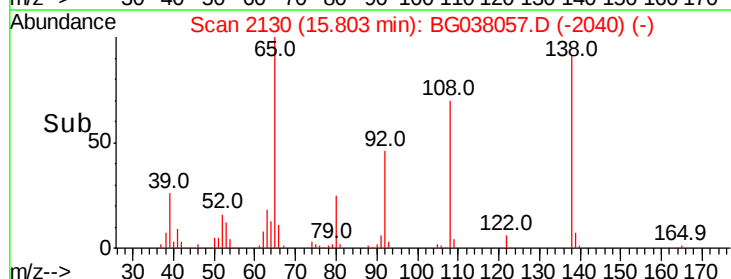
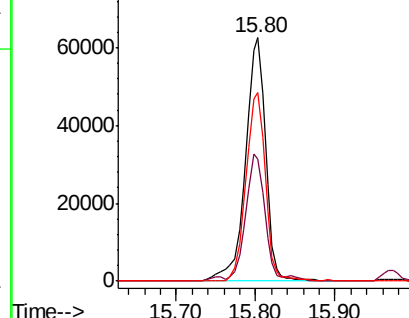


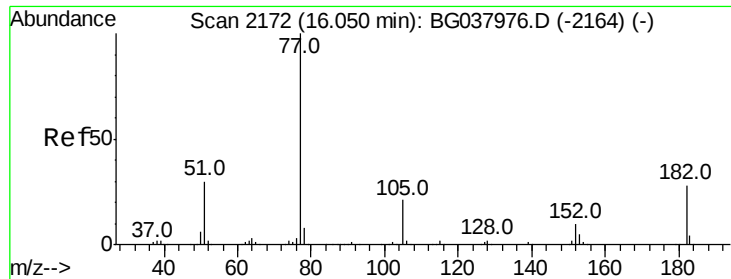
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





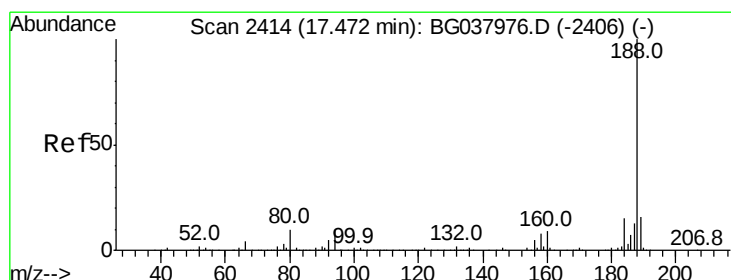
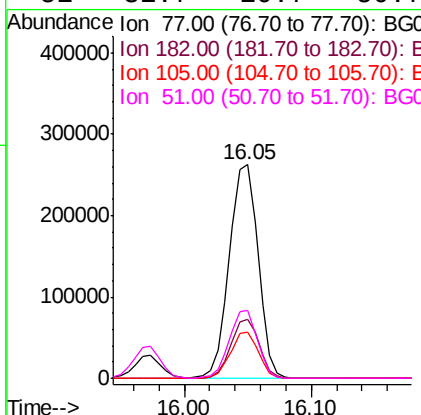
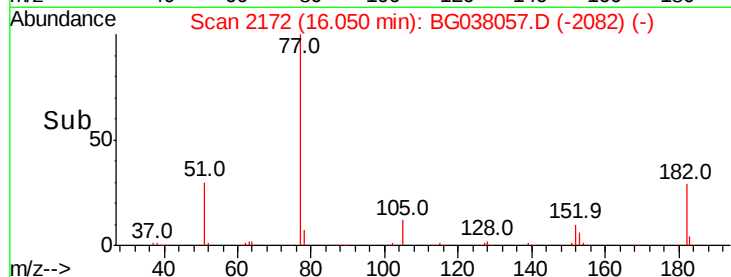
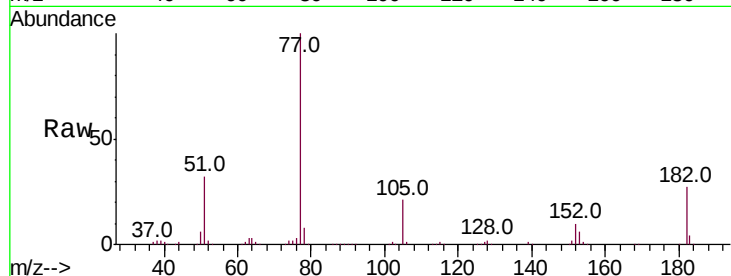
#63
Azobenzene
Concen: 45.475 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		411100		
182	27.4	8.0	48.0		
105	21.4	1.3	41.3		
51	31.7	10.7	50.7		

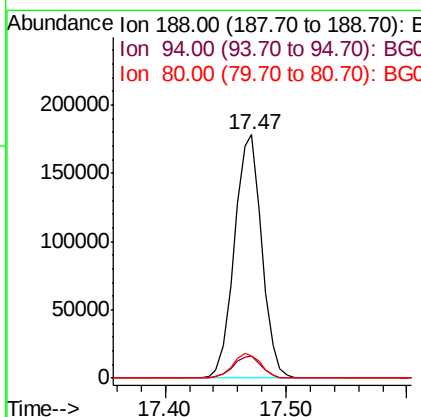
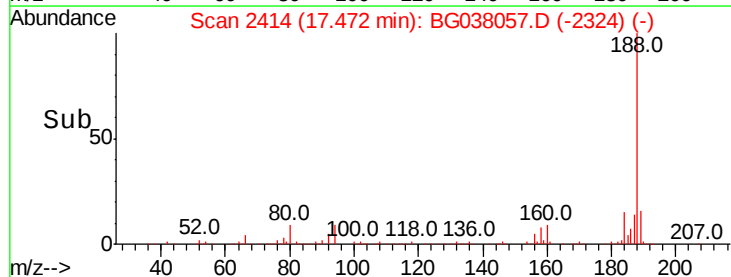
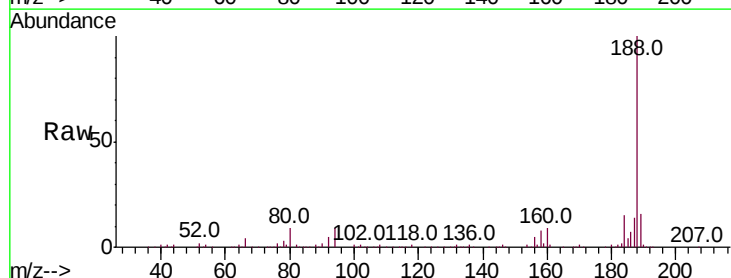
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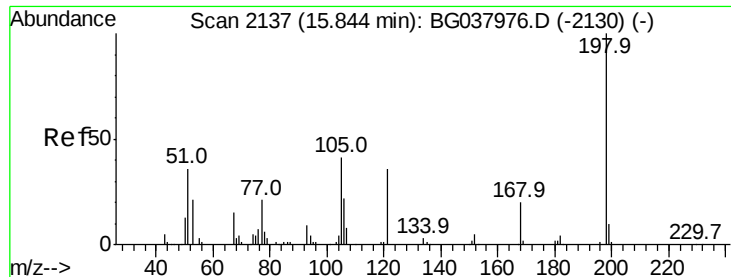
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		279826		
94	9.1	7.2	10.8		
80	9.3	7.7	11.5		





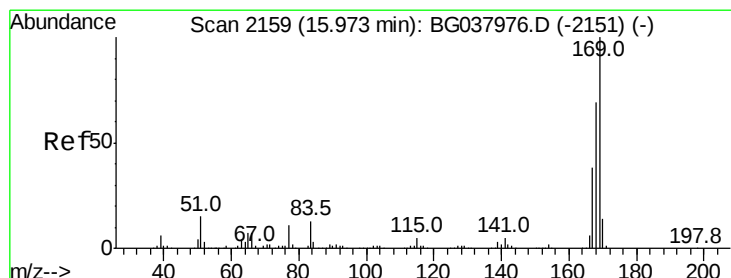
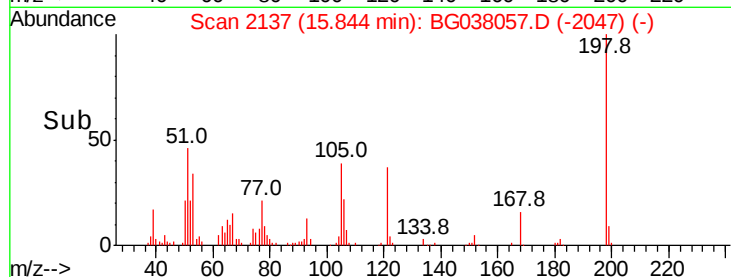
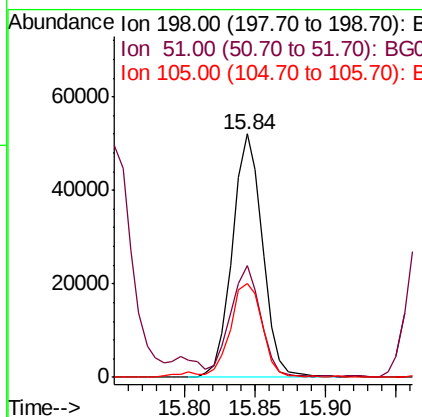
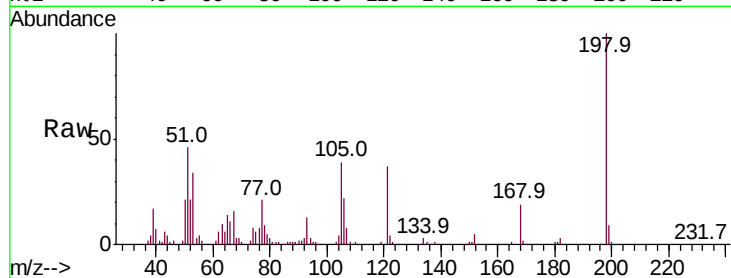
#65
4,6-Dinitro-2-methylphenol
Concen: 43.820 ng
RT: 15.84 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	77557		
51	45.7	22.7	62.7	
105	38.7	19.7	59.7	

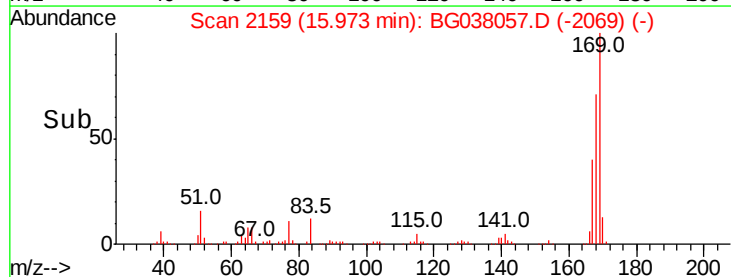
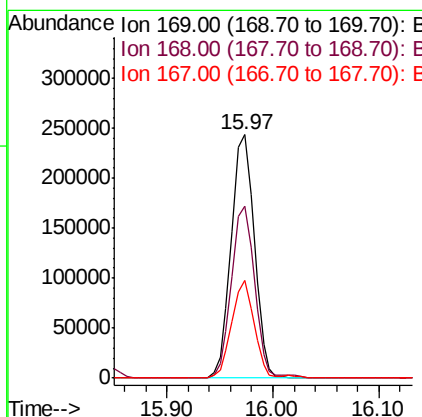
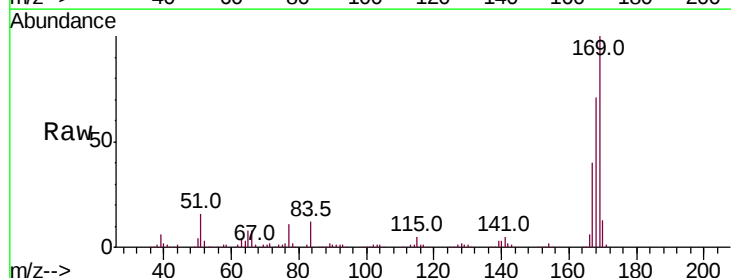
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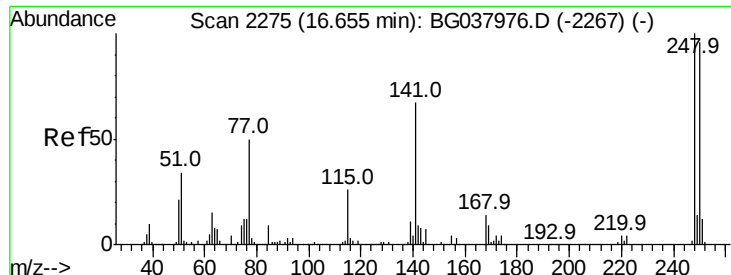
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#66
n-Nitrosodiphenylamine
Concen: 43.574 ng
RT: 15.97 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	368878		
168	70.7	55.7	83.5	
167	40.1	31.3	46.9	





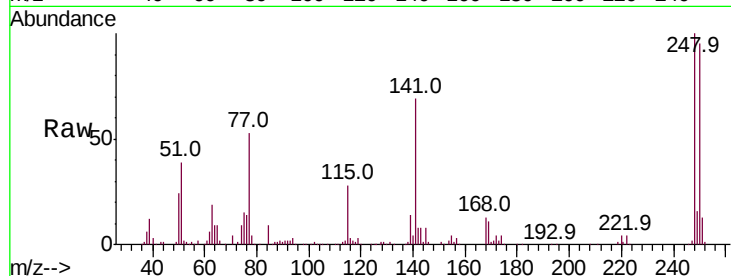
#67
4-Bromophenyl-phenylether
Concen: 42.963 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.0	115.6
141	68.8	55.5	83.3

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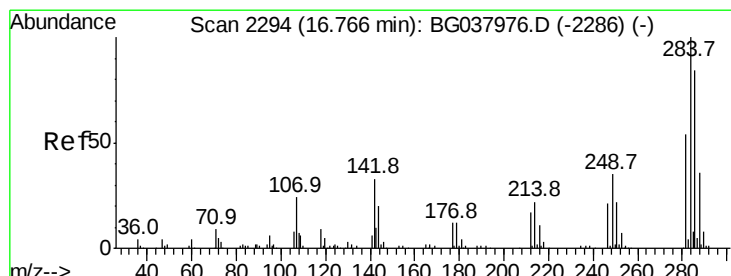
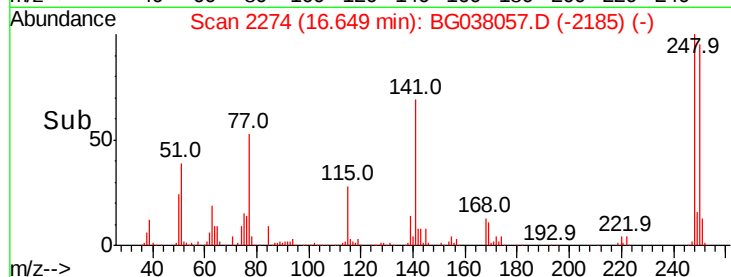
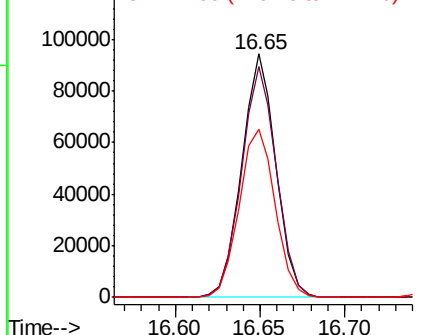


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.588 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

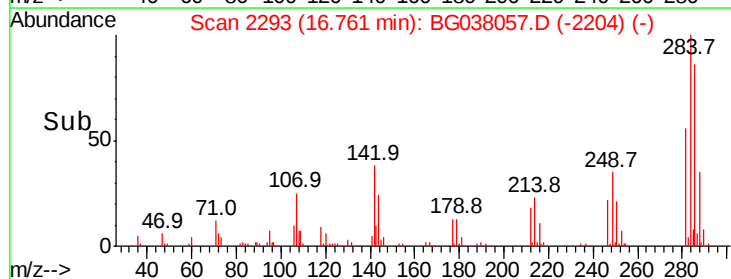
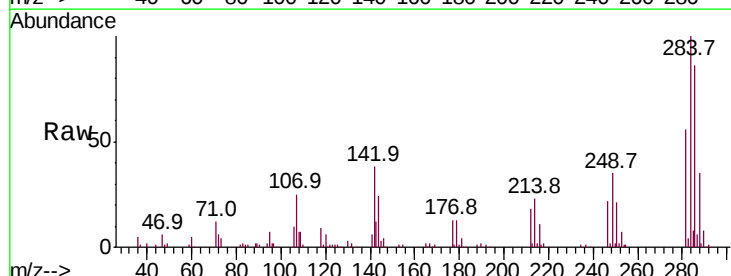
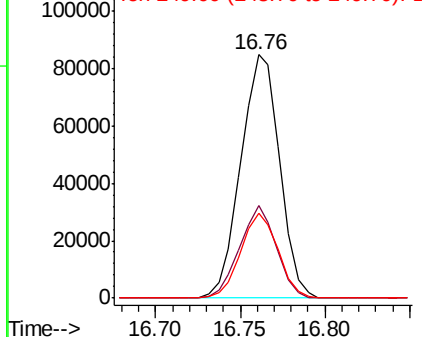
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	28.1	42.1
249	37.3	29.8	44.8

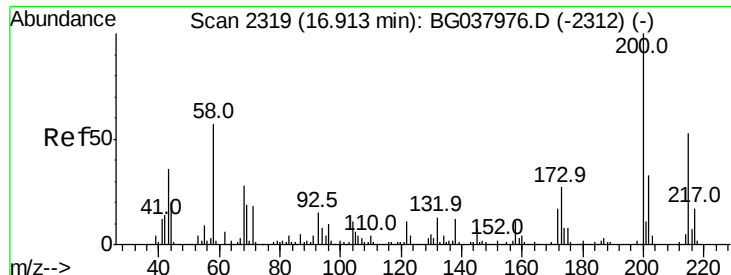
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





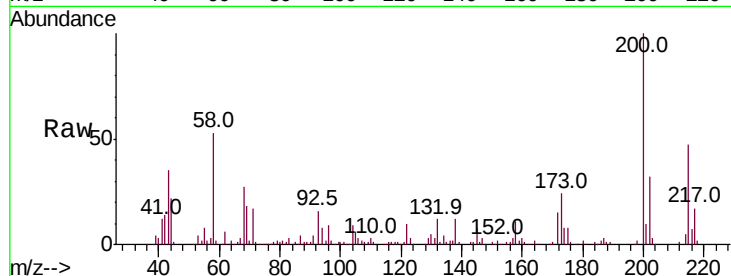
#69
Atrazine
Concen: 44.722 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

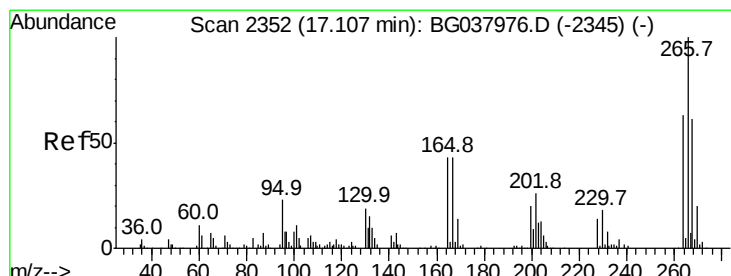
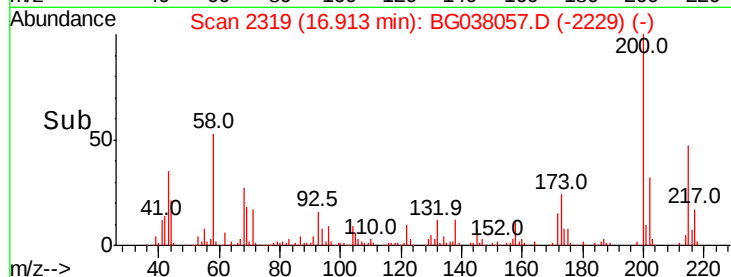
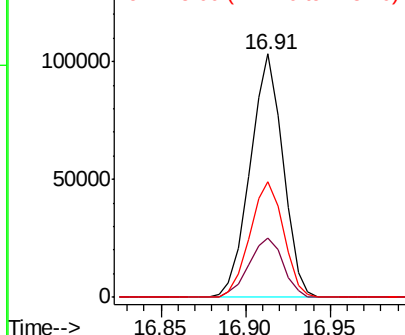
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	6.1	46.1
215	47.5	30.8	70.8

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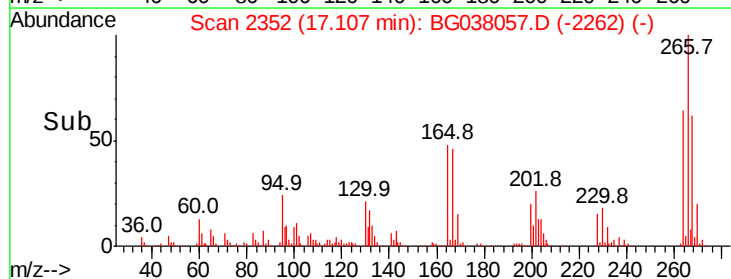
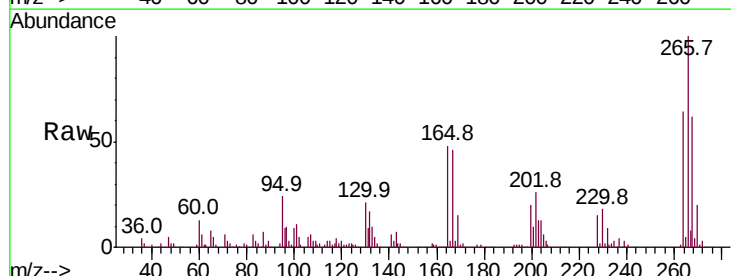
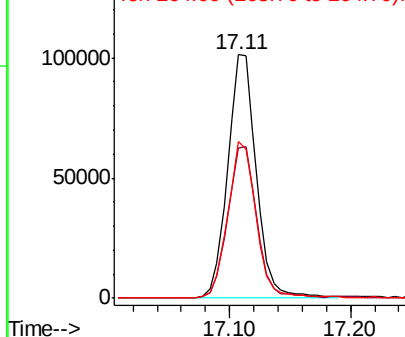
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

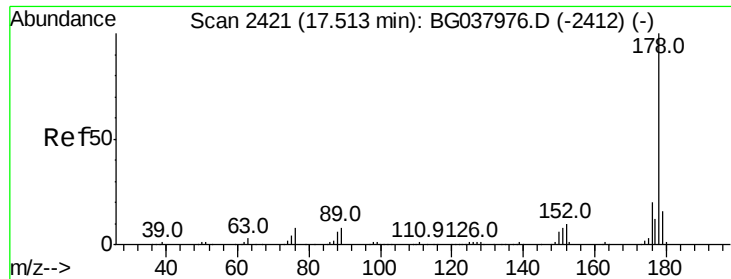


#70
Pentachlorophenol
Concen: 77.791 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.3	55.0	82.6
264	69.1	58.9	88.3

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.035 ng

RT: 17.51 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

PB114894BS

Tot Ion:178 Resp: 673853

Ion Ratio Lower Upper

178 100

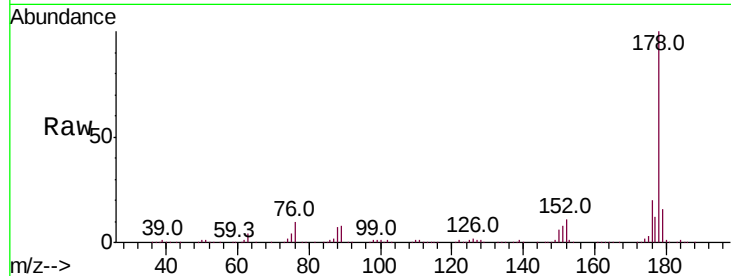
176 20.3 16.1 24.1

179 16.0 13.0 19.4

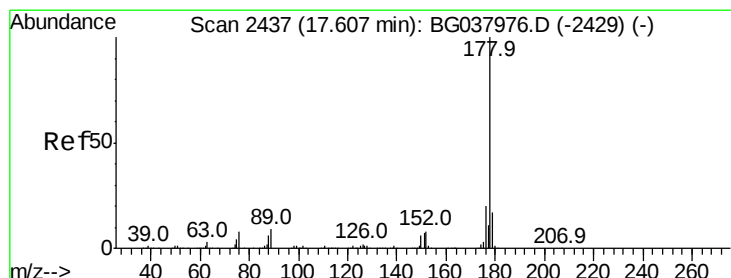
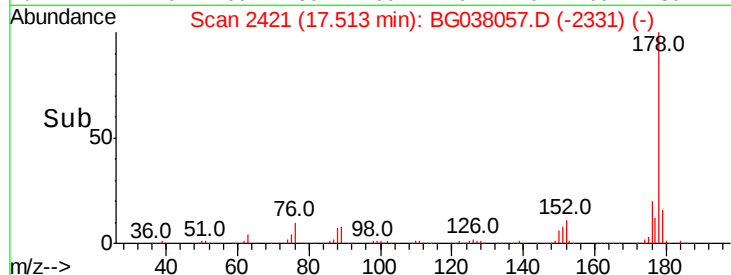
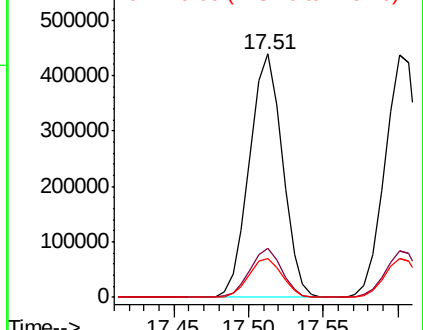
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.739 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

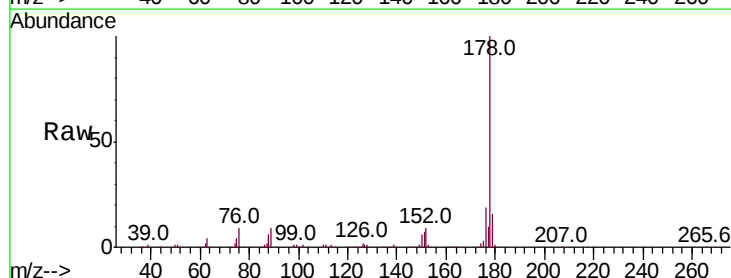
Tgt Ion:178 Resp: 688312

Ion Ratio Lower Upper

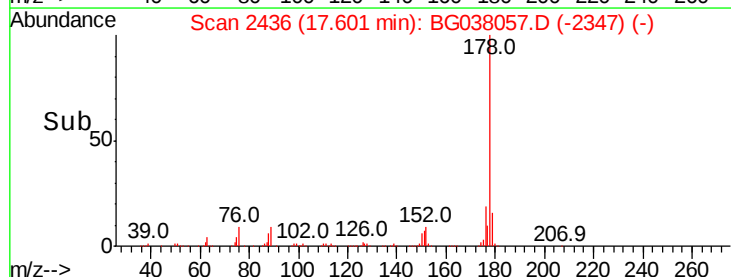
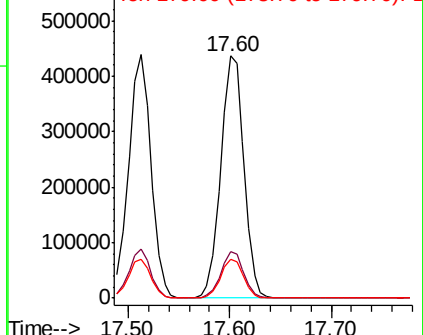
178 100

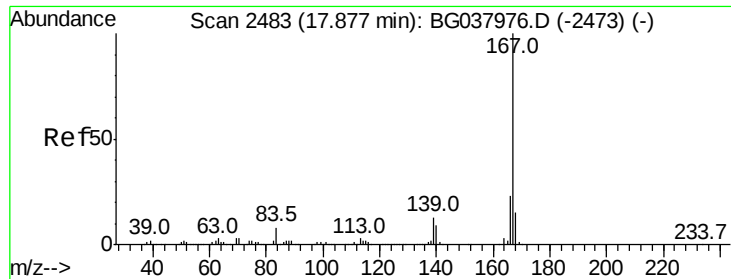
176 19.3 15.0 22.4

179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





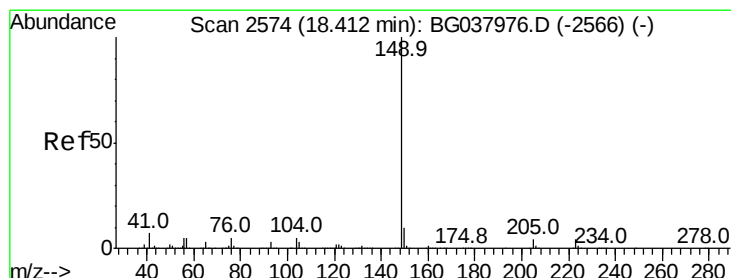
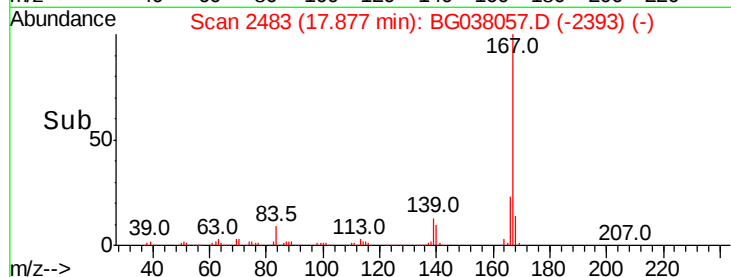
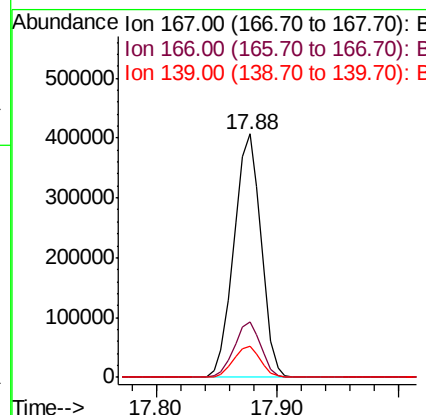
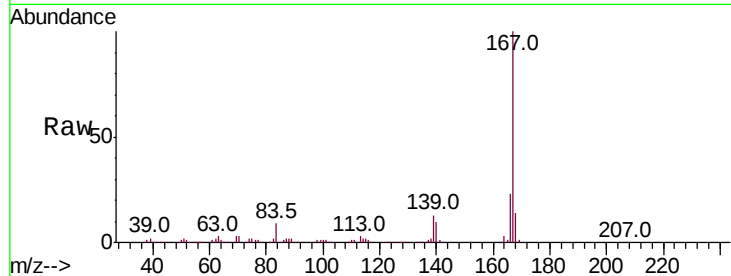
#73
 Carbazole
 Concen: 44.908 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Instrument :
 BNA_G
 ClientSampleId :
 PB114894BS

Tot Ion:	167	Resp:	636300
Ion Ratio	Lower	Upper	
167	100		
166	22.9	18.3	27.5
139	12.7	10.5	15.7

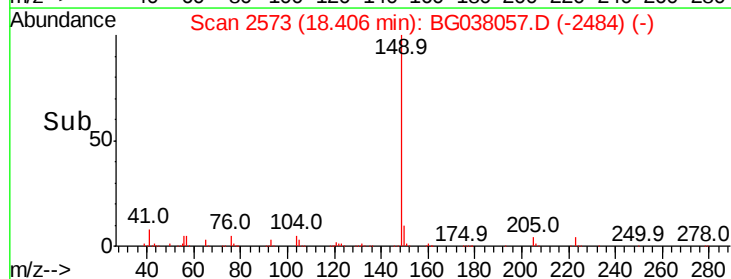
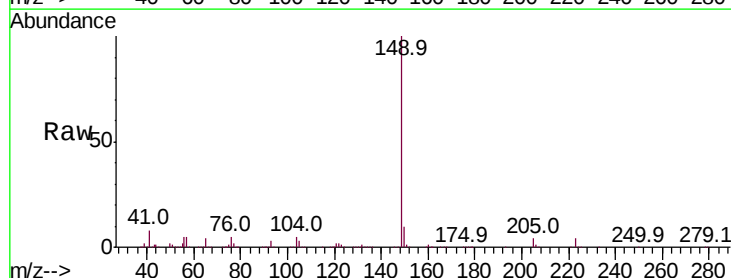
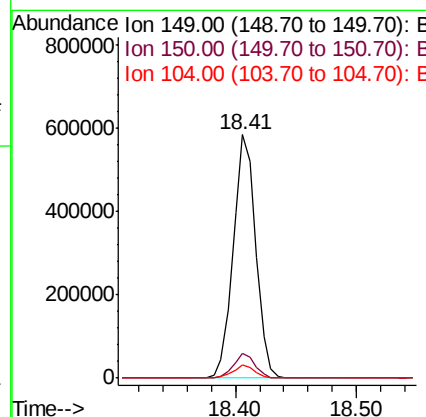
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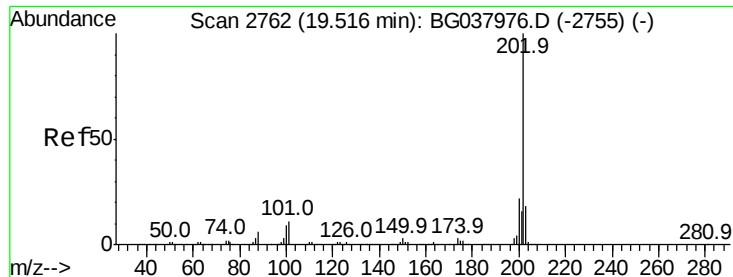
Sohil
 11/19/2018 2:13:51 PM



#74
 Di-n-butylphthalate
 Concen: 47.435 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion:	149	Resp:	754464
Ion Ratio	Lower	Upper	
149	100		
150	9.9	8.2	12.2
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 49.229 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

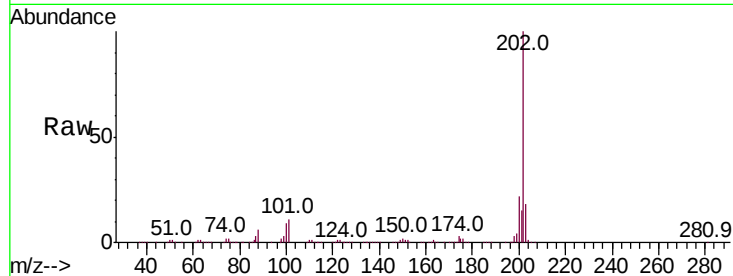
ClientSampleId :

PB114894BS

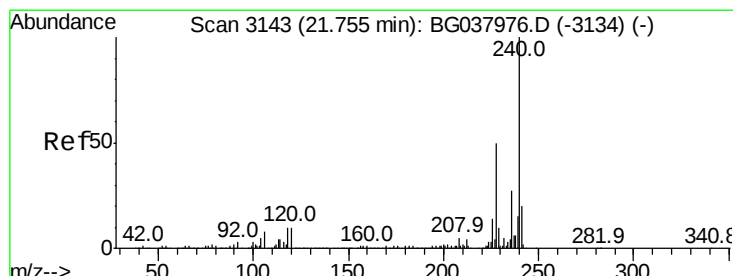
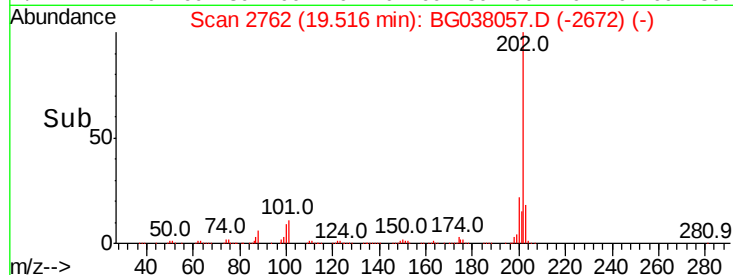
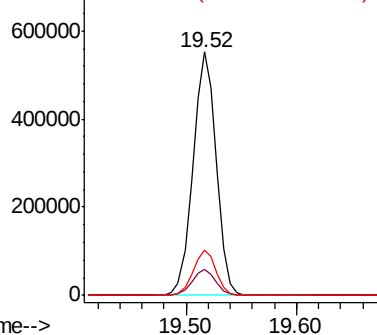
Tot Ion	Ratio	Resp	Lower	Upper
202	100	804688		
101	10.8	0.0	30.7	
203	18.4	0.0	38.5	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

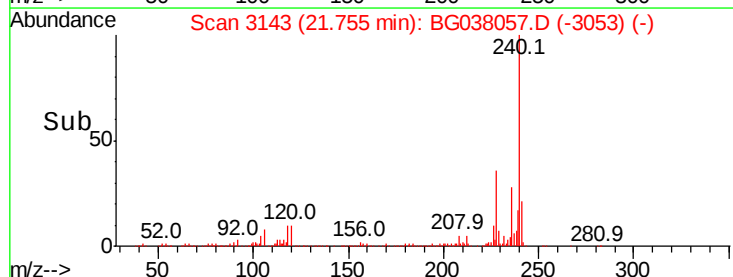
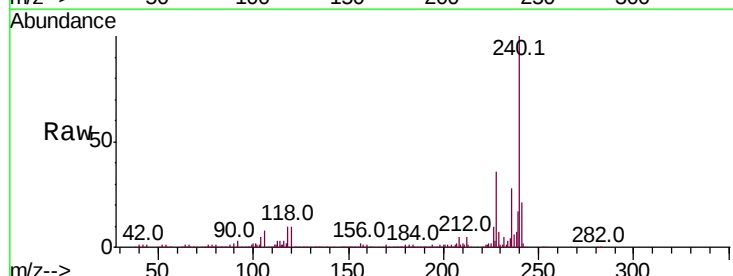
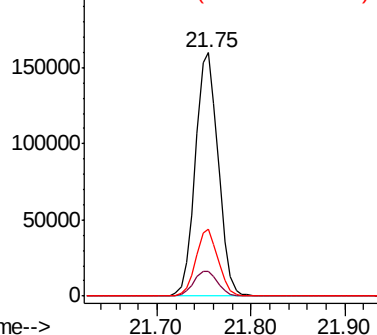
Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	269968		
120	10.4	8.1	12.1	
236	27.6	21.4	32.0	

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.486 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

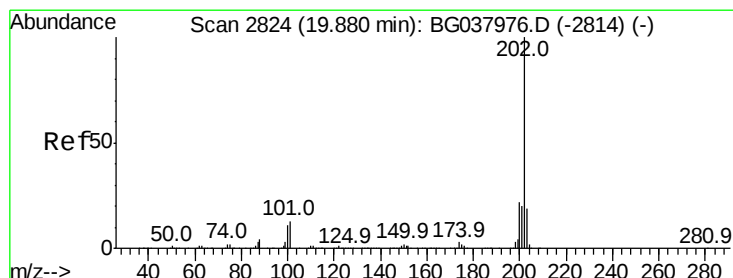
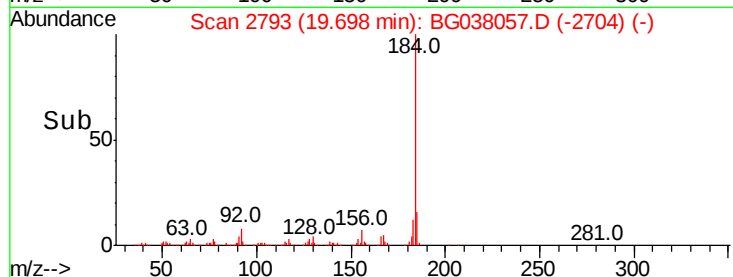
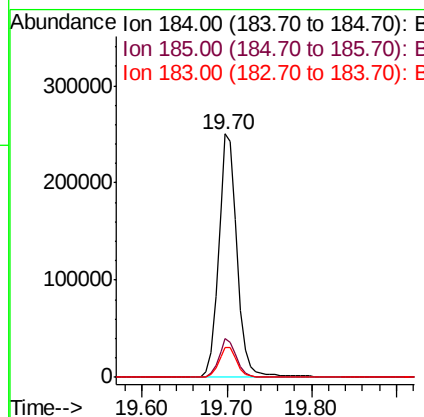
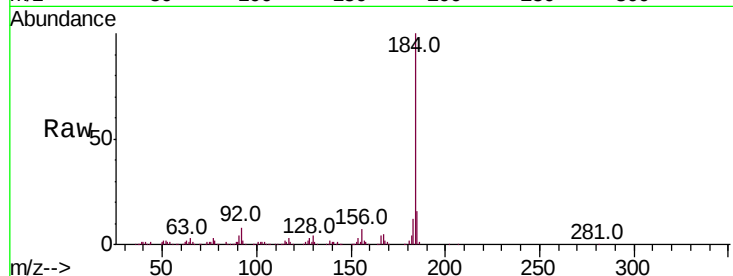
ClientSampleId :

PB114894BS

Tot Ion:	184	Resp:	383526
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.6	18.8
183	12.2	10.2	15.2

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#78

Pyrene

Concen: 45.769 ng

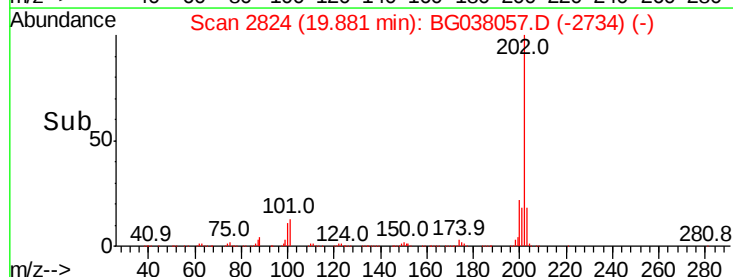
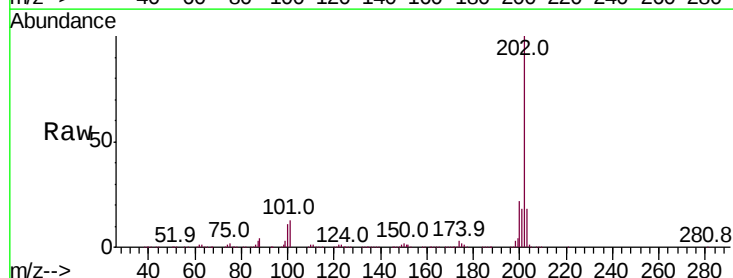
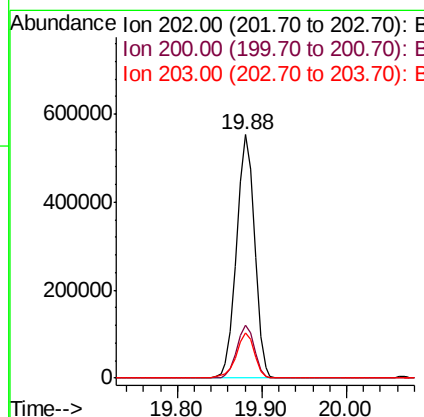
RT: 19.88 min Scan# 2824

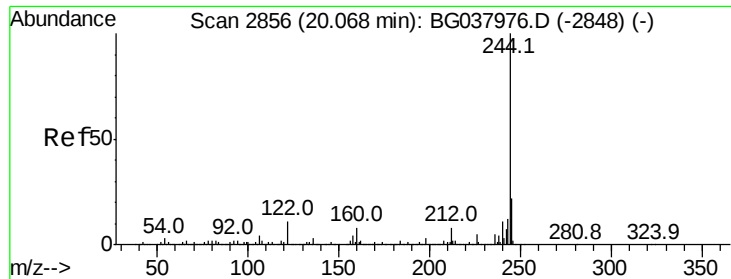
Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion:	202	Resp:	807856
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	18.5	15.2	22.8





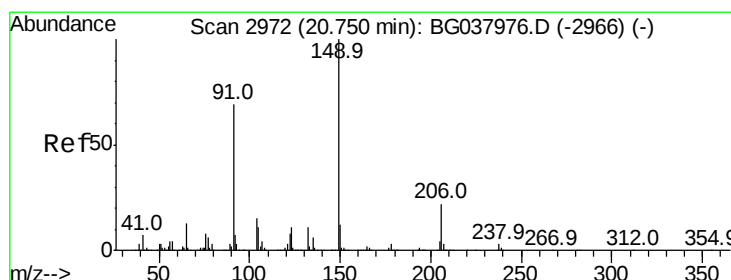
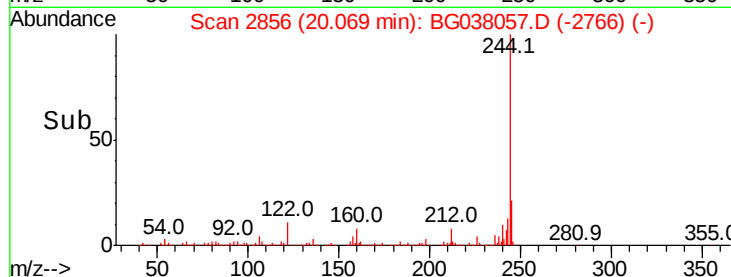
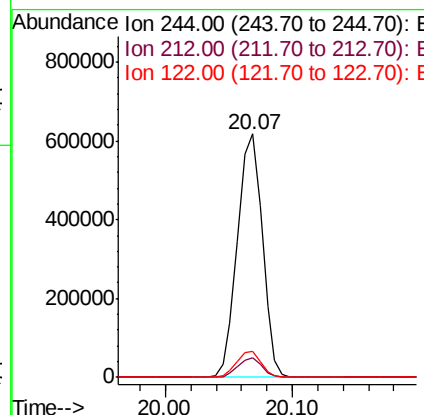
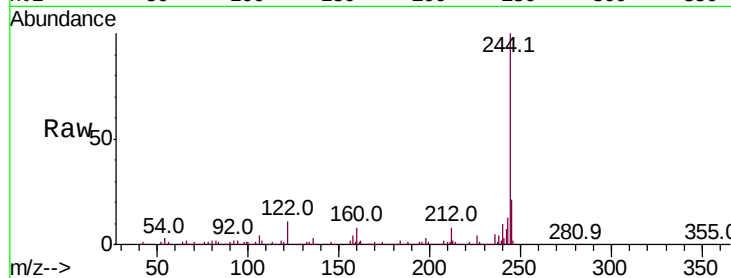
#79
 Terphenyl-d14
 Concen: 73.086 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Instrument :
 BNA_G
 ClientSampleId :
 PB114894BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.6	9.0	13.4

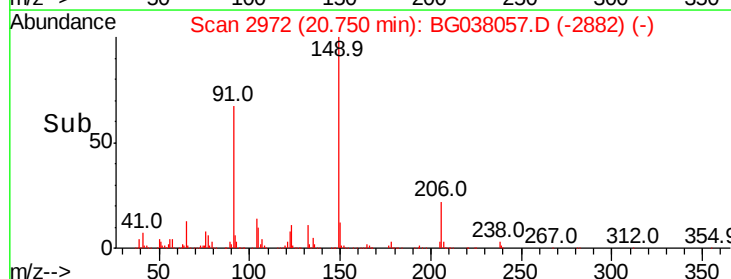
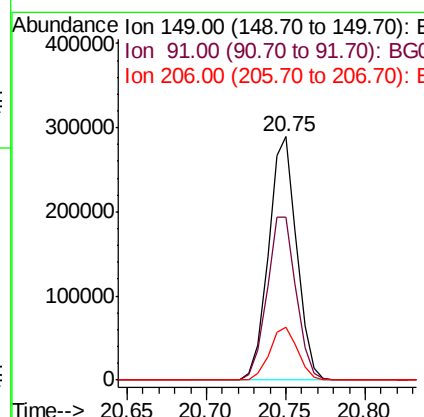
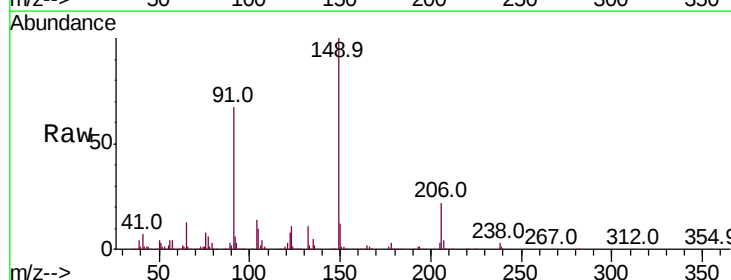
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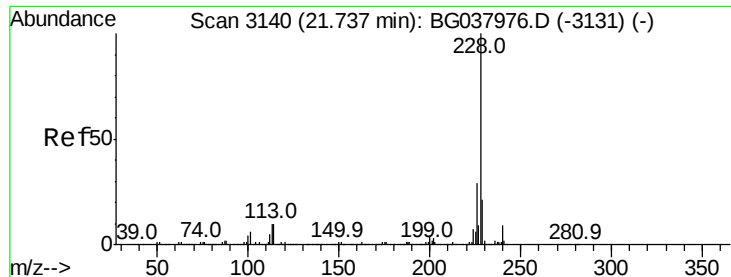
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#80
 Butylbenzylphthalate
 Concen: 46.339 ng
 RT: 20.75 min Scan# 2972
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.0	57.0	85.4
206	22.0	17.8	26.6





#81

Benzo(a)anthracene

Concen: 46.986 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

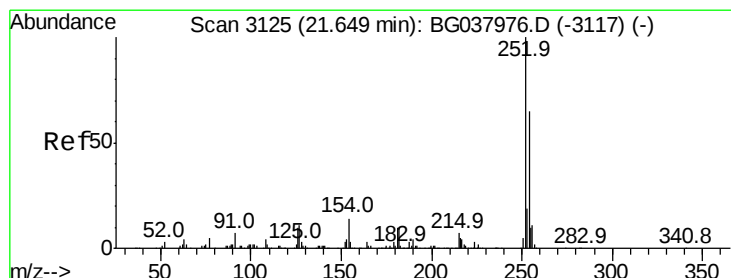
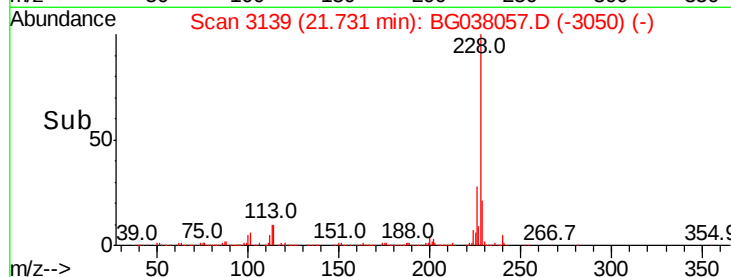
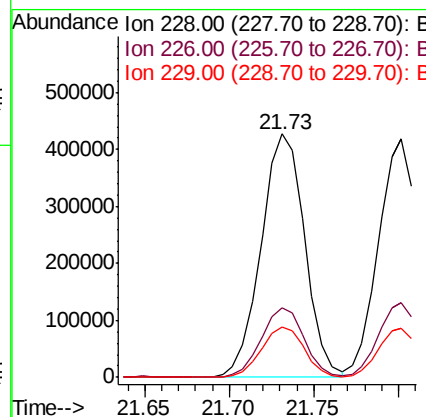
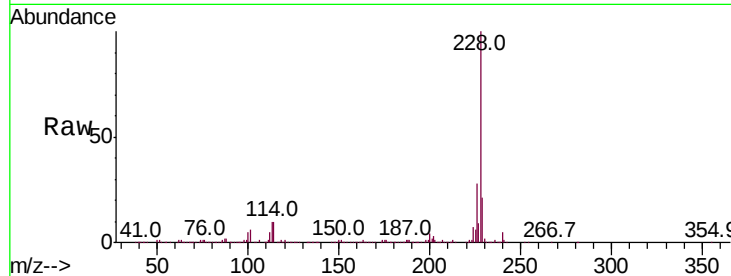
ClientSampleId :

PB114894BS

Tot Ion:	228	Resp:	766557
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	20.7	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 30.548 ng

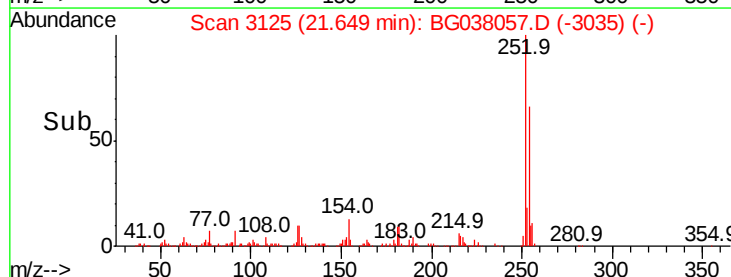
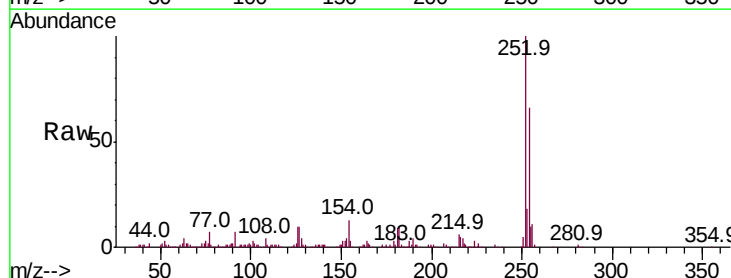
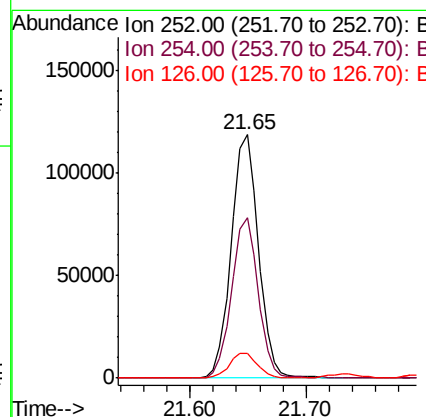
RT: 21.65 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion:	252	Resp:	194131
Ion Ratio	Lower	Upper	
252	100		
254	66.0	52.0	78.0
126	10.3	8.2	12.4





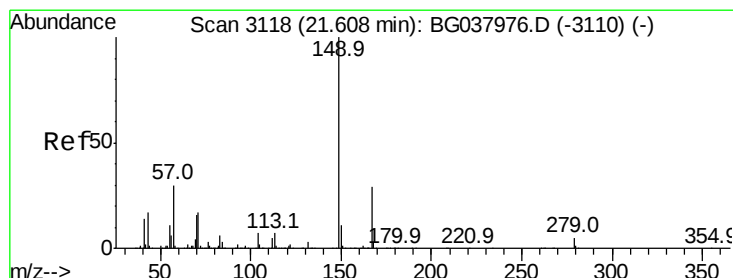
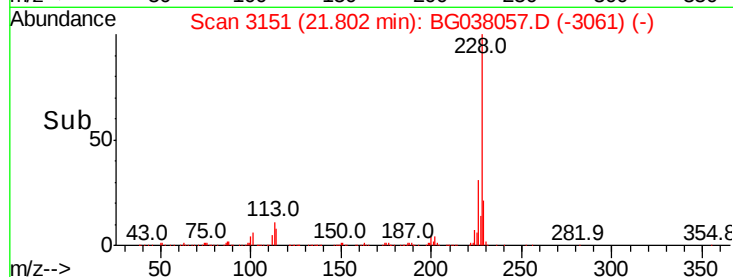
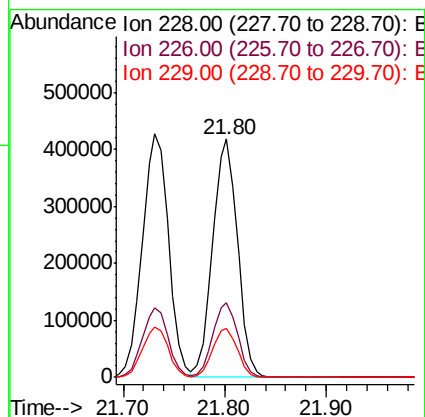
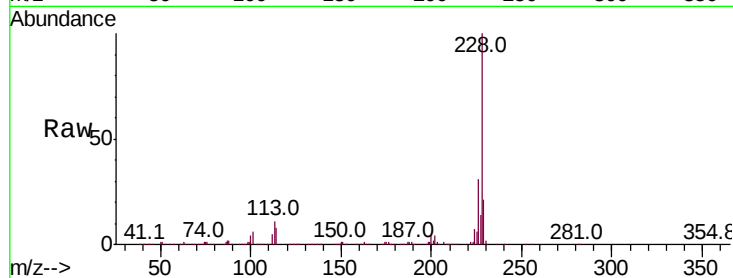
#83
Chrysene
Concen: 45.467 ng
RT: 21.80 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.7	38.5
229	20.7	16.5	24.7

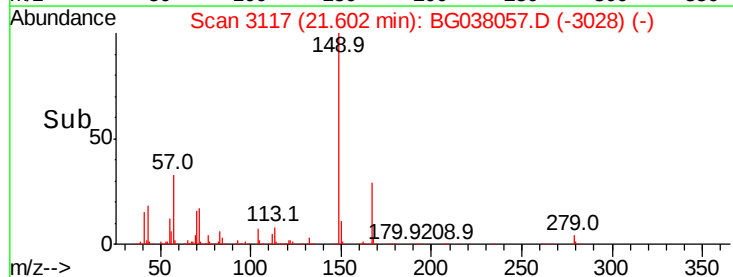
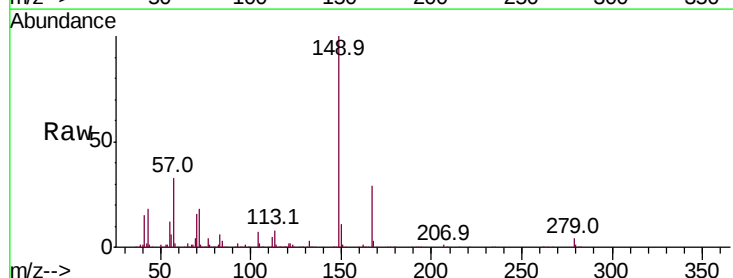
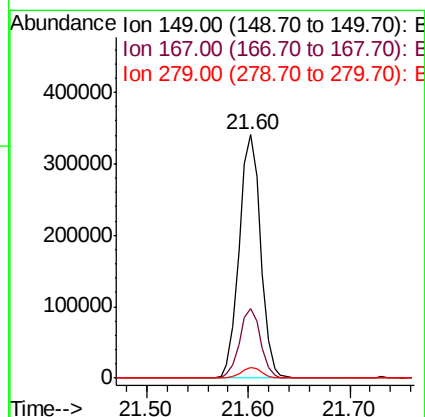
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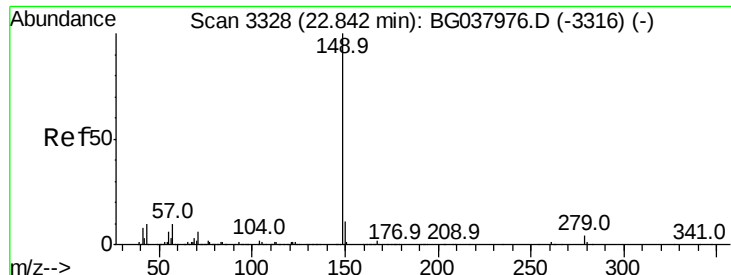
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.284 ng
RT: 21.60 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.0	34.4
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 48.253 ng

RT: 22.84 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

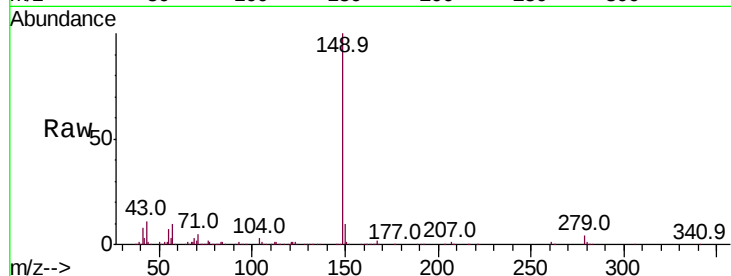
ClientSampleId :

PB114894BS

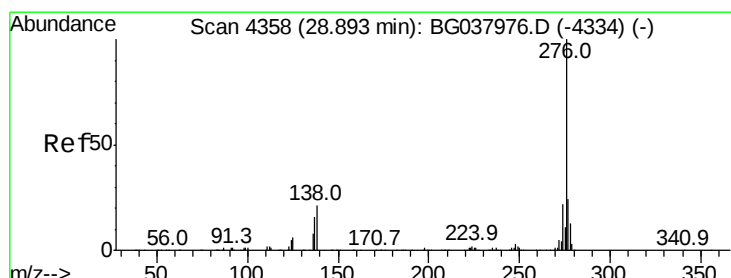
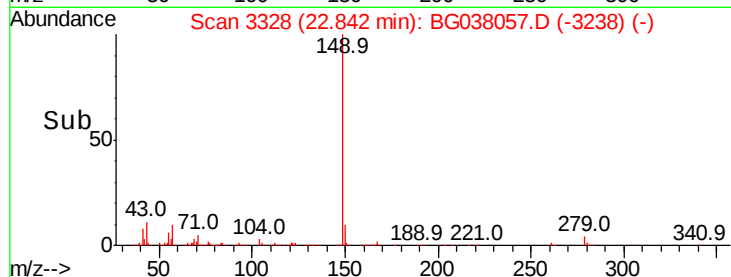
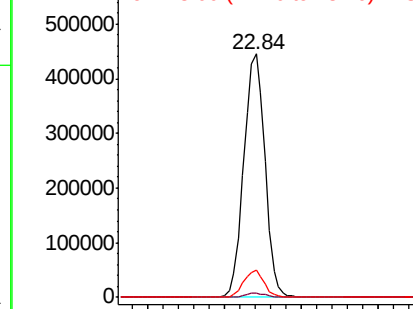
Tot Ion:	149	Resp:	859330
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.6	8.7	13.1

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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: 49.047 ng

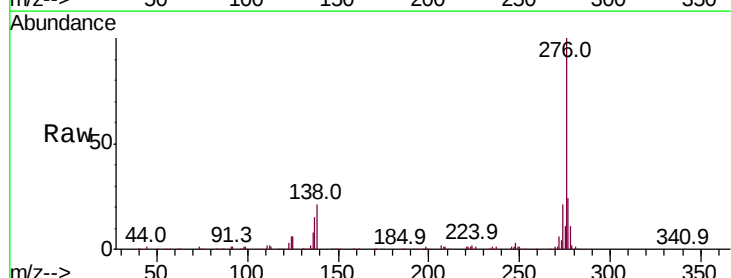
RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

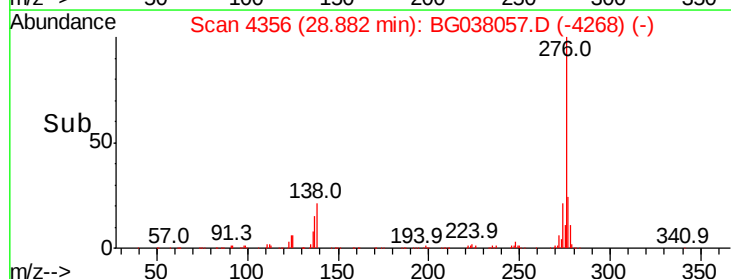
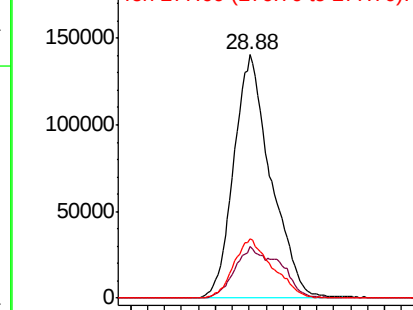
Lab File: BG038057.D

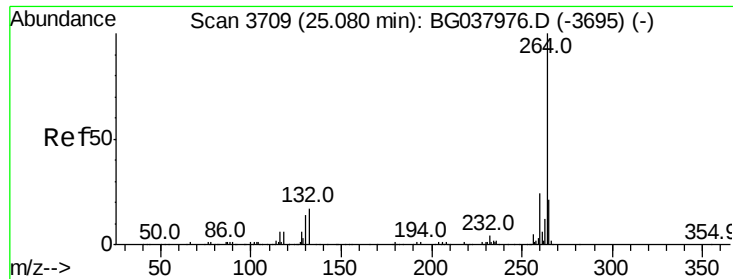
Acq: 17 Nov 2018 6:27

Tgt Ion:	276	Resp:	850297
Ion Ratio	Lower	Upper	
276	100		
138	25.6	12.0	18.0#
277	25.5	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: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

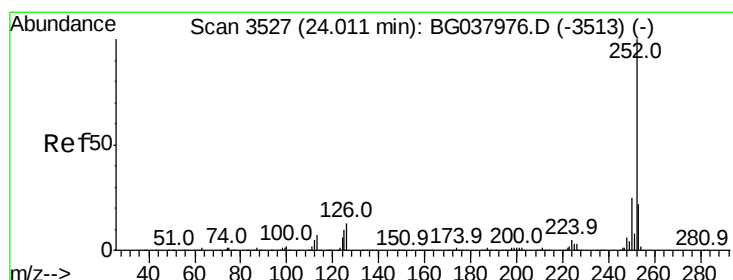
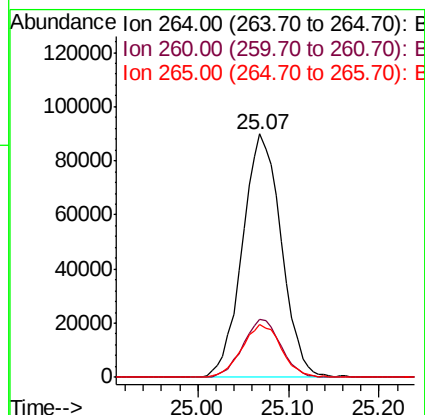
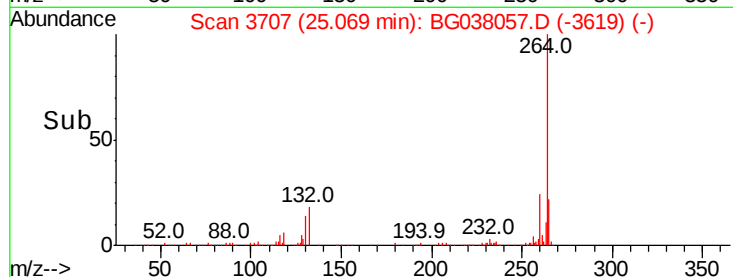
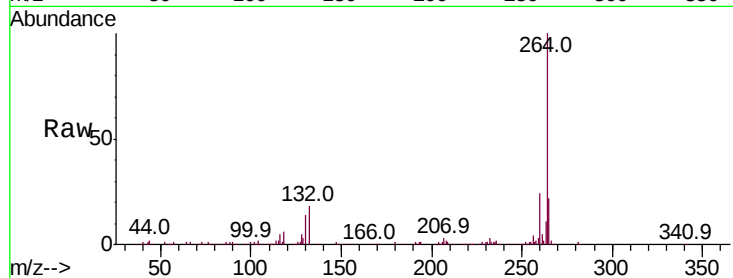
ClientSampleId :

PB114894BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.8	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 51.936 ng

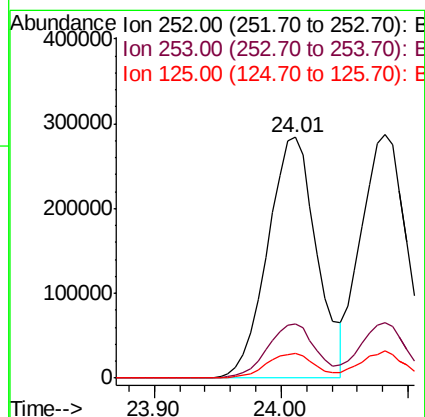
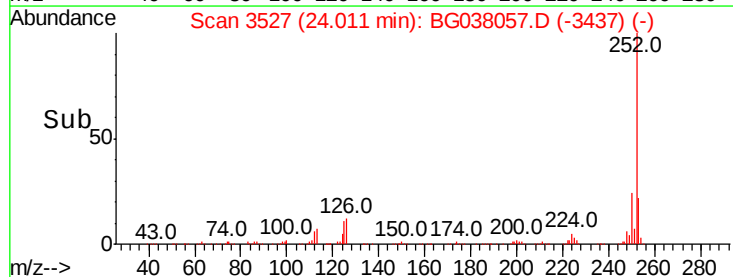
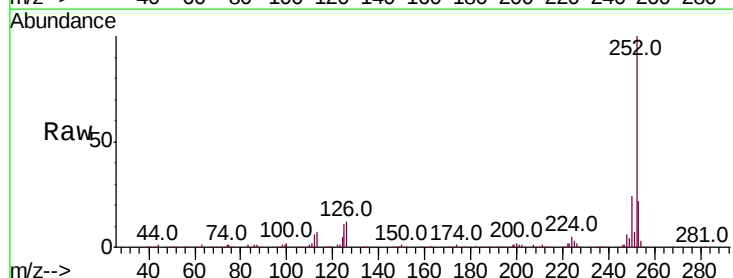
RT: 24.01 min Scan# 3527

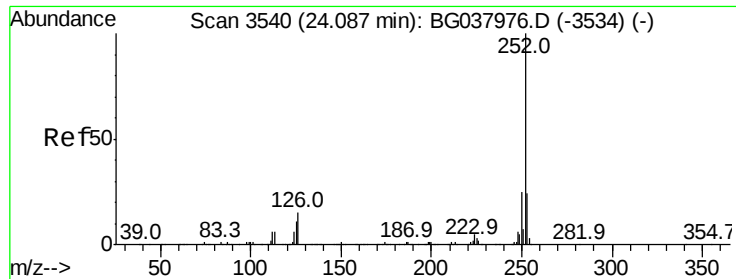
Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.5	7.8	11.6





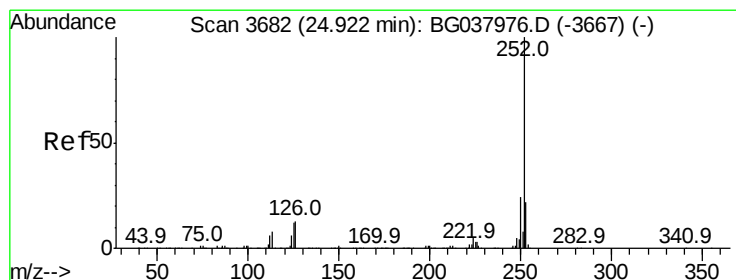
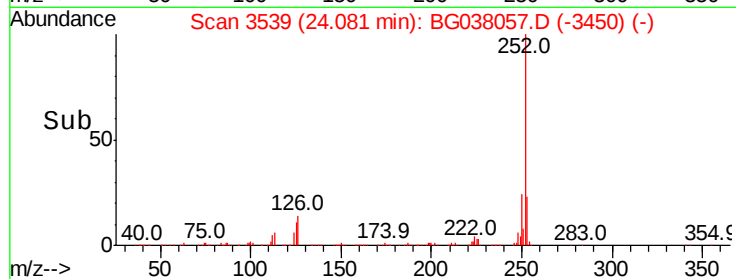
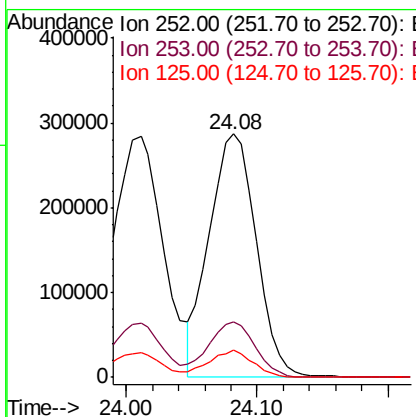
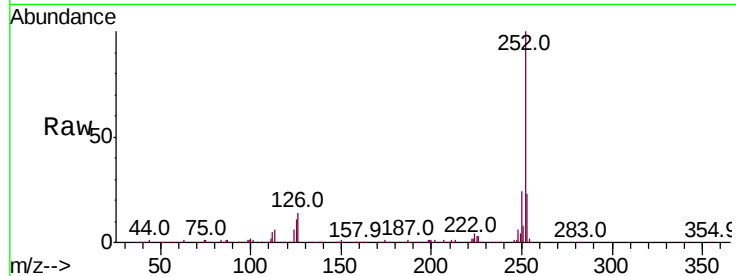
#89
Benzo(k)fluoranthene
Concen: 49.504 ng m
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	11.1	7.4	11.0

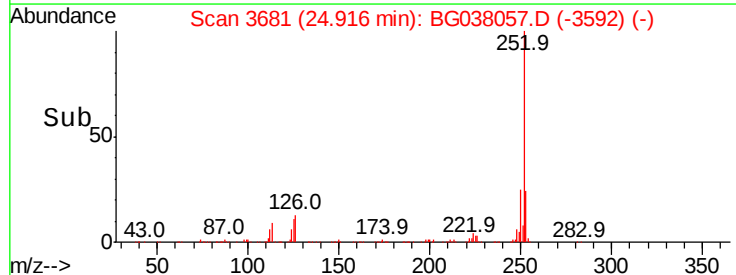
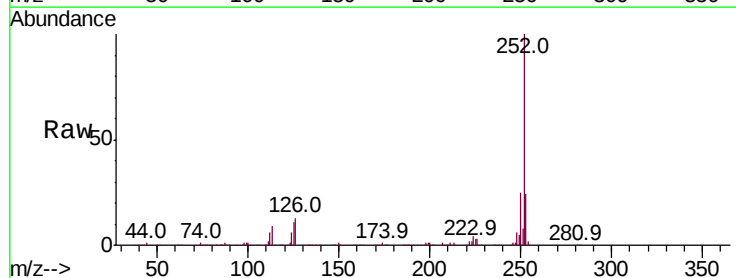
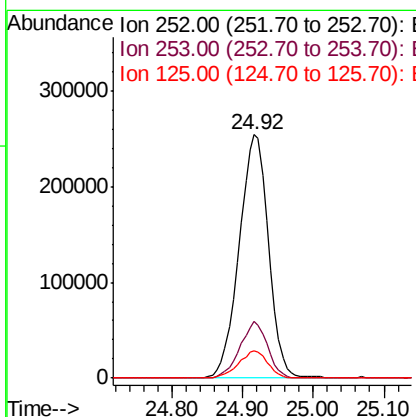
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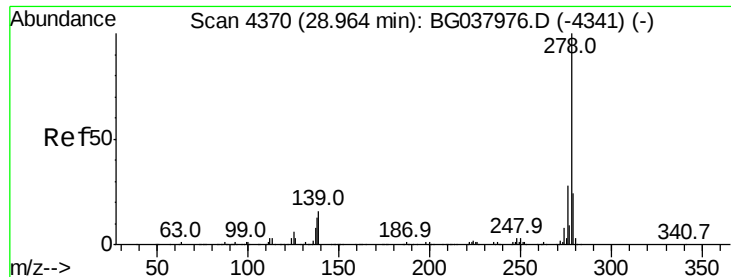
Sohil
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#90
Benzo(a)pyrene
Concen: 52.214 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	11.0	9.0	13.6





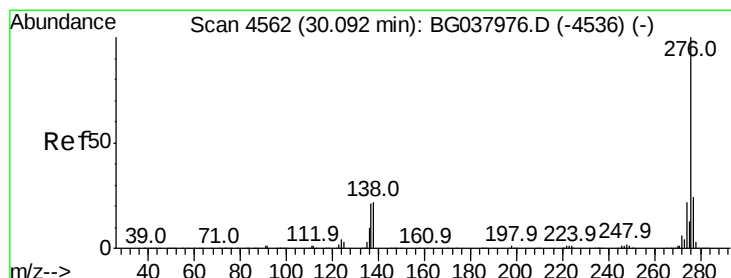
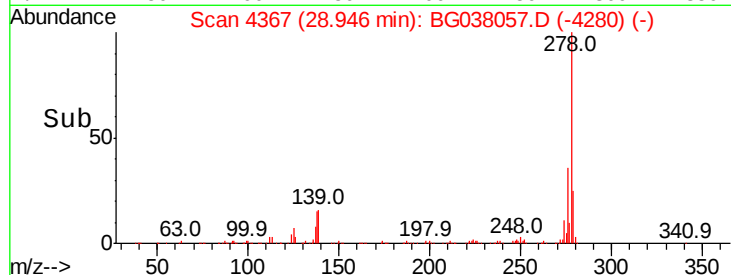
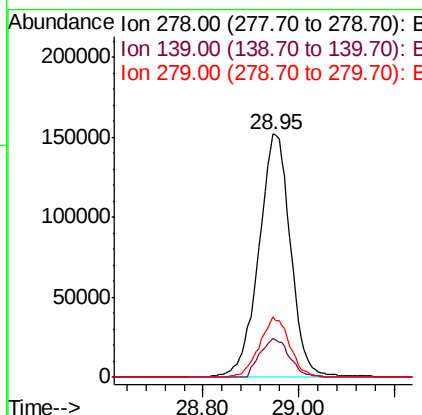
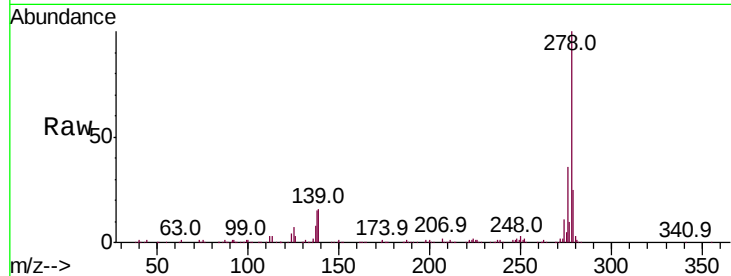
#91
Dibenzo(a,h)anthracene
Concen: 51.720 ng
RT: 28.95 min Scan# 4367
Delta R.T. -0.02 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :
PB114894BS

Tot Ion:278	Resp:	700720
Ion Ratio	Lower	Upper
278	100	
139	15.8	11.5 17.3
279	24.6	18.6 27.8

Manual Integrations
APPROVED

Sohil
11/19/2018 2:13:51 PM



#92
Benzo(g,h,i)perylene
Concen: 52.605 ng
RT: 30.08 min Scan# 4560
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion:276	Resp:	708655
Ion Ratio	Lower	Upper
276	100	
277	23.8	18.9 28.3
138	21.1	17.2 25.8

