

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038292.D
 Acq On : 1 Dec 2018 18:06
 Operator : JU/SJ
 Sample : PB115213BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BS

Manual Integrations
 APPROVED

mohammad
 12/3/2018 5:13:25 PM

Quant Time: Dec 03 06:56:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	28404	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	122510	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	80555	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	200077	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	189871	20.00	ng	0.00
87) Perylene-d12	25.06	264	205225	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	201228	122.32	ng	-0.01
7) Phenol-d6	7.23	99	278878	118.76	ng	0.00
23) Nitrobenzene-d5	9.26	82	177772	77.68	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	116265	126.55	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	407339	73.67	ng	-0.01
79) Terphenyl-d14	20.06	244	706829	87.59	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	25671	33.036	ng	# 95
3) Pyridine	3.91	79	70379	31.751	ng	93
4) n-Nitrosodimethylamine	3.83	42	42568	52.934	ng	87
6) Aniline	7.41	93	46952	15.491	ng	99
8) 2-Chlorophenol	7.63	128	82939	43.449	ng	98
9) Benzaldehyde	7.22	77	46248	27.233	ng	93
10) Phenol	7.25	94	107717	43.306	ng	89
11) bis(2-Chloroethyl)ether	7.49	93	75143	37.004	ng	100
12) 1,3-Dichlorobenzene	7.96	146	81480	37.052	ng	98
13) 1,4-Dichlorobenzene	8.11	146	83590	37.629	ng	98
14) 1,2-Dichlorobenzene	8.43	146	80451	37.933	ng	99
15) Benzyl Alcohol	8.32	79	76814	45.206	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.60	45	171292	45.427	ng	96
17) 2-Methylphenol	8.51	107	73429	43.664	ng	97
18) Hexachloroethane	9.16	117	31547	39.021	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	64715	38.086	ng	91
20) 3+4-Methylphenols	8.84	107	101667	42.647	ng	96
22) Acetophenone	8.90	105	121287	39.791	ng	# 93
24) Nitrobenzene	9.30	77	97206	41.520	ng	94
25) Isophorone	9.81	82	183574	44.565	ng	98
26) 2-Nitrophenol	10.01	139	45383	38.830	ng	91
27) 2,4-Dimethylphenol	10.05	122	86318	49.018	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	107499	40.811	ng	96
29) 2,4-Dichlorophenol	10.54	162	86558	43.700	ng	96
30) 1,2,4-Trichlorobenzene	10.75	180	86516	38.978	ng	98
31) Naphthalene	10.95	128	255470	42.397	ng	99
32) Benzoic acid	10.18	122	38034	37.258	ng	96
33) 4-Chloroaniline	11.07	127	22352	7.975	ng	94
34) Hexachlorobutadiene	11.21	225	52139	38.168	ng	96
35) Caprolactam	11.84	113	33607m	42.389	ng	
36) 4-Chloro-3-methylphenol	12.16	107	96617	44.648	ng	96
37) 2-Methylnaphthalene	12.55	142	188542	43.561	ng	97
38) 1-Methylnaphthalene	12.76	142	179761	43.147	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	101171	37.585	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	127412	88.395	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	73489	40.064	nq	98
44) 2,4,5-Trichlorophenol	13.22	196	81950	42.461	nq	95
46) 1,1'-Biphenyl	13.55	154	245468	36.272	nq	99
47) 2-Chloronaphthalene	13.59	162	195151	37.789	nq	99
48) 2-Nitroaniline	13.80	65	70586	43.429	nq	96
49) Acenaphthylene	14.44	152	330696	42.584	nq	99
50) Dimethylphthalate	14.16	163	267038	41.815	nq	98
51) 2,6-Dinitrotoluene	14.30	165	61105	42.276	nq	96
52) Acenaphthene	14.78	154	188250	40.266	nq	99
53) 3-Nitroaniline	14.63	138	16512	10.353	nq	# 90
54) 2,4-Dinitrophenol	14.83	184	71561	90.374	nq	# 85
55) Dibenzofuran	15.11	168	309262	40.005	nq	96
56) 4-Nitrophenol	14.93	139	103381	84.044	nq	84
57) 2,4-Dinitrotoluene	15.08	165	87596	44.543	nq	95
58) Fluorene	15.76	166	251329	43.573	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	73066	45.243	nq	97
60) Diethylphthalate	15.51	149	284757	41.980	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	133633	39.594	nq	96
62) 4-Nitroaniline	15.80	138	65052	41.058	nq	92
63) Azobenzene	16.04	77	258573	42.635	nq	95
65) 4,6-Dinitro-2-methylphenol	15.84	198	52700	41.644	nq	93
66) n-Nitrosodiphenylamine	15.97	169	230176	38.028	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	84747	38.591	nq	97
68) Hexachlorobenzene	16.75	284	88715	39.138	nq	99
69) Atrazine	16.91	200	93025	41.691	nq	99
70) Pentachlorophenol	17.10	266	106616	69.254	nq	96
71) Phenanthrene	17.51	178	438881	42.844	nq	99
72) Anthracene	17.59	178	444832	44.054	nq	100
73) Carbazole	17.87	167	410032	40.474	nq	98
74) Di-n-butylphthalate	18.40	149	497251	43.725	nq	99
75) Fluoranthene	19.51	202	534292	45.716	nq	98
77) Benzidine	19.70	184	131639	19.758	nq	98
78) Pyrene	19.87	202	533337	42.963	nq	100
80) Butylbenzylphthalate	20.74	149	228519	42.094	nq	99
81) Benzo(a)anthracene	21.72	228	504327	43.954	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	69289	15.502	nq	96
83) Chrysene	21.79	228	463620	42.231	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	318704	41.166	nq	99
85) Di-n-octyl phthalate	22.83	149	545088	43.520	nq	98
86) Indeno(1,2,3-cd)pyrene	28.86	276	557064	45.688	nq	98
88) Benzo(b)fluoranthene	24.00	252	497996	44.095	nq	99
89) Benzo(k)fluoranthene	24.07	252	481512	43.208	nq	99
90) Benzo(a)pyrene	24.90	252	480510	44.520	nq	98
91) Dibenzo(a,h)anthracene	28.92	278	460390	44.333	nq	98
92) Benzo(g,h,i)perylene	30.06	276	464086	44.944	nq	97

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

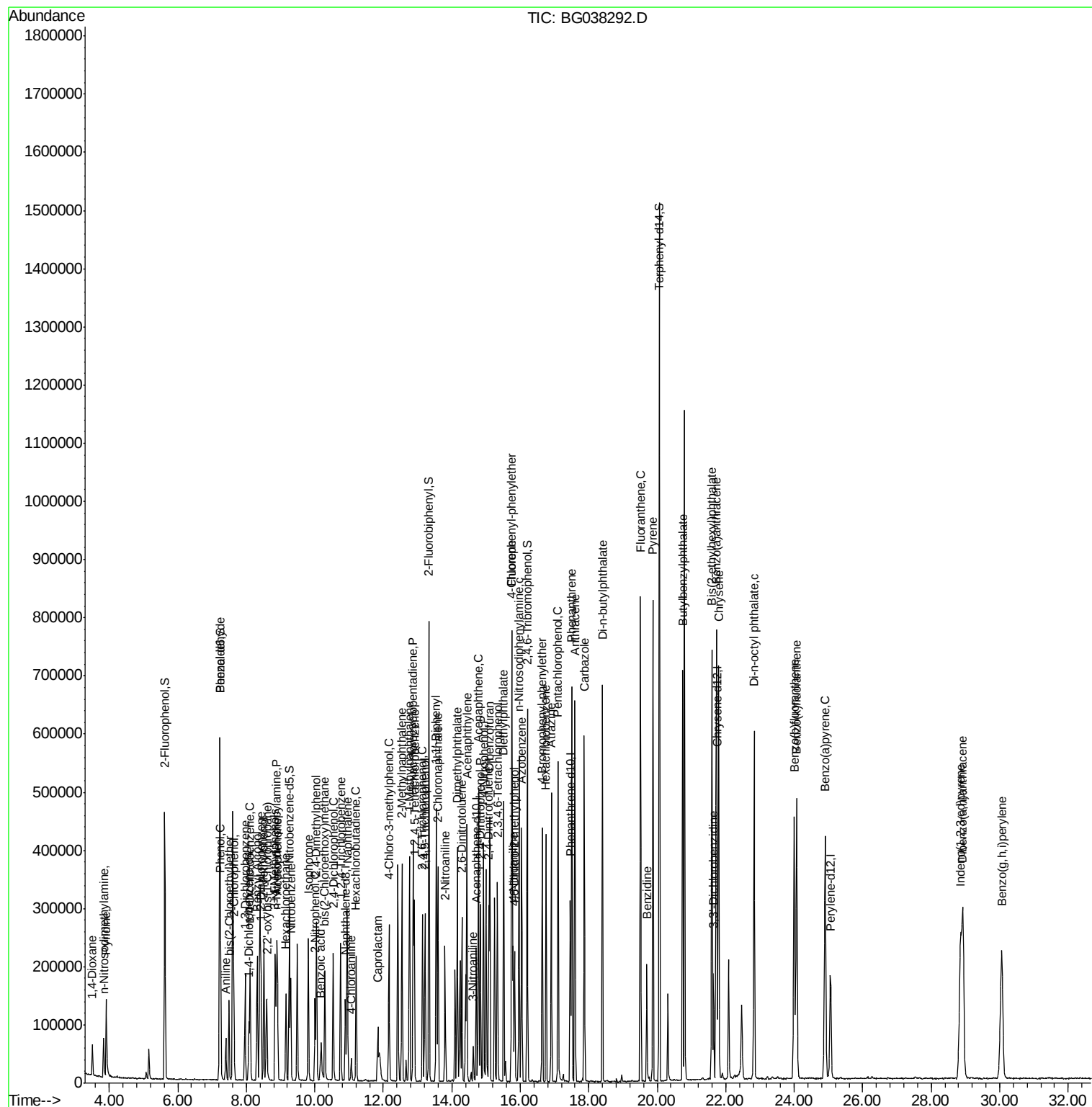
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
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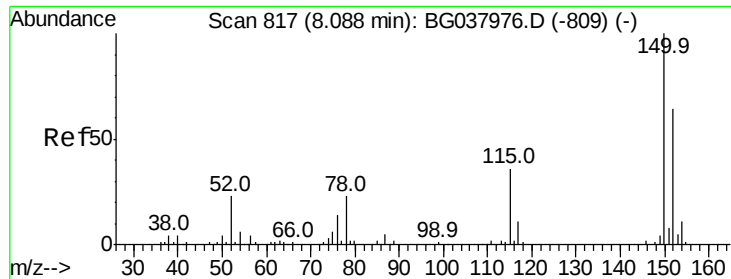
Instrument :
 BNA_G
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 PB115213BS

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#1

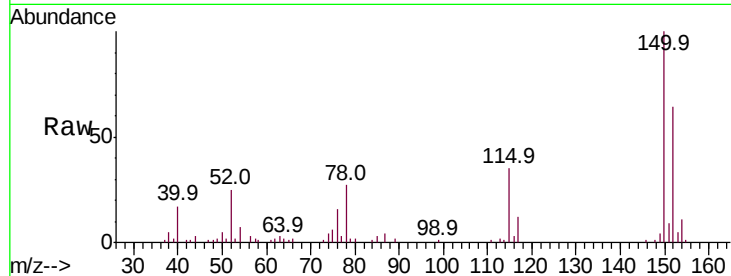
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.0	189.0
115	55.8	45.5	68.3

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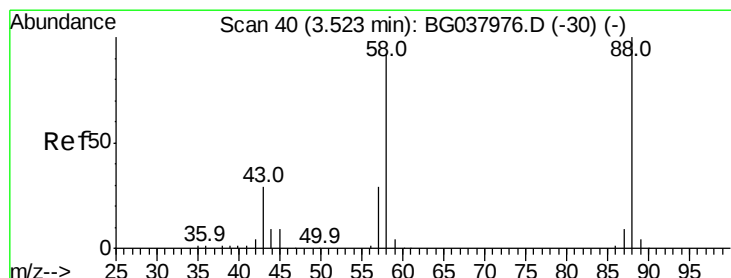
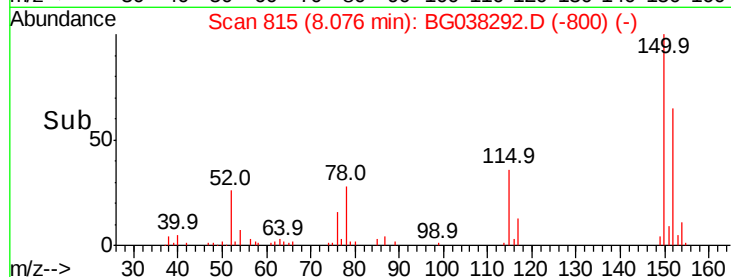
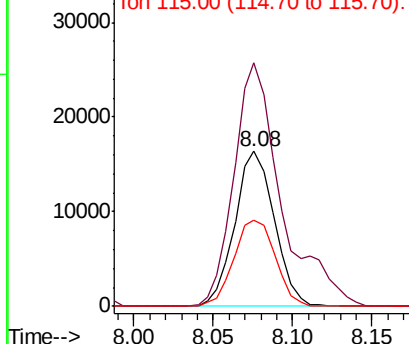


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

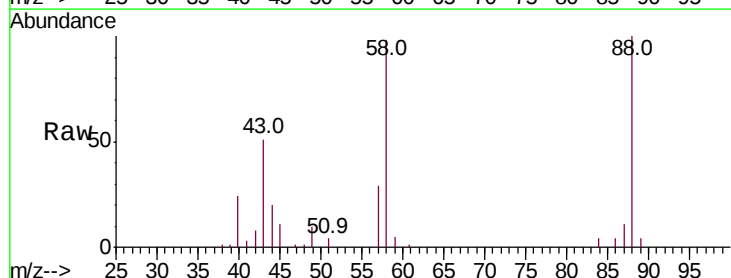
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.036 ng
RT: 3.50 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.4	74.4	111.6
43	39.2	25.8	38.8#

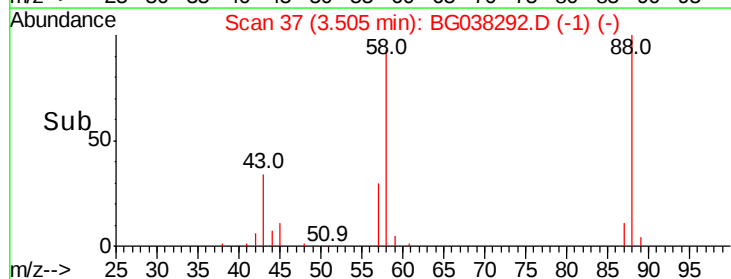
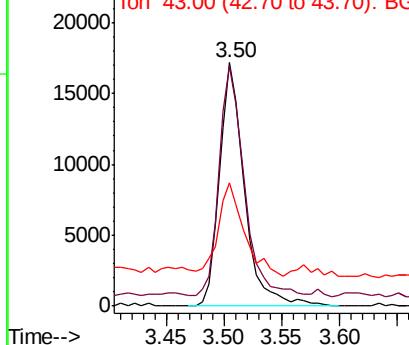


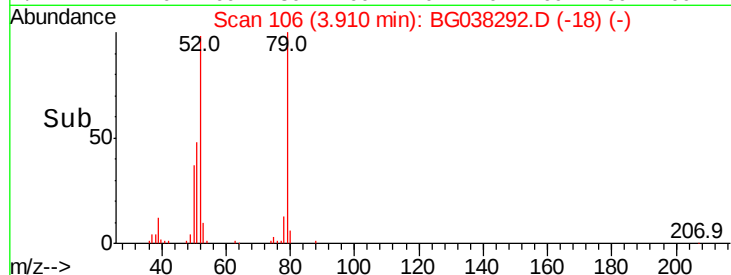
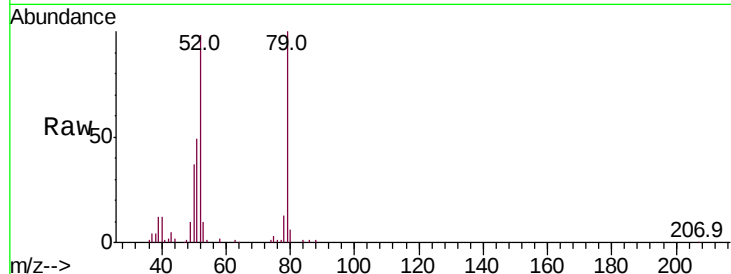
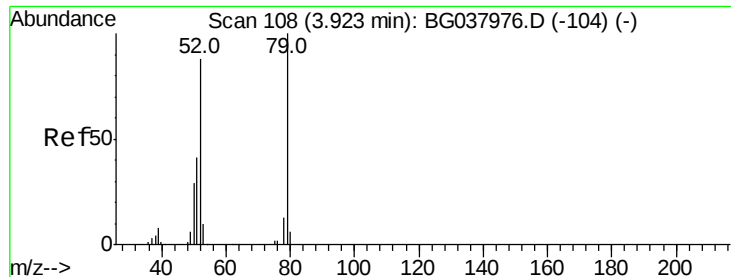
Abundance

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





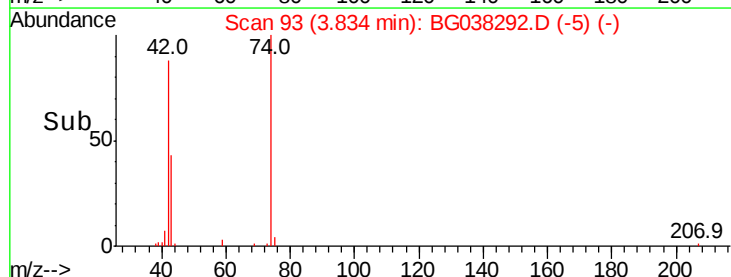
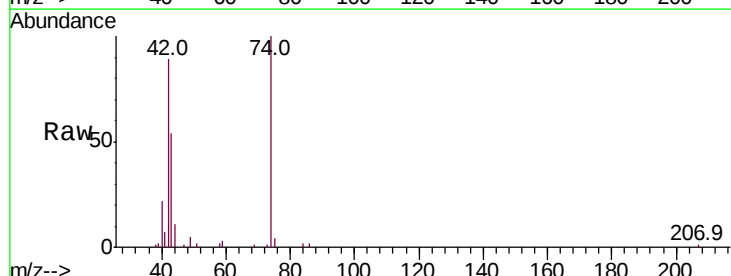
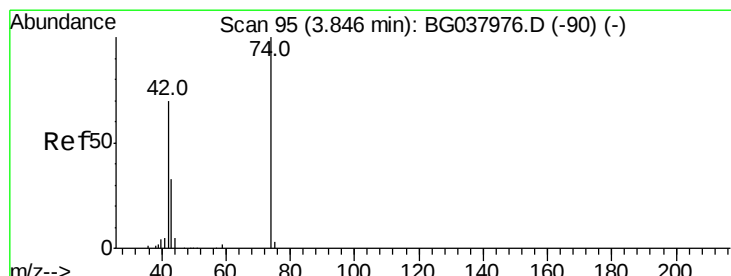
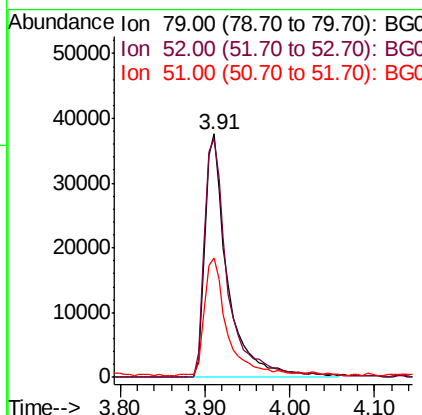
#3
Pvridine
Concen: 31.751 ng
RT: 3.91 min Scan# 106
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.0	74.2	111.2
51	49.2	34.6	51.8

Instrument :
BNA_G
ClientSampleId :
PB115213BS

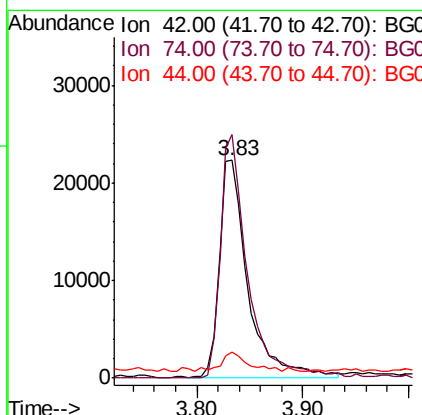
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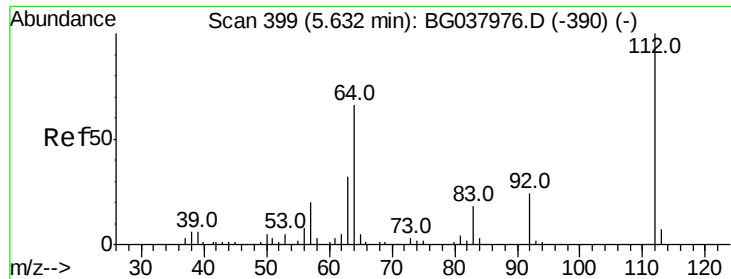
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#4
n-Nitrosodimethylamine
Concen: 52.934 ng
RT: 3.83 min Scan# 93
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.8	102.0	153.0
44	12.1	9.6	14.4





#5

2-Fluorophenol

Concen: 122.318 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

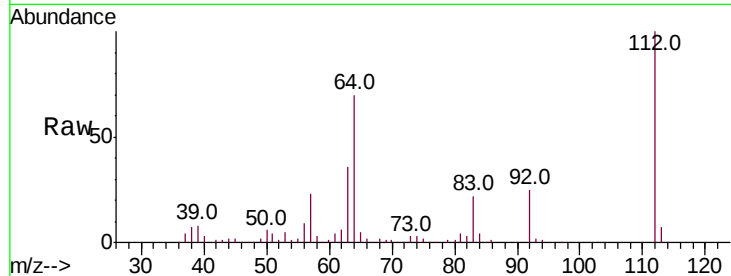
ClientSampleId :

PB115213BS

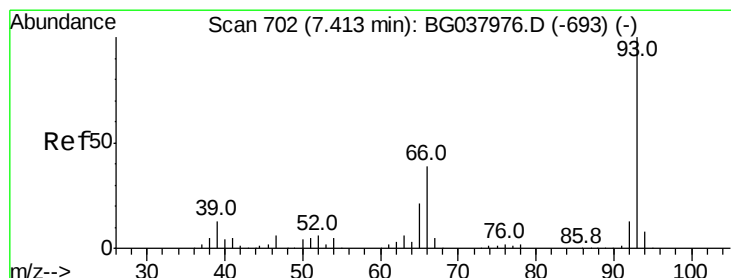
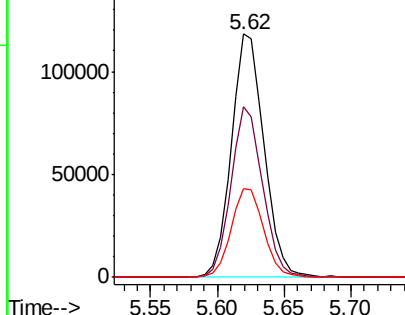
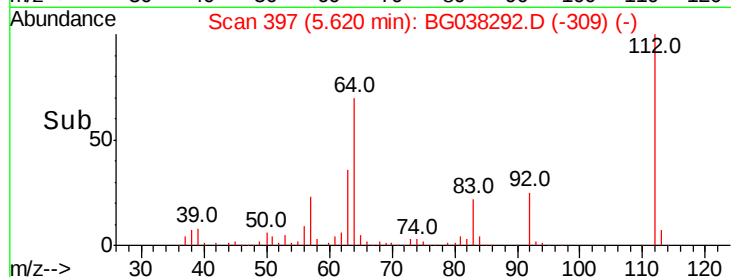
Tot Ion:	112	Resp:	201228
Ion Ratio	Lower	Upper	
112	100		
64	70.0	53.1	79.7
63	36.4	27.3	40.9

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



#6

Aniline

Concen: 15.491 ng

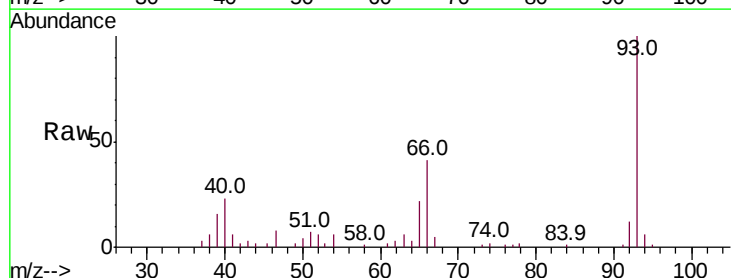
RT: 7.41 min Scan# 701

Delta R.T. -0.01 min

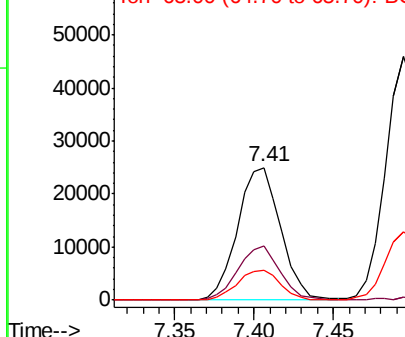
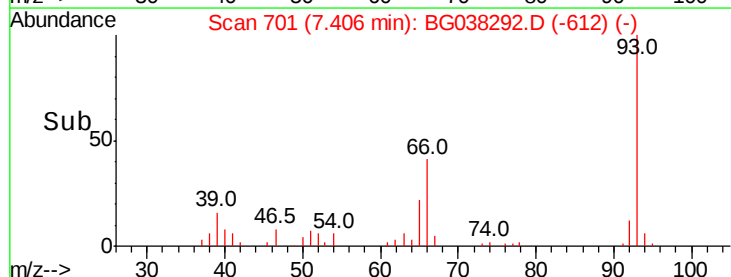
Lab File: BG038292.D

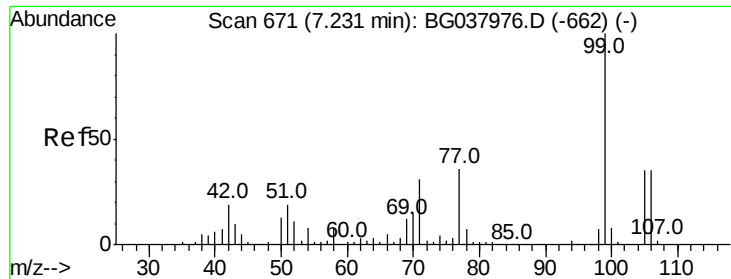
Acq: 1 Dec 2018 18:06

Tgt Ion:	93	Resp:	46952
Ion Ratio	Lower	Upper	
93	100		
66	40.9	32.8	49.2
65	22.2	16.4	24.6



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





#7

Phenol-d6

Concen: 118.757 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

ClientSampleId :

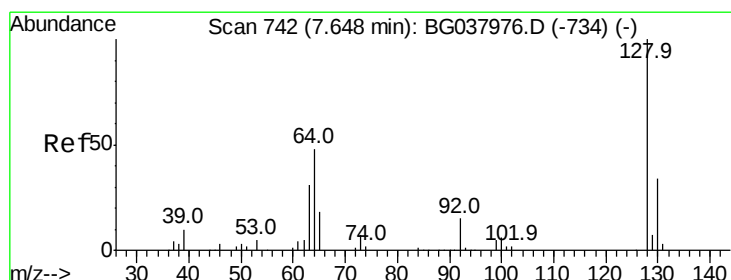
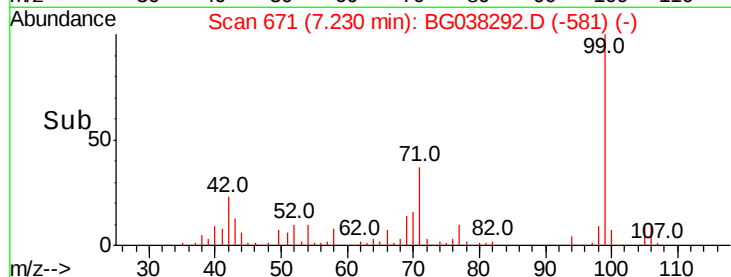
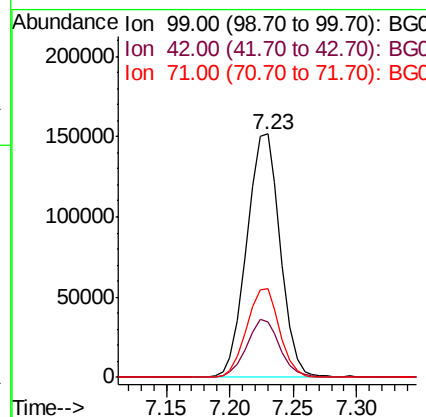
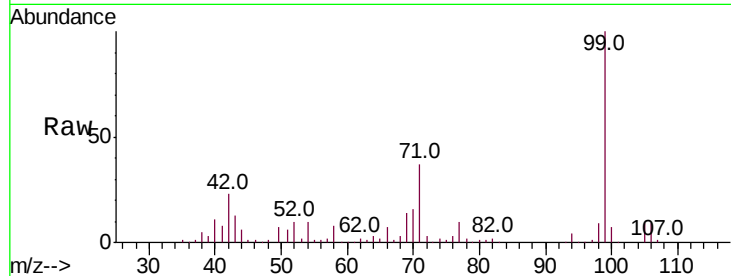
PB115213BS

Tot Ion: 99 Resp: 278878

Ion	Ratio	Lower	Upper
99	100		
42	22.7	15.0	22.4#
71	36.7	25.5	38.3

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#8

2-Chlorophenol

Concen: 43.449 ng

RT: 7.63 min Scan# 740

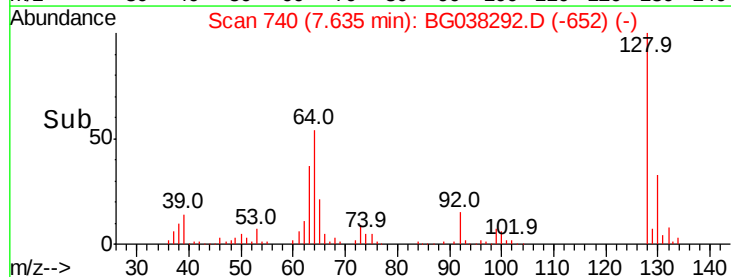
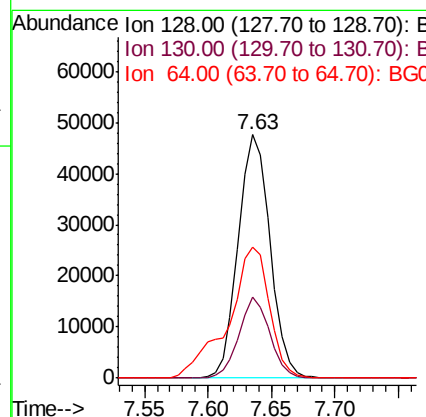
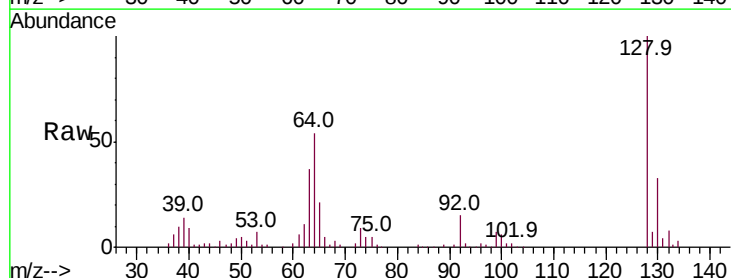
Delta R.T. -0.01 min

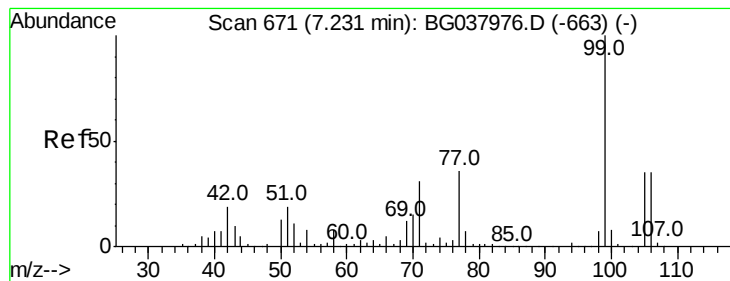
Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tgt Ion: 128 Resp: 82939

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.0	52.0
64	53.8	32.9	72.9





#9

Benzaldehyde

Concen: 27.233 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

ClientSampleId :

PB115213BS

Tot Ion: 77 Resp: 46248

Ion Ratio Lower Upper

77 100

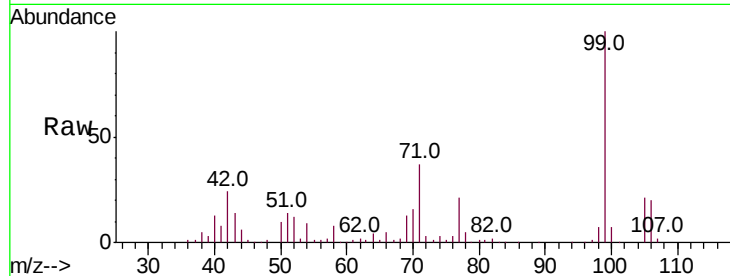
105 100.1 72.6 112.6

106 96.7 71.3 111.3

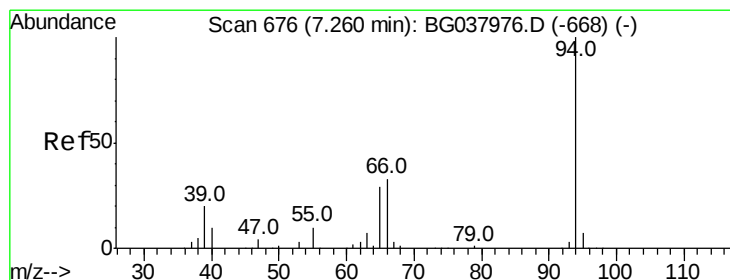
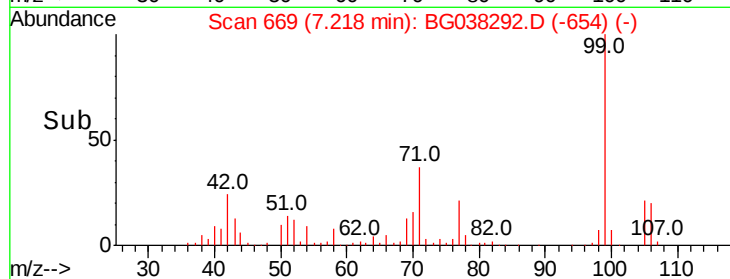
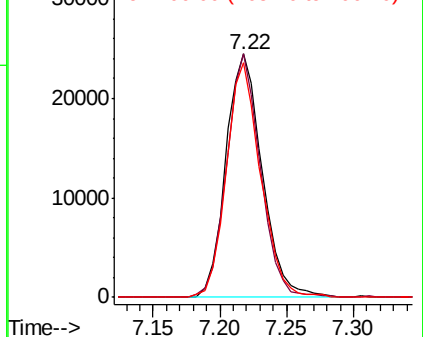
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.306 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

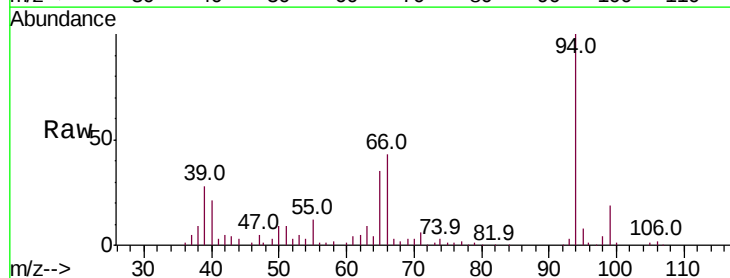
Tgt Ion: 94 Resp: 107717

Ion Ratio Lower Upper

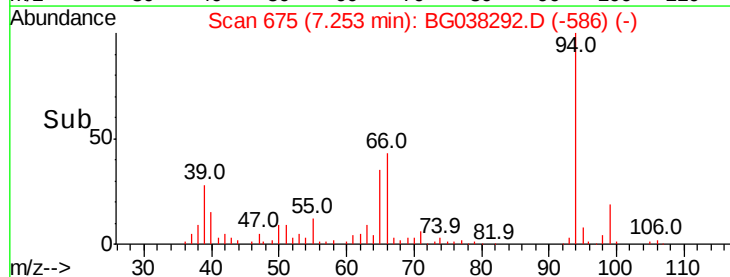
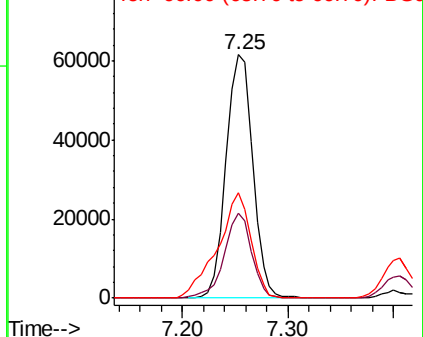
94 100

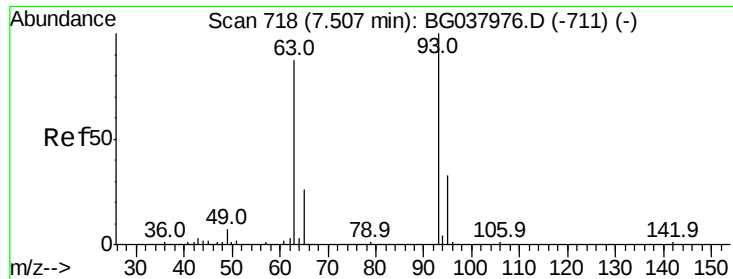
65 34.8 9.7 49.7

66 43.2 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





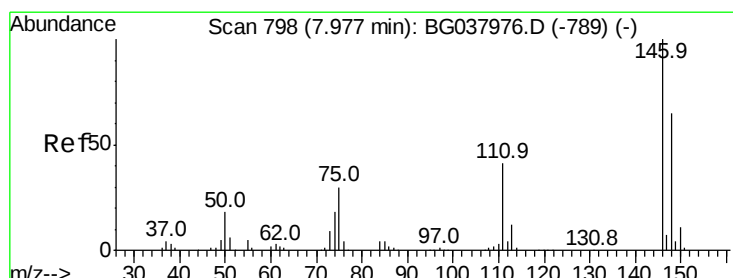
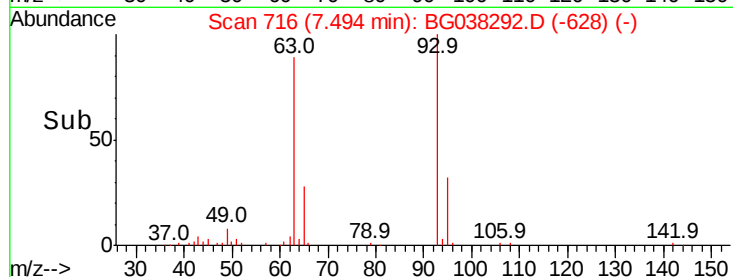
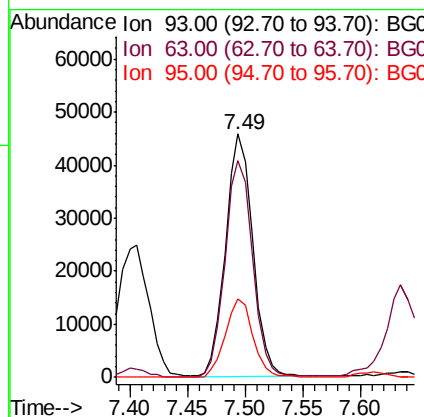
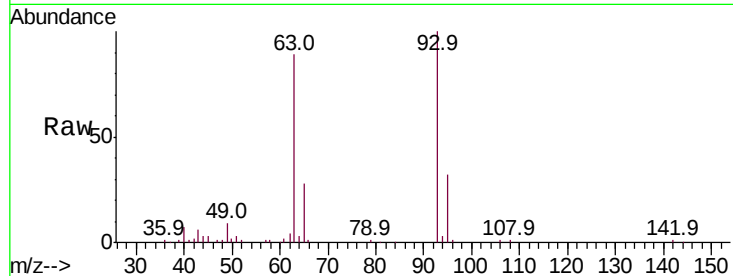
#11
bis(2-Chloroethyl)ether
Concen: 37.004 ng
RT: 7.49 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	69.5	109.5
95	32.5	12.6	52.6

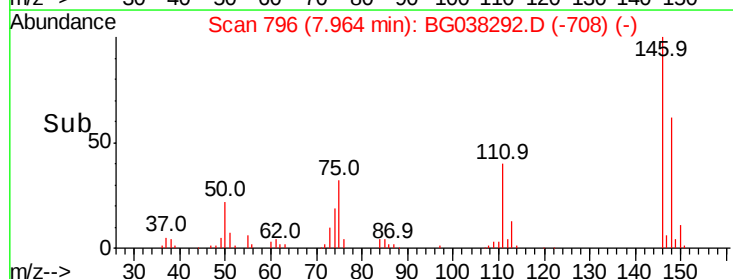
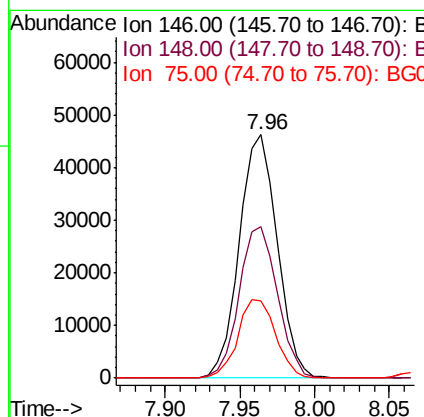
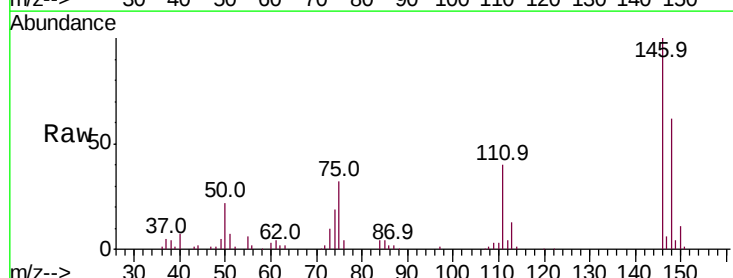
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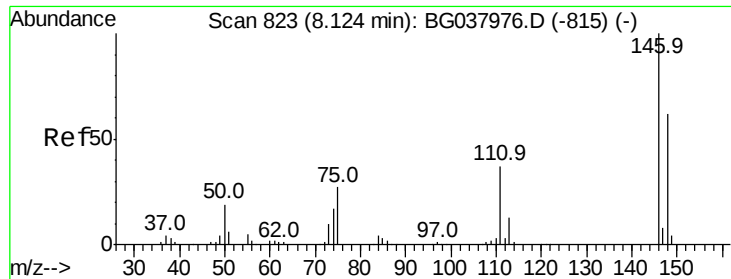
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#12
1,3-Dichlorobenzene
Concen: 37.052 ng
RT: 7.96 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	49.8	74.8
75	31.9	23.2	34.8





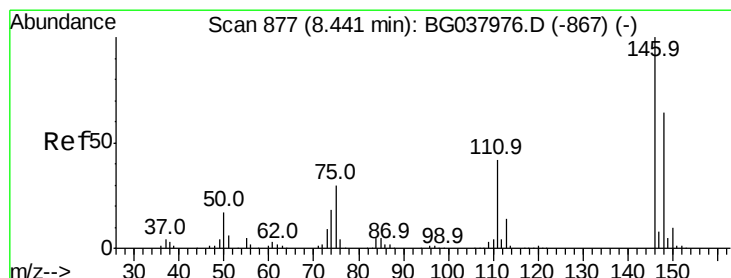
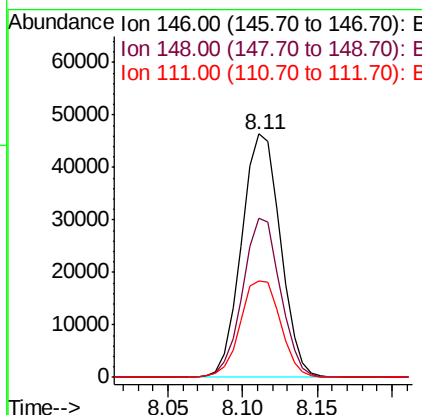
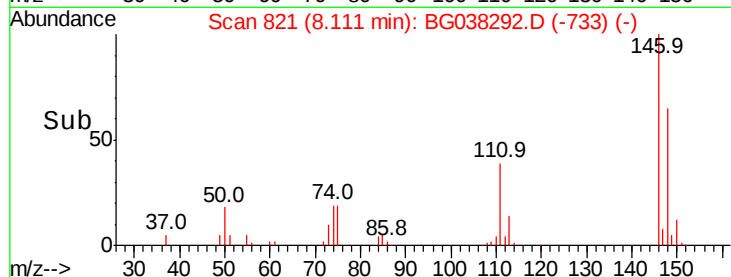
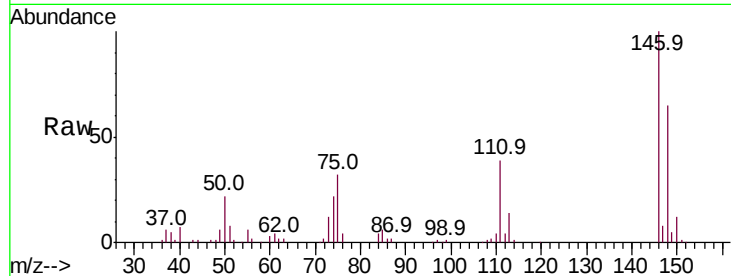
#13
 1,4-Dichlorobenzene
 Concen: 37.629 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
111	39.4	32.4	48.6

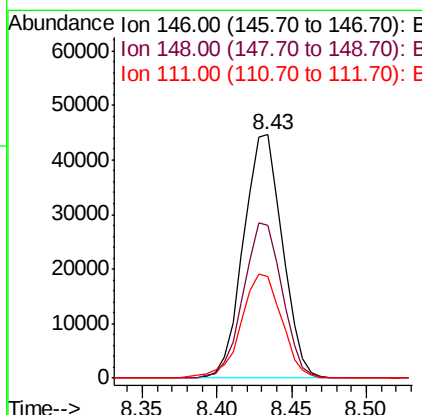
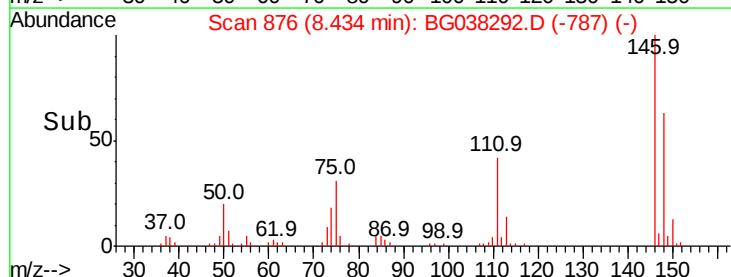
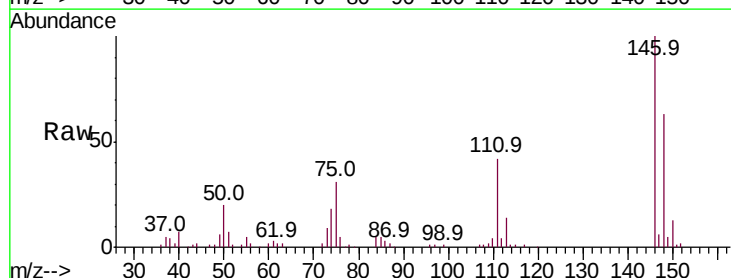
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#14
 1,2-Dichlorobenzene
 Concen: 37.933 ng
 RT: 8.43 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	42.0	34.6	51.8





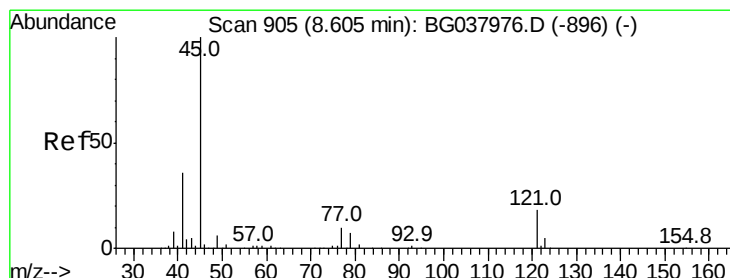
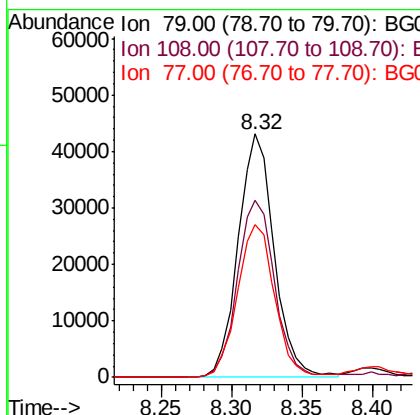
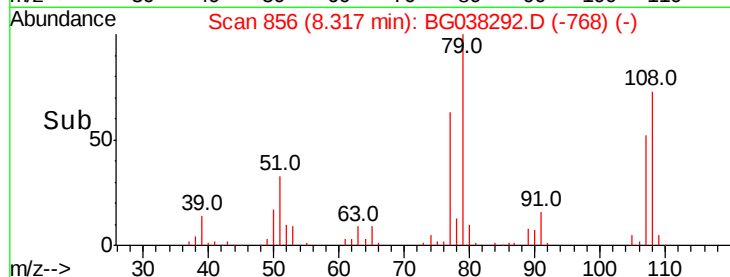
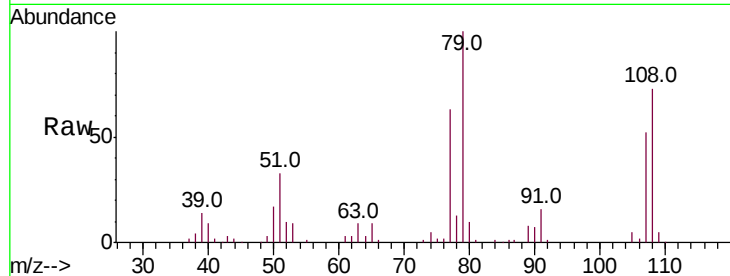
#15
Benzyl Alcohol
Concen: 45.206 ng
RT: 8.32 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.6	65.8	98.8
77	62.7	52.9	79.3

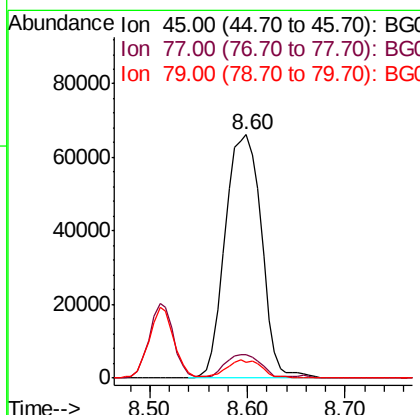
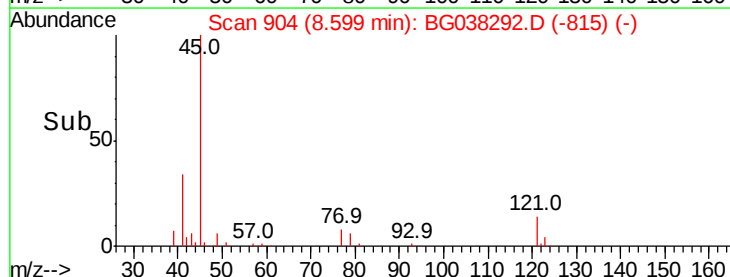
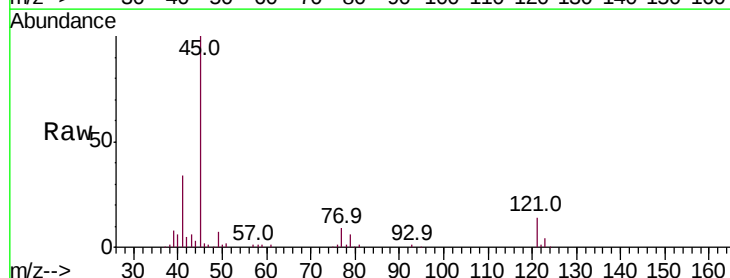
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.427 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.4	0.0	30.0
79	6.5	0.0	29.0





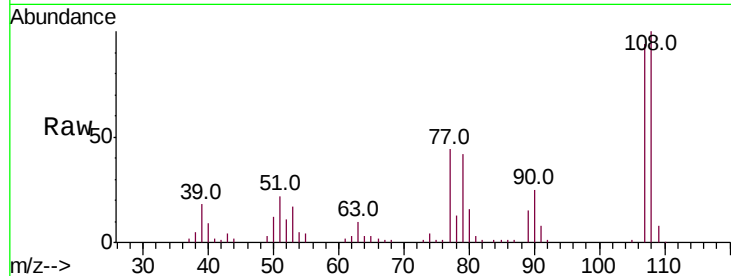
#17
2-Methylphenol
Concen: 43.664 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	107	Resp	73429
Ion Ratio	Lower	Upper	
107	100		
108	106.5	87.9	131.9
77	46.6	35.1	52.7
79	44.5	34.5	51.7

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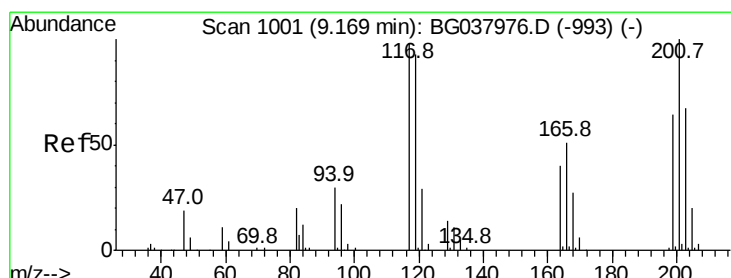
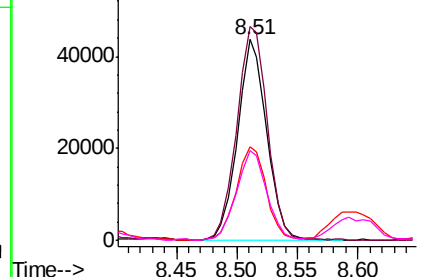
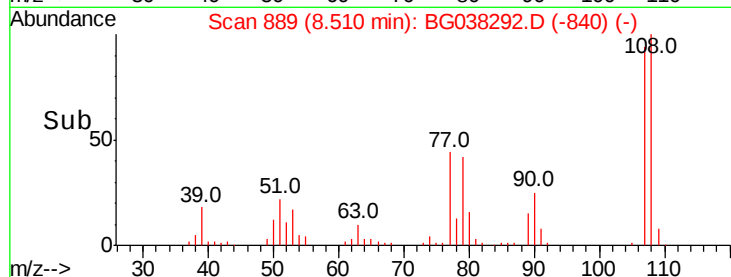
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

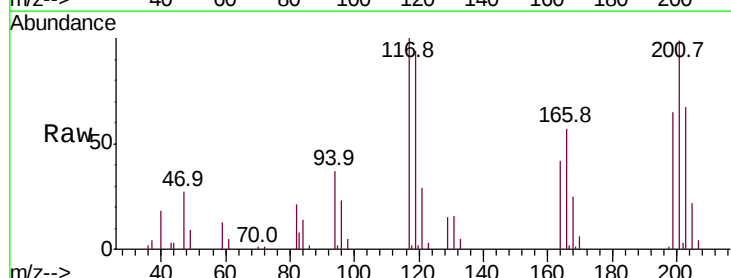
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.021 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	117	Resp	31547
Ion Ratio	Lower	Upper	
117	100		
119	94.2	74.6	111.8
201	99.1	80.8	121.2

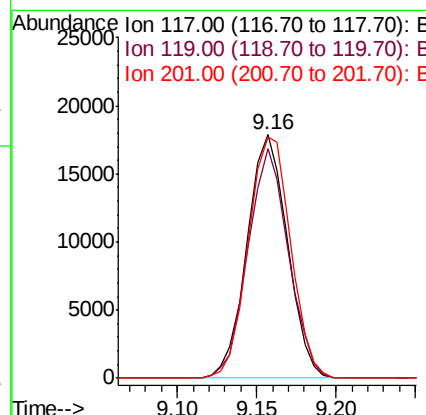
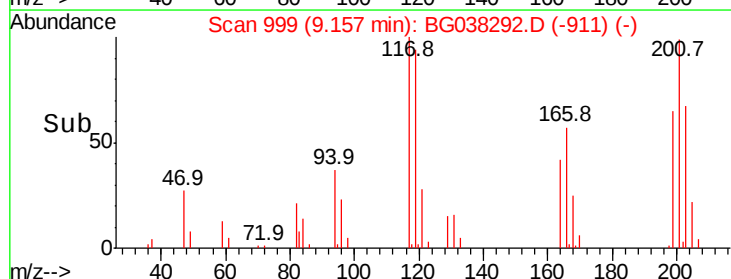


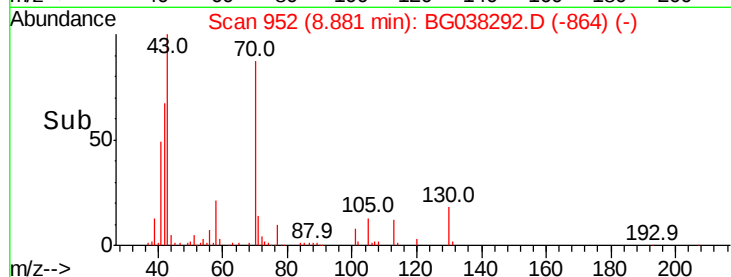
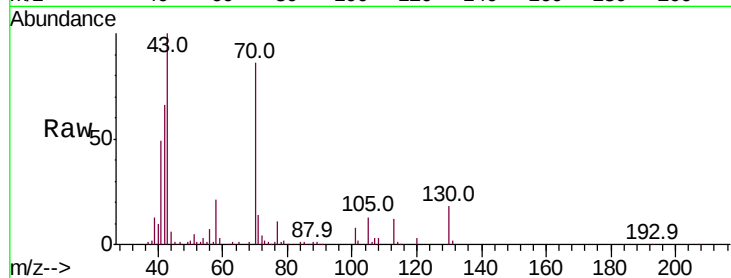
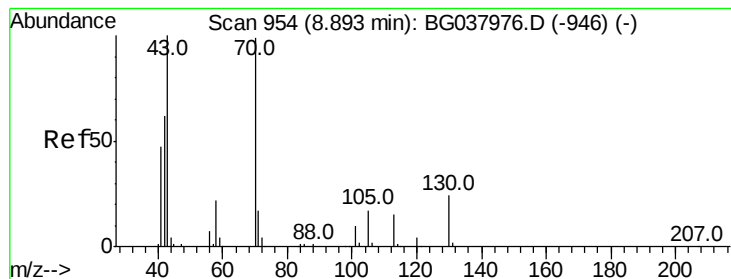
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.086 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	76.6	53.9	80.9	
101	9.7	8.2	12.2	
130	21.0	18.2	27.4	

Instrument :

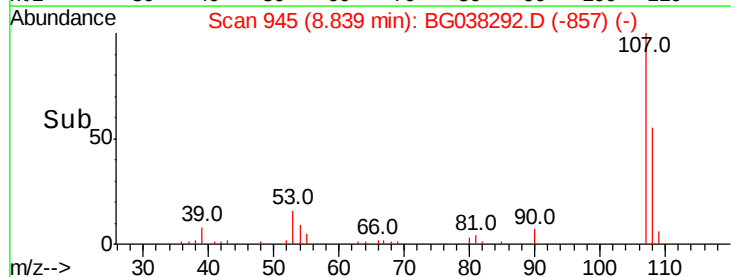
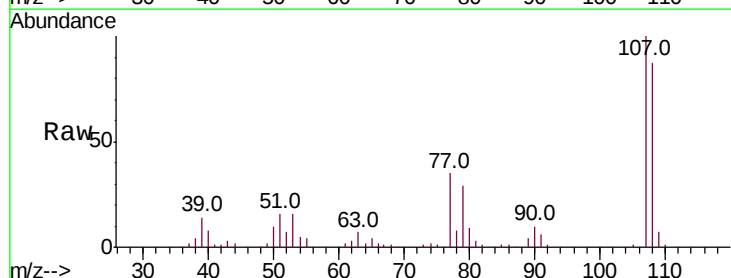
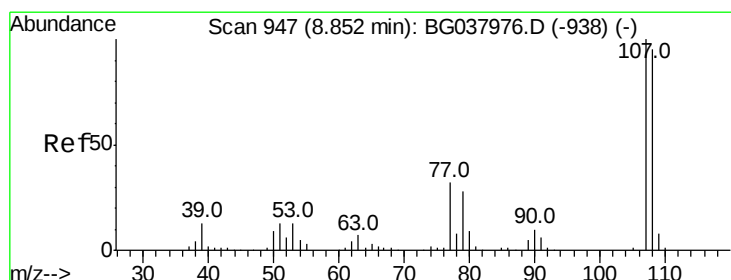
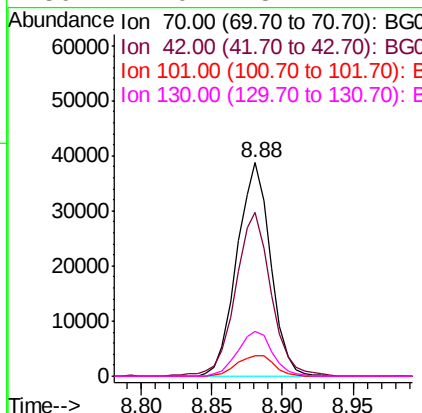
BNA_G

ClientSampleId :

PB115213BS

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#20

3+4-Methylphenols

Concen: 42.647 ng

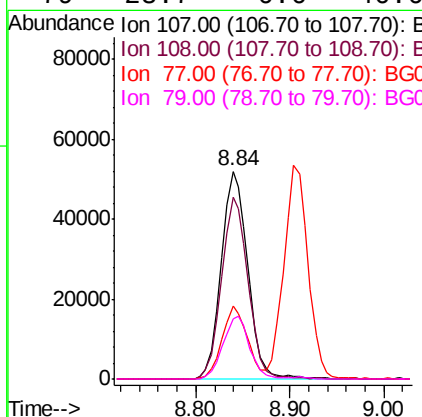
RT: 8.84 min Scan# 945

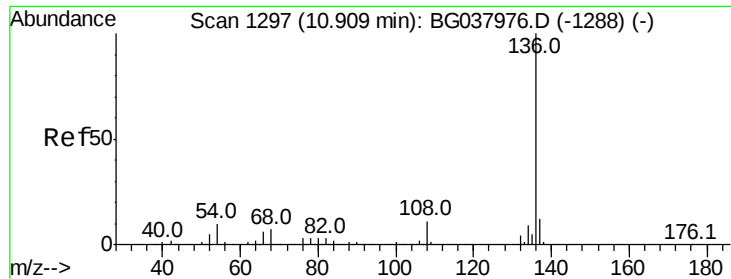
Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	69.9	109.9	
77	35.4	11.2	51.2	
79	28.7	6.6	46.6	





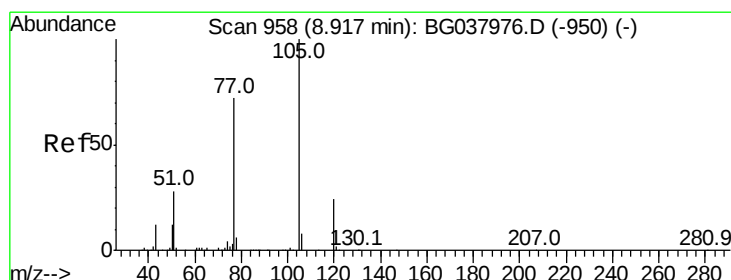
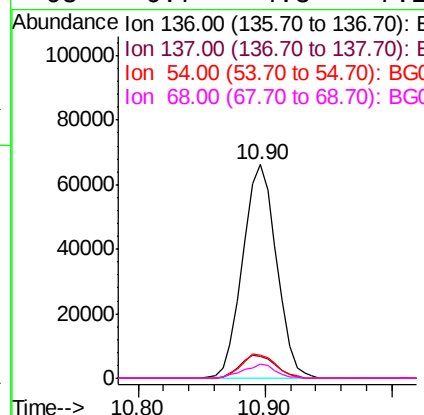
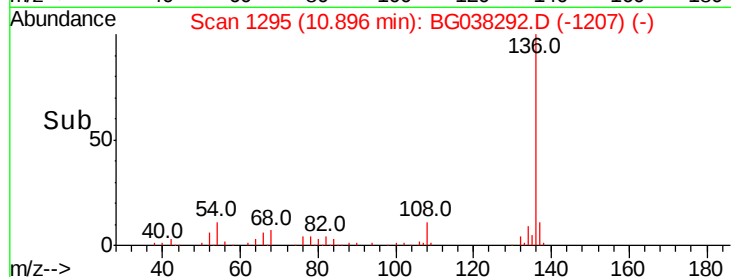
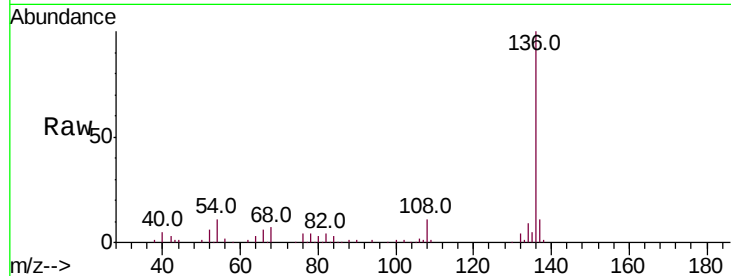
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampled :
PB115213BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.6	14.4	
54	11.1	7.9	11.9	
68	6.7	4.8	7.2	

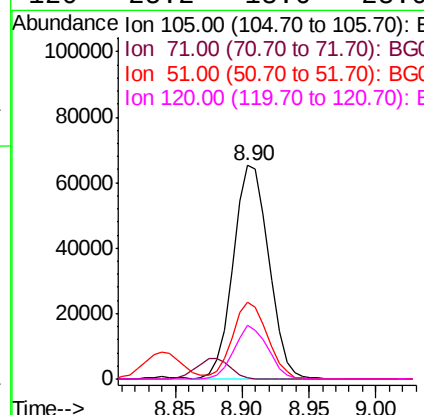
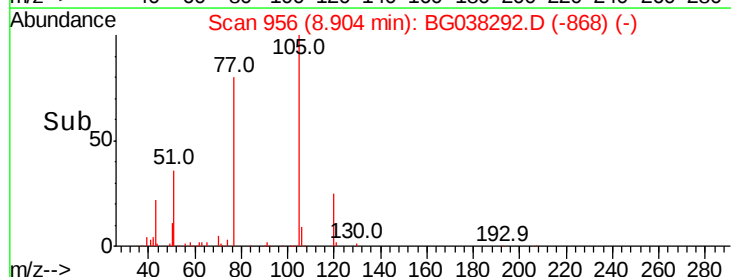
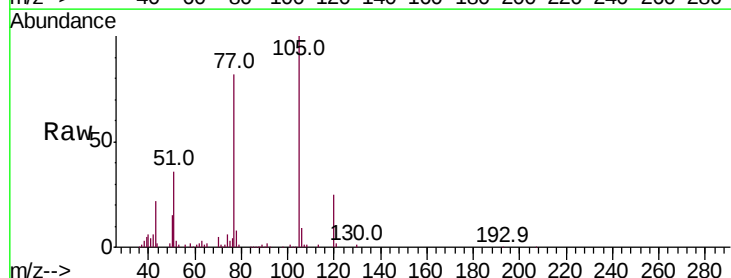
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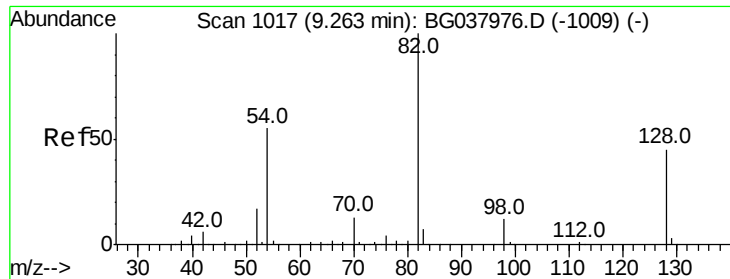
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#22
Acetophenone
Concen: 39.791 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.8	1.2	1.8#	
51	36.2	25.0	37.6	
120	25.2	18.6	28.0	





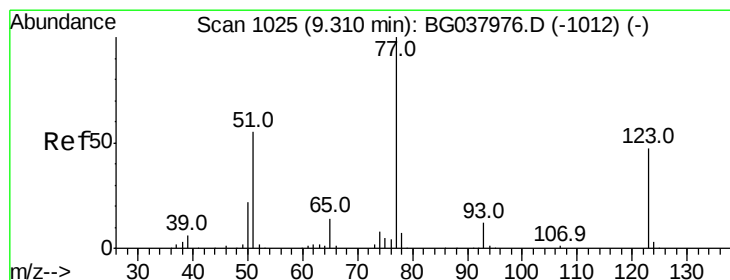
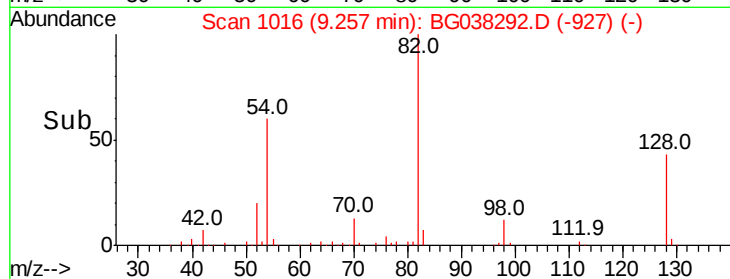
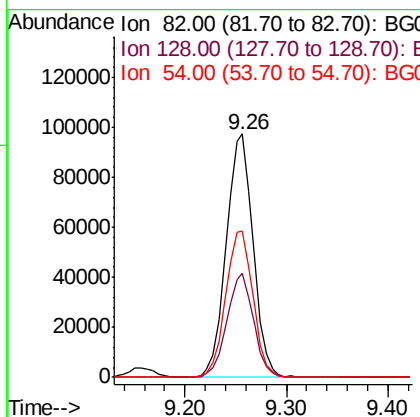
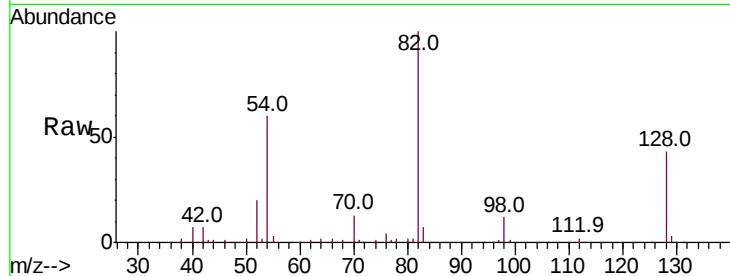
#23
Nitrobenzene-d5
Concen: 77.677 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	51.8
54	60.0	45.3	67.9

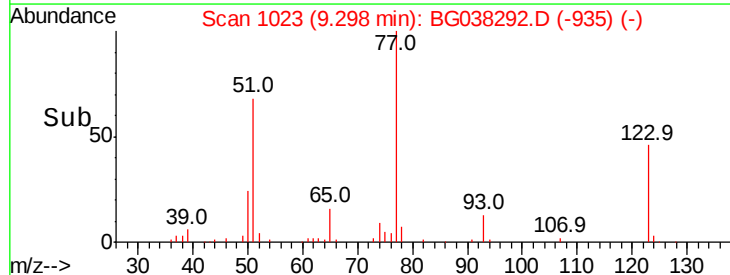
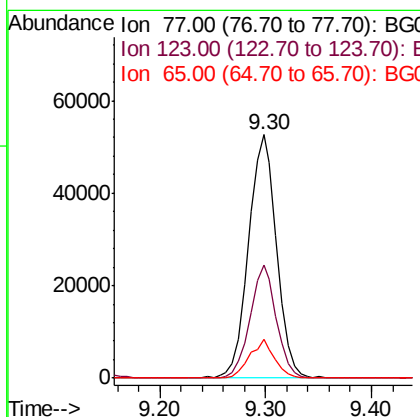
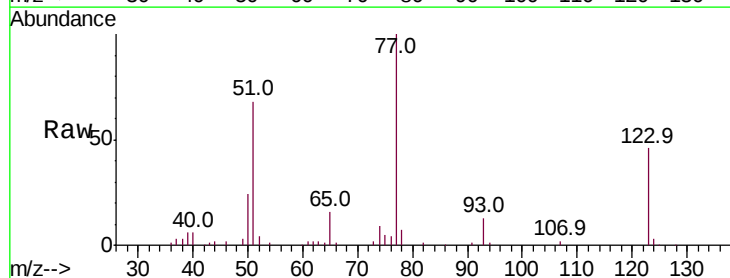
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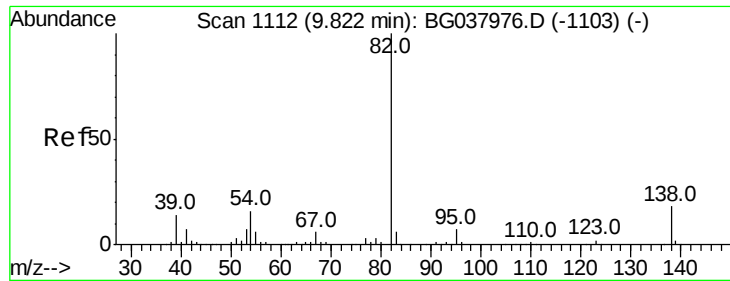
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#24
Nitrobenzene
Concen: 41.520 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.6	50.4
65	15.7	11.3	16.9





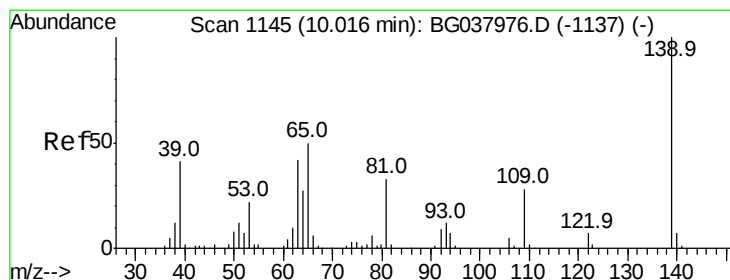
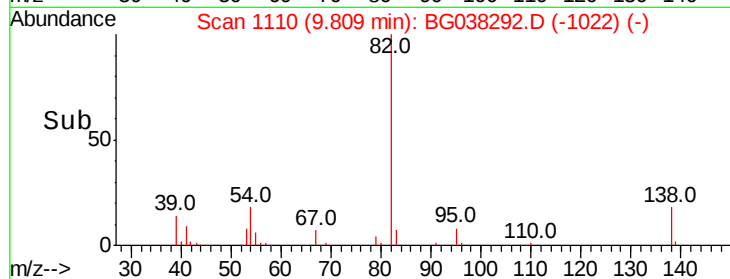
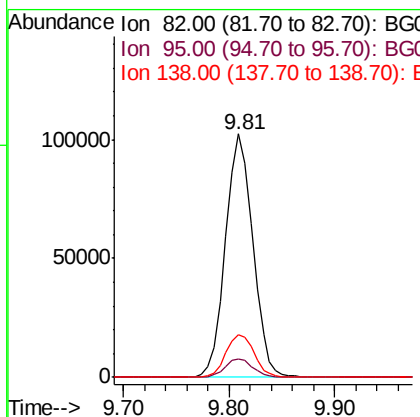
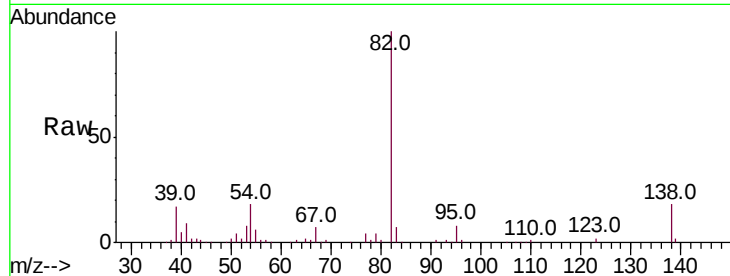
#25
Isophorone
Concen: 44.565 ng
RT: 9.81 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	183574		
95	7.5		5.3	7.9
138	17.5		13.3	19.9

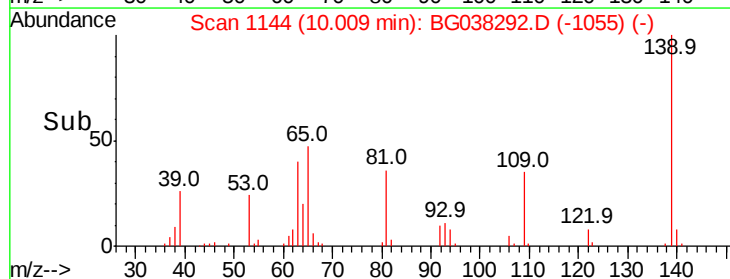
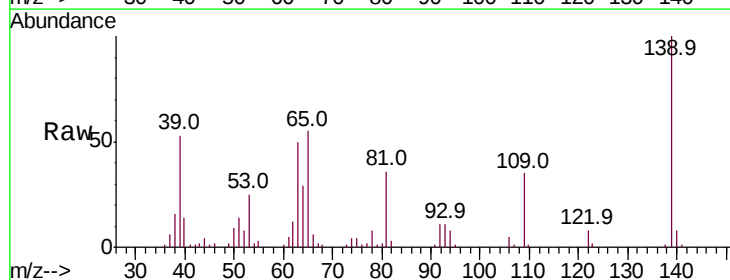
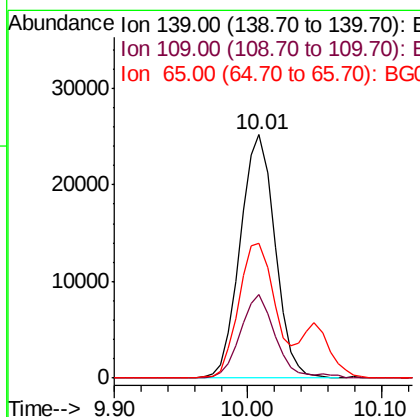
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12/3/2018 5:13:25 PM



#26
2-Nitrophenol
Concen: 38.830 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	45383		
109	34.6		23.3	34.9
65	55.3		39.8	59.8





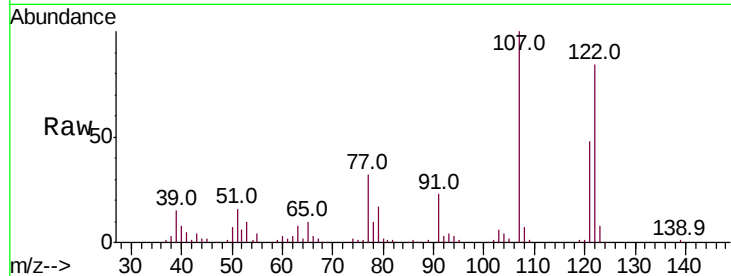
#27
2,4-Dimethylphenol
Concen: 49.018 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

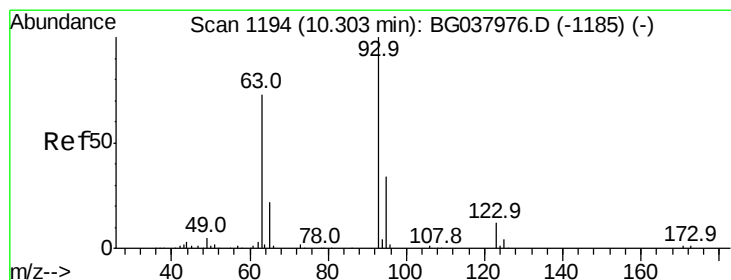
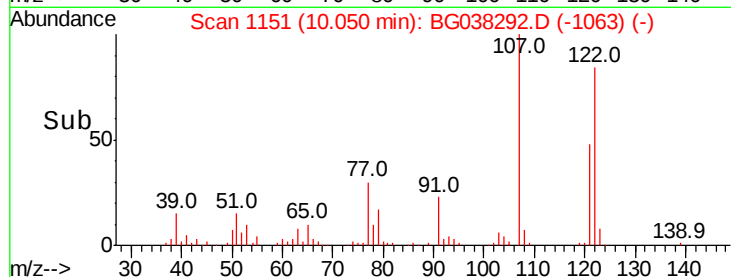
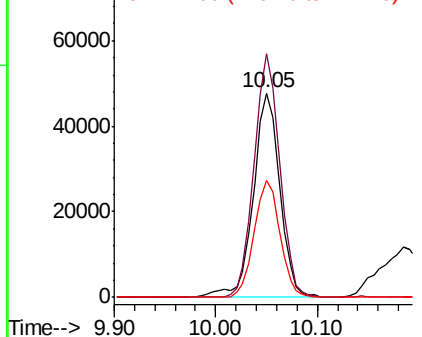
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	94.2	141.2
121	57.2	47.3	70.9

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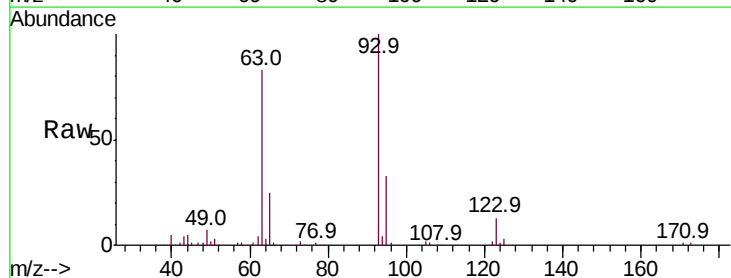


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

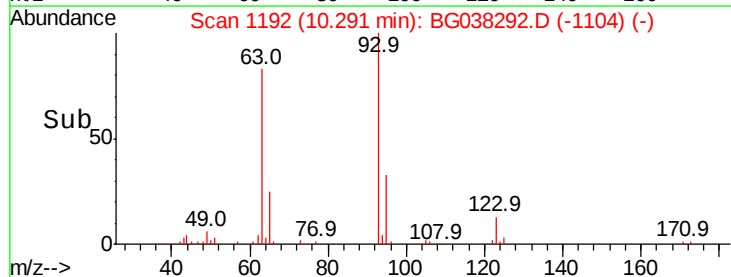
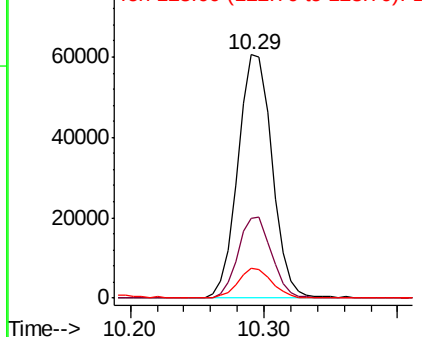


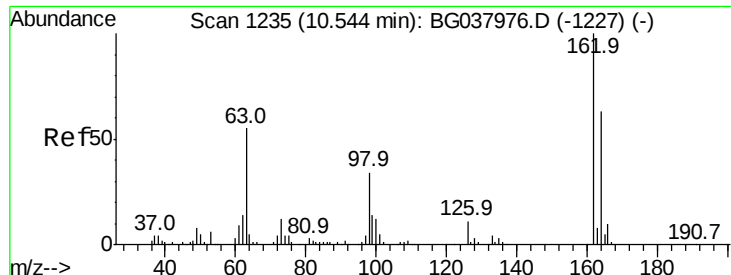
#28
bis(2-Chloroethoxy)methane
Concen: 40.811 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	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





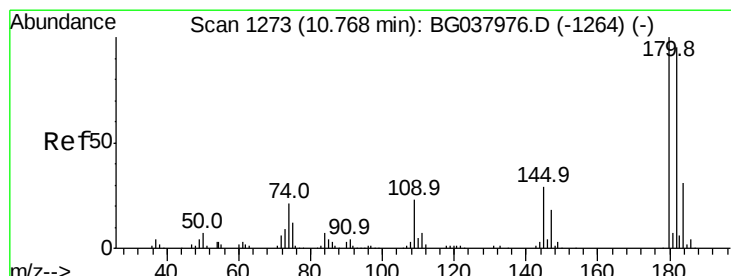
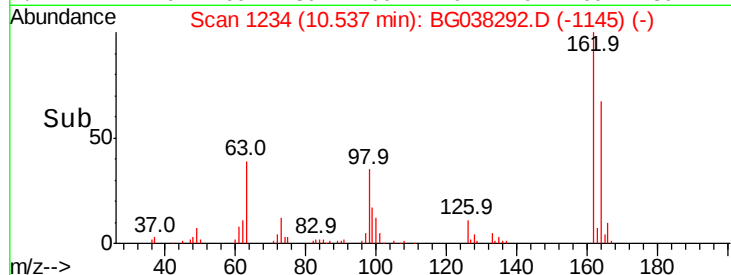
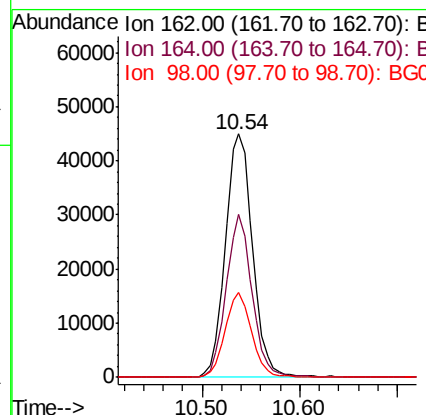
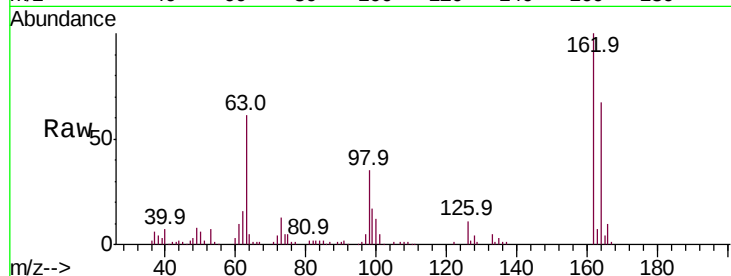
#29
2,4-Dichlorophenol
Concen: 43.700 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	67.1	43.2	83.2	
98	34.7	16.0	56.0	

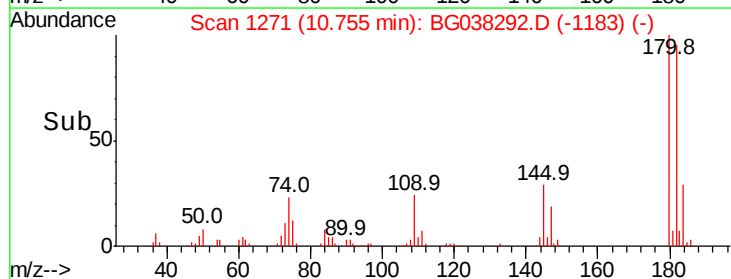
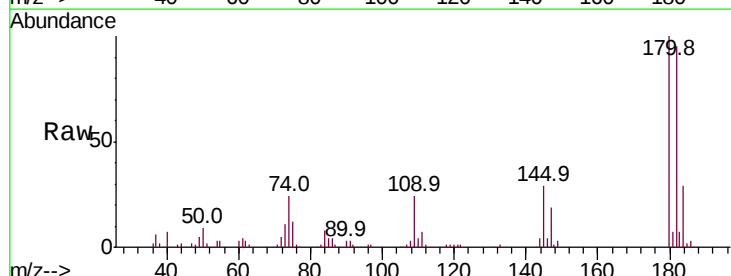
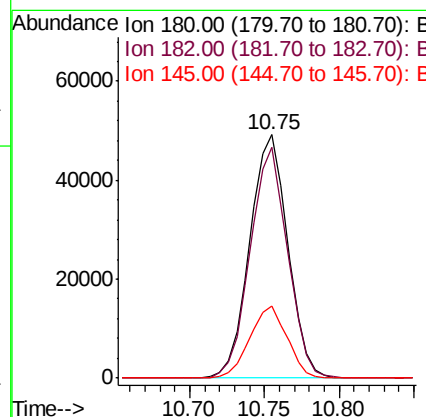
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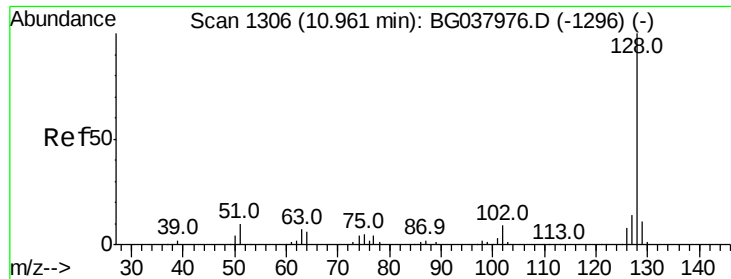
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#30
1,2,4-Trichlorobenzene
Concen: 38.978 ng
RT: 10.75 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	77.7	116.5	
145	29.4	23.3	34.9	





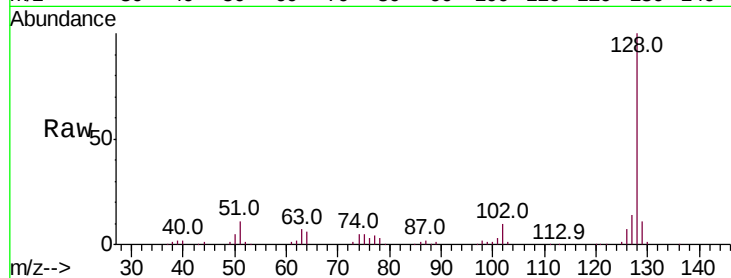
#31
Naphthalene
Concen: 42.397 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.6	11.1	16.7

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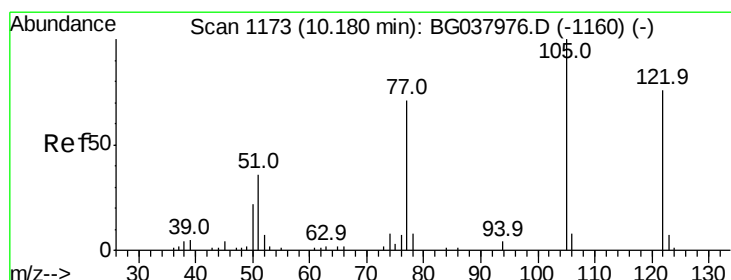
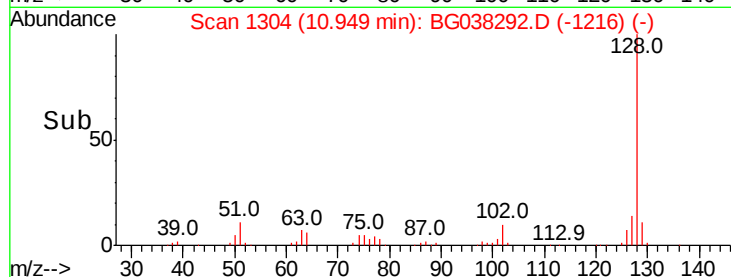
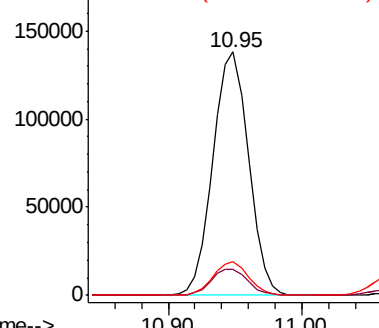


Abundance

Ion 128.00 (127.70 to 128.70): E

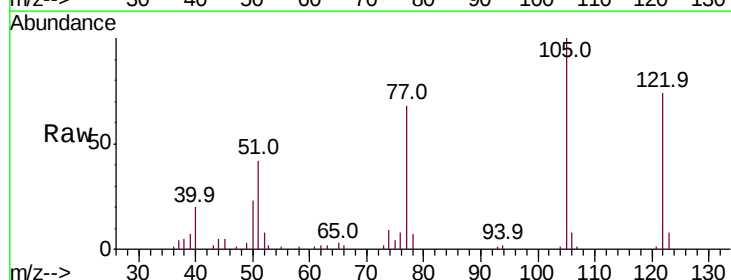
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.258 ng
RT: 10.18 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.4	106.7	146.7
77	91.7	72.2	112.2

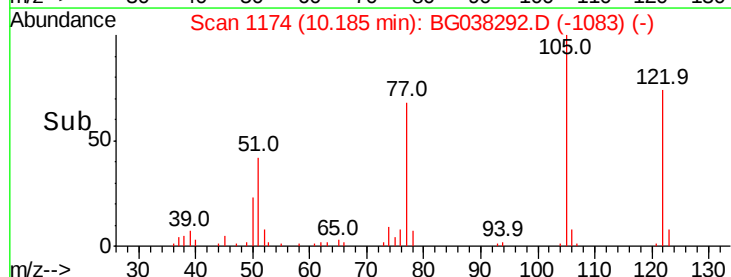
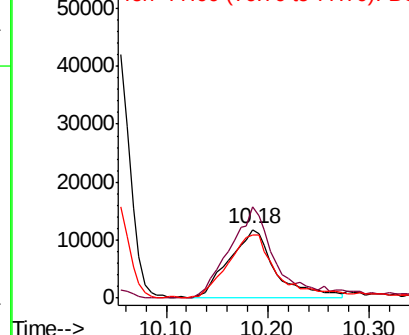


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





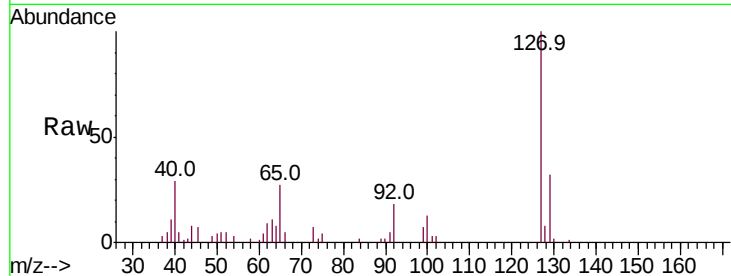
#33
4-Chloroaniline
Concen: 7.975 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

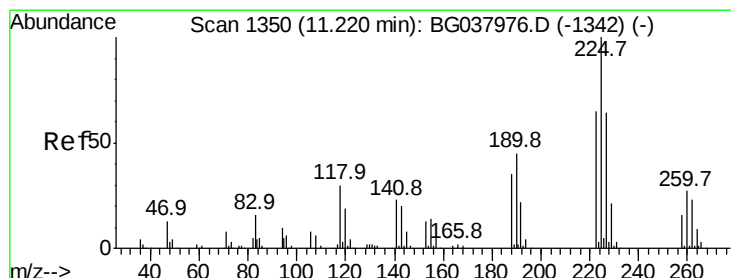
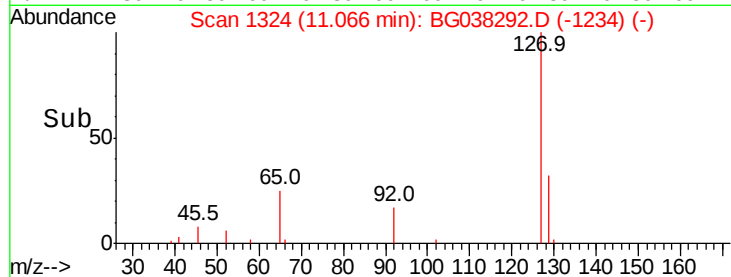
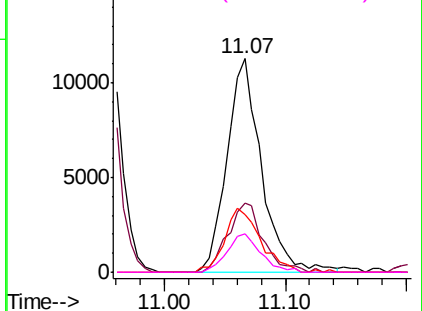
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.1	40.7
65	26.9	26.6	39.8
92	18.2	16.4	24.6

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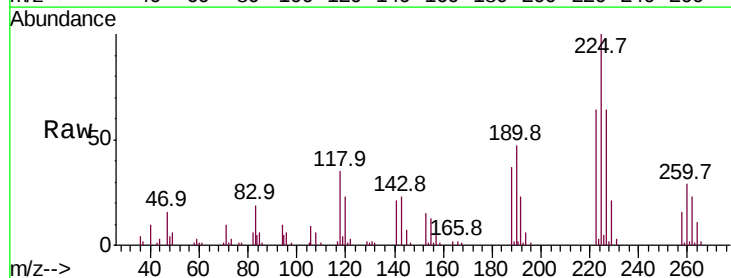


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

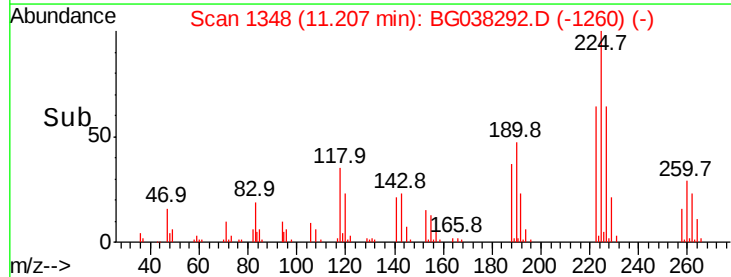
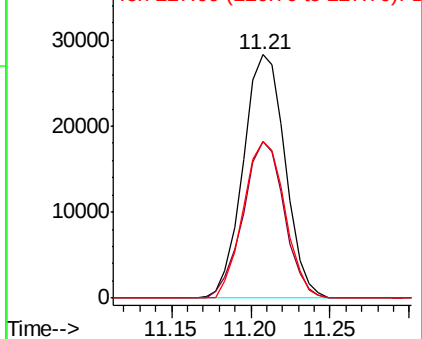


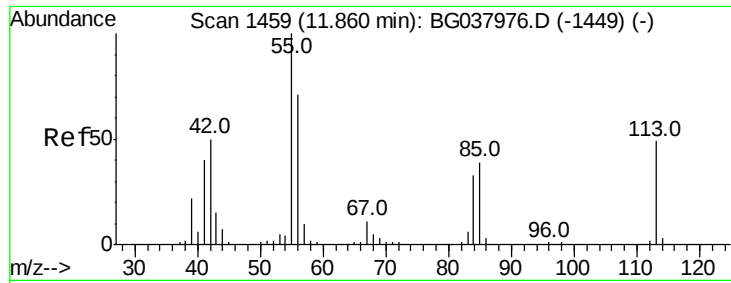
#34
Hexachlorobutadiene
Concen: 38.168 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	48.2	72.4
227	62.8	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: 42.389 ng/mL

RT: 11.84 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

ClientSampleID :

PB115213BS

Tot Ion:113 Resp: 33607

Ion Ratio Lower Upper

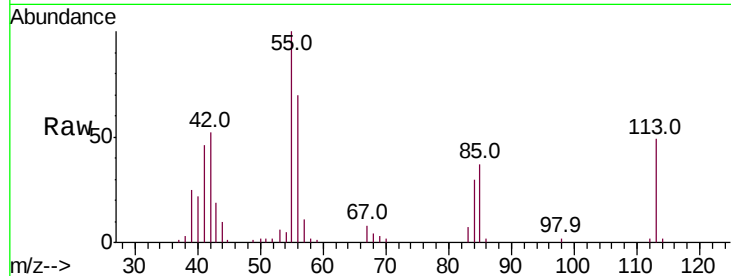
113 100

55 202.5 176.6 216.6

56 142.3 128.3 168.3

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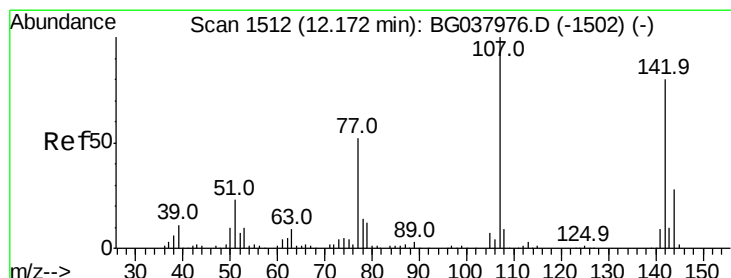
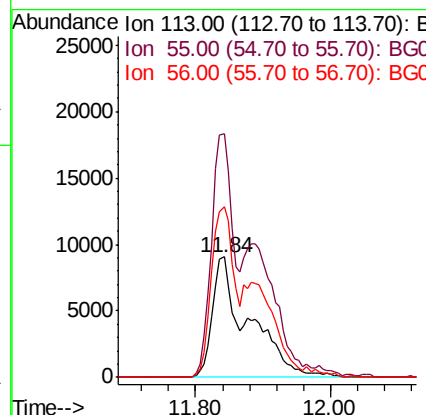
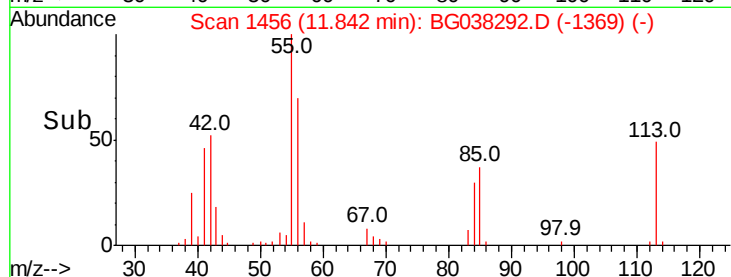
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037976.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG037976.D (-1449) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.648 ng/mL

RT: 12.16 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

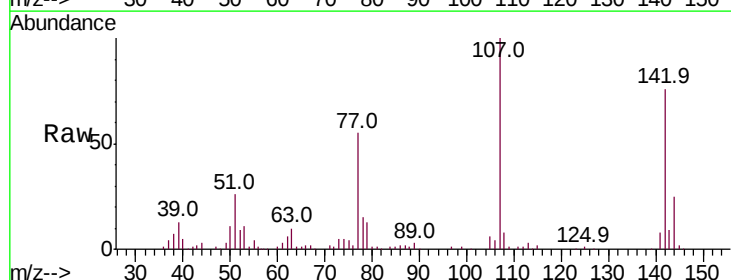
Tgt Ion:107 Resp: 96617

Ion Ratio Lower Upper

107 100

144 25.4 20.7 31.1

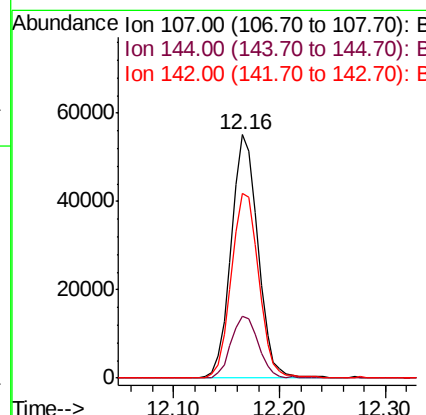
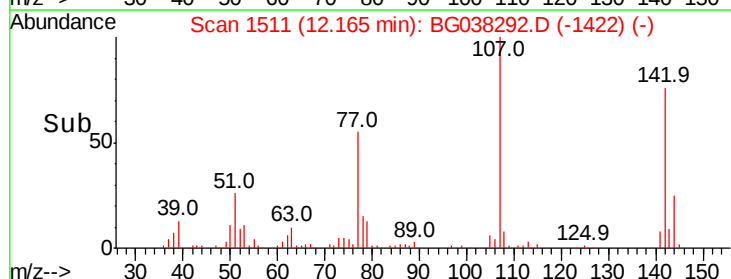
142 75.9 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





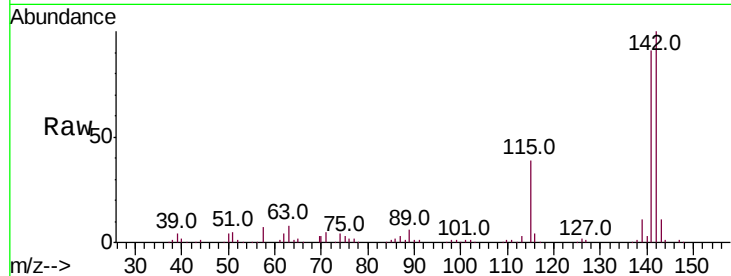
#37
2-Methylnaphthalene
Concen: 43.561 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.9	107.9
115	38.6	27.8	41.8

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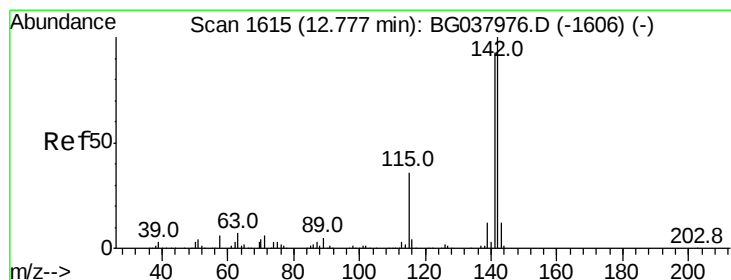
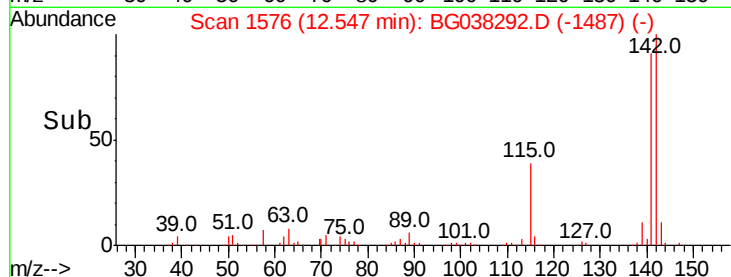
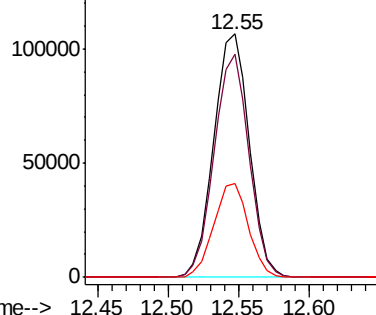


Abundance

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: 43.147 ng
RT: 12.76 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

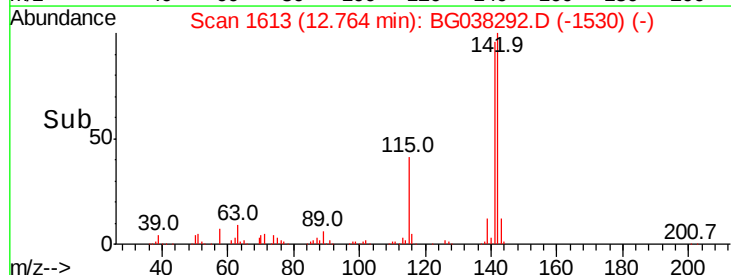
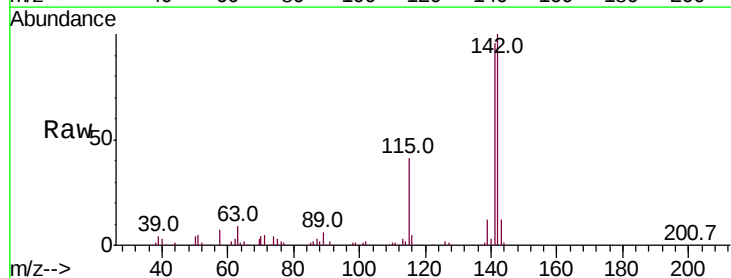
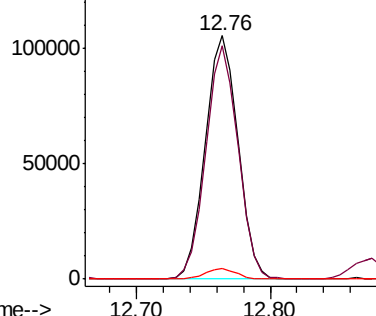
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.2	112.8
116	4.5	3.3	4.9

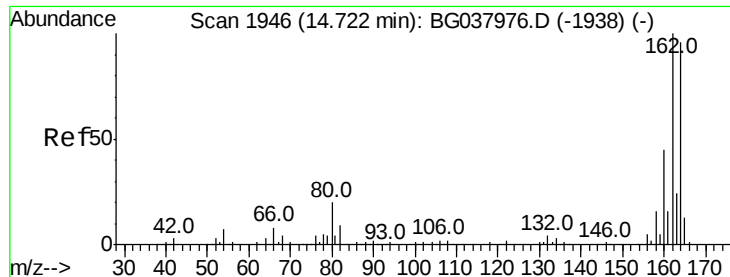
Abundance

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





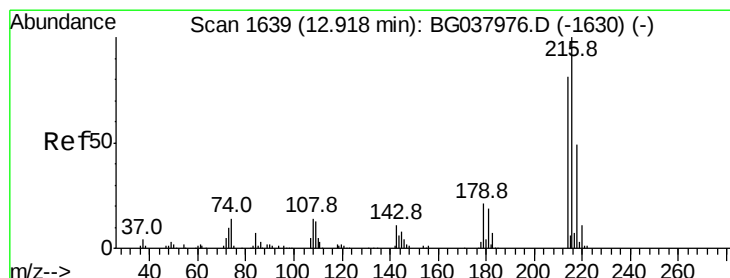
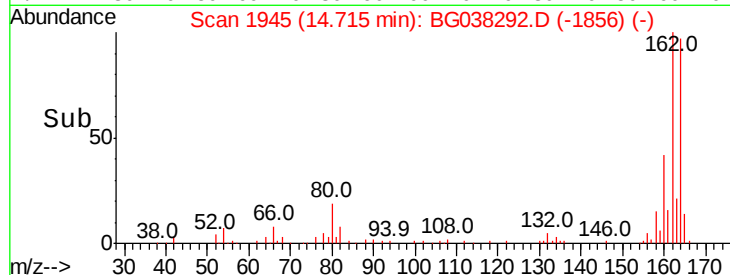
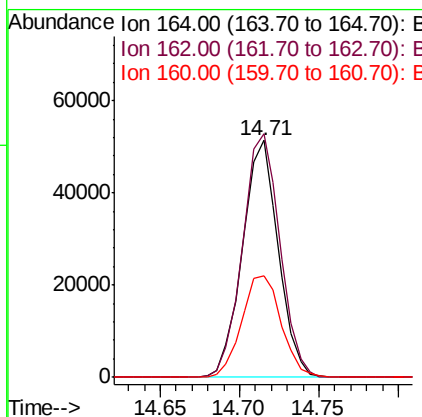
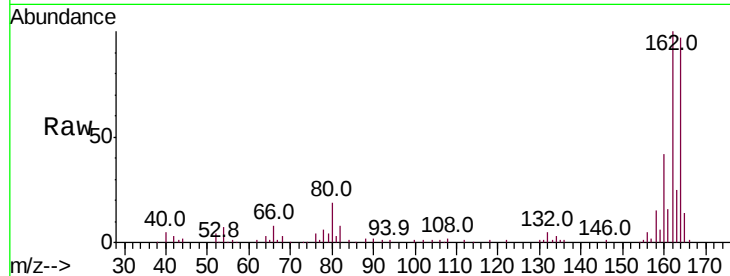
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.3	121.9
160	42.9	36.3	54.5

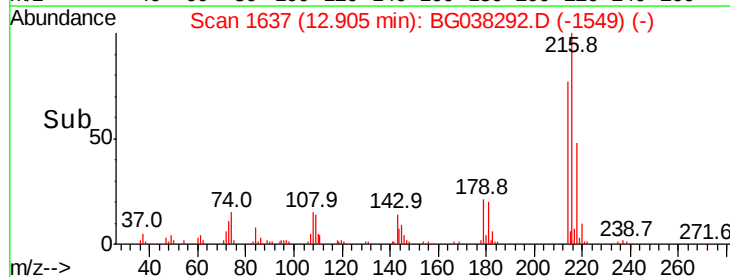
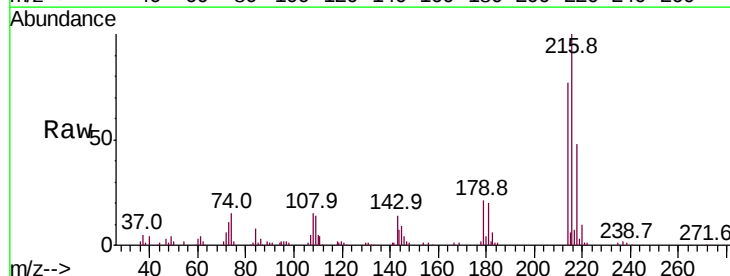
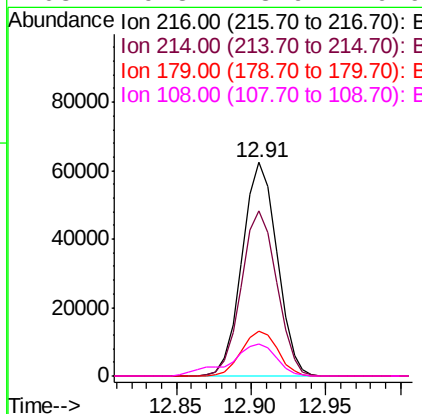
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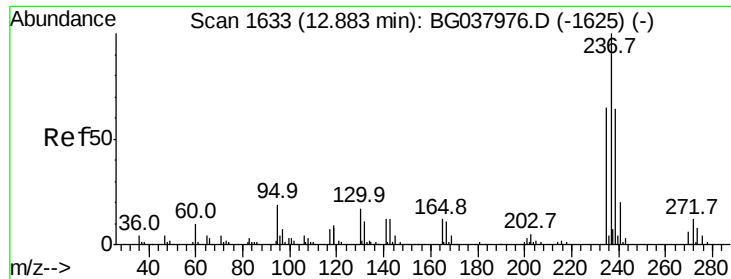
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.585 ng
RT: 12.91 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.6
179	21.6	17.4	26.0
108	19.8	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 88.395 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

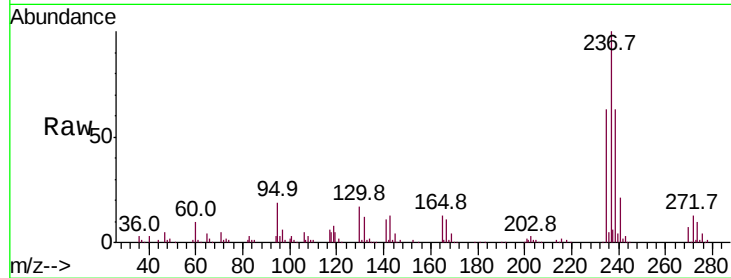
ClientSampleId :

PB115213BS

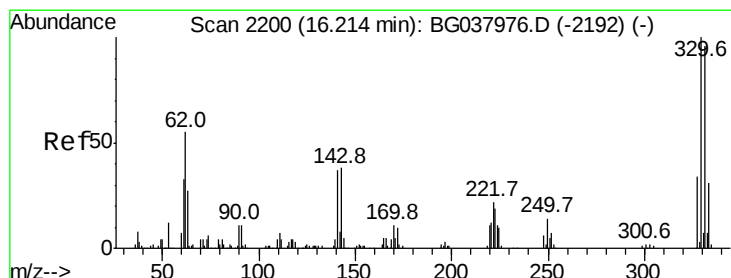
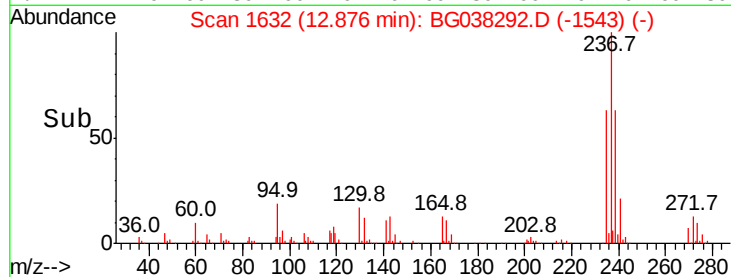
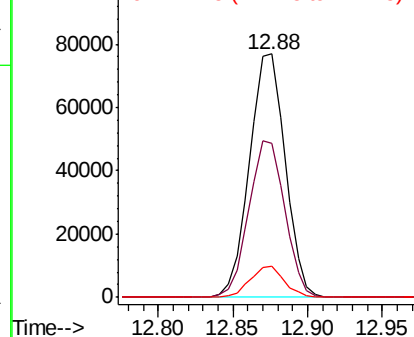
Tot Ion:	237	Resp:	127412
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.5	82.5
272	12.8	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 126.552 ng

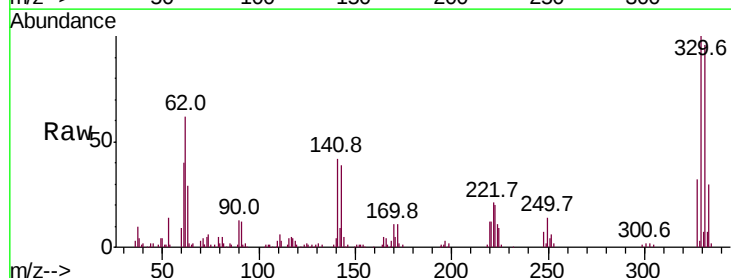
RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

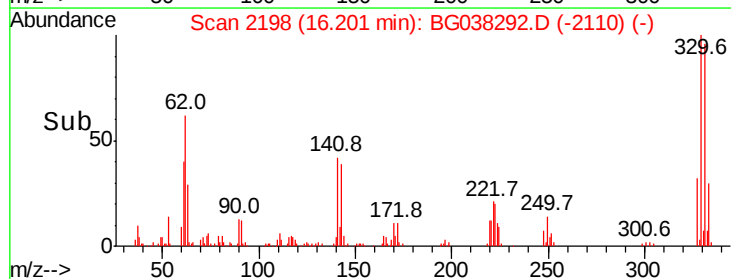
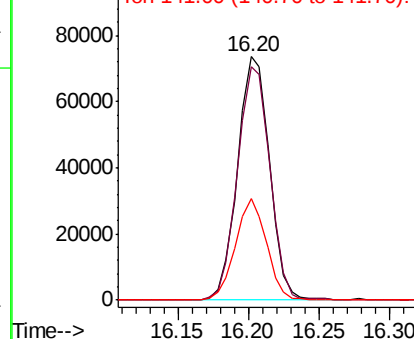
Lab File: BG038292.D

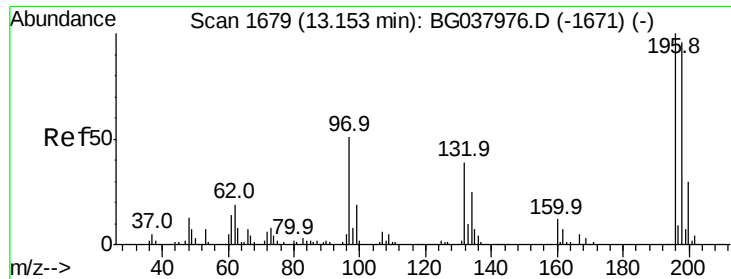
Acq: 1 Dec 2018 18:06

Tgt Ion:	330	Resp:	116265
Ion Ratio	Lower	Upper	
330	100		
332	97.2	78.4	117.6
141	40.3	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





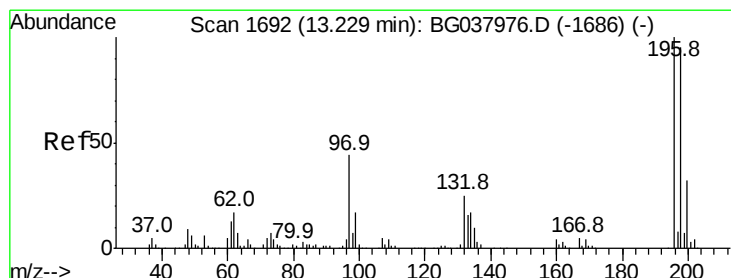
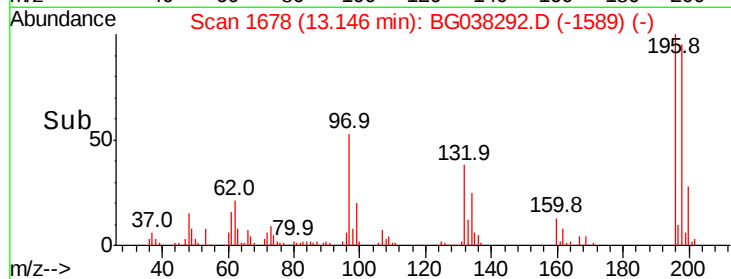
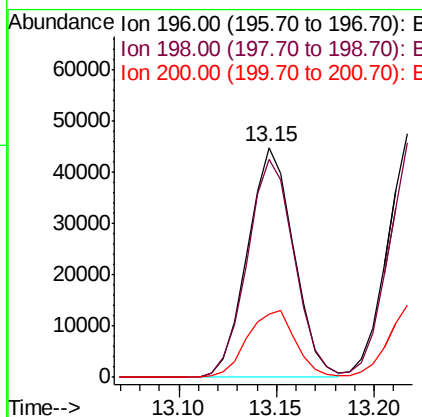
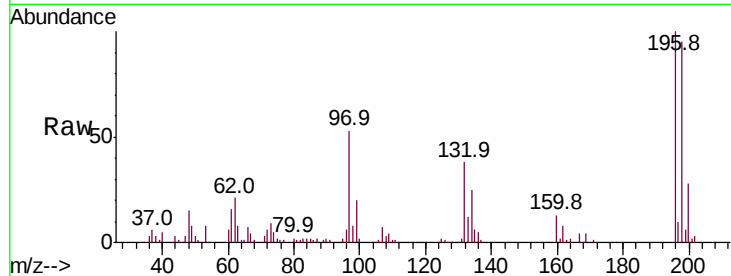
#43
 2,4,6-Trichlorophenol
 Concen: 40.064 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.4	114.6
200	27.7	24.9	37.3

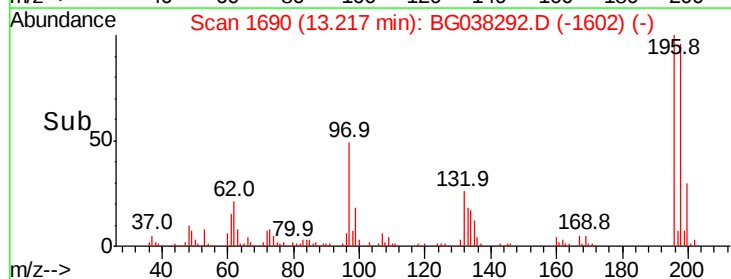
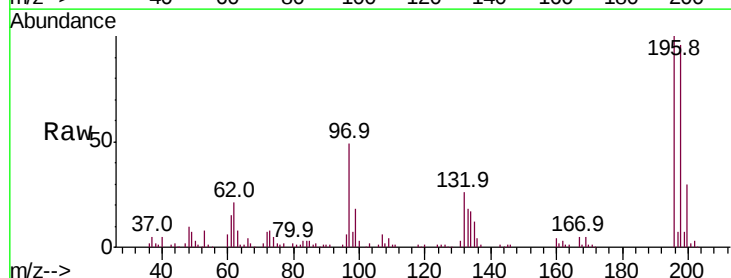
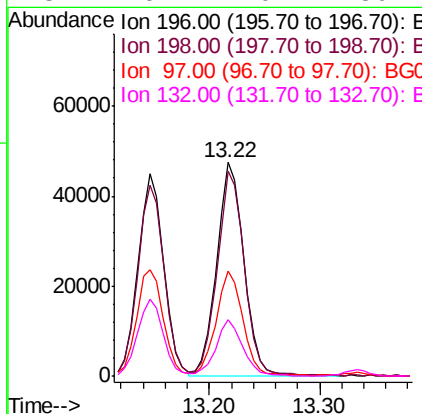
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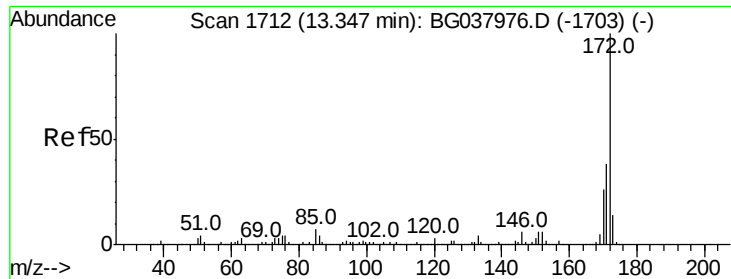
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#44
 2,4,5-Trichlorophenol
 Concen: 42.461 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.2	111.2
97	49.1	34.1	51.1
132	26.4	20.2	30.4





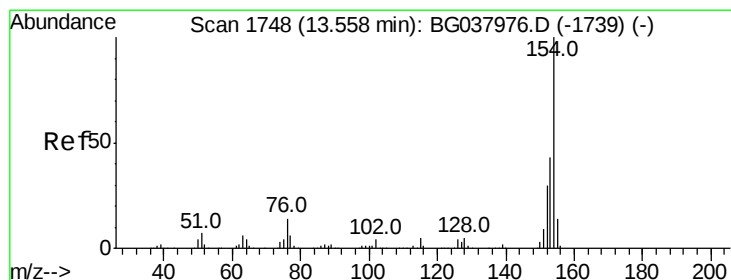
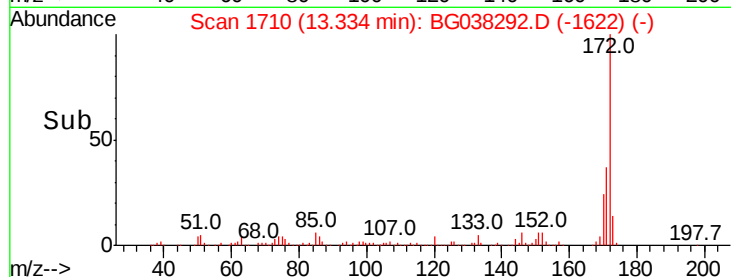
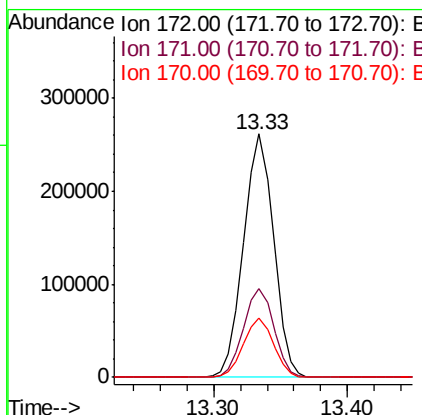
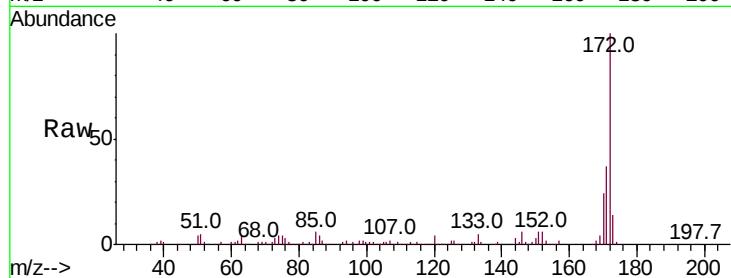
#45
2-Fluorobiphenyl
Concen: 73.668 ng
RT: 13.33 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.0	46.4
170	24.4	20.2	30.2

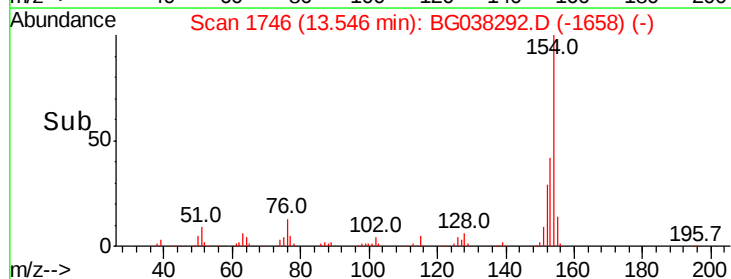
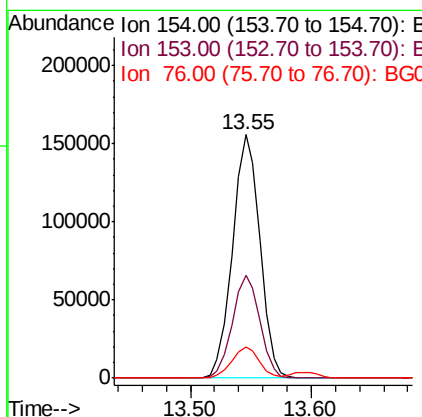
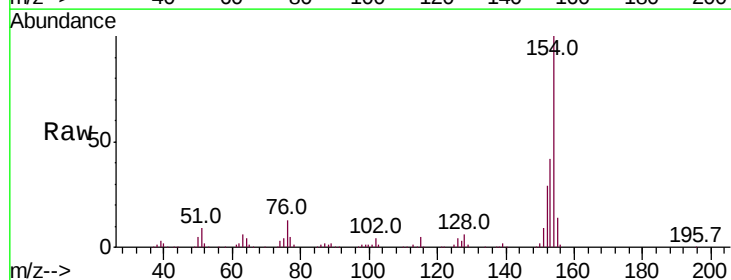
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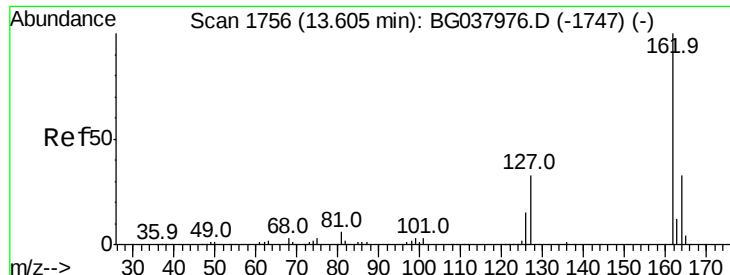
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#46
1,1'-Biphenyl
Concen: 36.272 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	12.7	0.0	33.2





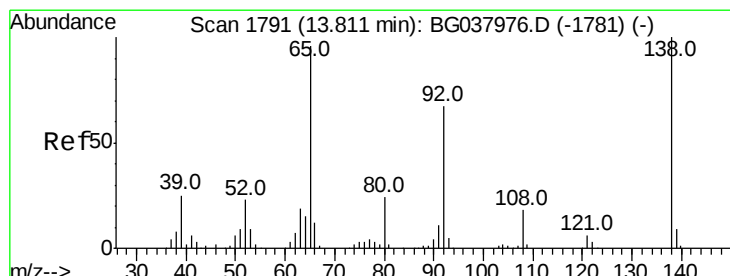
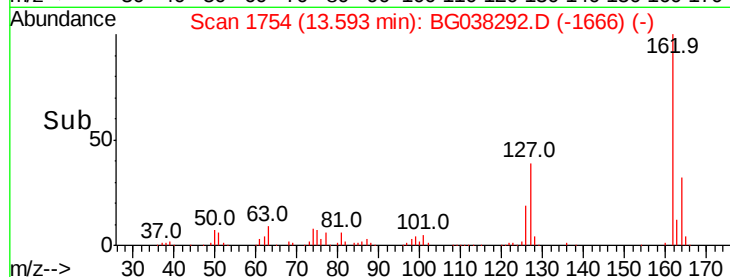
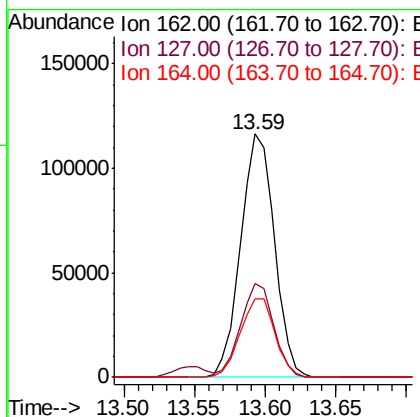
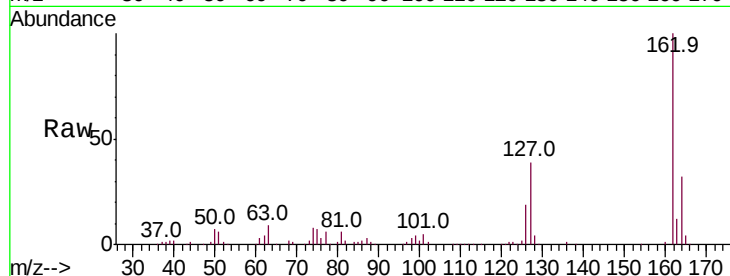
#47
 2-Chloronaphthalene
 Concen: 37.789 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	195151		
127	38.6	30.5	45.7	
164	32.4	26.4	39.6	

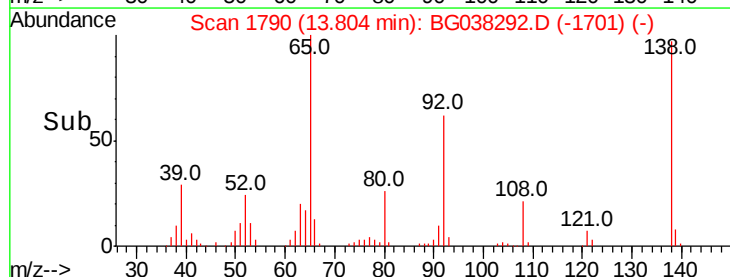
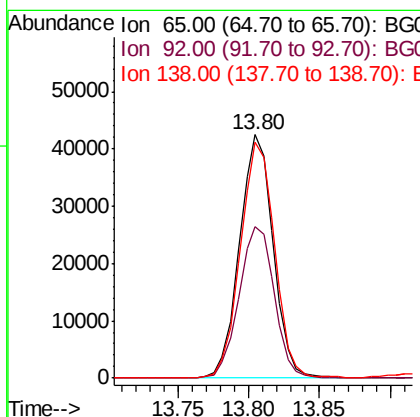
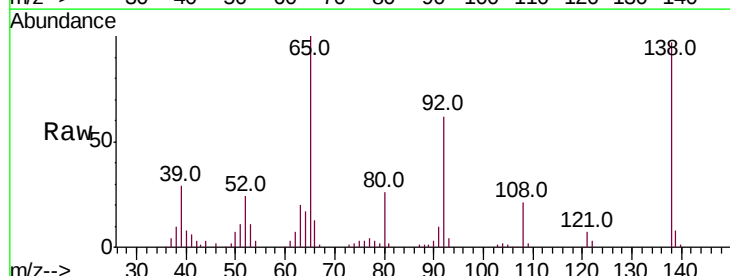
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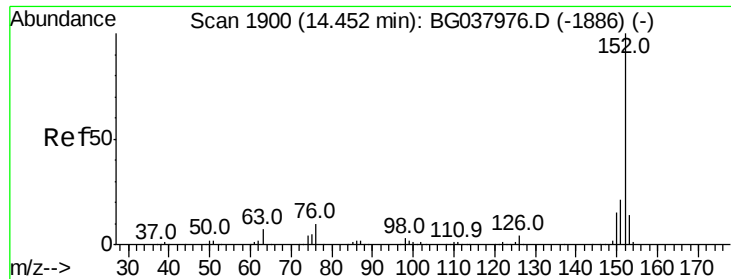
mohammad
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#48
 2-Nitroaniline
 Concen: 43.429 ng
 RT: 13.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	70586		
92	62.3	53.2	79.8	
138	96.7	79.3	118.9	





#49

Acenaphthylene

Concen: 42.584 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

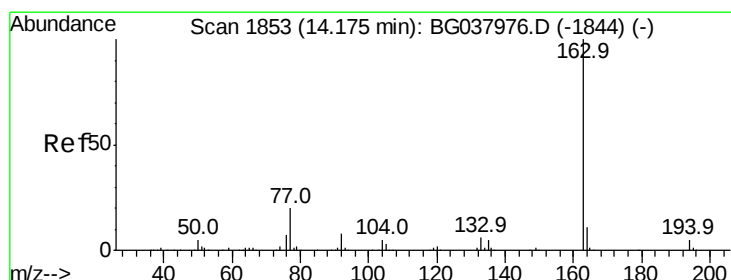
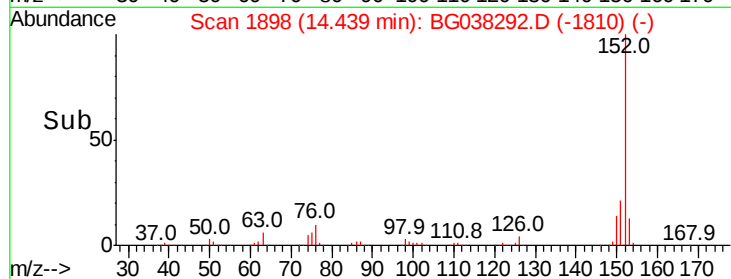
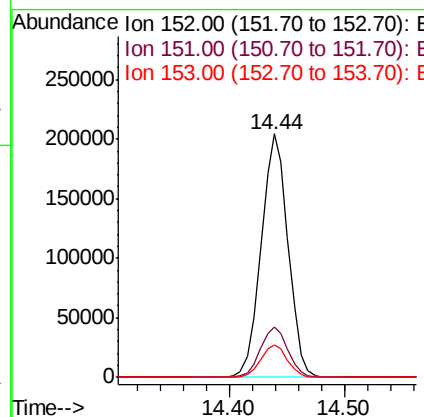
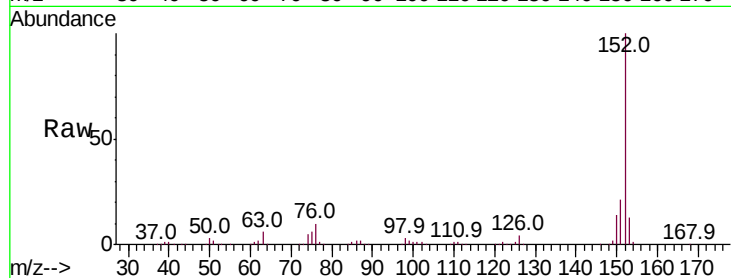
ClientSampled :

PB115213BS

Tot Ion:	152	Resp:	330696
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	13.2	11.1	16.7

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#50

Dimethylphthalate

Concen: 41.815 ng

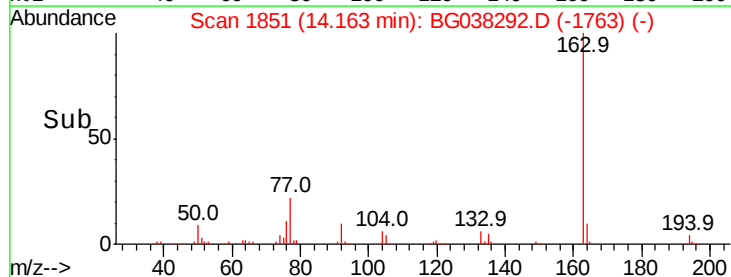
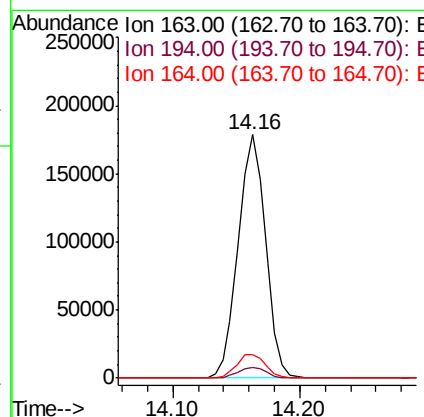
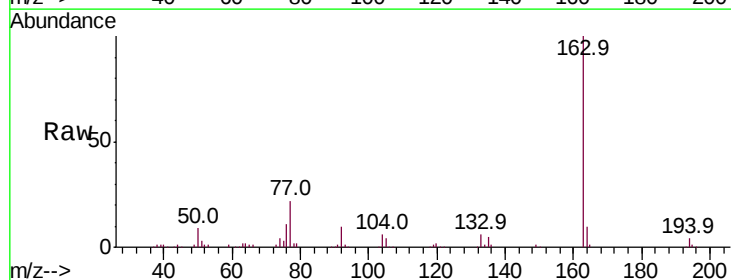
RT: 14.16 min Scan# 1851

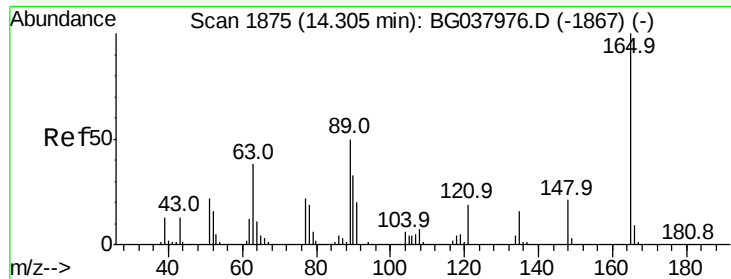
Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tgt Ion:	163	Resp:	267038
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	9.9	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 42.276 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

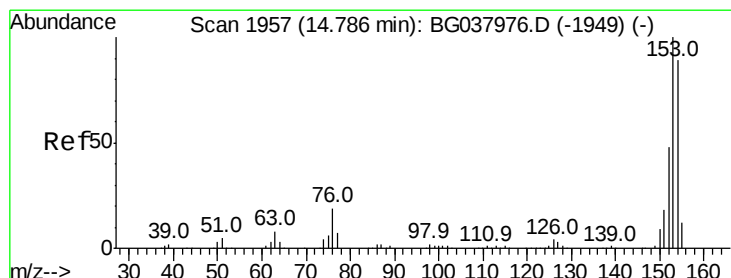
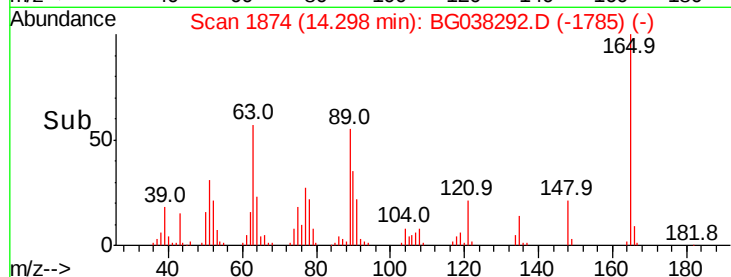
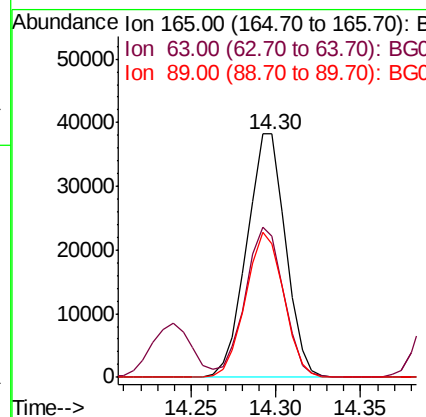
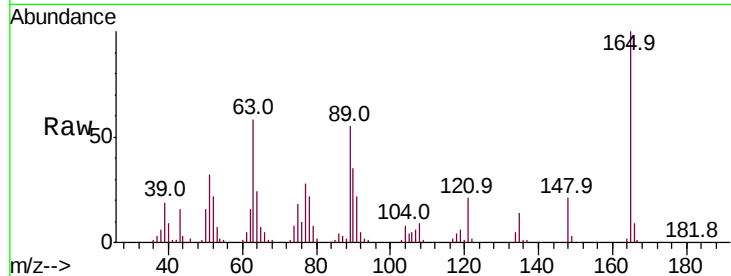
ClientSampleId :

PB115213BS

Tot Ion:	165	Resp:	61105
Ion Ratio	Lower	Upper	
165	100		
63	58.1	43.4	65.2
89	54.6	45.8	68.6

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#52

Acenaphthene

Concen: 40.266 ng

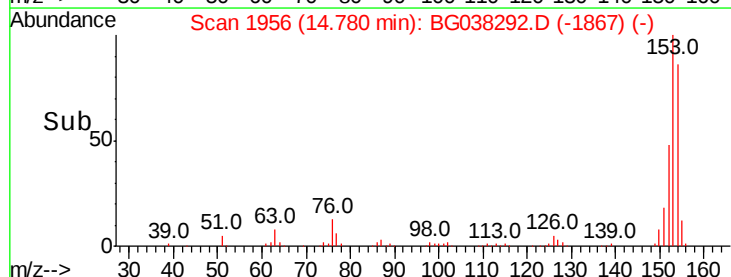
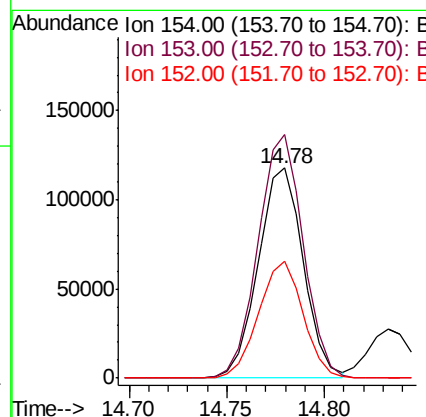
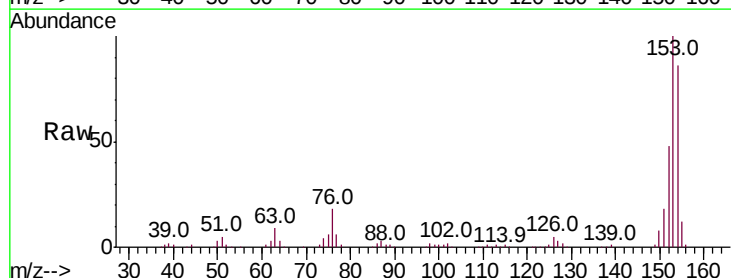
RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tgt Ion:	154	Resp:	188250
Ion Ratio	Lower	Upper	
154	100		
153	116.0	93.4	140.0
152	55.6	44.7	67.1





#53

3-Nitroaniline

Concen: 10.353 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

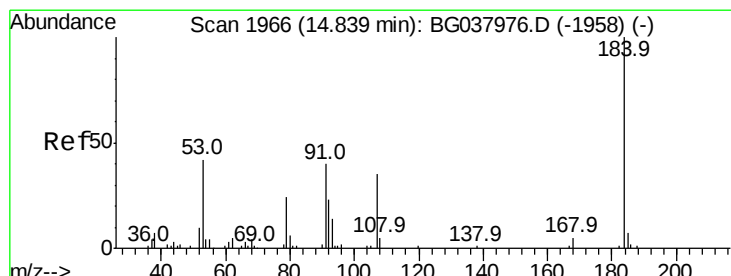
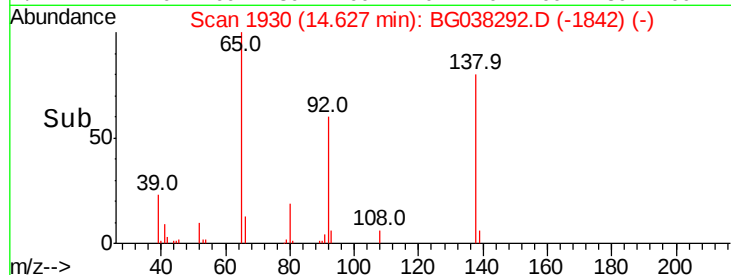
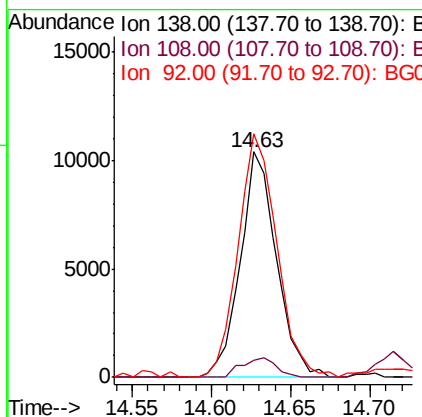
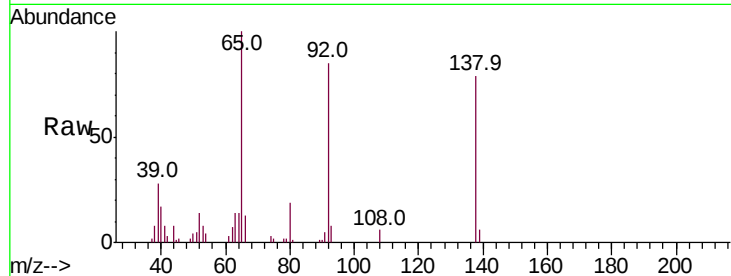
ClientSampleId :

PB115213BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	7.6	11.0	16.6#
92	108.1	95.2	142.8

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#54

2,4-Dinitrophenol

Concen: 90.374 ng

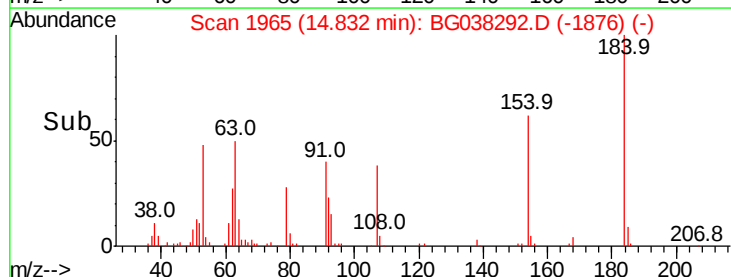
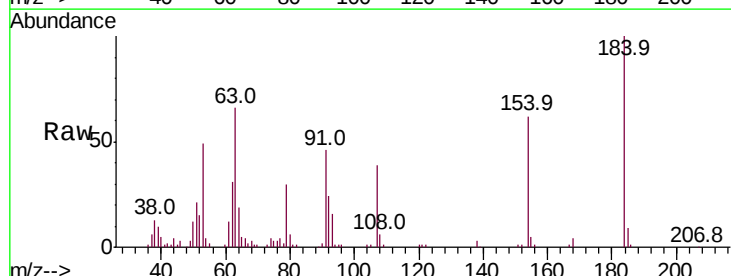
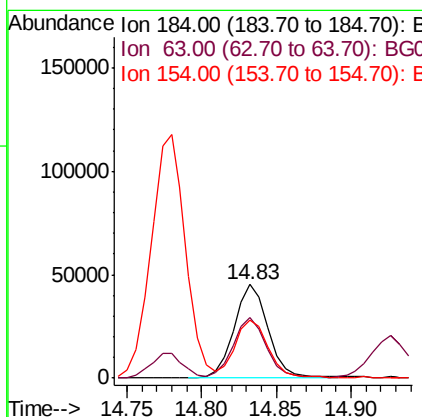
RT: 14.83 min Scan# 1965

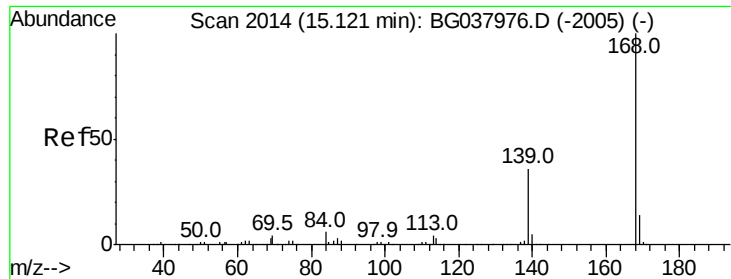
Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.6	42.6	63.8#
154	61.6	41.8	62.6





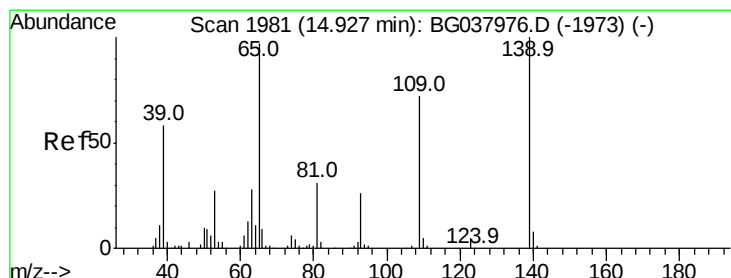
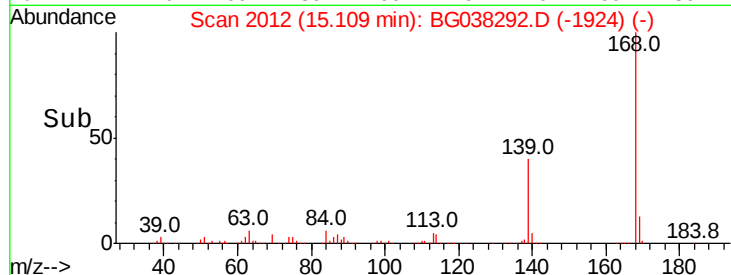
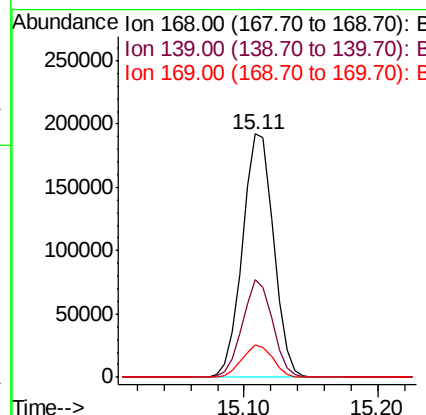
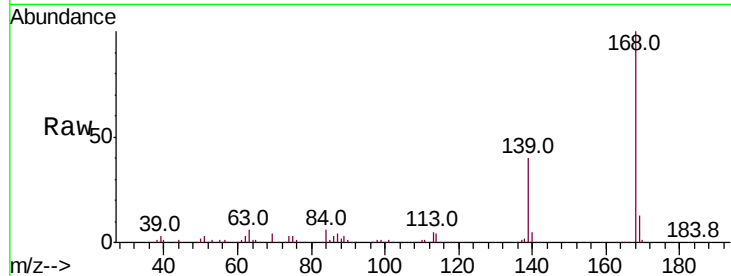
#55
Dibenzofuran
Concen: 40.005 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleID :
PB115213BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.9	29.4	44.0	
169	13.3	11.0	16.6	

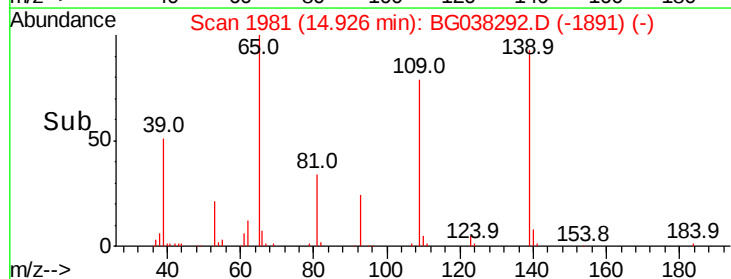
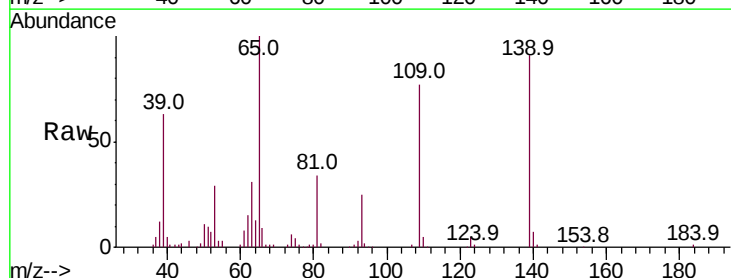
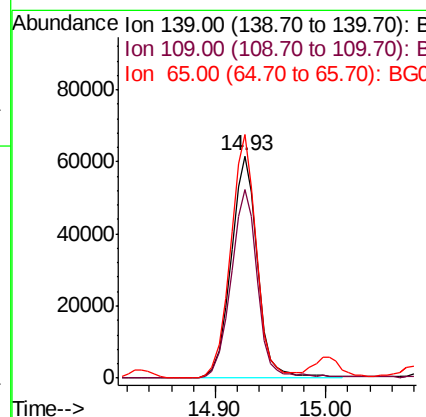
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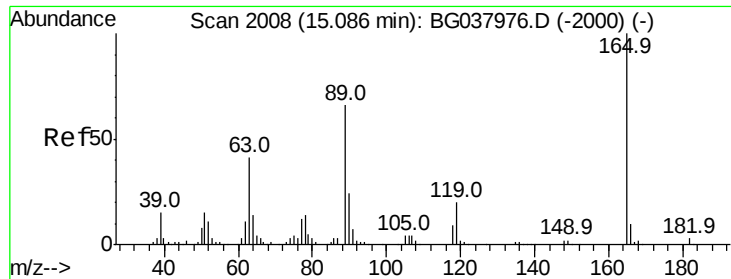
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#56
4-Nitrophenol
Concen: 84.044 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	85.0	49.5	89.5	
65	109.7	76.8	116.8	





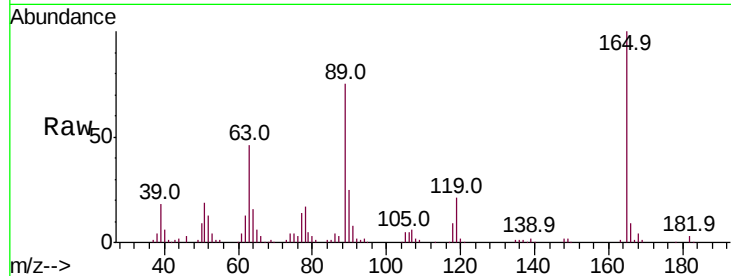
#57
2,4-Dinitrotoluene
Concen: 44.543 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

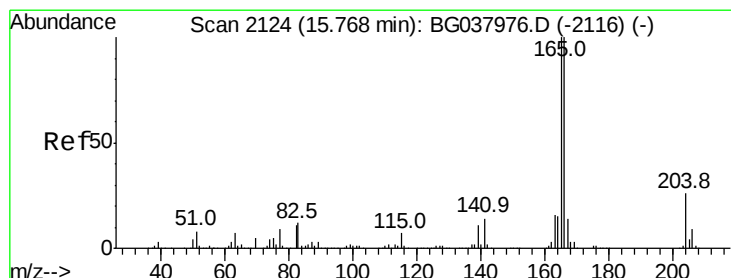
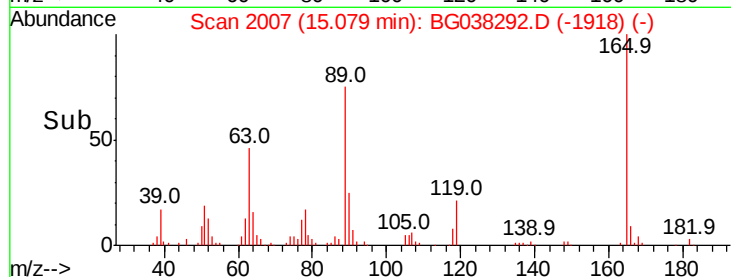
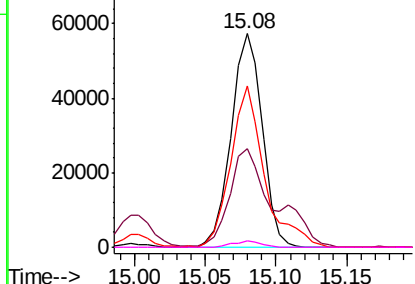
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.2	33.4	50.0	
89	75.3	57.2	85.8	
182	2.8	2.6	4.0	

Manual Integrations
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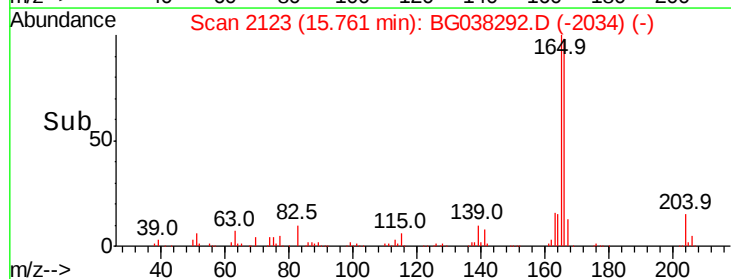
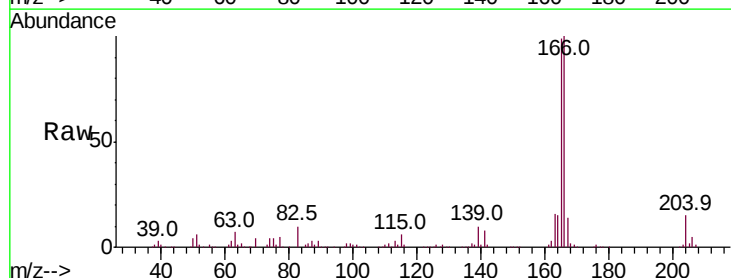
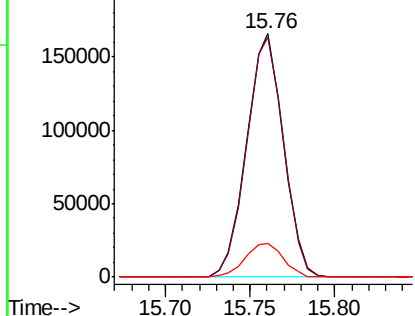
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.573 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.6	79.0	118.6	
167	13.7	11.3	16.9	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





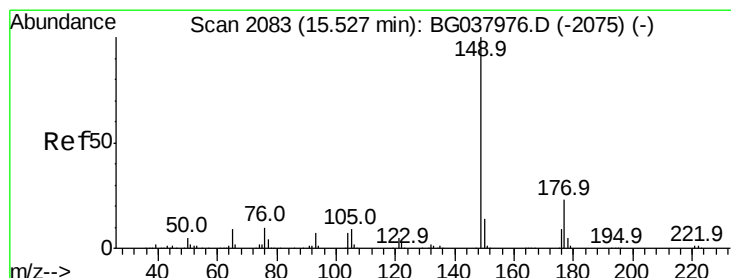
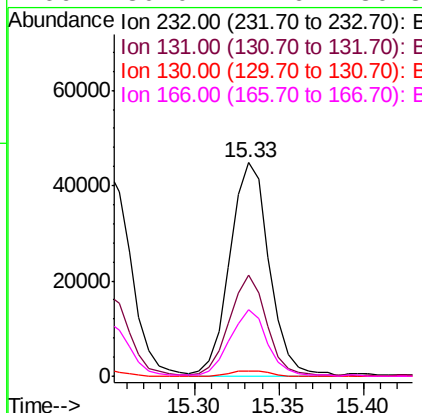
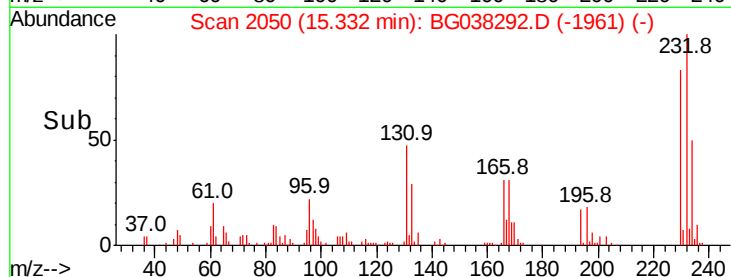
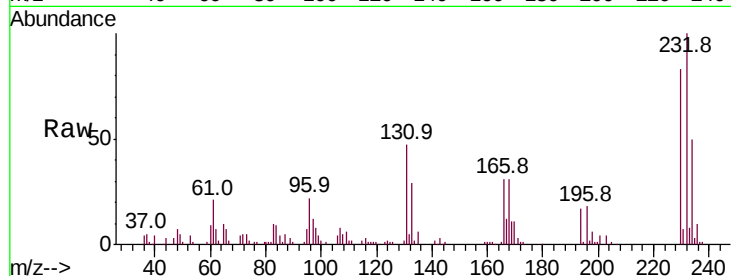
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.243 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	33.7	50.5
130	2.5	2.1	3.1
166	30.0	24.6	36.8

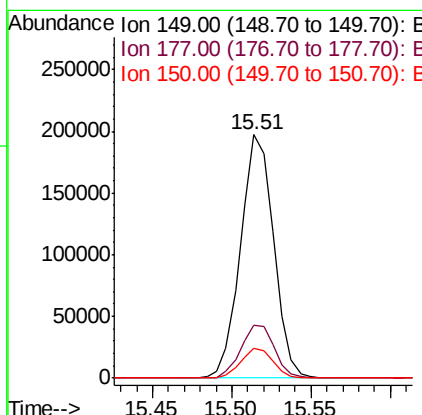
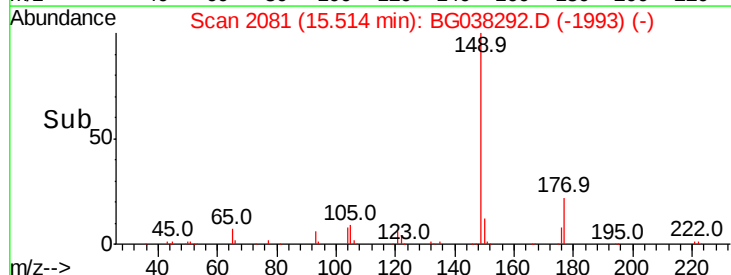
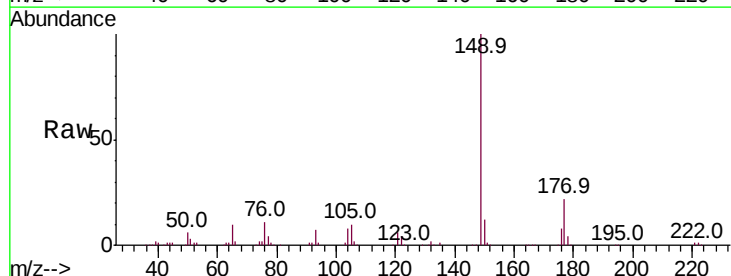
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#60
 Diethylphthalate
 Concen: 41.980 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.3	27.5
150	12.4	10.0	15.0





#61

4-Chlorophenyl-phenylether

Concen: 39.594 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

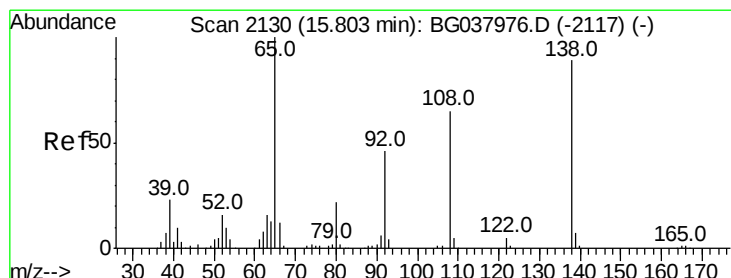
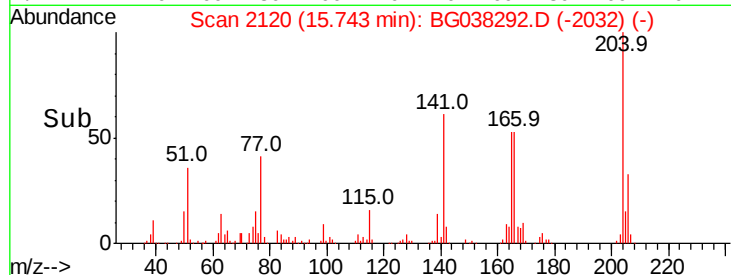
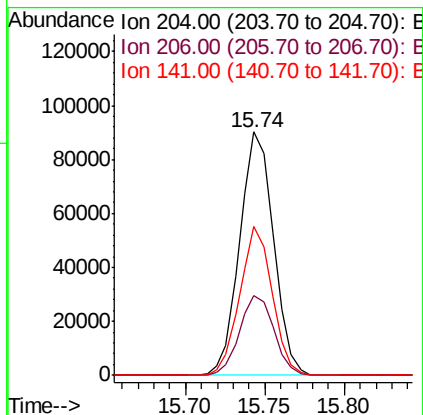
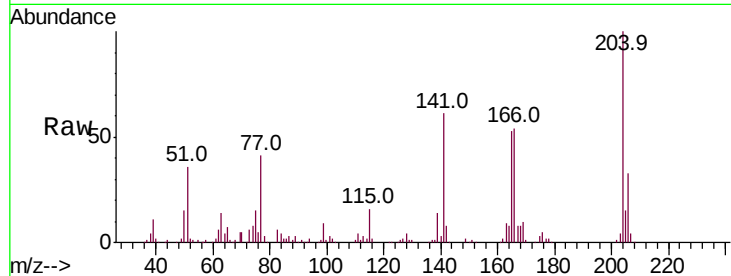
ClientSampleId :

PB115213BS

Tot Ion:	204	Resp:	133633
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.6	39.8
141	61.1	45.4	68.2

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#62

4-Nitroaniline

Concen: 41.058 ng

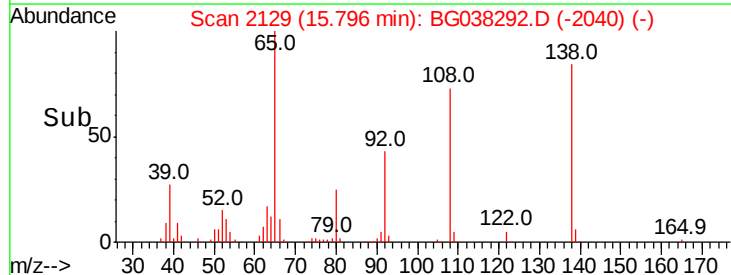
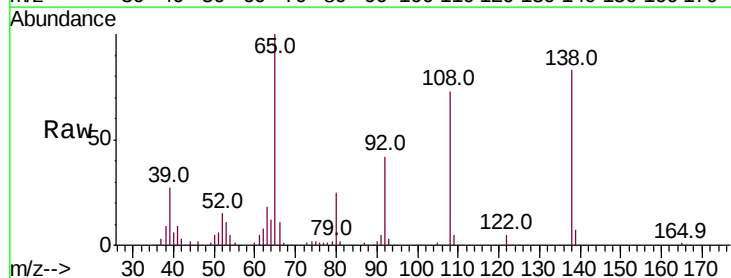
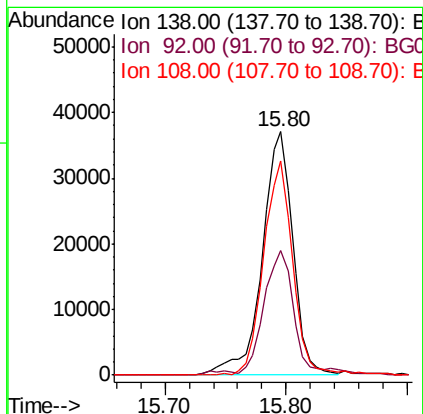
RT: 15.80 min Scan# 2129

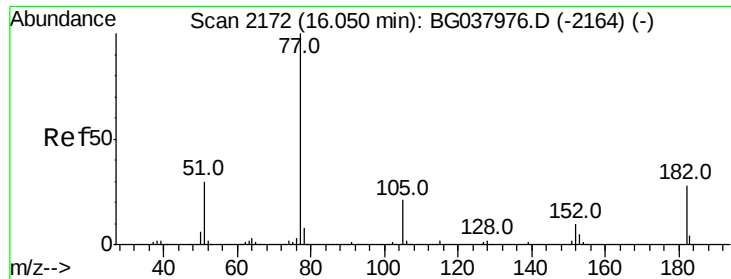
Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tgt Ion:	138	Resp:	65052
Ion Ratio	Lower	Upper	
138	100		
92	51.2	36.4	76.4
108	87.9	60.1	100.1





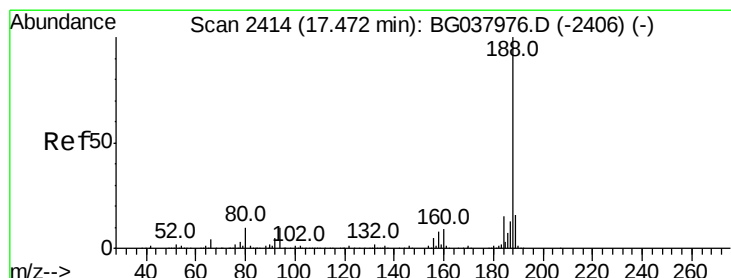
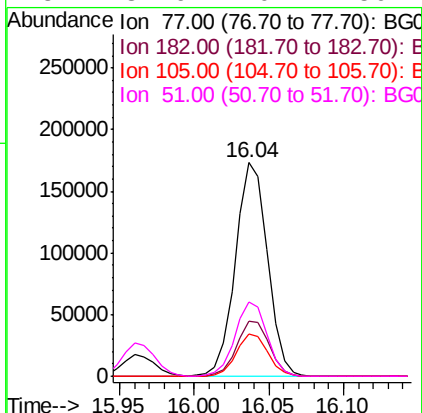
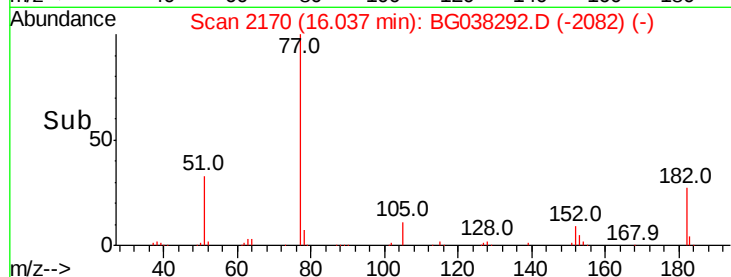
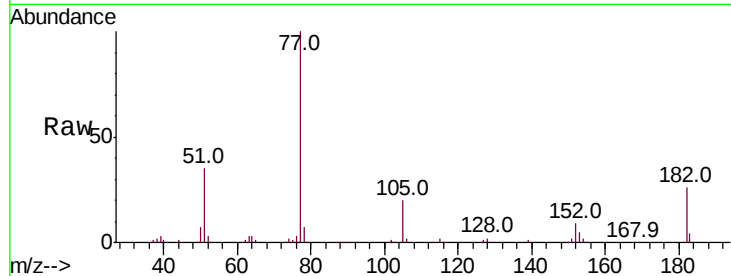
#63
Azobenzene
Concen: 42.635 ng
RT: 16.04 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	8.0	48.0
105	19.8	1.3	41.3
51	34.9	10.7	50.7

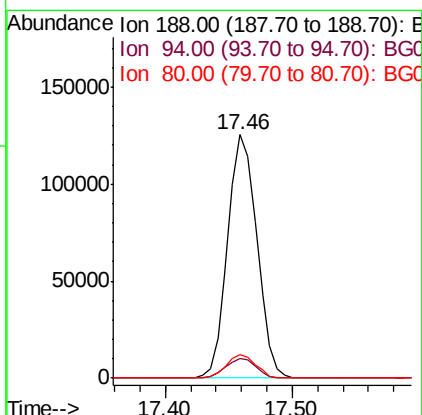
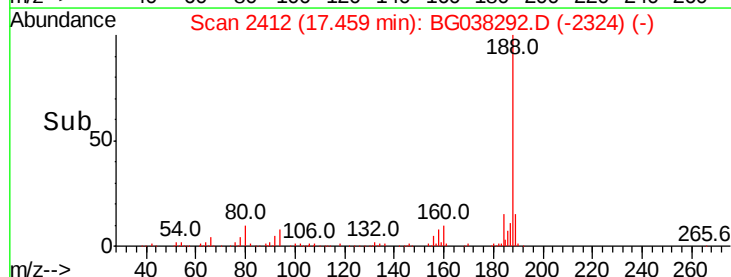
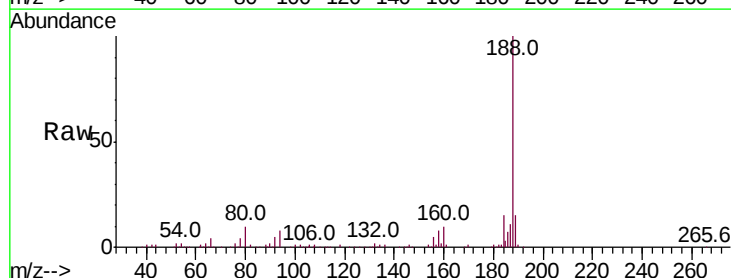
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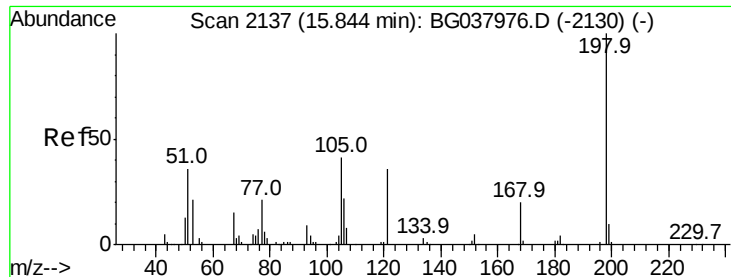
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.7	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 41.644 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

ClientSampleId :

PB115213BS

Tot Ion:198 Resp: 52700

Ion Ratio Lower Upper

198 100

51 50.6 22.7 62.7

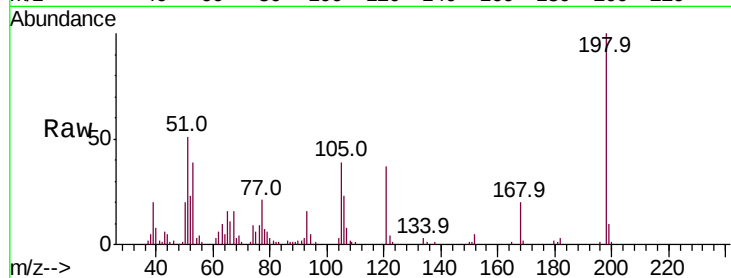
105 38.9 19.7 59.7

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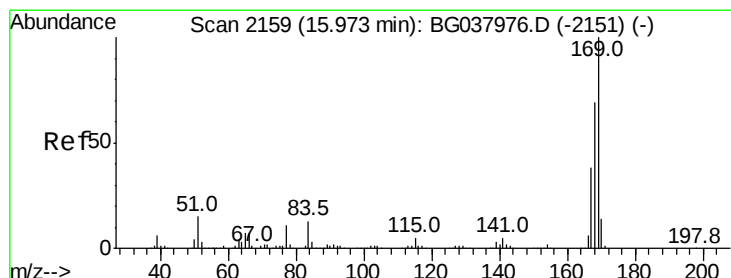
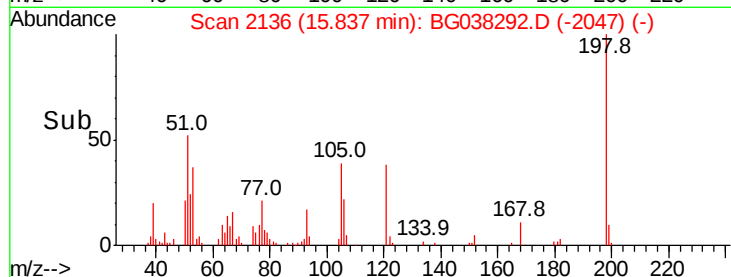
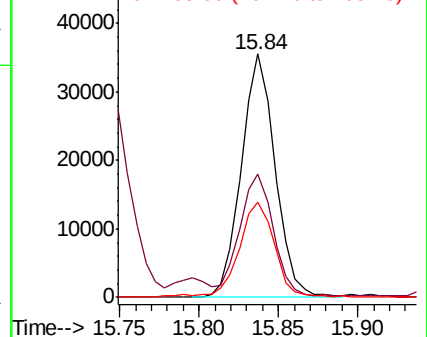
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.028 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

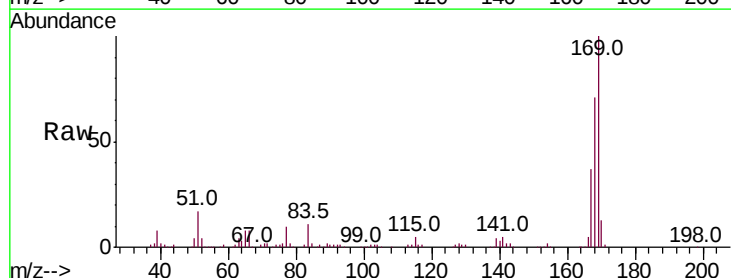
Tgt Ion:169 Resp: 230176

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

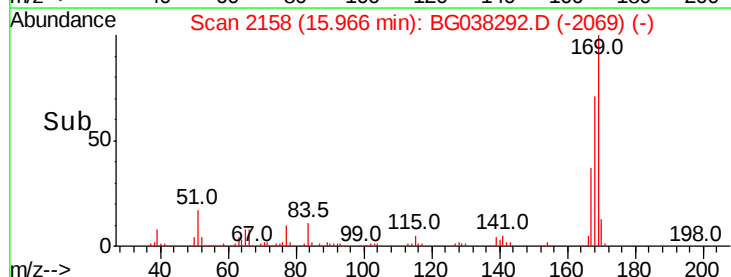
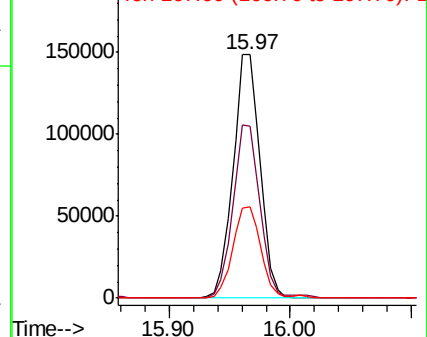
167 37.3 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 38.591 ng

RT: 16.64 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

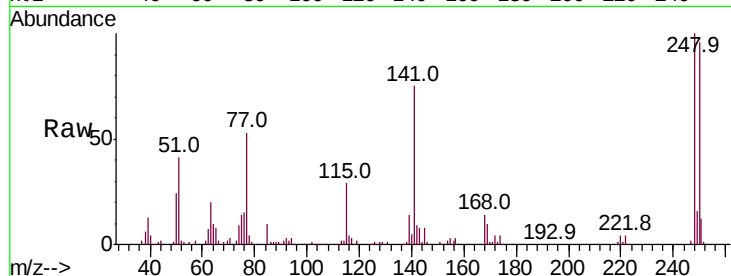
ClientSampleId :

PB115213BS

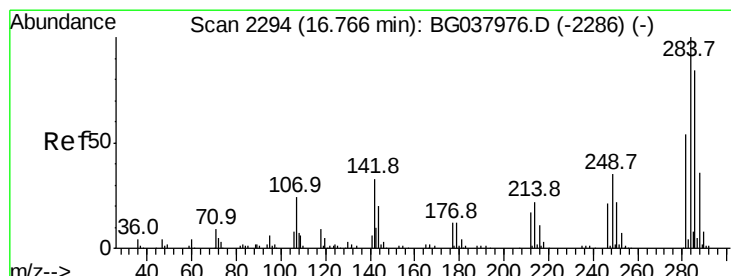
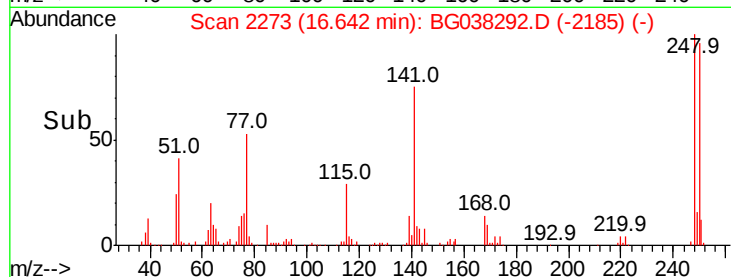
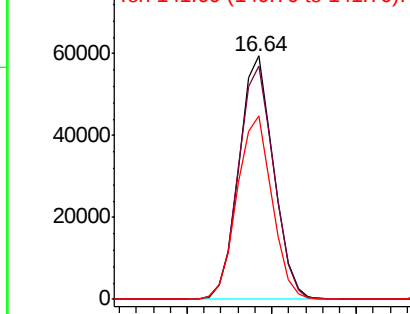
Tot Ion:	248	Resp:	84747
Ion Ratio	Lower	Upper	
248	100		
250	95.9	77.0	115.6
141	75.4	55.5	83.3

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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: 39.138 ng

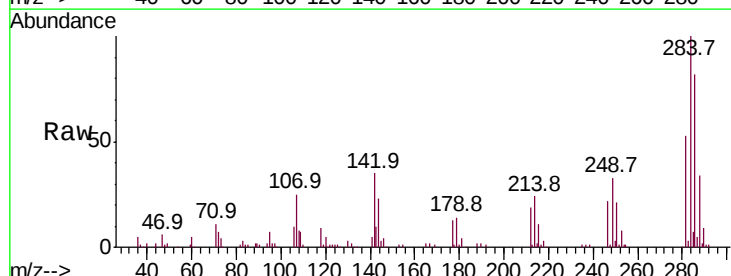
RT: 16.75 min Scan# 2292

Delta R.T. -0.01 min

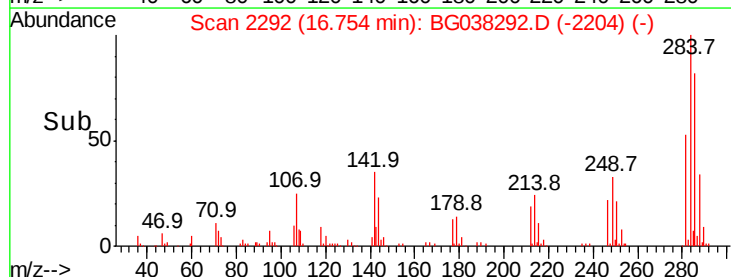
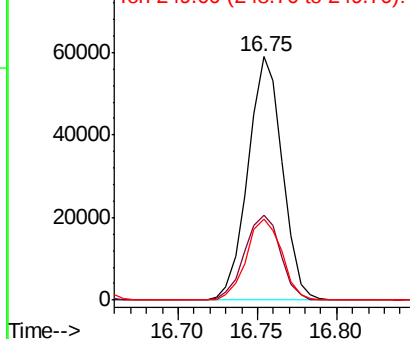
Lab File: BG038292.D

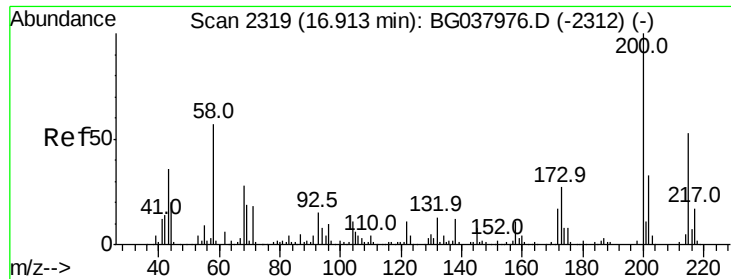
Acq: 1 Dec 2018 18:06

Tgt Ion:	284	Resp:	88715
Ion Ratio	Lower	Upper	
284	100		
142	35.1	28.1	42.1
249	36.2	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





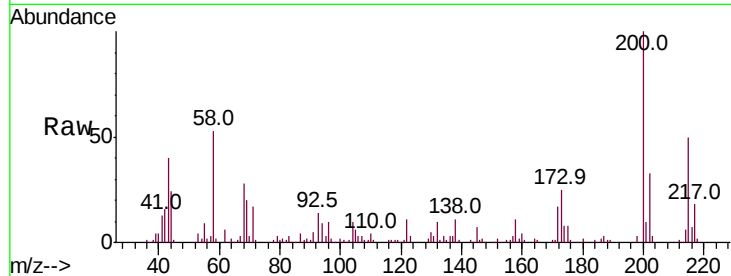
#69
Atrazine
Concen: 41.691 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

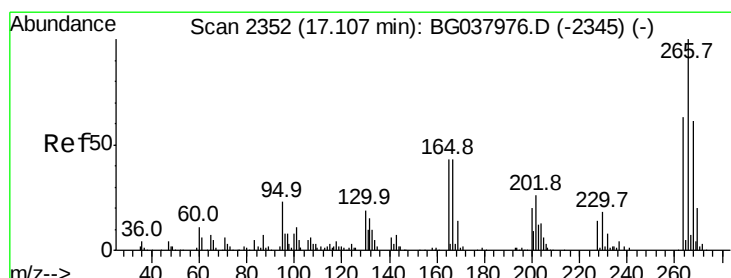
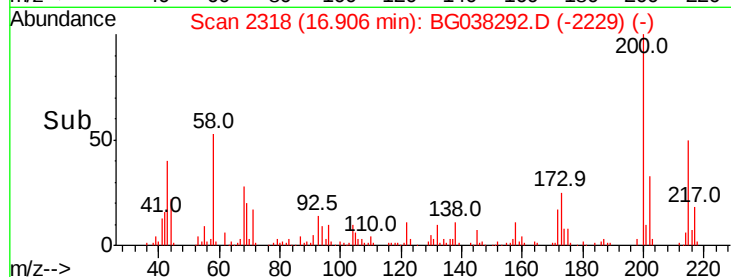
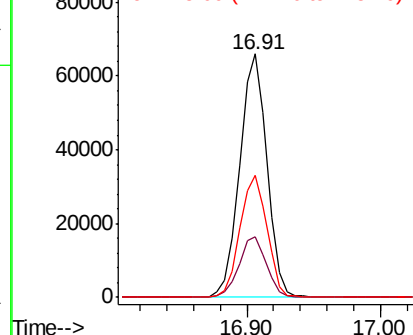
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	6.1	46.1
215	50.2	30.8	70.8

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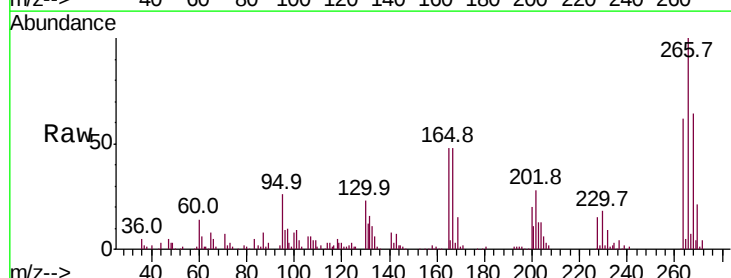


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

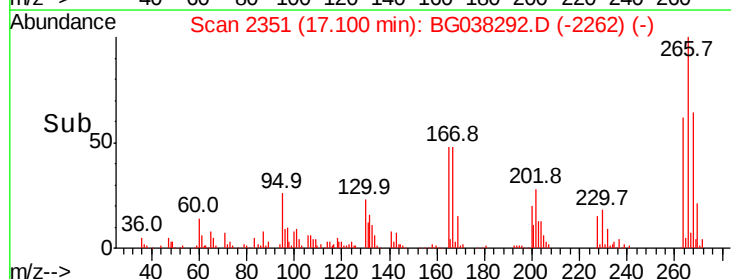
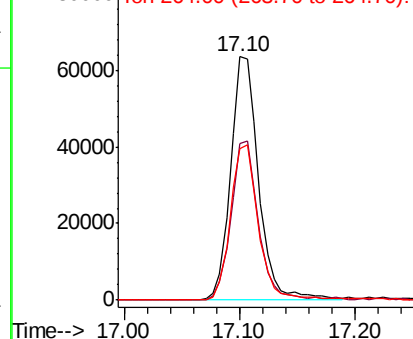


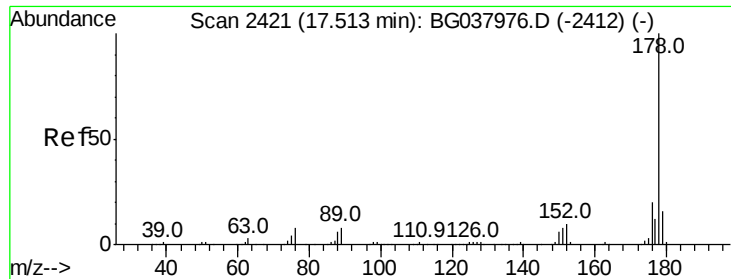
#70
Pentachlorophenol
Concen: 69.254 ng
RT: 17.10 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.4	55.0	82.6
264	67.7	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





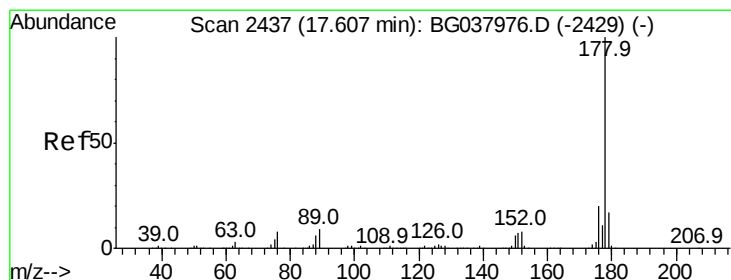
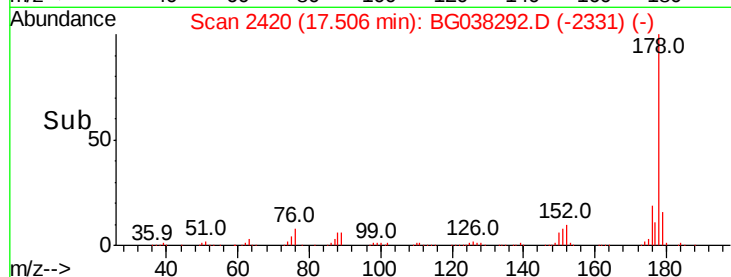
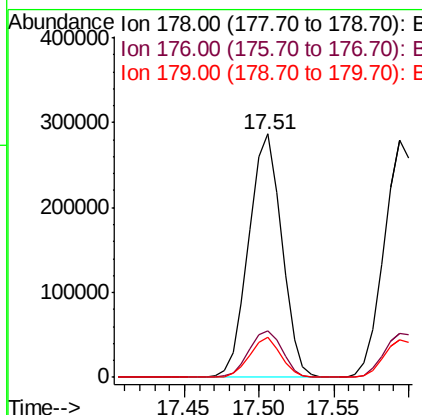
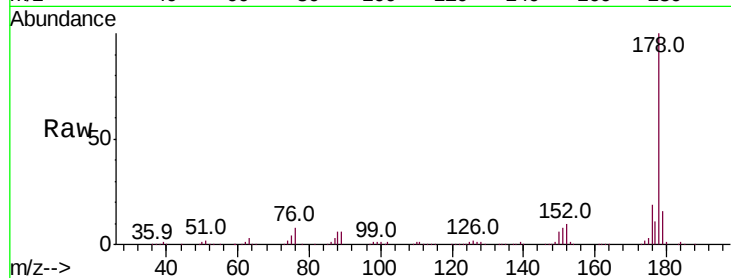
#71
 Phenanthrene
 Concen: 42.844 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	16.3	13.0	19.4

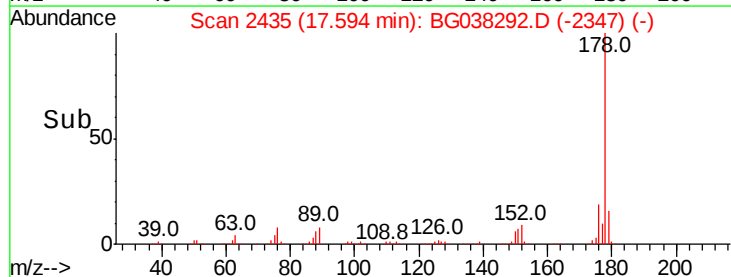
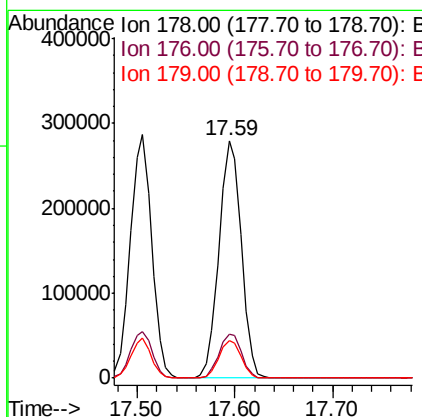
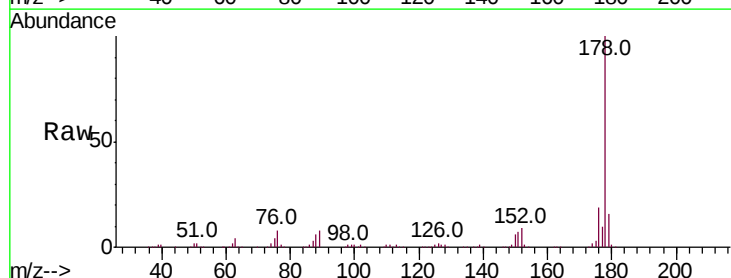
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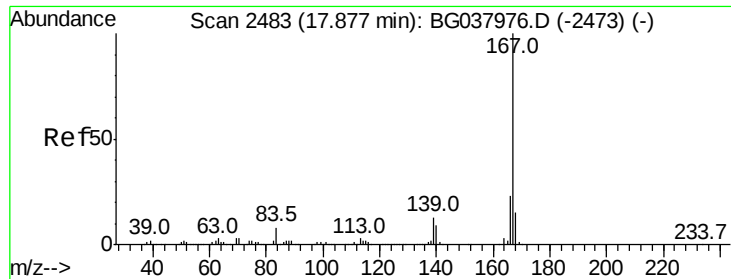
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#72
 Anthracene
 Concen: 44.054 ng
 RT: 17.59 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	16.0	12.8	19.2





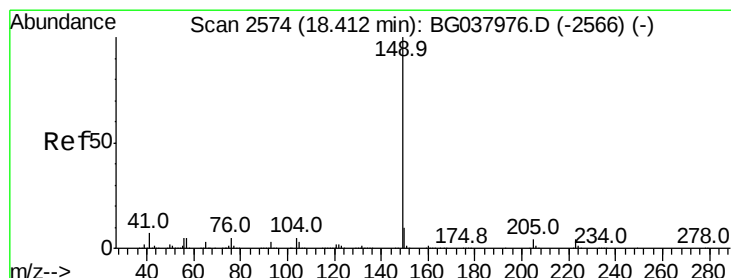
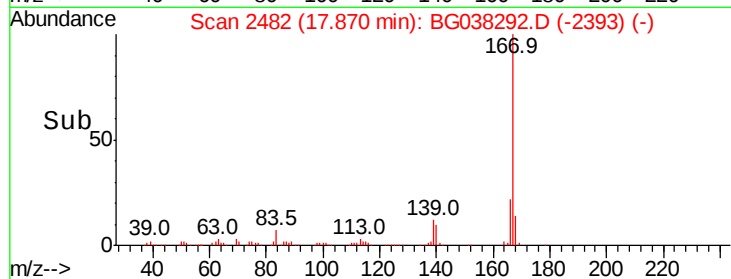
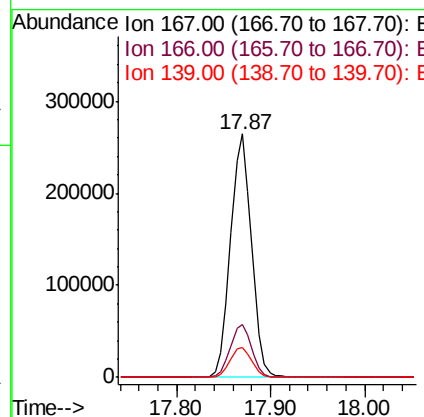
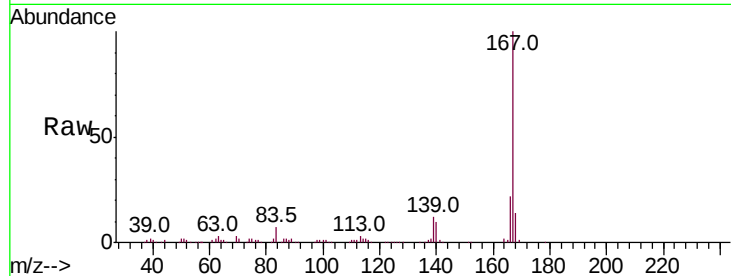
#73
 Carbazole
 Concen: 40.474 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.3	27.5
139	12.4	10.5	15.7

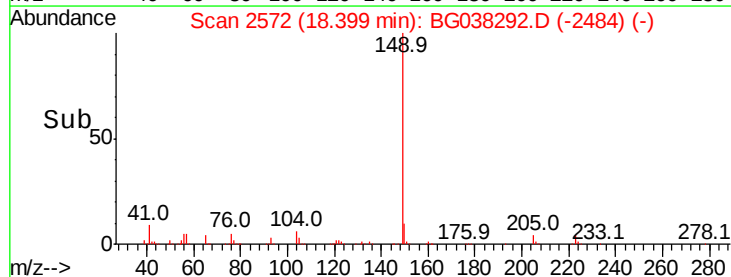
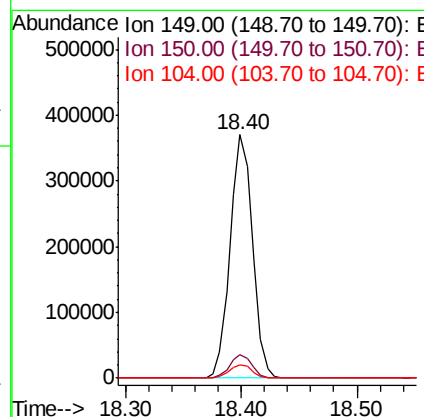
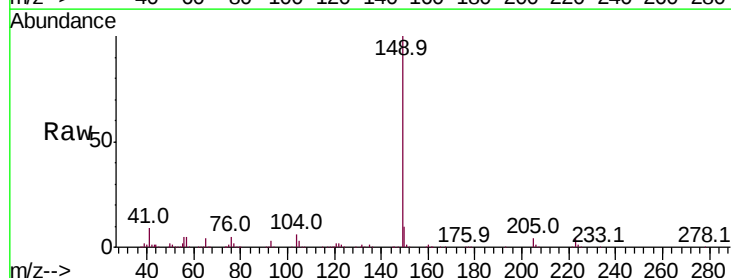
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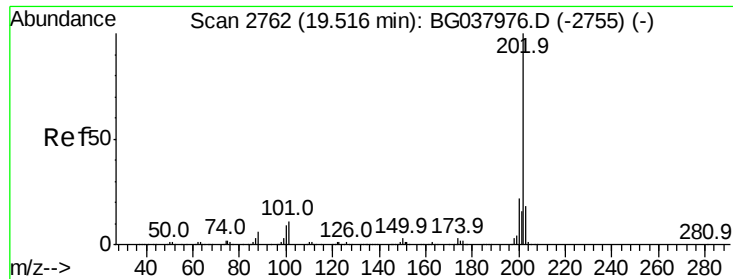
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#74
 Di-n-butylphthalate
 Concen: 43.725 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.7	4.0	6.0





#75

Fluoranthene

Concen: 45.716 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

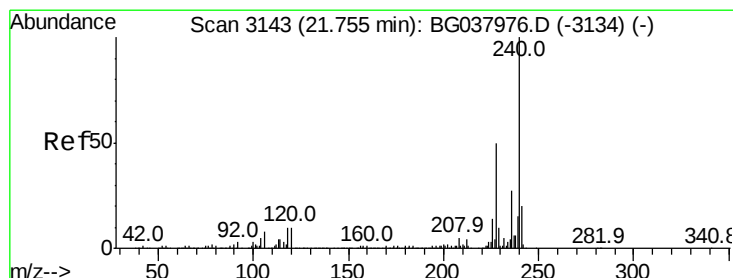
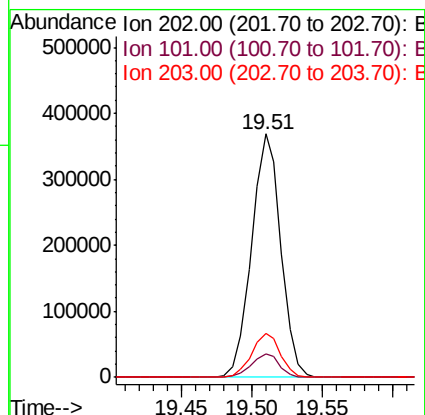
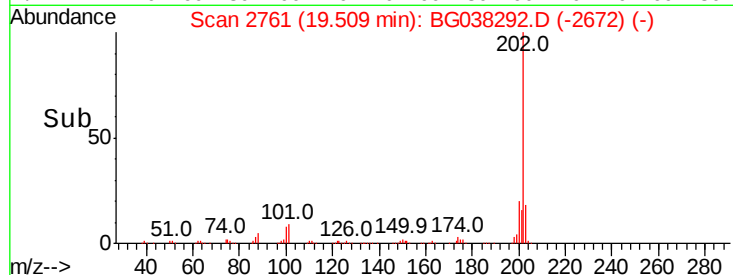
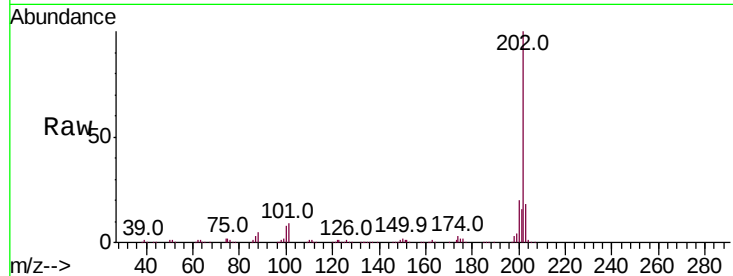
ClientSampleId :

PB115213BS

Tot Ion:	202	Resp:	534292
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.7
203	18.0	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

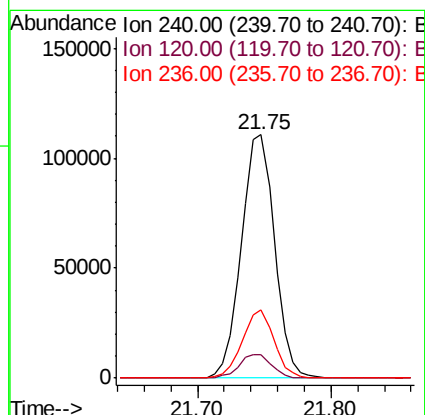
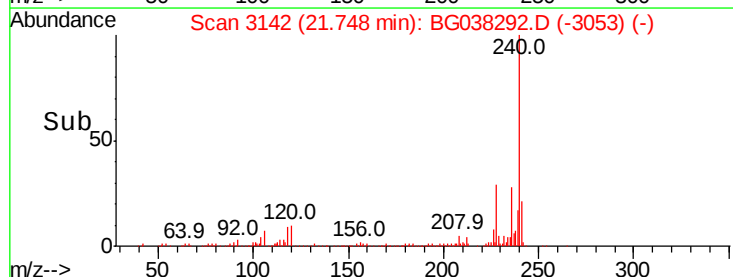
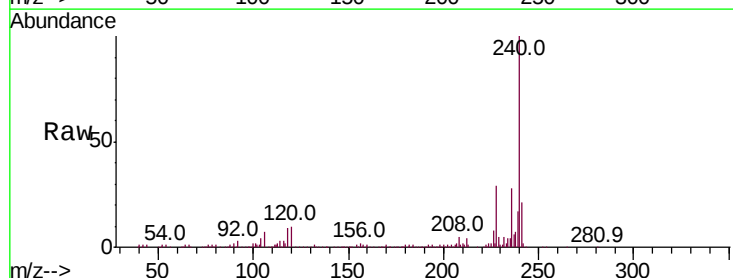
RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tgt Ion:	240	Resp:	189871
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.1	12.1
236	28.1	21.4	32.0





#77

Benzidine

Concen: 19.758 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

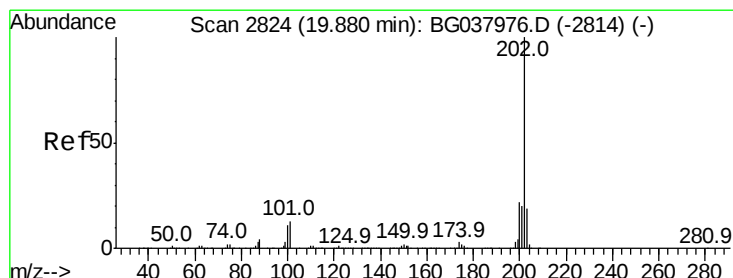
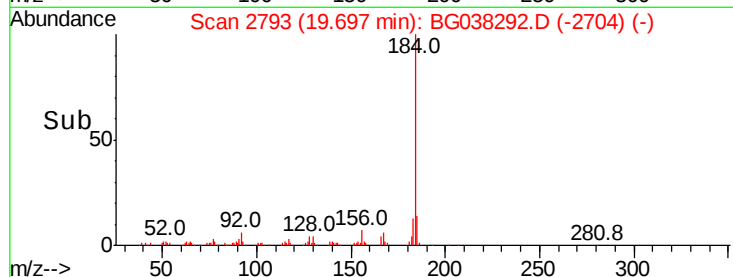
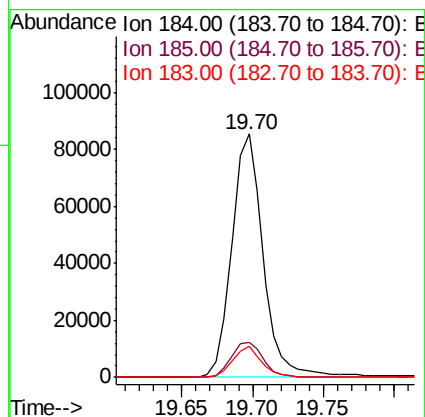
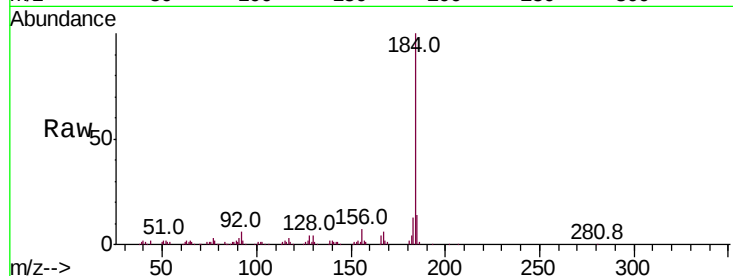
ClientSampleId :

PB115213BS

Tot Ion:	184	Resp:	131639
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	12.9	10.2	15.2

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#78

Pyrene

Concen: 42.963 ng

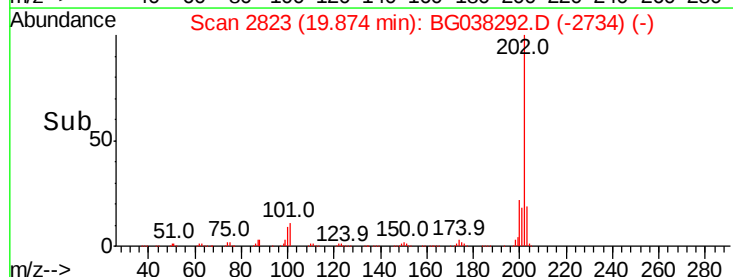
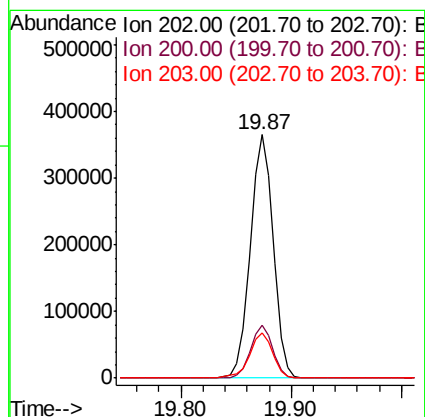
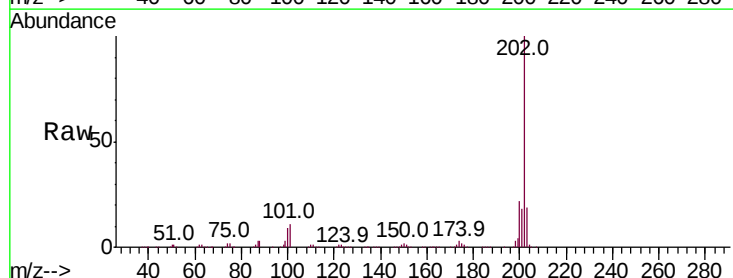
RT: 19.87 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tgt Ion:	202	Resp:	533337
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.8	26.6
203	18.8	15.2	22.8





#79

Terphenyl-d14

Concen: 87.595 ng

RT: 20.06 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

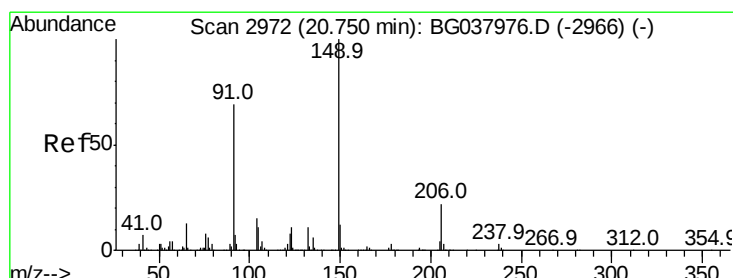
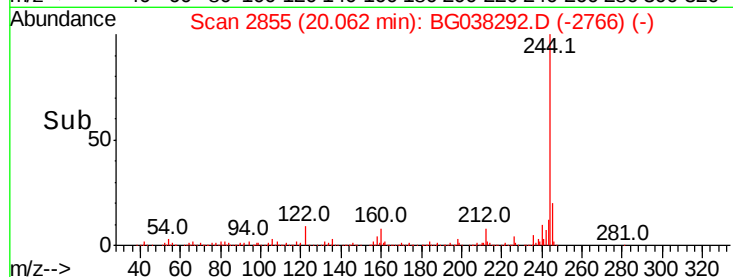
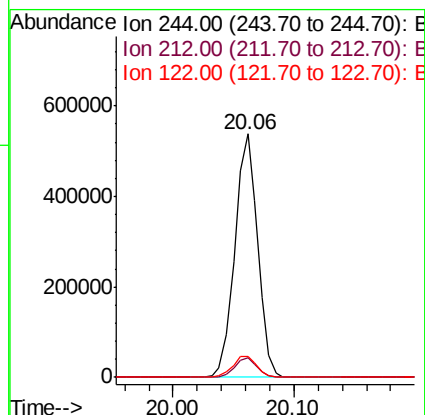
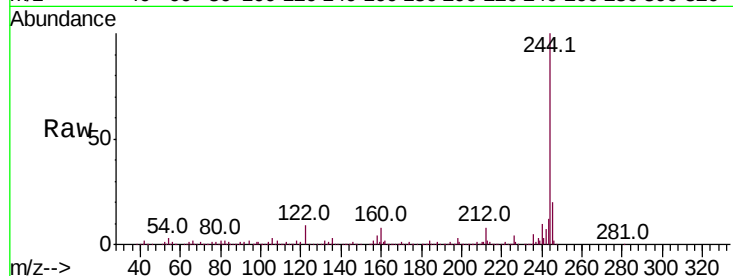
ClientSampleId :

PB115213BS

Tot Ion:	244	Resp:	706829
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.5	9.7
122	8.7	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 42.094 ng

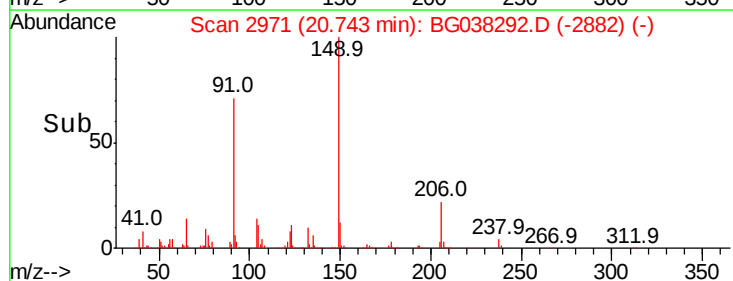
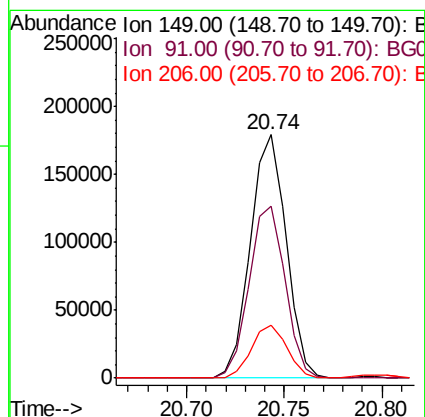
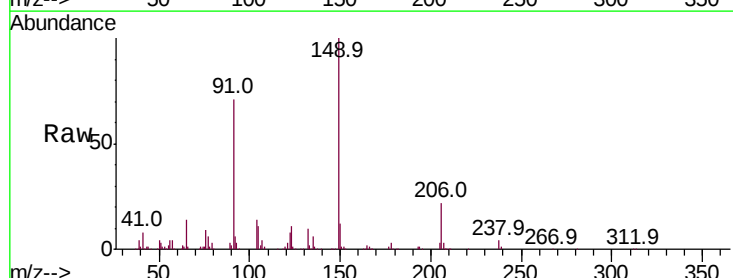
RT: 20.74 min Scan# 2971

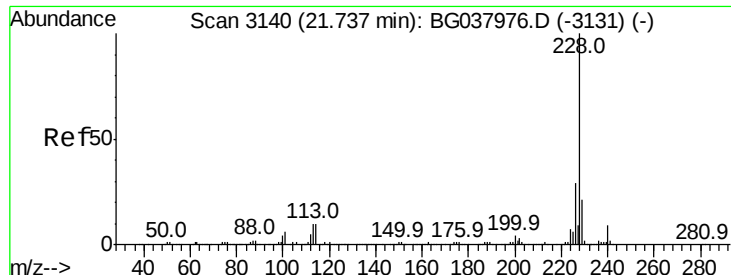
Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tgt Ion:	149	Resp:	228519
Ion Ratio	Lower	Upper	
149	100		
91	70.7	57.0	85.4
206	21.7	17.8	26.6





#81

Benzo(a)anthracene

Concen: 43.954 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

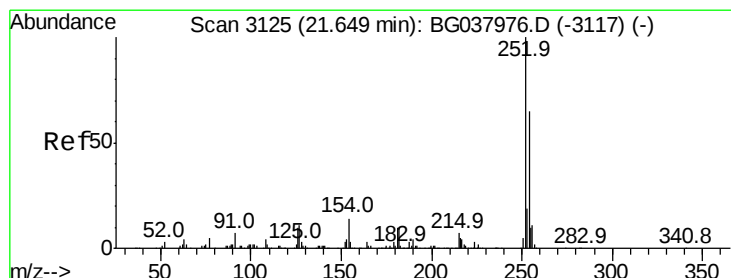
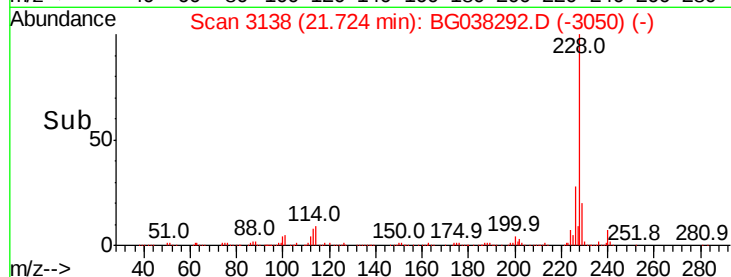
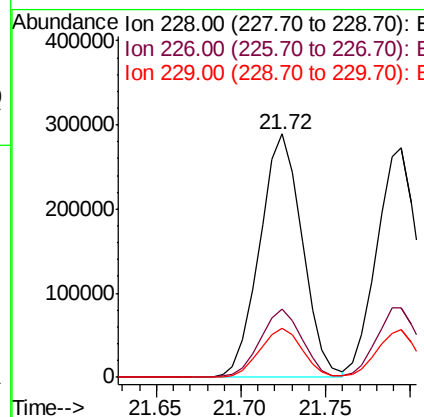
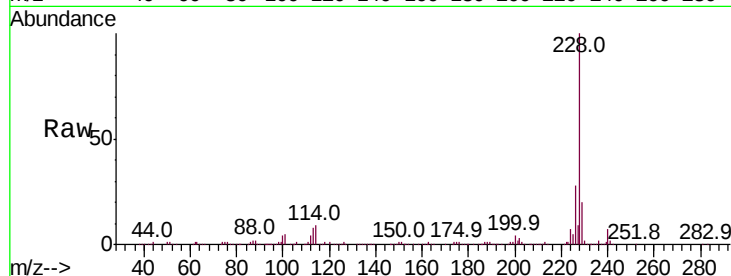
ClientSampleId :

PB115213BS

Tot Ion:	228	Resp:	504327
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	20.1	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 15.502 ng

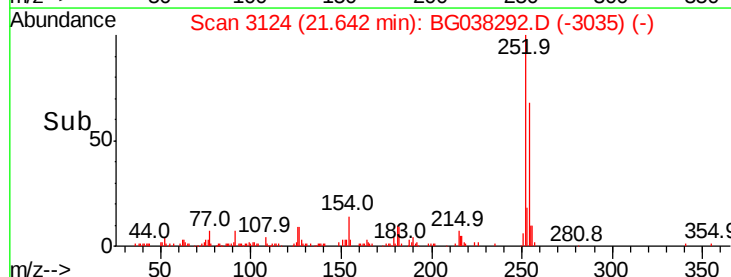
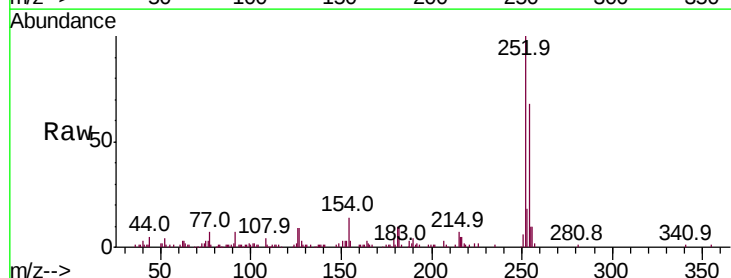
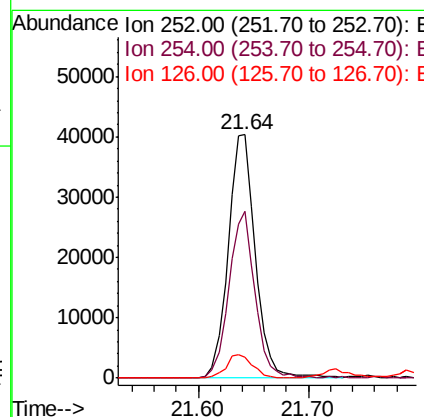
RT: 21.64 min Scan# 3124

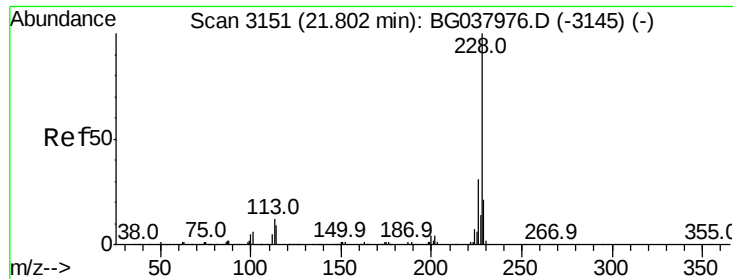
Delta R.T. -0.01 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tgt Ion:	252	Resp:	69289
Ion Ratio	Lower	Upper	
252	100		
254	68.3	52.0	78.0
126	8.7	8.2	12.4





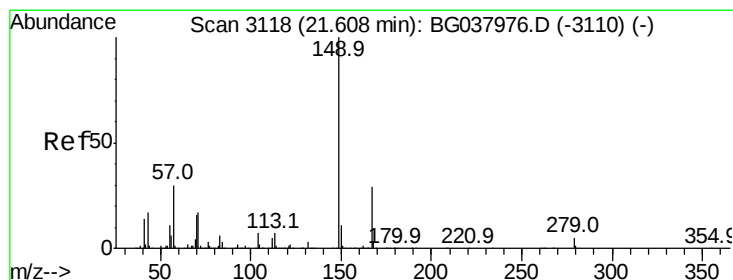
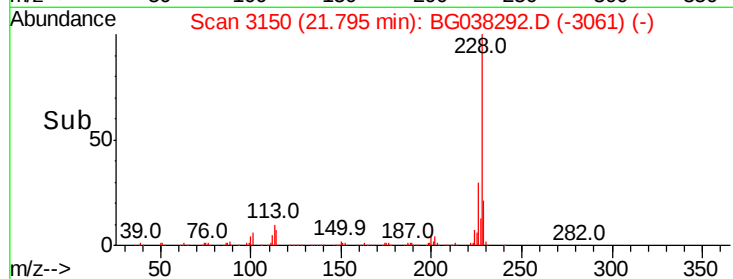
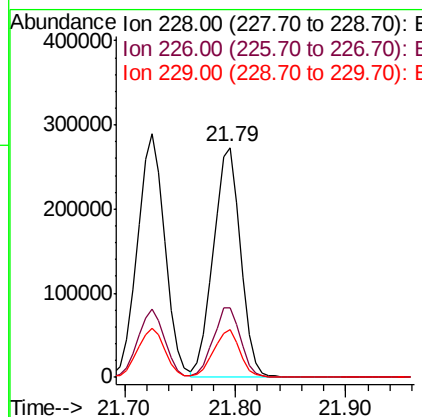
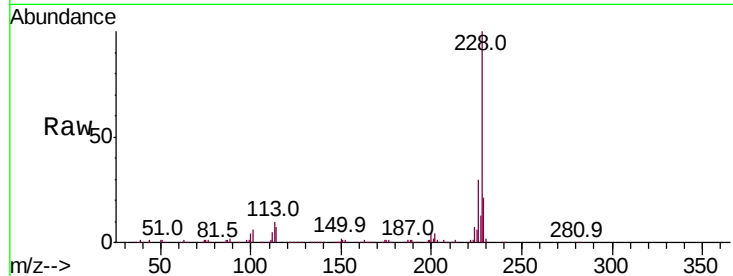
#83
 Chrvsene
 Concen: 42.231 ng
 RT: 21.79 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BS

Tot Ion:	228	Resp:	463620
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.7	38.5
229	20.6	16.5	24.7

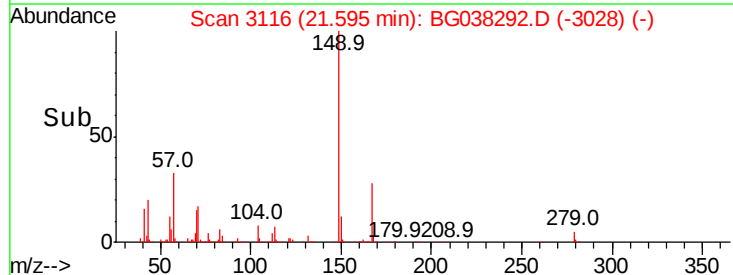
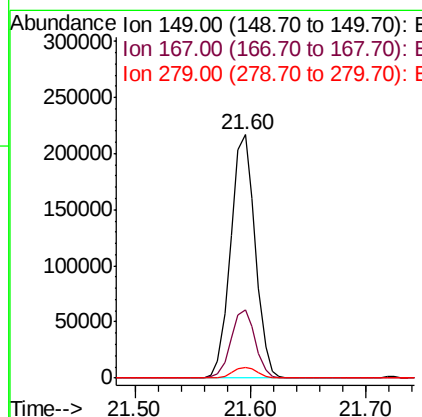
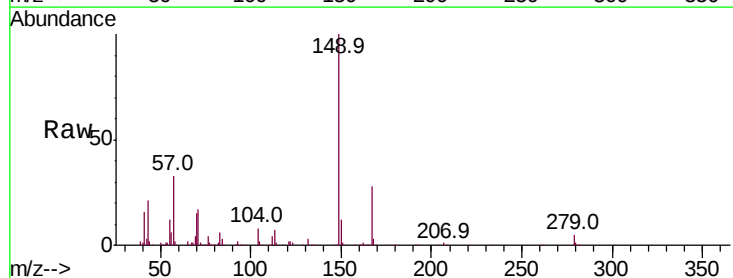
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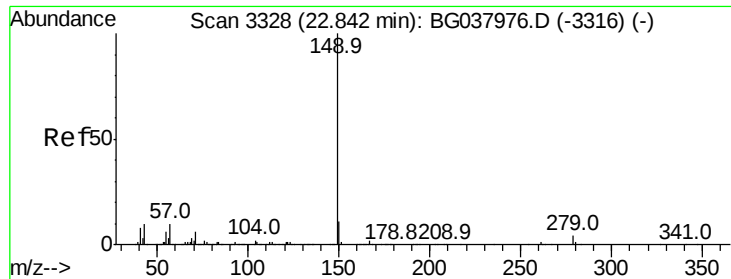
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.166 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG038292.D
 Acq: 1 Dec 2018 18:06

Tgt Ion:	149	Resp:	318704
Ion Ratio	Lower	Upper	
149	100		
167	27.9	23.0	34.4
279	4.5	3.6	5.4





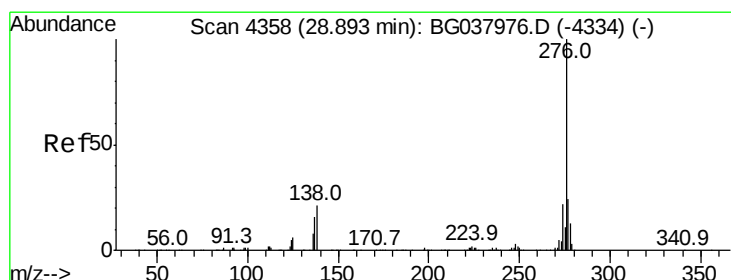
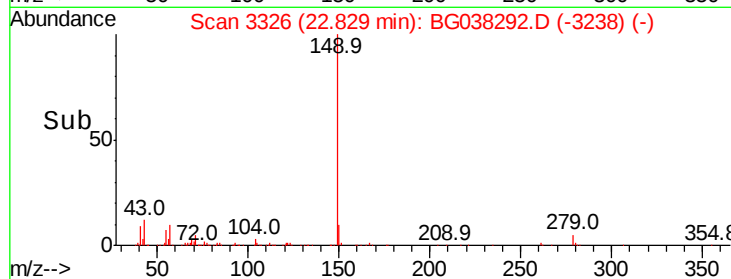
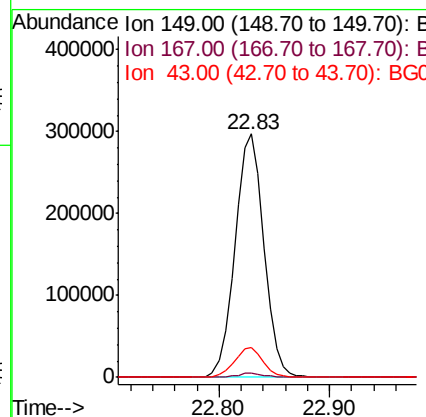
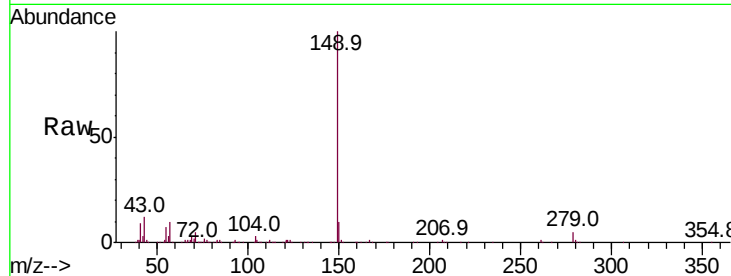
#85
Di-n-octyl phthalate
Concen: 43.520 ng
RT: 22.83 min Scan# 3326
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	545088		
167	1.6		1.3	1.9
43	11.9		8.7	13.1

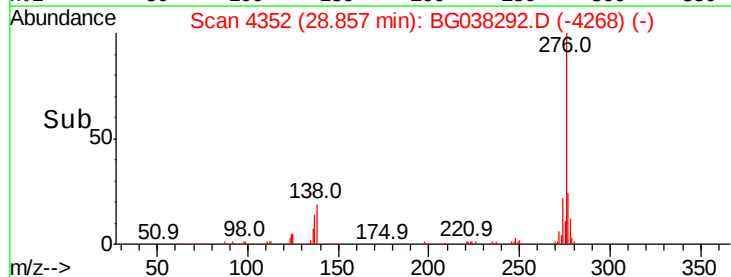
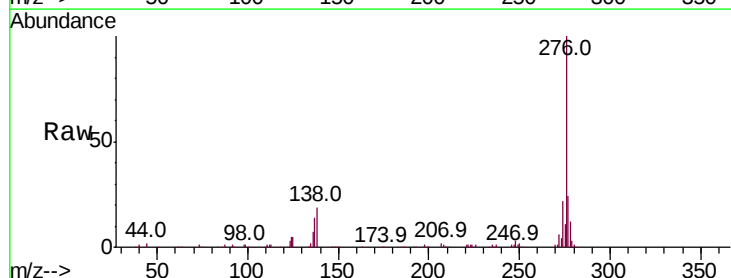
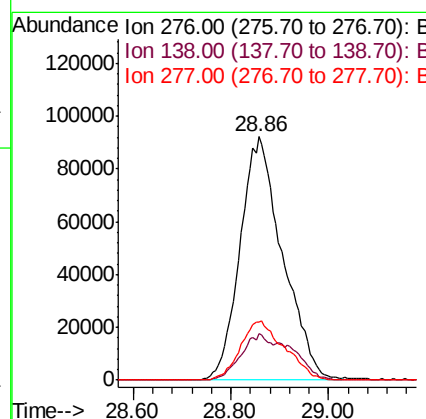
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.688 ng
RT: 28.86 min Scan# 4352
Delta R.T. -0.04 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	557064		
138	13.2		12.0	18.0
277	25.3		20.6	30.8





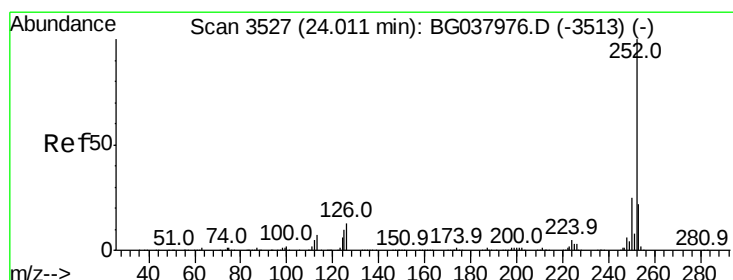
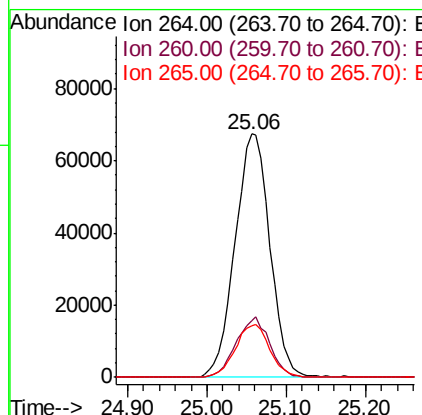
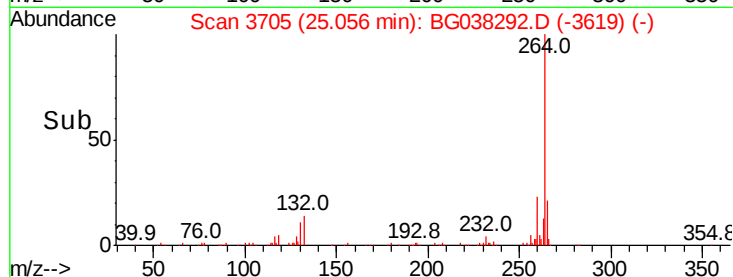
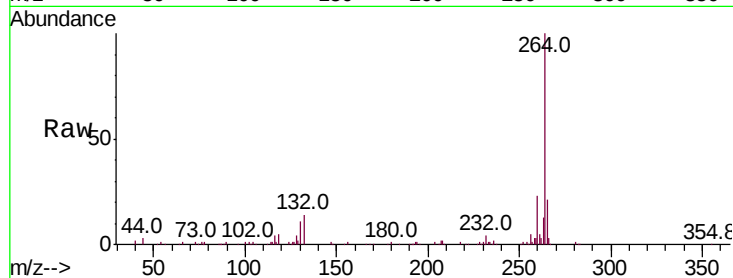
#87
Pervlone-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.02 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.3	17.9	26.9

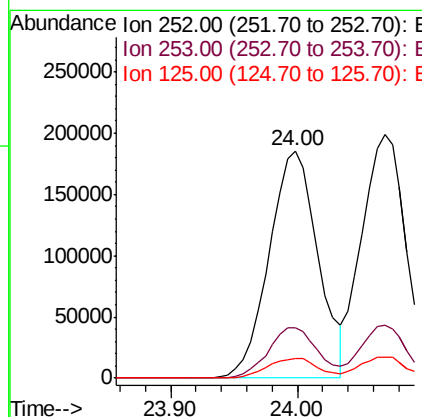
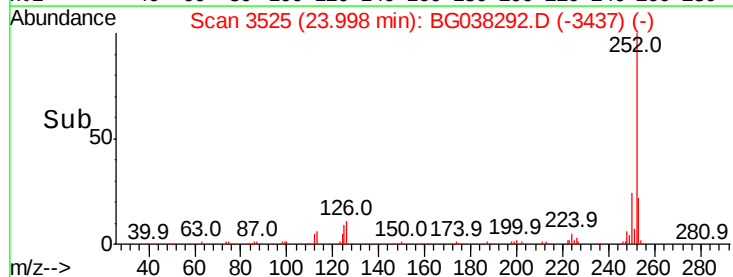
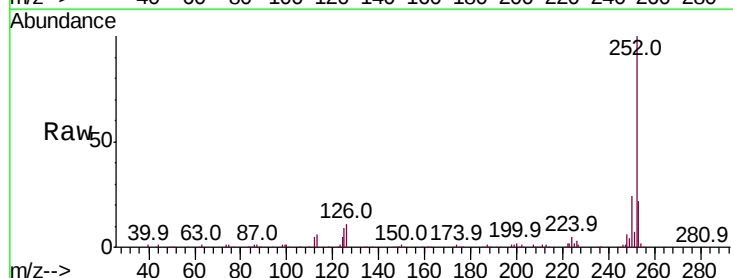
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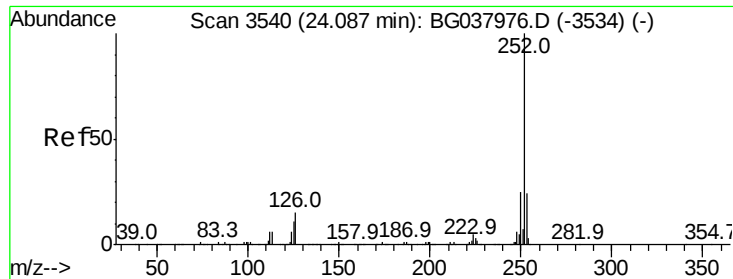
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#88
Benzo(b)fluoranthene
Concen: 44.095 ng
RT: 24.00 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.9	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 43.208 ng

RT: 24.07 min Scan# 3537

Delta R.T. -0.02 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Instrument :

BNA_G

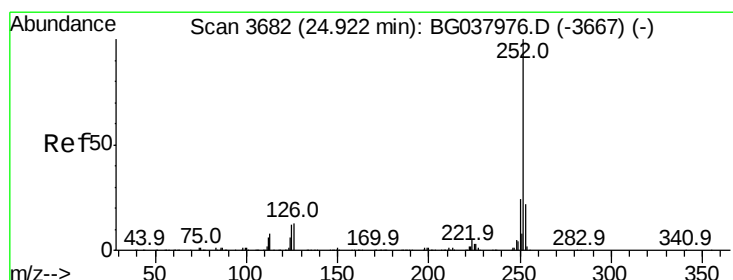
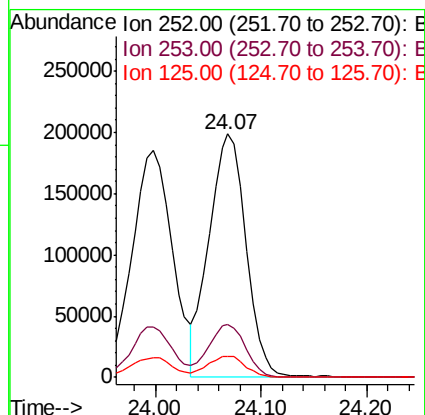
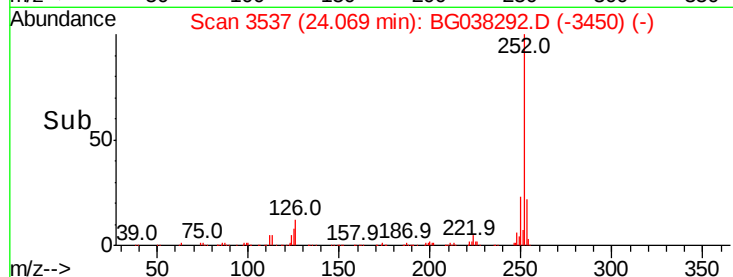
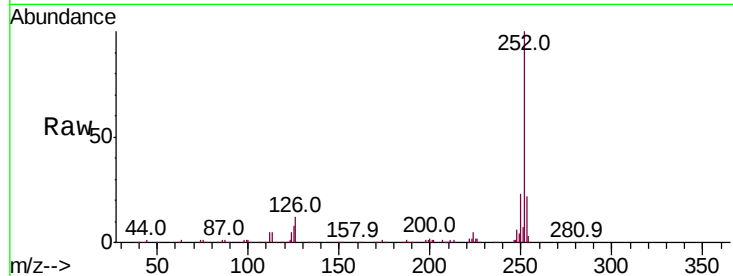
ClientSampleId :

PB115213BS

Tot Ion:	252	Resp:	481512
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	8.5	7.4	11.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 44.520 ng

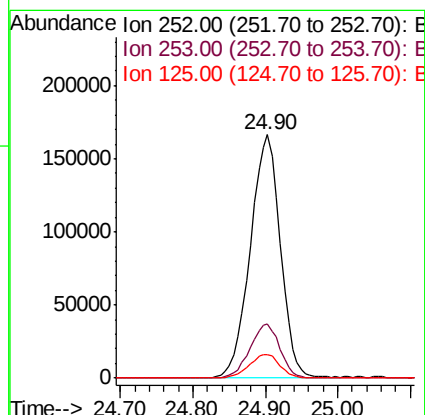
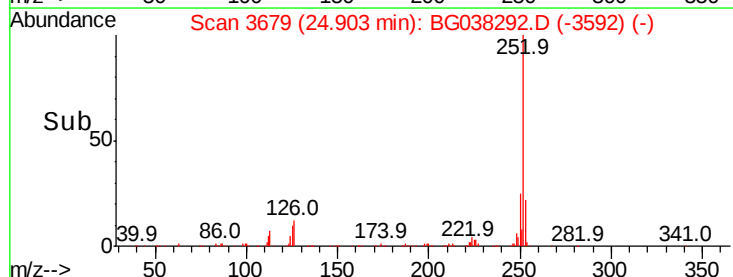
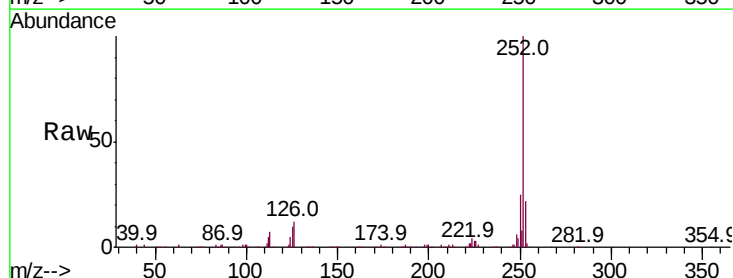
RT: 24.90 min Scan# 3679

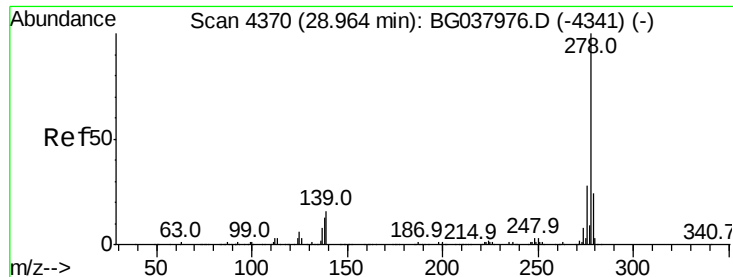
Delta R.T. -0.02 min

Lab File: BG038292.D

Acq: 1 Dec 2018 18:06

Tgt Ion:	252	Resp:	480510
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	9.7	9.0	13.6





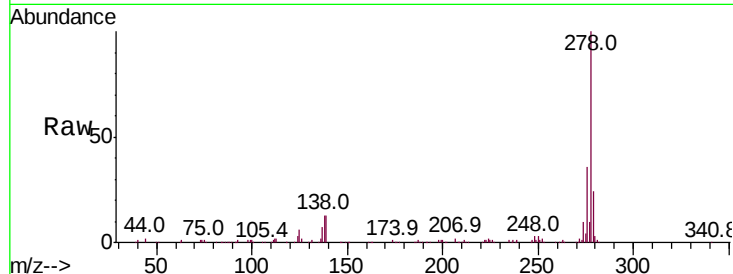
#91
Dibenzo(a,h)anthracene
Concen: 44.333 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.04 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Instrument :
BNA_G
ClientSampleId :
PB115213BS

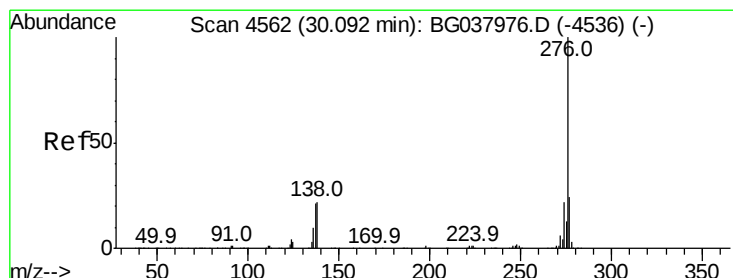
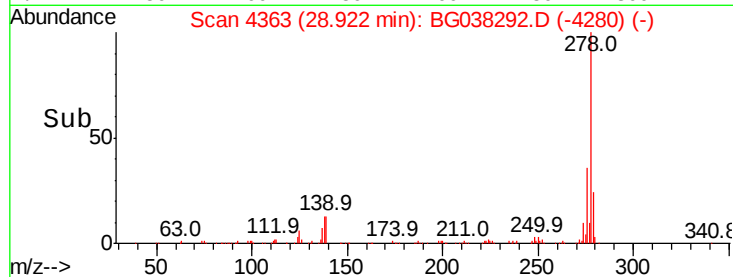
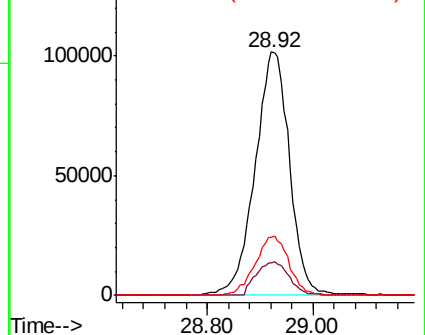
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.5	17.3
279	23.8	18.6	27.8

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.944 ng
RT: 30.06 min Scan# 4557
Delta R.T. -0.03 min
Lab File: BG038292.D
Acq: 1 Dec 2018 18:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	19.6	17.2	25.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

