

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG038998.D
 Acq On : 8 Jan 2019 17:54
 Operator : JU/SJ
 Sample : PB116229BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116229BS

Manual Integrations
 APPROVED

Sohil
 1/9/2019 11:28:11 AM

Quant Time: Jan 09 02:59:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24348	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	99950	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	73100	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	187142	20.00	ng	0.00
76) Chrysene-d12	21.71	240	192753	20.00	ng	-0.01
87) Perylene-d12	25.00	264	191209	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	193568	141.01	ng	0.00
7) Phenol-d6	7.21	99	269463	142.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	128022	65.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	158719	157.55	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	376961	70.74	ng	-0.01
79) Terphenyl-d14	20.03	244	739731	83.52	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	18098	28.327 ng	94
3) Pyridine	3.88	79	47597	27.058 ng	93
4) n-Nitrosodimethylamine	3.81	42	27559	31.975 ng	91
6) Aniline	7.37	93	76722	31.892 ng	96
8) 2-Chlorophenol	7.61	128	71470	44.989 ng	92
9) Benzaldehyde	7.19	77	13969	11.426 ng	97
10) Phenol	7.24	94	90084	44.994 ng	96
11) bis(2-Chloroethyl)ether	7.47	93	56717	35.581 ng	91
12) 1,3-Dichlorobenzene	7.93	146	69939	37.235 ng	96
13) 1,4-Dichlorobenzene	8.08	146	72198	37.530 ng	94
14) 1,2-Dichlorobenzene	8.40	146	68789	37.930 ng	97
15) Benzyl Alcohol	8.29	79	63366	43.078 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	110260	30.196 ng	98
17) 2-Methylphenol	8.49	107	63076	47.023 ng	98
18) Hexachloroethane	9.12	117	24553	34.928 ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	48953	36.985 ng	93
20) 3+4-Methylphenols	8.82	107	88846	47.959 ng	95
22) Acetophenone	8.88	105	100732	40.349 ng	94
24) Nitrobenzene	9.26	77	74864	37.825 ng	100
25) Isophorone	9.78	82	145554	41.407 ng	96
26) 2-Nitrophenol	9.97	139	43719	43.158 ng	90
27) 2,4-Dimethylphenol	10.02	122	74668	51.432 ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	83719	42.203 ng	99
29) 2,4-Dichlorophenol	10.51	162	83321	51.589 ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	82686	42.384 ng	98
31) Naphthalene	10.91	128	219767	44.626 ng	99
32) Benzoic acid	10.19	122	37842	42.511 ng	90
33) 4-Chloroaniline	11.03	127	63689	29.788 ng	95
34) Hexachlorobutadiene	11.17	225	55192	41.810 ng	98
35) Caprolactam	11.82	113	27514m	41.164 ng	
36) 4-Chloro-3-methylphenol	12.15	107	86291	46.818 ng	90
37) 2-Methylnaphthalene	12.51	142	172692	49.154 ng	99
38) 1-Methylnaphthalene	12.74	142	164693	48.308 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	107840	39.466 ng	98

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Sohil
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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	133757	89.100	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	79191	47.135	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	82845	46.573	nq	95
46) 1,1'-Biphenyl	13.52	154	237037	38.680	nq	97
47) 2-Chloronaphthalene	13.56	162	189423	40.016	nq	97
48) 2-Nitroaniline	13.78	65	56166	37.251	nq	# 85
49) Acenaphthylene	14.41	152	309967	43.801	nq	98
50) Dimethylphthalate	14.13	163	261678	43.835	nq	99
51) 2,6-Dinitrotoluene	14.27	165	58735	43.417	nq	# 85
52) Acenaphthene	14.75	154	178544	42.193	nq	97
53) 3-Nitroaniline	14.61	138	41174	29.857	nq	91
54) 2,4-Dinitrophenol	14.82	184	77990	95.797	nq	93
55) Dibenzofuran	15.08	168	308049	42.468	nq	98
56) 4-Nitrophenol	14.92	139	88115	84.227	nq	94
57) 2,4-Dinitrotoluene	15.06	165	82859	43.487	nq	90
58) Fluorene	15.73	166	248151	46.176	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	79753	49.833	nq	97
60) Diethylphthalate	15.49	149	264357	40.339	nq	97
61) 4-Chlorophenyl-phenylether	15.71	204	142364	42.458	nq	99
62) 4-Nitroaniline	15.77	138	59001	41.558	nq	94
63) Azobenzene	16.01	77	205165	37.476	nq	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	56542	42.354	nq	85
66) n-Nitrosodiphenylamine	15.94	169	227006	41.284	nq	97
67) 4-Bromophenyl-phenylether	16.61	248	96807	42.356	nq	95
68) Hexachlorobenzene	16.73	284	104866	44.262	nq	# 94
69) Atrazine	16.88	200	93809	45.971	nq	96
70) Pentachlorophenol	17.08	266	116066	82.824	nq	94
71) Phenanthrene	17.48	178	430987	44.411	nq	99
72) Anthracene	17.57	178	435803	45.489	nq	100
73) Carbazole	17.84	167	388002	40.951	nq	99
74) Di-n-butylphthalate	18.37	149	452924	41.660	nq	99
75) Fluoranthene	19.49	202	542644	45.193	nq	97
77) Benzidine	19.67	184	199483	34.994	nq	100
78) Pyrene	19.85	202	539732	42.386	nq	100
80) Butylbenzylphthalate	20.71	149	203695	40.944	nq	93
81) Benzo(a)anthracene	21.70	228	524401	44.647	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	146399	31.428	nq	98
83) Chrysene	21.76	228	494326	43.695	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	282359	40.018	nq	97
85) Di-n-octyl phthalate	22.78	149	483064	40.880	nq	95
86) Indeno(1,2,3-cd)pyrene	28.79	276	586592	44.103	nq	# 94
88) Benzo(b)fluoranthene	23.95	252	528357	50.329	nq	99
89) Benzo(k)fluoranthene	24.02	252	499060	47.739	nq	97
90) Benzo(a)pyrene	24.85	252	506966	50.056	nq	# 97
91) Dibenzo(a,h)anthracene	28.85	278	483623	47.959	nq	98
92) Benzo(g,h,i)perylene	29.98	276	489586	49.264	nq	94

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



#1

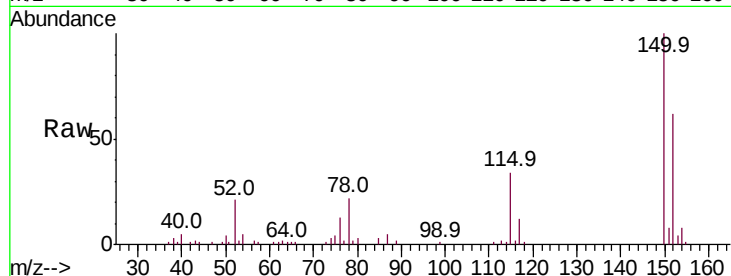
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	119.5	179.3
115	55.2	49.6	74.4

Manual Integrations
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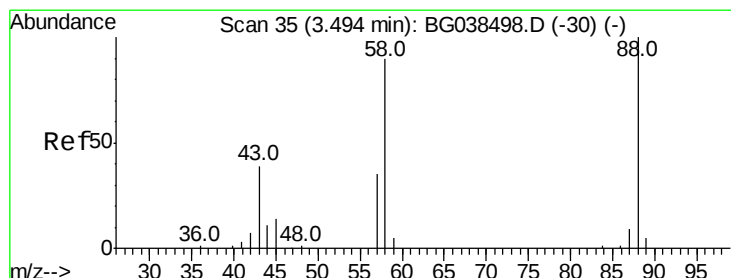
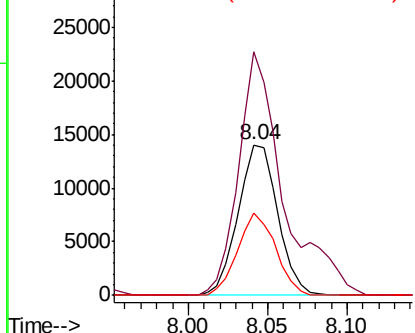
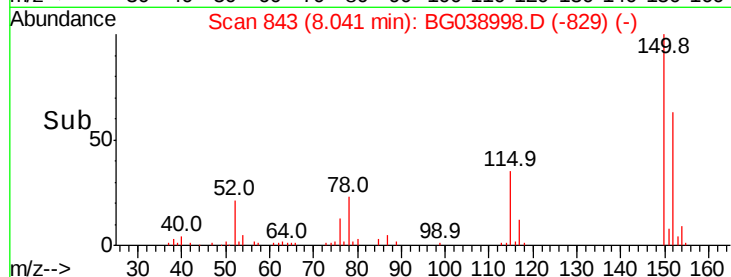


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

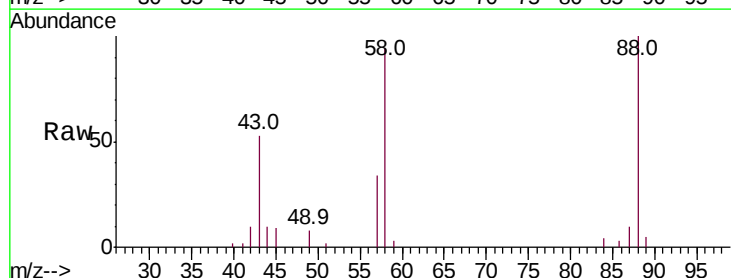
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.327 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.3	75.7	113.5
43	45.6	31.6	47.4

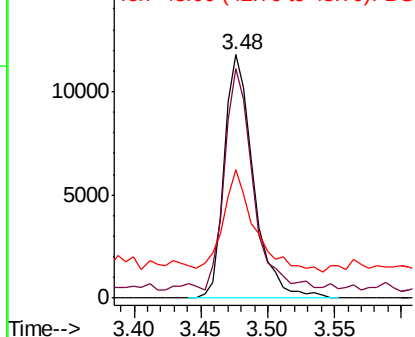
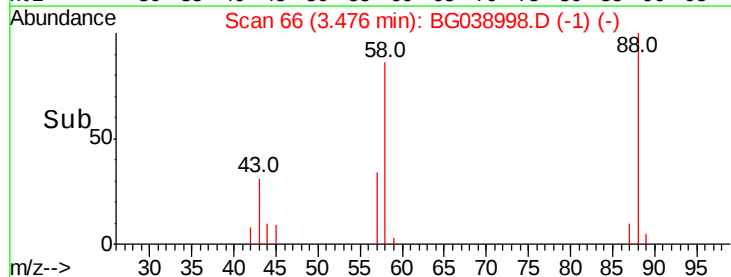


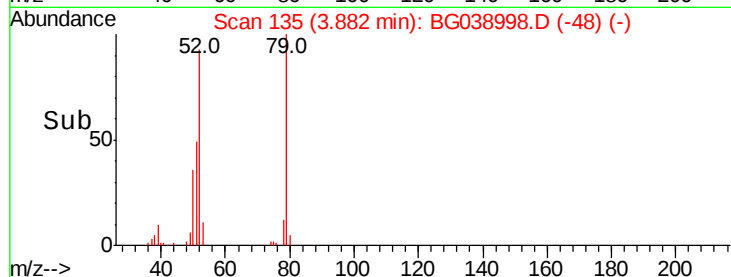
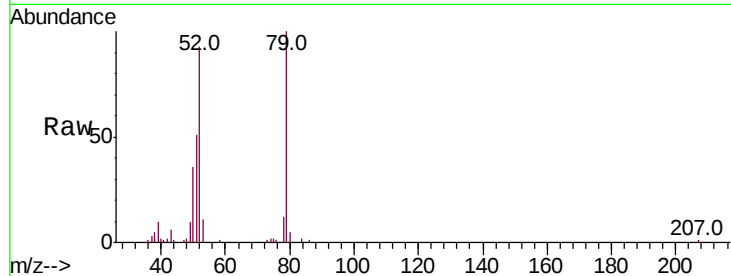
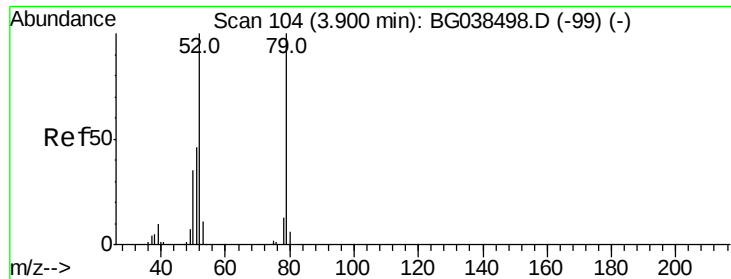
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





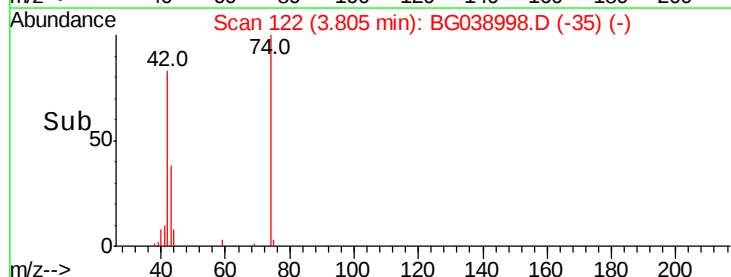
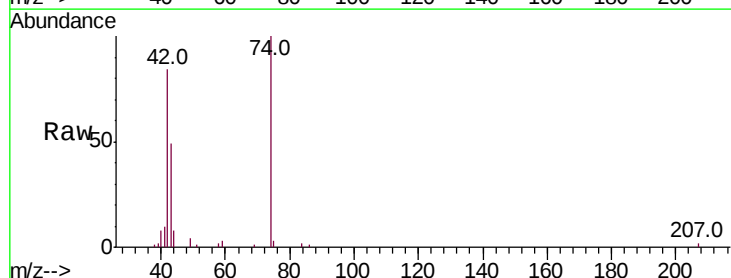
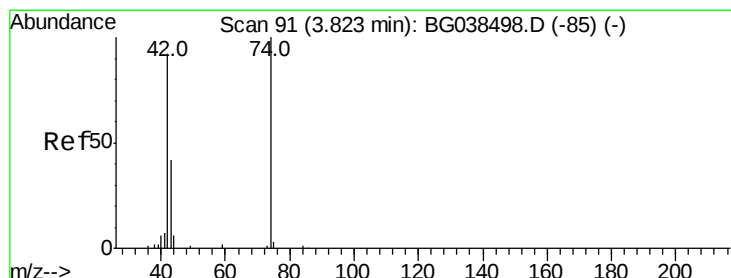
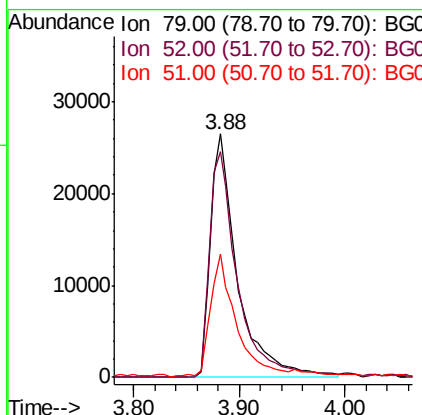
#3
 Pvridine
 Concen: 27.058 ng
 RT: 3.88 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.7	80.2	120.2
51	50.6	38.0	57.0

Instrument :
 BNA_G
 ClientSampleId :
 PB116229BS

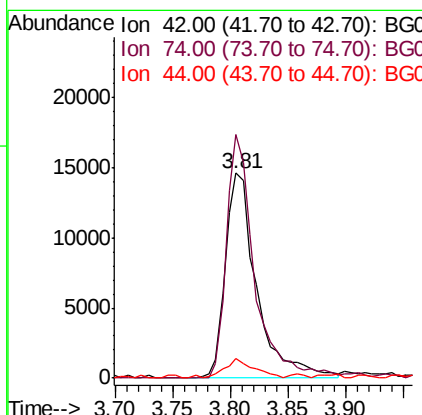
Manual Integrations
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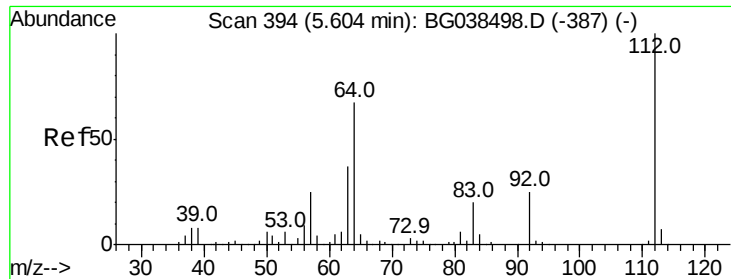
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 31.975 ng
 RT: 3.81 min Scan# 122
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.8	86.7	130.1
44	9.7	7.8	11.8





#5

2-Fluorophenol

Concen: 141.006 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

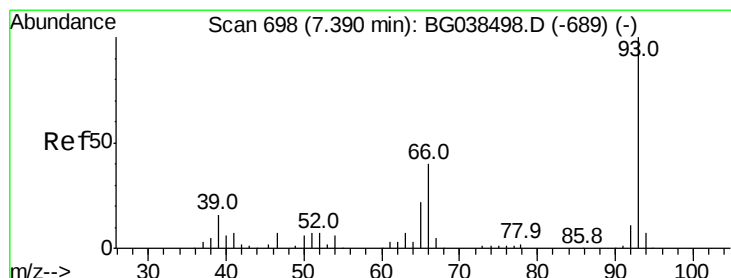
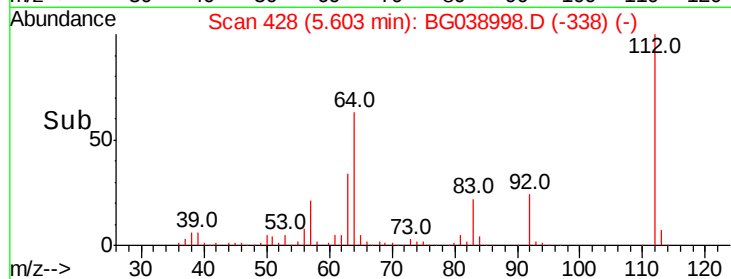
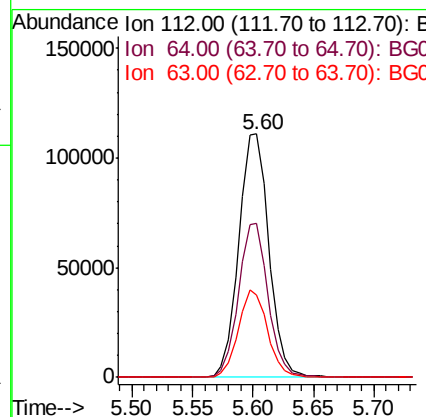
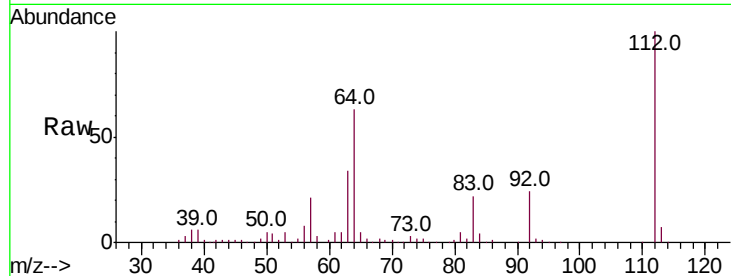
ClientSampled :

PB116229BS

Tot Ion:	112	Resp:	193568
Ion Ratio	Lower	Upper	
112	100		
64	63.1	53.4	80.2
63	33.8	29.3	43.9

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#6

Aniline

Concen: 31.892 ng

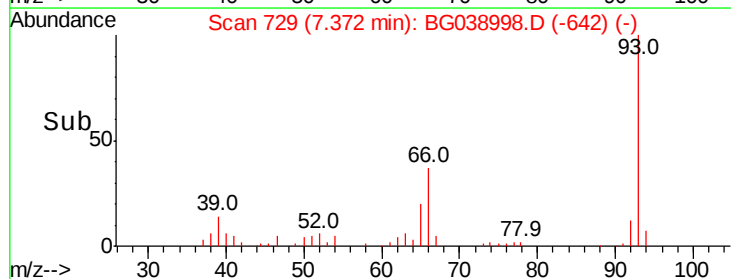
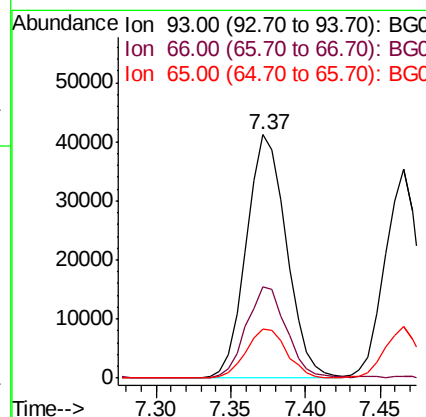
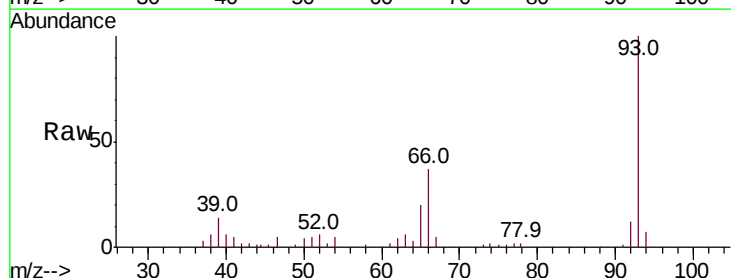
RT: 7.37 min Scan# 729

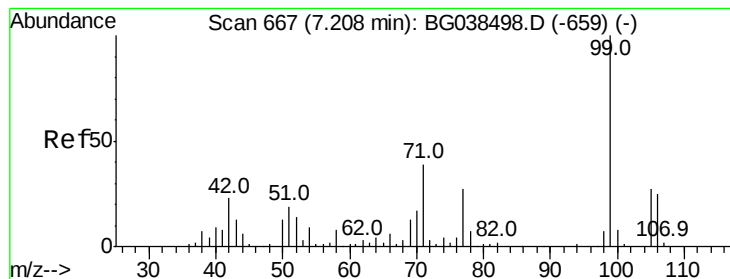
Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:	93	Resp:	76722
Ion Ratio	Lower	Upper	
93	100		
66	37.2	31.7	47.5
65	20.2	17.8	26.6





#7

Phenol-d6

Concen: 142.986 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

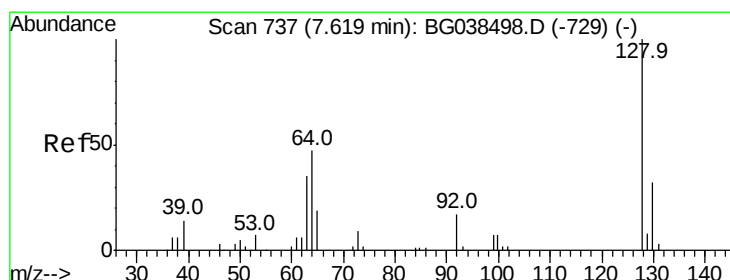
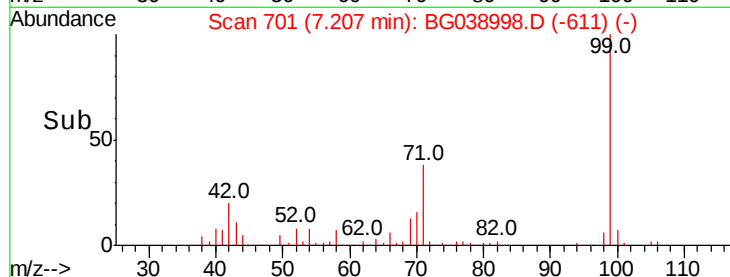
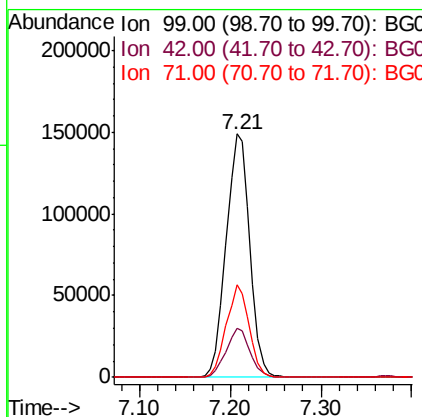
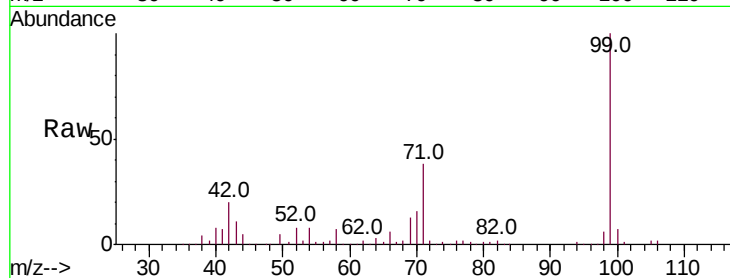
ClientSampleId :

PB116229BS

Tot Ion:	99	Resp:	269463
Ion	Ratio	Lower	Upper
99	100		
42	20.0	18.5	27.7
71	38.2	31.1	46.7

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#8

2-Chlorophenol

Concen: 44.989 ng

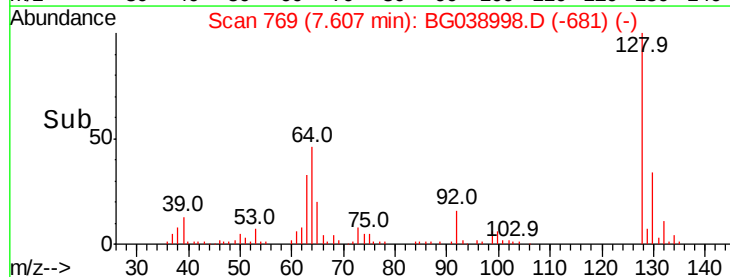
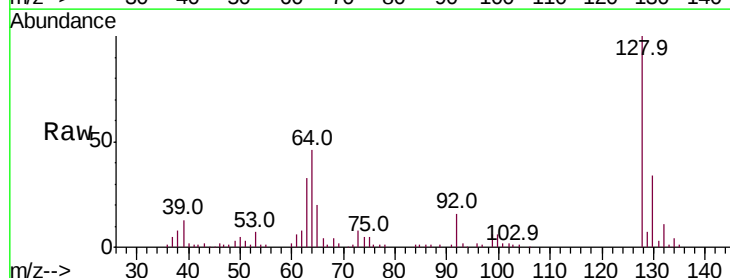
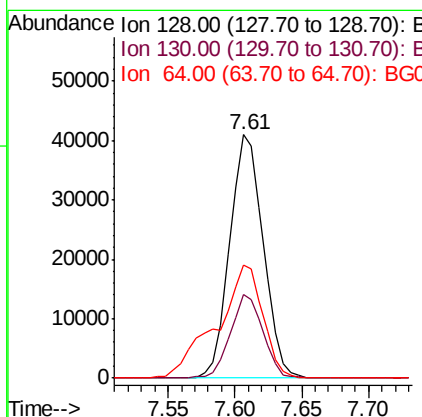
RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:	128	Resp:	71470
Ion	Ratio	Lower	Upper
128	100		
130	34.3	11.8	51.8
64	46.4	33.2	73.2





#9

Benzaldehyde

Concen: 11.426 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampled :

PB116229BS

Tot Ion: 77 Resp: 13969

Ion Ratio Lower Upper

77 100

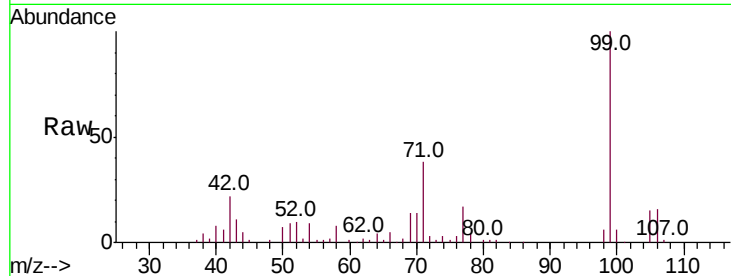
105 89.9 74.0 114.0

106 95.2 73.9 113.9

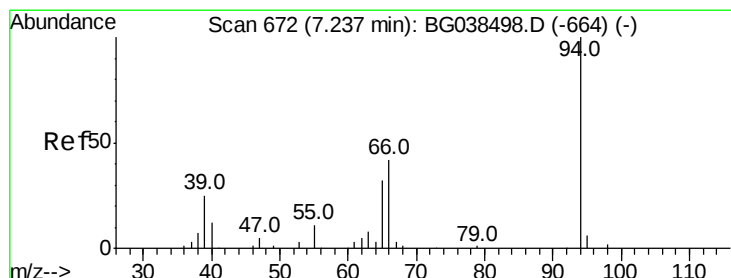
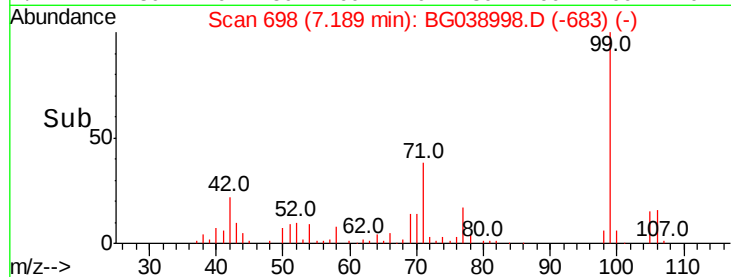
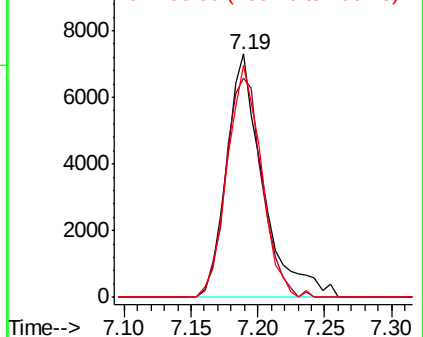
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.994 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

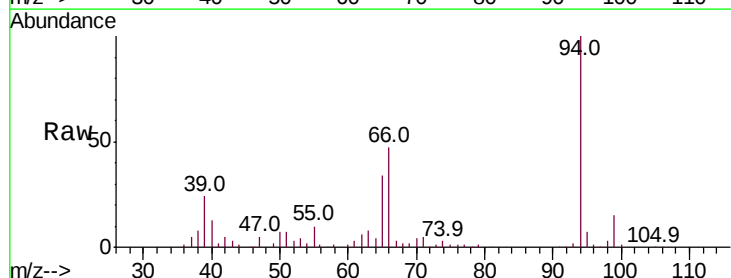
Tgt Ion: 94 Resp: 90084

Ion Ratio Lower Upper

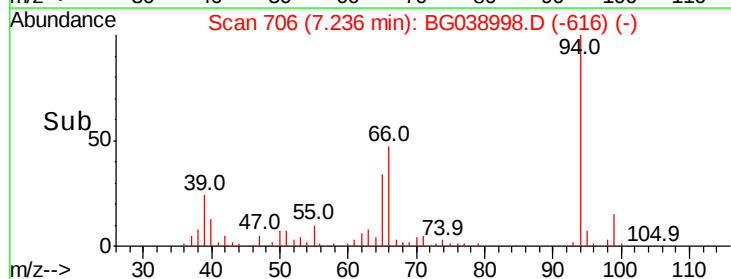
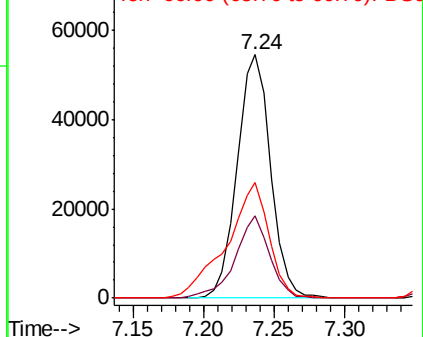
94 100

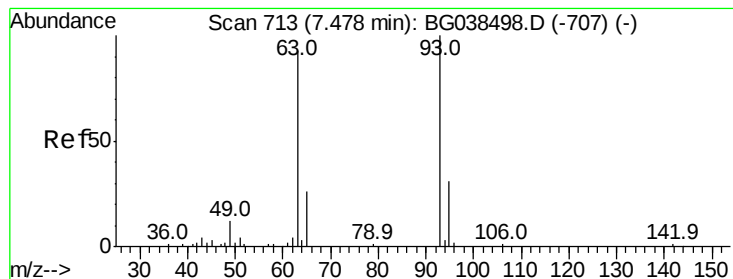
65 33.7 12.6 52.6

66 47.4 24.1 64.1



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





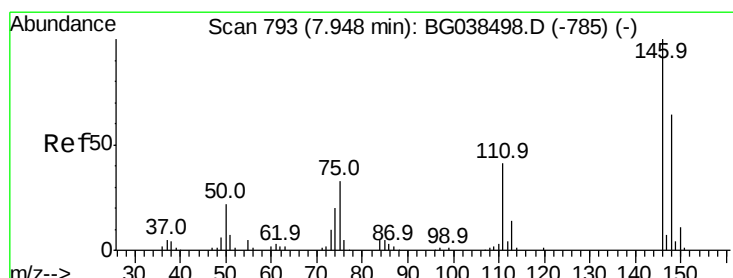
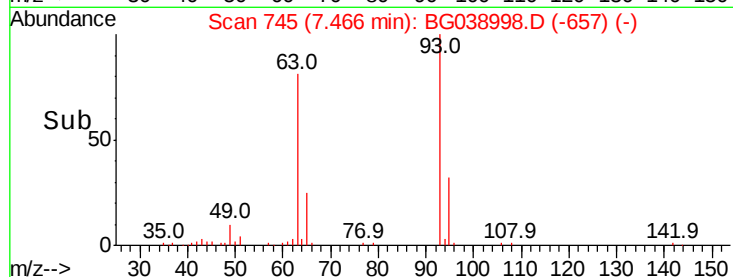
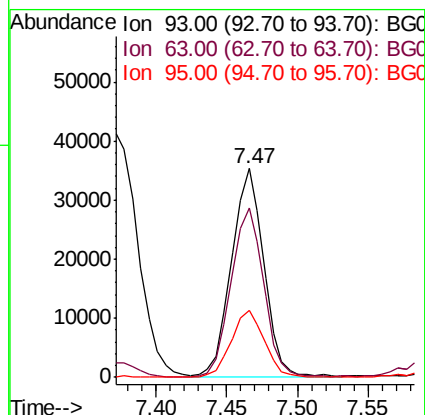
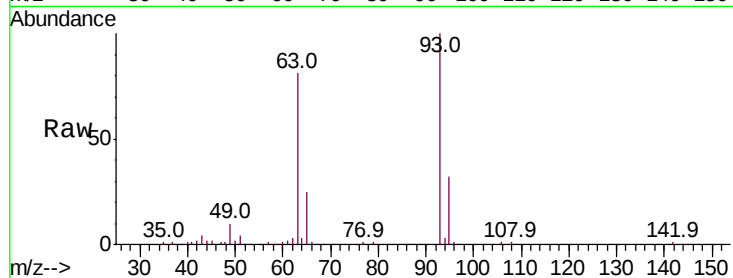
#11
bis(2-Chloroethyl)ether
Concen: 35.581 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampled :
PB116229BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.9	72.2	112.2
95	32.3	11.2	51.2

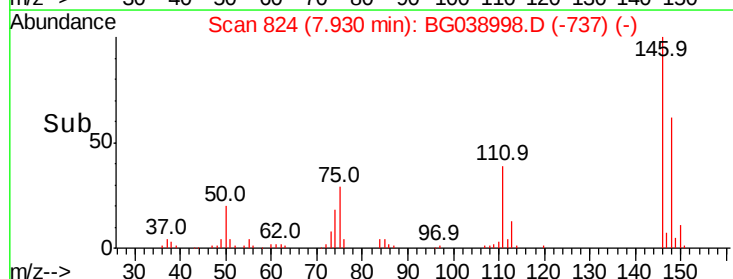
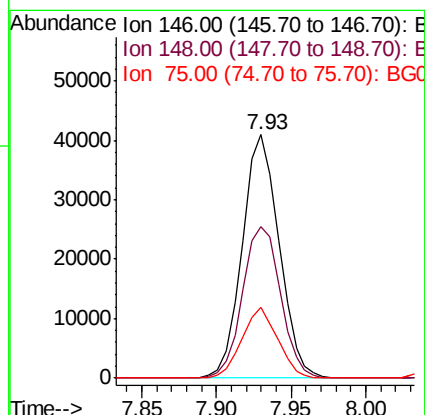
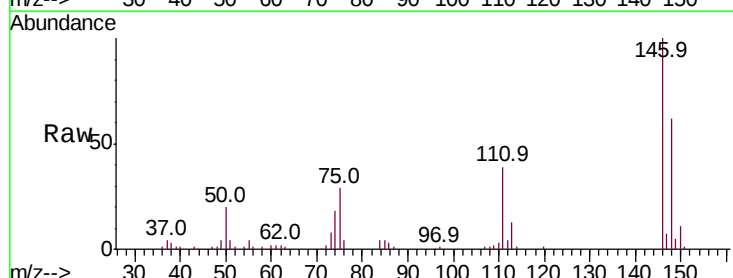
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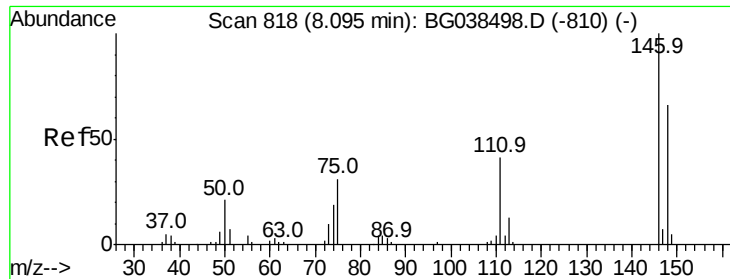
Sohil
1/9/2019 11:28:11 AM



#12
1,3-Dichlorobenzene
Concen: 37.235 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.0
75	29.1	26.1	39.1





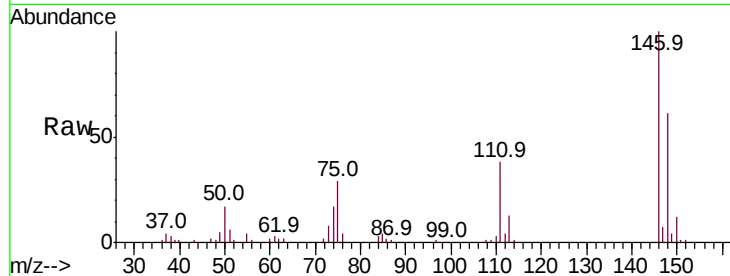
#13
 1,4-Dichlorobenzene
 Concen: 37.530 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampled :
 PB116229BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.8	52.4	78.6
111	37.7	33.0	49.4

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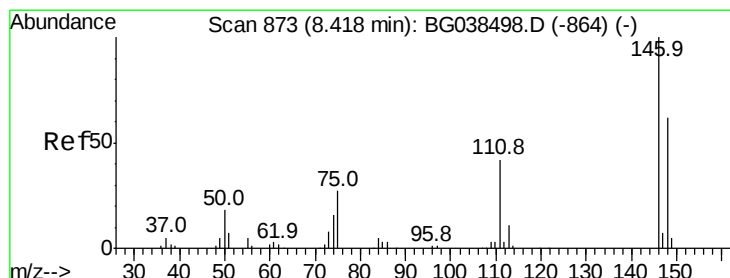
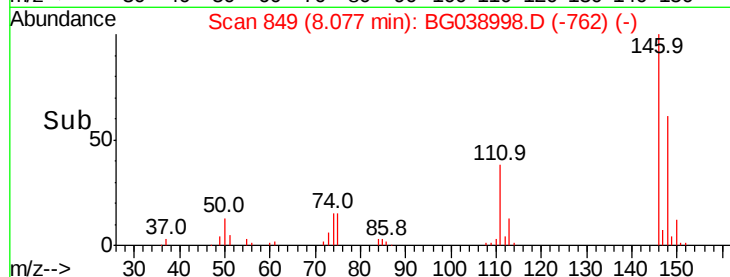
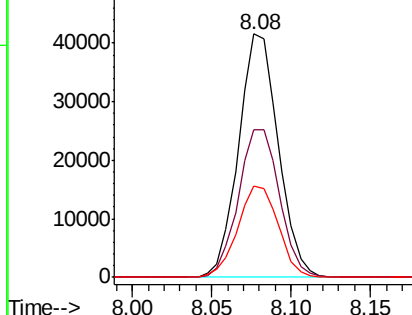


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.930 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

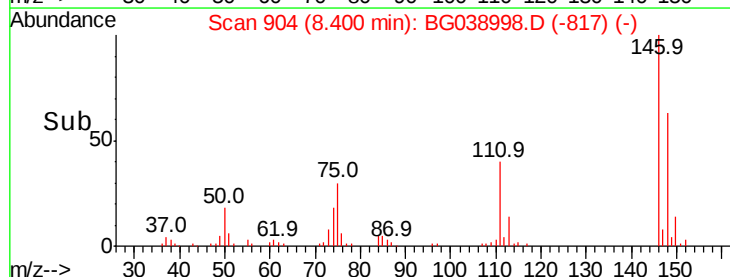
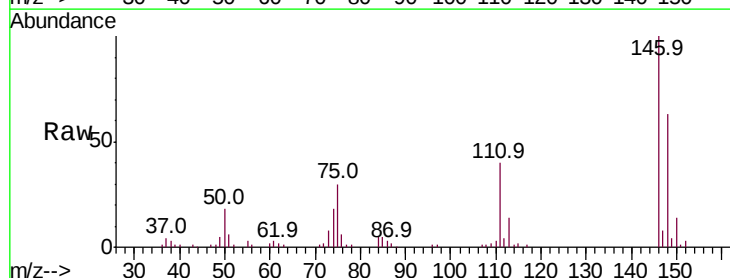
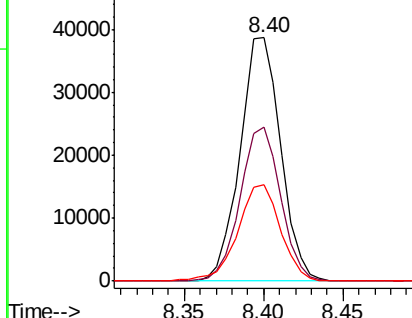
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.4	74.0
111	39.5	33.8	50.6

Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





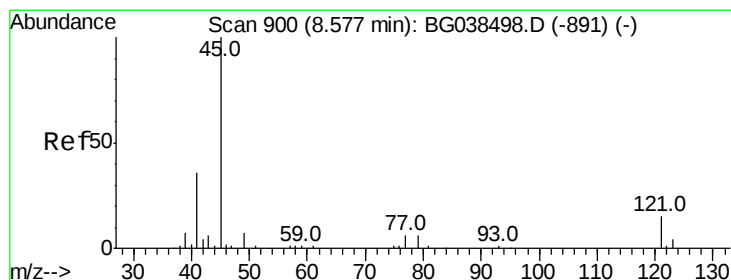
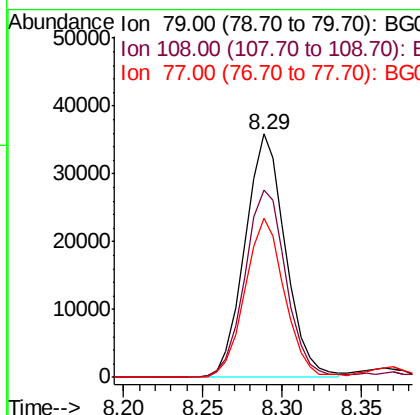
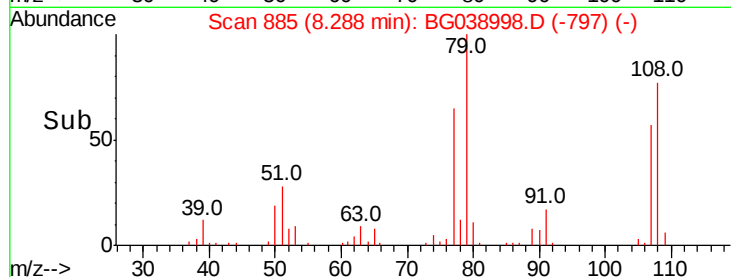
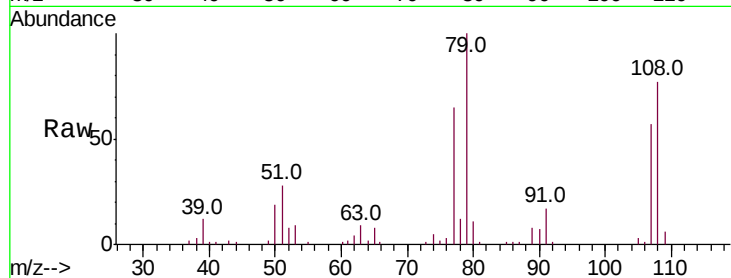
#15
Benzyl Alcohol
Concen: 43.078 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.1	60.2	90.4
77	65.3	50.7	76.1

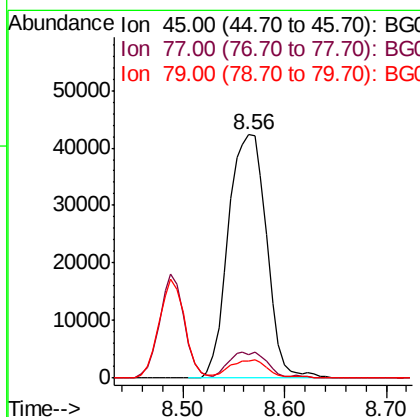
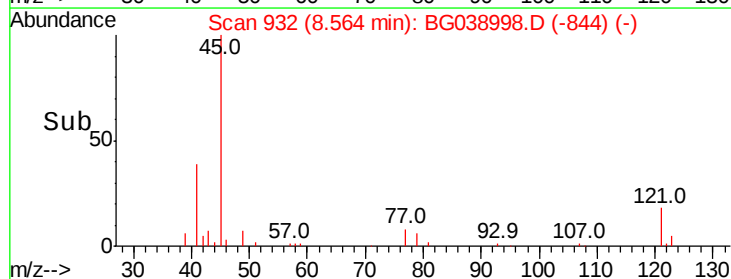
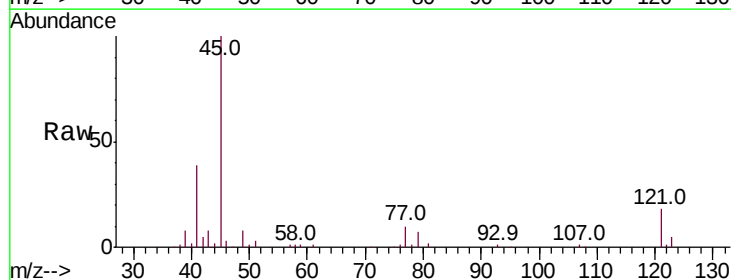
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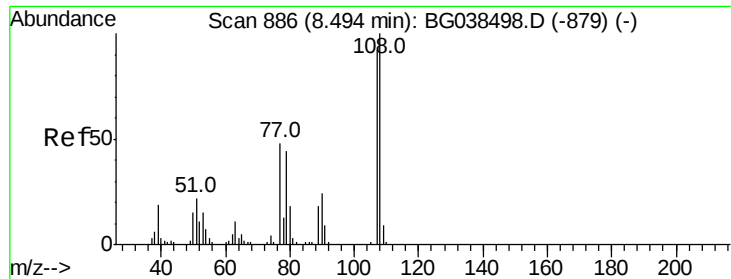
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.196 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	28.2
79	7.2	0.0	27.2





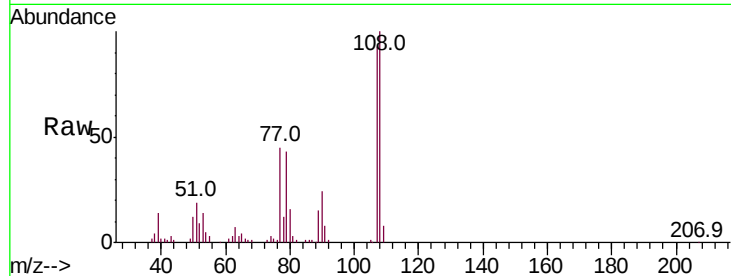
#17
2-Methylphenol
Concen: 47.023 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	107	Resp	63076
Ion Ratio	Lower	Upper	
107	100		
108	107.8	87.1	130.7
77	48.4	42.0	63.0
79	46.3	38.2	57.2

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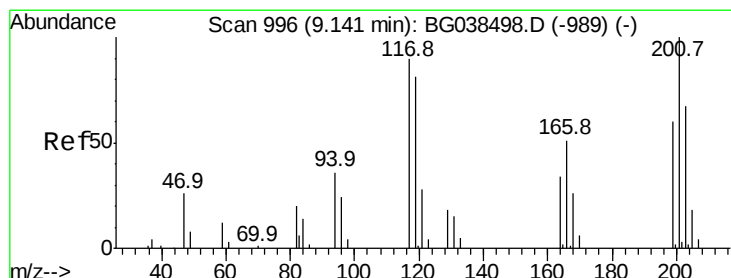
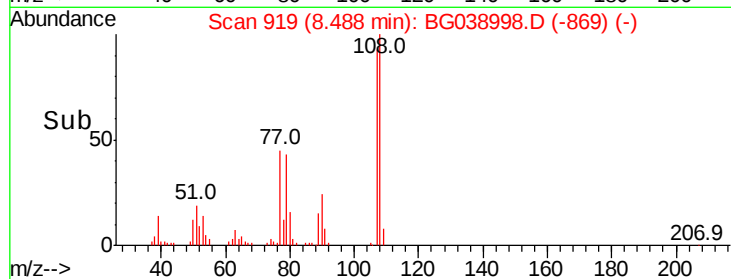
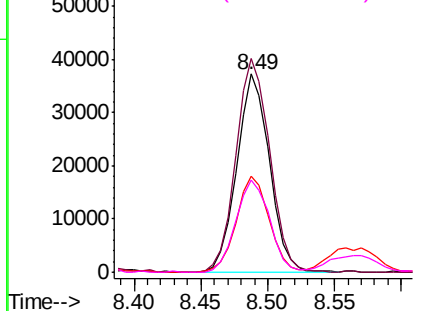
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 34.928 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

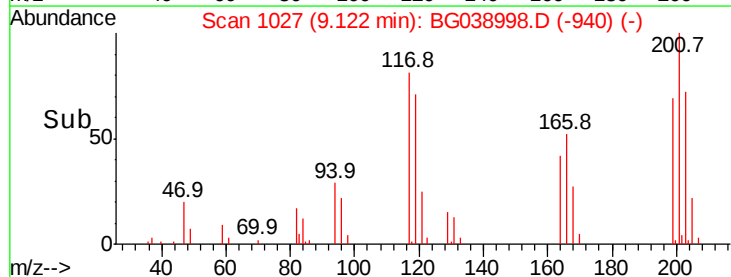
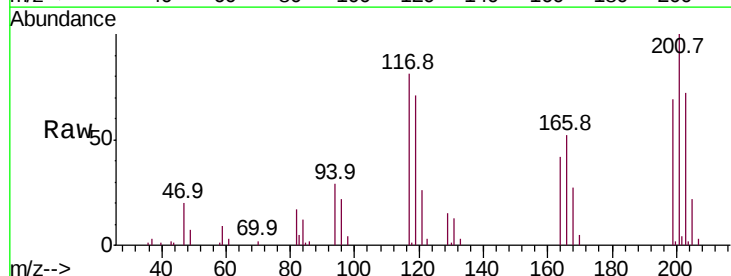
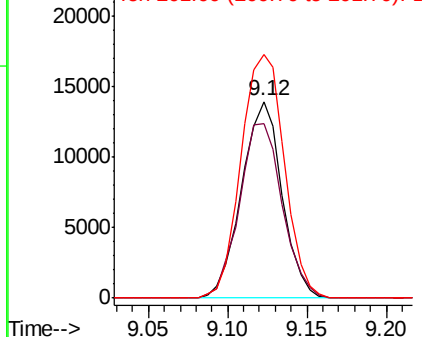
Tgt Ion	117	Resp	24553
Ion Ratio	Lower	Upper	
117	100		
119	88.5	73.8	110.8
201	128.5	89.4	134.0

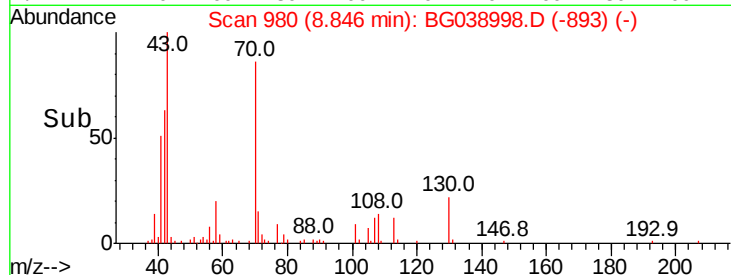
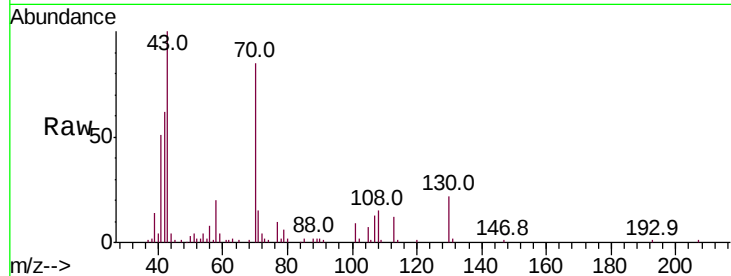
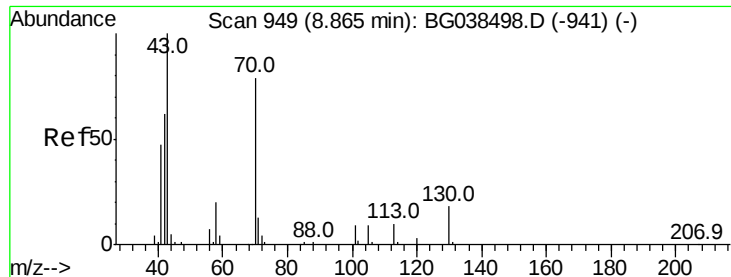
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





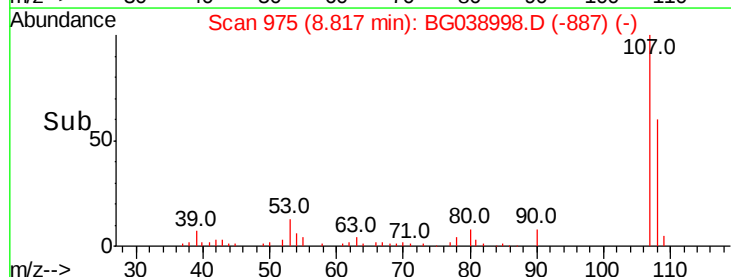
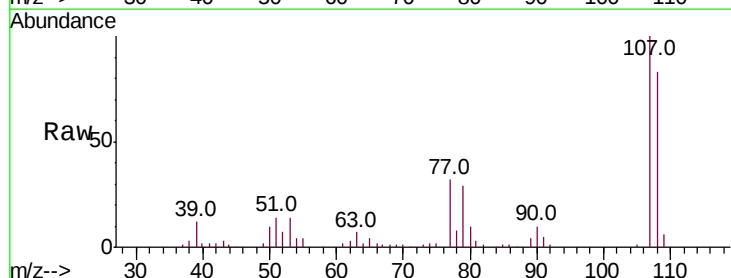
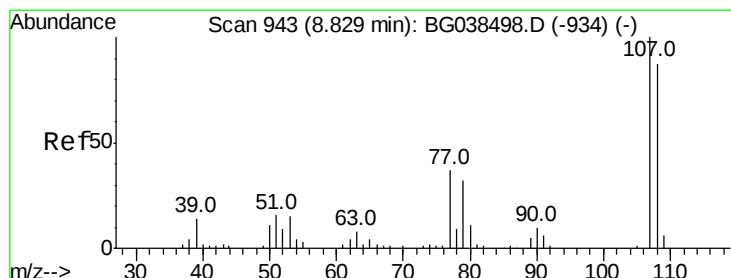
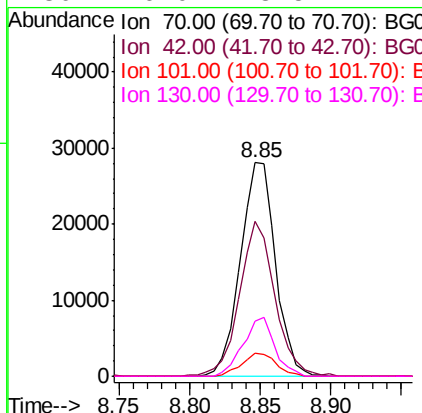
#19
n-Nitroso-di-n-propylamine
Concen: 36.985 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.7	63.6	95.4	
101	11.0	9.2	13.8	
130	26.0	18.5	27.7	

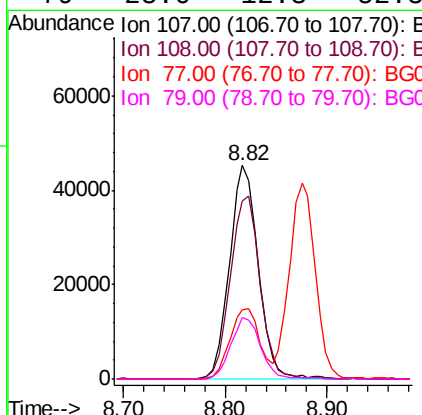
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#20
3+4-Methylphenols
Concen: 47.959 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.5	66.7	106.7	
77	32.4	17.3	57.3	
79	28.6	12.3	52.3	





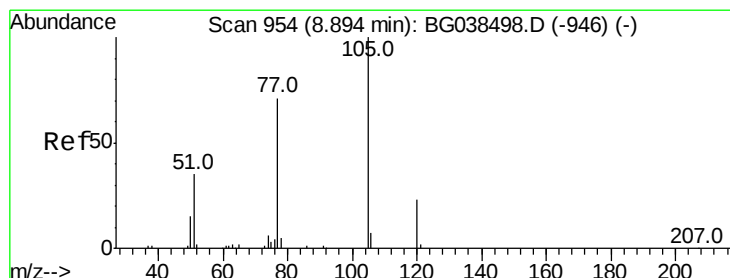
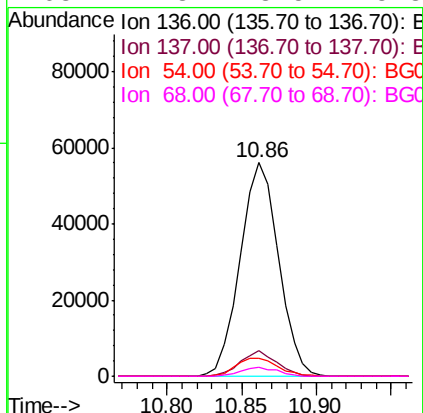
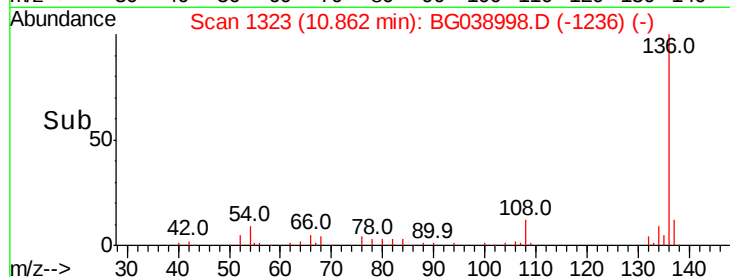
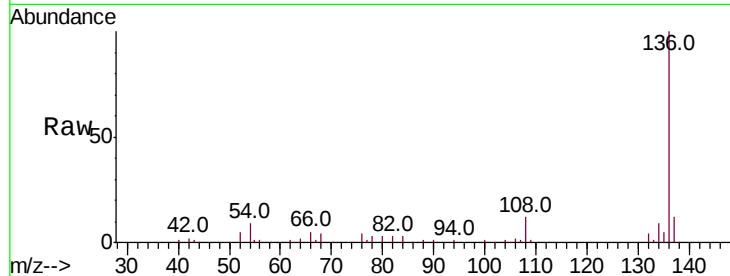
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	8.6	8.5	12.7
68	4.3	3.5	5.3

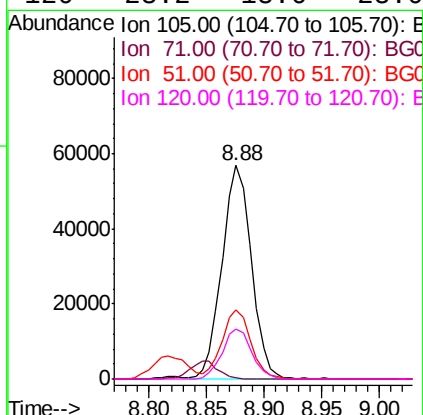
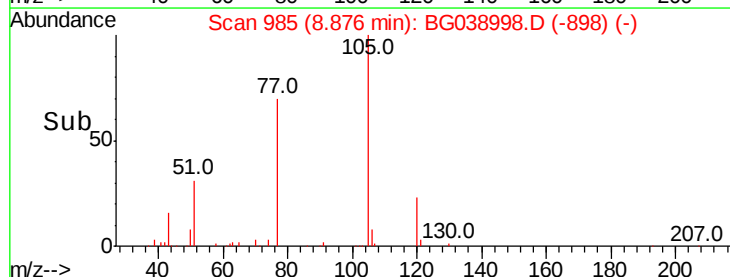
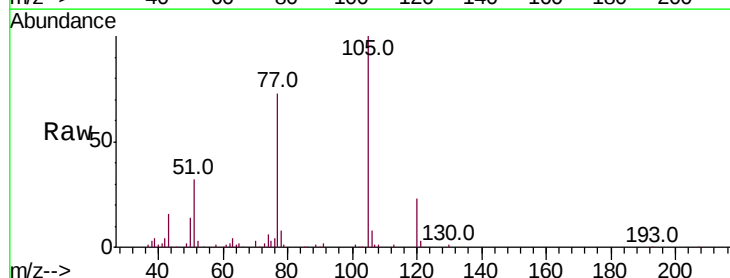
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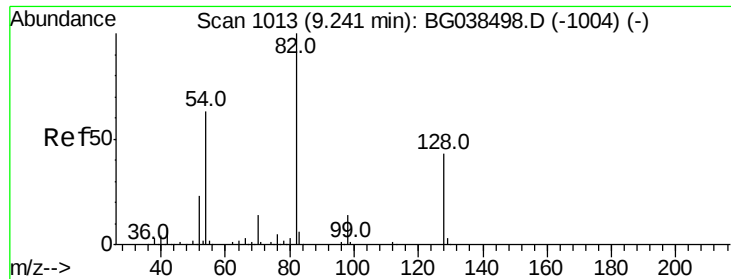
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#22
Acetophenone
Concen: 40.349 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.4	0.6
51	32.1	30.6	46.0
120	23.2	18.6	28.0





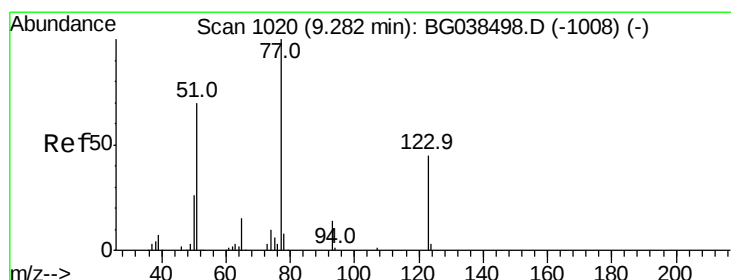
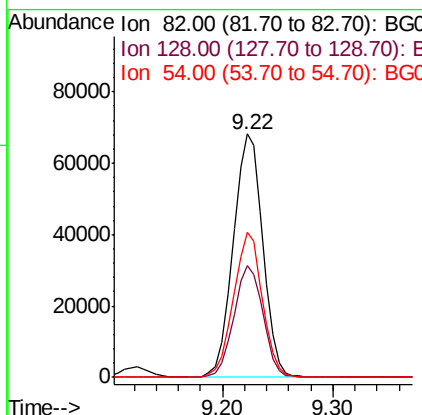
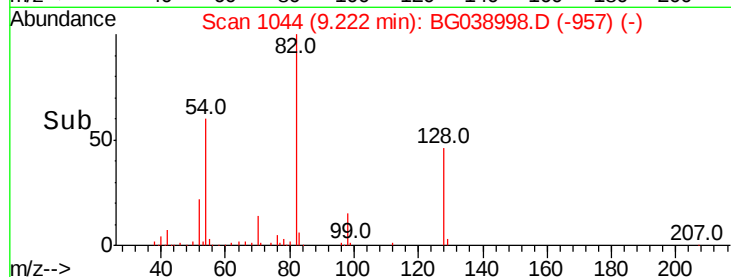
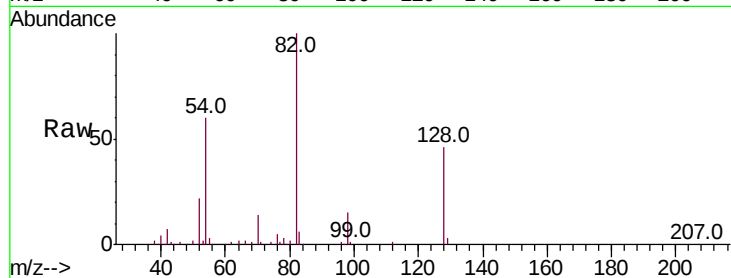
#23
Nitrobenzene-d5
Concen: 65.435 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	52.0
54	59.8	50.6	76.0

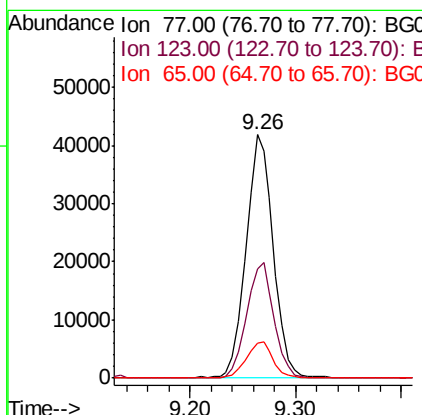
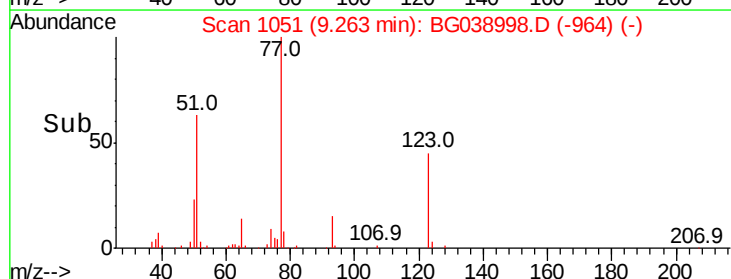
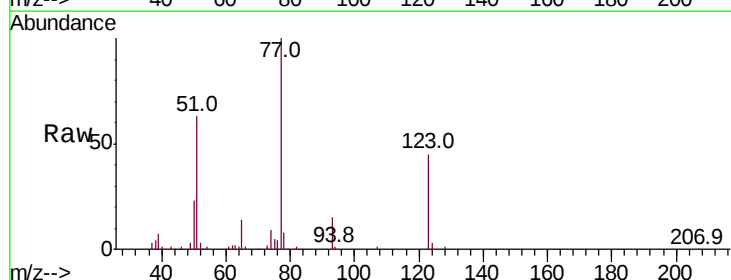
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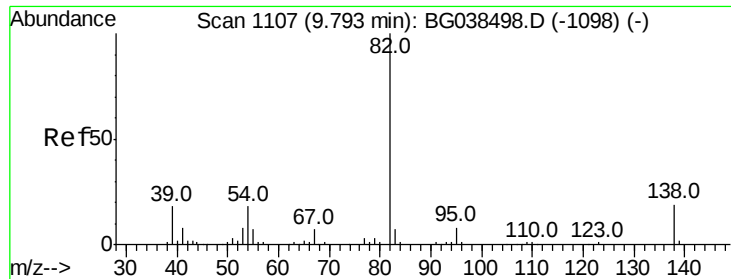
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#24
Nitrobenzene
Concen: 37.825 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.9	53.9
65	14.4	12.0	18.0





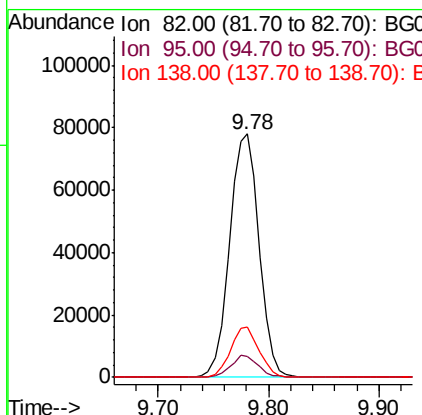
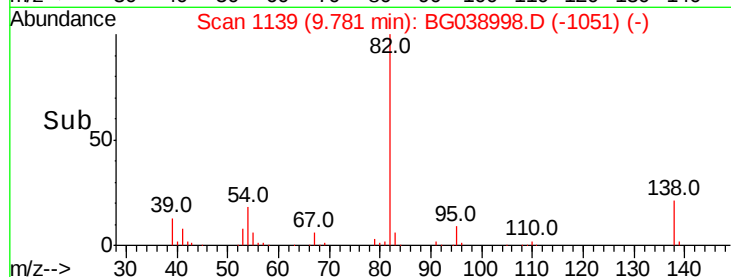
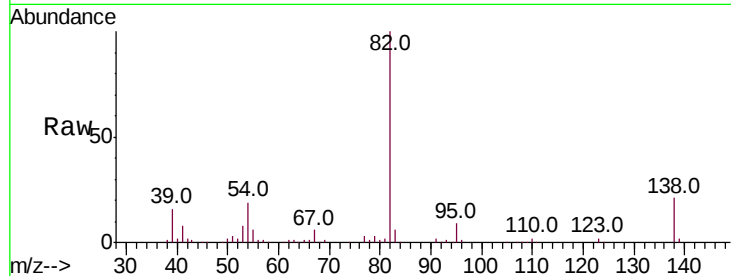
#25
Isophorone
Concen: 41.407 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.6	6.1	9.1	
138	20.8	14.9	22.3	

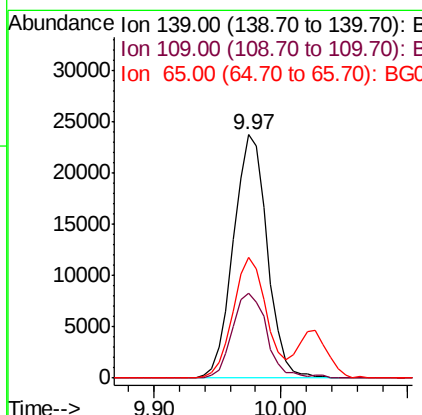
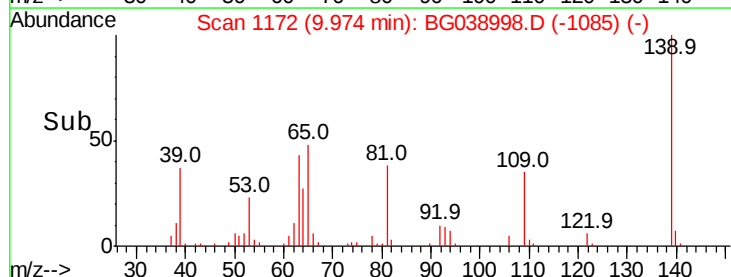
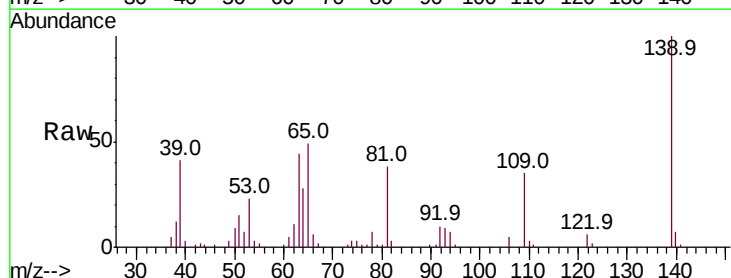
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#26
2-Nitrophenol
Concen: 43.158 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.0	29.5	44.3	
65	49.4	48.5	72.7	





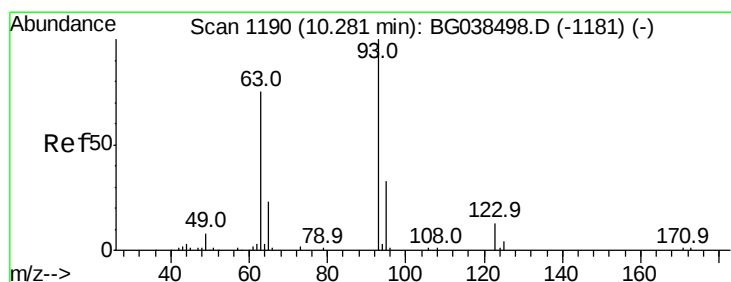
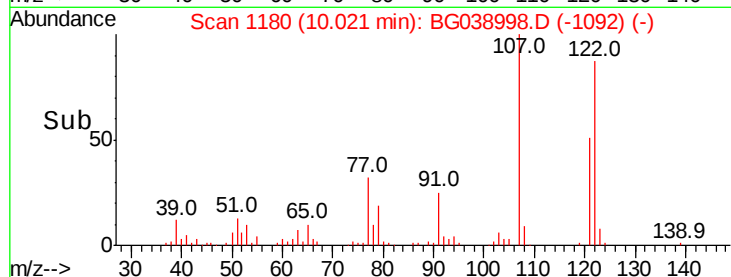
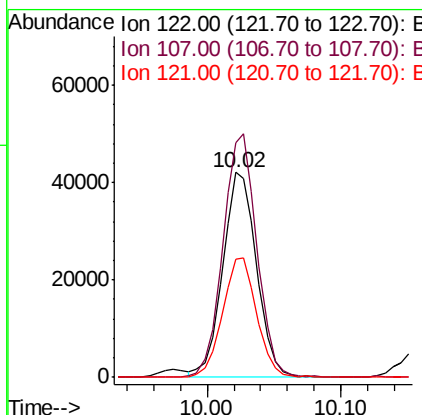
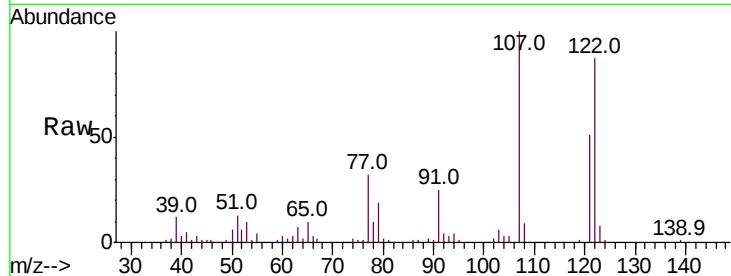
#27
 2,4-Dimethylphenol
 Concen: 51.432 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB116229BS

Tot Ion: 122 Resp: 74668
 Ion Ratio Lower Upper
 122 100
 107 114.5 98.4 147.6
 121 57.9 47.2 70.8

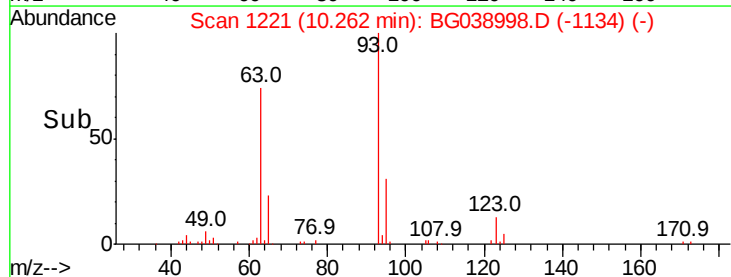
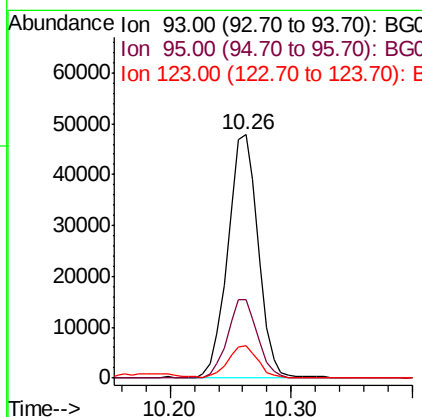
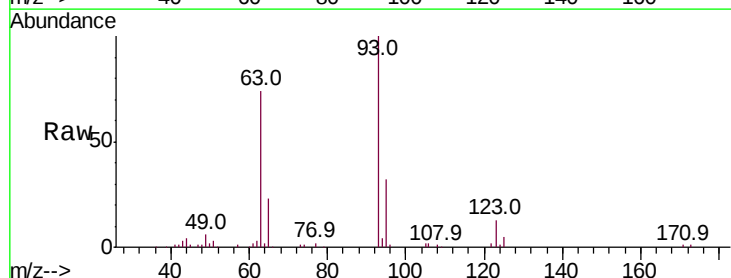
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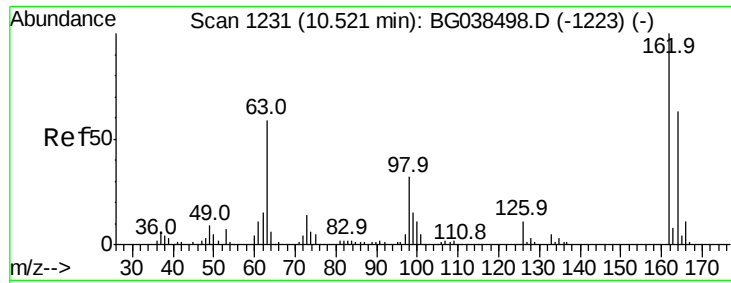
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.203 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion: 93 Resp: 83719
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.6 40.0
 123 13.1 10.6 16.0





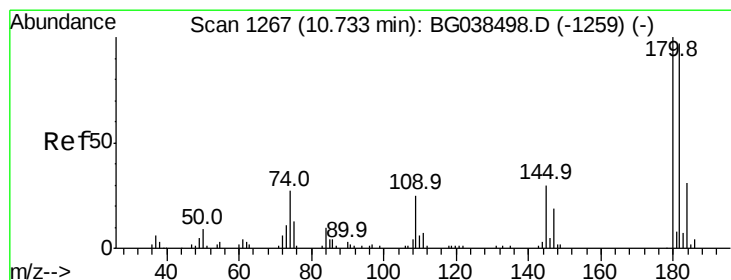
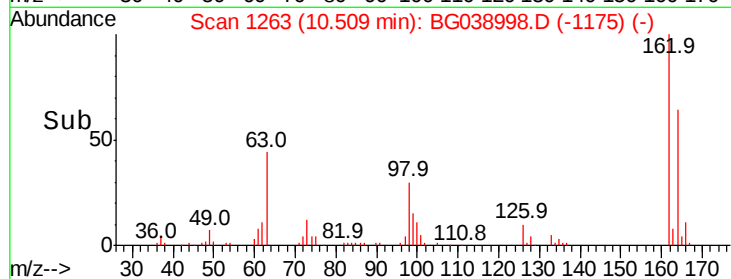
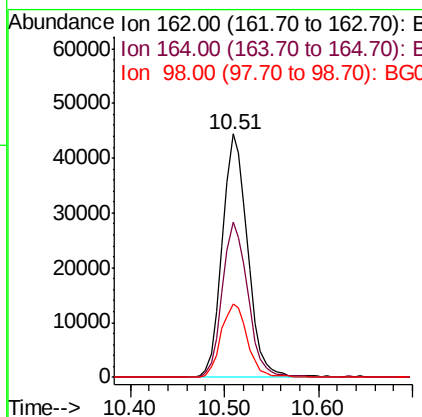
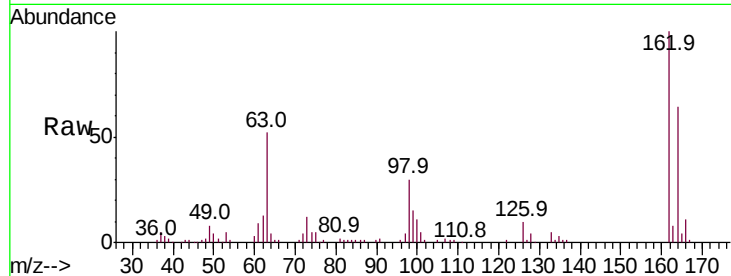
#29
 2,4-Dichlorophenol
 Concen: 51.589 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB116229BS

Tot Ion:	162	Resp:	83321
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.9	82.9
98	30.0	12.1	52.1

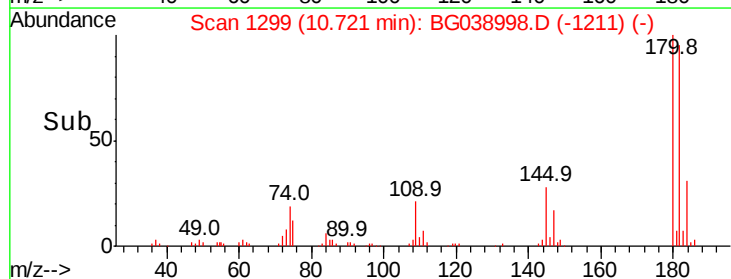
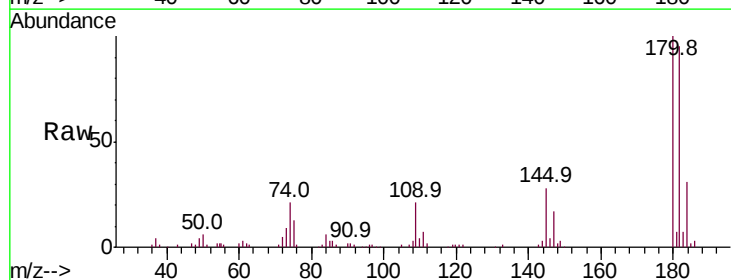
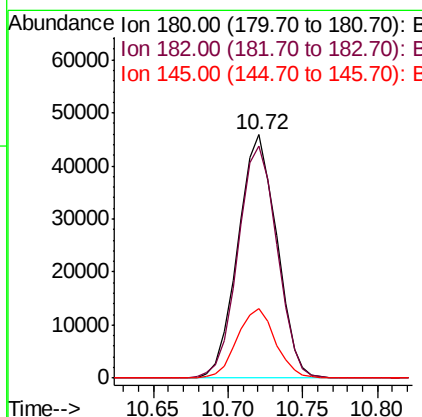
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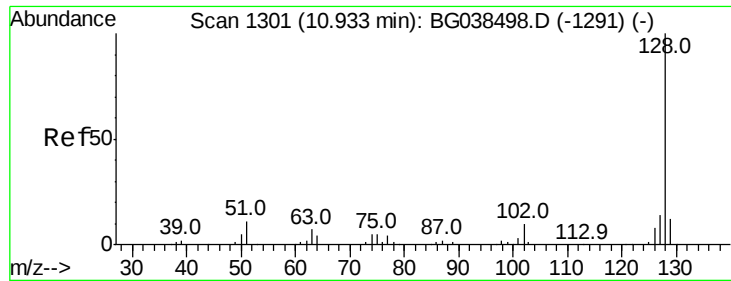
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.384 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:	180	Resp:	82686
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.4	116.0
145	28.5	24.1	36.1





#31

Naphthalene

Concen: 44.626 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

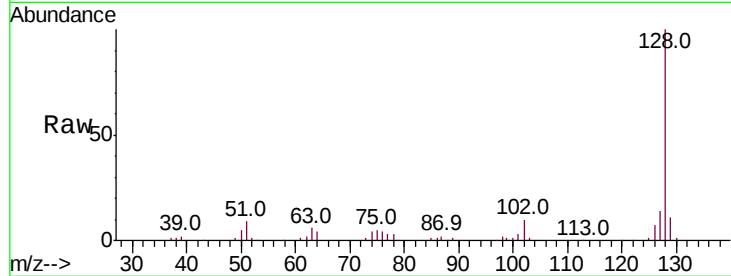
ClientSampleId :

PB116229BS

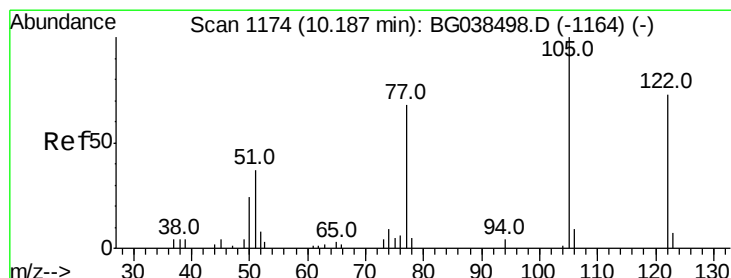
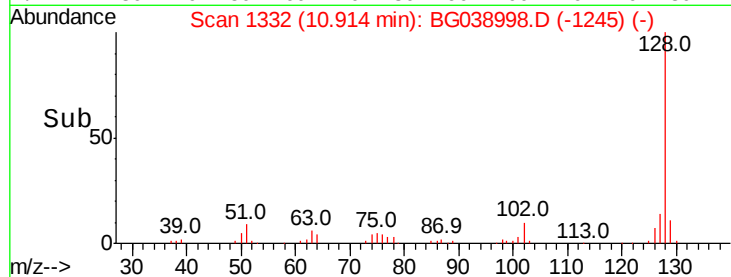
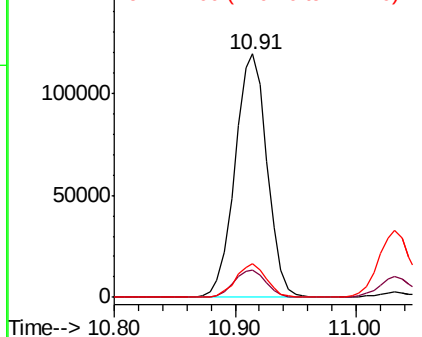
Tot Ion:	128	Resp:	219767
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.5	14.3
127	13.9	10.9	16.3

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



#32

Benzoic acid

Concen: 42.511 ng

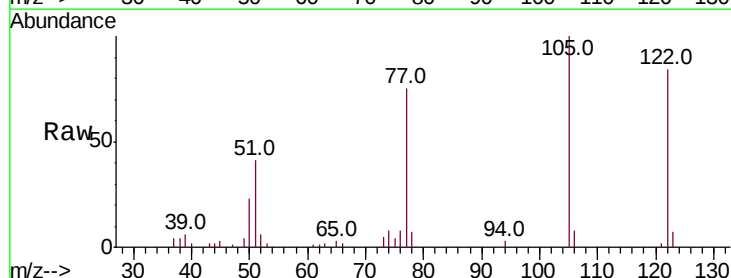
RT: 10.19 min Scan# 1208

Delta R.T. -0.00 min

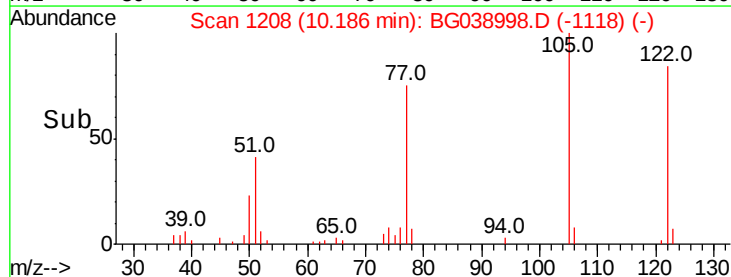
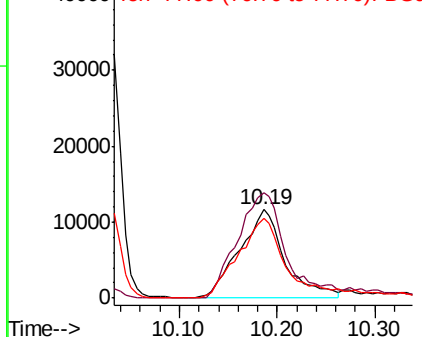
Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:	122	Resp:	37842
Ion Ratio	Lower	Upper	
122	100		
105	119.3	116.7	156.7
77	89.7	72.5	112.5



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





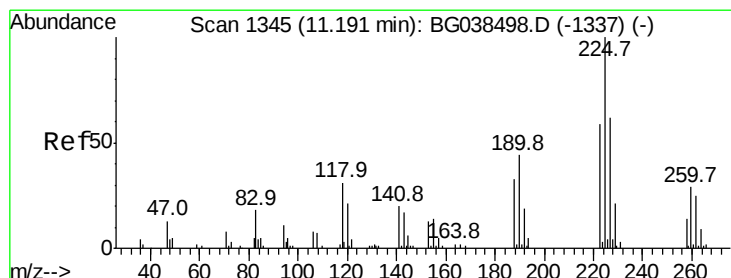
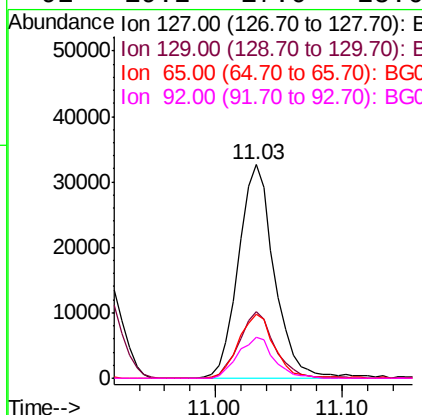
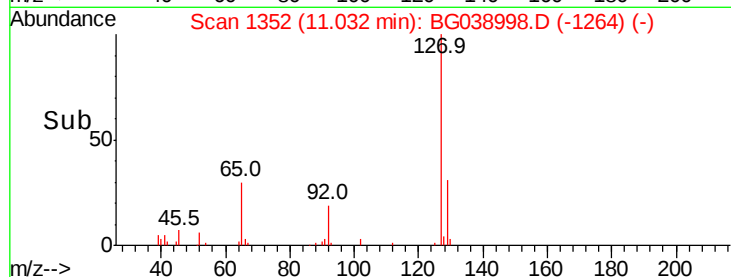
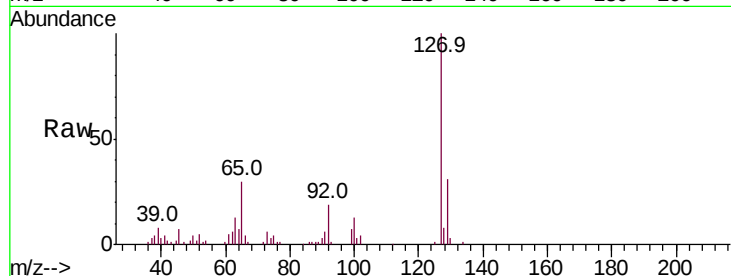
#33
4-Chloroaniline
Concen: 29.788 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	30.0	27.8	41.6
92	19.2	17.0	25.6

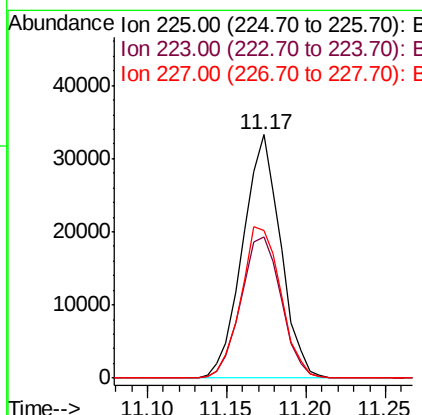
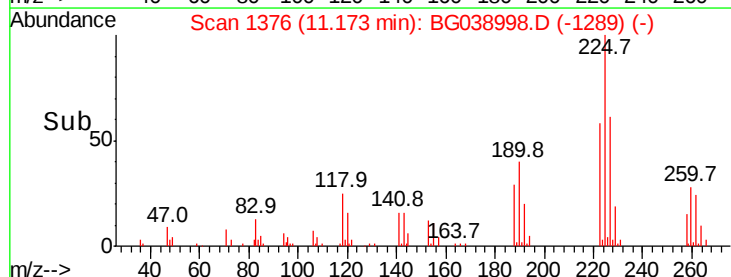
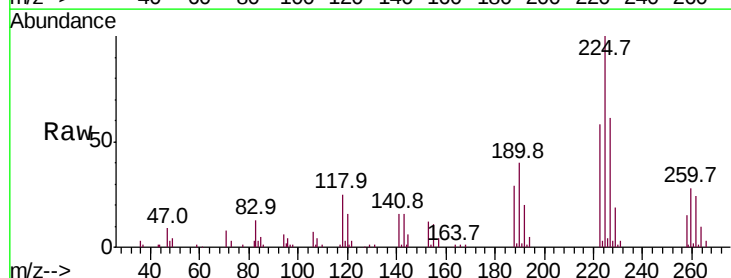
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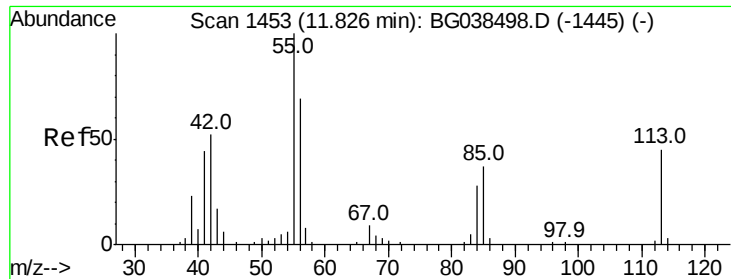
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#34
Hexachlorobutadiene
Concen: 41.810 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.9	45.0	67.6
227	60.7	50.6	75.8





#35

Caprolactam

Concen: 41.164 ng/ml

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampled :

PB116229BS

Tot Ion:113 Resp: 27514

Ion Ratio Lower Upper

113 100

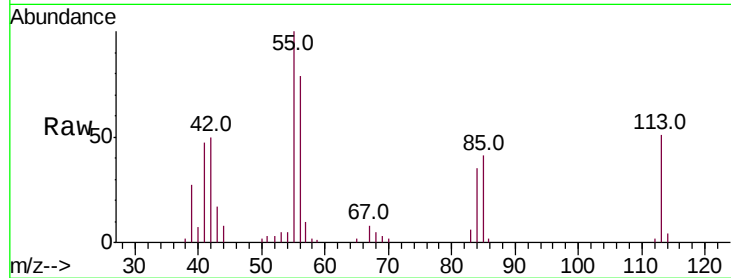
55 197.2 204.3 244.3#

56 155.1 135.0 175.0

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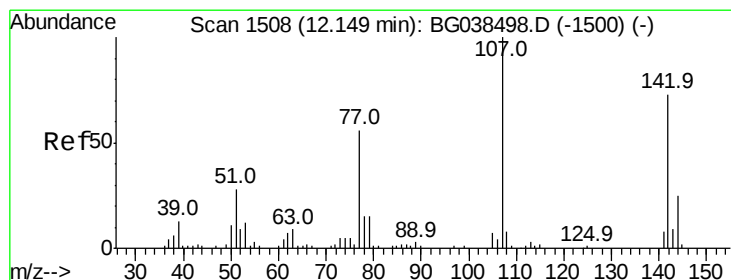
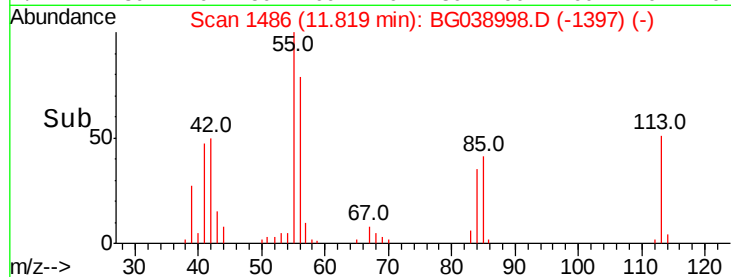
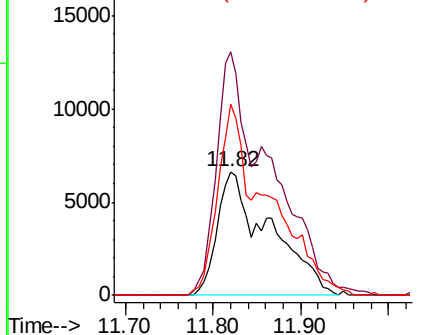
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.818 ng/ml

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

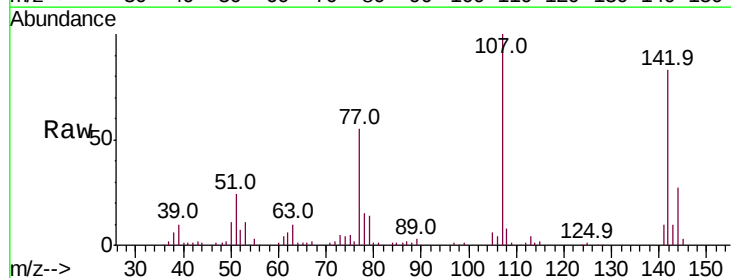
Tgt Ion:107 Resp: 86291

Ion Ratio Lower Upper

107 100

144 26.7 20.1 30.1

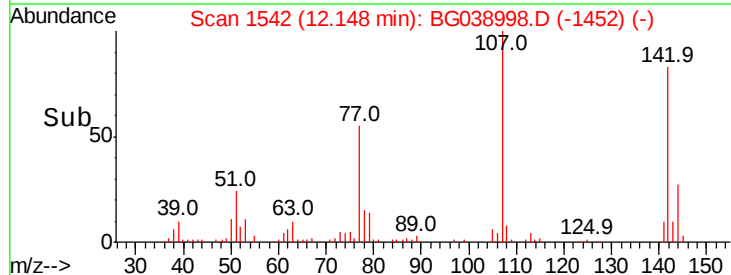
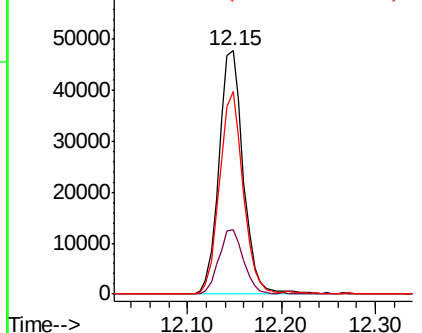
142 83.4 58.7 88.1

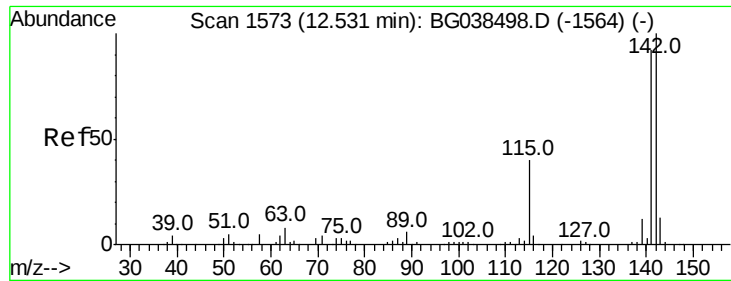


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





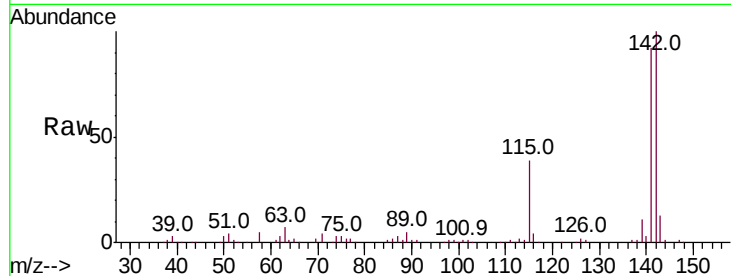
#37
2-Methylnaphthalene
Concen: 49.154 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.5	110.3
115	38.8	31.7	47.5

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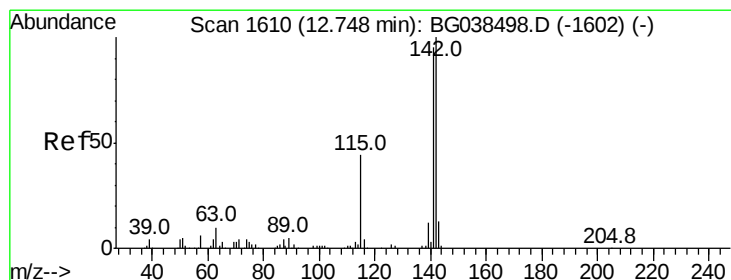
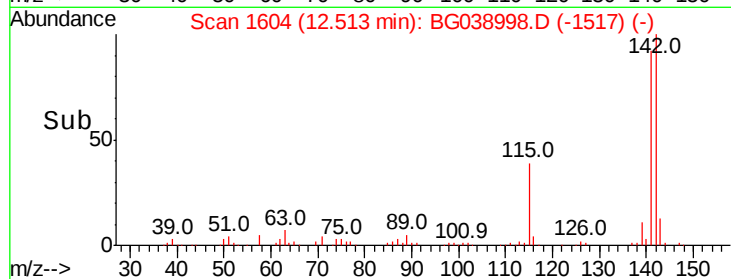
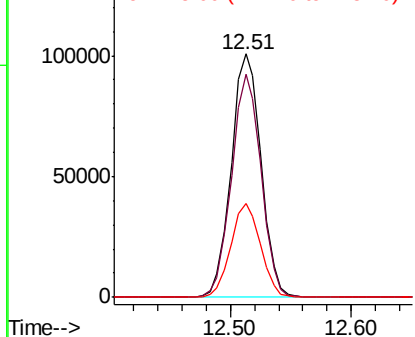


Abundance

Ion 142.00 (141.70 to 142.70): E

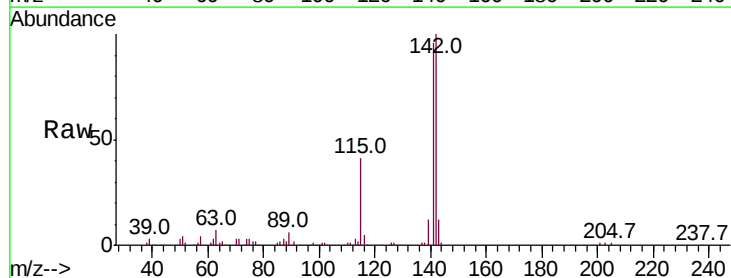
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.308 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	75.8	113.8
116	5.1	3.6	5.4

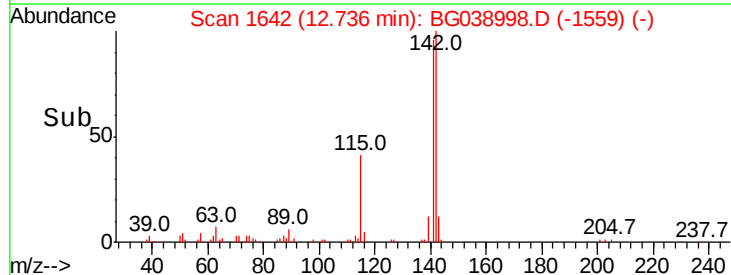
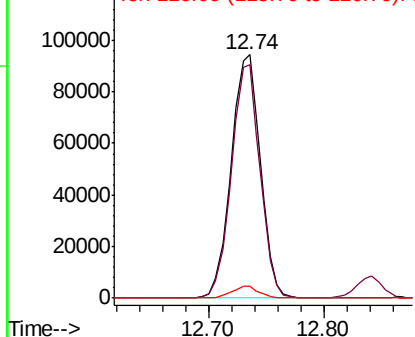


Abundance

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





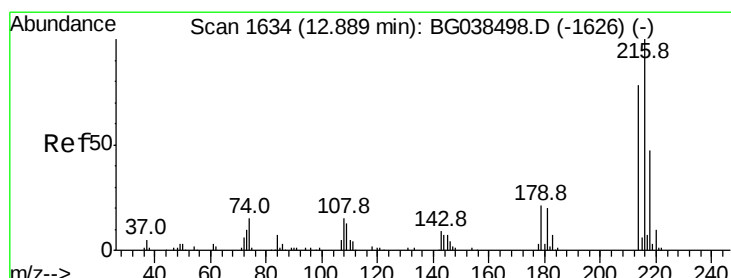
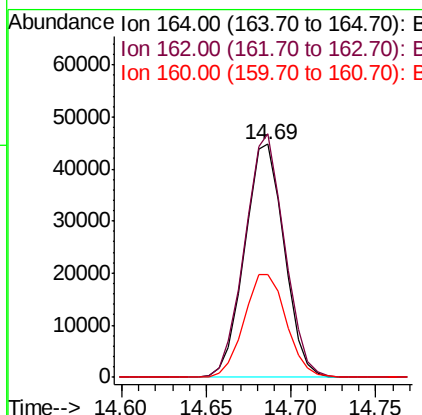
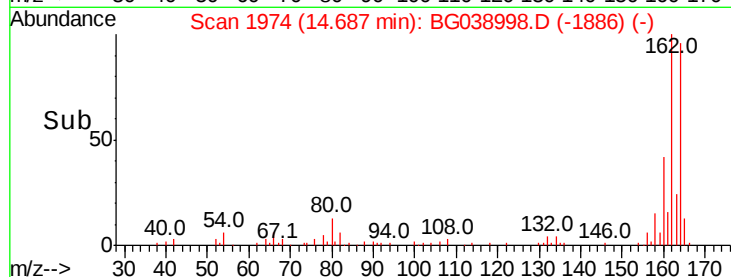
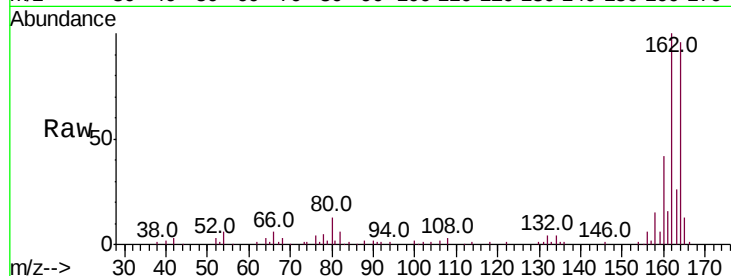
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.6	130.0
160	44.0	34.2	51.2

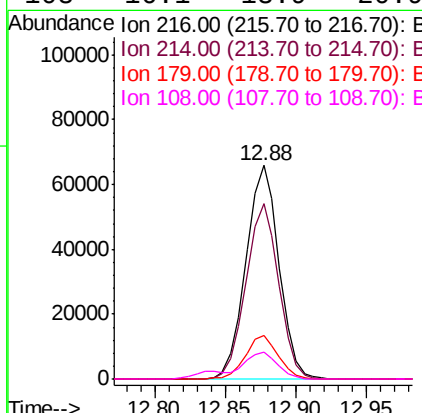
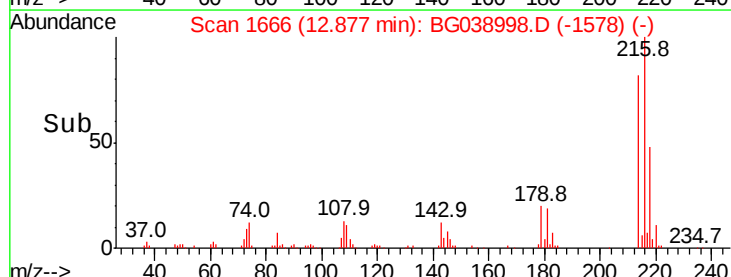
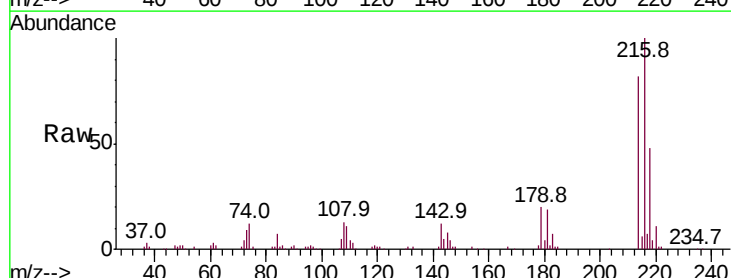
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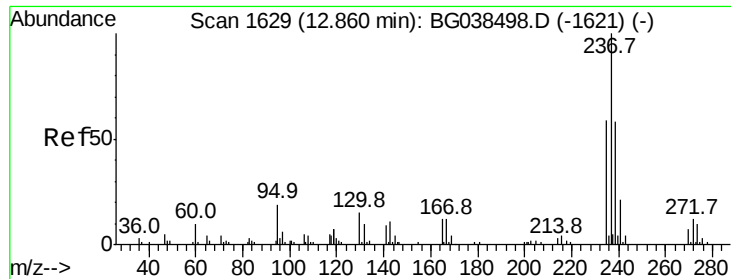
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.466 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.6	64.1	96.1
179	20.0	16.4	24.6
108	16.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 89.100 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

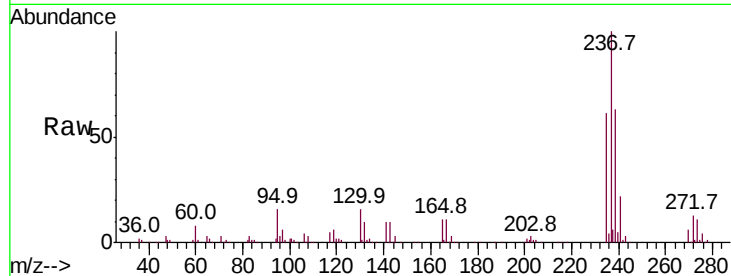
ClientSampleId :

PB116229BS

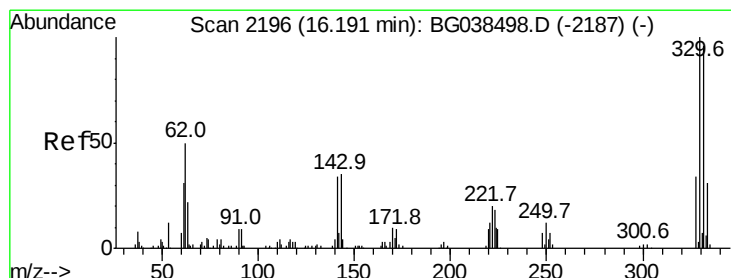
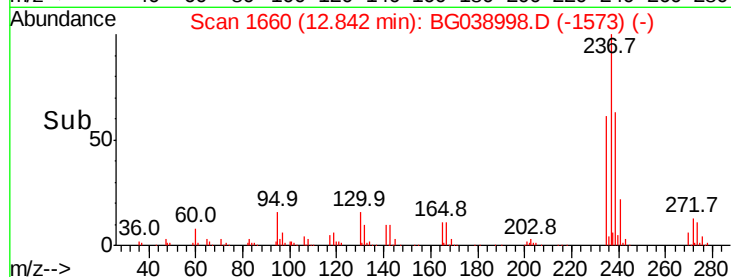
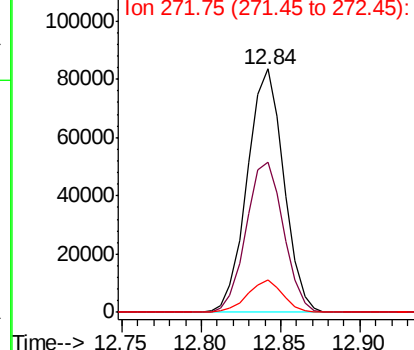
Tot Ion:	237	Resp:	133757
Ion Ratio	Lower	Upper	
237	100		
235	61.5	38.8	78.8
272	13.4	0.0	32.0

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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: 157.545 ng

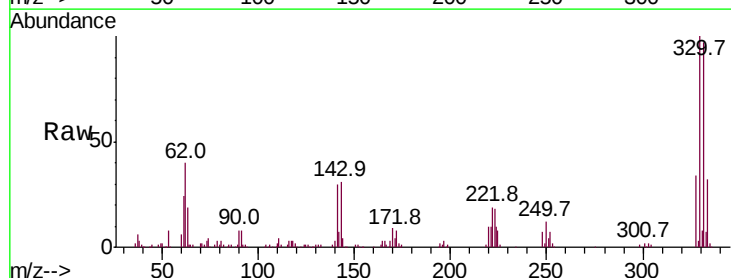
RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

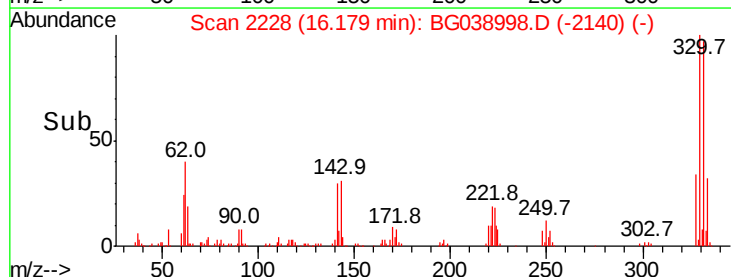
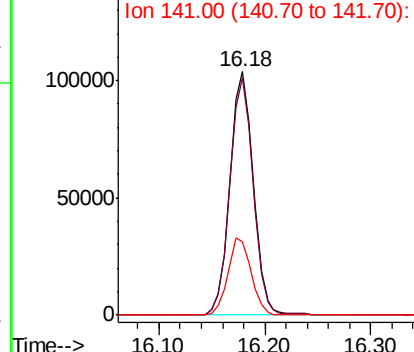
Lab File: BG038998.D

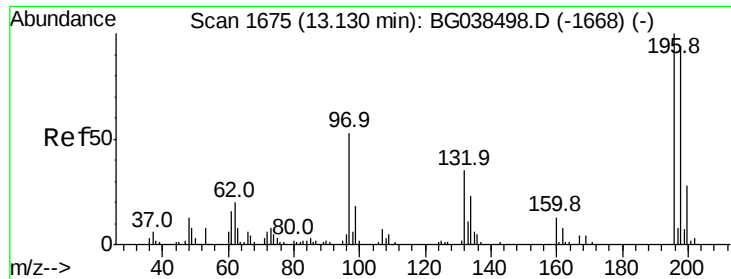
Acq: 8 Jan 2019 17:54

Tgt Ion:	330	Resp:	158719
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.9	115.3
141	31.5	28.8	43.2



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





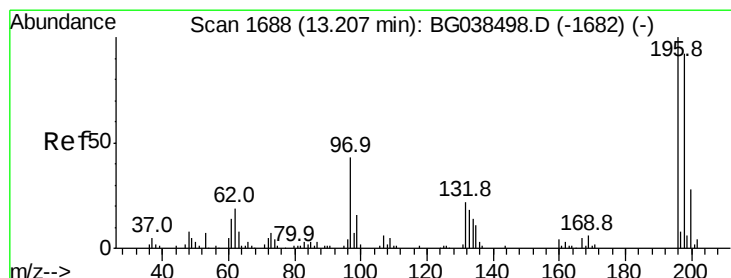
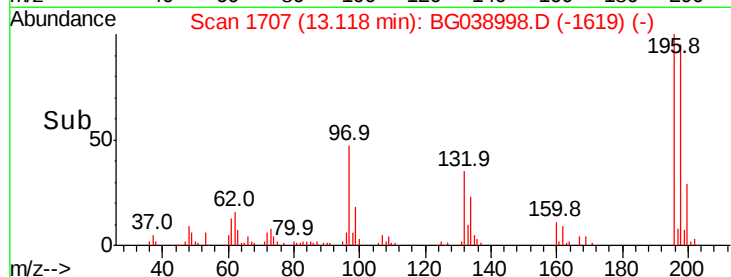
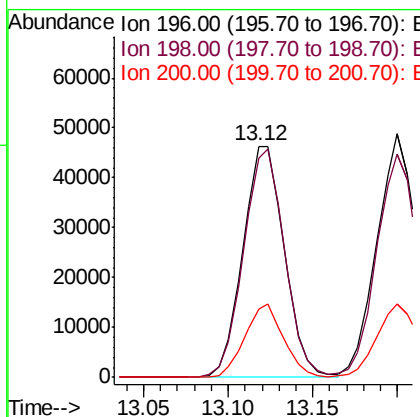
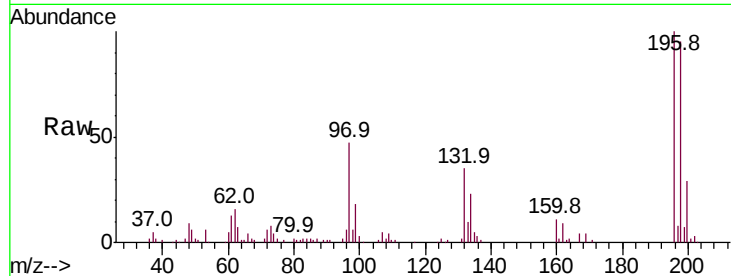
#43
 2,4,6-Trichlorophenol
 Concen: 47.135 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB116229BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	79191		
198	94.9	75.0	112.4	
200	29.5	22.4	33.6	

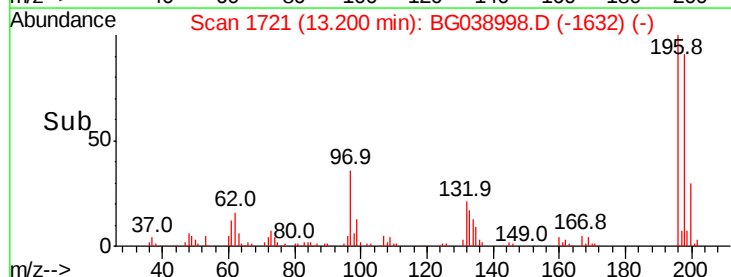
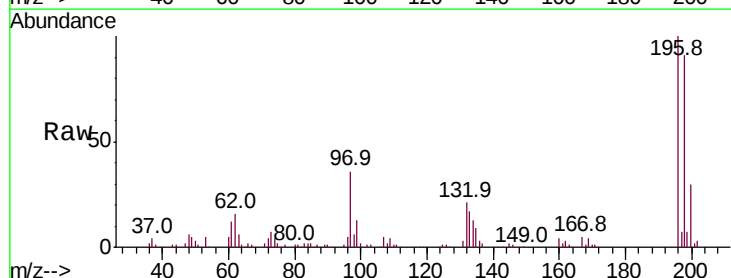
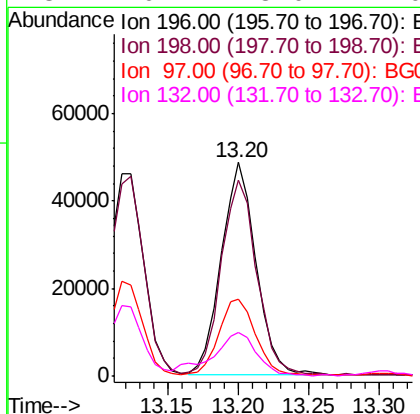
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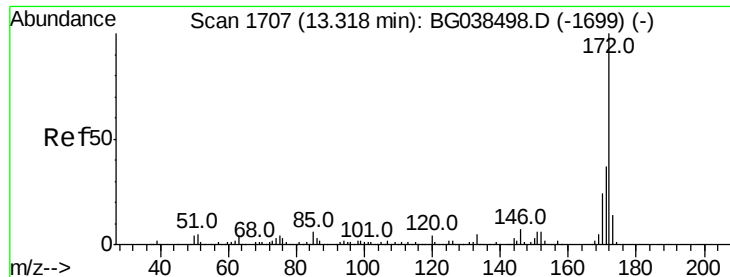
Sohil
 1/9/2019 11:28:11 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.573 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	82845		
198	91.5	74.0	111.0	
97	35.9	35.1	52.7	
132	20.7	18.0	27.0	





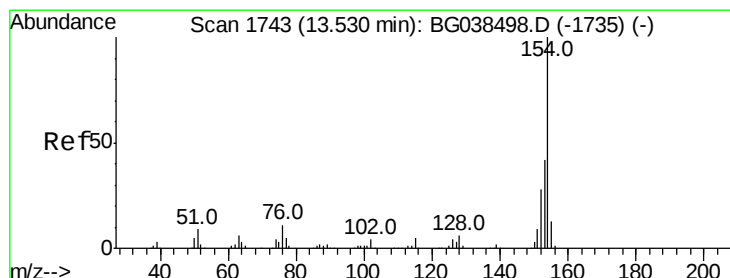
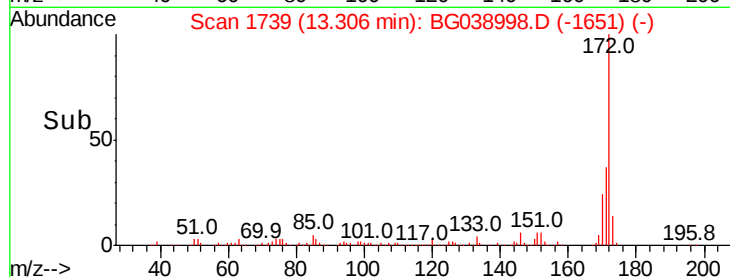
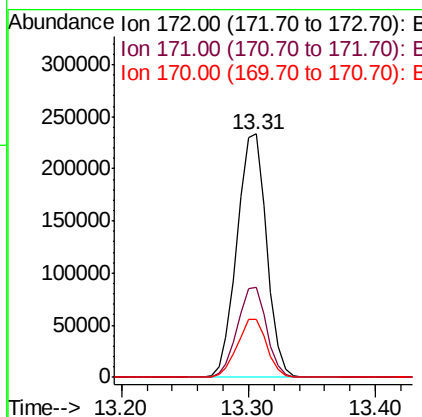
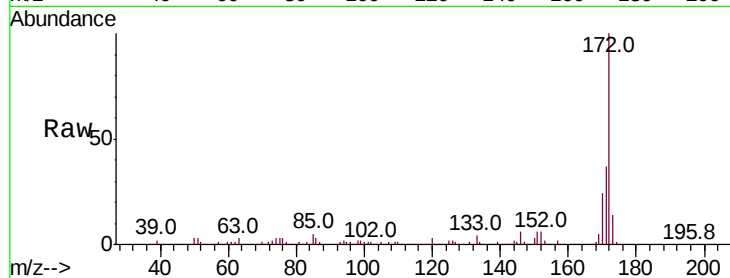
#45
2-Fluorobiphenyl
Concen: 70.743 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	376961		
171	36.9	29.8	44.6	
170	24.1	19.5	29.3	

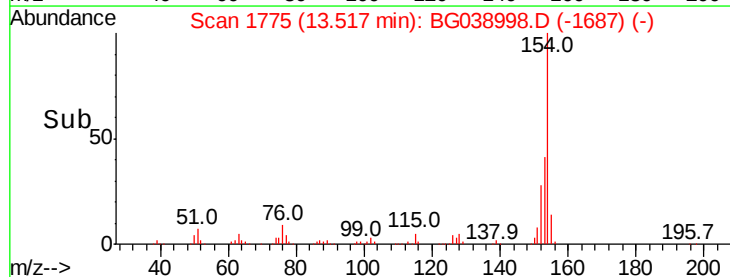
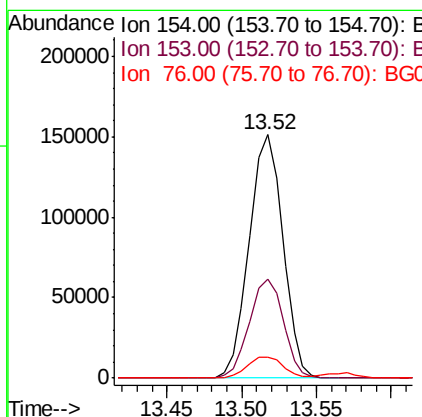
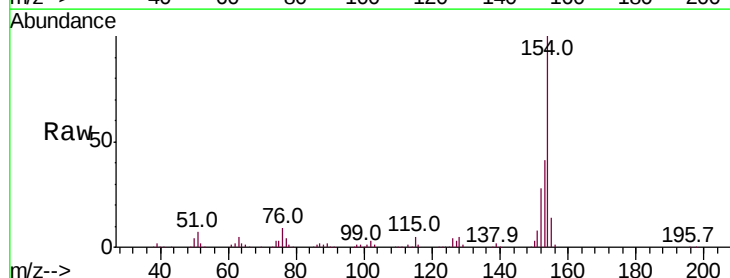
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#46
1,1'-Biphenyl
Concen: 38.680 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	237037		
153	40.5	22.1	62.1	
76	8.6	0.0	31.2	





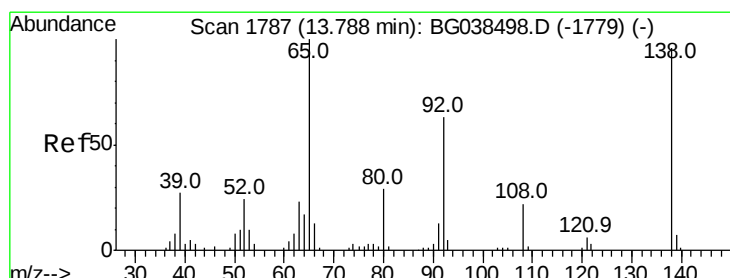
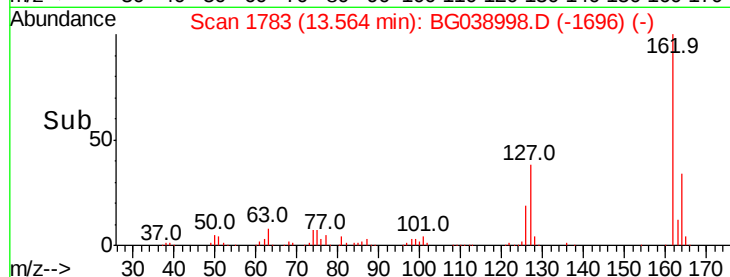
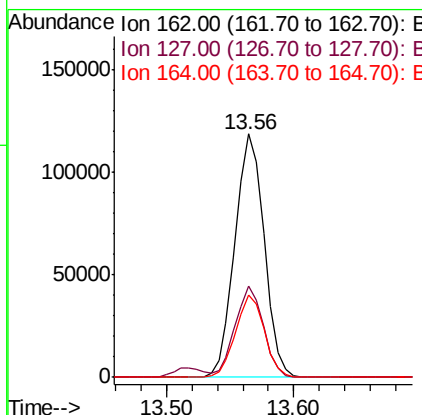
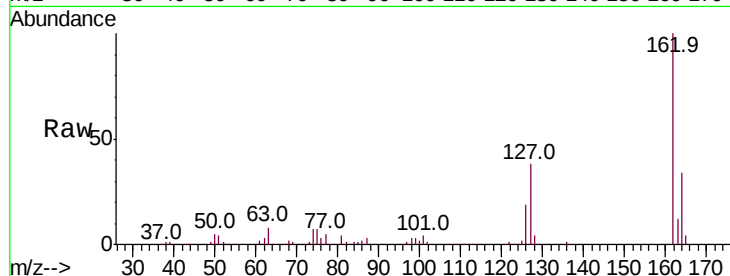
#47
 2-Chloronaphthalene
 Concen: 40.016 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB116229BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	27.8	41.8
164	33.8	26.9	40.3

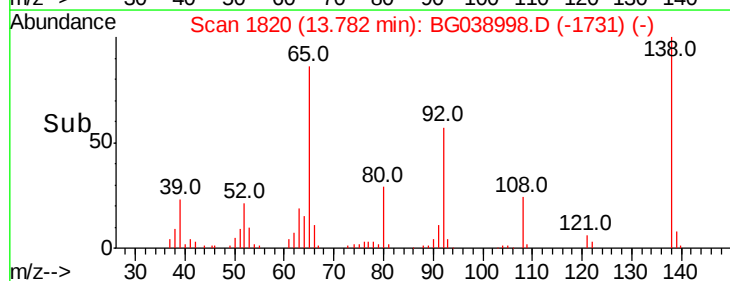
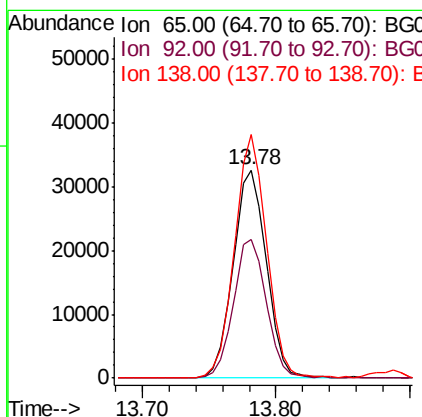
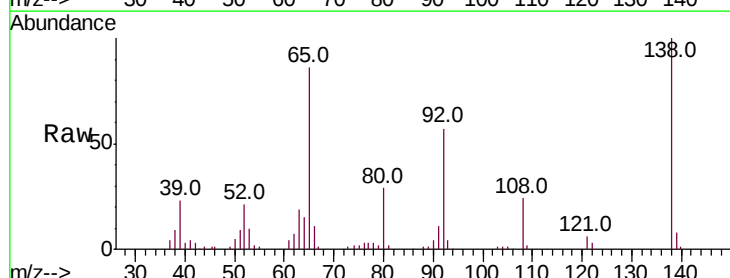
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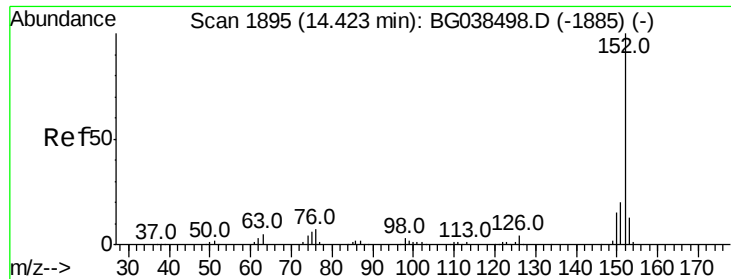
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#48
 2-Nitroaniline
 Concen: 37.251 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	50.0	75.0
138	116.9	76.9	115.3





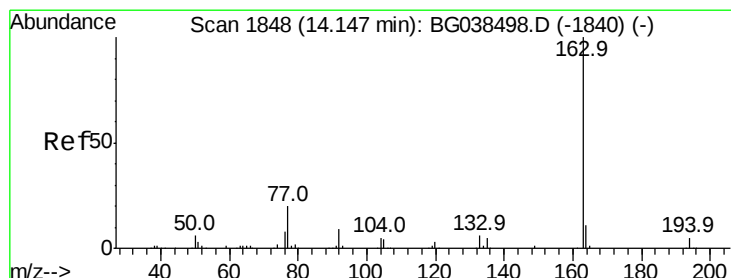
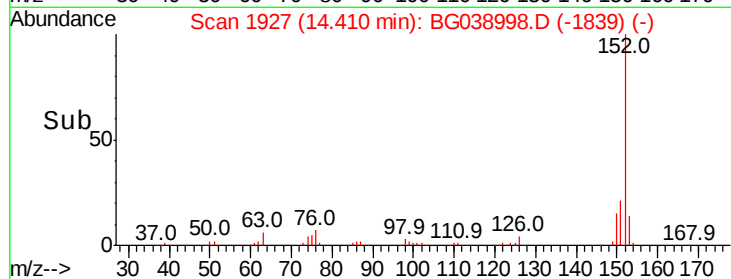
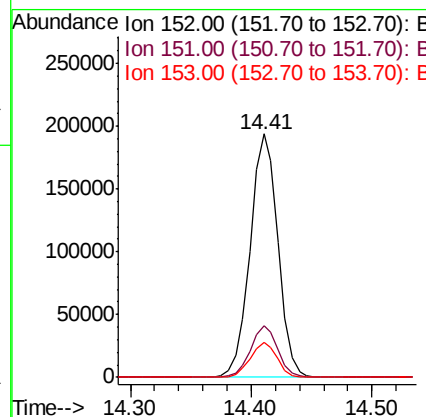
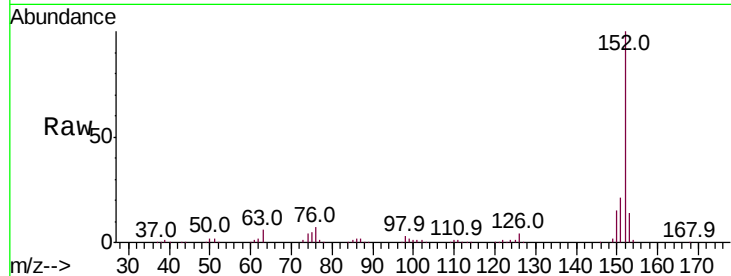
#49
Acenaphthylene
Concen: 43.801 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampled :
PB116229BS

Tot Ion:	152	Resp:	309967
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.4	24.6
153	14.3	10.4	15.6

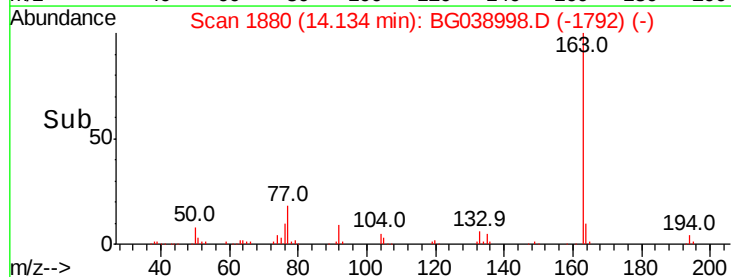
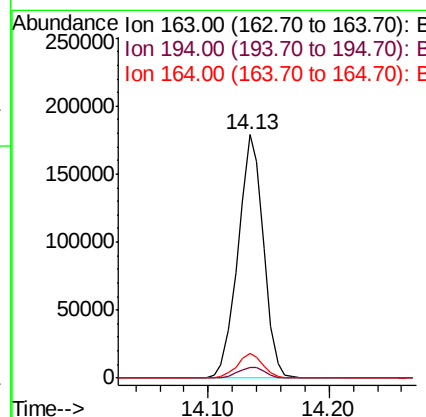
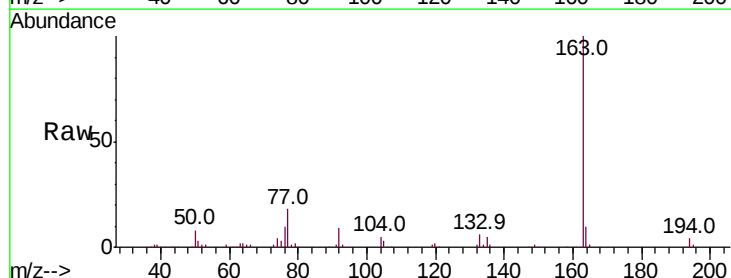
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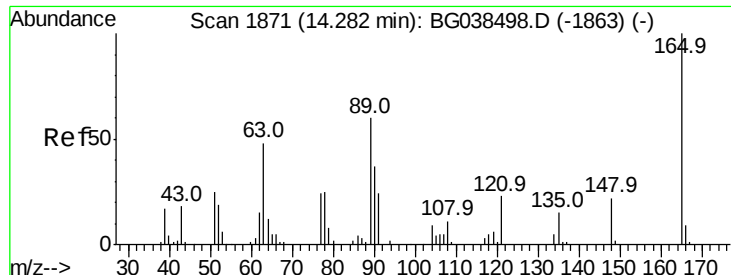
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#50
Dimethylphthalate
Concen: 43.835 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion:	163	Resp:	261678
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.7	5.5
164	10.4	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 43.417 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

ClientSampleId :

PB116229BS

Tot Ion:165 Resp: 58735

Ion Ratio Lower Upper

165 100

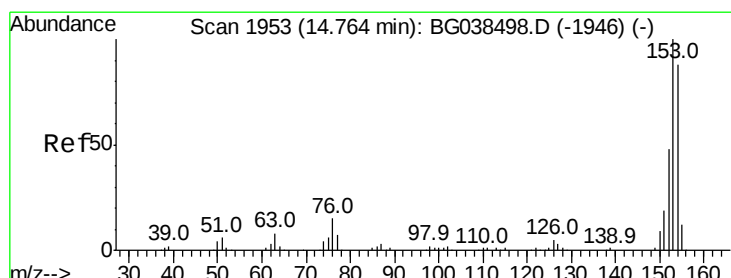
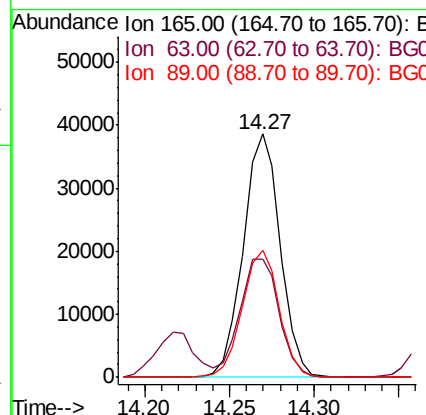
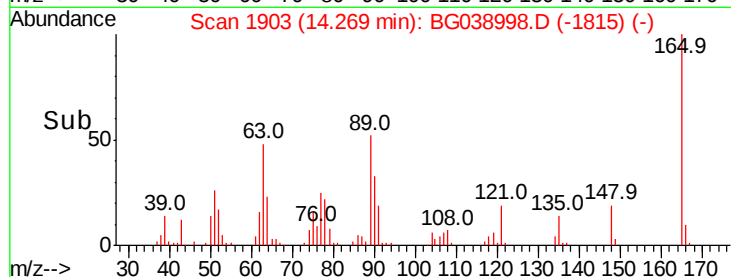
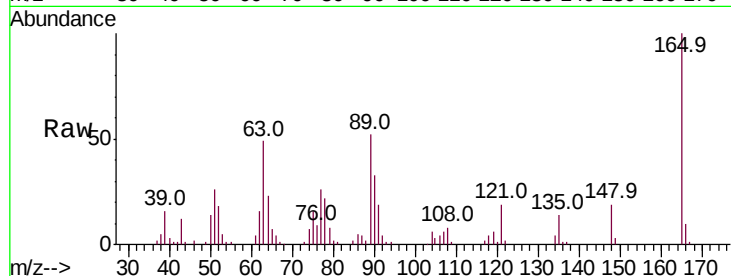
63 48.7 51.8 77.6#

89 52.2 47.9 71.9

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#52

Acenaphthene

Concen: 42.193 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

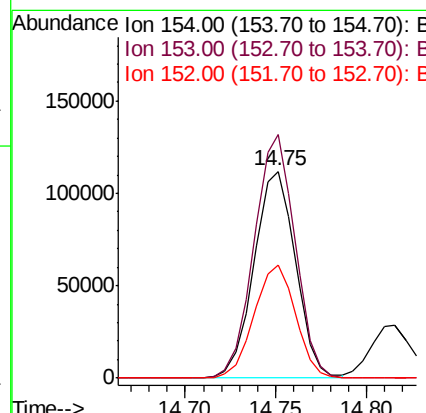
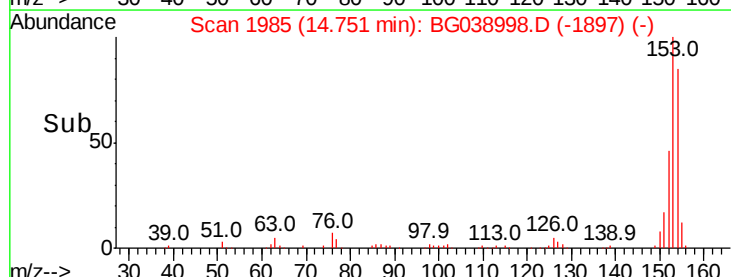
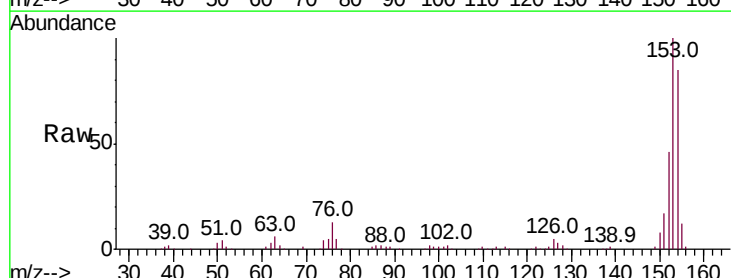
Tgt Ion:154 Resp: 178544

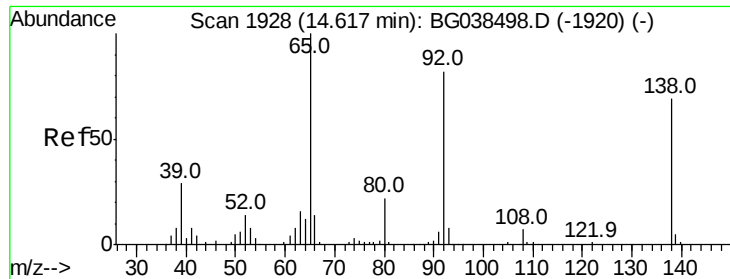
Ion Ratio Lower Upper

154 100

153 117.8 90.6 136.0

152 54.6 43.5 65.3





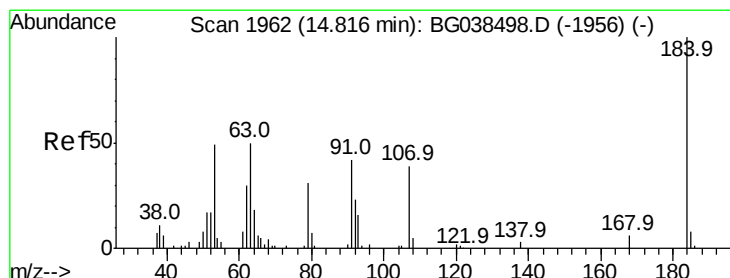
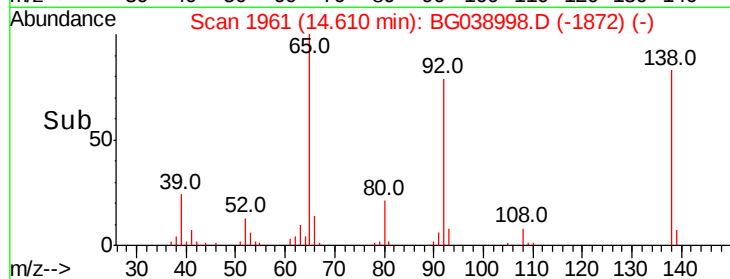
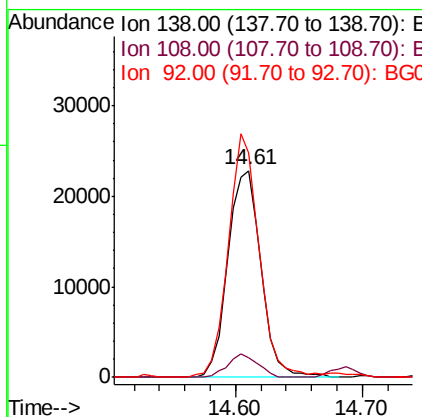
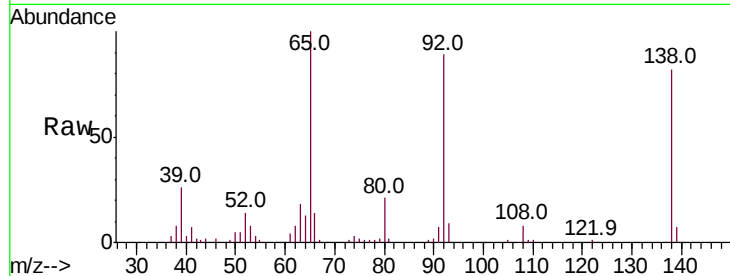
#53
3-Nitroaniline
Concen: 29.857 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	108.7	95.3	142.9

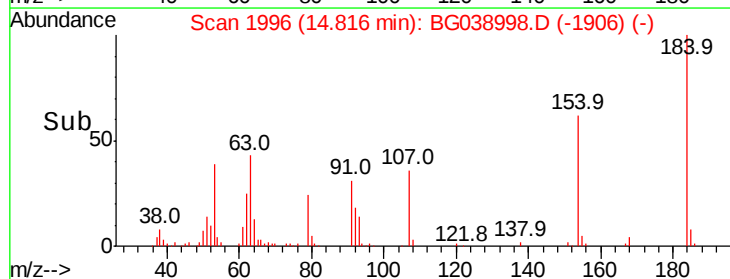
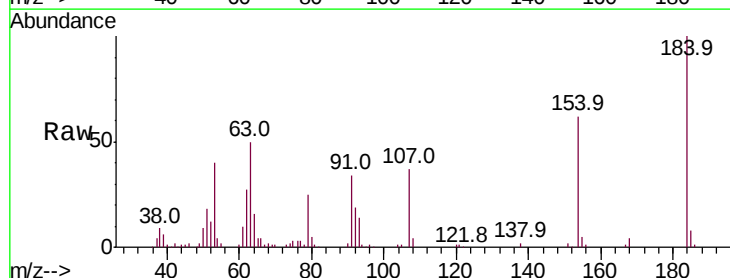
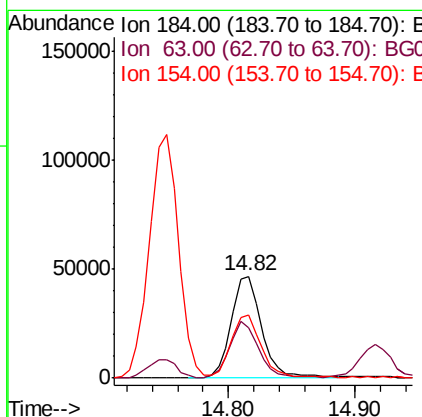
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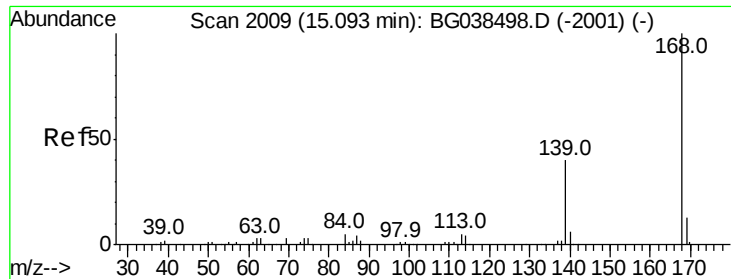
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#54
2,4-Dinitrophenol
Concen: 95.797 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.7	47.0	70.6
154	61.9	50.3	75.5





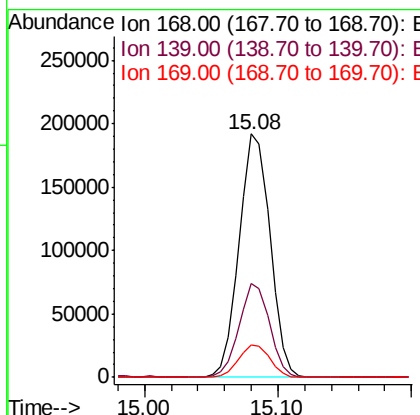
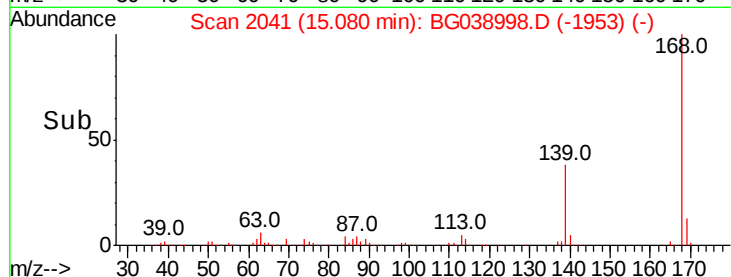
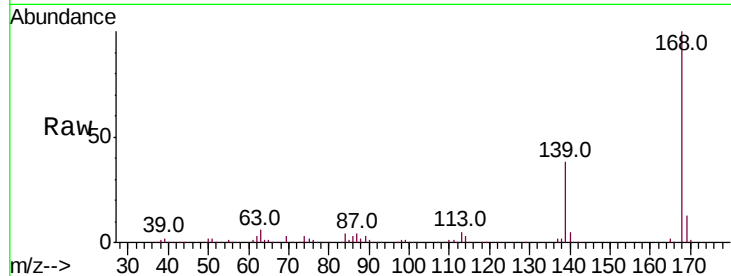
#55
Dibenzenofuran
Concen: 42.468 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampled :
PB116229BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	32.2	48.2
169	13.3	10.6	16.0

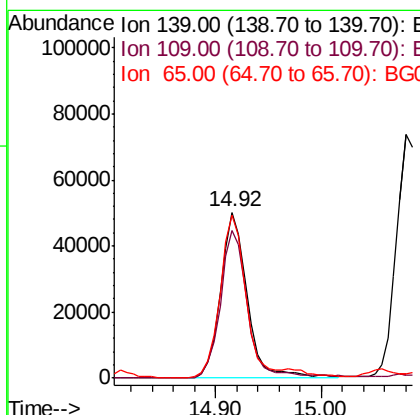
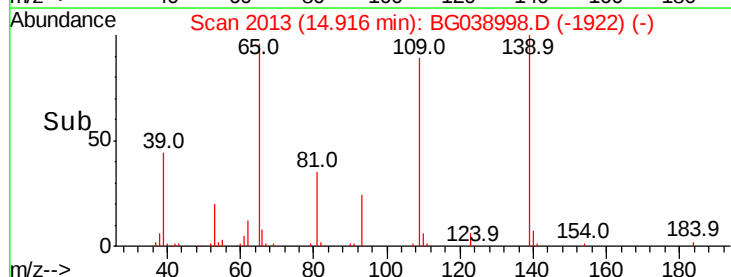
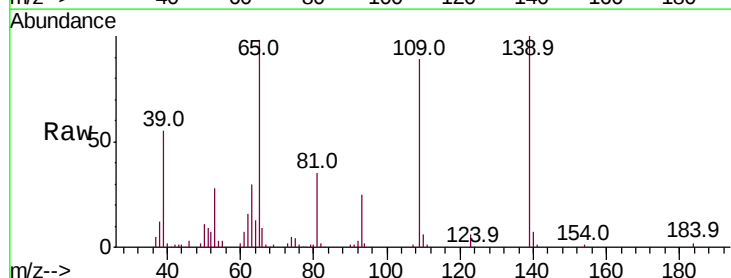
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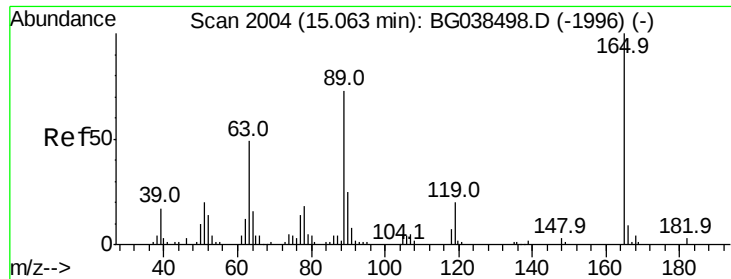
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#56
4-Nitrophenol
Concen: 84.227 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.0	73.6	113.6
65	98.0	84.8	124.8





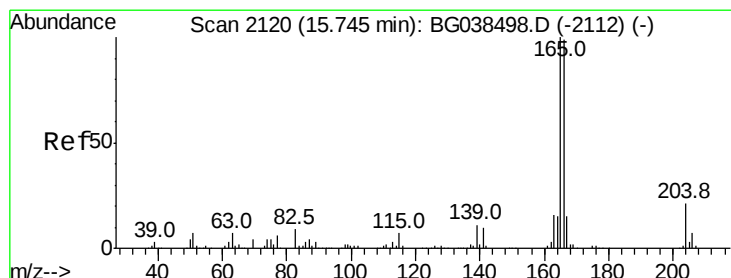
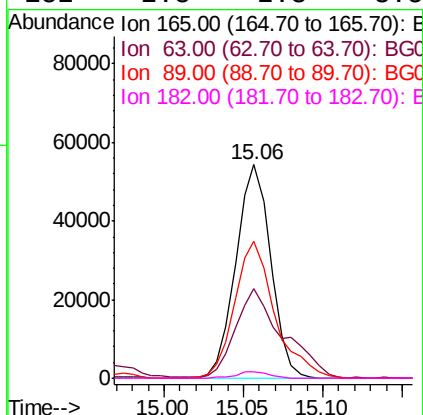
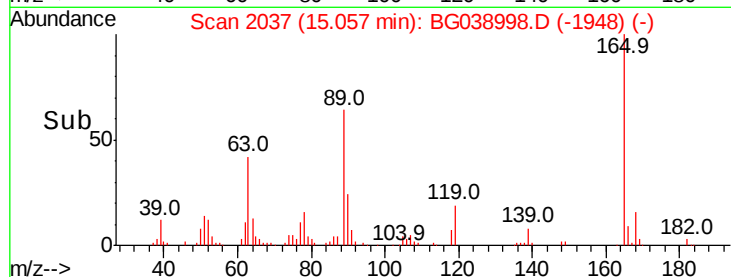
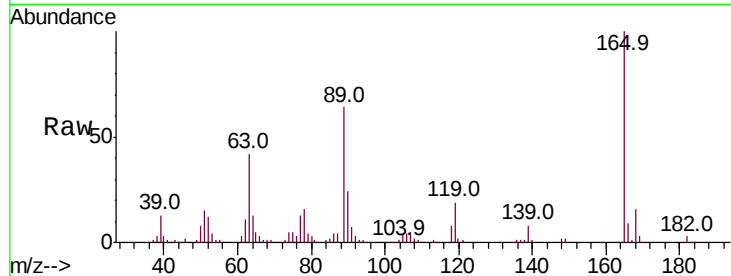
#57
 2,4-Dinitrotoluene
 Concen: 43.487 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB116229BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	82859		
63	42.1	39.0	58.4	
89	64.3	58.0	87.0	
182	2.8	2.3	3.5	

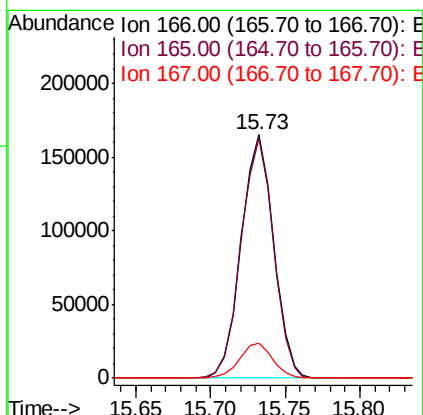
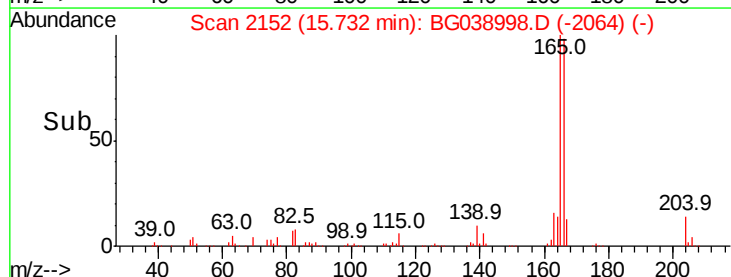
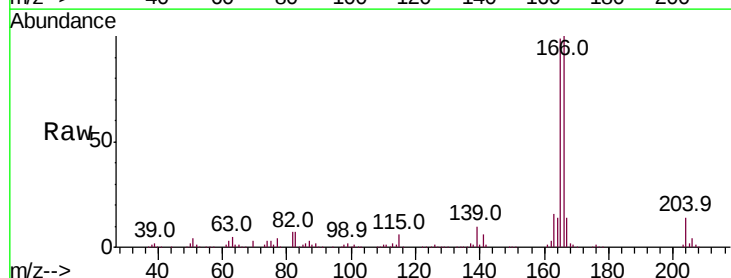
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#58
 Fluorene
 Concen: 46.176 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	248151		
165	98.6	80.6	120.8	
167	14.2	12.0	18.0	





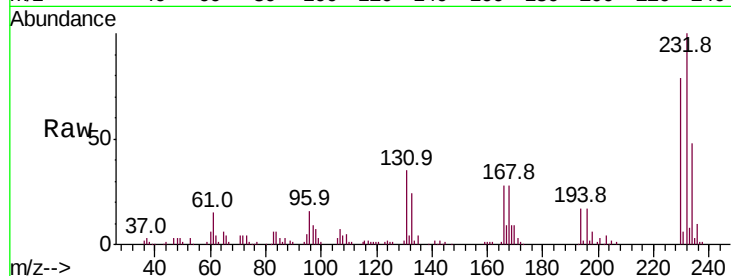
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.833 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB116229BS

Tot Ion:	232	Resp:	79753
Ion Ratio	Lower	Upper	
232	100		
131	39.1	33.0	49.4
130	2.4	2.0	3.0
166	27.7	23.1	34.7

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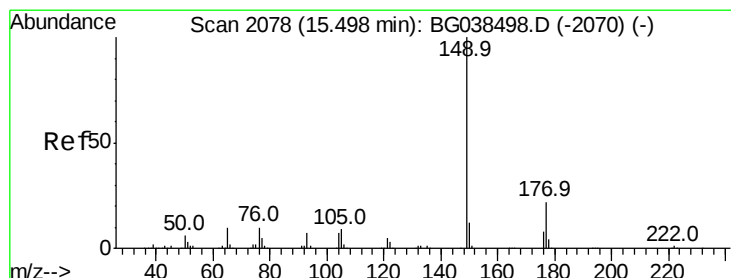
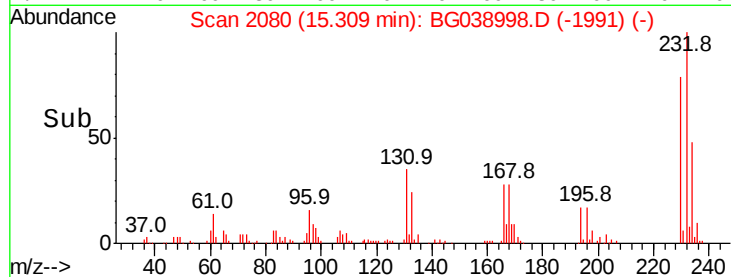
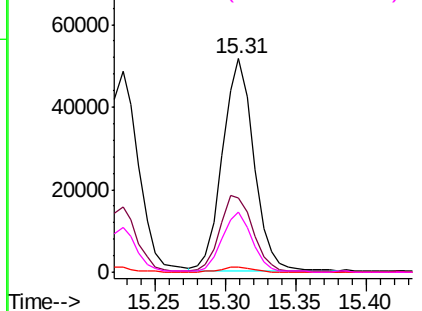
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

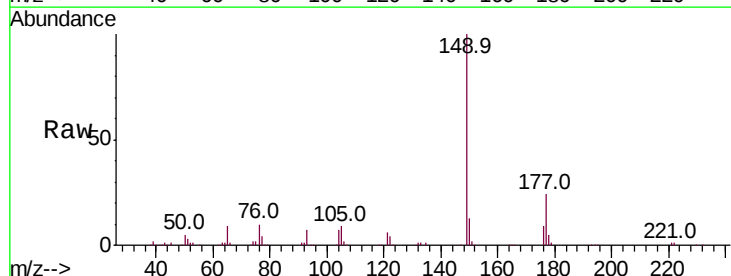
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.339 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:	149	Resp:	264357
Ion Ratio	Lower	Upper	
149	100		
177	23.8	17.7	26.5
150	12.8	9.9	14.9

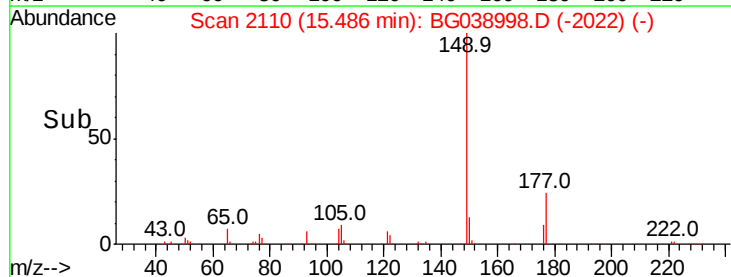
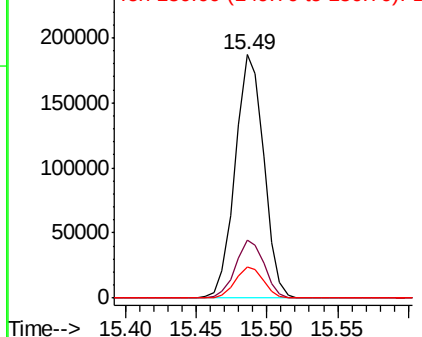


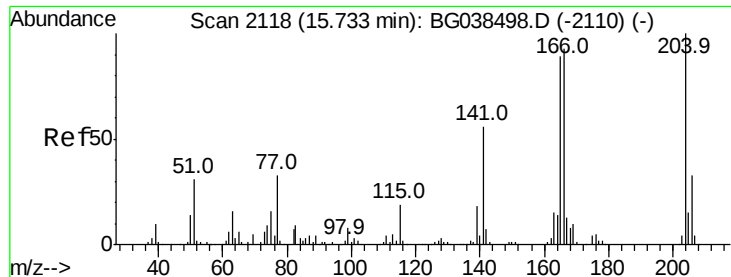
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





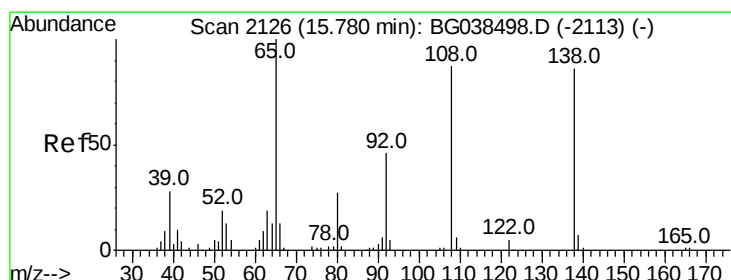
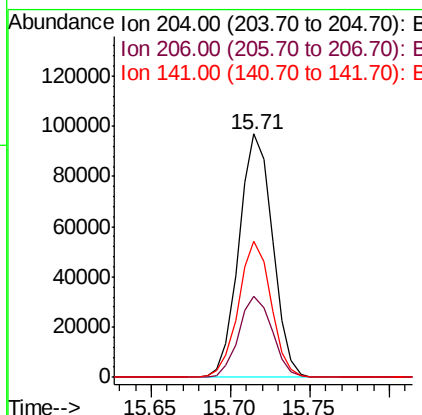
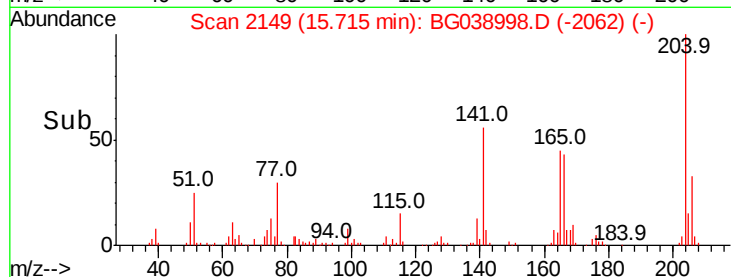
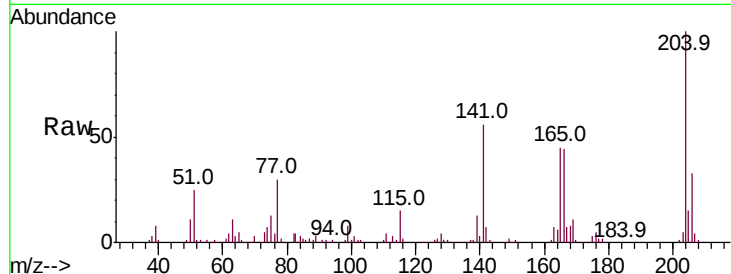
#61
4-Chlorophenyl-phenylether
Concen: 42.458 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	55.7	44.4	66.6

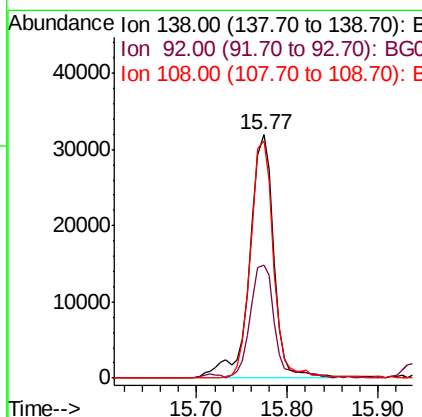
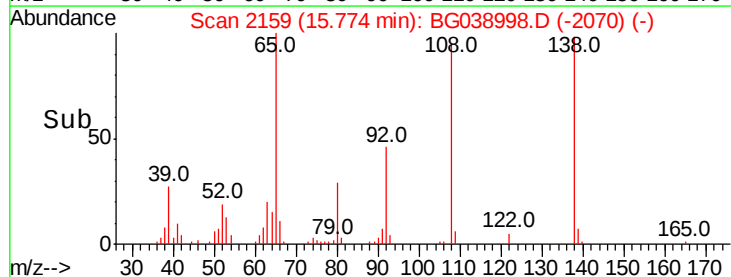
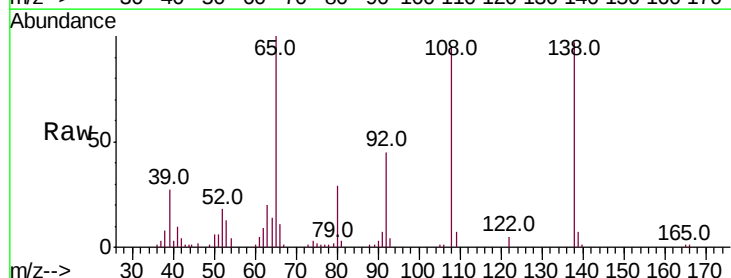
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#62
4-Nitroaniline
Concen: 41.558 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	33.3	73.3
108	97.5	81.4	121.4





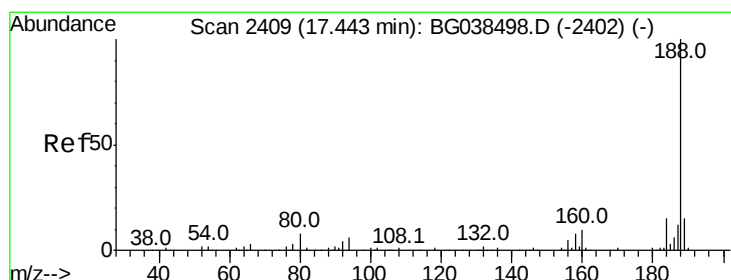
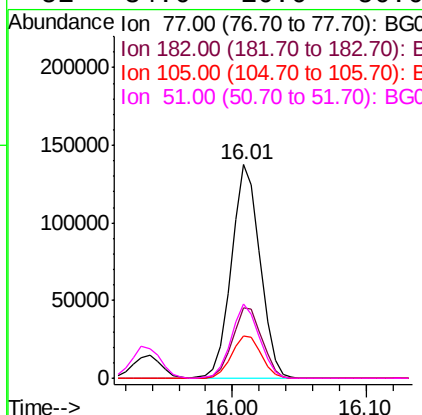
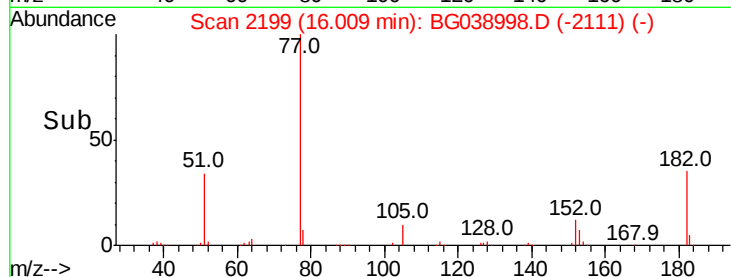
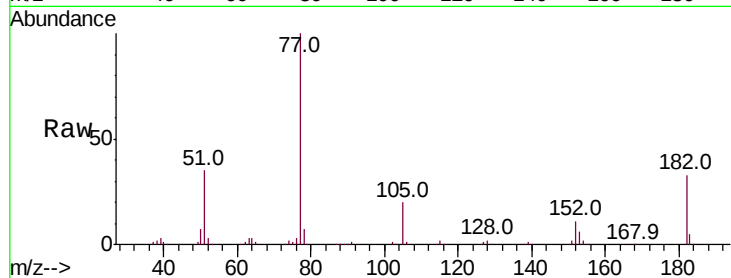
#63
Azobenzene
Concen: 37.476 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.0	8.7	48.7	
105	20.0	0.0	38.7	
51	34.6	16.6	56.6	

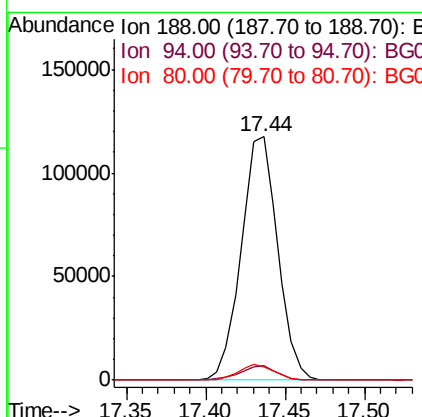
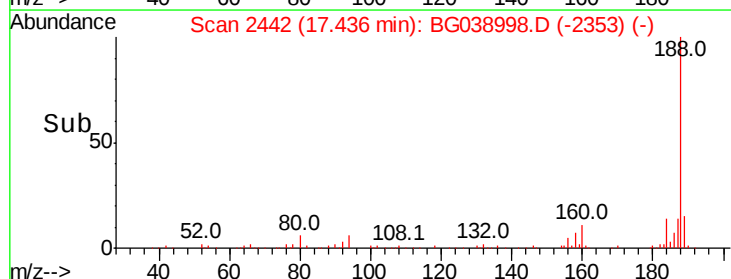
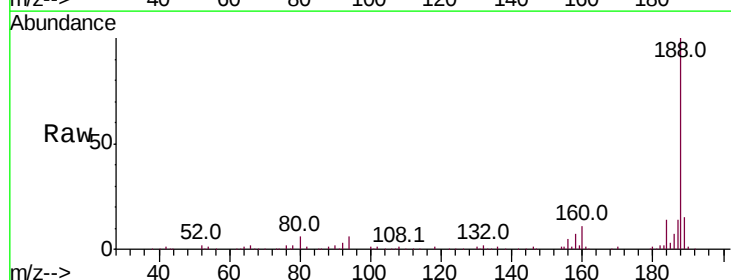
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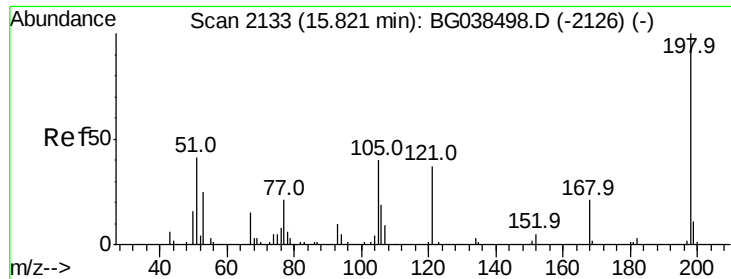
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.8	5.1	7.7	
80	5.6	6.1	9.1#	





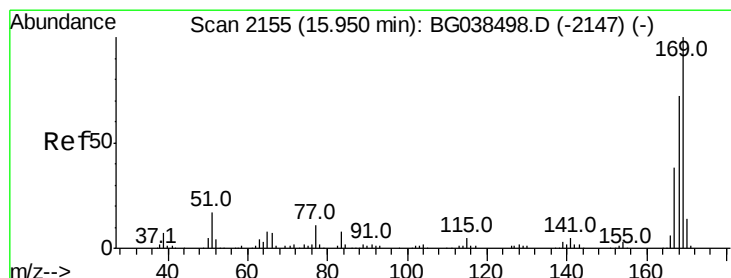
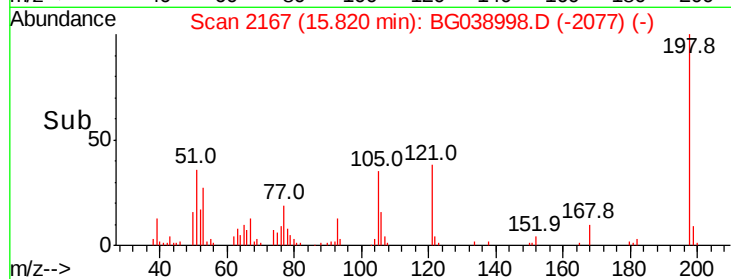
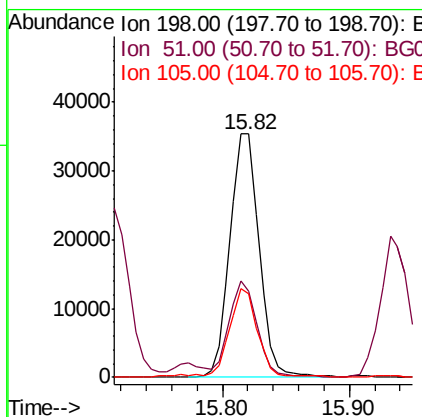
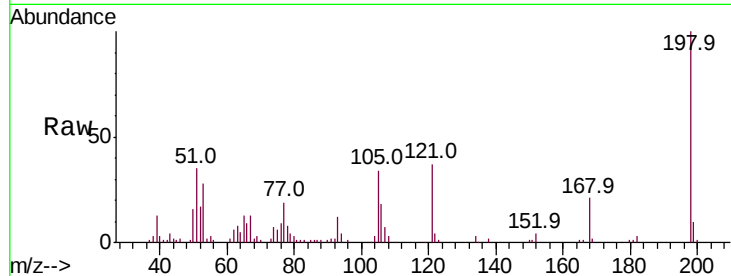
#65
4,6-Dinitro-2-methylphenol
Concen: 42.354 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.4	28.6	68.6
105	34.5	20.4	60.4

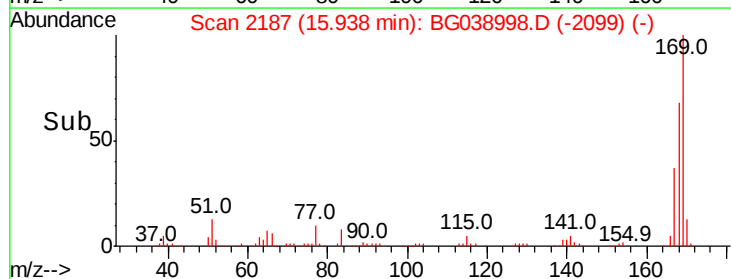
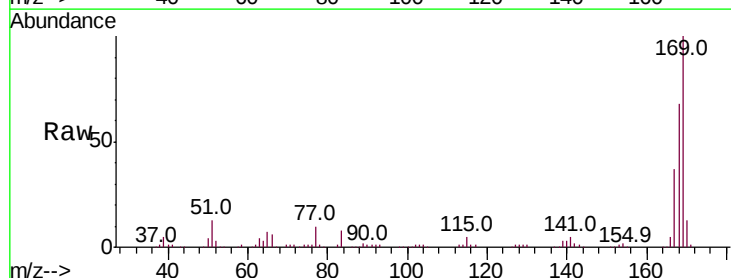
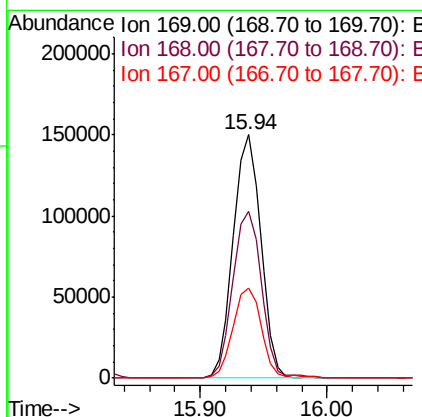
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#66
n-Nitrosodiphenylamine
Concen: 41.284 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.4	57.5	86.3
167	36.9	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 42.356 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

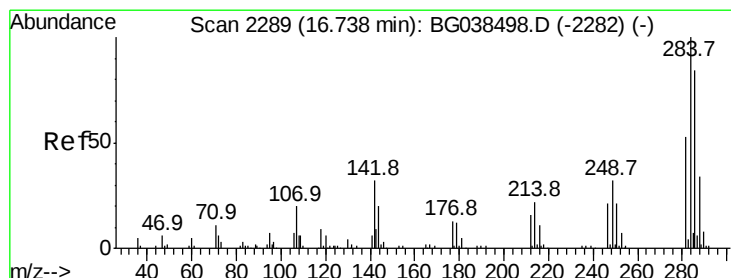
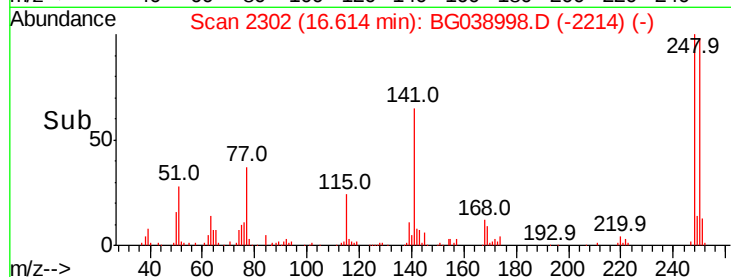
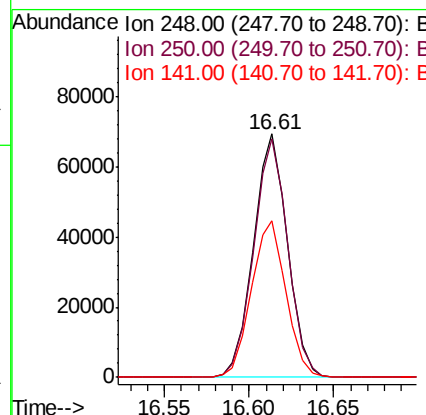
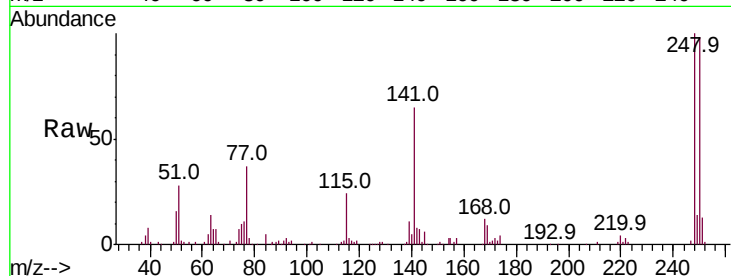
ClientSampled :

PB116229BS

Tot Ion:	248	Resp:	96807
Ion Ratio	Lower	Upper	
248	100		
250	98.2	73.4	110.2
141	64.6	52.9	79.3

Manual Integrations
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#68

Hexachlorobenzene

Concen: 44.262 ng

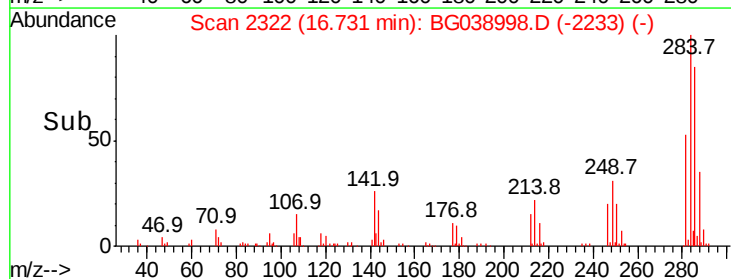
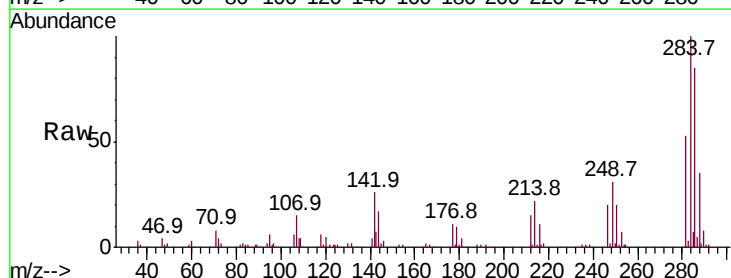
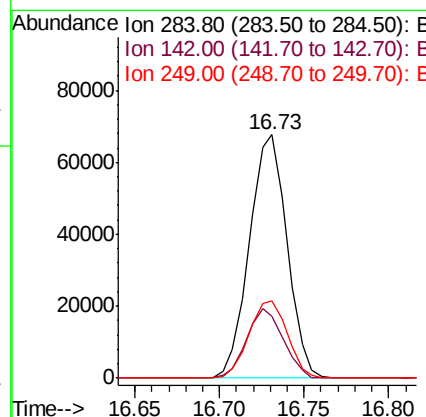
RT: 16.73 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:	284	Resp:	104866
Ion Ratio	Lower	Upper	
284	100		
142	25.5	25.8	38.6#
249	33.8	27.0	40.4





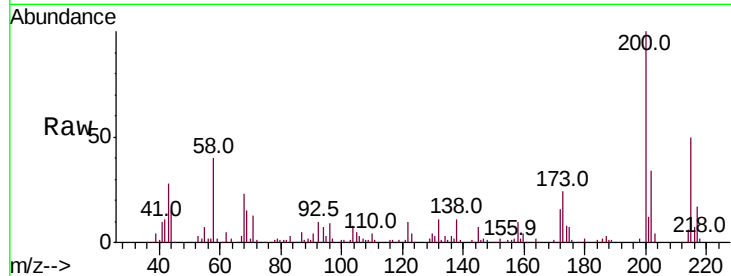
#69
Atrazine
Concen: 45.971 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

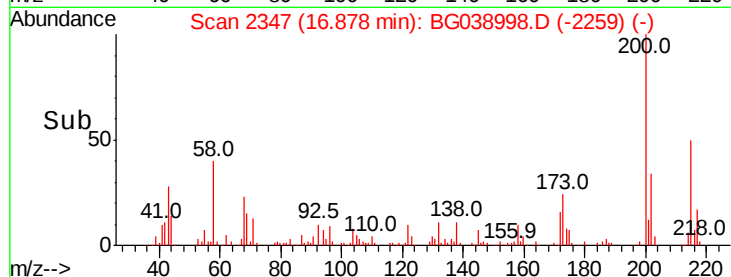
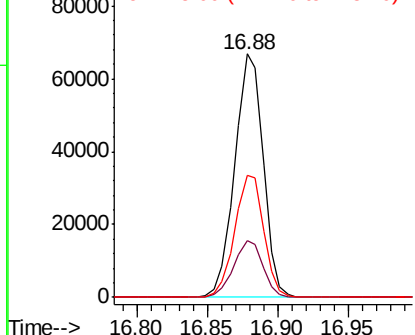
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.5	5.9	45.9
215	50.0	33.1	73.1

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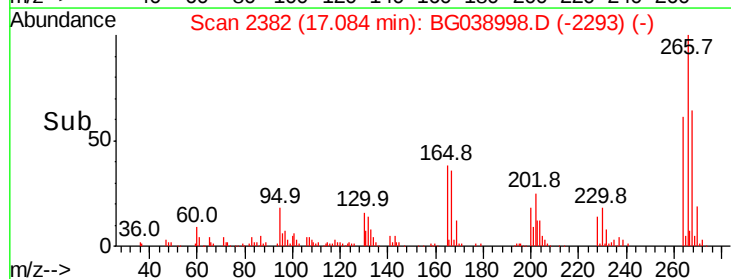
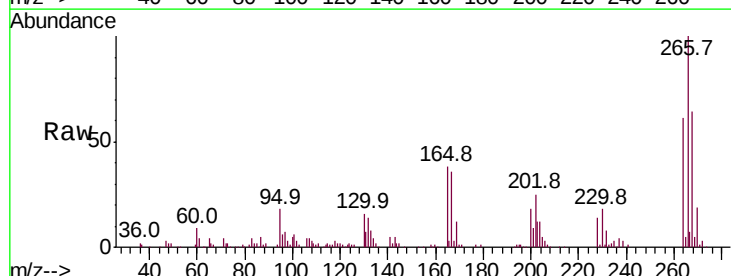
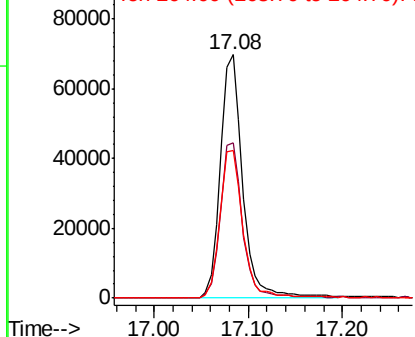
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

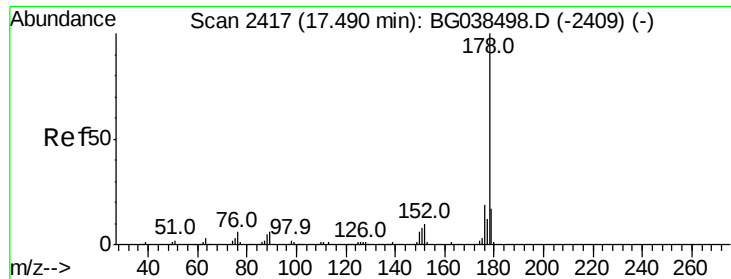


#70
Pentachlorophenol
Concen: 82.824 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.4	55.0	82.6
264	60.9	56.7	85.1

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





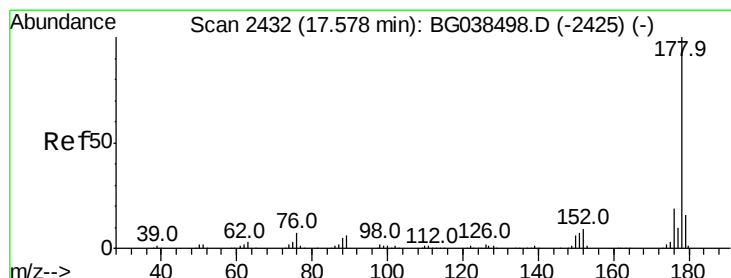
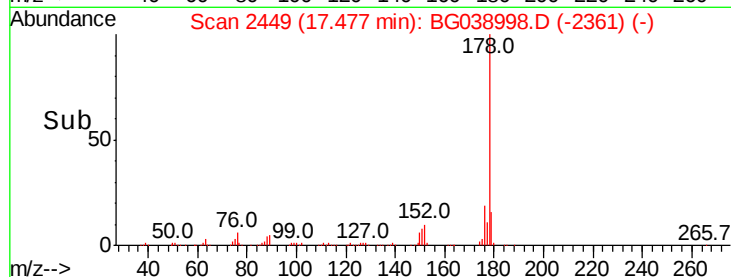
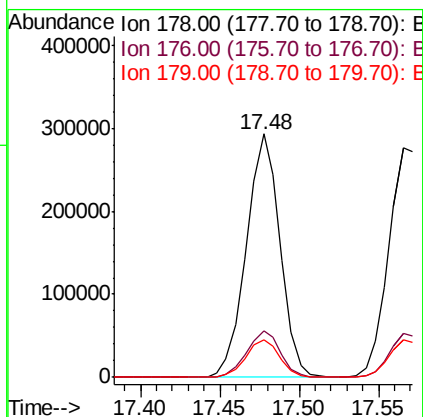
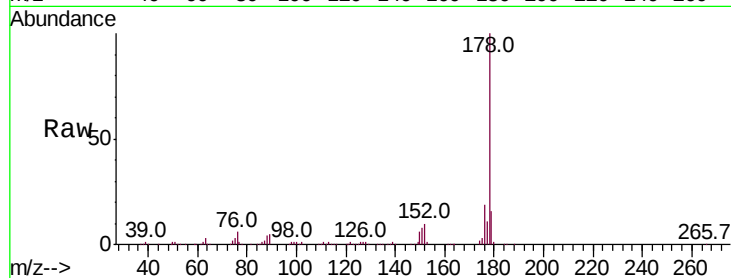
#71
Phenanthrene
Concen: 44.411 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.5	13.2	19.8

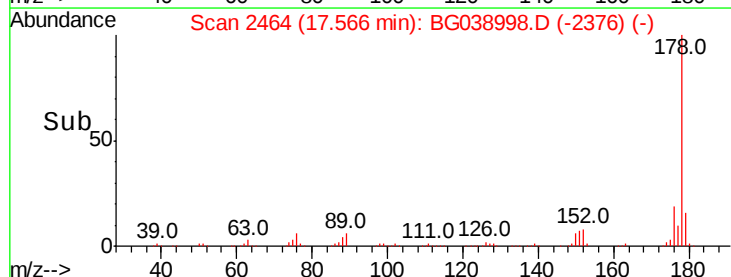
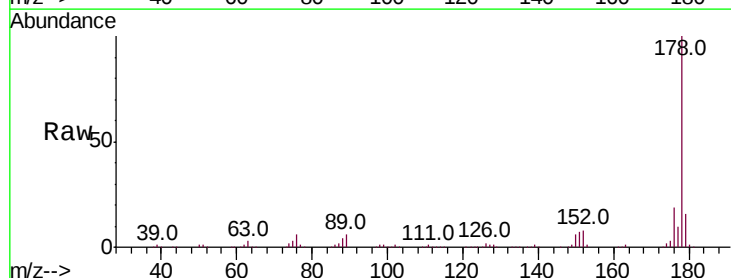
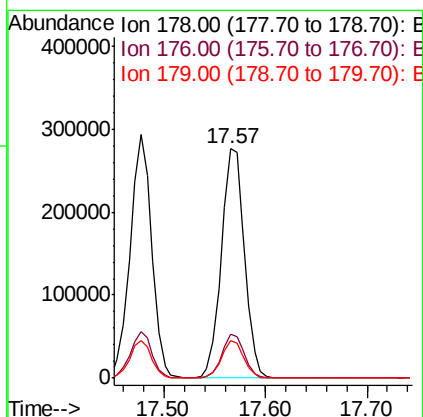
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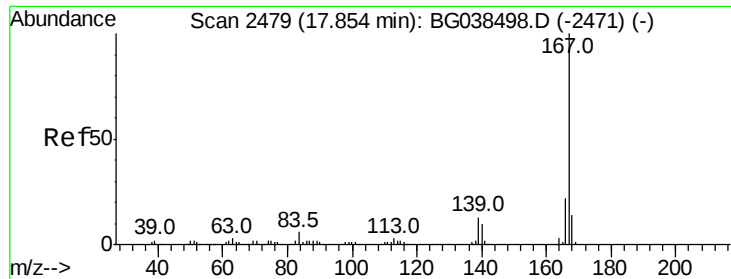
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#72
Anthracene
Concen: 45.489 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.2	12.9	19.3





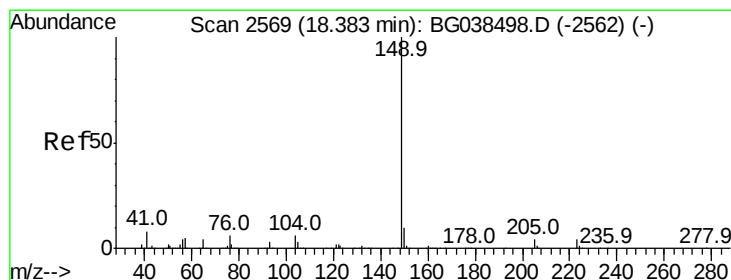
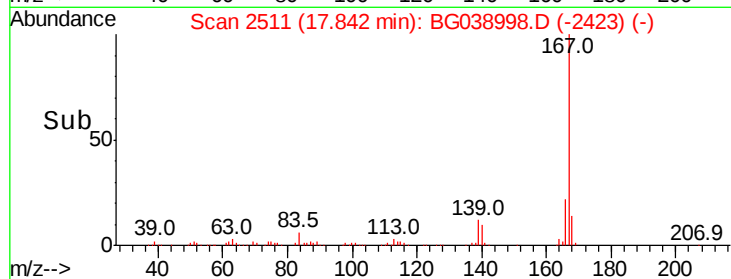
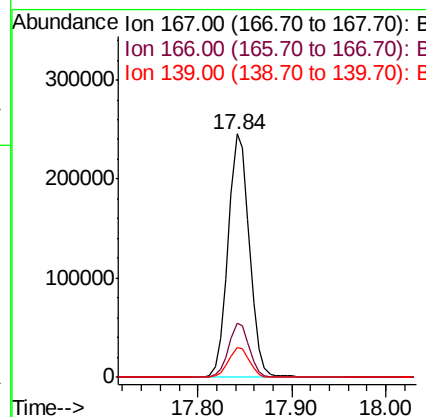
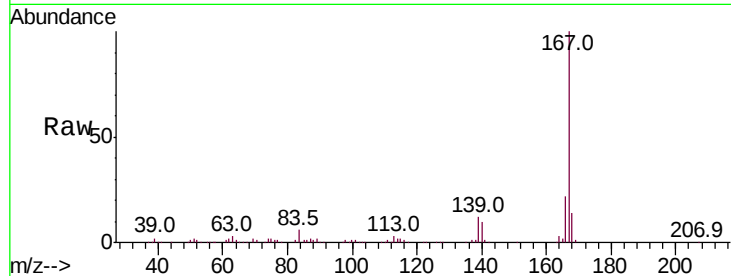
#73
 Carbazole
 Concen: 40.951 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB116229BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	12.4	10.2	15.2

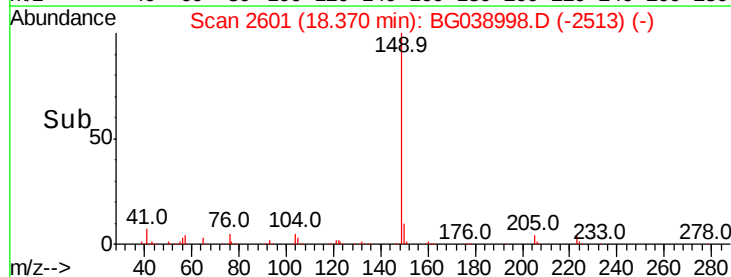
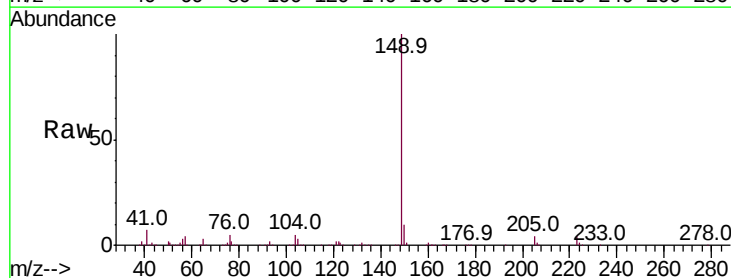
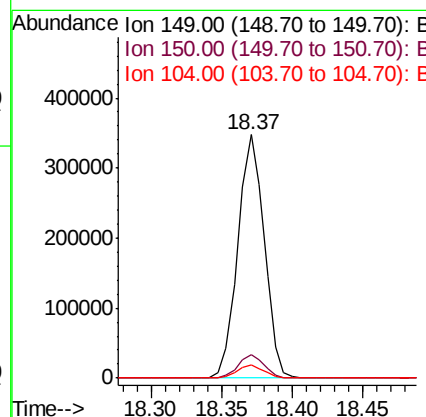
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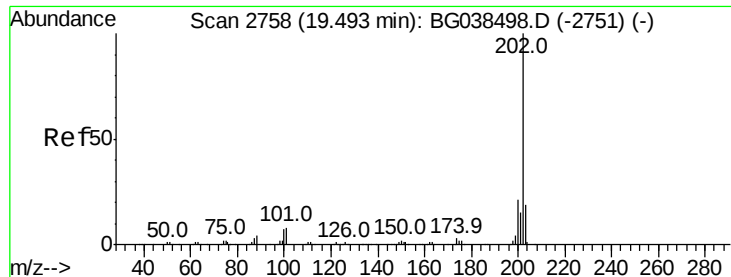
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#74
 Di-n-butylphthalate
 Concen: 41.660 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 45.193 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

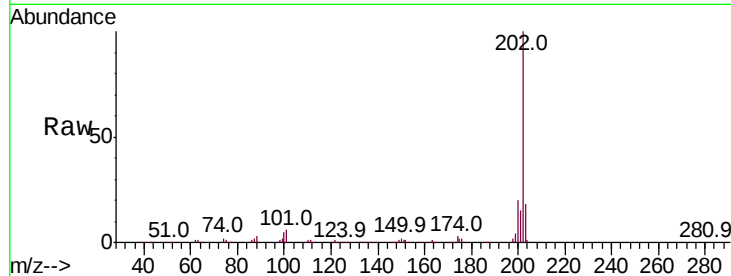
ClientSampleId :

PB116229BS

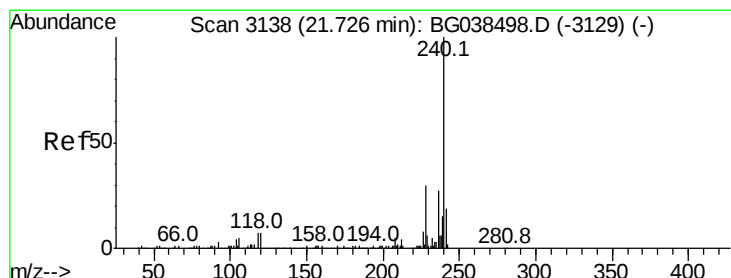
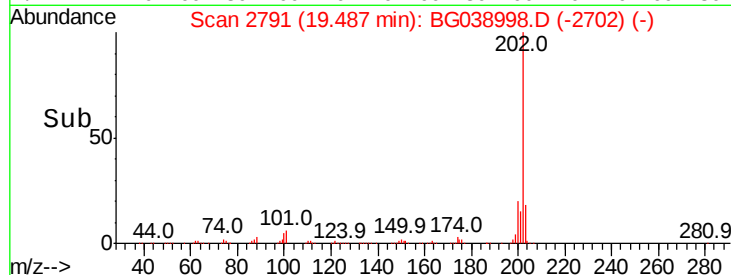
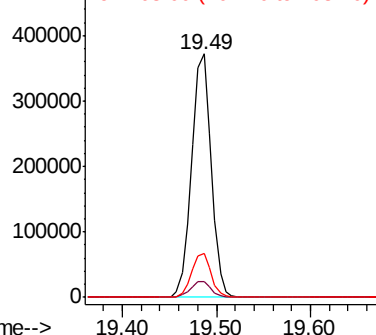
Tot Ion:	202	Resp:	542644
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	28.1
203	18.0	0.0	39.0

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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: 21.71 min Scan# 3170

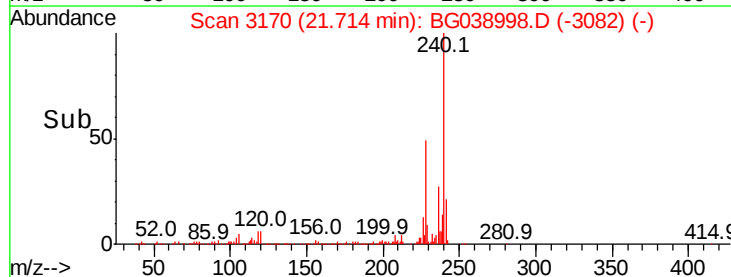
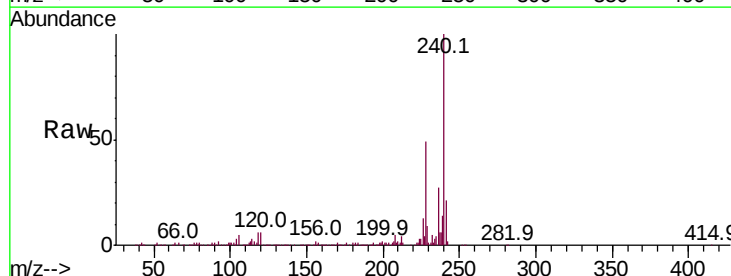
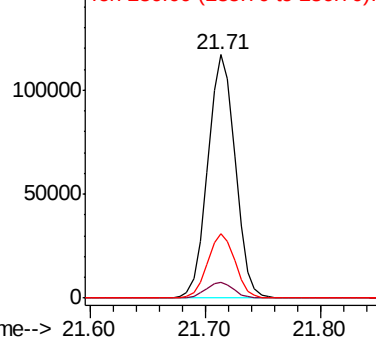
Delta R.T. -0.01 min

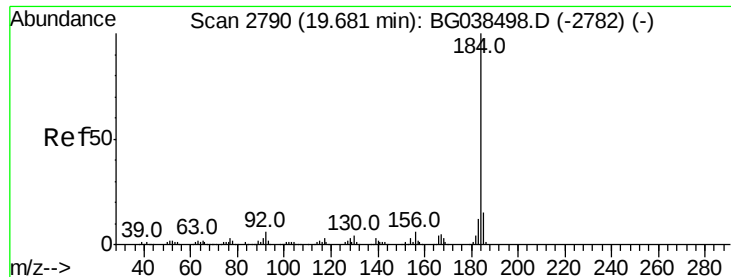
Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:	240	Resp:	192753
Ion Ratio	Lower	Upper	
240	100		
120	6.2	5.3	7.9
236	26.7	21.4	32.2

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: 34.994 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

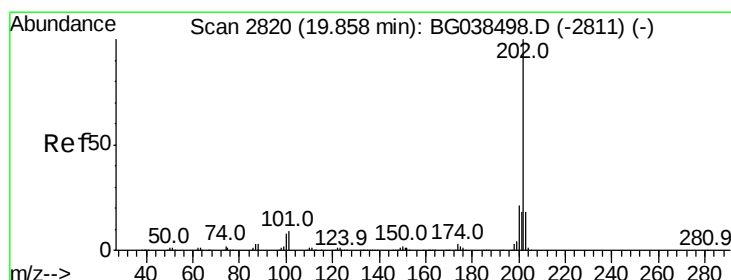
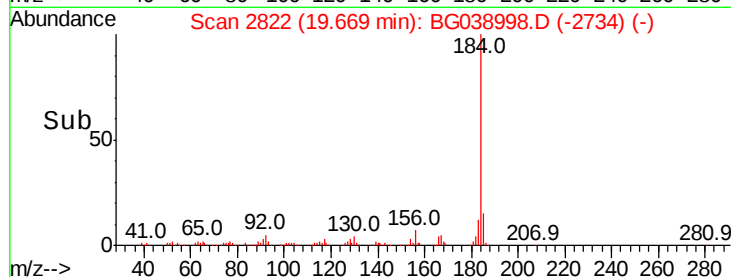
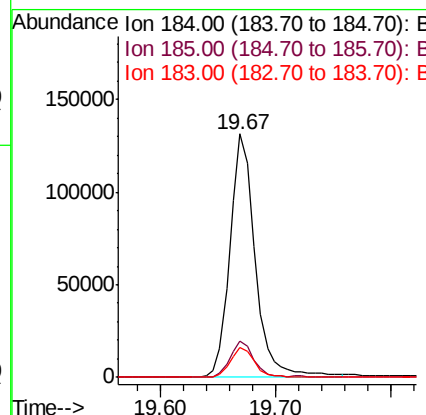
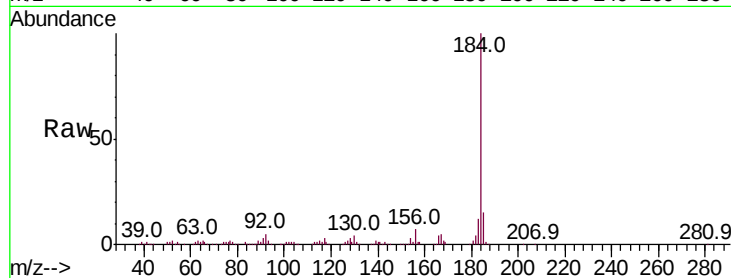
ClientSampleId :

PB116229BS

Tot Ion:	184	Resp:	199483
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	12.2	9.6	14.4

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#78

Pyrene

Concen: 42.386 ng

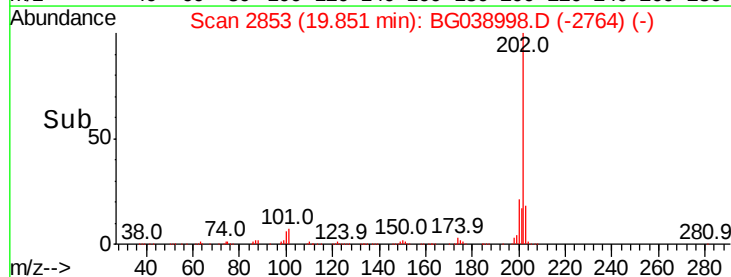
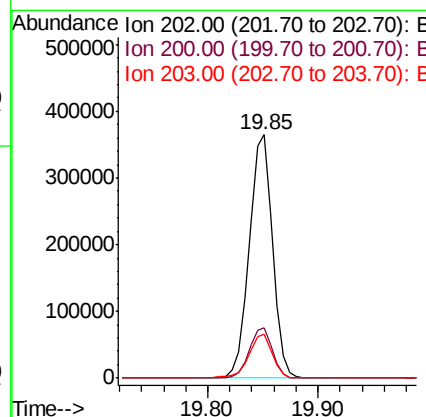
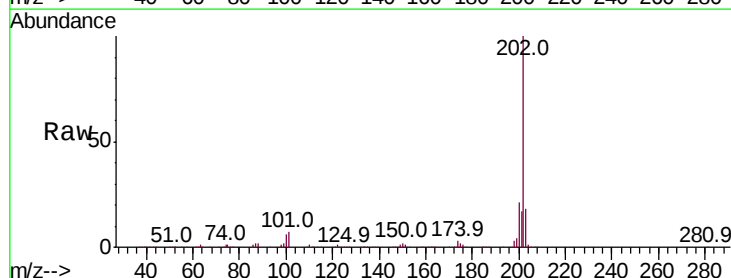
RT: 19.85 min Scan# 2853

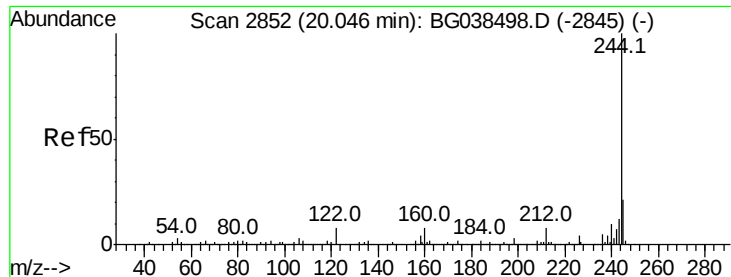
Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:	202	Resp:	539732
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	25.0
203	18.1	14.6	21.8





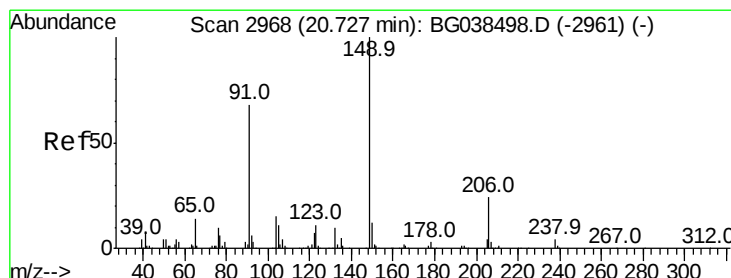
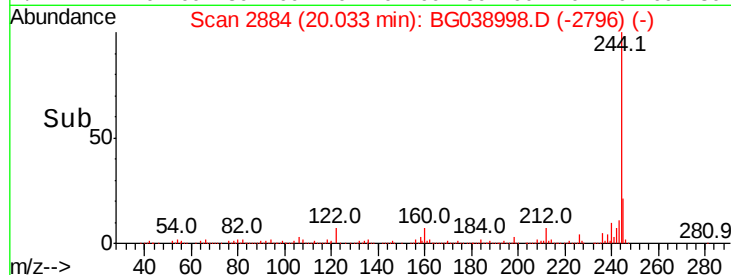
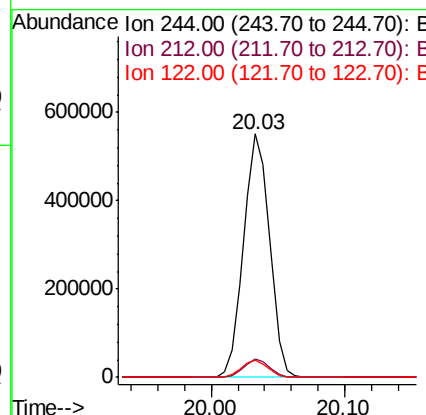
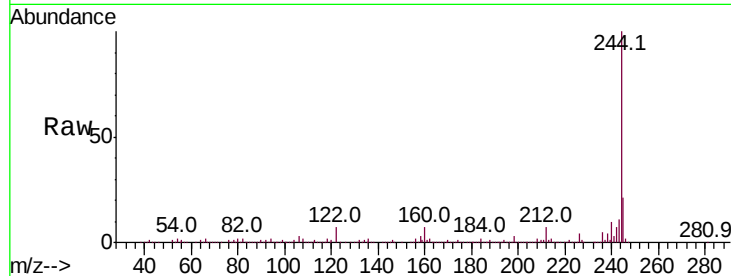
#79
 Terphenyl-d14
 Concen: 83.521 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB116229BS

Tot Ion:244	Resp:	739731
Ion Ratio	Lower	Upper
244 100		
212 7.5	6.2	9.2
122 6.9	6.3	9.5

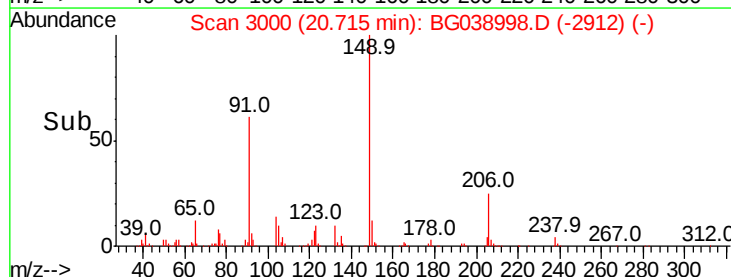
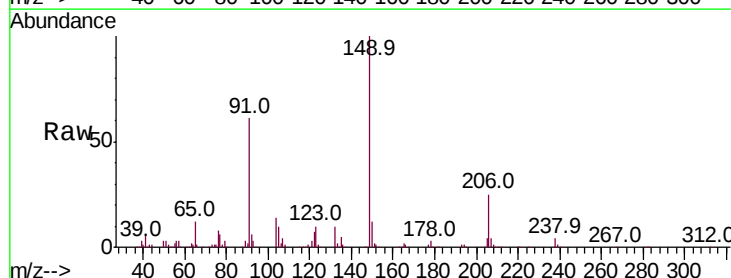
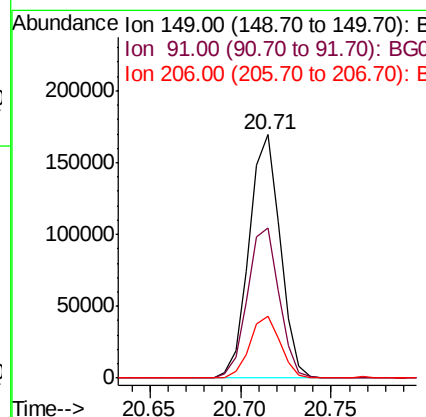
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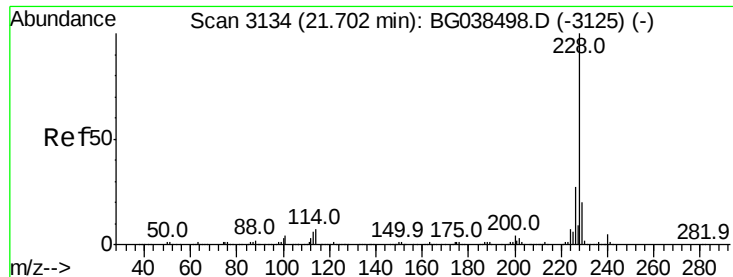
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#80
 Butylbenzylphthalate
 Concen: 40.944 ng
 RT: 20.71 min Scan# 3000
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:149	Resp:	203695
Ion Ratio	Lower	Upper
149 100		
91 61.5	54.5	81.7
206 25.4	19.0	28.6





#81

Benzo(a)anthracene

Concen: 44.647 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

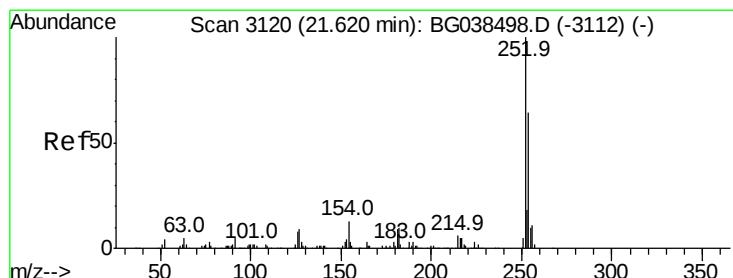
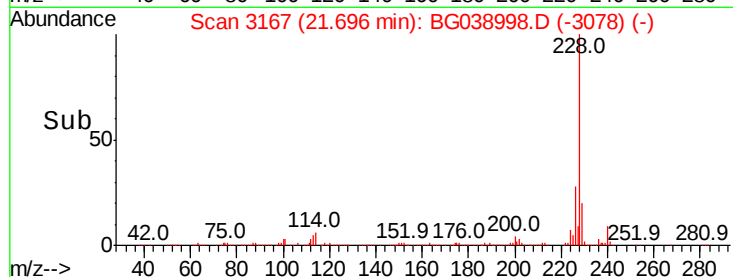
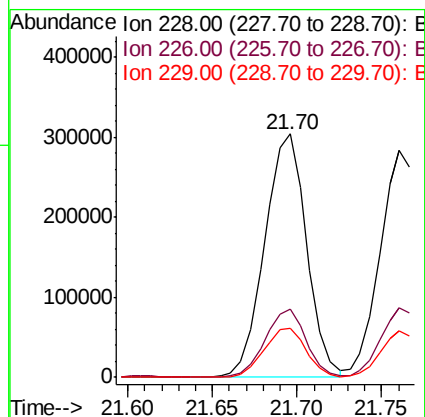
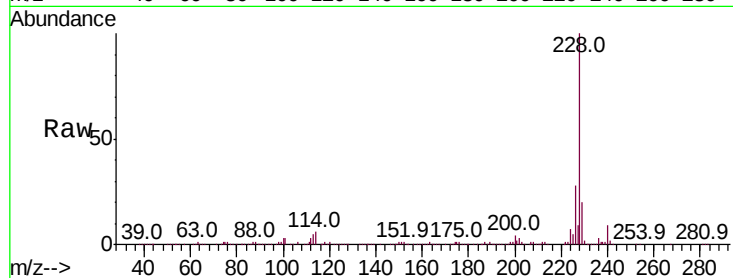
ClientSampleId :

PB116229BS

Tot Ion:	228	Resp:	524401
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.8	32.8
229	19.9	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 31.428 ng

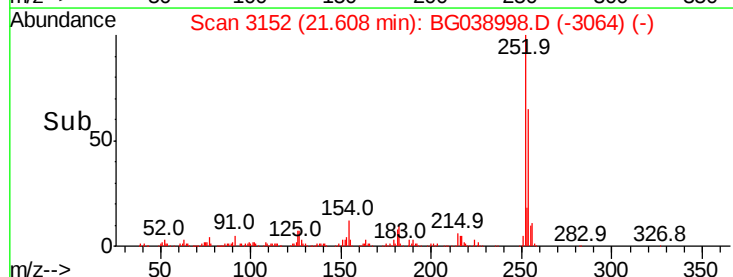
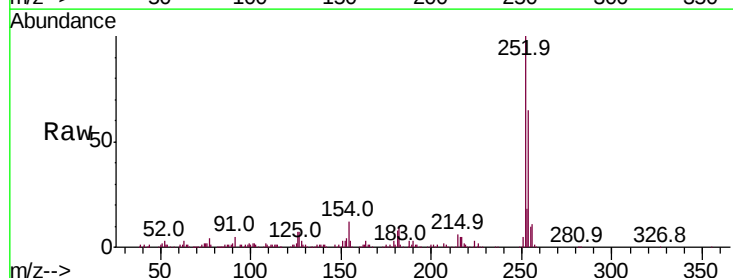
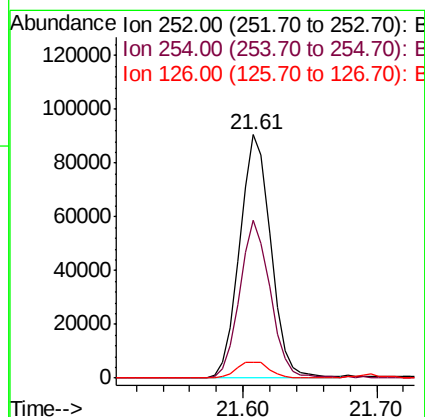
RT: 21.61 min Scan# 3152

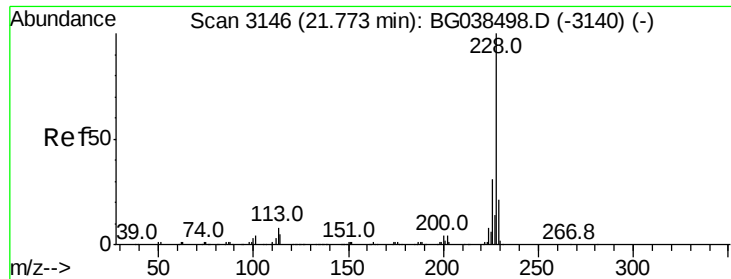
Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:	252	Resp:	146399
Ion Ratio	Lower	Upper	
252	100		
254	65.0	50.9	76.3
126	6.7	6.3	9.5





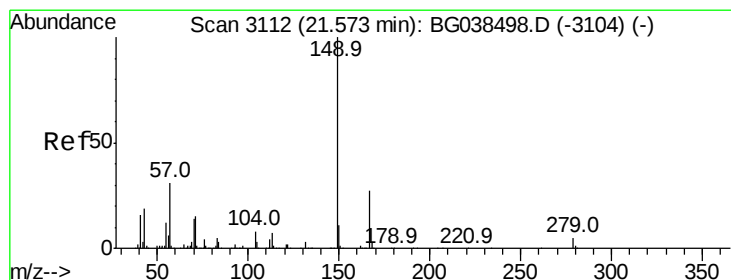
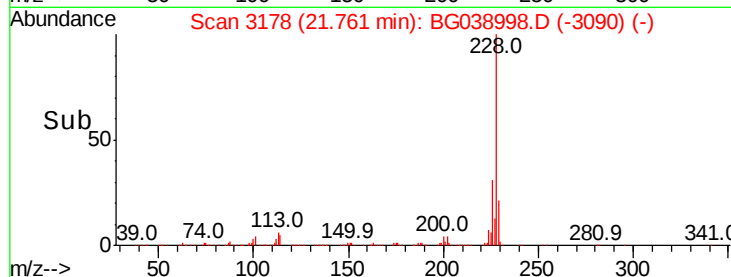
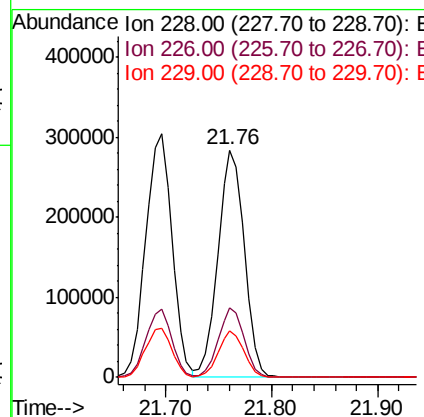
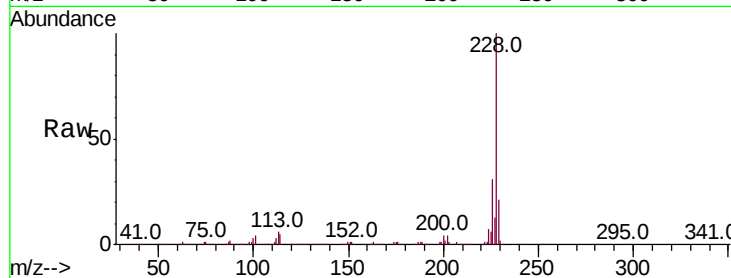
#83
 Chrysene
 Concen: 43.695 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB116229BS

Tot Ion:	228	Resp:	494326
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.4
229	20.6	16.5	24.7

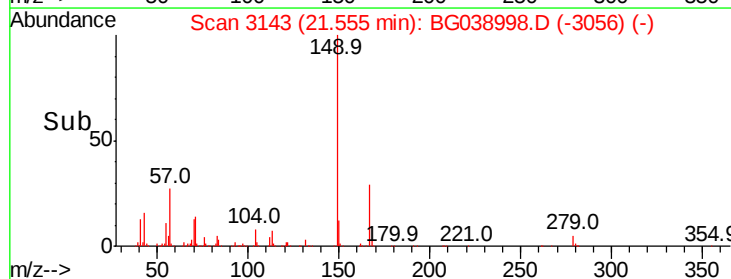
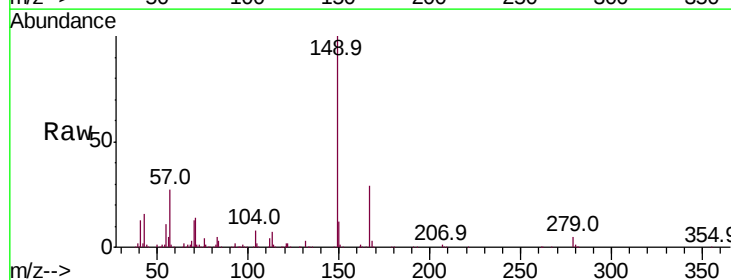
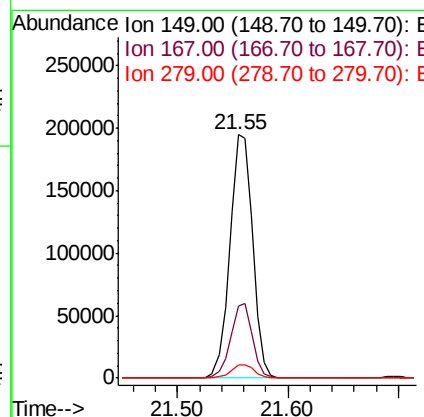
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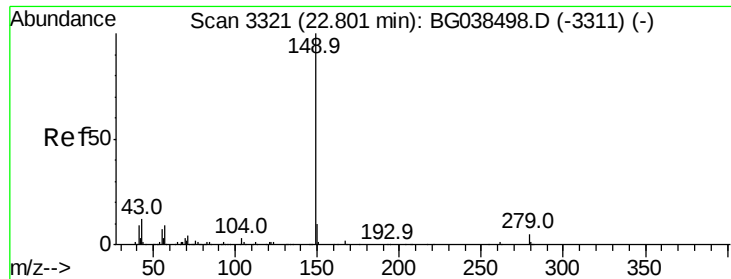
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.018 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG038998.D
 Acq: 8 Jan 2019 17:54

Tgt Ion:	149	Resp:	282359
Ion Ratio	Lower	Upper	
149	100		
167	29.4	21.9	32.9
279	5.2	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 40.880 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

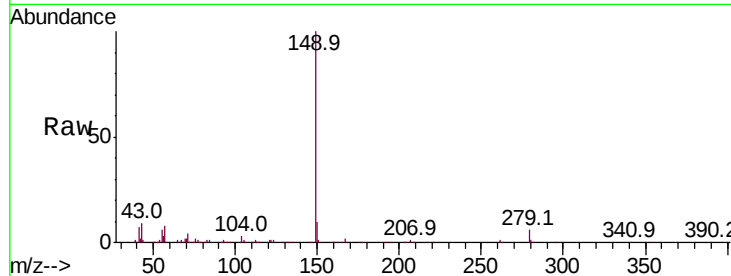
ClientSampleId :

PB116229BS

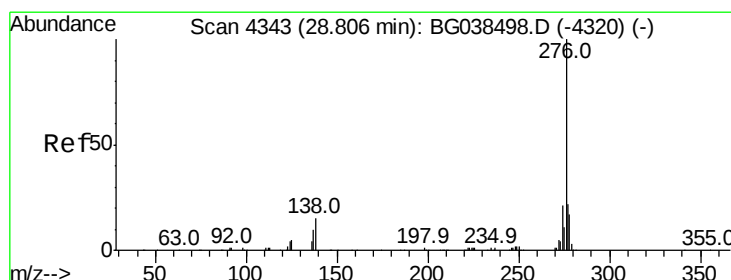
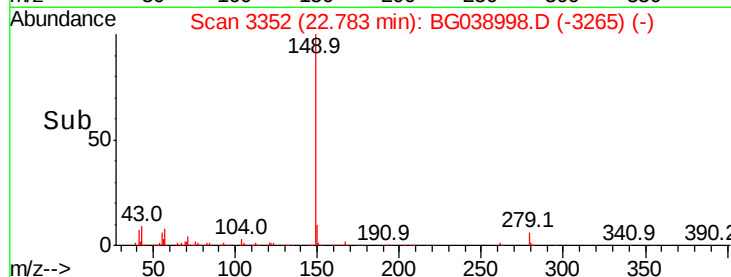
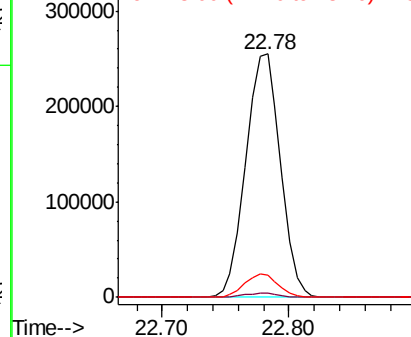
Tot Ion:	149	Resp:	483064
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8
43	9.4	9.3	13.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.103 ng

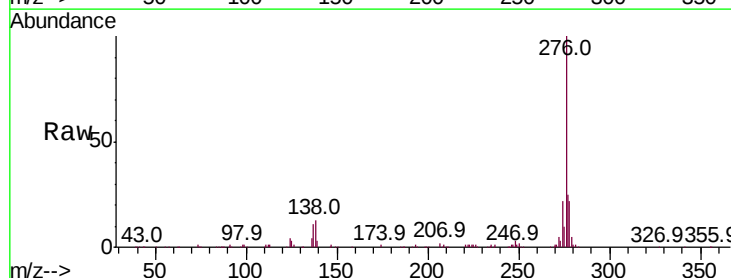
RT: 28.79 min Scan# 4374

Delta R.T. -0.02 min

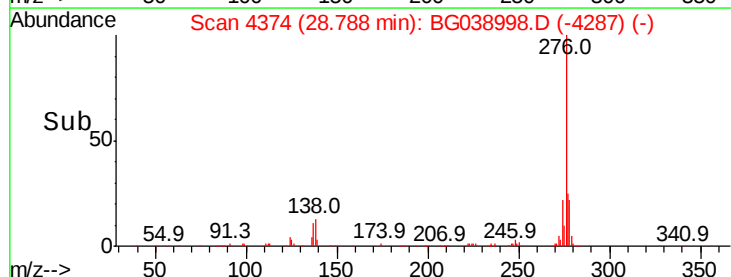
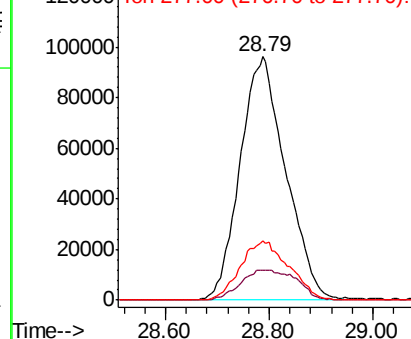
Lab File: BG038998.D

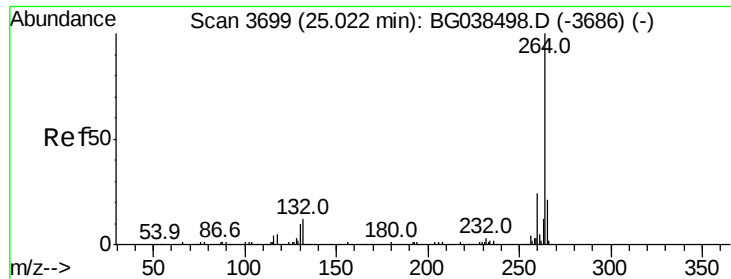
Acq: 8 Jan 2019 17:54

Tgt Ion:	276	Resp:	586592
Ion Ratio	Lower	Upper	
276	100		
138	15.2	14.4	21.6
277	25.8	0.0	0.0#



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: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

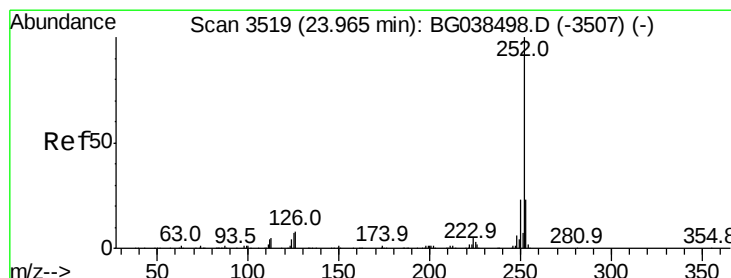
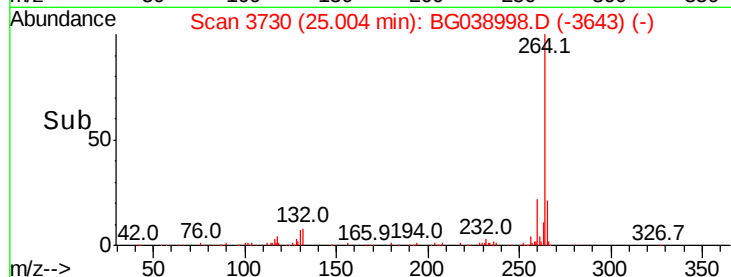
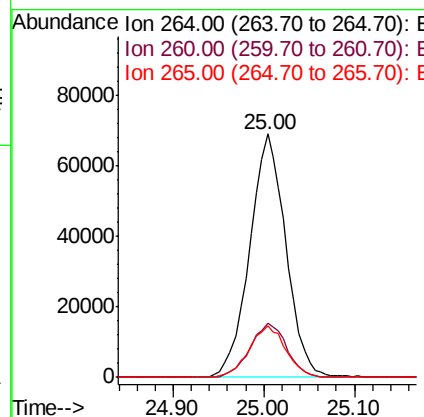
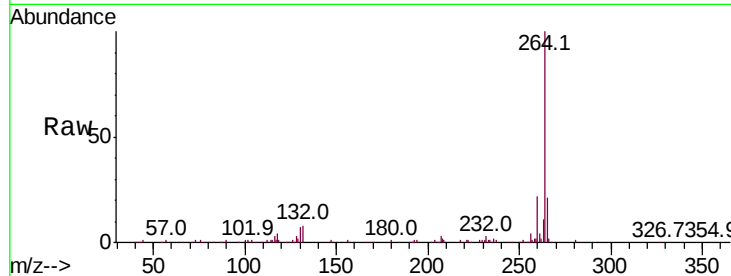
ClientSampleId :

PB116229BS

Tot Ion:	264	Resp:	191209
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.9	28.3
265	21.3	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 50.329 ng

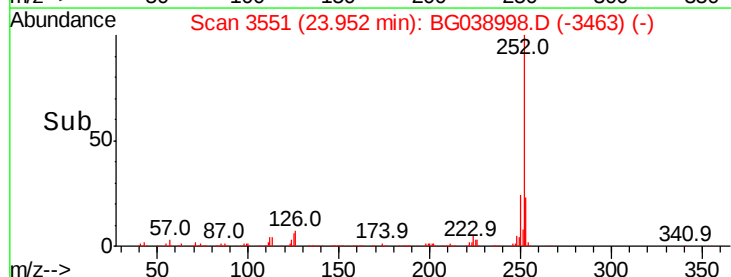
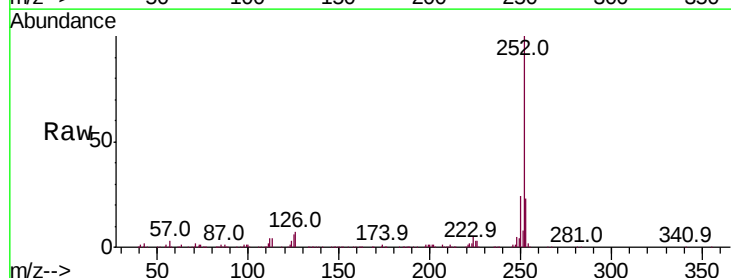
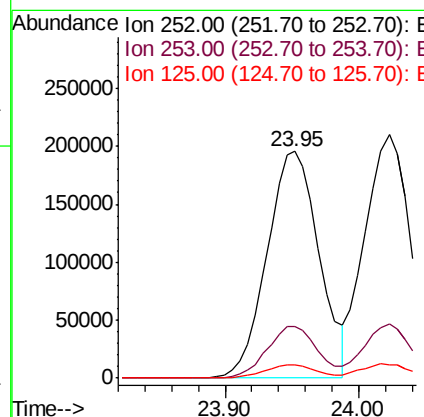
RT: 23.95 min Scan# 3551

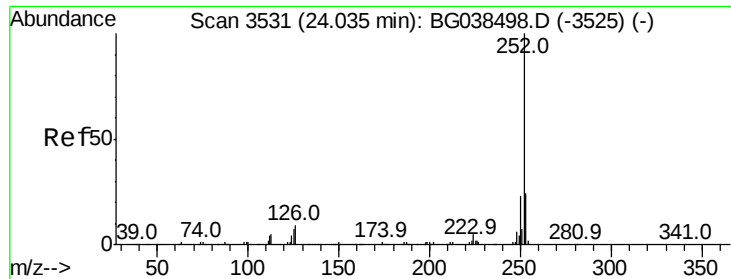
Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:	252	Resp:	528357
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	5.9	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 47.739 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.01 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Instrument :

BNA_G

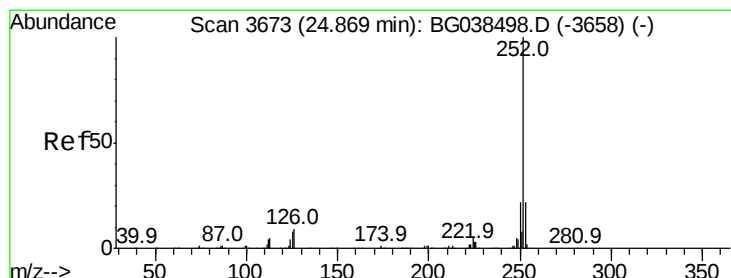
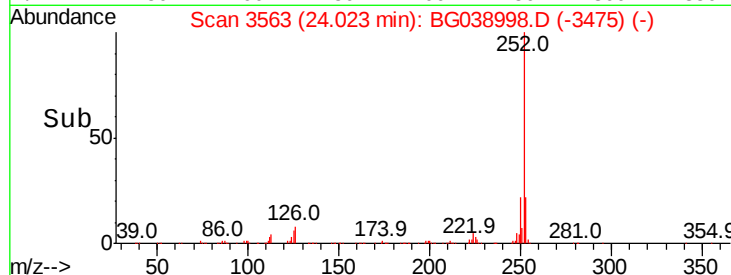
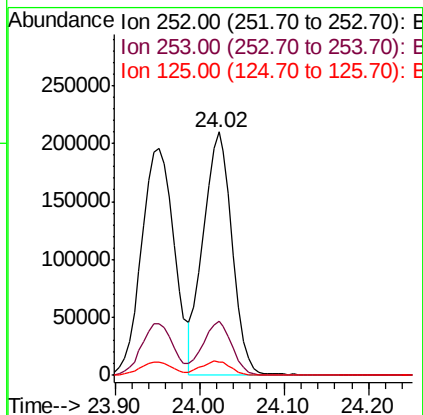
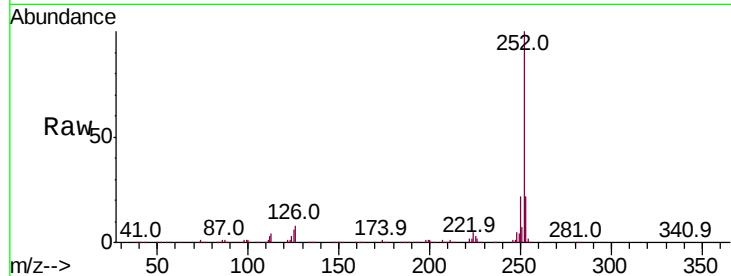
ClientSampleId :

PB116229BS

Tot Ion:	252	Resp:	499060
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.9	28.3
125	5.5	5.4	8.2

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#90

Benzo(a)pyrene

Concen: 50.056 ng

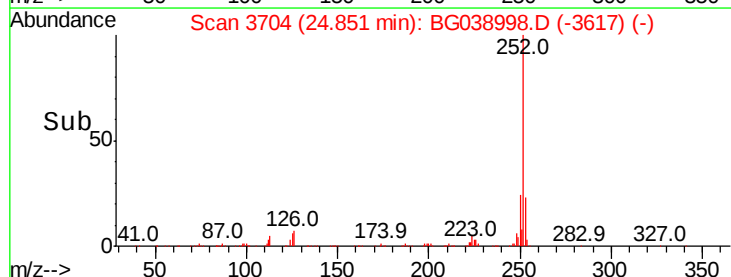
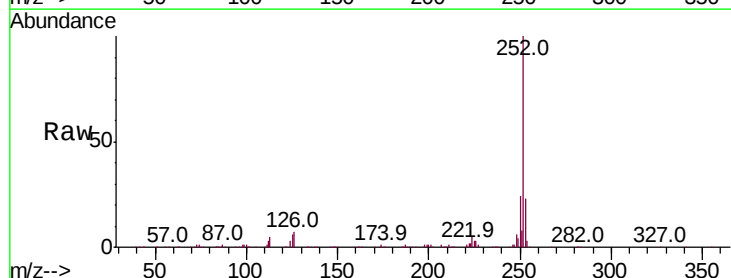
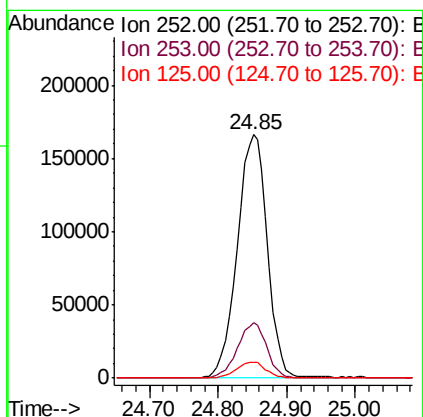
RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG038998.D

Acq: 8 Jan 2019 17:54

Tgt Ion:	252	Resp:	506966
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	6.4	6.4	9.6#





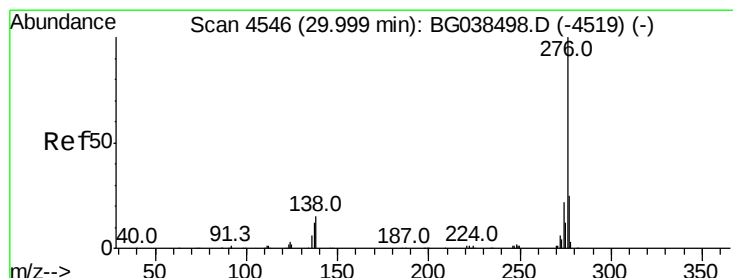
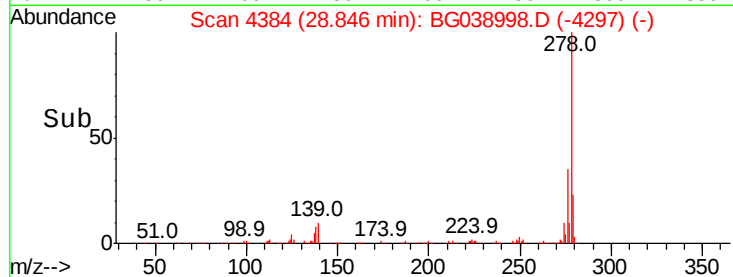
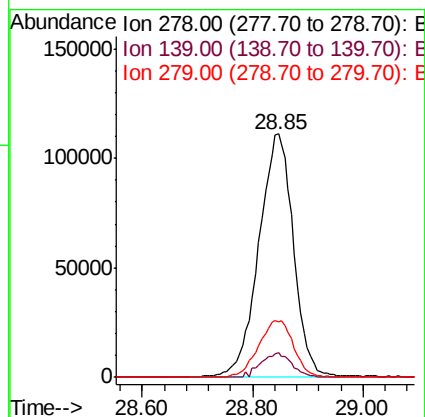
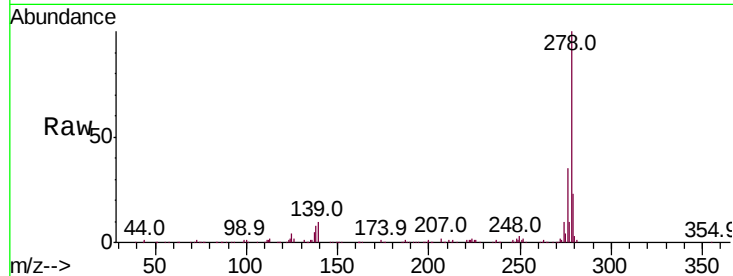
#91
Dibenzo(a,h)anthracene
Concen: 47.959 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Instrument :
BNA_G
ClientSampleId :
PB116229BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	8.6	12.8
279	22.5	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 49.264 ng
RT: 29.98 min Scan# 4577
Delta R.T. -0.02 min
Lab File: BG038998.D
Acq: 8 Jan 2019 17:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.8	29.8
138	11.8	11.8	17.6

