

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038078.D
 Acq On : 20 Nov 2018 1:54
 Operator : JU/SJ
 Sample : PB114916BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114916BS

Manual Integrations
 APPROVED

Sohil
 11/20/2018 9:41:50 AM

Quant Time: Nov 20 03:05:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	42401	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	179591	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	111515	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	255867	20.00	ng	0.00
76) Chrysene-d12	21.75	240	235623	20.00	ng	0.00
87) Perylene-d12	25.07	264	250937	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	349556	142.34	ng	0.00
7) Phenol-d6	7.24	99	482334	137.59	ng	0.00
23) Nitrobenzene-d5	9.26	82	293660	87.53	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	164894	129.65	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	659263	86.13	ng	0.00
79) Terphenyl-d14	20.07	244	984474	98.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	38369	33.077	ng	96
3) Pyridine	3.92	79	114075	34.475	ng	95
4) n-Nitrosodimethylamine	3.84	42	58590	48.806	ng	97
6) Aniline	7.41	93	70707	15.628	ng	97
8) 2-Chlorophenol	7.65	128	134427	47.175	ng	97
9) Benzaldehyde	7.22	77	69274	27.326	ng	97
10) Phenol	7.27	94	175323	47.217	ng	97
11) bis(2-Chloroethyl)ether	7.51	93	125218	41.308	ng	97
12) 1,3-Dichlorobenzene	7.97	146	134533	40.982	ng	98
13) 1,4-Dichlorobenzene	8.12	146	136862	41.272	ng	98
14) 1,2-Dichlorobenzene	8.44	146	129952	41.046	ng	98
15) Benzyl Alcohol	8.33	79	117933	46.493	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	244914	43.510	ng	98
17) 2-Methylphenol	8.52	107	119397	47.562	ng	98
18) Hexachloroethane	9.17	117	49176	40.747	ng	93
19) n-Nitroso-di-n-propylamine	8.89	70	102602	40.450	ng	98
20) 3+4-Methylphenols	8.85	107	165176	46.415	ng	98
22) Acetophenone	8.92	105	191630	42.886	ng	# 98
24) Nitrobenzene	9.30	77	152958	44.569	ng	99
25) Isophorone	9.82	82	286545	47.453	ng	97
26) 2-Nitrophenol	10.02	139	74755	43.631	ng	96
27) 2,4-Dimethylphenol	10.06	122	137651	53.323	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	174509	45.194	ng	94
29) 2,4-Dichlorophenol	10.54	162	139715	48.117	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	138195	42.472	ng	95
31) Naphthalene	10.96	128	407452	46.127	ng	100
32) Benzoic acid	10.19	122	70438	43.822	ng	99
33) 4-Chloroaniline	11.07	127	42321	10.300	ng	95
34) Hexachlorobutadiene	11.22	225	81746	40.821	ng	98
35) Caprolactam	11.85	113	47392m	40.777	ng	
36) 4-Chloro-3-methylphenol	12.17	107	147307	46.436	ng	96
37) 2-Methylnaphthalene	12.55	142	302603	47.692	ng	99
38) 1-Methylnaphthalene	12.78	142	285641	46.769	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	153770	41.266	ng	99

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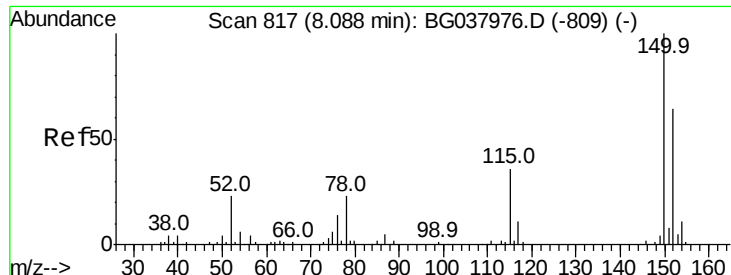
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	200183	100.324	nq	97
43) 2,4,6-Trichlorophenol	13.15	196	112777	44.414	nq	96
44) 2,4,5-Trichlorophenol	13.23	196	123124	46.083	nq	97
46) 1,1'-Biphenyl	13.56	154	381663	40.739	nq	99
47) 2-Chloronaphthalene	13.61	162	303434	42.445	nq	99
48) 2-Nitroaniline	13.81	65	104531	46.459	nq	99
49) Acenaphthylene	14.45	152	507673	47.223	nq	99
50) Dimethylphthalate	14.17	163	391819	44.320	nq	100
51) 2,6-Dinitrotoluene	14.30	165	91092	45.526	nq	94
52) Acenaphthene	14.79	154	287793	44.467	nq	99
53) 3-Nitroaniline	14.63	138	32942	14.920	nq	# 94
54) 2,4-Dinitrophenol	14.84	184	92912	85.338	nq	92
55) Dibenzofuran	15.12	168	465592	43.506	nq	98
56) 4-Nitrophenol	14.93	139	148367	87.129	nq	95
57) 2,4-Dinitrotoluene	15.09	165	127701	46.908	nq	96
58) Fluorene	15.77	166	375886	47.075	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	106997	47.859	nq	99
60) Diethylphthalate	15.53	149	406923	43.335	nq	100
61) 4-Chlorophenyl-phenylether	15.76	204	195381	41.818	nq	99
62) 4-Nitroaniline	15.80	138	96127	43.827	nq	93
63) Azobenzene	16.05	77	377793	44.998	nq	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	68563	42.366	nq	96
66) n-Nitrosodiphenylamine	15.97	169	341209	44.080	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	122004	43.443	nq	96
68) Hexachlorobenzene	16.76	284	125640	43.342	nq	98
69) Atrazine	16.91	200	127726	44.761	nq	99
70) Pentachlorophenol	17.11	266	148690	75.525	nq	96
71) Phenanthrene	17.51	178	628607	47.985	nq	98
72) Anthracene	17.61	178	634706	49.152	nq	99
73) Carbazole	17.88	167	579134	44.701	nq	100
74) Di-n-butylphthalate	18.41	149	690077	47.450	nq	99
75) Fluoranthene	19.52	202	736763	49.294	nq	99
77) Benzidine	19.70	184	184770	22.348	nq	99
78) Pyrene	19.88	202	744991	48.360	nq	99
80) Butylbenzylphthalate	20.75	149	323063	47.954	nq	98
81) Benzo(a)anthracene	21.73	228	696283	48.900	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	124392	22.427	nq	97
83) Chrysene	21.80	228	652030	47.860	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	451946	47.041	nq	99
85) Di-n-octyl phthalate	22.84	149	769120	49.483	nq	100
86) Indeno(1,2,3-cd)pyrene	28.89	276	773921	51.148	nq	97
88) Benzo(b)fluoranthene	24.02	252	679441	49.202	nq	99
89) Benzo(k)fluoranthene	24.08	252	676360	49.637	nq	99
90) Benzo(a)pyrene	24.92	252	673107	51.004	nq	98
91) Dibenzo(a,h)anthracene	28.96	278	634869	49.998	nq	98
92) Benzo(g,h,i)perylene	30.09	276	618157	48.960	nq	99

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



#1

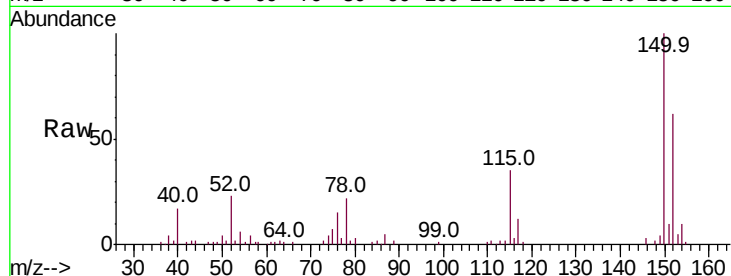
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.0	189.0
115	56.9	45.5	68.3

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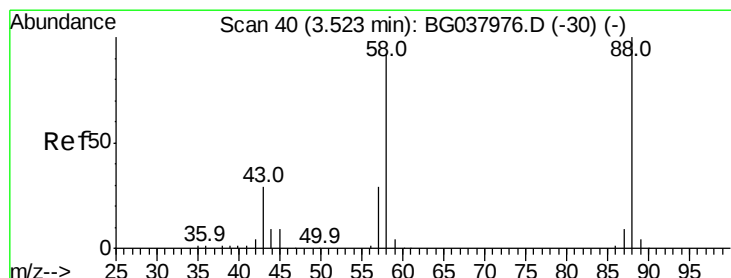
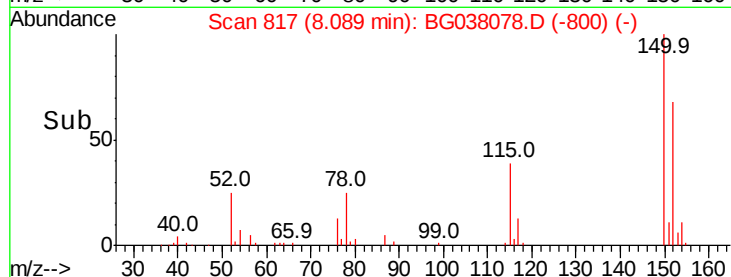
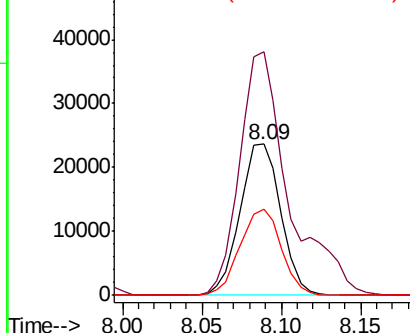


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

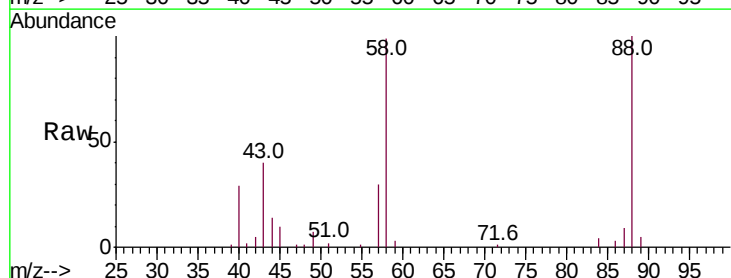
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.077 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.2	74.4	111.6
43	31.1	25.8	38.8

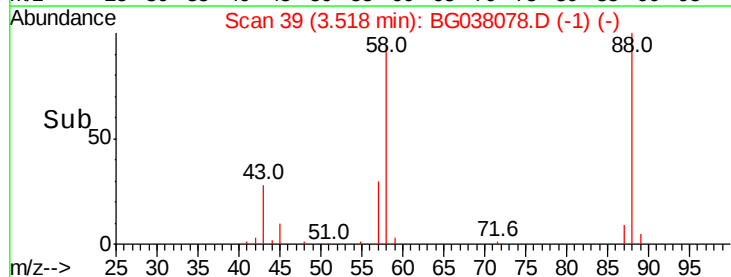
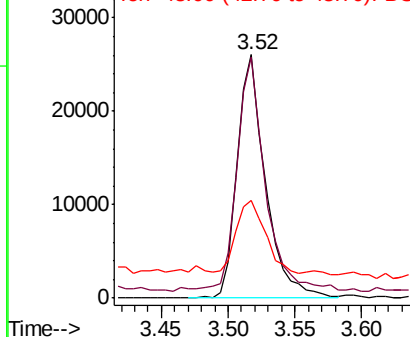


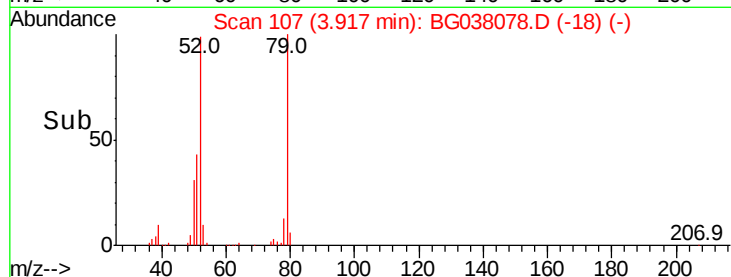
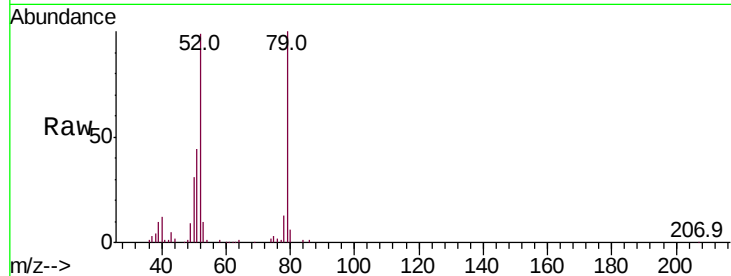
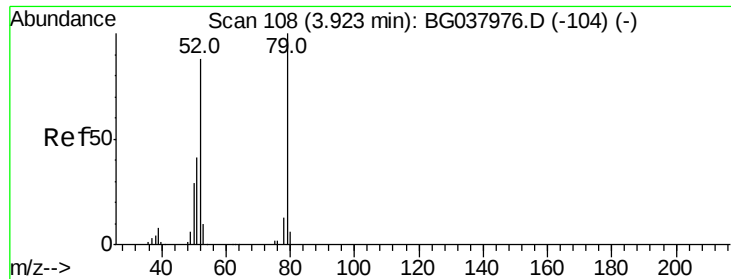
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





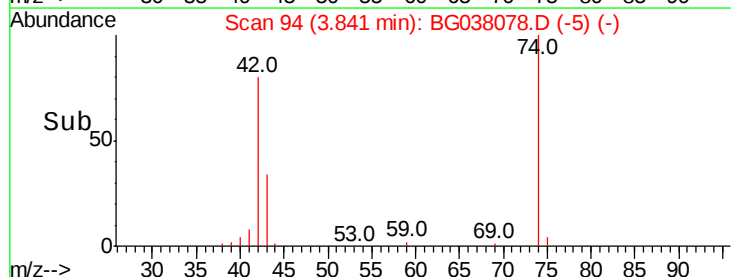
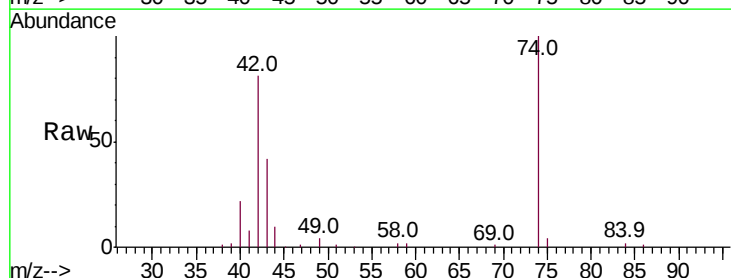
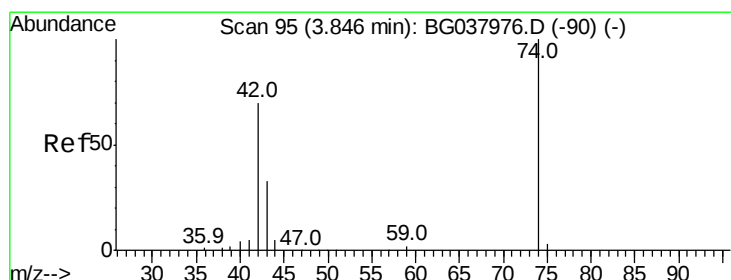
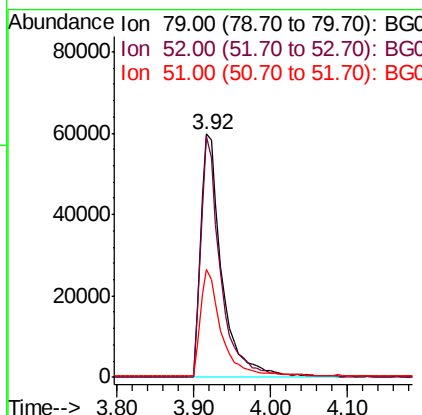
#3
Pvridine
Concen: 34.475 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.8	74.2	111.2
51	44.4	34.6	51.8

Instrument :
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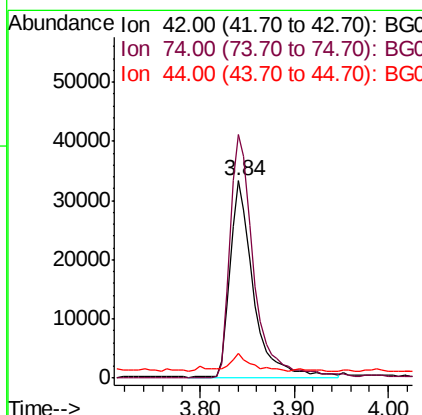
Manual Integrations
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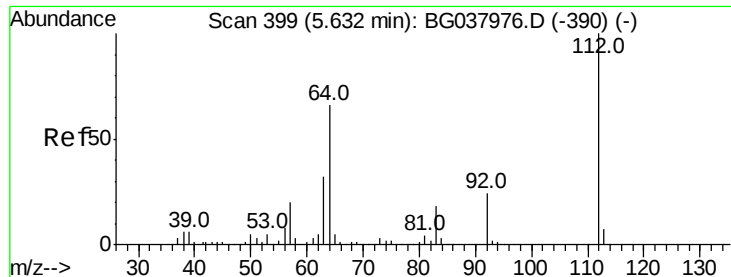
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#4
n-Nitrosodimethylamine
Concen: 48.806 ng
RT: 3.84 min Scan# 94
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.4	102.0	153.0
44	12.4	9.6	14.4





#5

2-Fluorophenol

Concen: 142.339 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

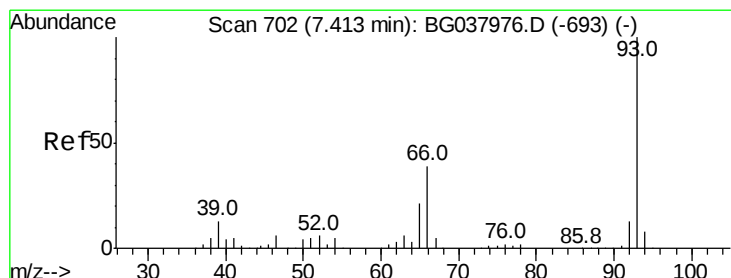
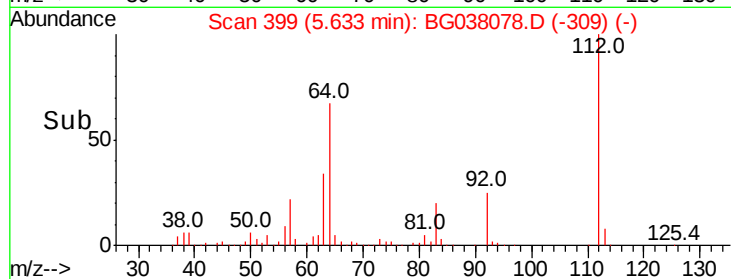
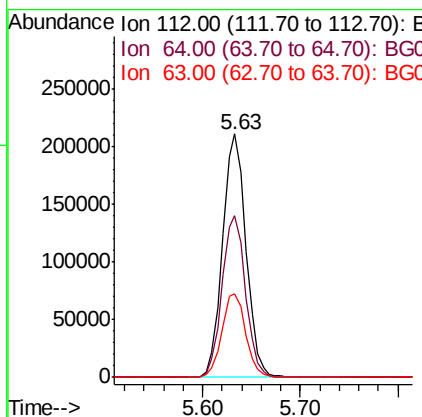
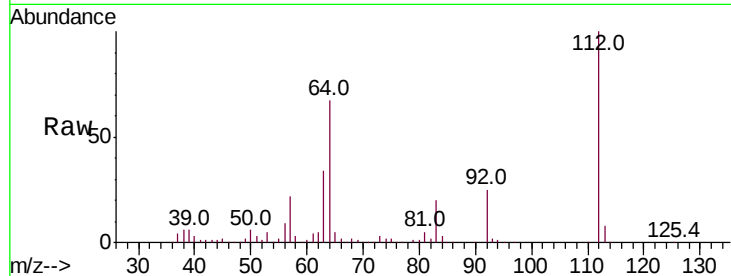
ClientSampleId :

PB114916BS

Tot Ion:	112	Resp:	349556
Ion Ratio	Lower	Upper	
112	100		
64	66.6	53.1	79.7
63	34.2	27.3	40.9

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#6

Aniline

Concen: 15.628 ng

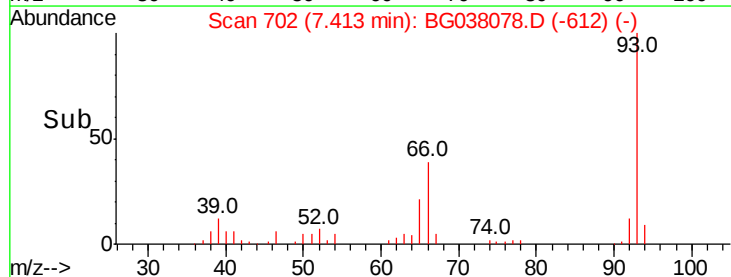
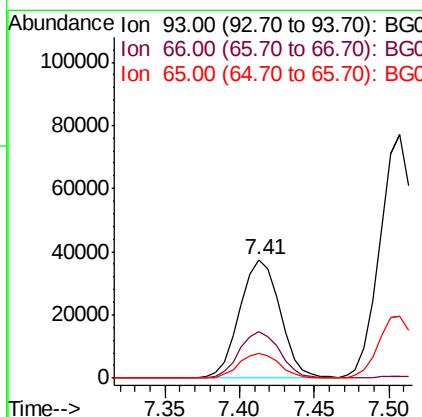
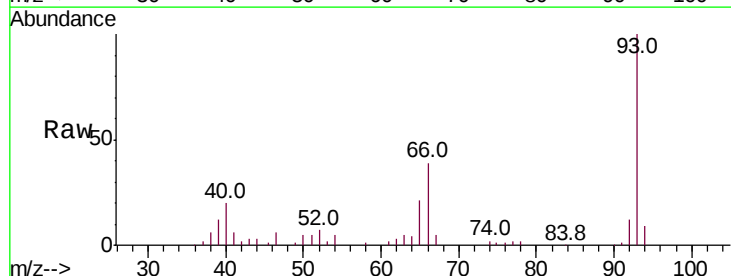
RT: 7.41 min Scan# 702

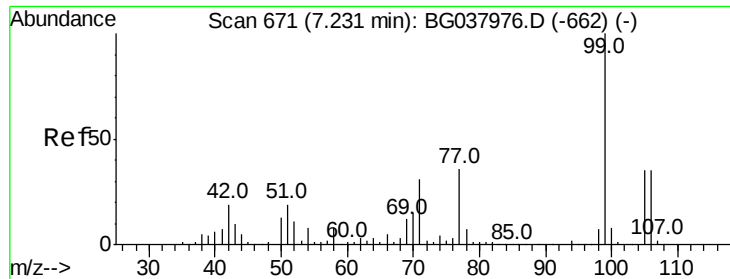
Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Tgt Ion:	93	Resp:	70707
Ion Ratio	Lower	Upper	
93	100		
66	38.8	32.8	49.2
65	20.9	16.4	24.6





#7

Phenol-d6

Concen: 137.593 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

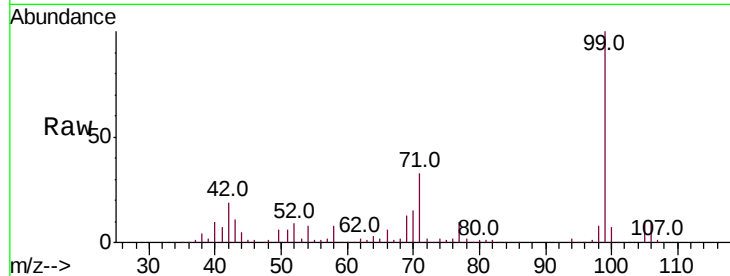
ClientSampleId :

PB114916BS

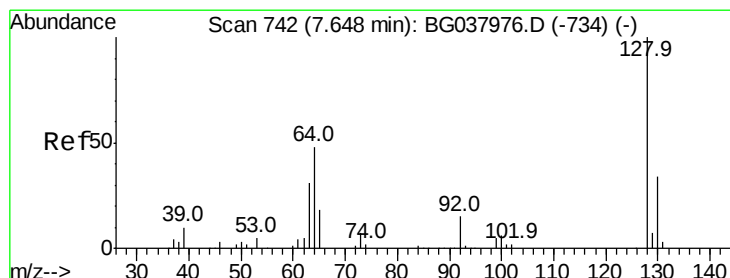
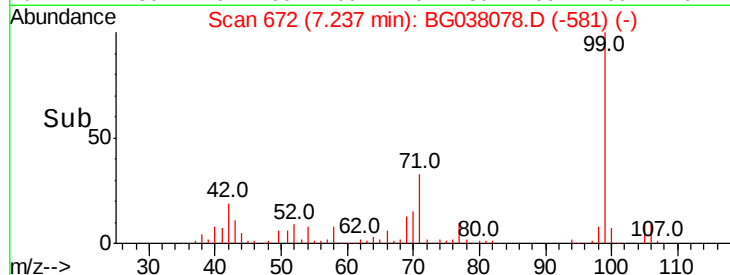
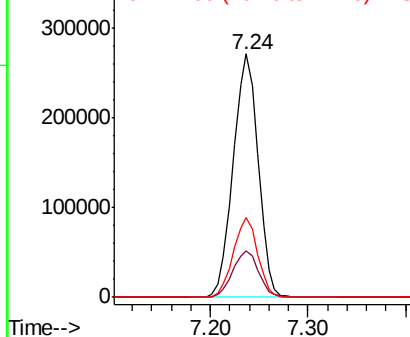
Tot Ion:	99	Resp:	482334
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.0	22.4
71	32.6	25.5	38.3

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



#8

2-Chlorophenol

Concen: 47.175 ng

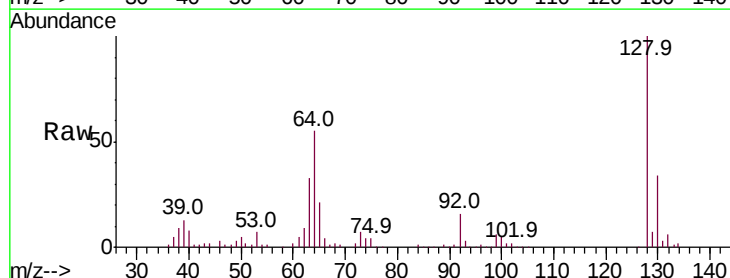
RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

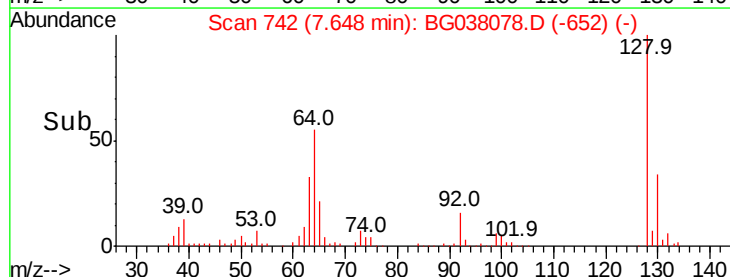
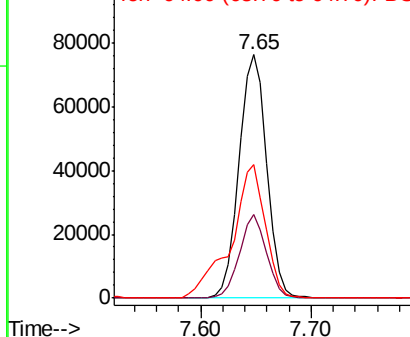
Lab File: BG038078.D

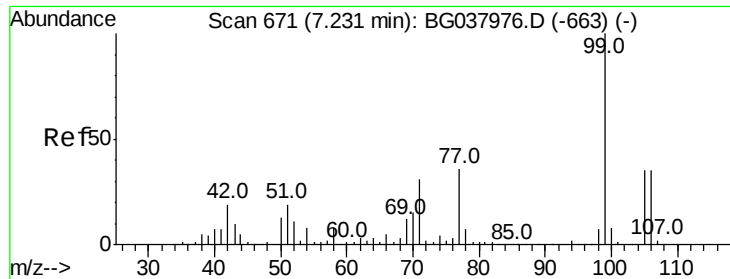
Acq: 20 Nov 2018 1:54

Tgt Ion:	128	Resp:	134427
Ion Ratio	Lower	Upper	
128	100		
130	34.1	12.0	52.0
64	55.0	32.9	72.9



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





#9

Benzaldehyde

Concen: 27.326 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

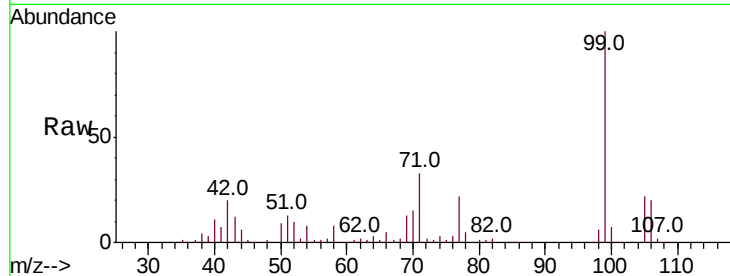
ClientSampleID :

PB114916BS

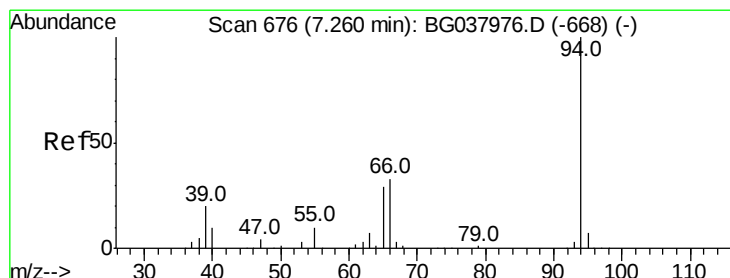
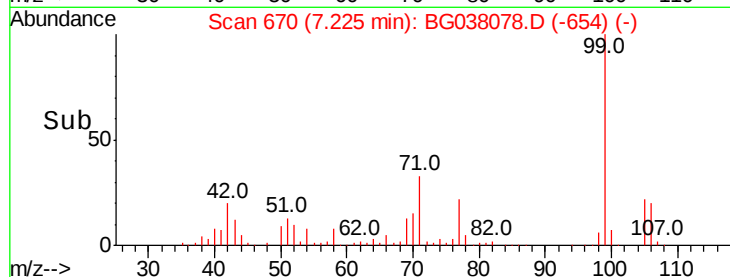
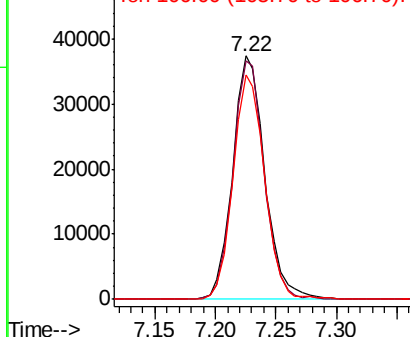
Tot Ion:	77	Resp:	69274
Ion	Ratio	Lower	Upper
77	100		
105	98.1	72.6	112.6
106	92.1	71.3	111.3

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: 47.217 ng

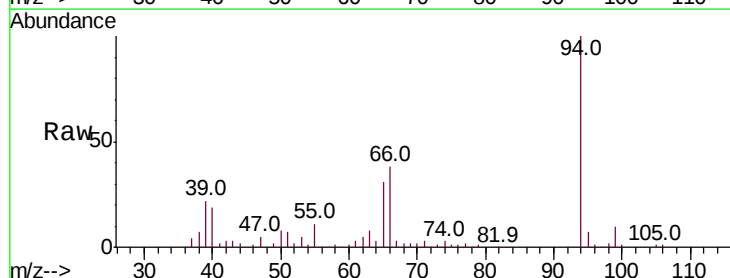
RT: 7.27 min Scan# 677

Delta R.T. 0.01 min

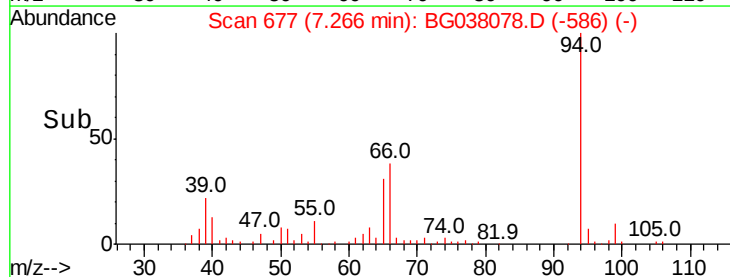
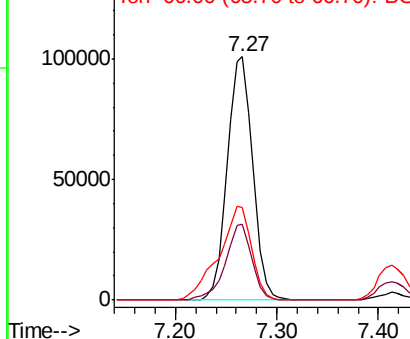
Lab File: BG038078.D

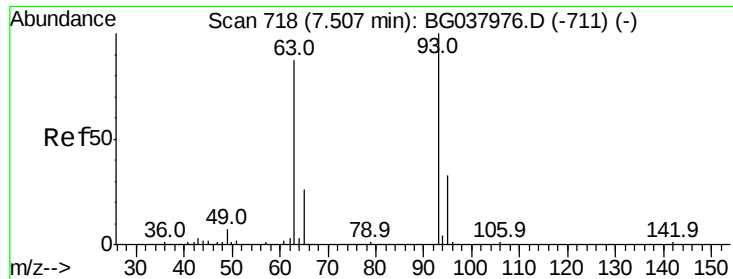
Acq: 20 Nov 2018 1:54

Tgt Ion:	94	Resp:	175323
Ion	Ratio	Lower	Upper
94	100		
65	30.9	9.7	49.7
66	38.0	15.9	55.9



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





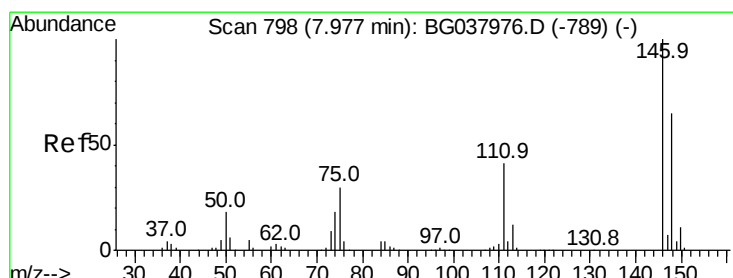
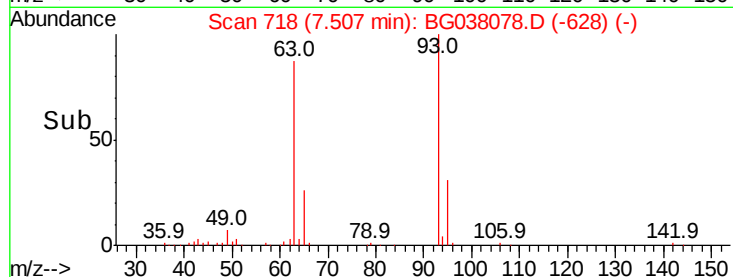
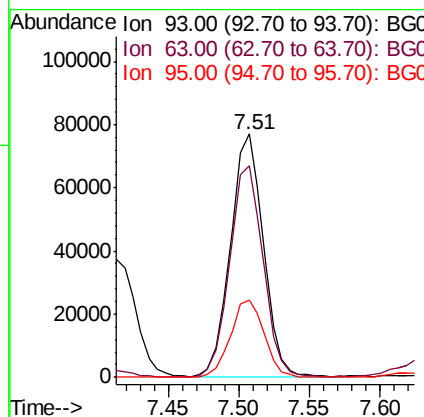
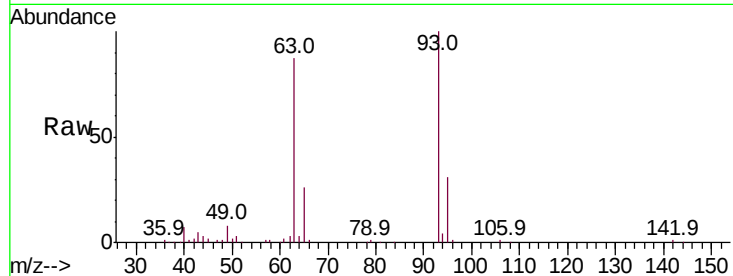
#11
bis(2-Chloroethyl)ether
Concen: 41.308 ng
RT: 7.51 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.8	69.5	109.5
95	31.5	12.6	52.6

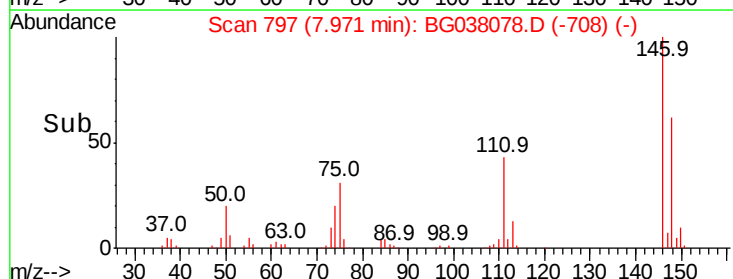
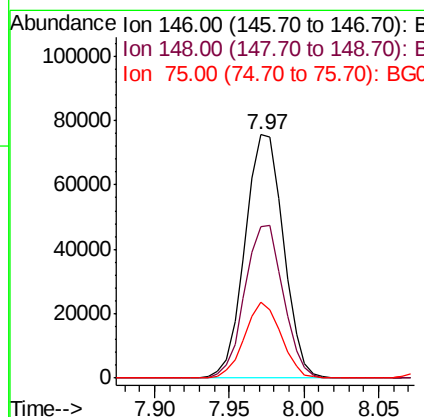
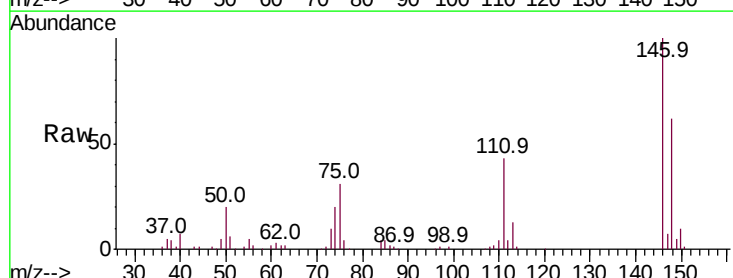
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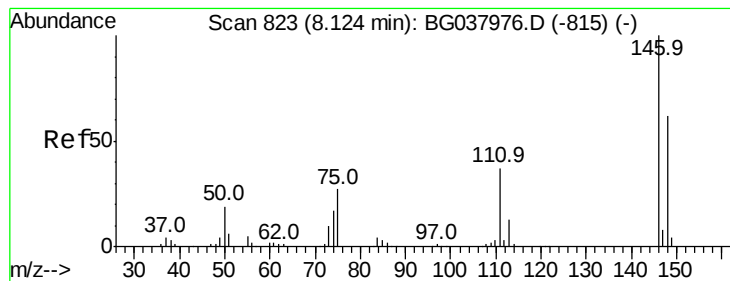
Sohil
11/20/2018 9:41:50 AM



#12
1,3-Dichlorobenzene
Concen: 40.982 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.8	74.8
75	31.4	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 41.272 ng

RT: 8.12 min Scan# 823

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

ClientSampled :

PB114916BS

Tot Ion:146 Resp: 136862

Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.6

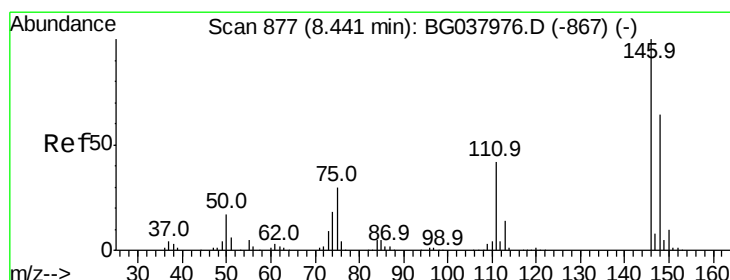
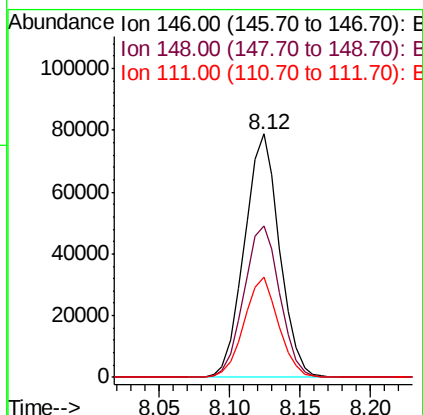
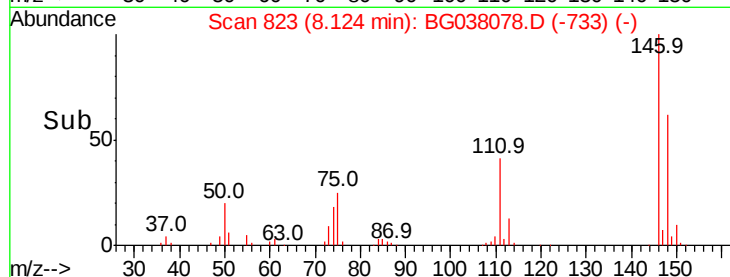
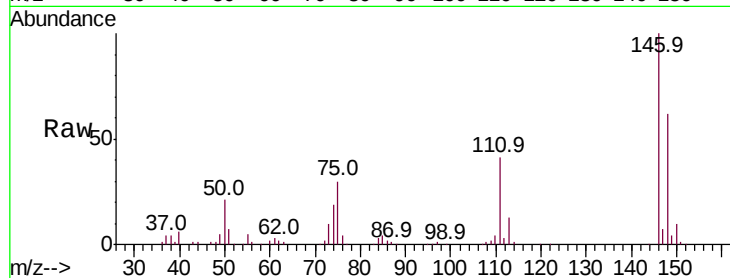
111 41.4 32.4 48.6

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#14

1,2-Dichlorobenzene

Concen: 41.046 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

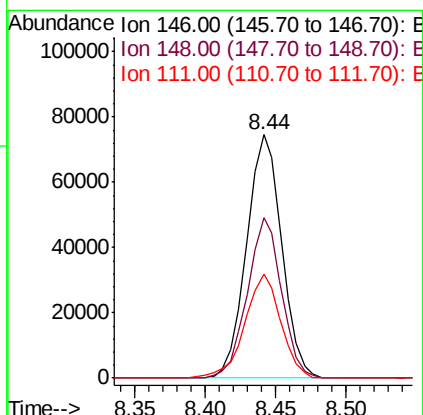
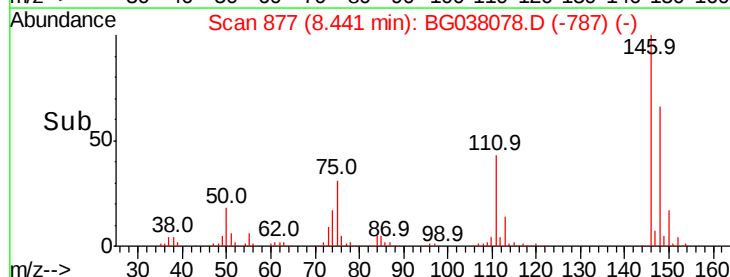
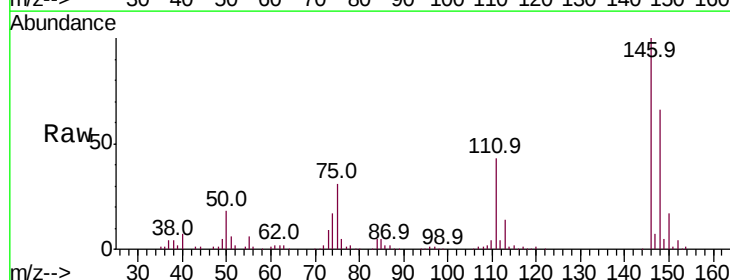
Tgt Ion:146 Resp: 129952

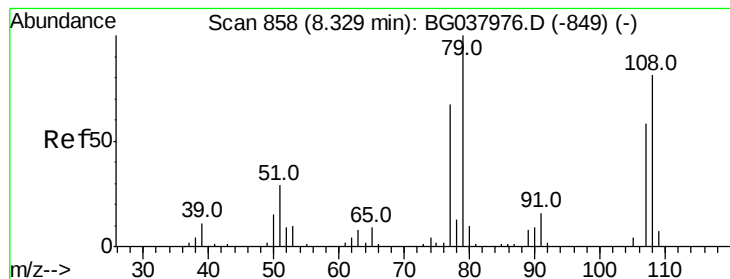
Ion Ratio Lower Upper

146 100

148 65.9 50.4 75.6

111 42.9 34.6 51.8





#15

Benzyl Alcohol

Concen: 46.493 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

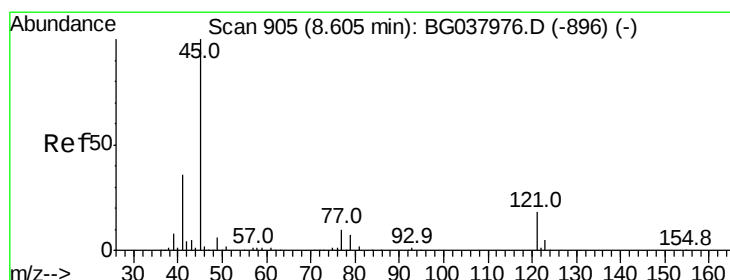
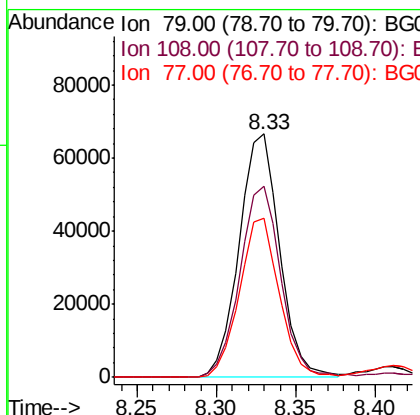
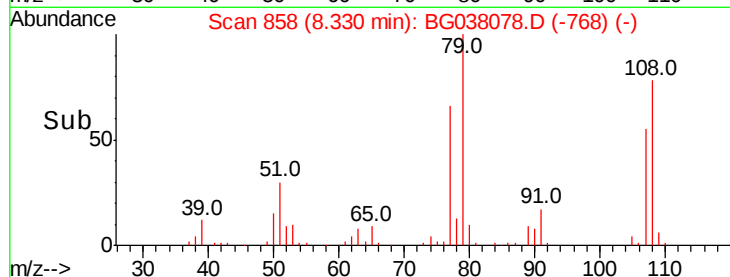
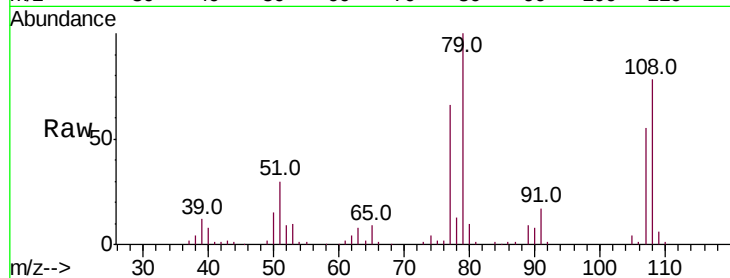
ClientSampleId :

PB114916BS

Tot Ion:	79	Resp:	117933
Ion Ratio	Lower	Upper	
79	100		
108	78.3	65.8	98.8
77	65.6	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.510 ng

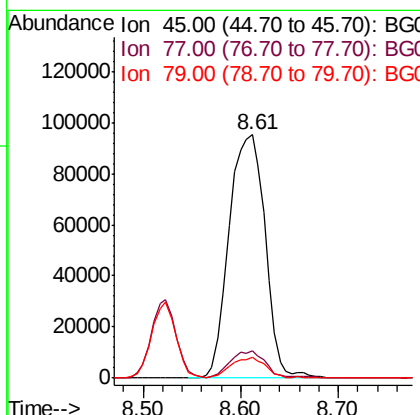
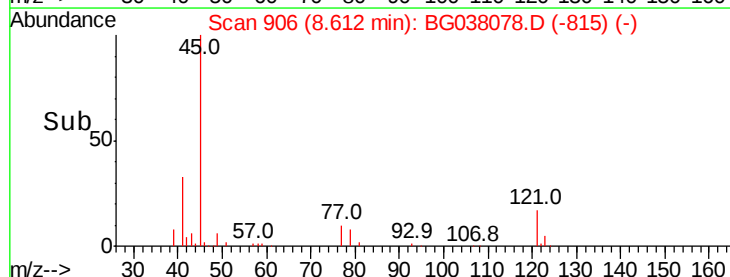
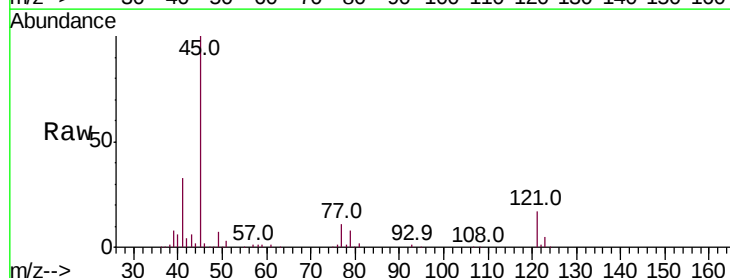
RT: 8.61 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Tgt Ion:	45	Resp:	244914
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	30.0
79	8.4	0.0	29.0





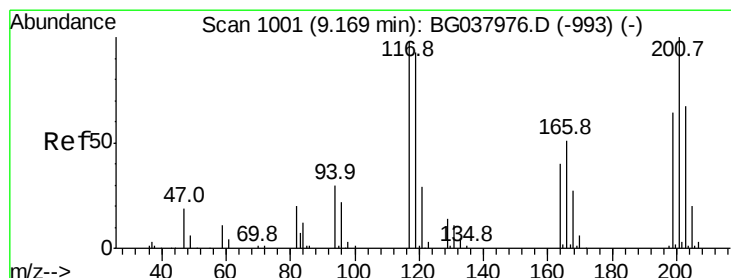
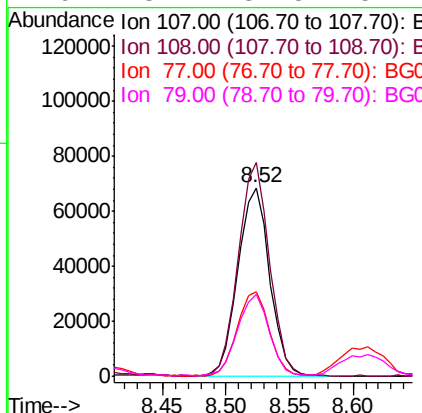
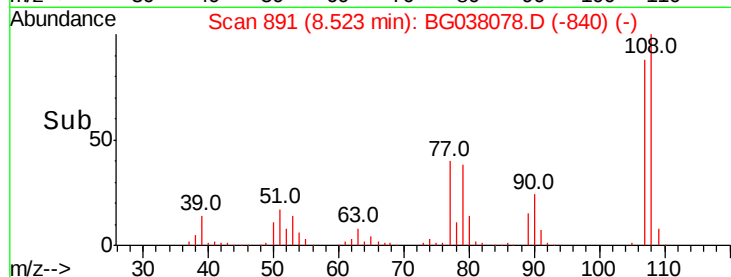
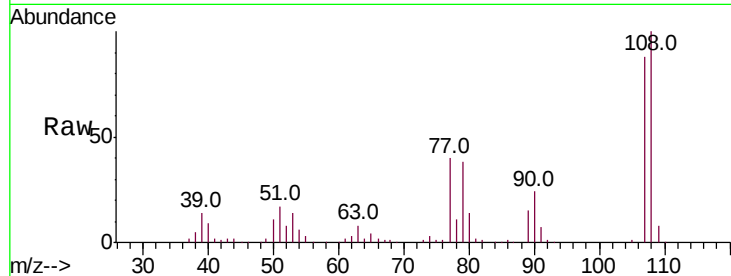
#17
2-Methylphenol
Concen: 47.562 ng
RT: 8.52 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	87.9	131.9	
77	44.9	35.1	52.7	
79	43.2	34.5	51.7	

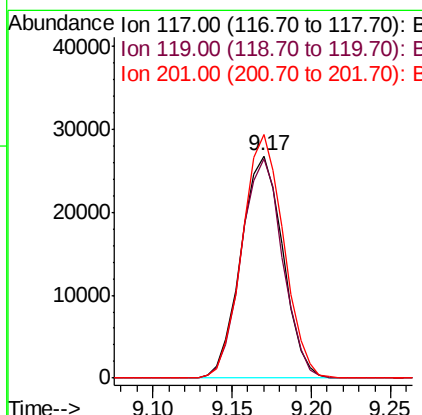
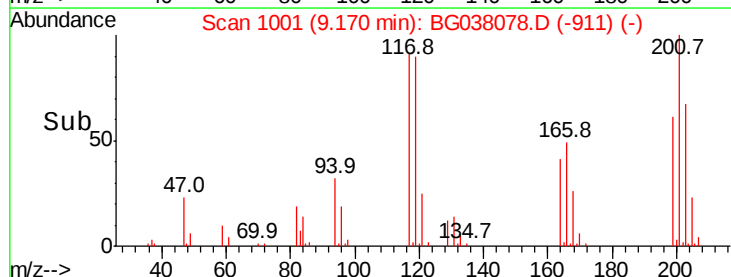
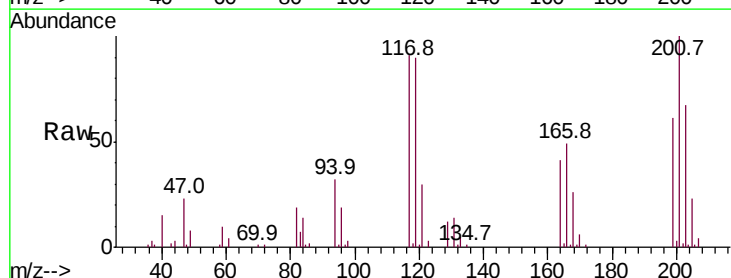
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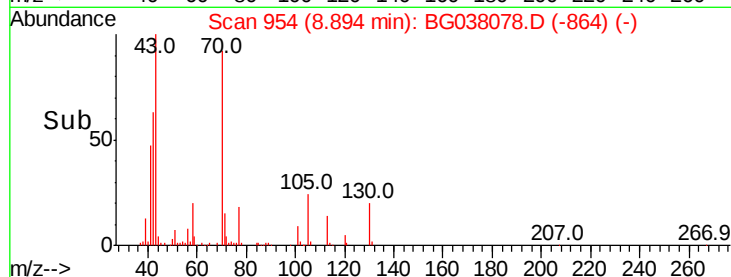
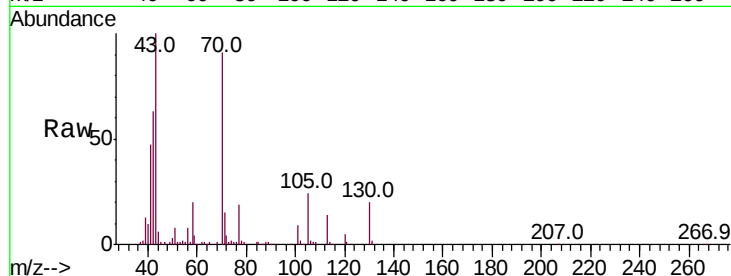
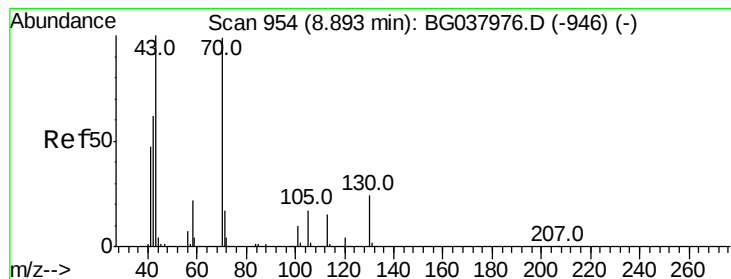
Sohil
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#18
Hexachloroethane
Concen: 40.747 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	74.6	111.8	
201	109.6	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 40.450 ng

RT: 8.89 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

ClientSampleId :

PB114916BS

Tot Ion: 70 Resp: 102602

Ion Ratio Lower Upper

70 100

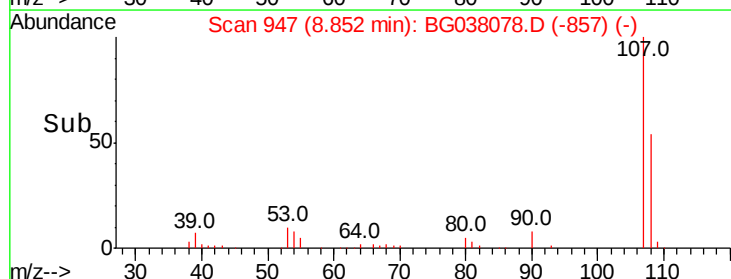
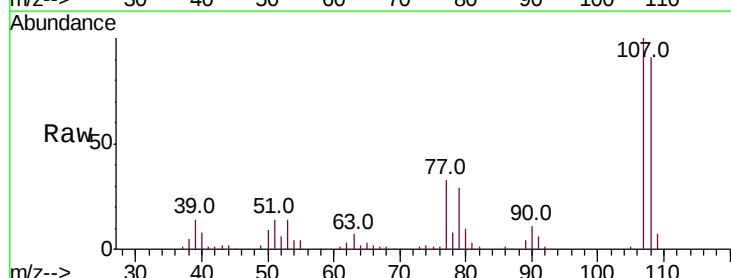
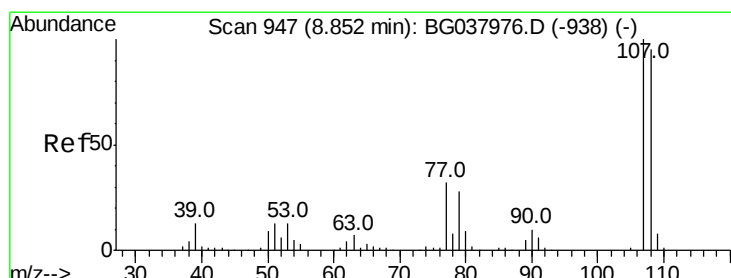
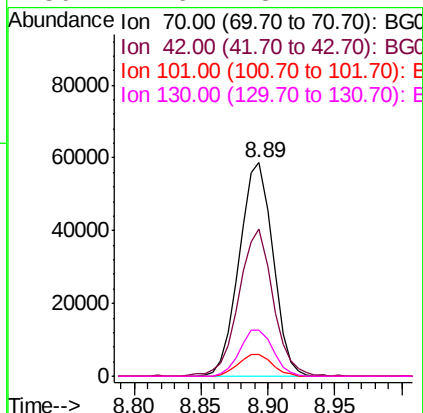
42 68.9 53.9 80.9

101 10.0 8.2 12.2

130 21.6 18.2 27.4

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#20

3+4-Methylphenols

Concen: 46.415 ng

RT: 8.85 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Tgt Ion: 107 Resp: 165176

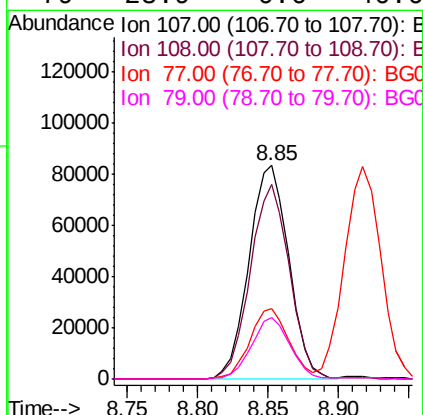
Ion Ratio Lower Upper

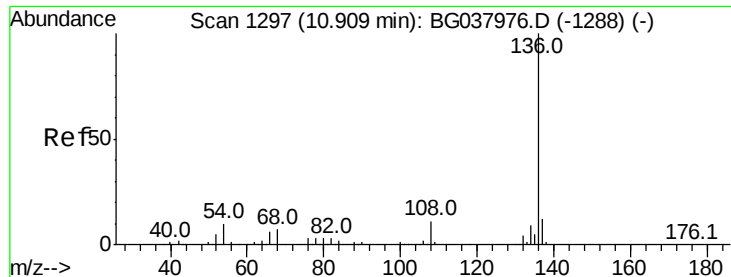
107 100

108 91.0 69.9 109.9

77 33.0 11.2 51.2

79 28.9 6.6 46.6





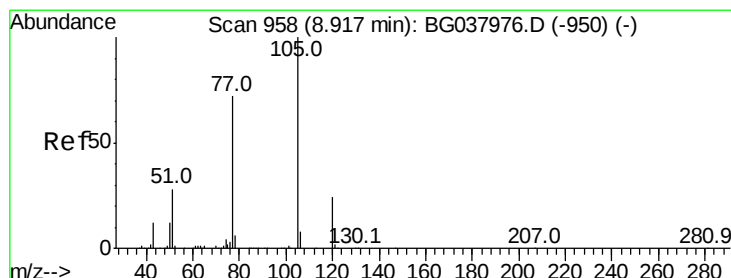
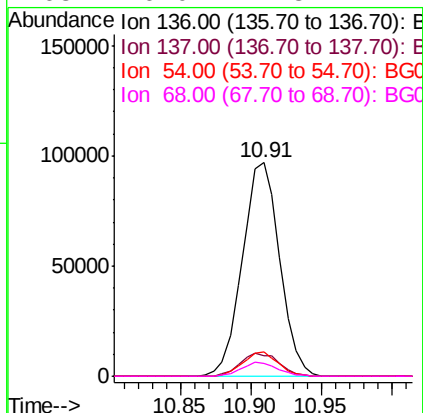
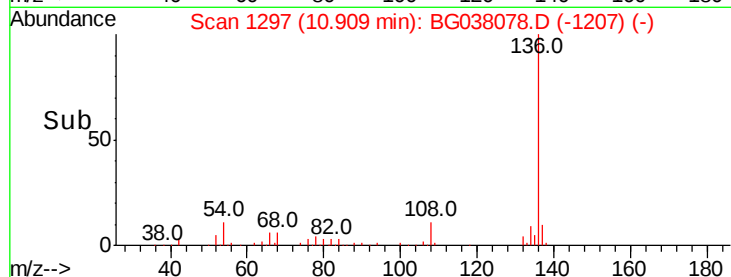
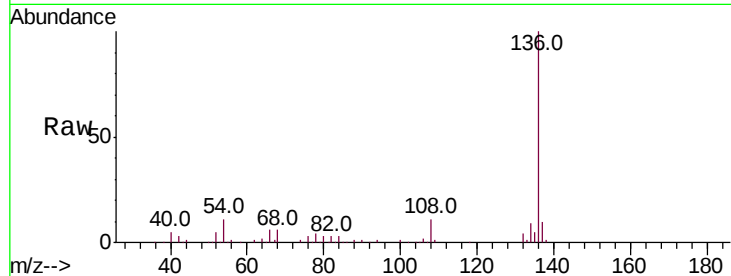
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	179591		
137	9.7		9.6	14.4
54	11.2		7.9	11.9
68	6.0		4.8	7.2

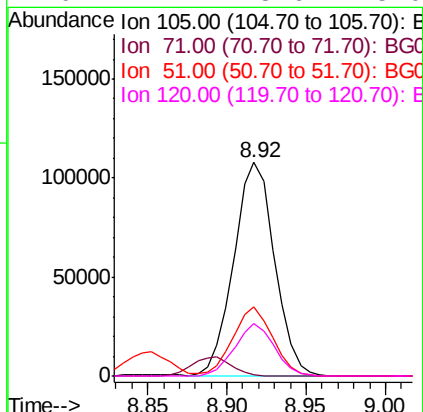
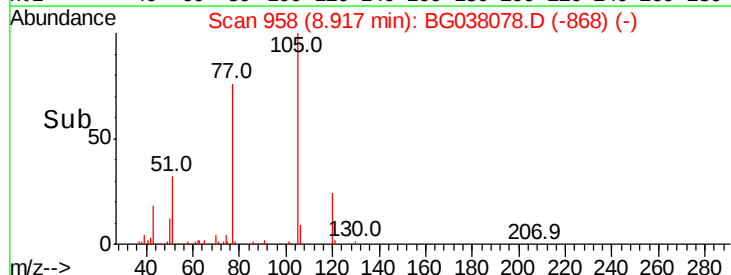
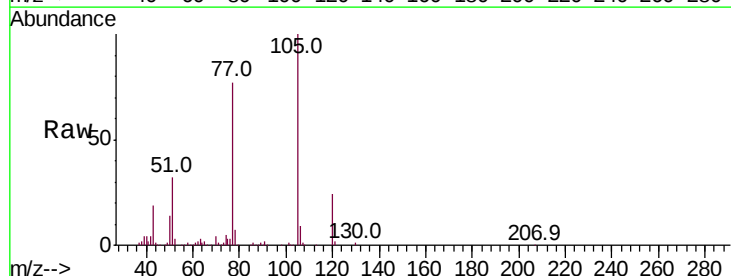
Manual Integrations
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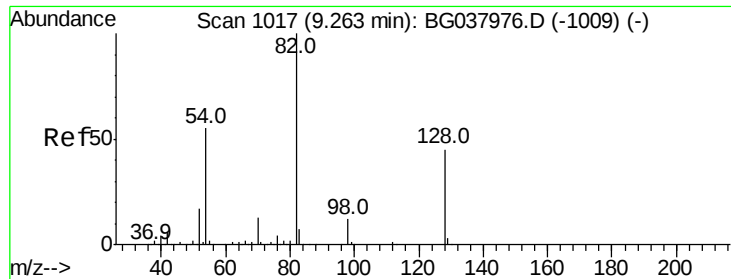
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#22
Acetophenone
Concen: 42.886 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	191630		
71	0.5		1.2	1.8#
51	32.4		25.0	37.6
120	24.4		18.6	28.0





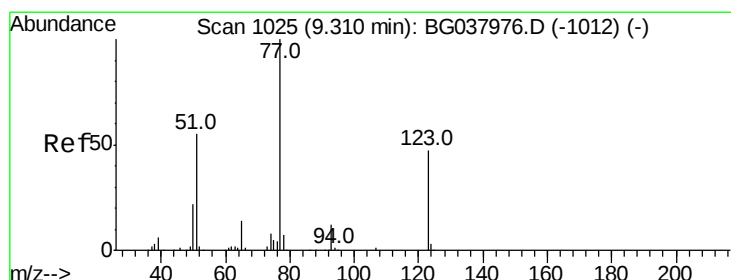
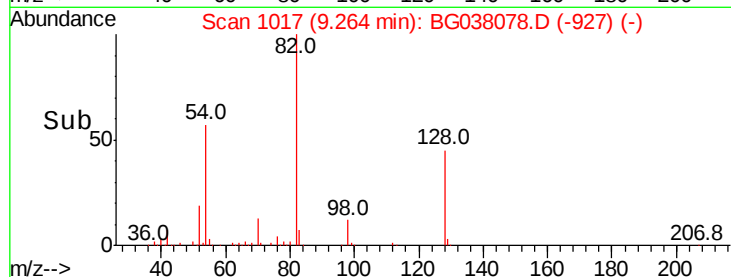
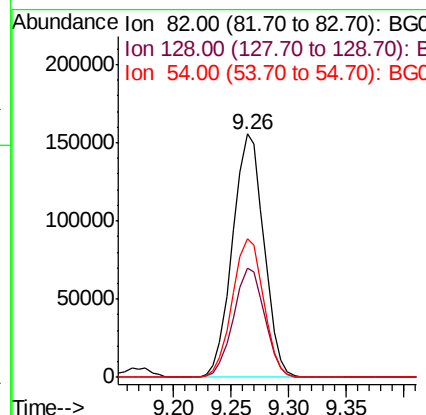
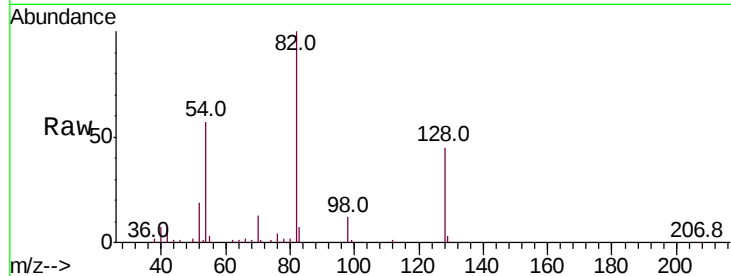
#23
Nitrobenzene-d5
Concen: 87.531 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	293660		
128	44.7	34.6	51.8	
54	56.8	45.3	67.9	

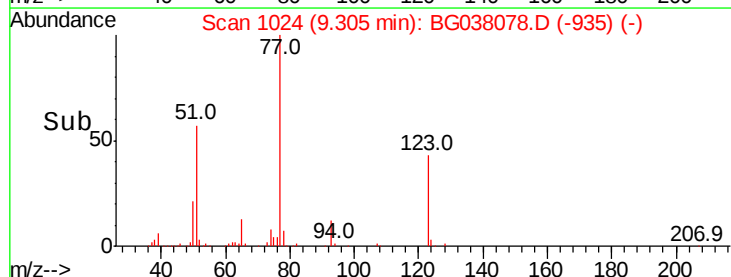
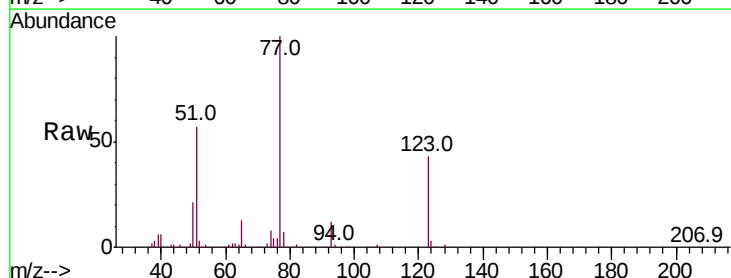
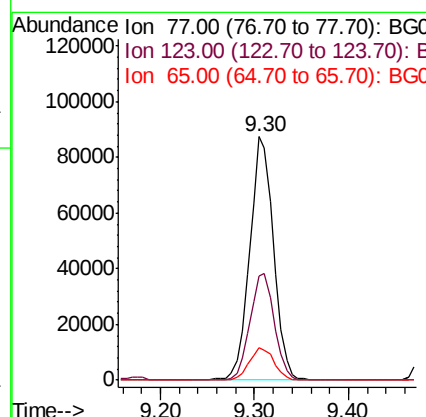
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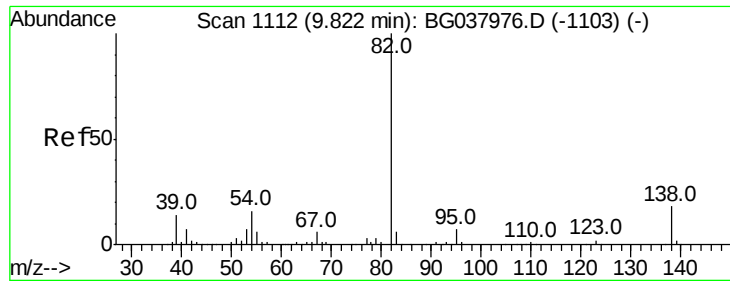
Sohil
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#24
Nitrobenzene
Concen: 44.569 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	152958		
123	42.8	33.6	50.4	
65	13.5	11.3	16.9	





#25

Isophorone

Concen: 47.453 ng

RT: 9.82 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

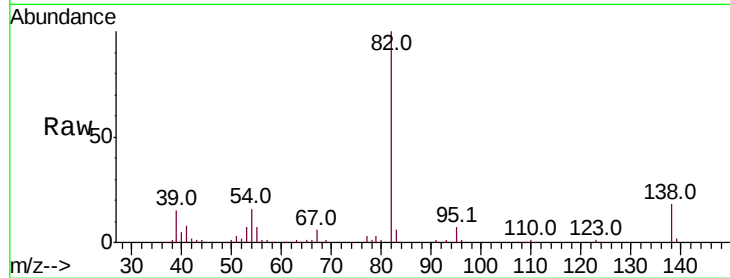
ClientSampleId :

PB114916BS

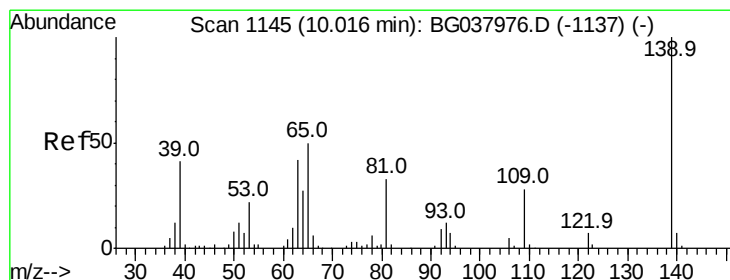
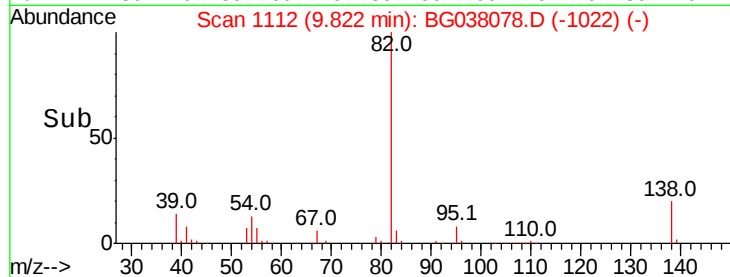
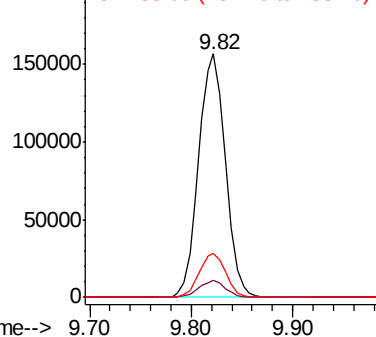
Tot Ion:	82	Resp:	286545
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	18.2	13.3	19.9

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 43.631 ng

RT: 10.02 min Scan# 1145

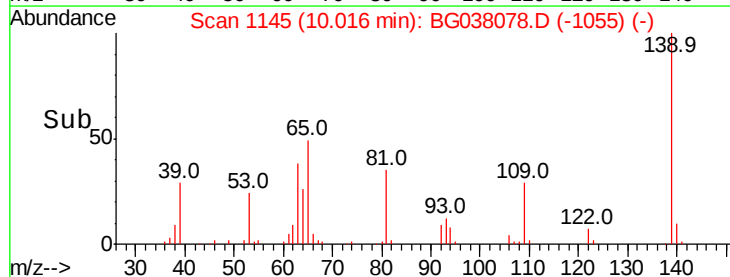
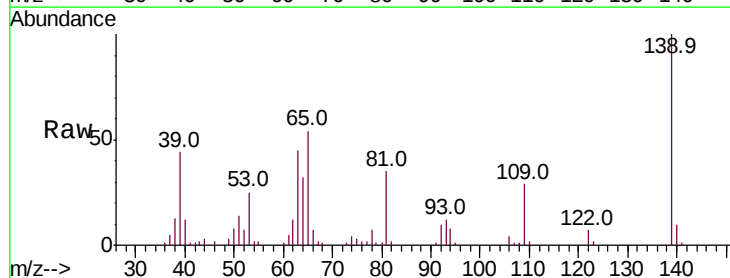
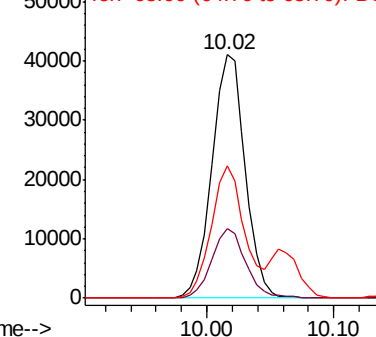
Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Tgt Ion:	139	Resp:	74755
Ion Ratio	Lower	Upper	
139	100		
109	28.8	23.3	34.9
65	54.4	39.8	59.8

Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





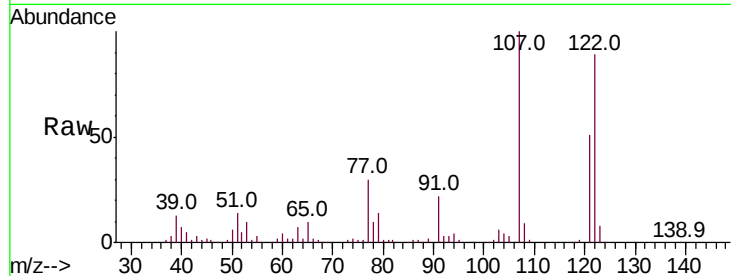
#27
 2,4-Dimethylphenol
 Concen: 53.323 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Instrument :
 BNA_G
 ClientSampleID :
 PB114916BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	94.2	141.2
121	57.5	47.3	70.9

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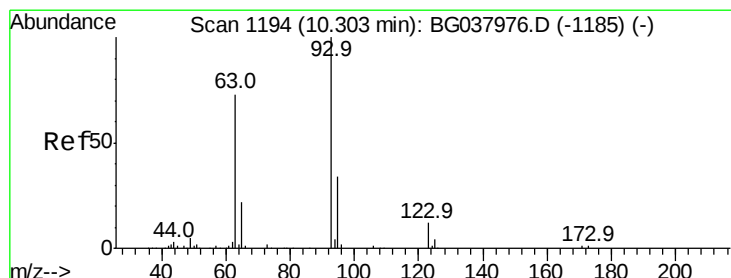
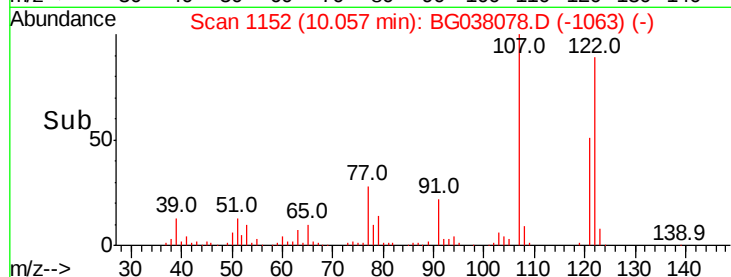
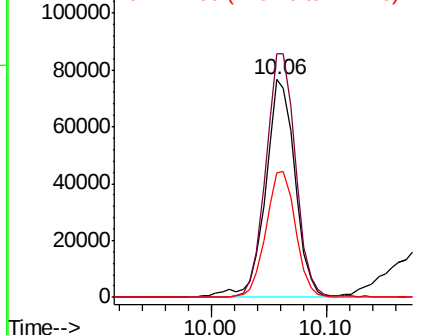


Abundance

Ion 122.00 (121.70 to 122.70): E

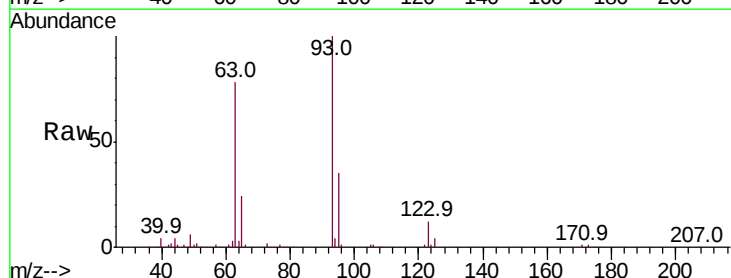
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.194 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	24.6	37.0
123	12.5	9.1	13.7

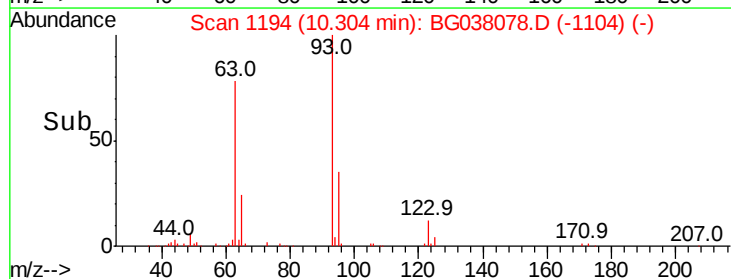
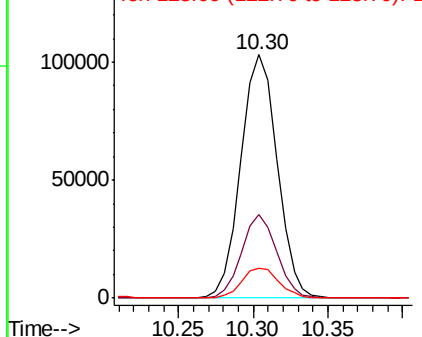


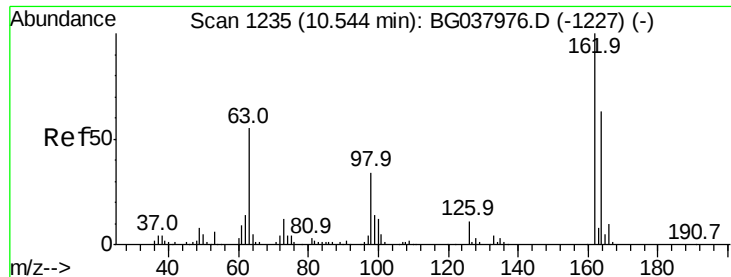
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





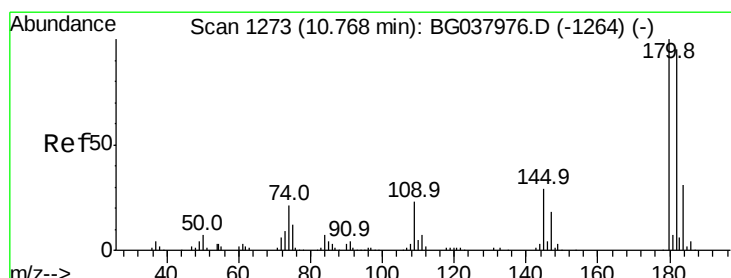
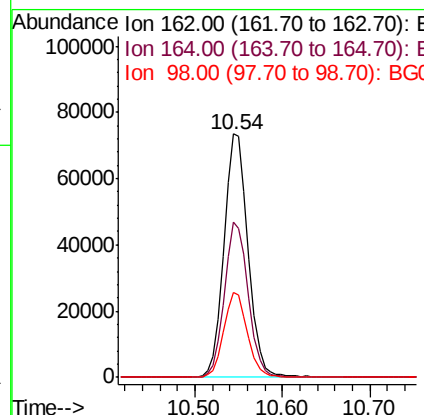
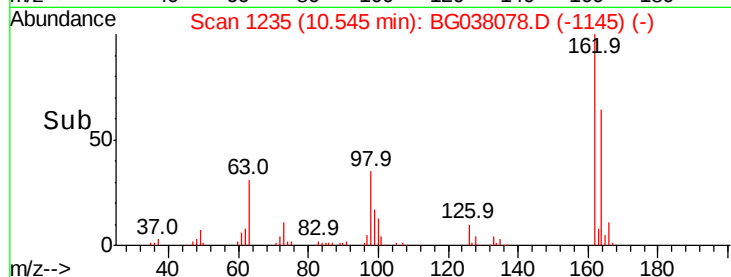
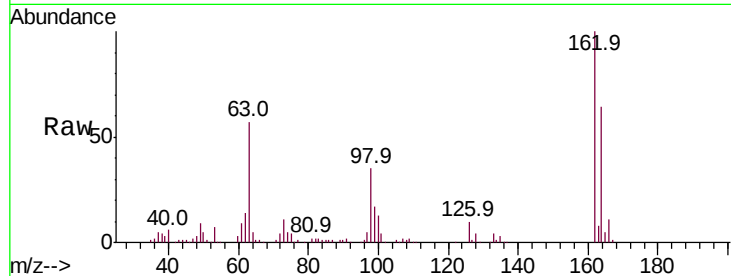
#29
 2,4-Dichlorophenol
 Concen: 48.117 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Instrument :
 BNA_G
 ClientSampleID :
 PB114916BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.6	43.2	83.2
98	35.1	16.0	56.0

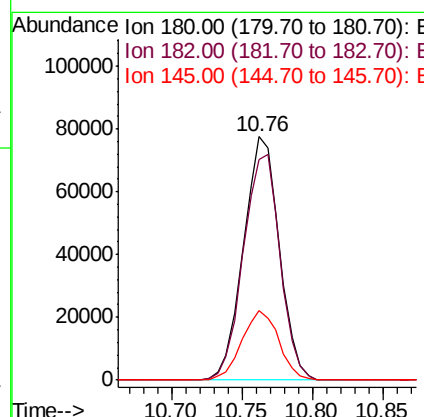
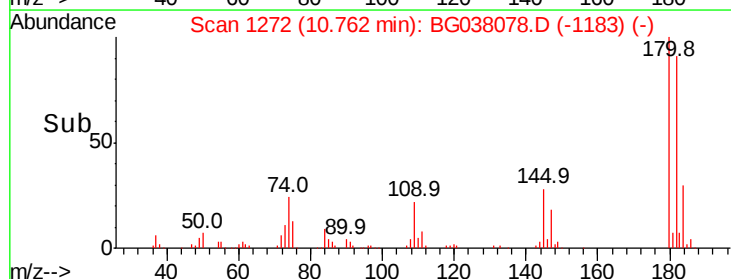
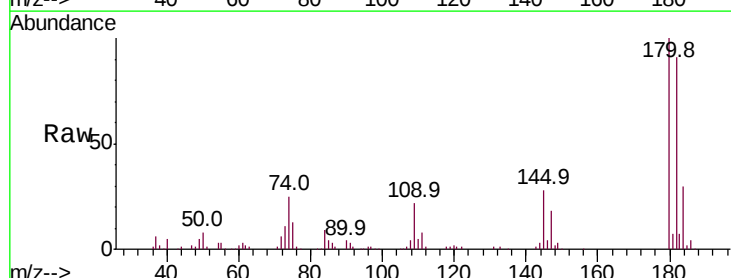
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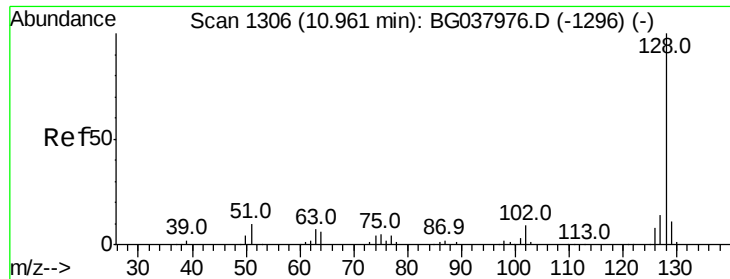
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.472 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	90.7	77.7	116.5
145	28.4	23.3	34.9





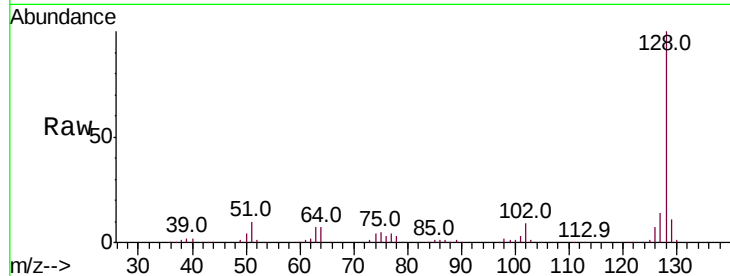
#31
Naphthalene
Concen: 46.127 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.8	11.1	16.7

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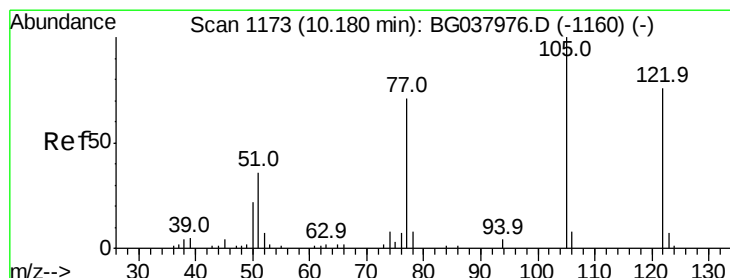
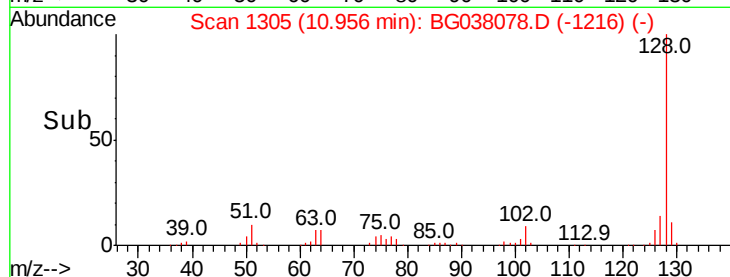
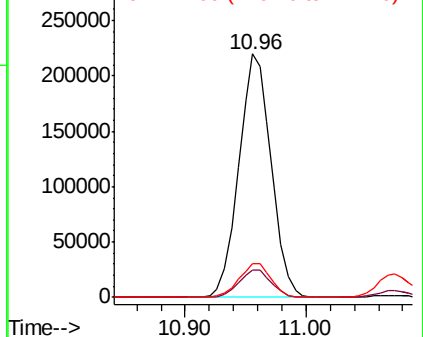


Abundance

Ion 128.00 (127.70 to 128.70): E

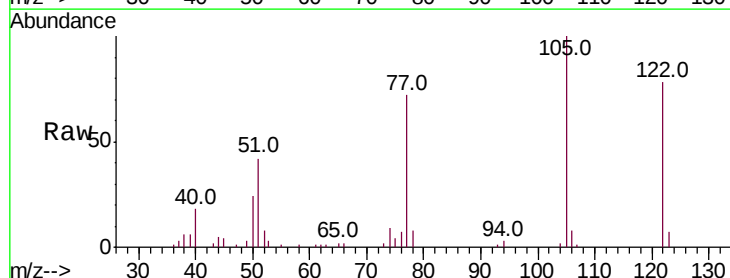
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.822 ng
RT: 10.19 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	106.7	146.7
77	92.3	72.2	112.2

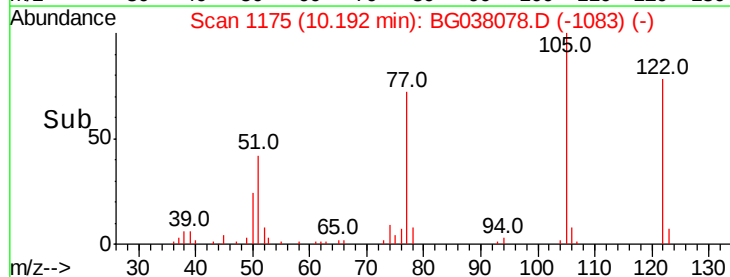
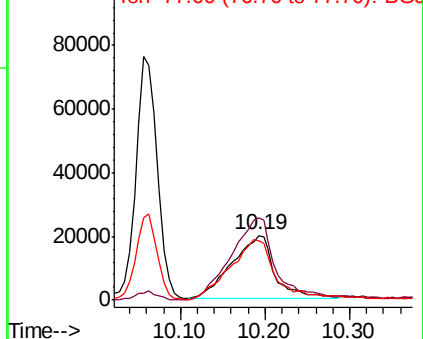


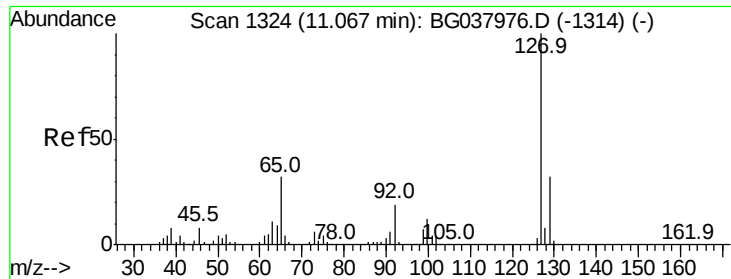
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





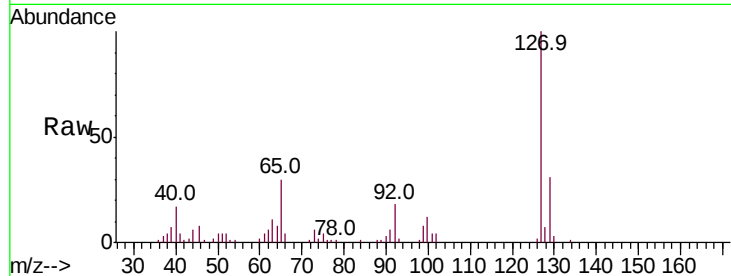
#33
4-Chloroaniline
Concen: 10.300 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

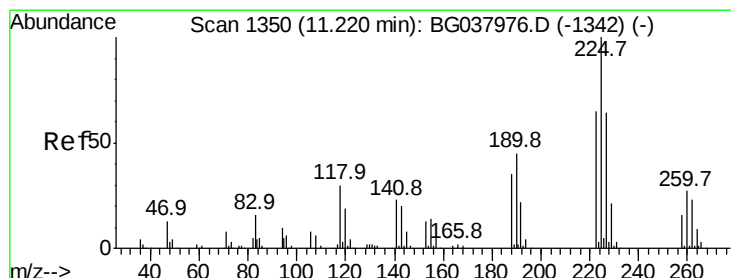
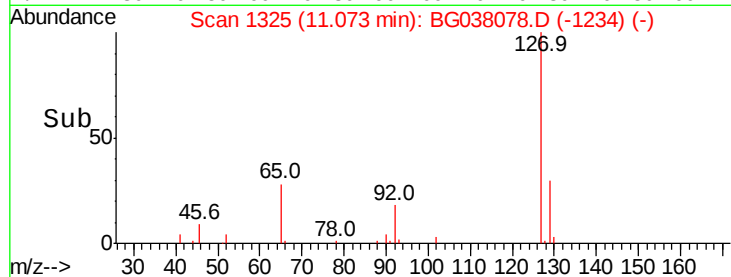
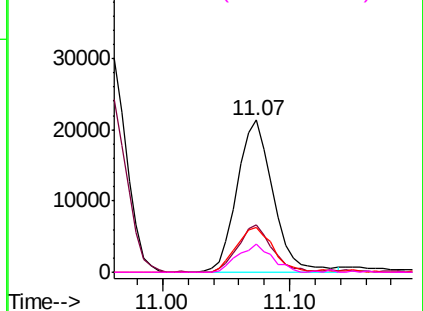
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	27.1	40.7
65	29.6	26.6	39.8
92	18.5	16.4	24.6

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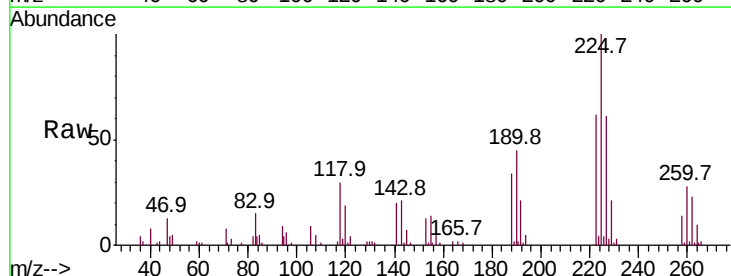


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

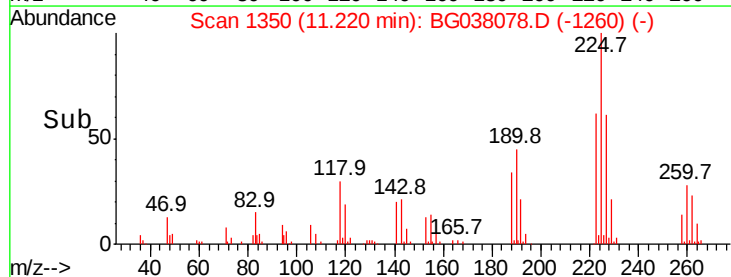
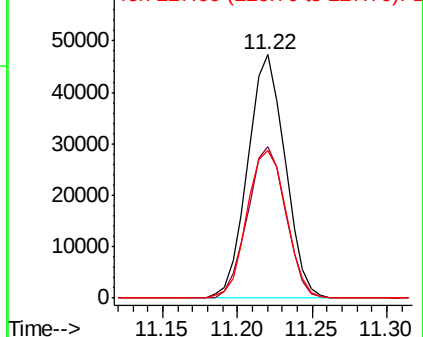


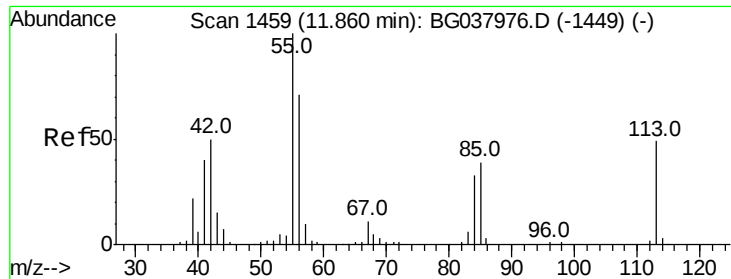
#34
Hexachlorobutadiene
Concen: 40.821 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.2	72.4
227	63.6	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





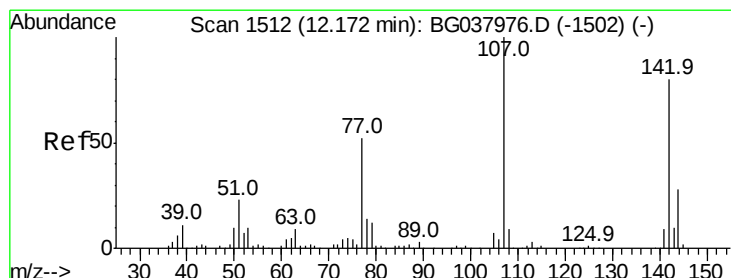
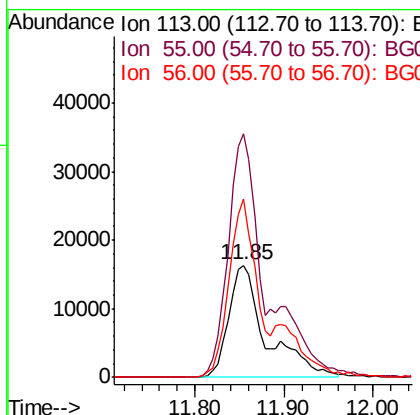
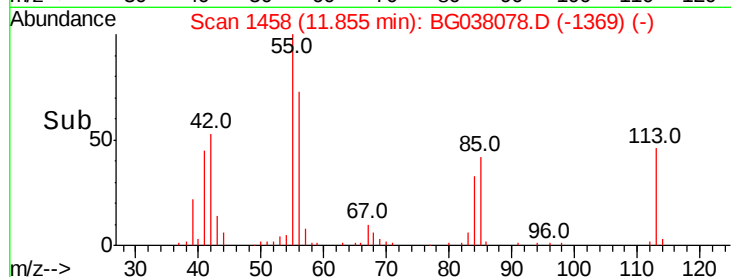
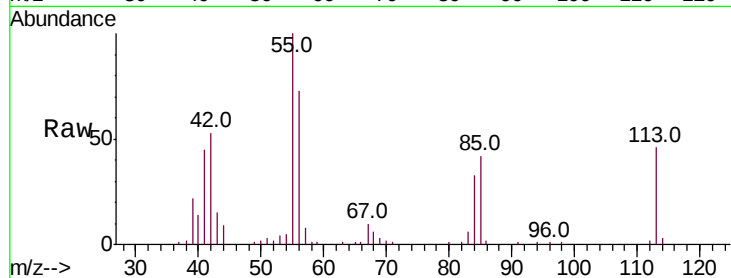
#35
Caprolactam
Concen: 40.777 ng/ml
RT: 11.85 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleID :
PB114916BS

Tot Ion: 113 Resp: 47392
Ion Ratio Lower Upper
113 100
55 216.8 176.6 216.6#
56 158.6 128.3 168.3

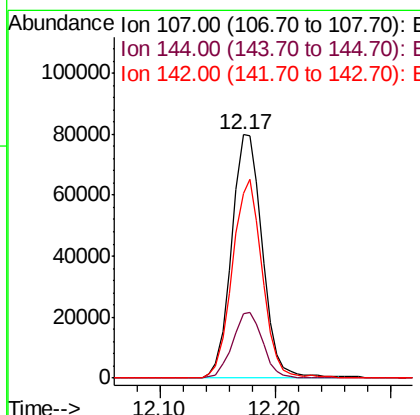
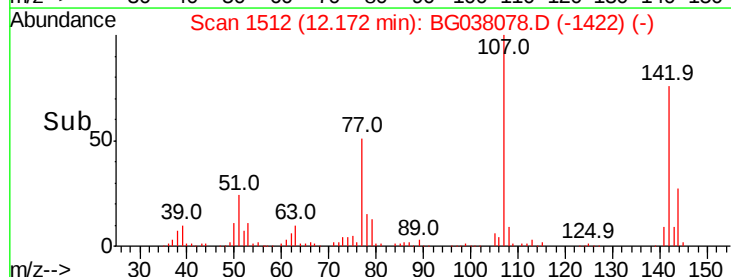
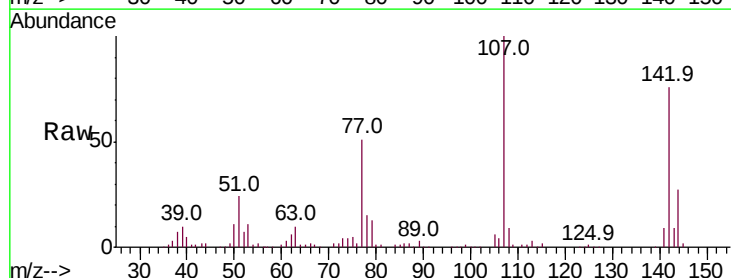
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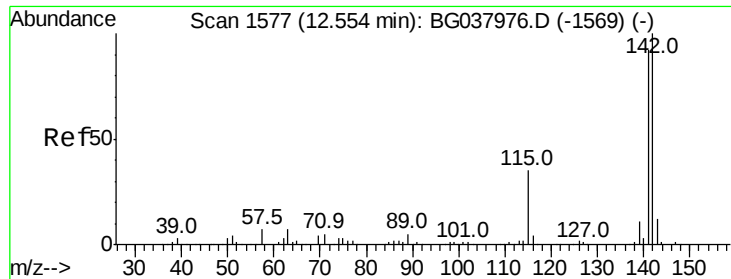
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#36
4-Chloro-3-methylphenol
Concen: 46.436 ng/ml
RT: 12.17 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion: 107 Resp: 147307
Ion Ratio Lower Upper
107 100
144 26.6 20.7 31.1
142 76.0 64.4 96.6





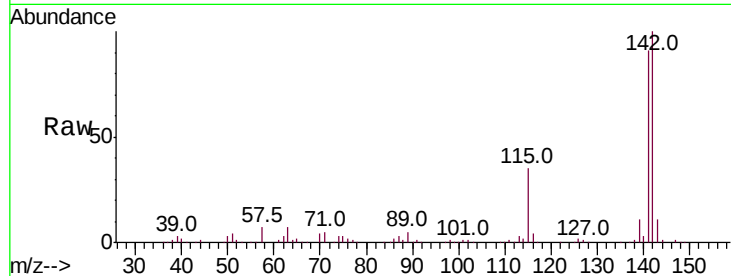
#37
2-Methylnaphthalene
Concen: 47.692 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
115	35.3	27.8	41.8

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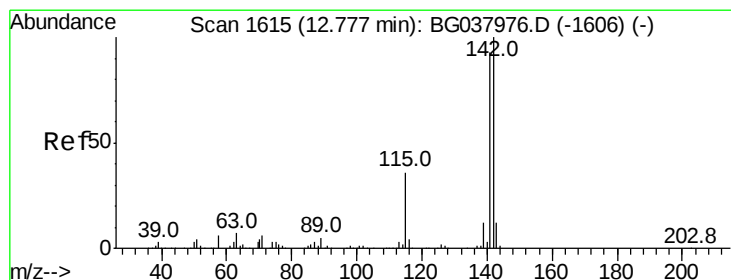
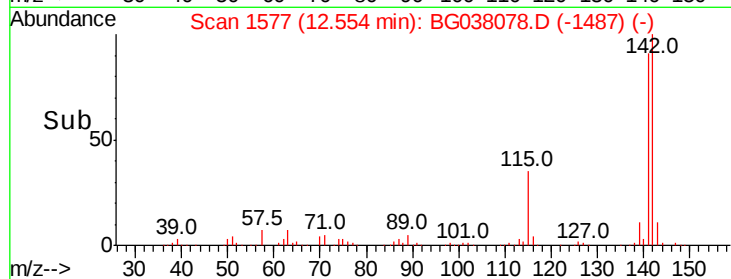
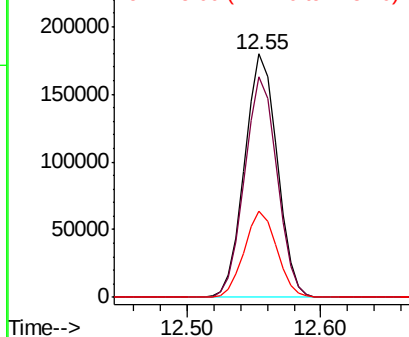


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.769 ng
RT: 12.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

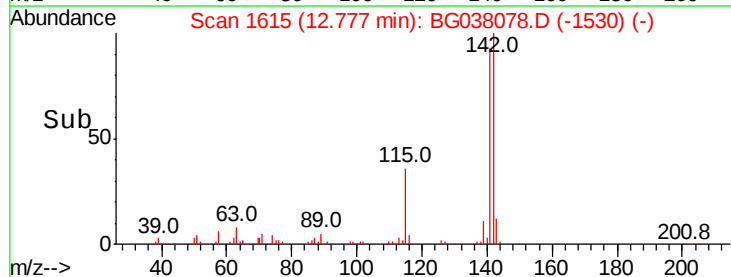
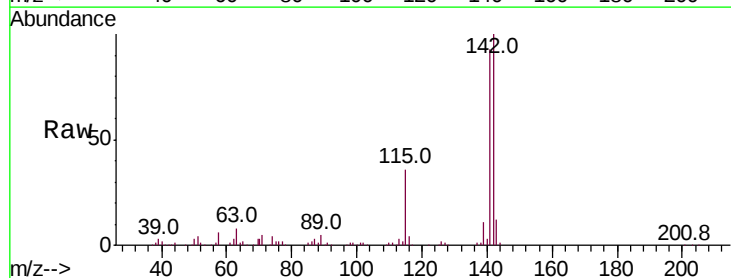
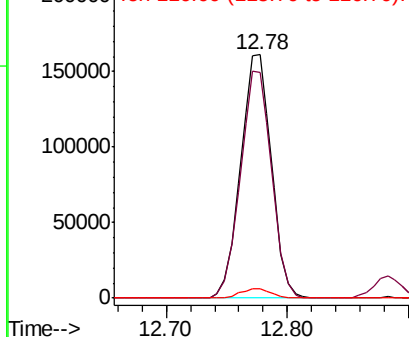
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.2	112.8
116	3.8	3.3	4.9

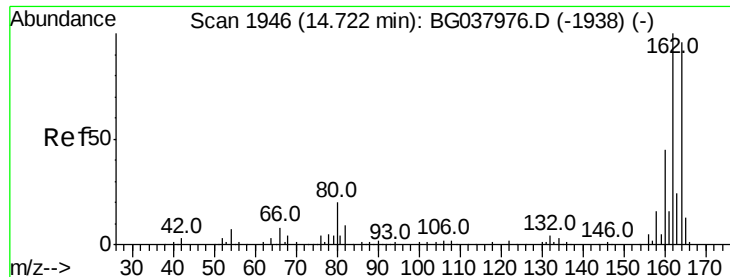
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

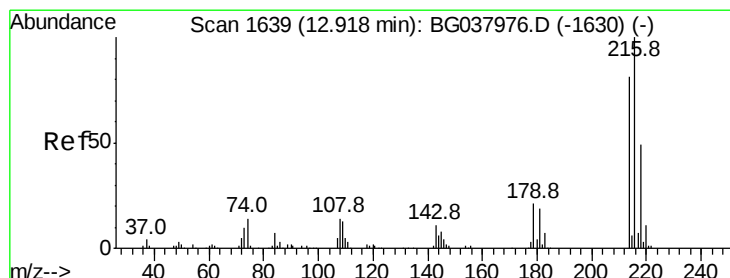
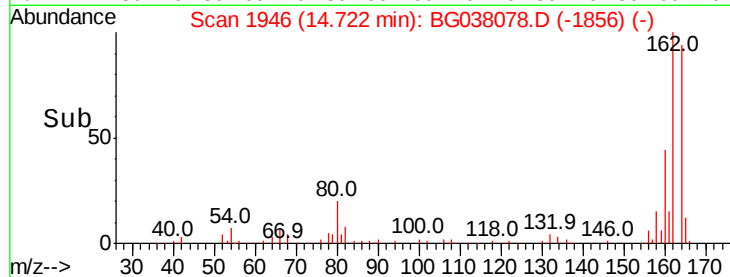
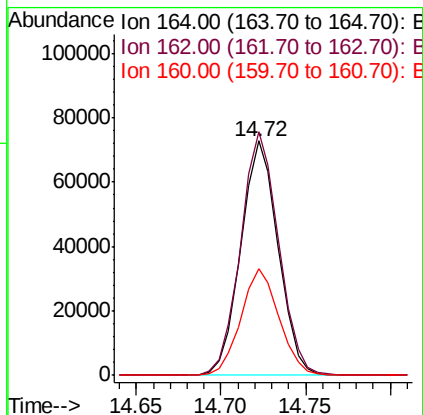
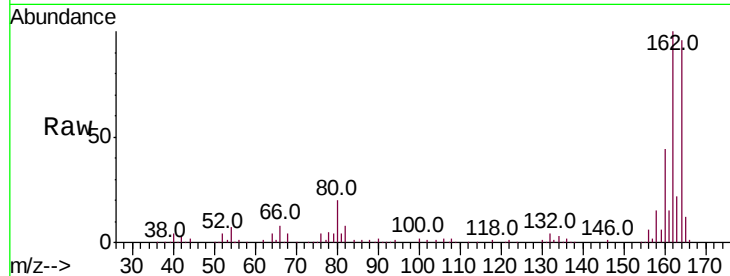
ClientSampleId :

PB114916BS

Tot Ion:	164	Resp:	111515
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.3	121.9
160	45.4	36.3	54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.266 ng

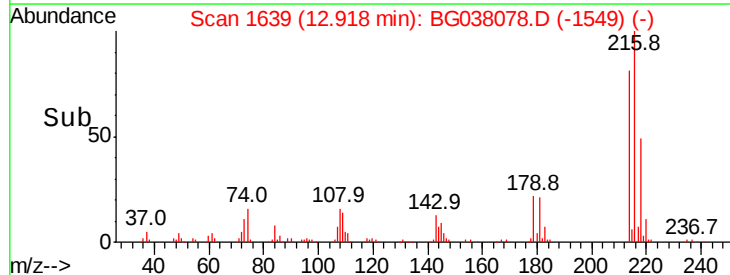
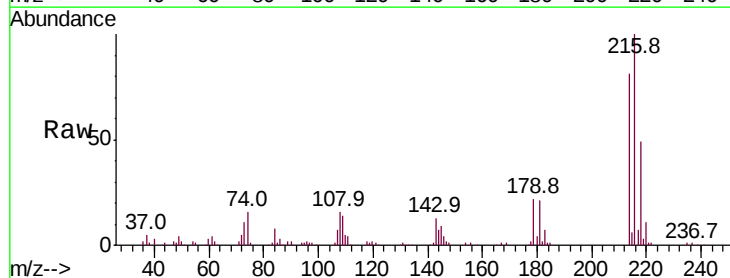
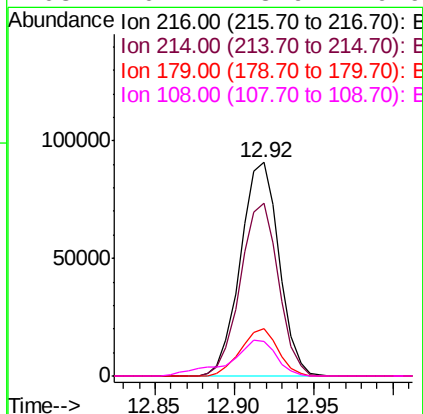
RT: 12.92 min Scan# 1639

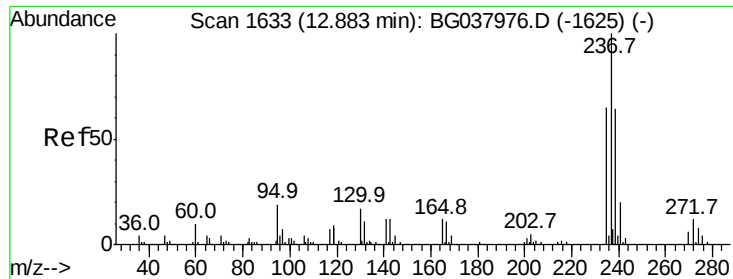
Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Tgt Ion:	216	Resp:	153770
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.8	95.6
179	21.5	17.4	26.0
108	20.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 100.324 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

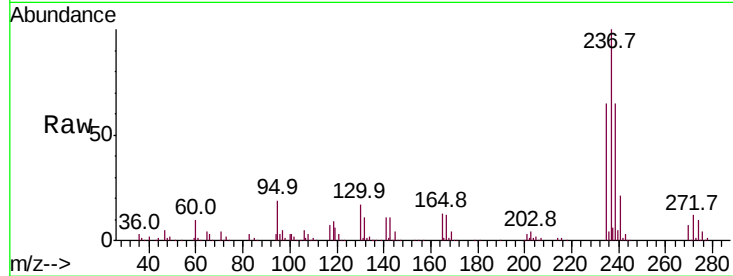
ClientSampleId :

PB114916BS

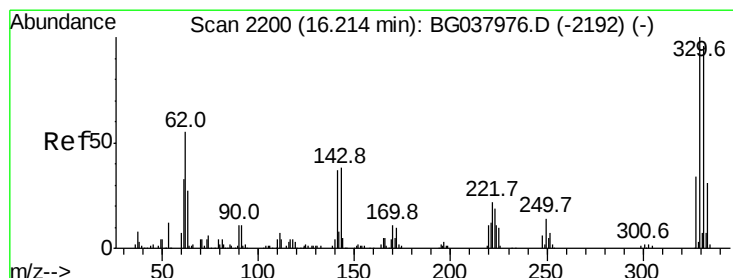
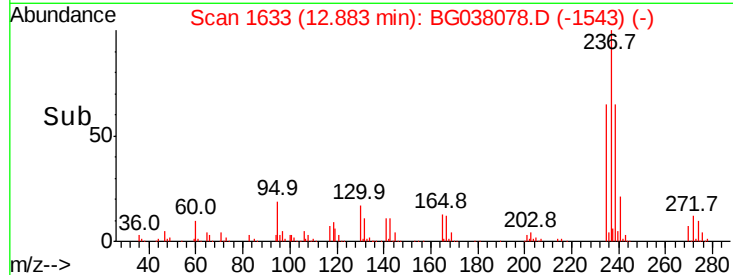
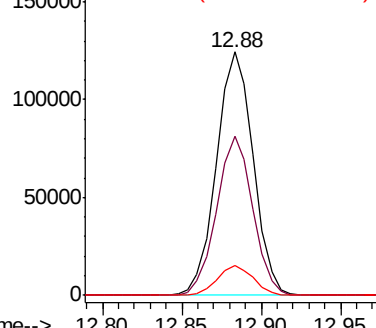
Tot Ion:	237	Resp:	200183
Ion Ratio		Lower	Upper
237	100		
235	65.4	42.5	82.5
272	12.1	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 129.654 ng

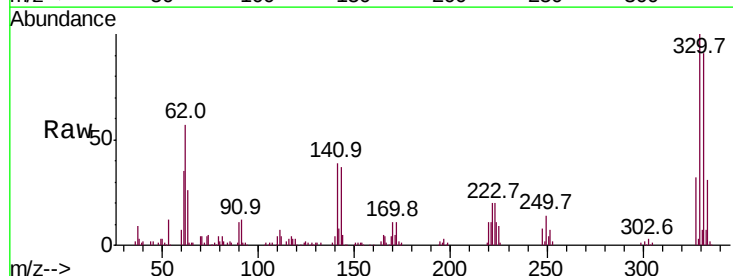
RT: 16.21 min Scan# 2200

Delta R.T. 0.00 min

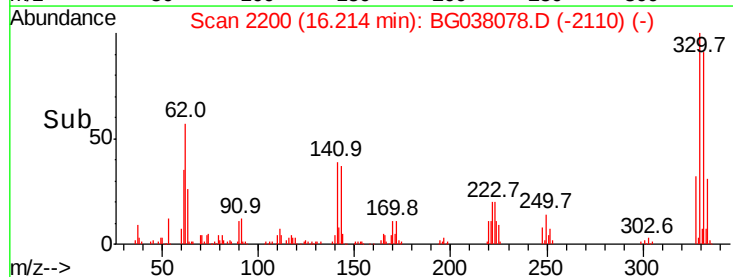
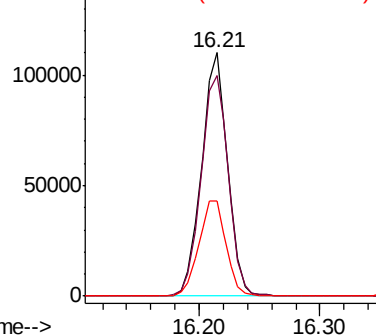
Lab File: BG038078.D

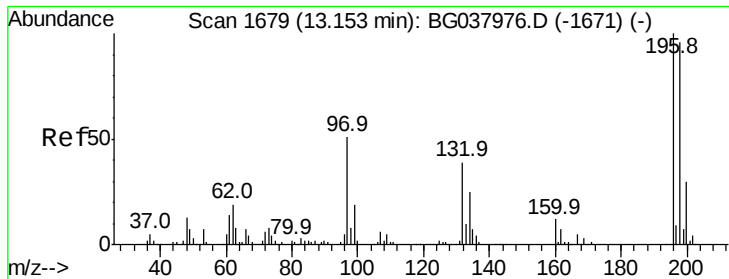
Acq: 20 Nov 2018 1:54

Tgt Ion:	330	Resp:	164894
Ion Ratio		Lower	Upper
330	100		
332	94.9	78.4	117.6
141	41.0	32.2	48.2



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





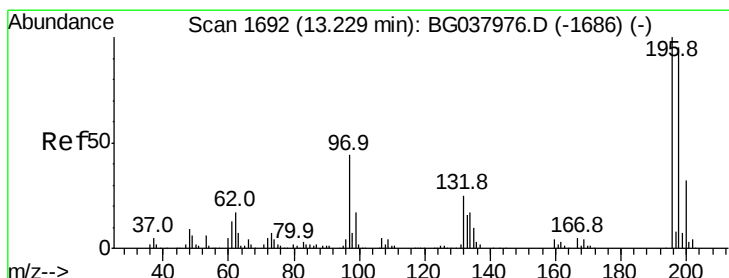
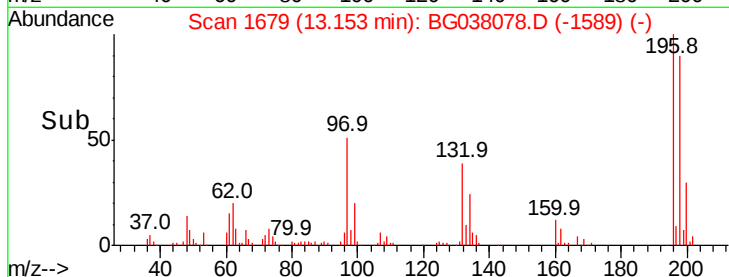
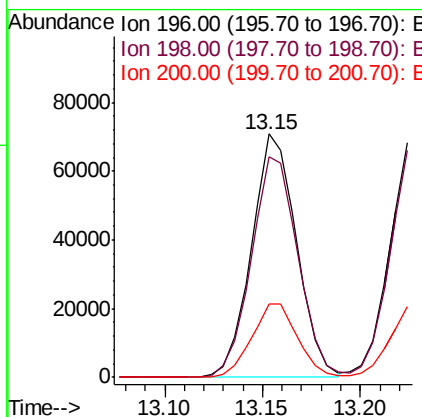
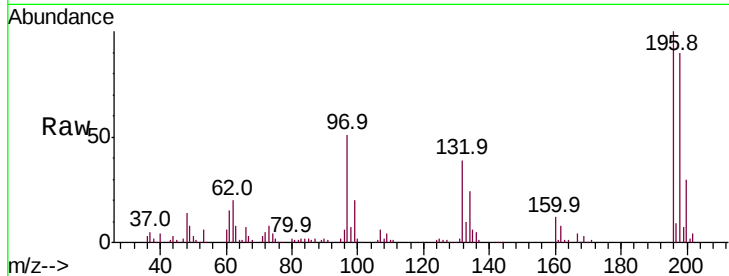
#43
 2,4,6-Trichlorophenol
 Concen: 44.414 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114916BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	112777		
198	90.3	76.4	114.6	
200	30.1	24.9	37.3	

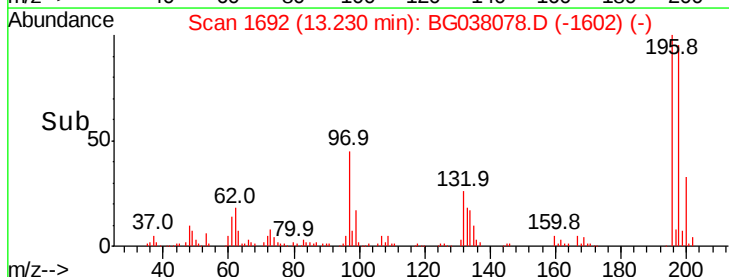
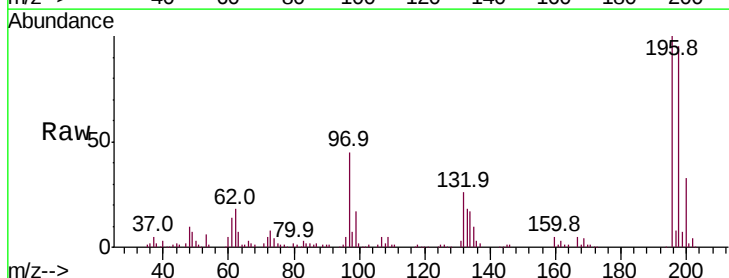
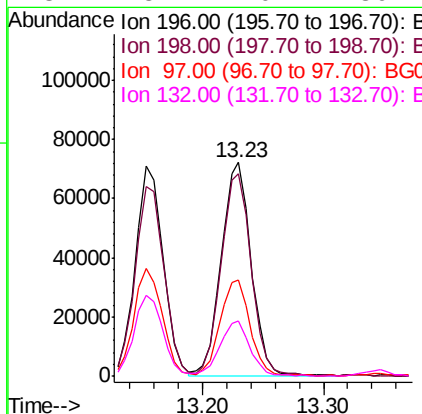
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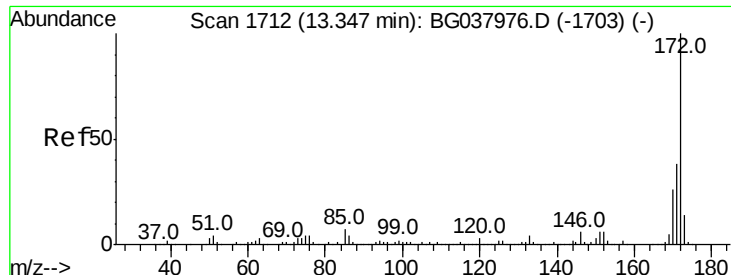
Sohil
 11/20/2018 9:41:50 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.083 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	123124		
198	95.0	74.2	111.2	
97	45.1	34.1	51.1	
132	25.7	20.2	30.4	





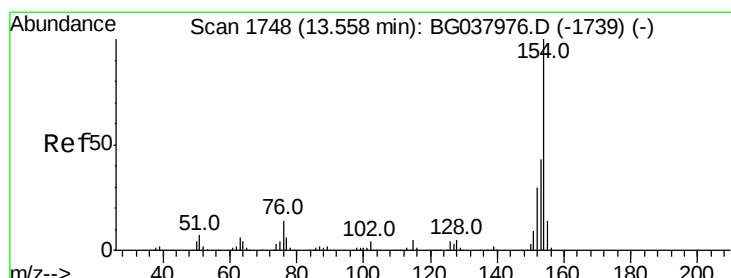
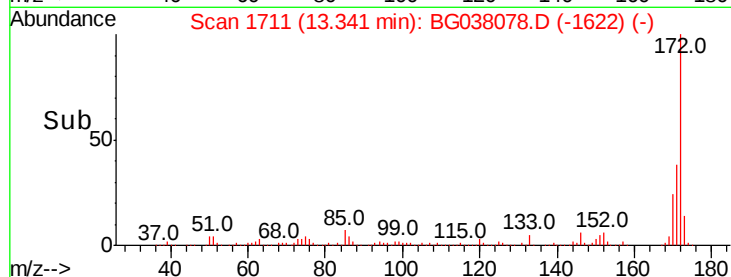
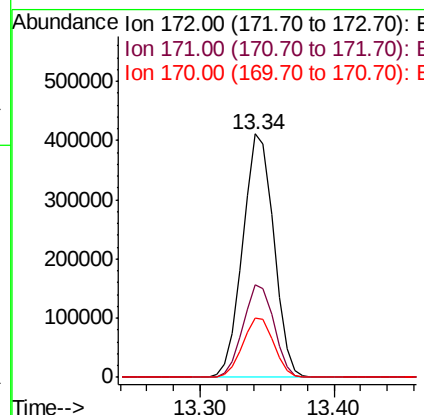
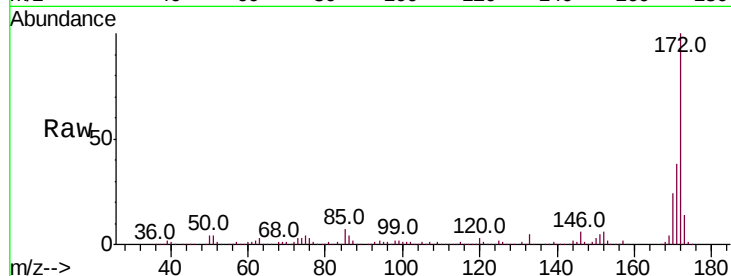
#45
2-Fluorobiphenyl
Concen: 86.127 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	659263		
171	37.8		31.0	46.4
170	24.4		20.2	30.2

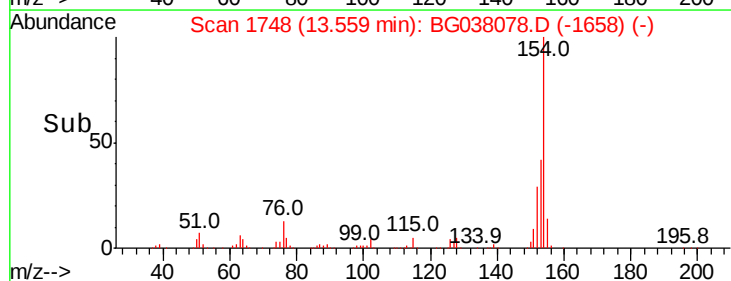
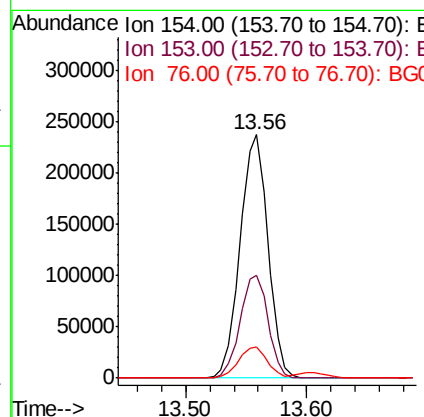
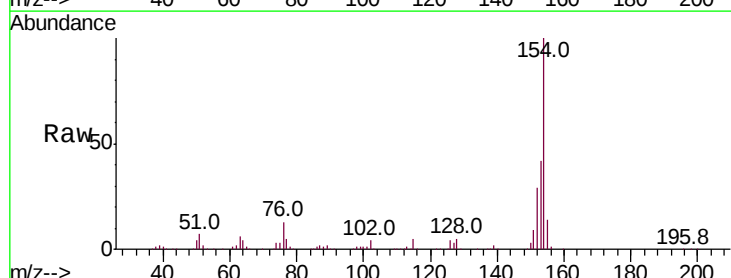
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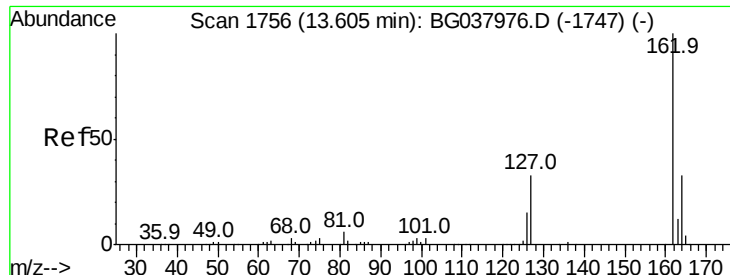
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#46
1,1'-Biphenyl
Concen: 40.739 ng
RT: 13.56 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	381663		
153	42.2		22.1	62.1
76	12.6		0.0	33.2





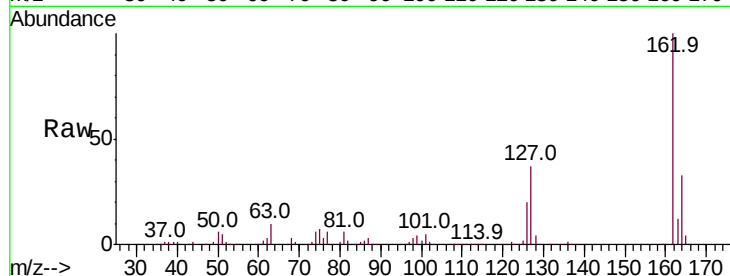
#47
 2-Chloronaphthalene
 Concen: 42.445 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114916BS

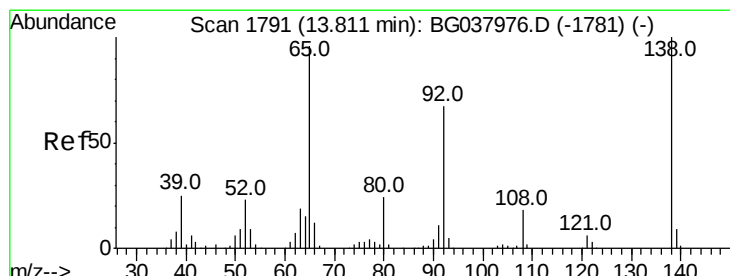
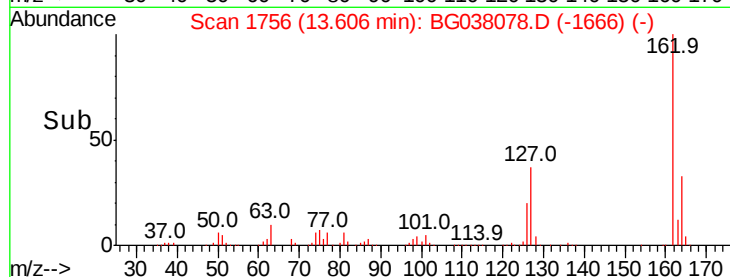
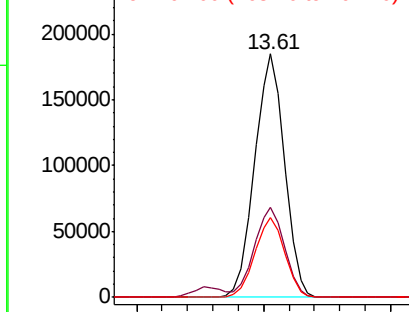
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.5	45.7
164	32.7	26.4	39.6

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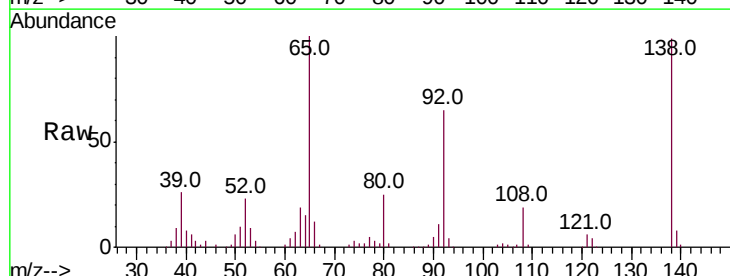


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

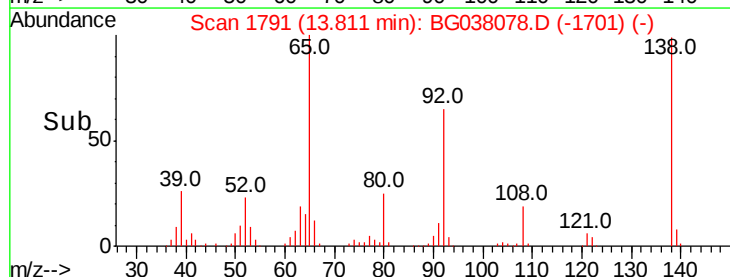
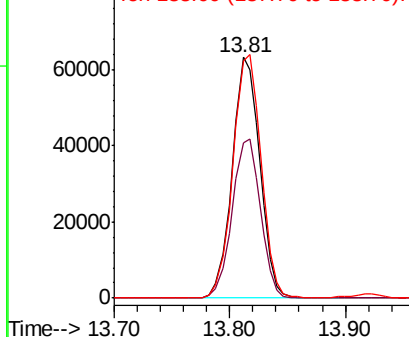


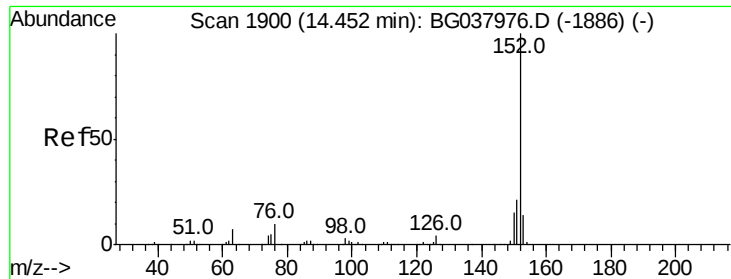
#48
 2-Nitroaniline
 Concen: 46.459 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.2	79.8
138	98.8	79.3	118.9



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





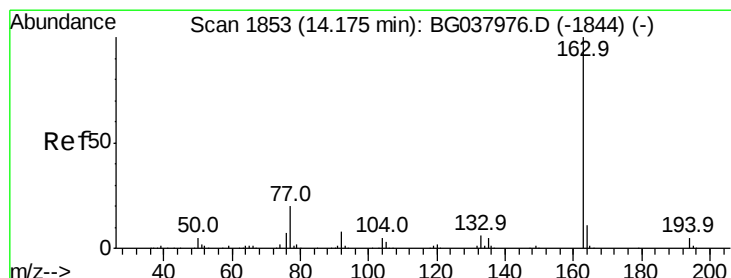
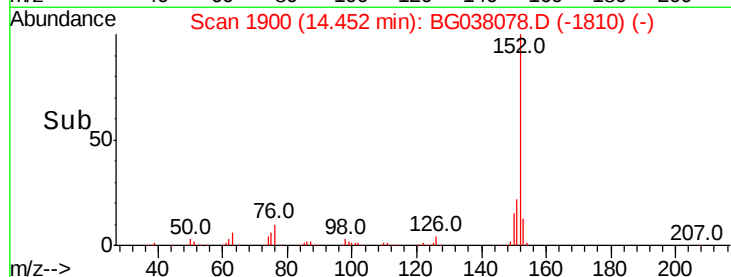
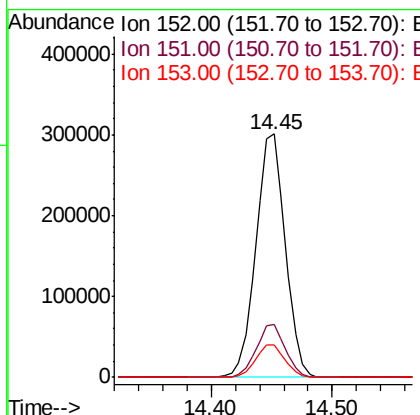
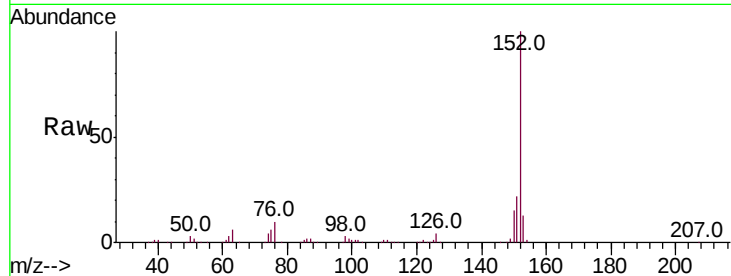
#49
Acenaphthylene
Concen: 47.223 ng
RT: 14.45 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.1	25.7
153	13.2	11.1	16.7

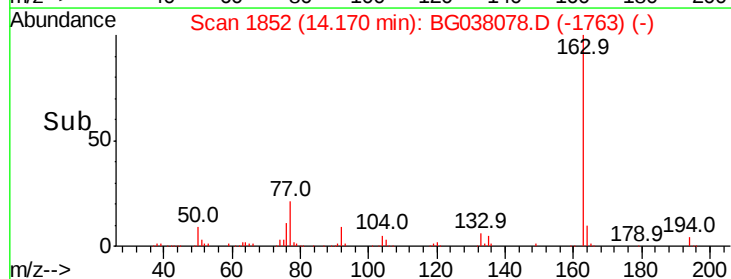
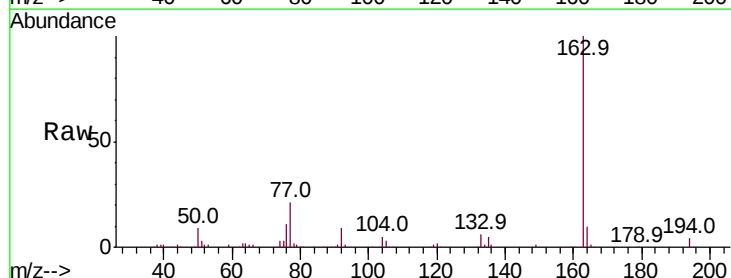
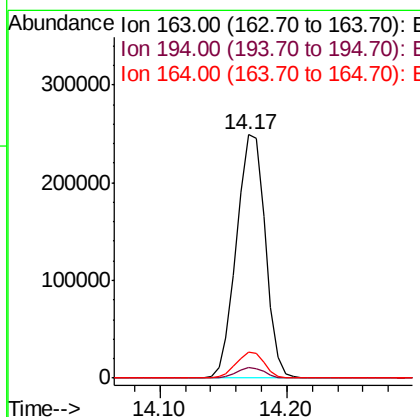
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#50
Dimethylphthalate
Concen: 44.320 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.4	8.5	12.7





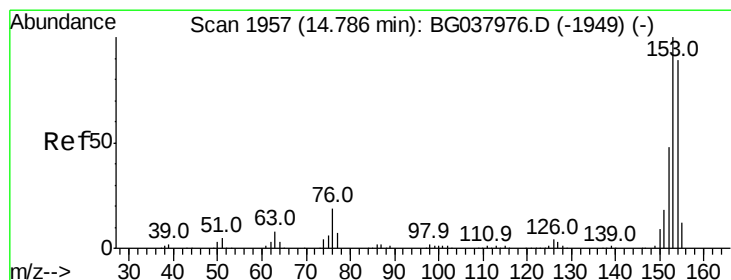
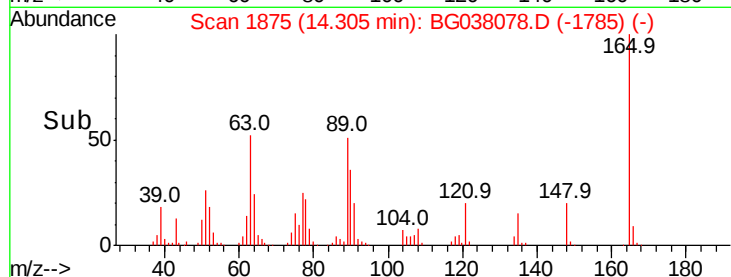
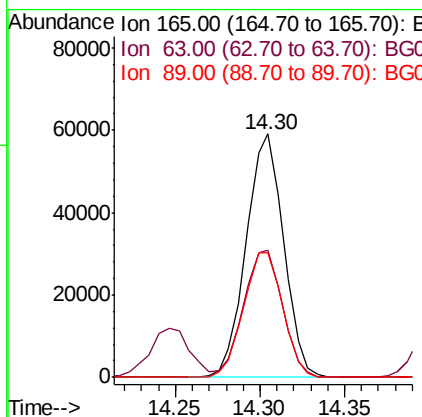
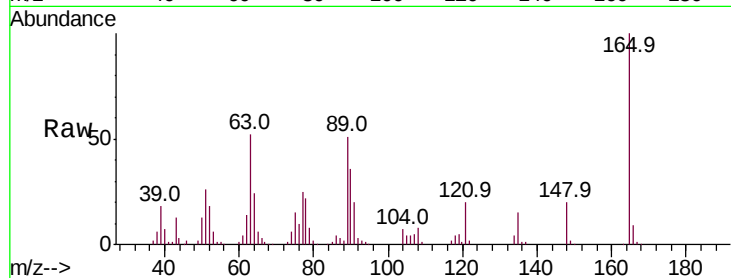
#51
2,6-Dinitrotoluene
Concen: 45.526 ng
RT: 14.30 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.5	43.4	65.2	
89	51.0	45.8	68.6	

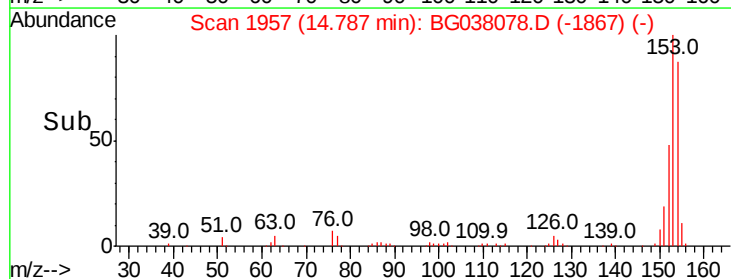
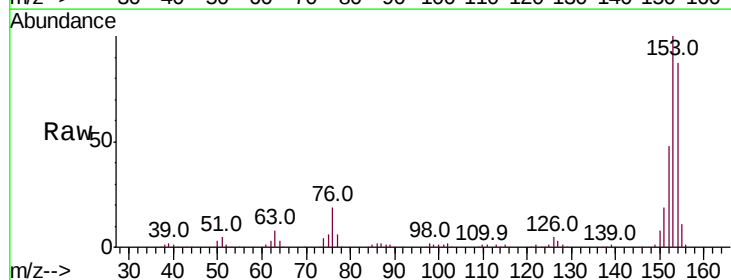
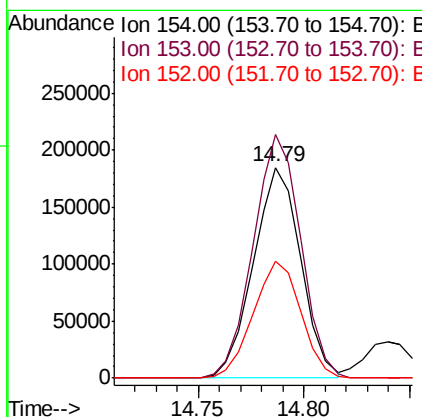
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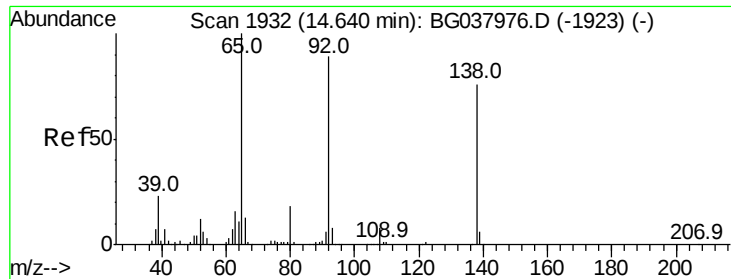
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#52
Acenaphthene
Concen: 44.467 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.5	93.4	140.0	
152	55.7	44.7	67.1	





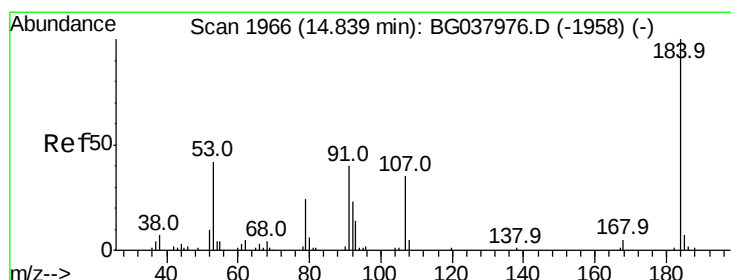
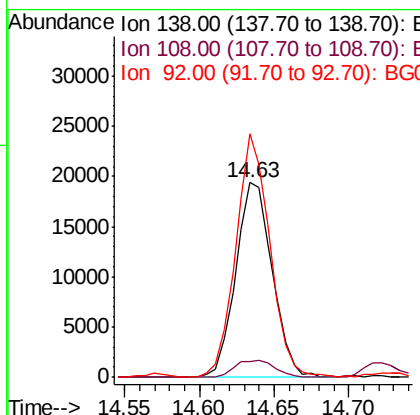
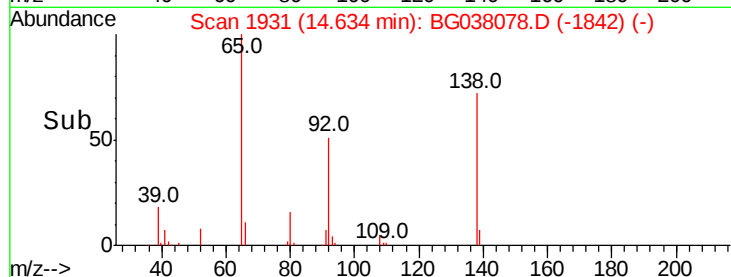
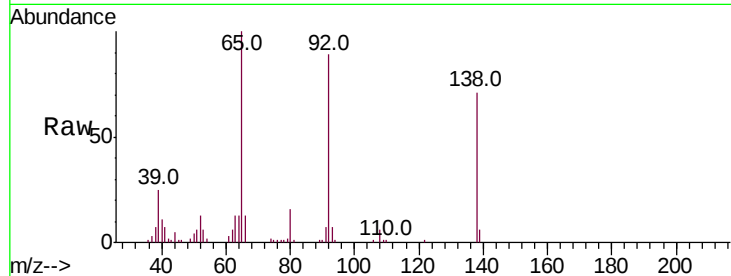
#53
3-Nitroaniline
Concen: 14.920 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion:138 Resp: 32942
Ion Ratio Lower Upper
138 100
108 8.4 11.0 16.6#
92 125.1 95.2 142.8

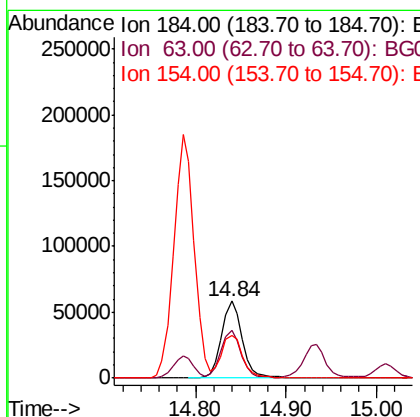
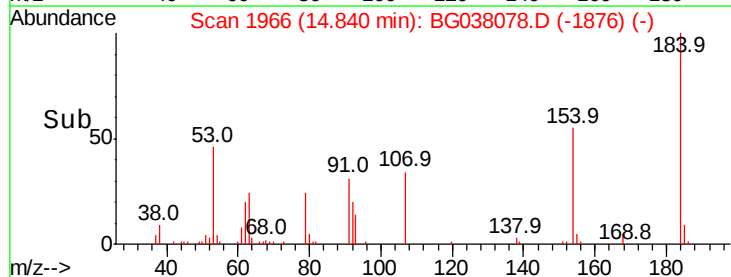
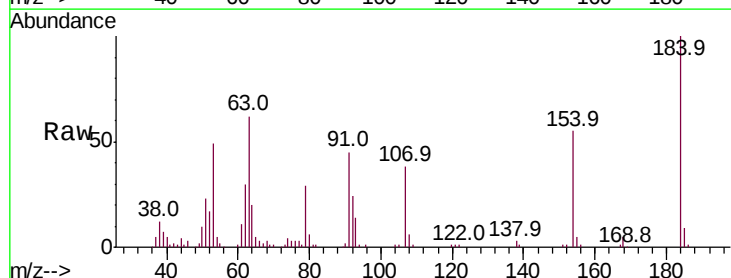
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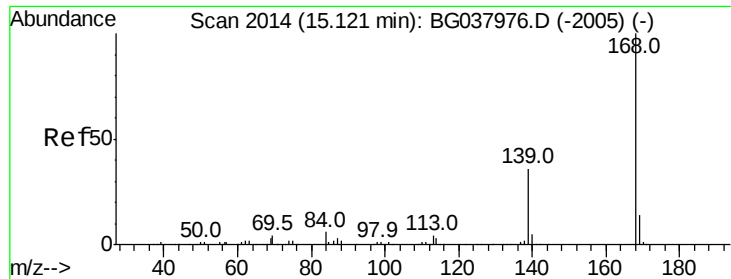
Sohil
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#54
2,4-Dinitrophenol
Concen: 85.338 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion:184 Resp: 92912
Ion Ratio Lower Upper
184 100
63 61.5 42.6 63.8
154 54.9 41.8 62.6





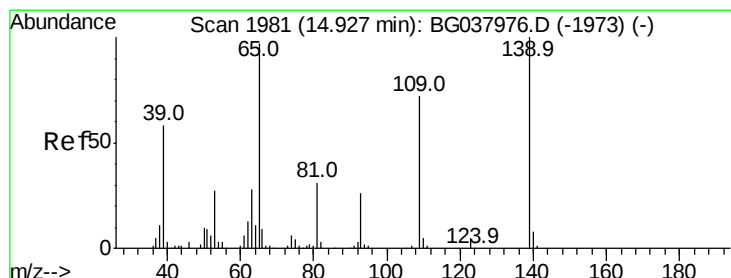
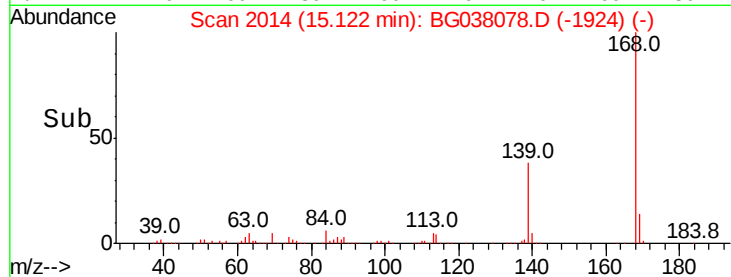
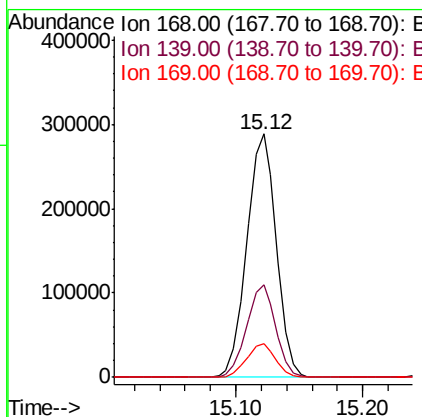
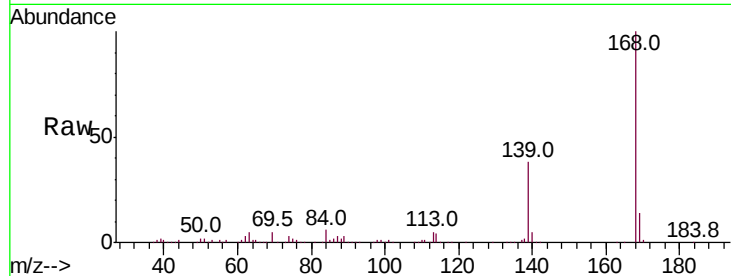
#55
Dibenzofuran
Concen: 43.506 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.4	44.0
169	13.8	11.0	16.6

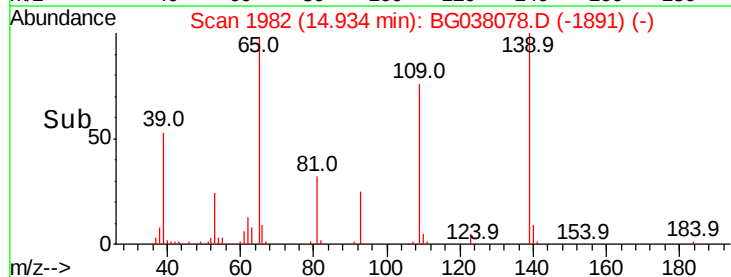
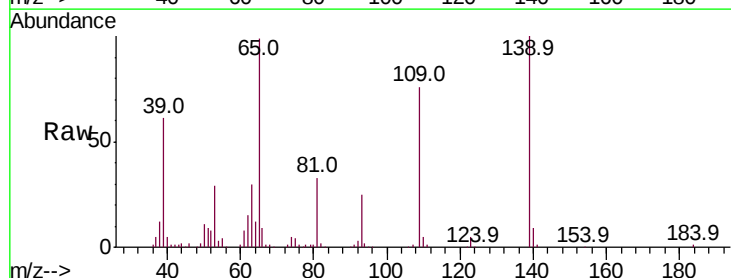
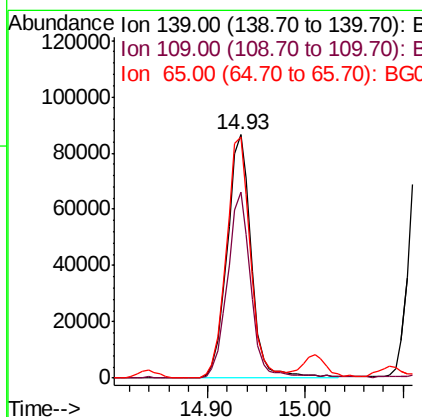
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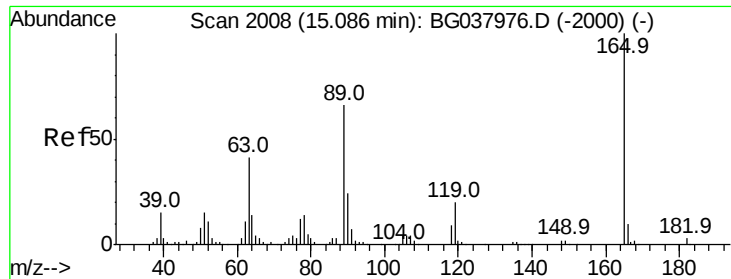
Sohil
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#56
4-Nitrophenol
Concen: 87.129 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.2	49.5	89.5
65	99.1	76.8	116.8





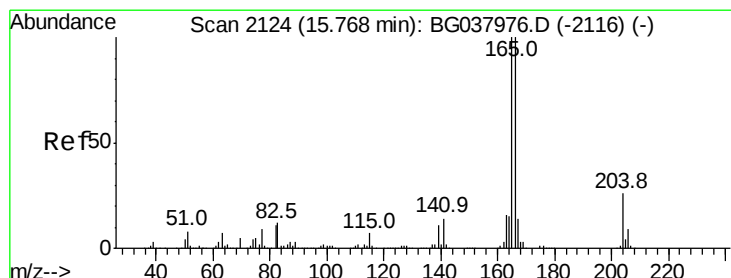
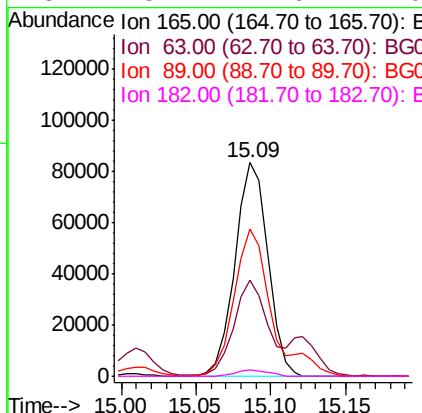
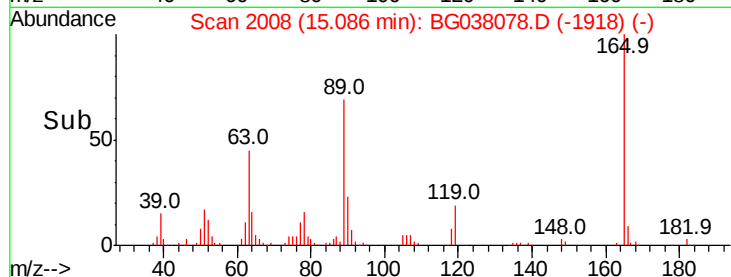
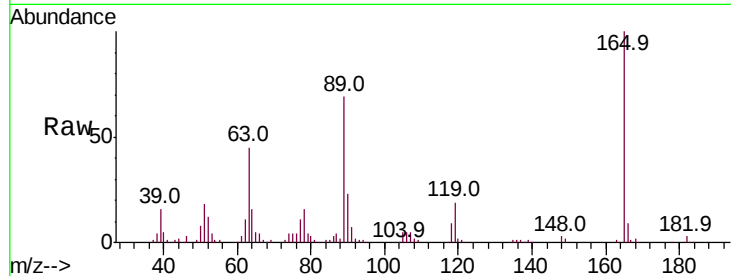
#57
2,4-Dinitrotoluene
Concen: 46.908 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	127701		
63	44.7	33.4	50.0	
89	68.8	57.2	85.8	
182	3.2	2.6	4.0	

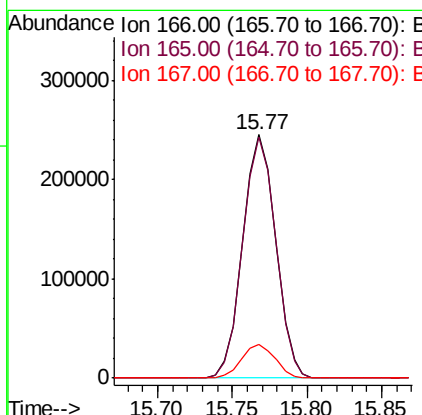
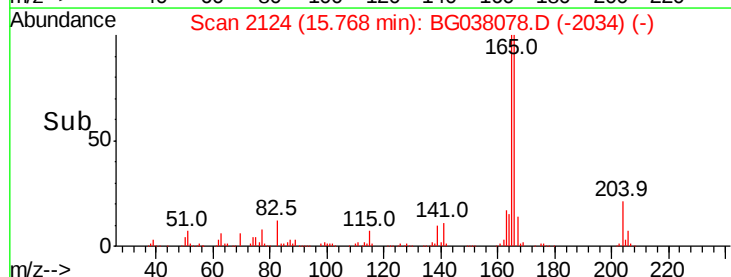
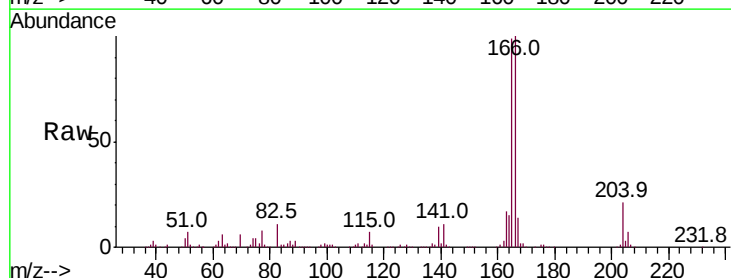
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#58
Fluorene
Concen: 47.075 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	375886		
165	99.2	79.0	118.6	
167	14.0	11.3	16.9	





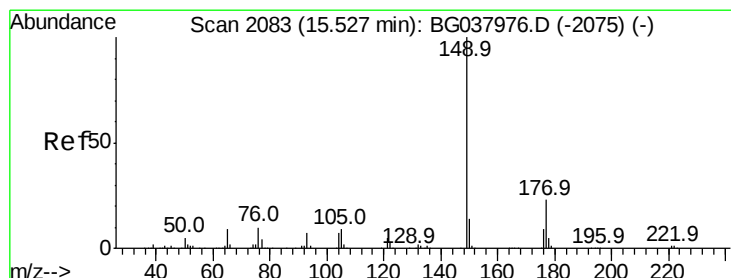
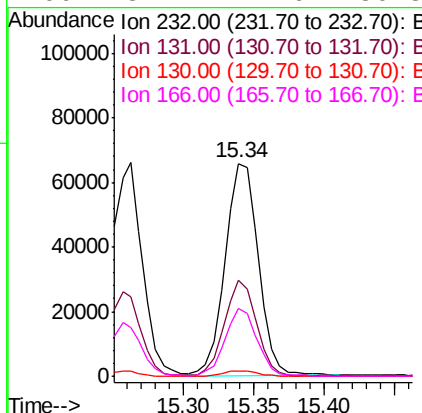
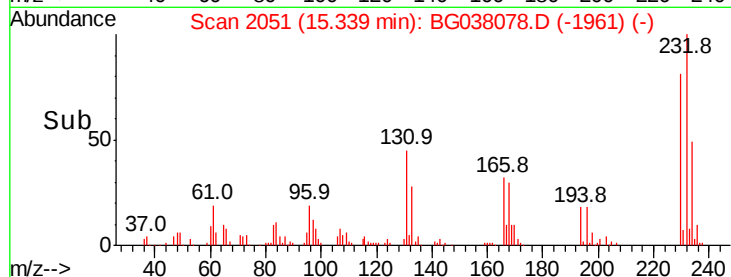
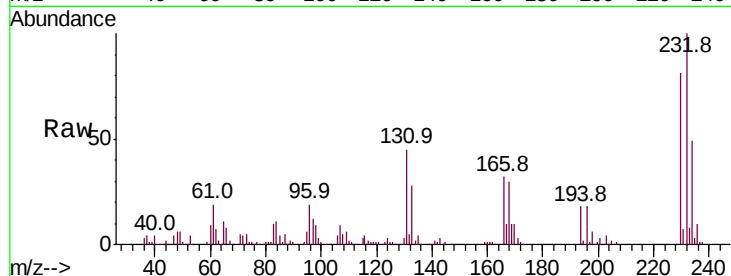
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.859 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114916BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	33.7	50.5
130	2.5	2.1	3.1
166	31.1	24.6	36.8

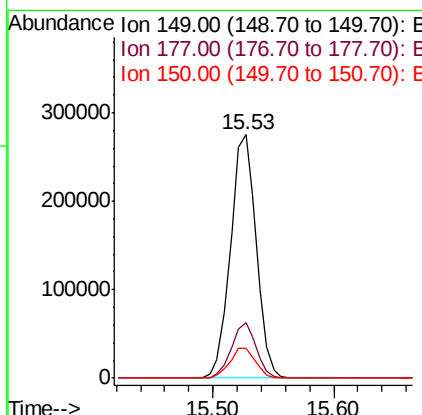
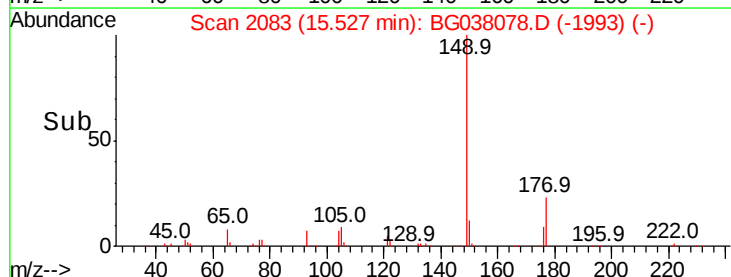
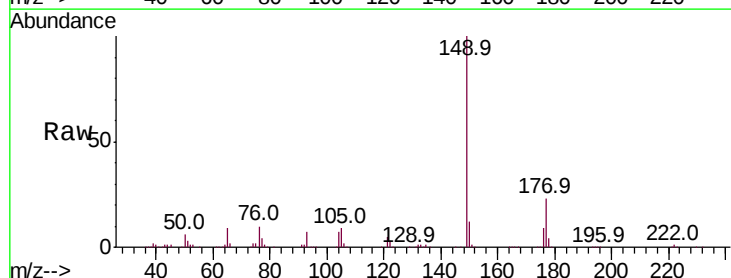
Manual Integrations
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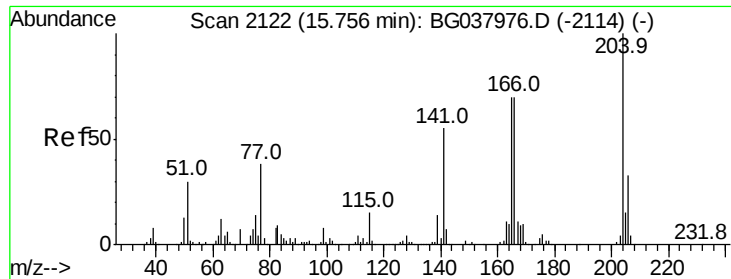
Sohil
 11/20/2018 9:41:50 AM



#60
 Diethylphthalate
 Concen: 43.335 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.4	10.0	15.0





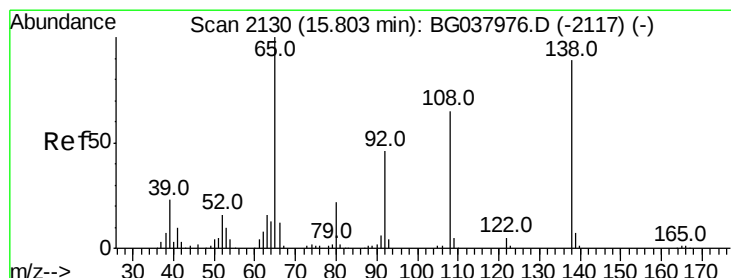
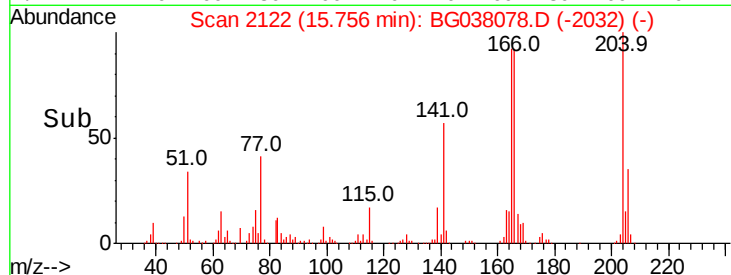
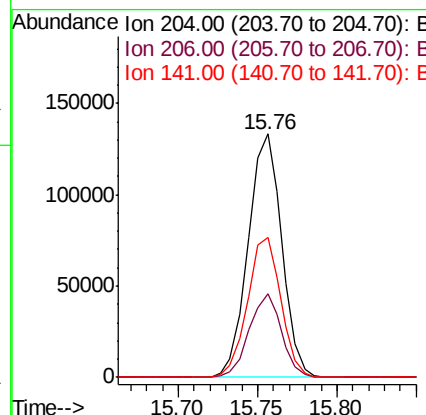
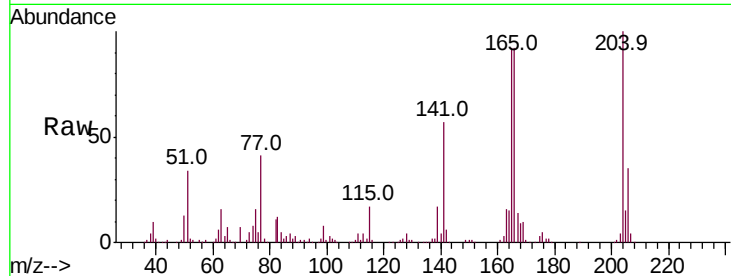
#61
4-Chlorophenyl-phenylether
Concen: 41.818 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	34.6	26.6	39.8
141	57.3	45.4	68.2

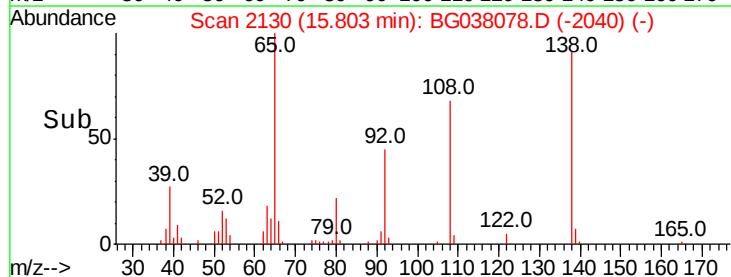
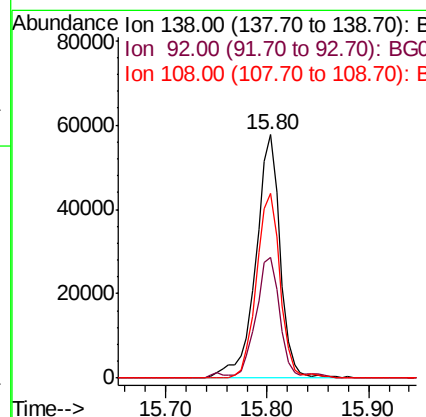
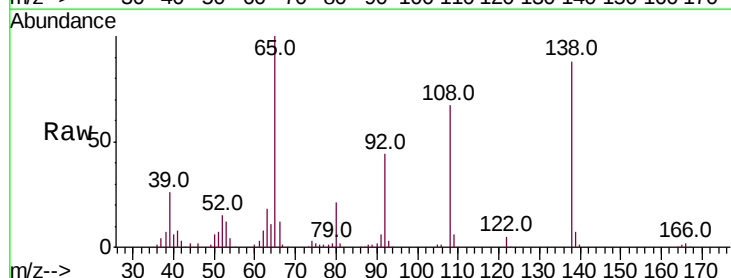
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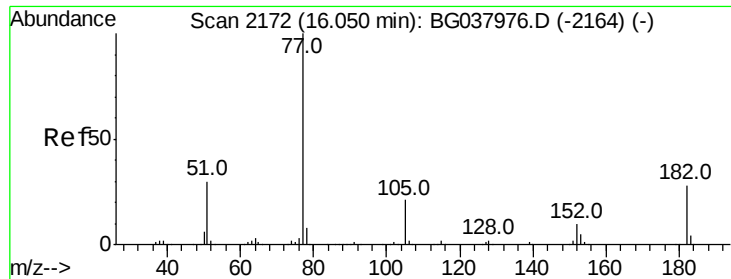
Sohil
11/20/2018 9:41:50 AM



#62
4-Nitroaniline
Concen: 43.827 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	49.7	36.4	76.4
108	75.8	60.1	100.1





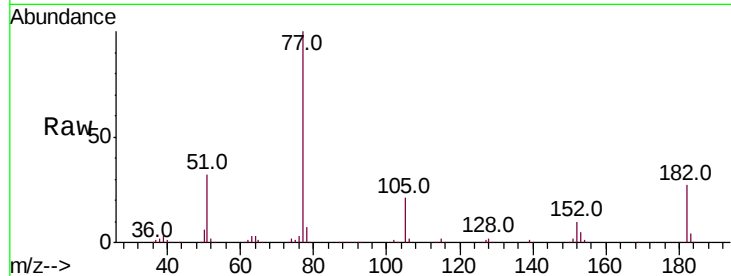
#63
Azobenzene
Concen: 44.998 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

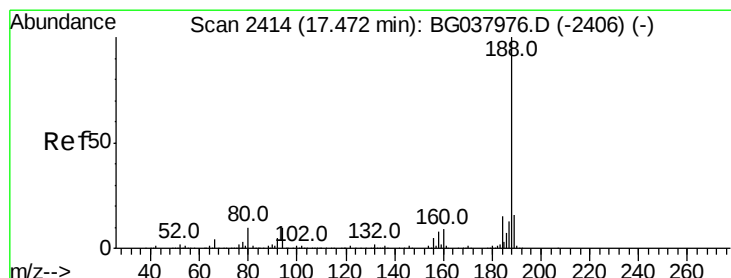
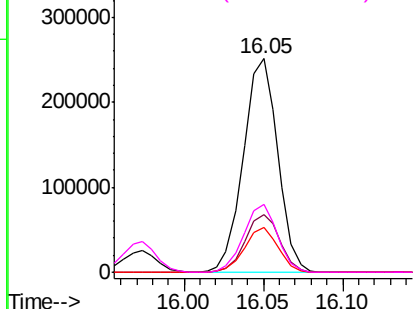
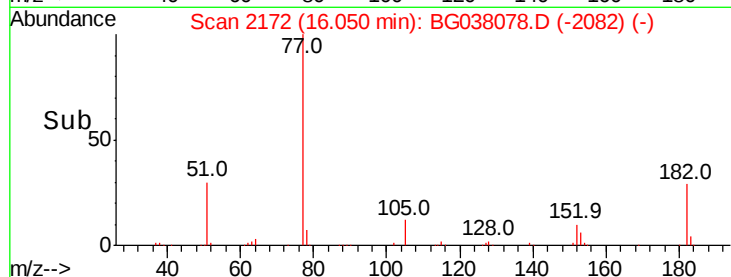
Tot Ion	Ratio	Resp	Lower	Upper
77	100	377793		
182	27.3	8.0	48.0	
105	21.1	1.3	41.3	
51	31.6	10.7	50.7	

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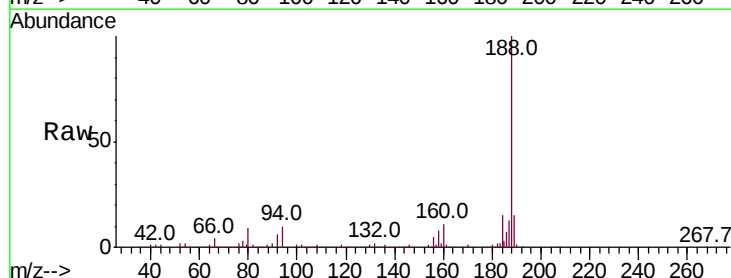


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

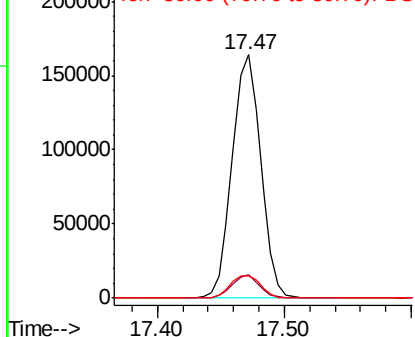
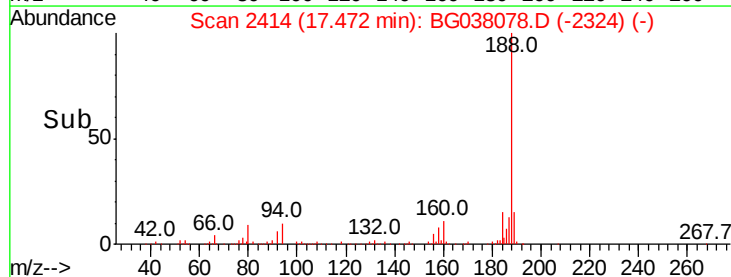


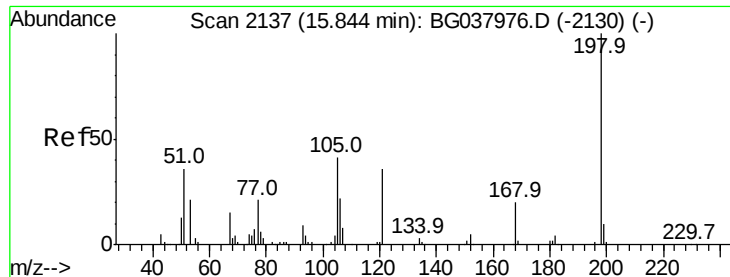
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	255867		
94	9.7	7.2	10.8	
80	9.1	7.7	11.5	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





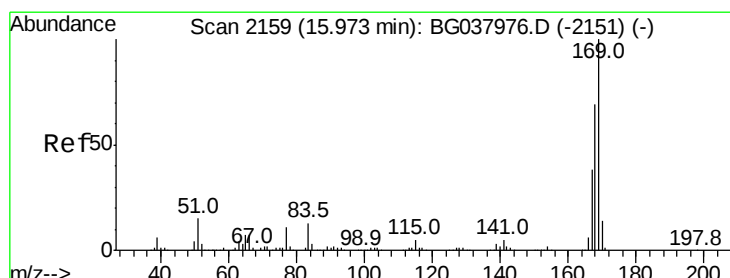
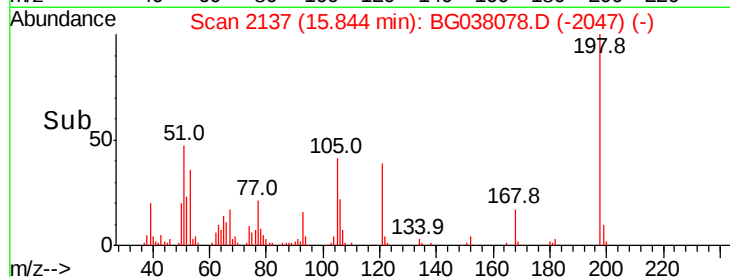
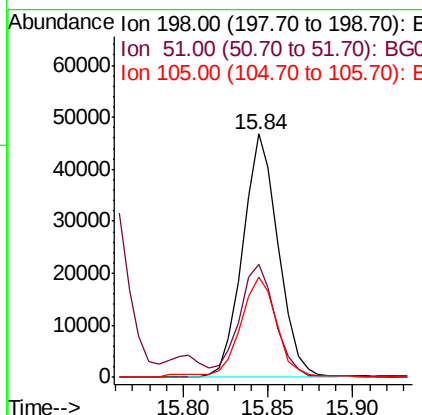
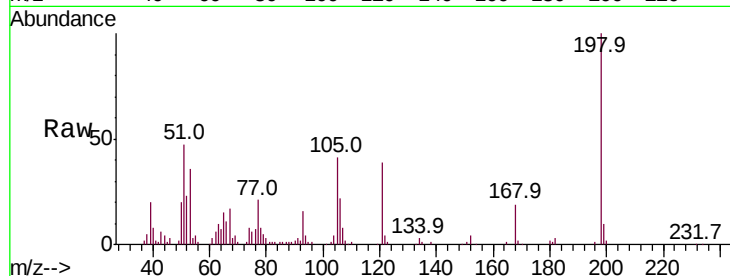
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.366 ng
 RT: 15.84 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114916BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	68563		
51	46.5	22.7	62.7	
105	41.1	19.7	59.7	

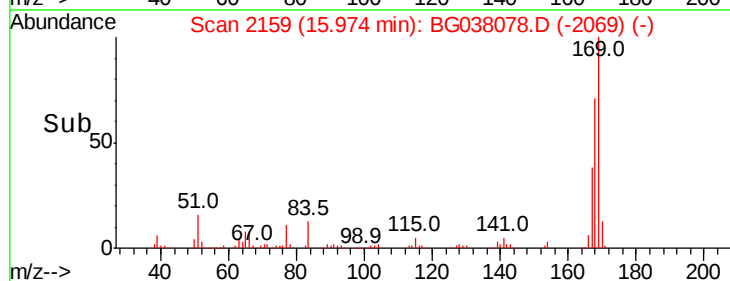
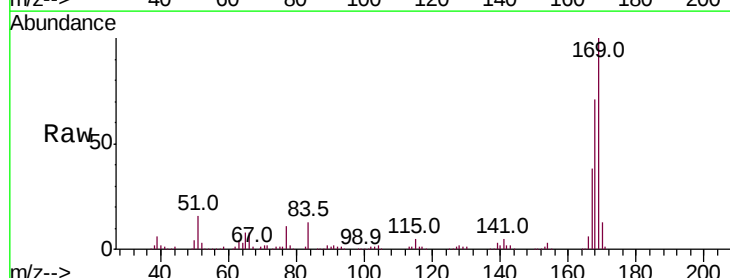
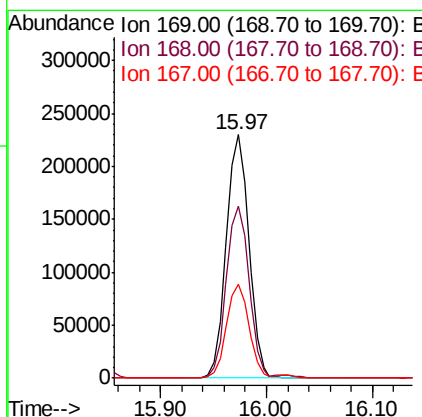
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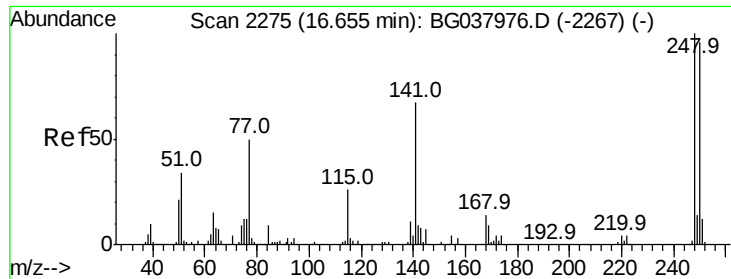
Sohil
 11/20/2018 9:41:50 AM



#66
 n-Nitrosodiphenylamine
 Concen: 44.080 ng
 RT: 15.97 min Scan# 2159
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	341209		
168	70.6	55.7	83.5	
167	38.5	31.3	46.9	





#67

4-Bromophenyl-phenylether

Concen: 43.443 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

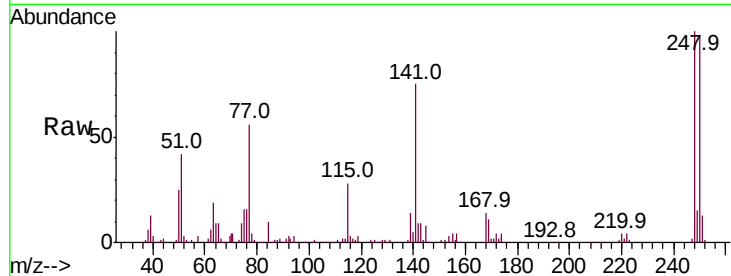
ClientSampled :

PB114916BS

Tot Ion:	248	Resp:	122004
Ion Ratio	Lower	Upper	
248	100		
250	98.4	77.0	115.6
141	75.1	55.5	83.3

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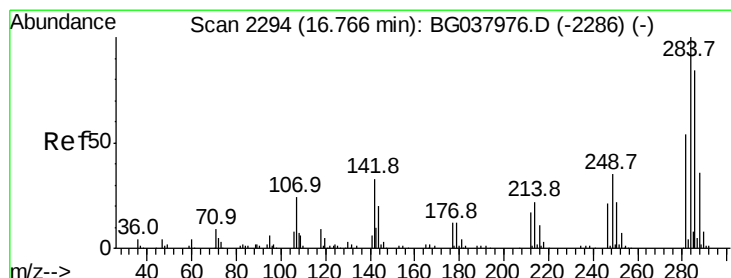
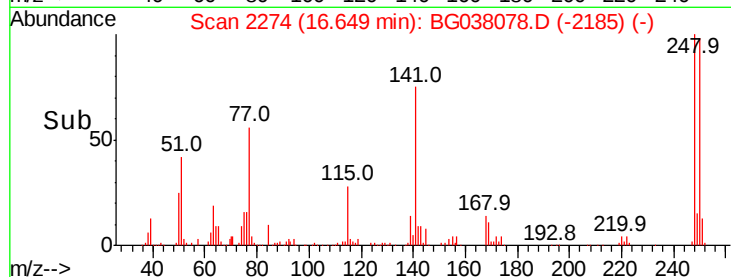
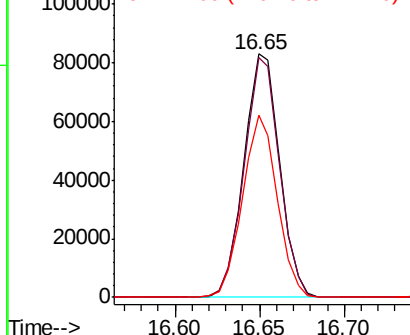


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.342 ng

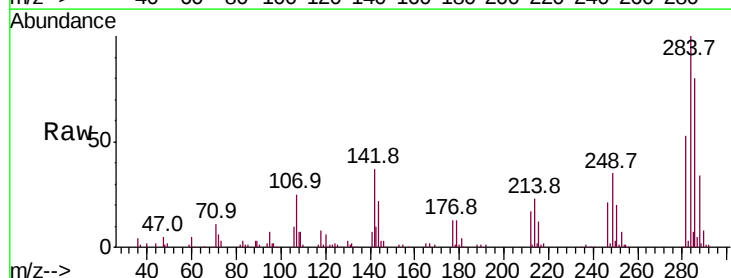
RT: 16.76 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Tgt Ion:	284	Resp:	125640
Ion Ratio	Lower	Upper	
284	100		
142	37.1	28.1	42.1
249	37.1	29.8	44.8

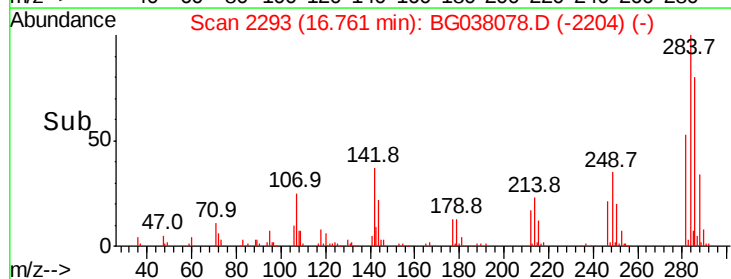
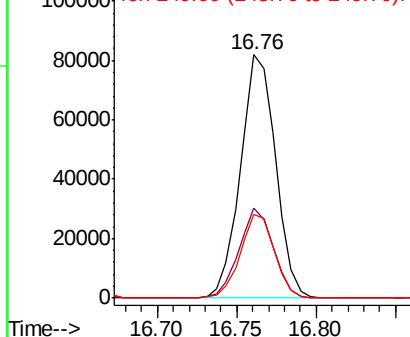


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





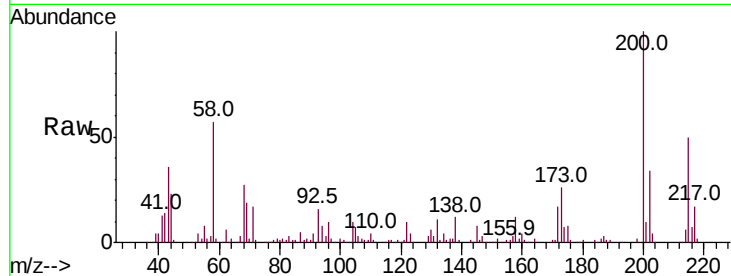
#69
Atrazine
Concen: 44.761 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.1	46.1
215	50.3	30.8	70.8

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11/20/2018 9:41:50 AM

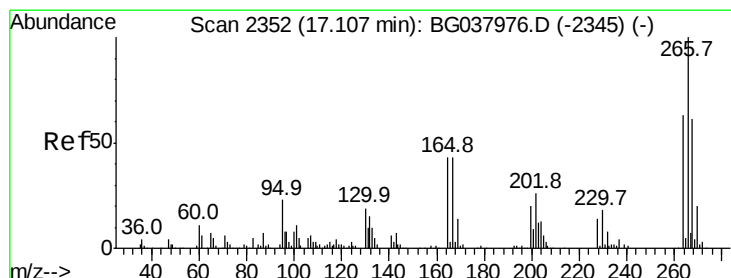
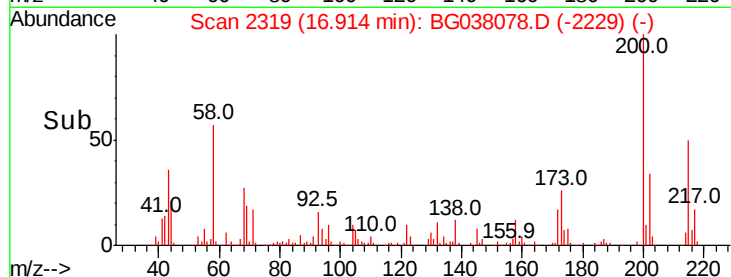
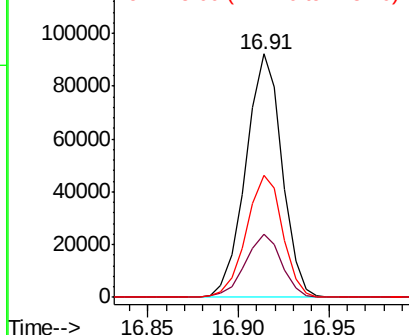


Abundance

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: 75.525 ng
RT: 17.11 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

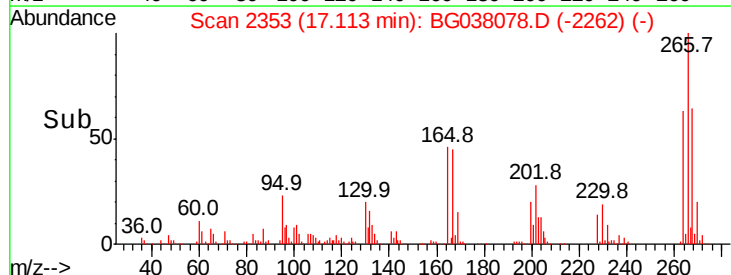
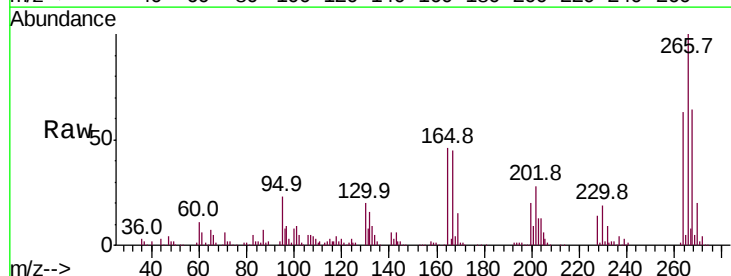
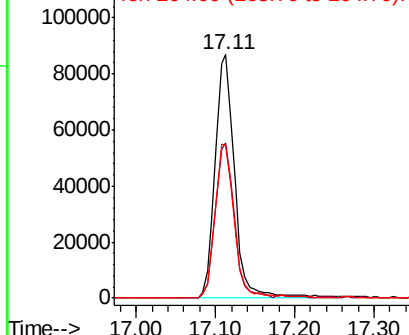
Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.8	55.0	82.6
264	67.6	58.9	88.3

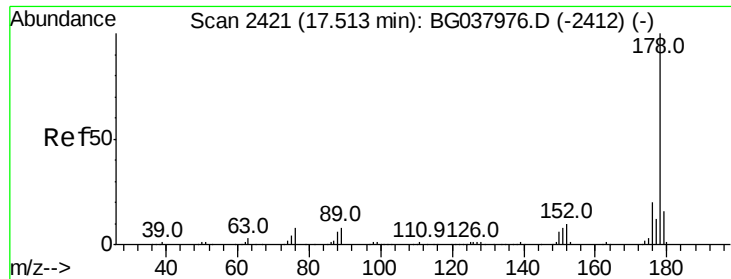
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





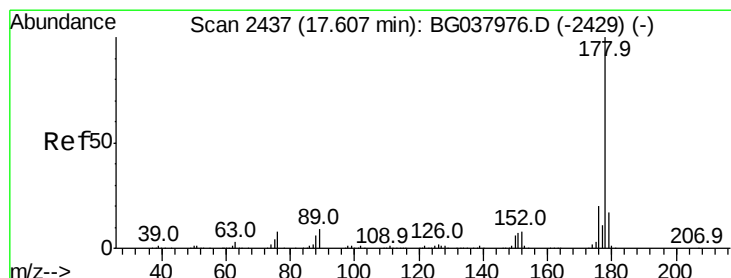
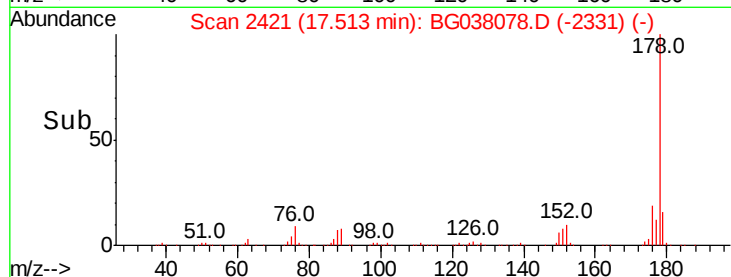
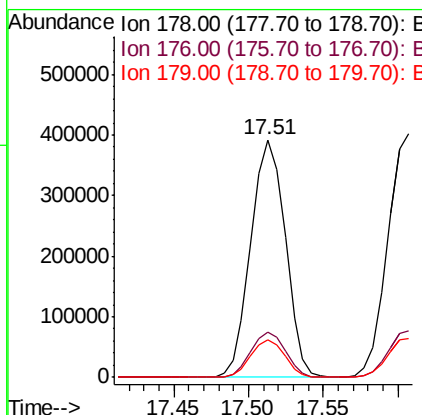
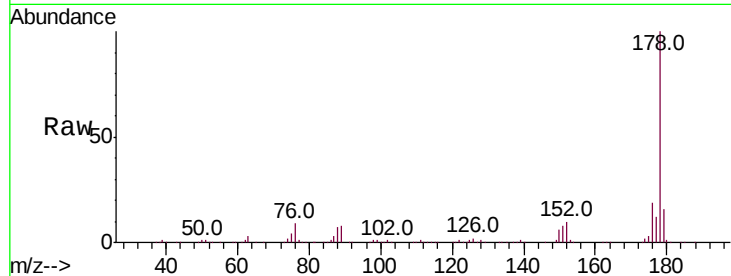
#71
Phenanthrene
Concen: 47.985 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.1	24.1
179	15.7	13.0	19.4

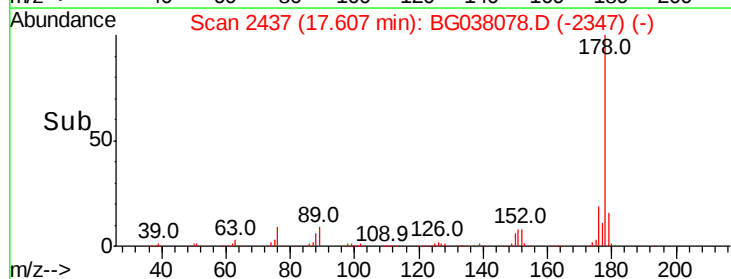
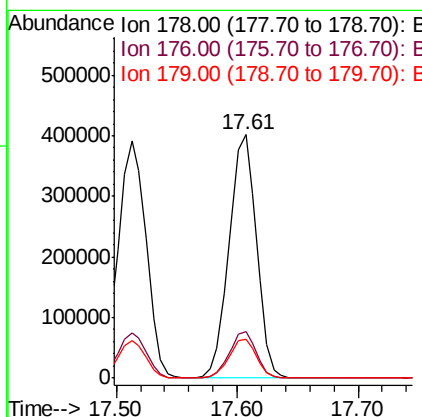
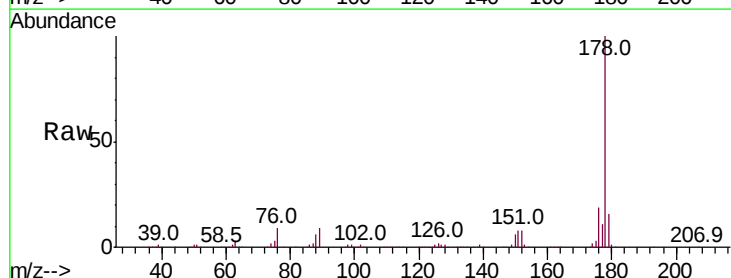
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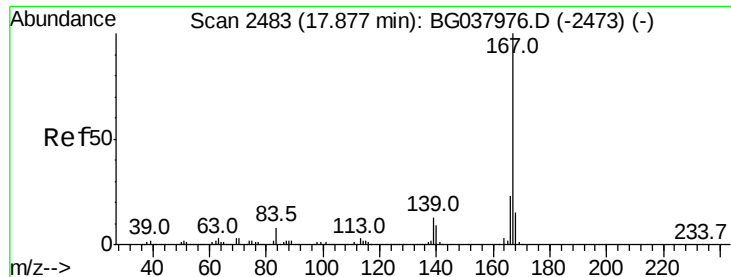
Sohil
11/20/2018 9:41:50 AM



#72
Anthracene
Concen: 49.152 ng
RT: 17.61 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.9	12.8	19.2





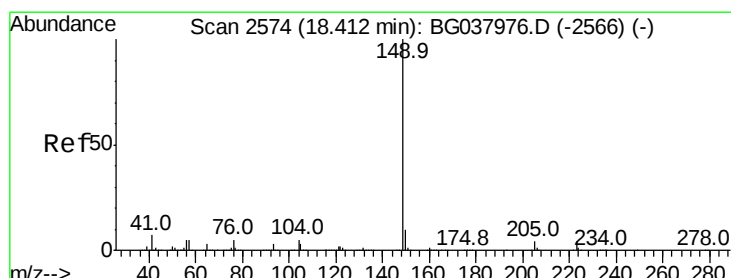
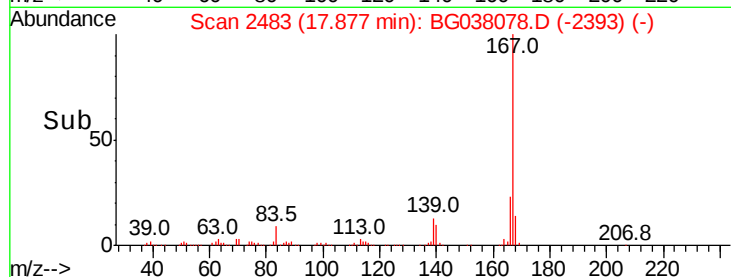
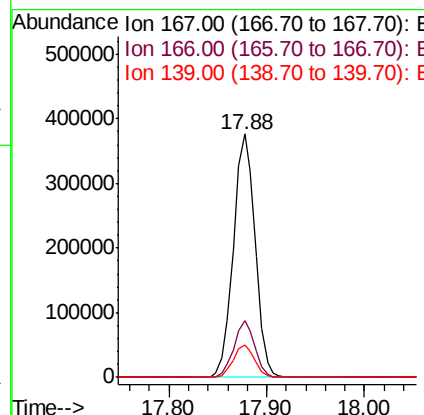
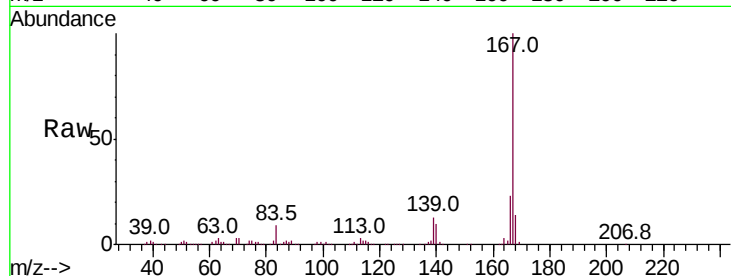
#73
 Carbazole
 Concen: 44.701 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114916BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	13.1	10.5	15.7

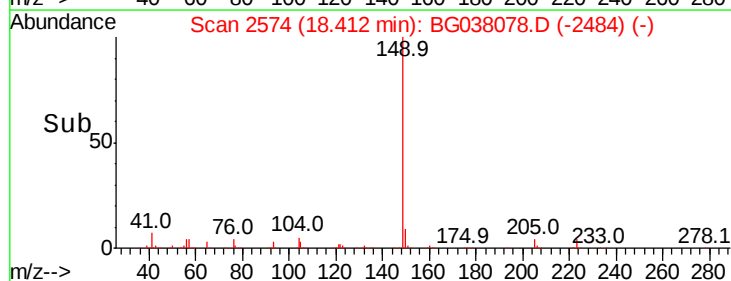
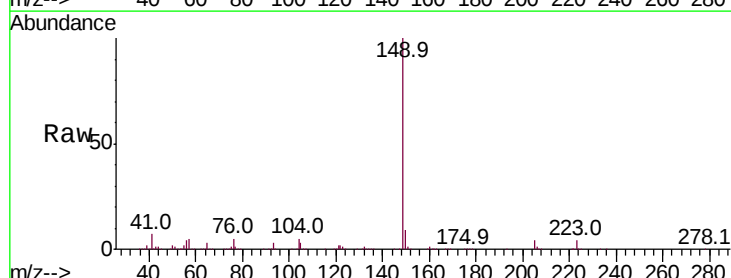
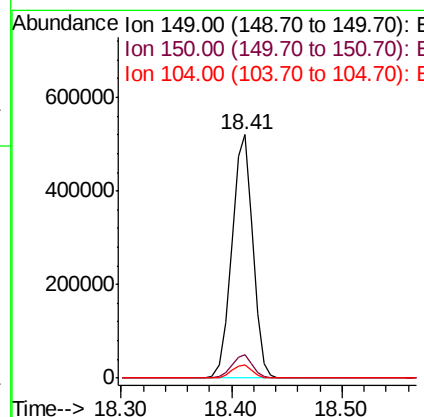
Manual Integrations
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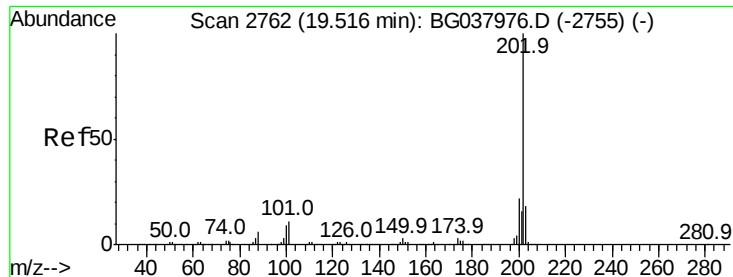
Sohil
 11/20/2018 9:41:50 AM



#74
 Di-n-butylphthalate
 Concen: 47.450 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 49.294 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

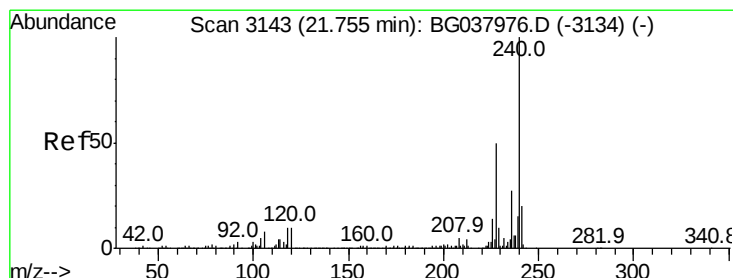
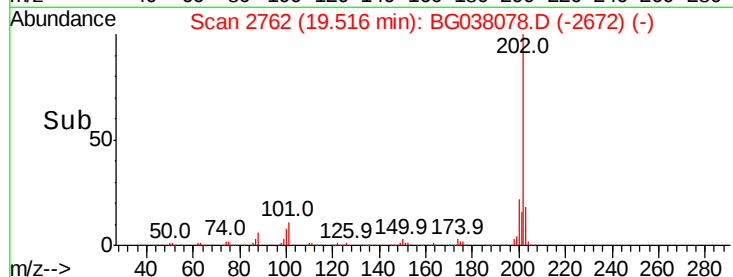
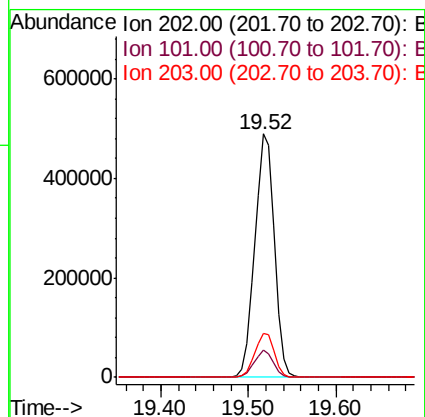
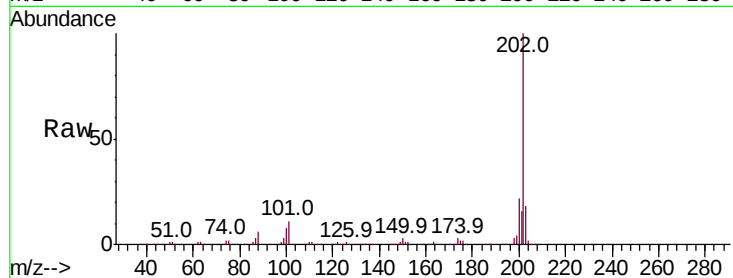
ClientSampleId :

PB114916BS

Tot Ion:	202	Resp:	736763
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.7
203	18.3	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

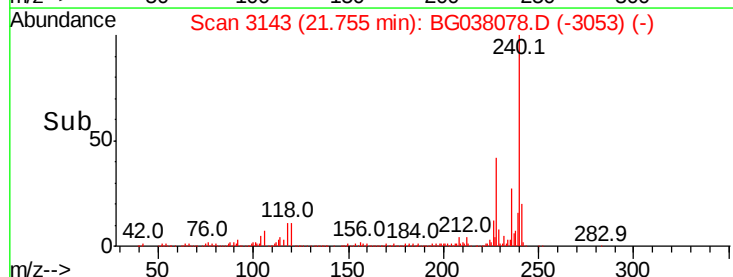
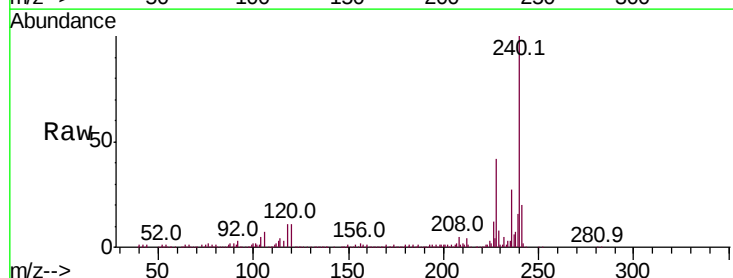
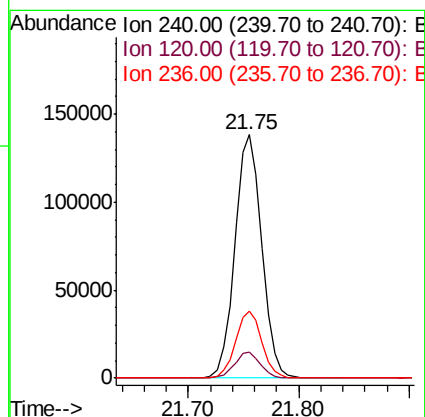
RT: 21.75 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Tgt Ion:	240	Resp:	235623
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.1	12.1
236	27.3	21.4	32.0





#77

Benzidine

Concen: 22.348 ng

RT: 19.70 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

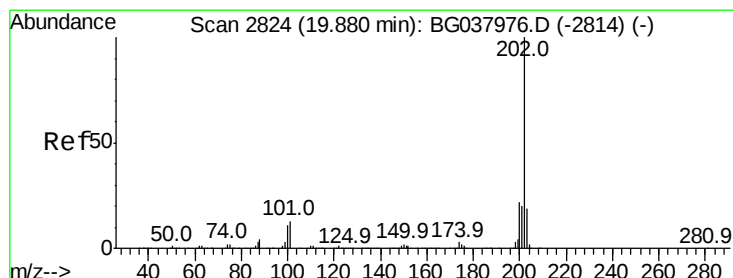
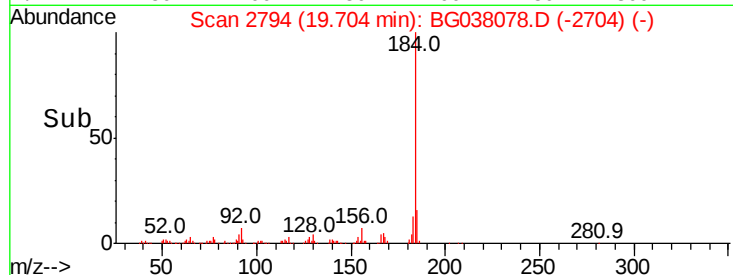
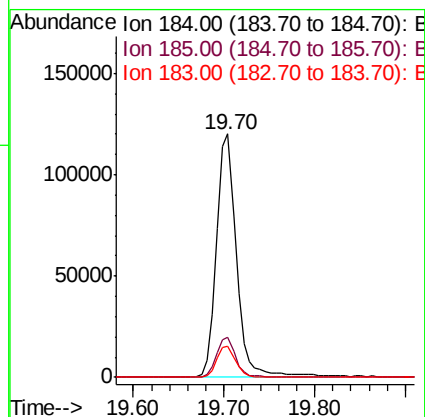
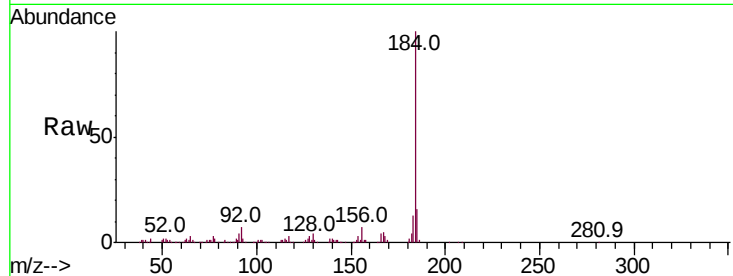
ClientSampleId :

PB114916BS

Tot Ion:	184	Resp:	184770
Ion Ratio	Lower	Upper	
184	100		
185	16.4	12.6	18.8
183	12.9	10.2	15.2

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#78

Pyrene

Concen: 48.360 ng

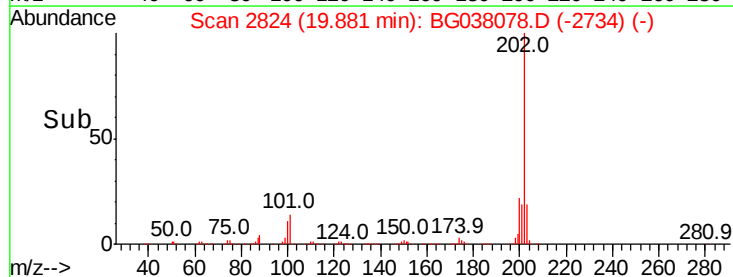
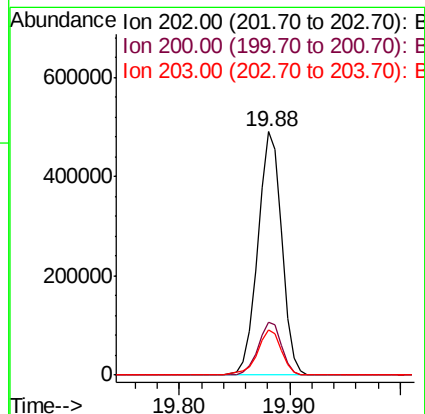
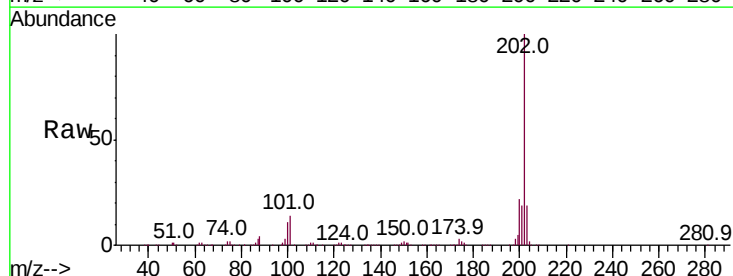
RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Tgt Ion:	202	Resp:	744991
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	18.7	15.2	22.8





#79

Terphenyl-d14

Concen: 98.313 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

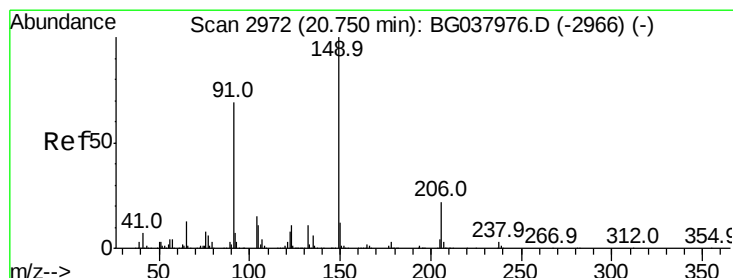
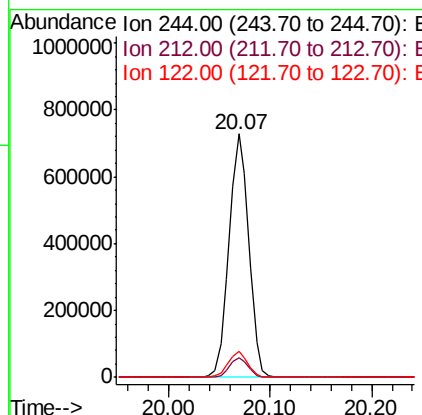
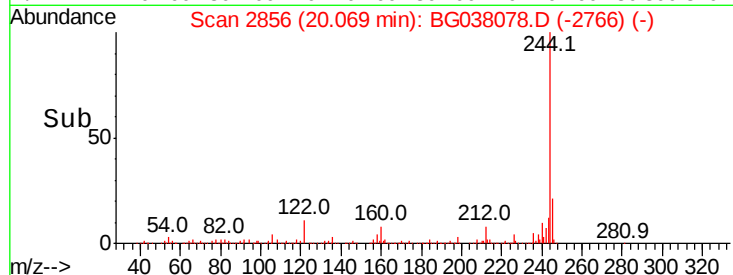
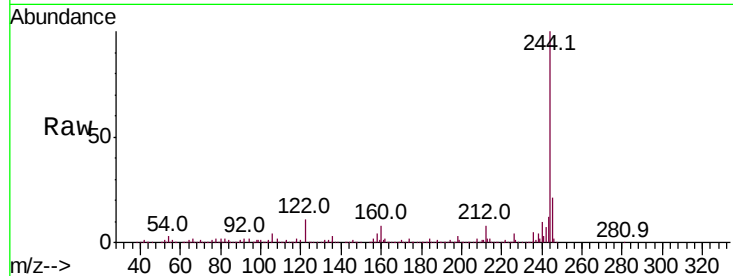
ClientSampleId :

PB114916BS

Tot Ion:	244	Resp:	984474
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.5	9.7
122	10.9	9.0	13.4

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 47.954 ng

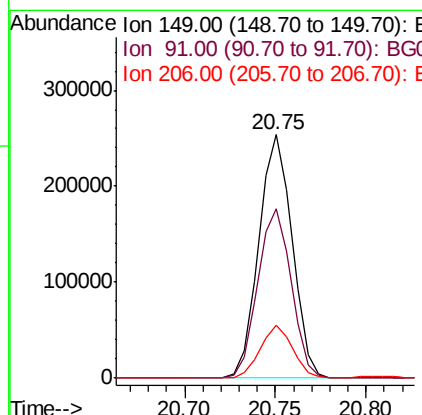
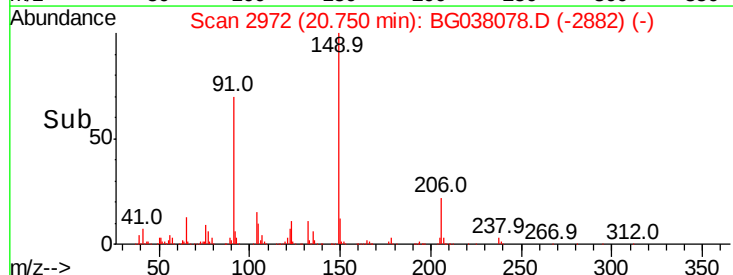
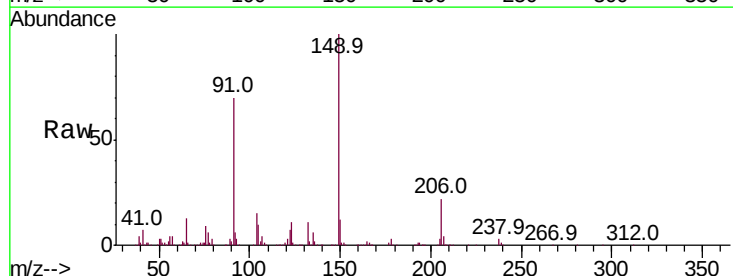
RT: 20.75 min Scan# 2972

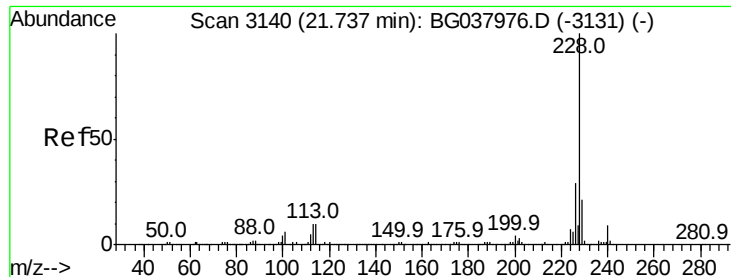
Delta R.T. 0.00 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Tgt Ion:	149	Resp:	323063
Ion Ratio	Lower	Upper	
149	100		
91	69.6	57.0	85.4
206	21.6	17.8	26.6





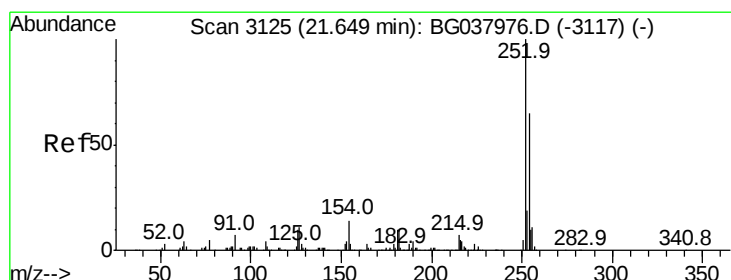
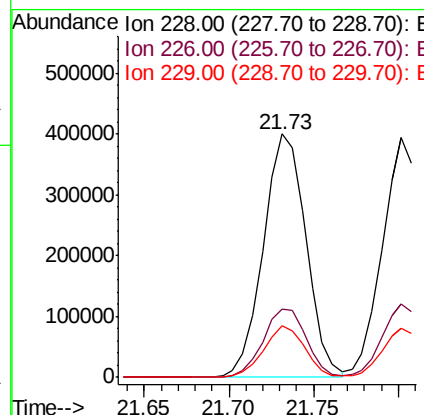
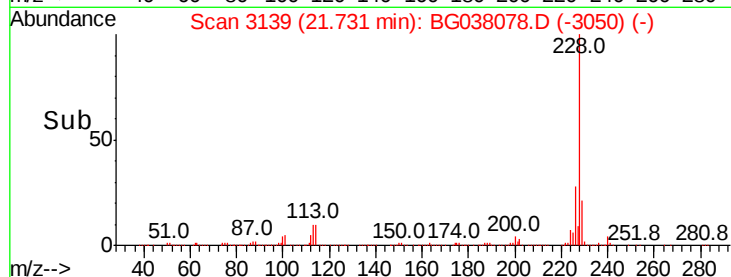
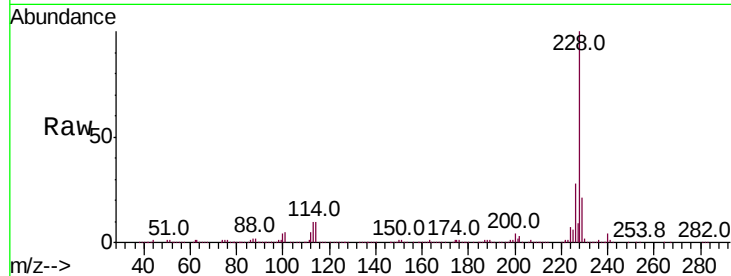
#81
Benzo(a)anthracene
Concen: 48.900 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.1	16.3	24.5

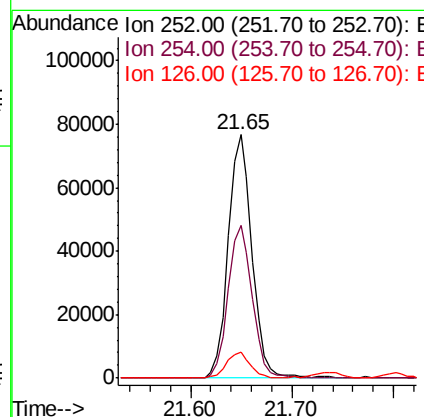
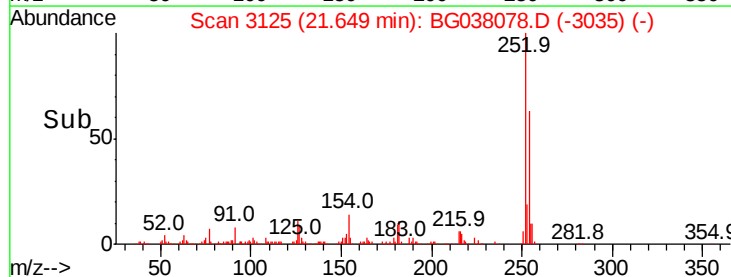
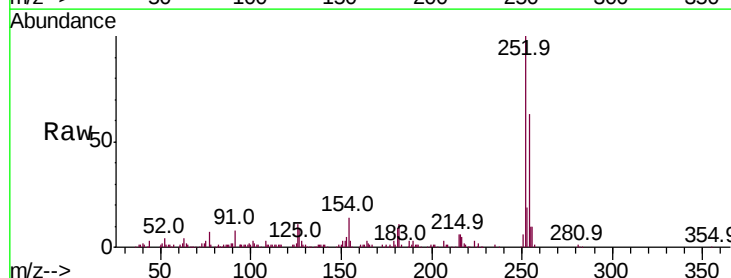
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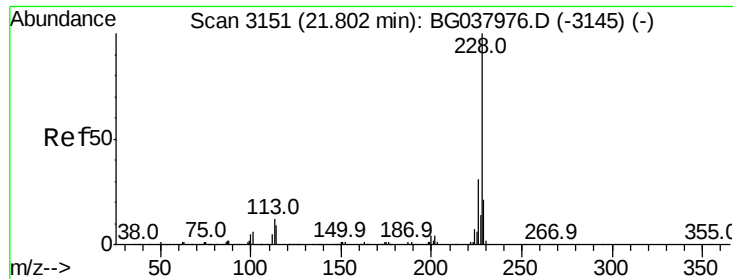
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#82
3,3'-Dichlorobenzidine
Concen: 22.427 ng
RT: 21.65 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.0	78.0
126	10.7	8.2	12.4





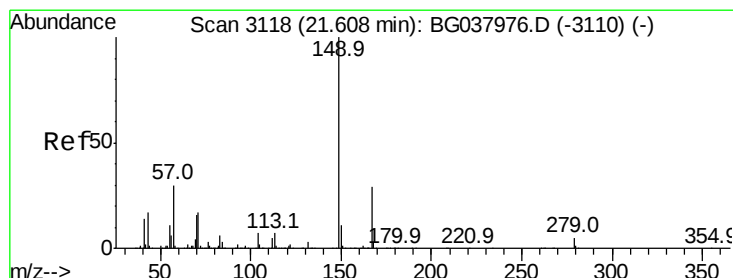
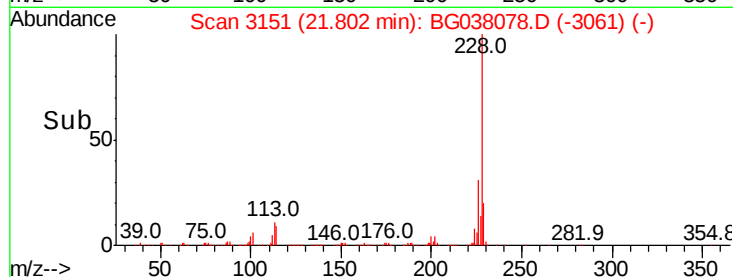
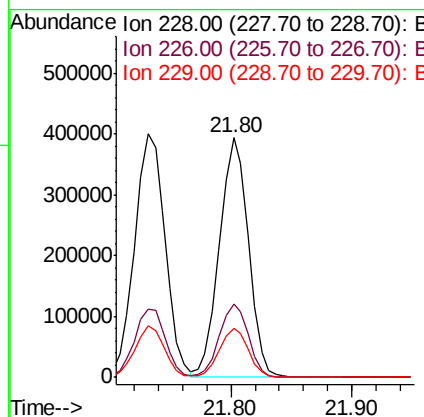
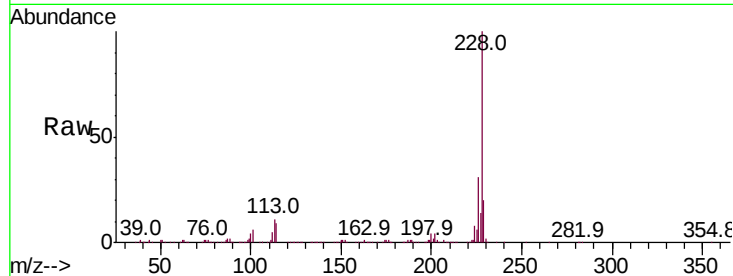
#83
 Chrysene
 Concen: 47.860 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114916BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	20.5	16.5	24.7

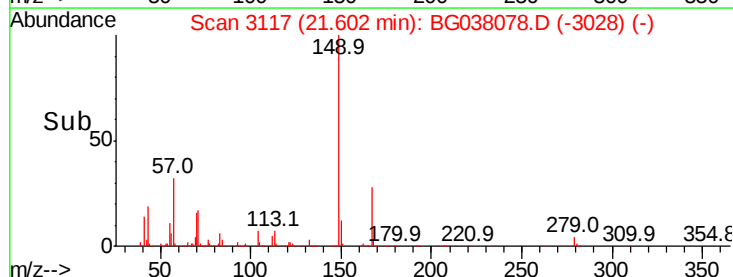
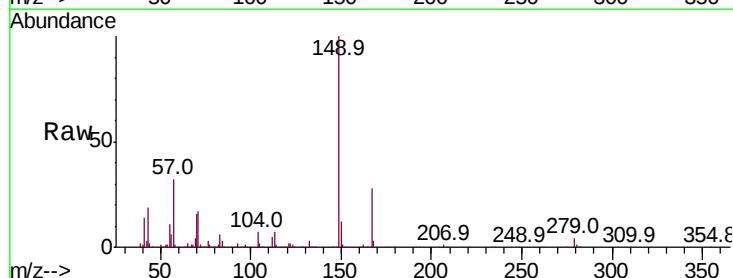
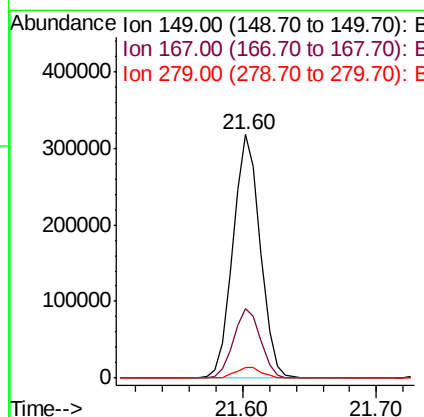
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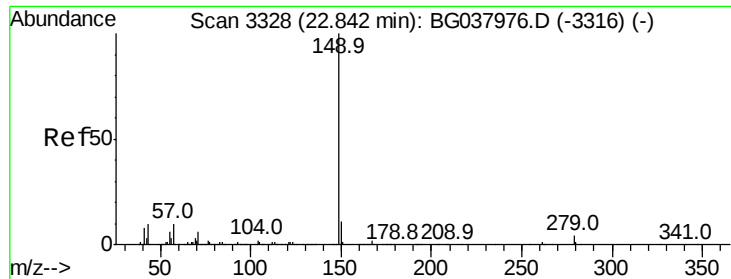
Sohil
 11/20/2018 9:41:50 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.041 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG038078.D
 Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	4.3	3.6	5.4





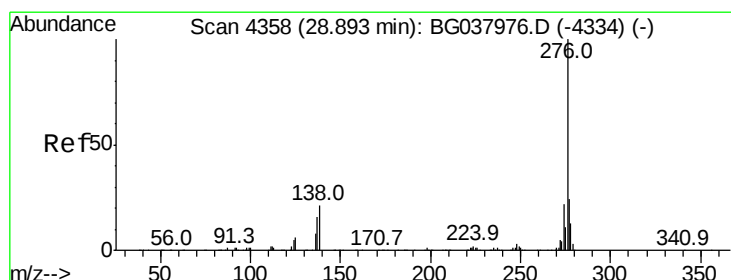
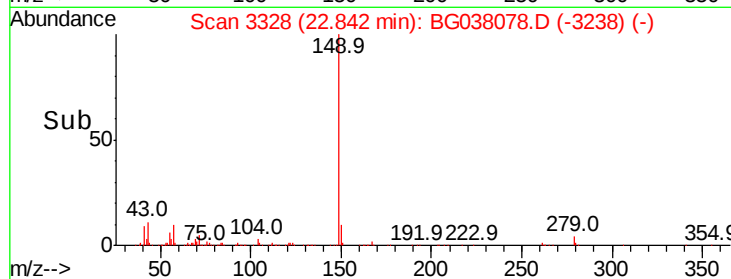
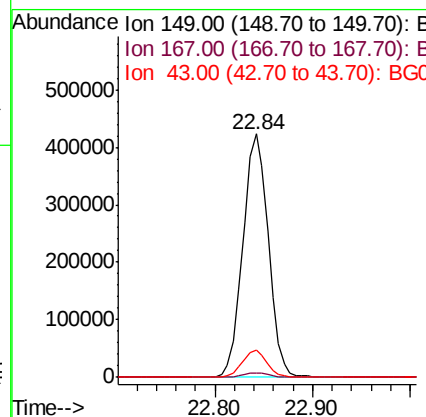
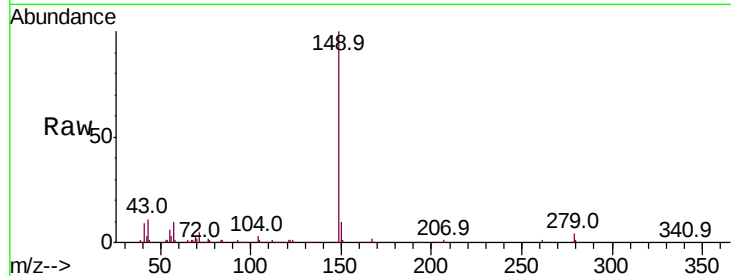
#85
Di-n-octyl phthalate
Concen: 49.483 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	769120		
167	1.7	1.3	1.9	
43	10.8	8.7	13.1	

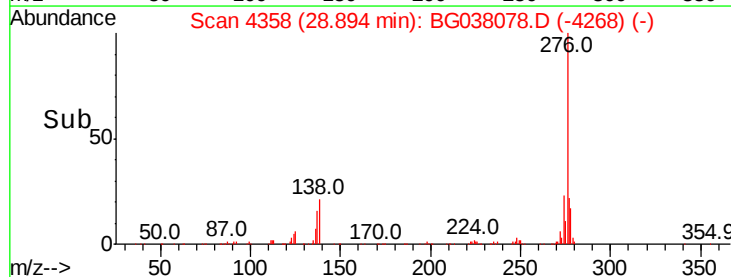
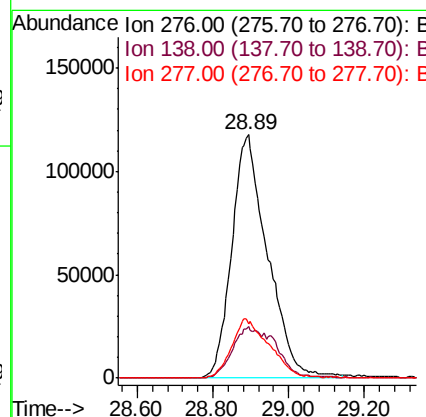
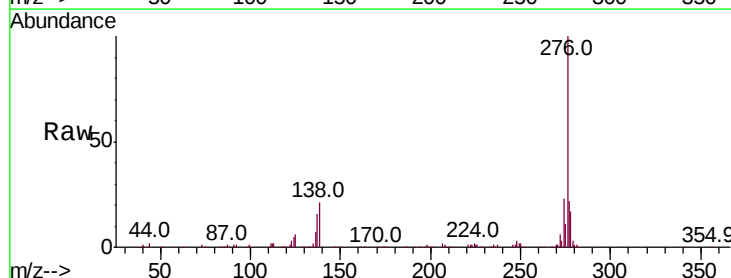
Manual Integrations
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.148 ng
RT: 28.89 min Scan# 4358
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	773921		
138	17.8	12.0	18.0	
277	25.5	20.6	30.8	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Instrument :

BNA_G

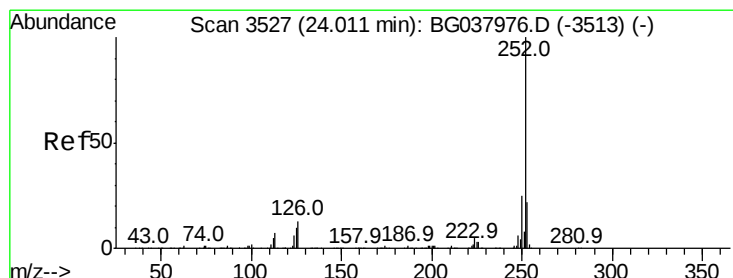
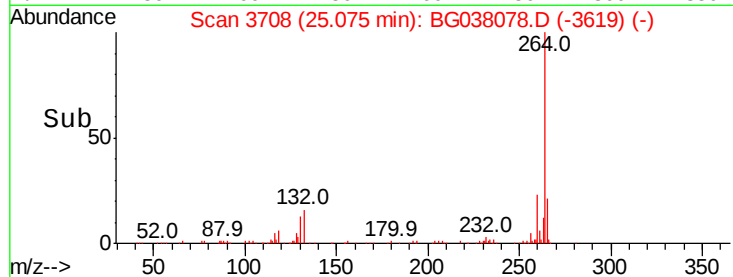
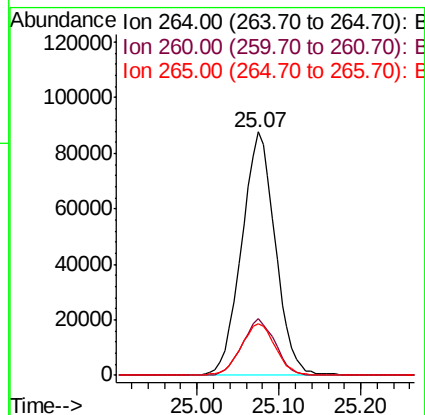
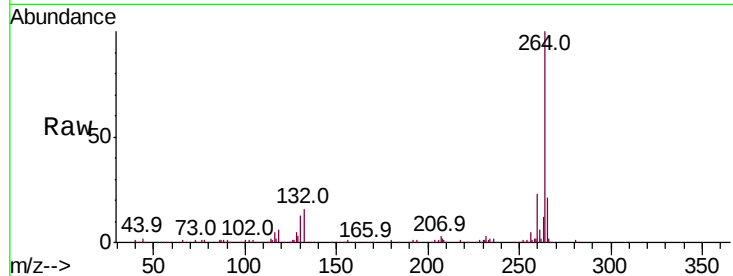
ClientSampleId :

PB114916BS

Tot Ion:	264	Resp:	250937
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.2	27.4
265	21.5	17.9	26.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 49.202 ng

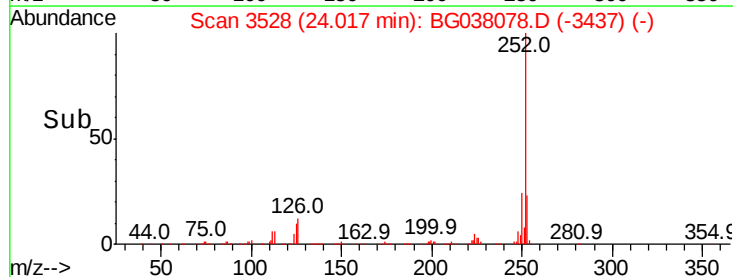
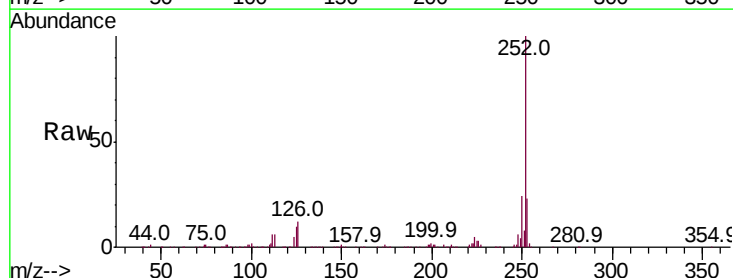
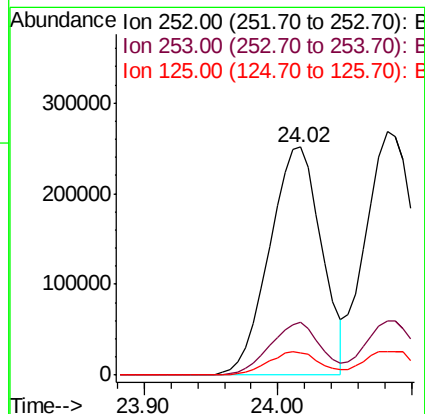
RT: 24.02 min Scan# 3528

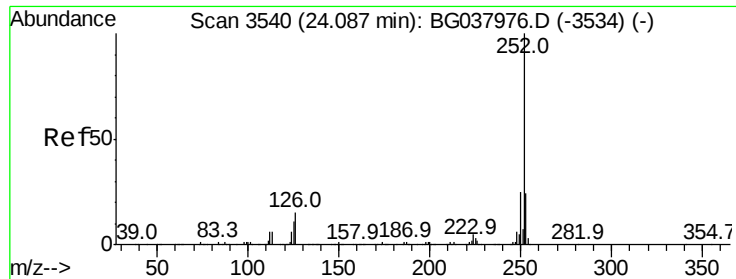
Delta R.T. 0.01 min

Lab File: BG038078.D

Acq: 20 Nov 2018 1:54

Tgt Ion:	252	Resp:	679441
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.2	27.2
125	9.9	7.8	11.6





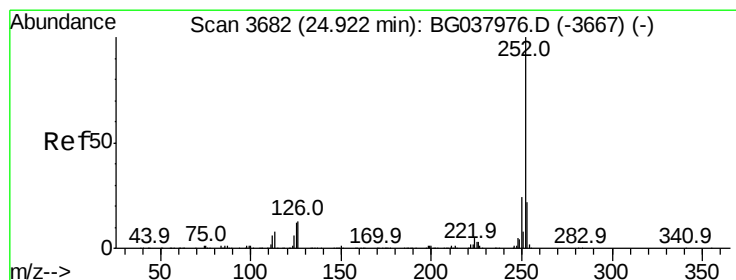
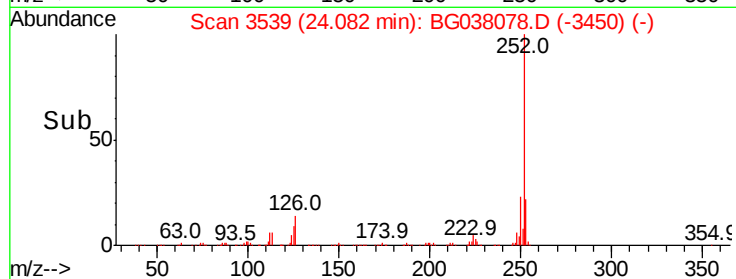
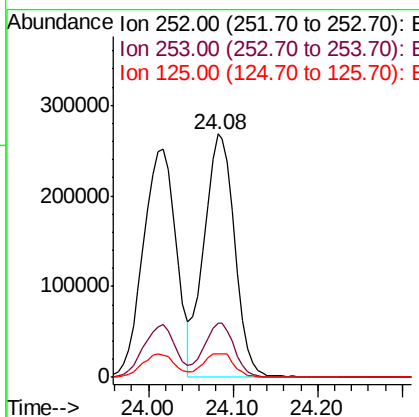
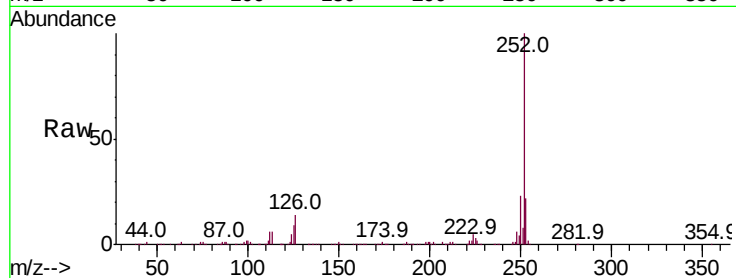
#89
Benzo(k)fluoranthene
Concen: 49.637 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.4	7.4	11.0

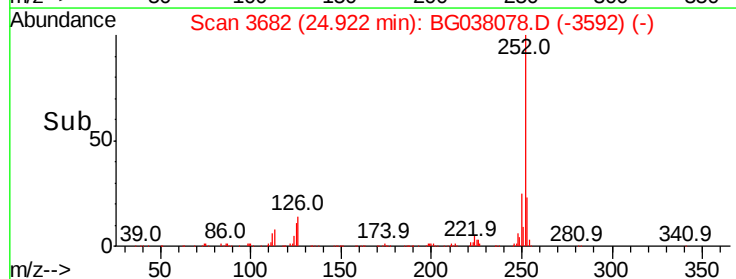
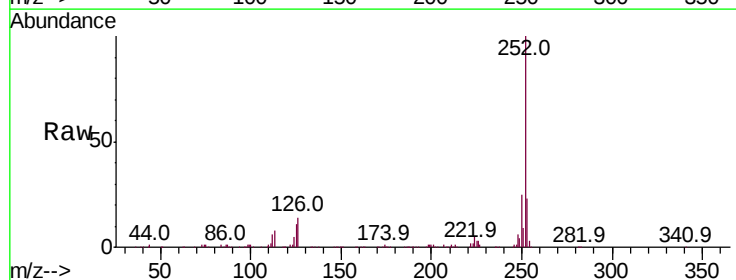
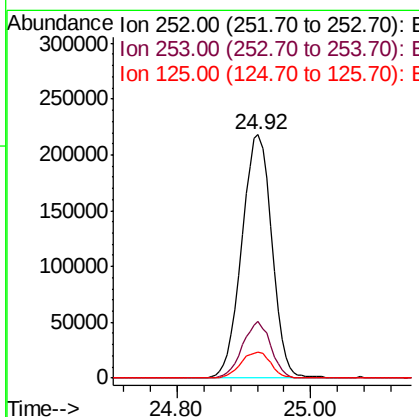
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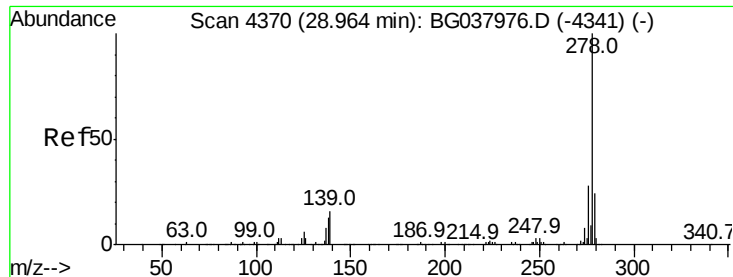
Sohil
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#90
Benzo(a)pyrene
Concen: 51.004 ng
RT: 24.92 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	10.9	9.0	13.6





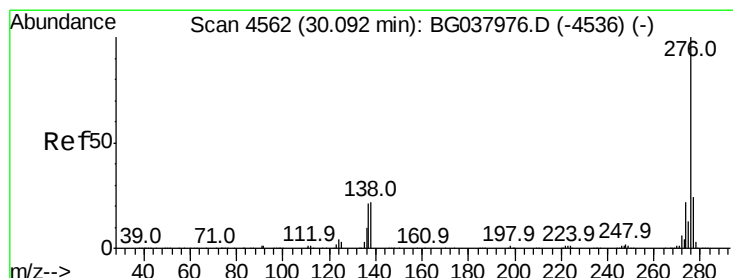
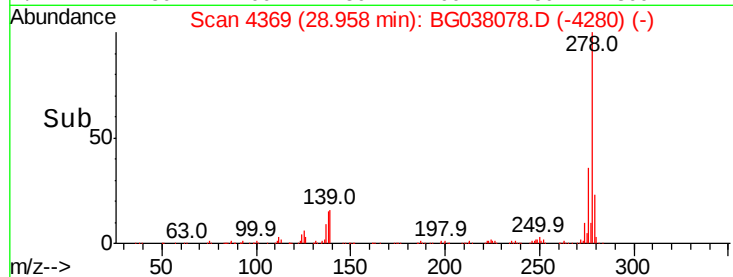
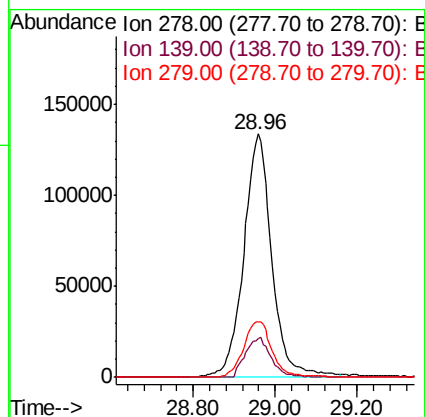
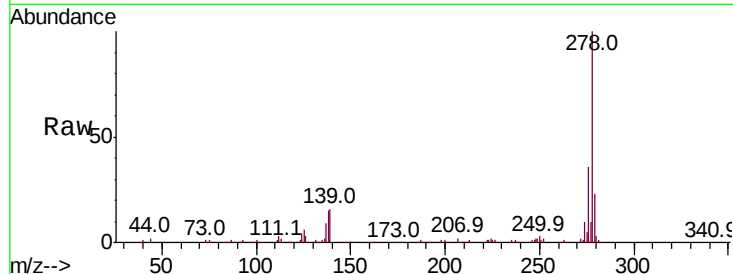
#91
Dibenzo(a,h)anthracene
Concen: 49.998 ng
RT: 28.96 min Scan# 4369
Delta R.T. -0.01 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Instrument :
BNA_G
ClientSampleId :
PB114916BS

Tot Ion:	278	Resp:	634869
Ion Ratio	Lower	Upper	
278	100		
139	15.9	11.5	17.3
279	22.8	18.6	27.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 48.960 ng
RT: 30.09 min Scan# 4562
Delta R.T. 0.00 min
Lab File: BG038078.D
Acq: 20 Nov 2018 1:54

Tgt Ion:	276	Resp:	618157
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.9	28.3
138	21.1	17.2	25.8

