

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038119.D
 Acq On : 21 Nov 2018 16:16
 Operator : JU/SJ
 Sample : PB114976BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Manual Integrations
 APPROVED

mohammad
 11/23/2018 11:50:14 AM

Quant Time: Nov 21 16:58:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	43538	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	186481	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116083	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	274426	20.00	ng	0.00
76) Chrysene-d12	21.75	240	251326	20.00	ng	0.00
87) Perylene-d12	25.08	264	262237	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	279872	110.99	ng	0.00
7) Phenol-d6	7.24	99	390683	108.54	ng	0.00
23) Nitrobenzene-d5	9.26	82	239354	68.71	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	134326	101.46	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	538696	67.61	ng	0.00
79) Terphenyl-d14	20.07	244	811015	75.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	29492	24.761	ng	94
3) Pyridine	3.92	79	84577	24.893	ng	98
4) n-Nitrosodimethylamine	3.84	42	46277	37.543	ng	96
6) Aniline	7.41	93	72039	15.507	ng	99
8) 2-Chlorophenol	7.65	128	105837	36.172	ng	99
9) Benzaldehyde	7.22	77	63832	24.522	ng	98
10) Phenol	7.26	94	139773	36.660	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	99834	32.074	ng	98
12) 1,3-Dichlorobenzene	7.97	146	104334	30.953	ng	97
13) 1,4-Dichlorobenzene	8.12	146	105507	30.986	ng	98
14) 1,2-Dichlorobenzene	8.44	146	102387	31.495	ng	99
15) Benzyl Alcohol	8.32	79	93508	35.901	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.60	45	198392	34.325	ng	99
17) 2-Methylphenol	8.52	107	94909	36.820	ng	97
18) Hexachloroethane	9.17	117	38804	31.313	ng	94
19) n-Nitroso-di-n-propylamine	8.89	70	83259	31.967	ng	98
20) 3+4-Methylphenols	8.85	107	131088	35.874	ng	95
22) Acetophenone	8.92	105	153657	33.117	ng	# 98
24) Nitrobenzene	9.30	77	125333	35.170	ng	98
25) Isophorone	9.82	82	231142	36.863	ng	97
26) 2-Nitrophenol	10.01	139	59379	33.377	ng	99
27) 2,4-Dimethylphenol	10.06	122	107451	40.087	ng	97
28) bis(2-Chloroethoxy)methane	10.30	93	142895	35.639	ng	98
29) 2,4-Dichlorophenol	10.54	162	110433	36.628	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	108982	32.257	ng	98
31) Naphthalene	10.96	128	324518	35.381	ng	99
32) Benzoic acid	10.18	122	41110	30.032	ng	91
33) 4-Chloroaniline	11.07	127	59373	13.916	ng	96
34) Hexachlorobutadiene	11.22	225	64500	31.019	ng	97
35) Caprolactam	11.85	113	40206	33.316	ng	98
36) 4-Chloro-3-methylphenol	12.17	107	118917	36.102	ng	99
37) 2-Methylnaphthalene	12.55	142	243307	36.930	ng	99
38) 1-Methylnaphthalene	12.77	142	231067	36.436	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	124837	32.183	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	147055	70.798	nq	100
43) 2,4,6-Trichlorophenol	13.15	196	90497	34.237	nq	99
44) 2,4,5-Trichlorophenol	13.22	196	97249	34.966	nq	95
46) 1,1'-Biphenyl	13.56	154	312568	32.051	nq	100
47) 2-Chloronaphthalene	13.60	162	247089	33.203	nq	98
48) 2-Nitroaniline	13.82	65	87724	37.455	nq	96
49) Acenaphthylene	14.44	152	408876	36.537	nq	100
50) Dimethylphthalate	14.17	163	323194	35.119	nq	99
51) 2,6-Dinitrotoluene	14.30	165	73905	35.483	nq	93
52) Acenaphthene	14.79	154	234061	34.742	nq	99
53) 3-Nitroaniline	14.63	138	47781	20.790	nq	# 98
54) 2,4-Dinitrophenol	14.84	184	36616	38.077	nq	# 81
55) Dibenzofuran	15.12	168	381874	34.279	nq	99
56) 4-Nitrophenol	14.93	139	116858	65.925	nq	90
57) 2,4-Dinitrotoluene	15.09	165	105693	37.296	nq	99
58) Fluorene	15.77	166	308530	37.119	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	84312	36.228	nq	97
60) Diethylphthalate	15.52	149	333363	34.105	nq	98
61) 4-Chlorophenyl-phenylether	15.76	204	161873	33.283	nq	98
62) 4-Nitroaniline	15.80	138	81055	35.501	nq	94
63) Azobenzene	16.05	77	312506	35.757	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	43292	24.941	nq	95
66) n-Nitrosodiphenylamine	15.97	169	281457	33.902	nq	98
67) 4-Bromophenyl-phenylether	16.65	248	100021	33.207	nq	97
68) Hexachlorobenzene	16.76	284	103035	33.140	nq	98
69) Atrazine	16.91	200	105576	34.497	nq	100
70) Pentachlorophenol	17.11	266	107414m	50.870	nq	
71) Phenanthrene	17.51	178	516627	36.770	nq	98
72) Anthracene	17.61	178	516706	37.308	nq	99
73) Carbazole	17.88	167	476058	34.260	nq	98
74) Di-n-butylphthalate	18.40	149	575962	36.925	nq	99
75) Fluoranthene	19.52	202	610075	38.058	nq	99
77) Benzidine	19.70	184	112662	12.775	nq	99
78) Pyrene	19.88	202	610626	37.161	nq	98
80) Butylbenzylphthalate	20.75	149	264712	36.838	nq	97
81) Benzo(a)anthracene	21.73	228	573256	37.744	nq	100
82) 3,3'-Dichlorobenzidine	21.65	252	116192	19.640	nq	99
83) Chrysene	21.80	228	534094	36.754	nq	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	374093	36.505	nq	100
85) Di-n-octyl phthalate	22.84	149	632853	38.172	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	596193	36.941	nq	99
88) Benzo(b)fluoranthene	24.01	252	561207	38.889	nq	99
89) Benzo(k)fluoranthene	24.08	252	539432	37.882	nq	99
90) Benzo(a)pyrene	24.91	252	546649	39.637	nq	100
91) Dibenzo(a,h)anthracene	28.95	278	487472	36.735	nq	98
92) Benzo(g,h,i)perylene	30.09	276	477772	36.210	nq	99

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

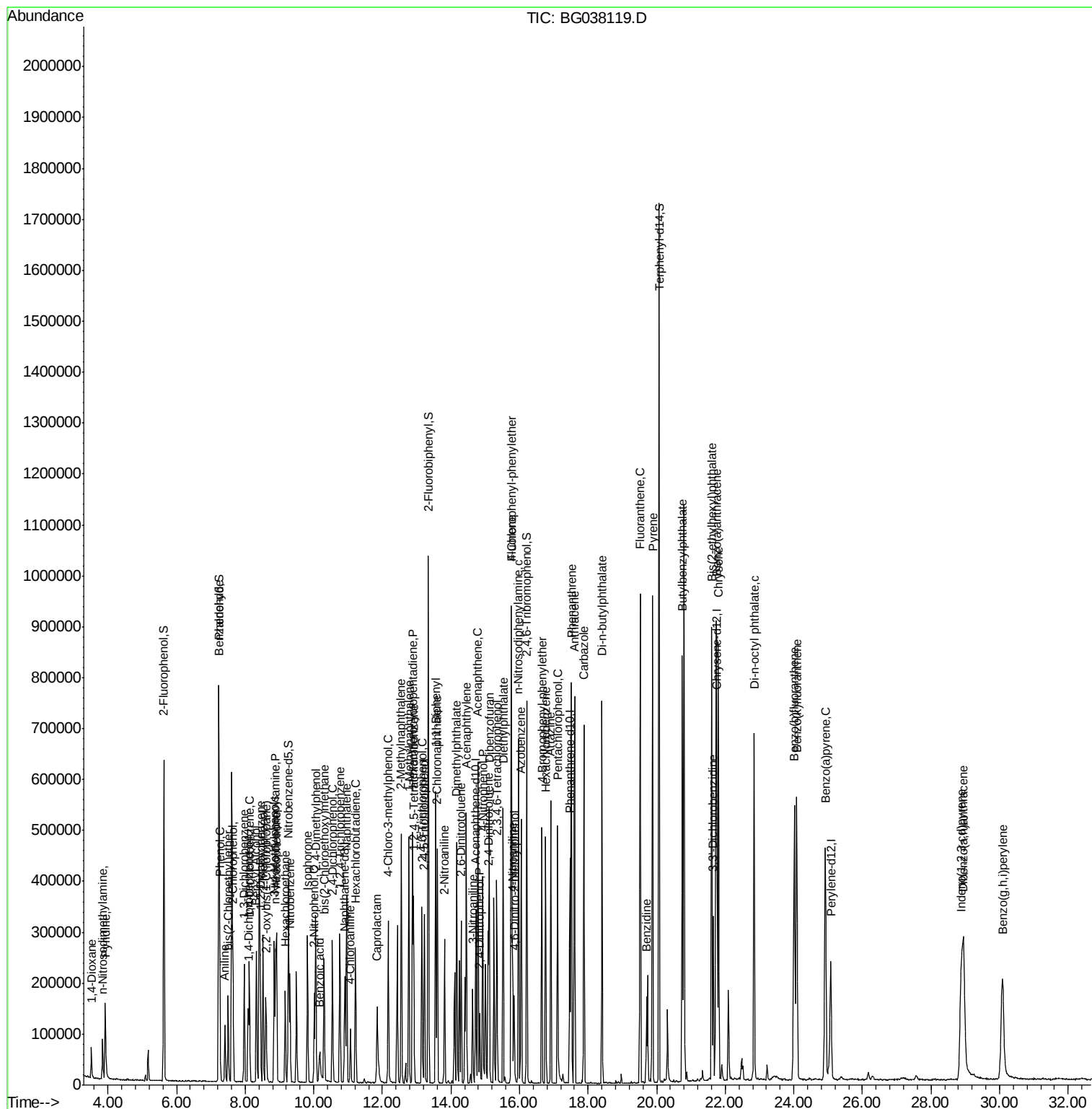
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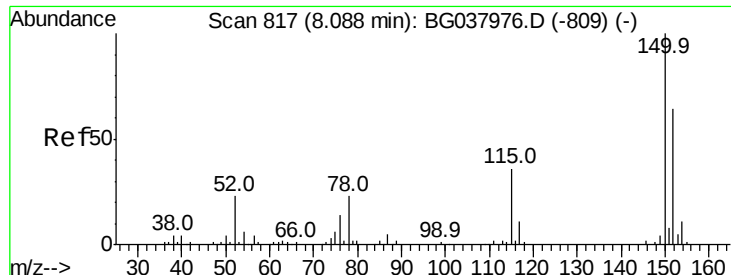
Instrument :
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#1

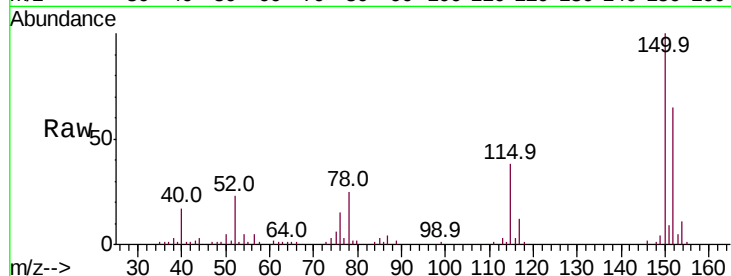
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.0	189.0
115	58.6	45.5	68.3

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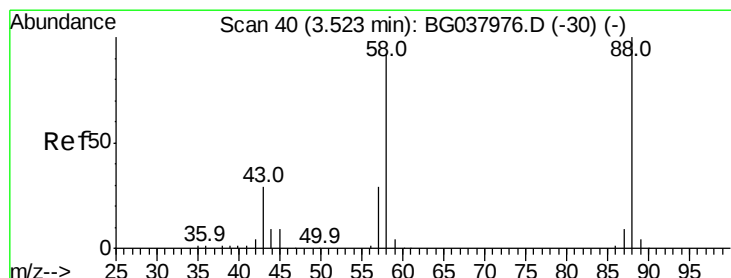
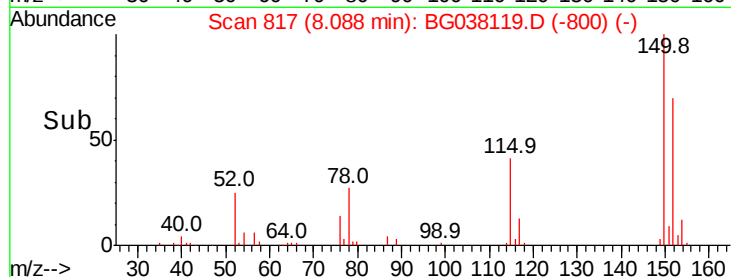
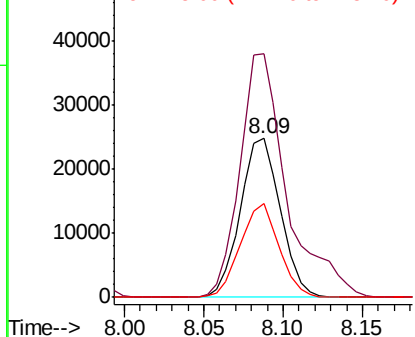


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

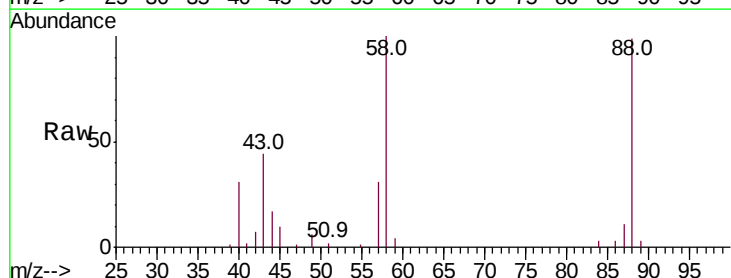
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.761 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.5	74.4	111.6
43	36.8	25.8	38.8

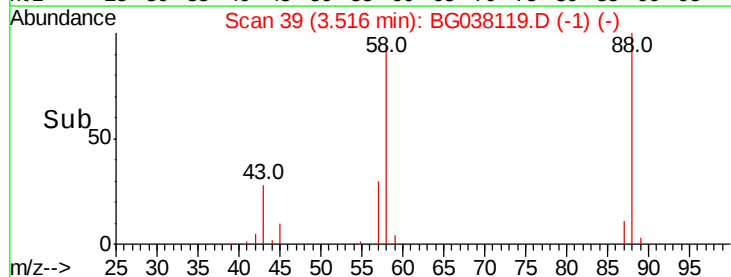
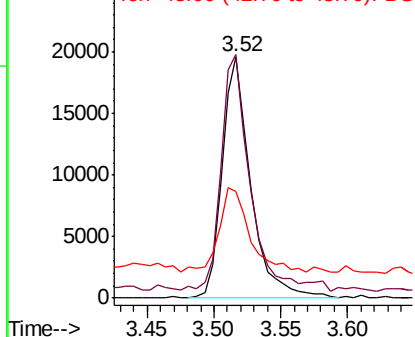


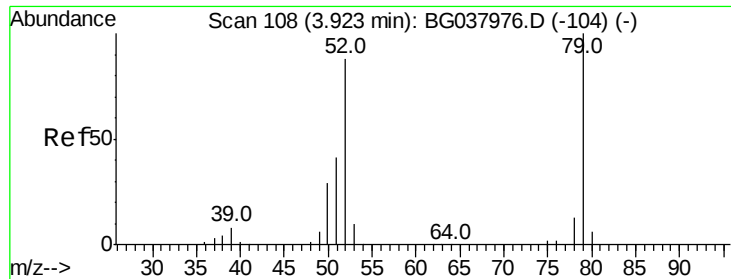
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.893 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

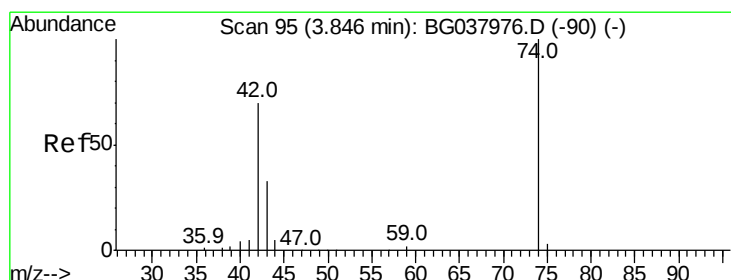
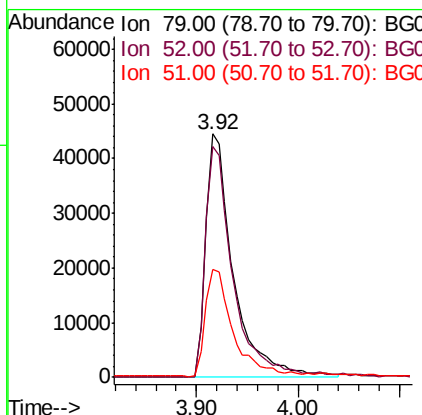
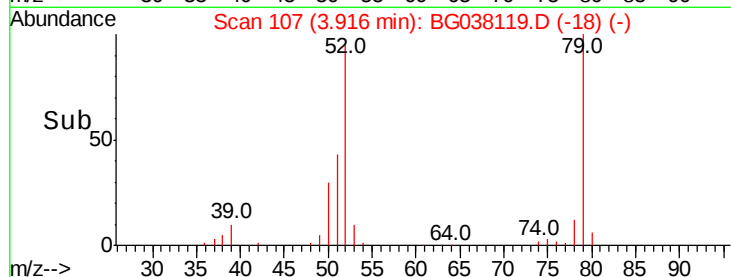
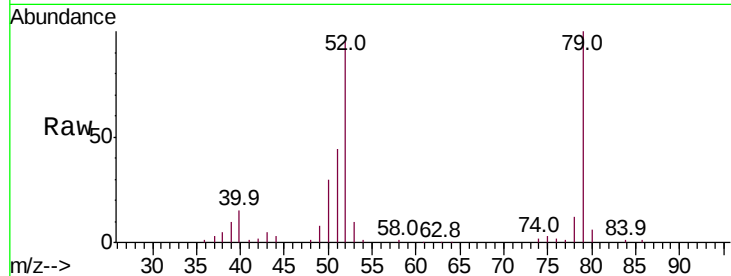
ClientSampleId :

PB114976BS

Tot Ion:	79	Resp:	84577
Ion	Ratio	Lower	Upper
79	100		
52	95.0	74.2	111.2
51	44.1	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 37.543 ng

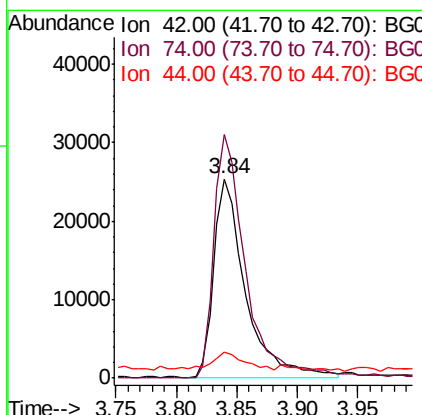
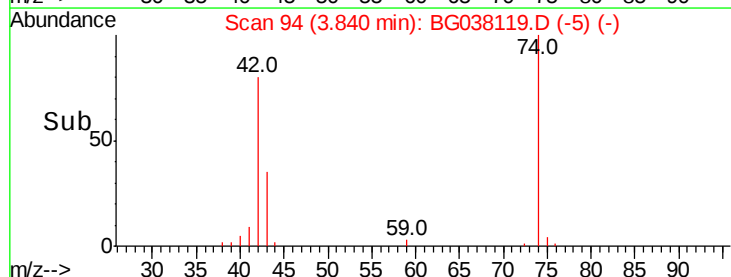
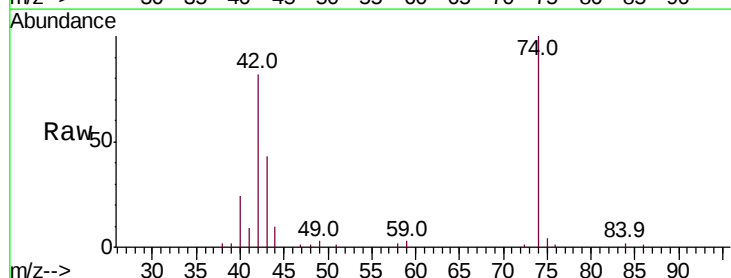
RT: 3.84 min Scan# 94

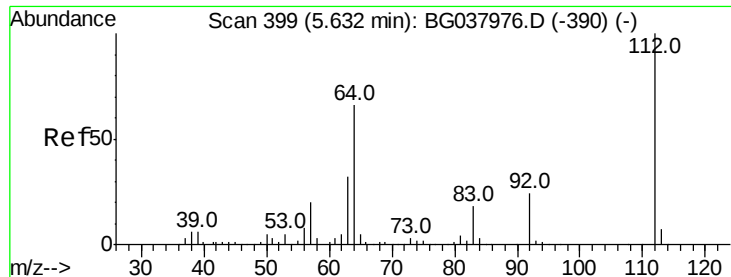
Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:	42	Resp:	46277
Ion	Ratio	Lower	Upper
42	100		
74	122.4	102.0	153.0
44	12.9	9.6	14.4





#5

2-Fluorophenol

Concen: 110.987 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

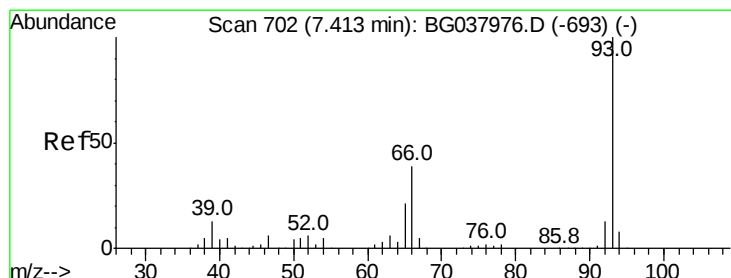
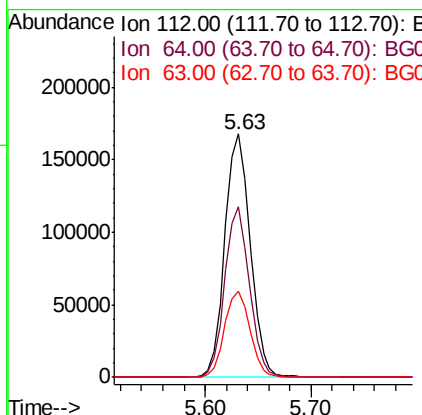
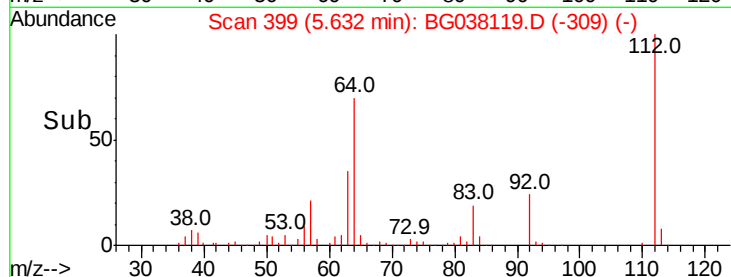
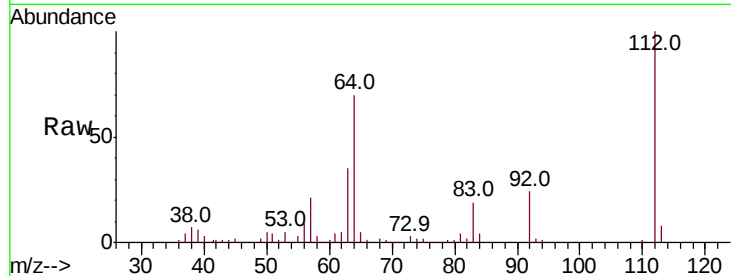
ClientSampleId :

PB114976BS

Tot Ion:	112	Resp:	279872
Ion Ratio	Lower	Upper	
112	100		
64	69.9	53.1	79.7
63	35.2	27.3	40.9

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#6

Aniline

Concen: 15.507 ng

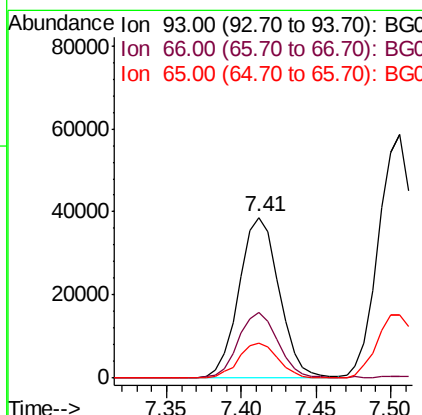
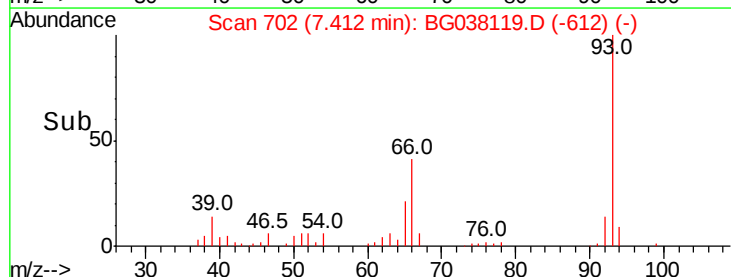
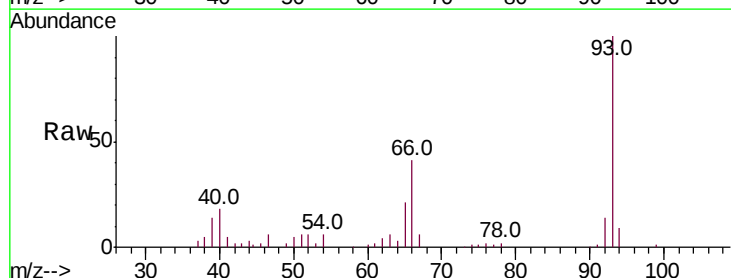
RT: 7.41 min Scan# 702

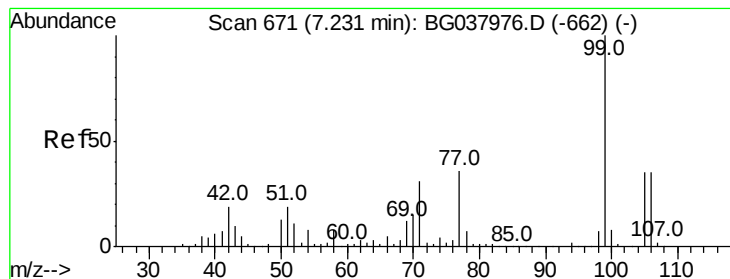
Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:	93	Resp:	72039
Ion Ratio	Lower	Upper	
93	100		
66	41.2	32.8	49.2
65	21.5	16.4	24.6





#7

Phenol-d6

Concen: 108.538 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

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BNA_G

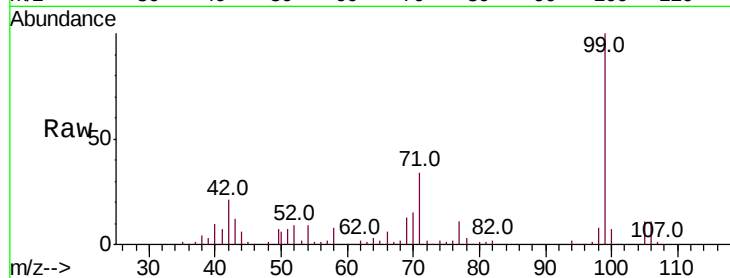
ClientSampleId :

PB114976BS

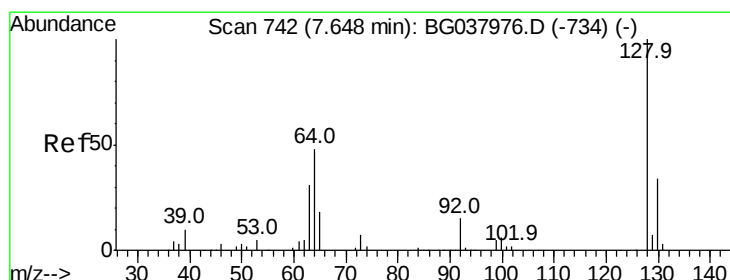
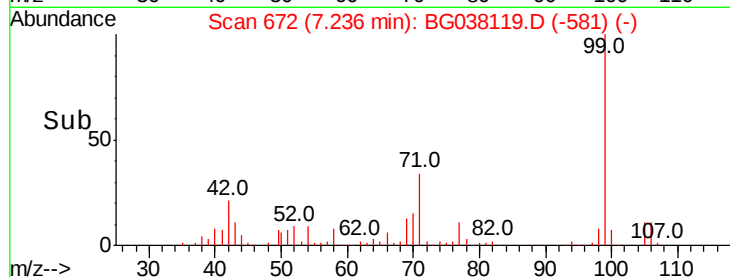
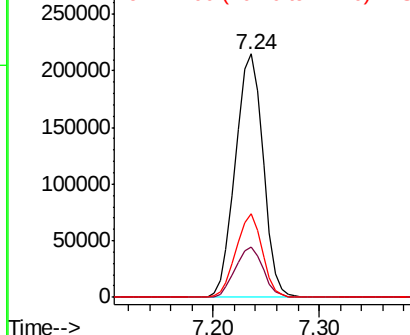
Tot Ion:	99	Resp:	390683
Ion Ratio	Lower	Upper	
99	100		
42	20.8	15.0	22.4
71	34.2	25.5	38.3

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



#8

2-Chlorophenol

Concen: 36.172 ng

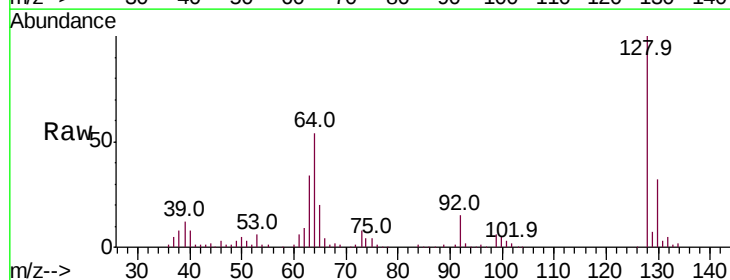
RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

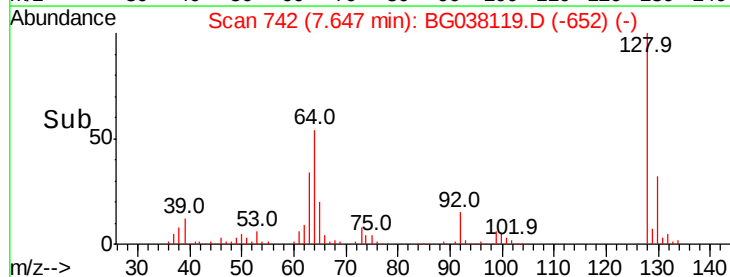
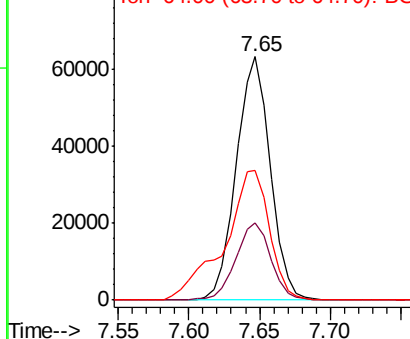
Lab File: BG038119.D

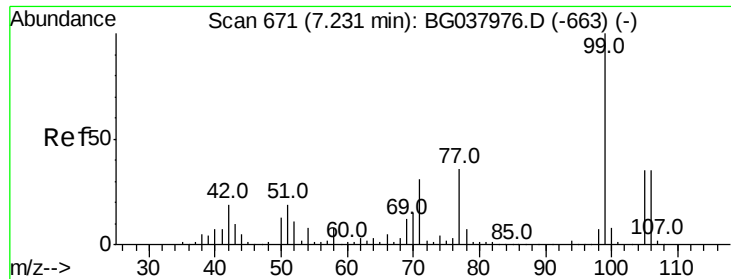
Acq: 21 Nov 2018 16:16

Tgt Ion:	128	Resp:	105837
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.0	52.0
64	53.5	32.9	72.9



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





#9

Benzaldehyde

Concen: 24.522 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampleID :

PB114976BS

Tot Ion: 77 Resp: 63832

Ion Ratio Lower Upper

77 100

105 91.0 72.6 112.6

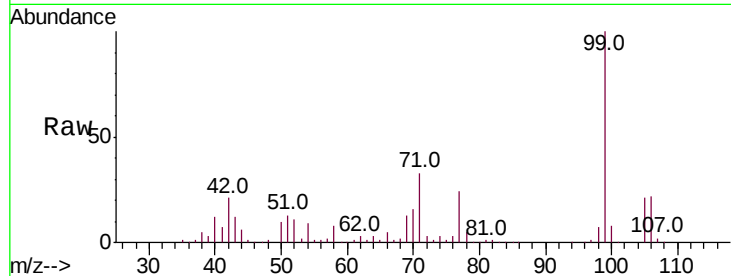
106 94.0 71.3 111.3

Manual Integrations

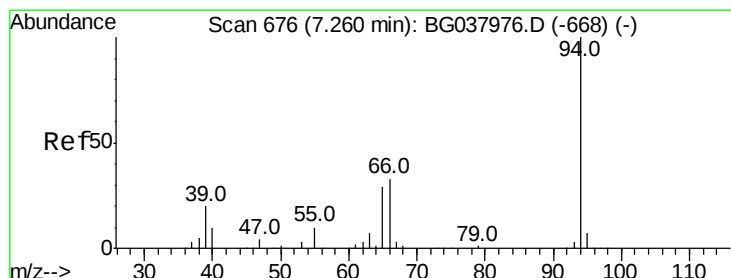
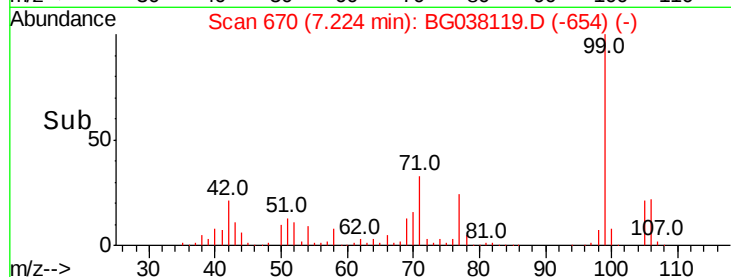
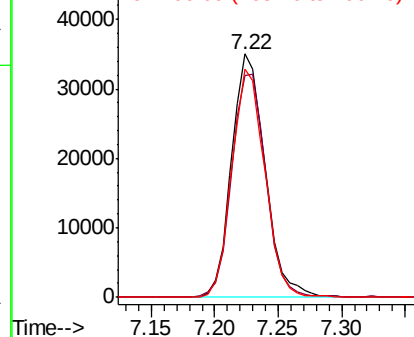
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.660 ng

RT: 7.26 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

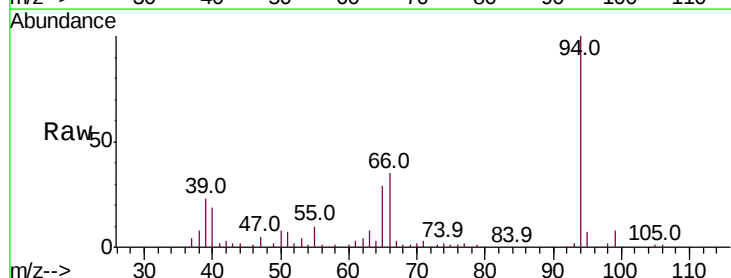
Tgt Ion: 94 Resp: 139773

Ion Ratio Lower Upper

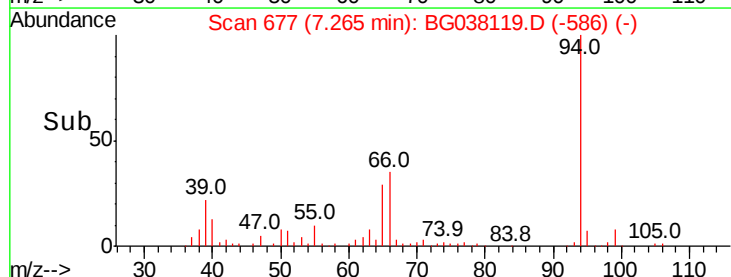
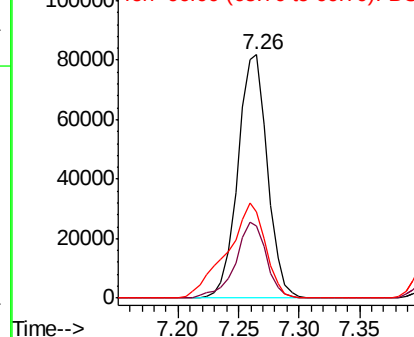
94 100

65 29.4 9.7 49.7

66 35.3 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





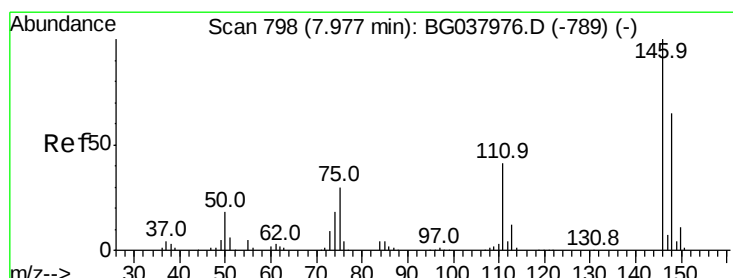
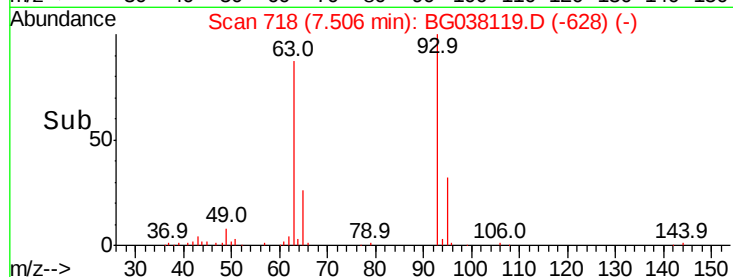
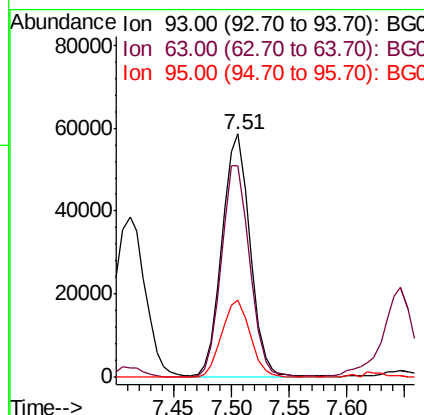
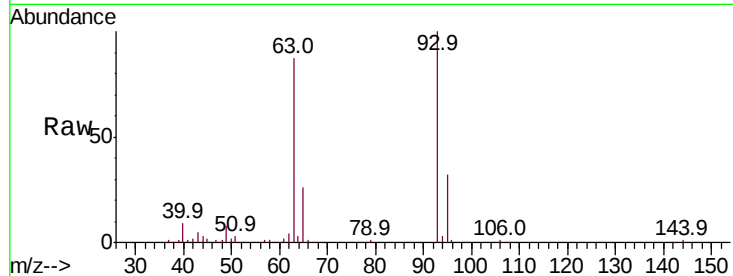
#11
bis(2-Chloroethyl)ether
Concen: 32.074 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.8	69.5	109.5
95	31.9	12.6	52.6

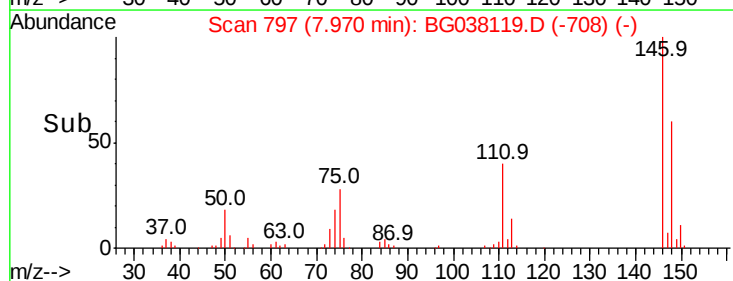
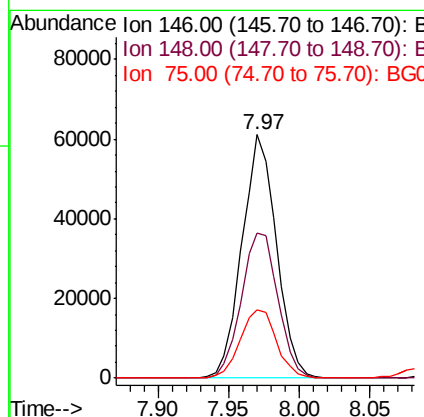
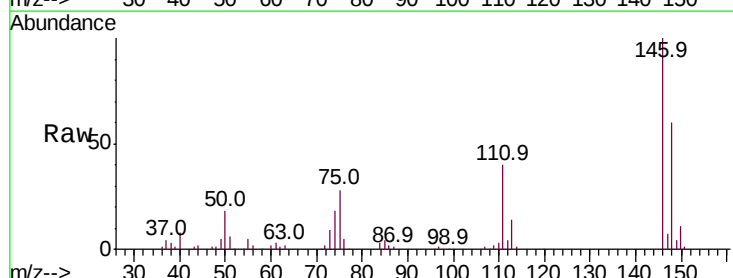
Manual Integrations
APPROVED

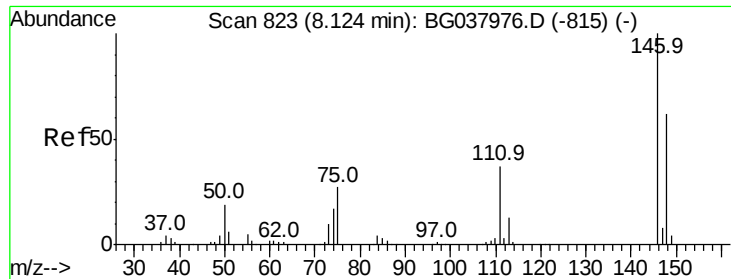
mohammad
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#12
1,3-Dichlorobenzene
Concen: 30.953 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.8	49.8	74.8
75	28.3	23.2	34.8





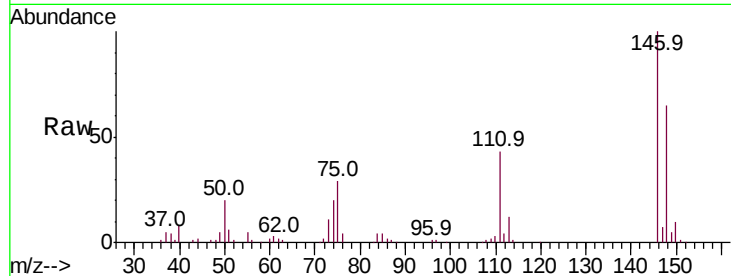
#13
 1,4-Dichlorobenzene
 Concen: 30.986 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.6
111	42.8	32.4	48.6

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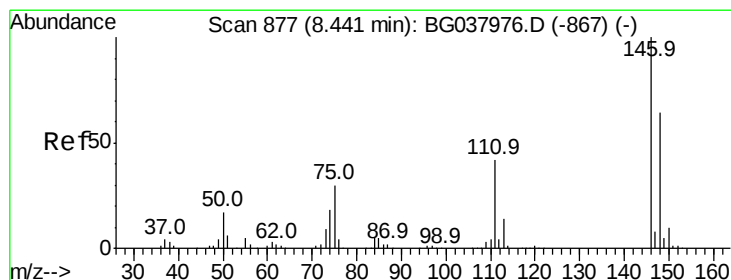
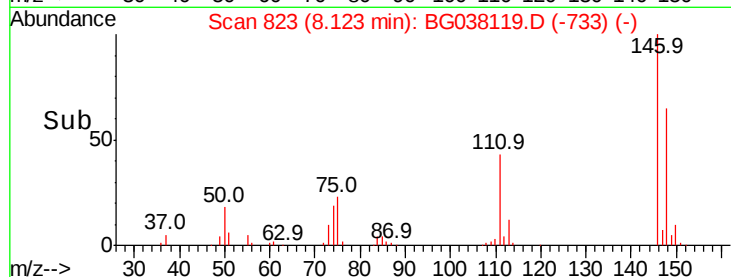
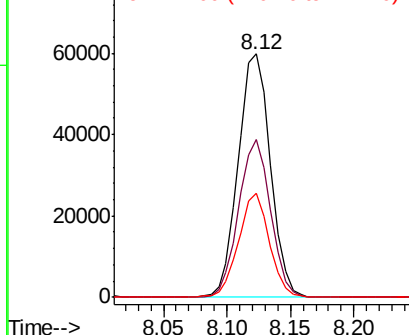


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 31.495 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

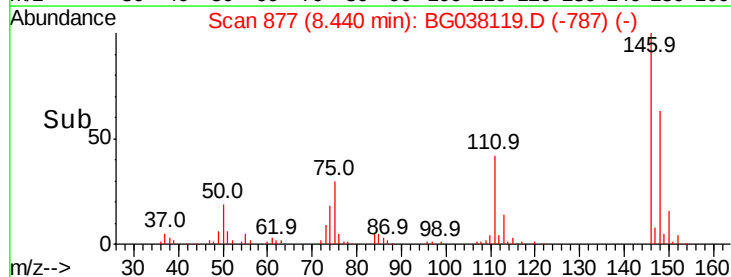
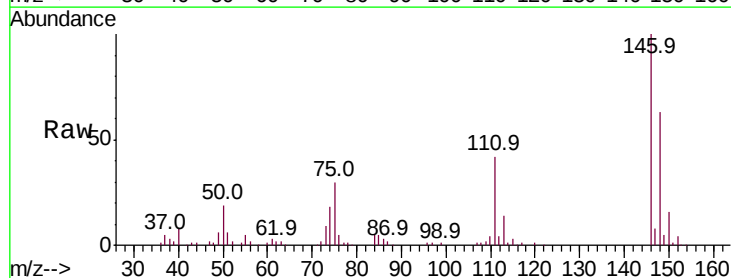
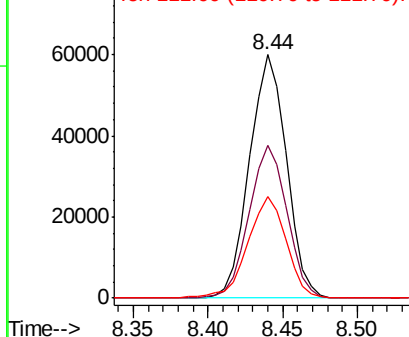
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	41.9	34.6	51.8

Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.901 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

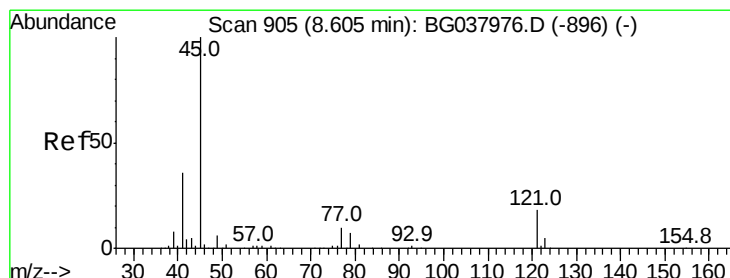
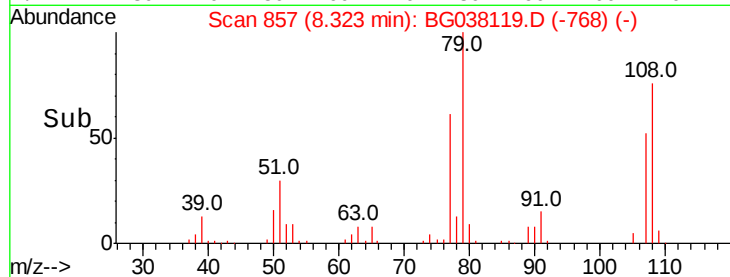
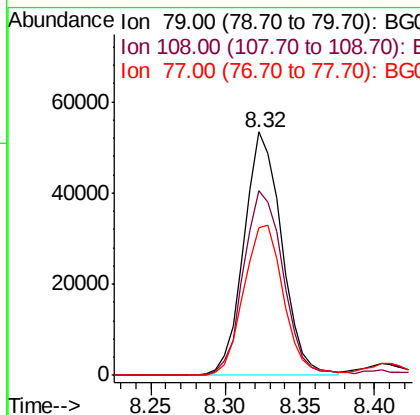
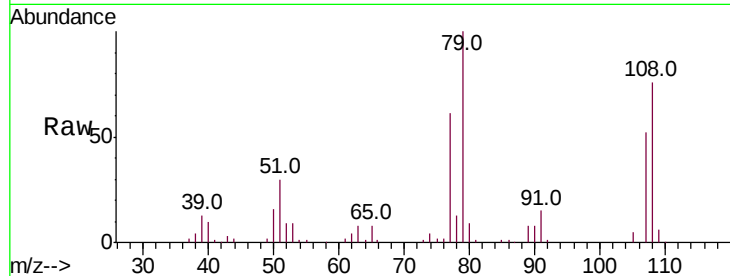
ClientSampleId :

PB114976BS

Tot Ion:	79	Resp:	93508
Ion Ratio	Lower	Upper	
79	100		
108	75.7	65.8	98.8
77	60.6	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.325 ng

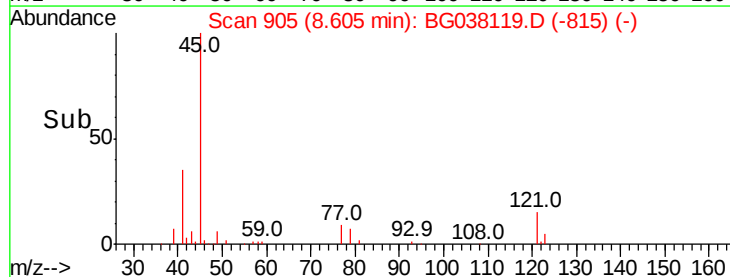
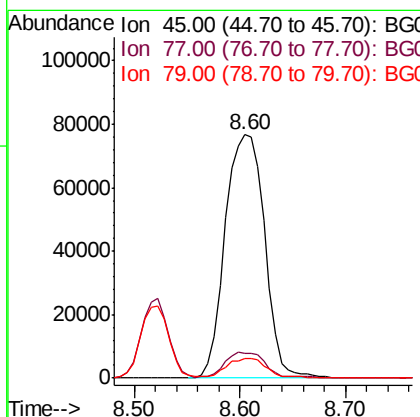
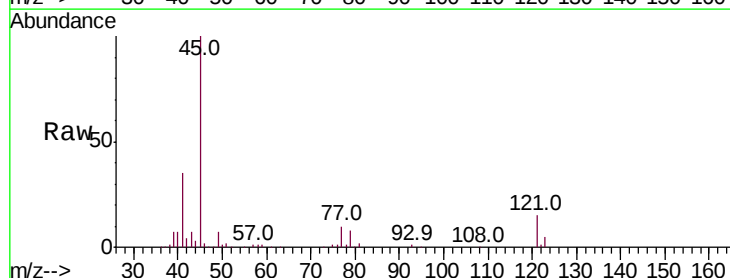
RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:	45	Resp:	198392
Ion Ratio	Lower	Upper	
45	100		
77	10.0	0.0	30.0
79	8.1	0.0	29.0





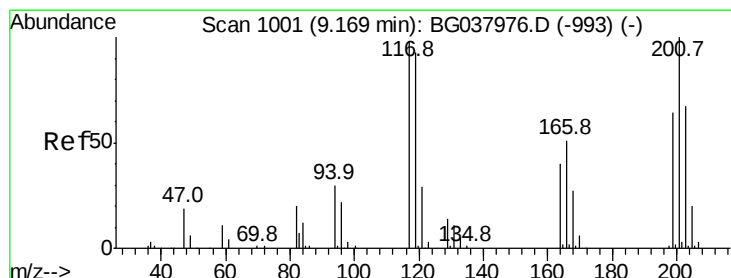
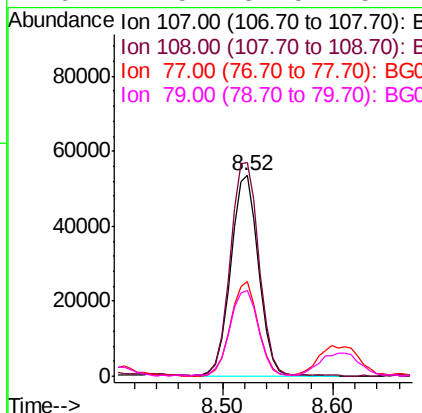
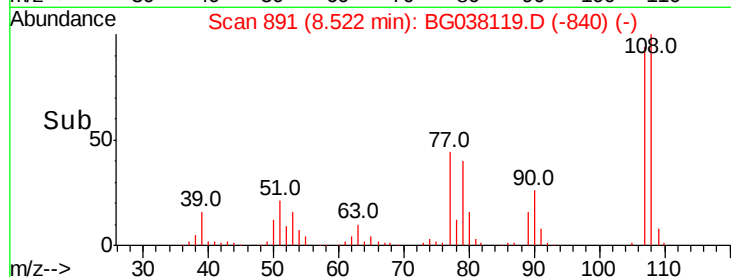
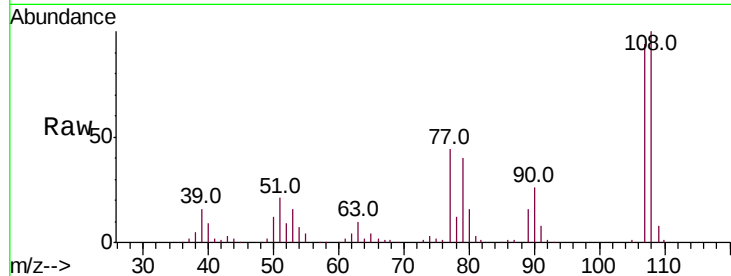
#17
2-Methylphenol
Concen: 36.820 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	107	Resp	94909
Ion	Ratio	Lower	Upper
107	100		
108	106.4	87.9	131.9
77	47.1	35.1	52.7
79	42.5	34.5	51.7

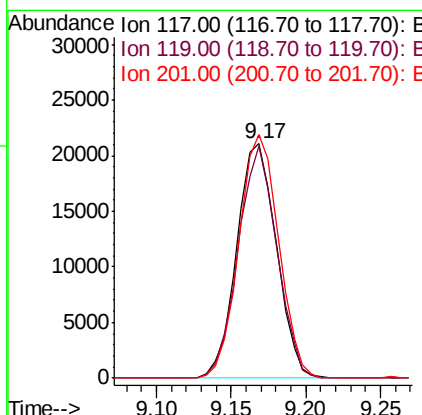
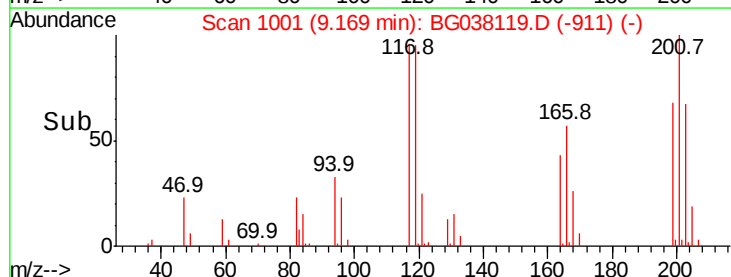
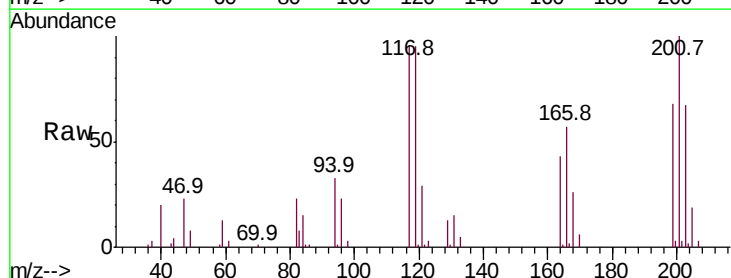
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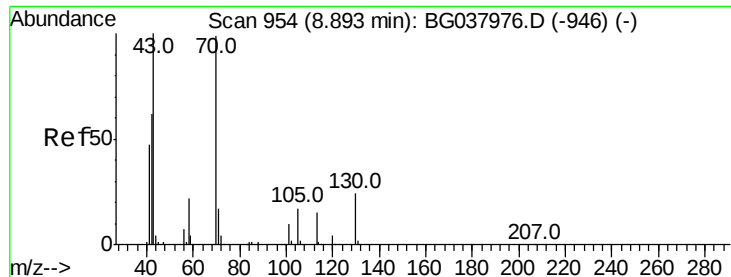
mohammad
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#18
Hexachloroethane
Concen: 31.313 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	117	Resp	38804
Ion	Ratio	Lower	Upper
117	100		
119	98.9	74.6	111.8
201	107.3	80.8	121.2





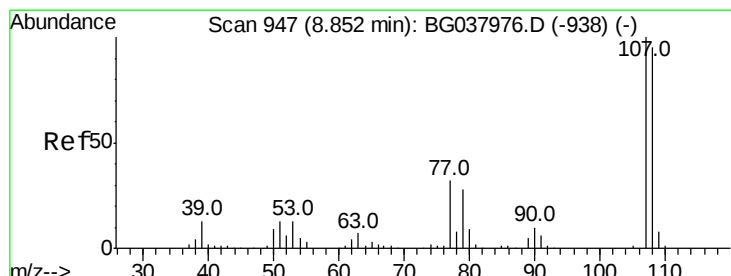
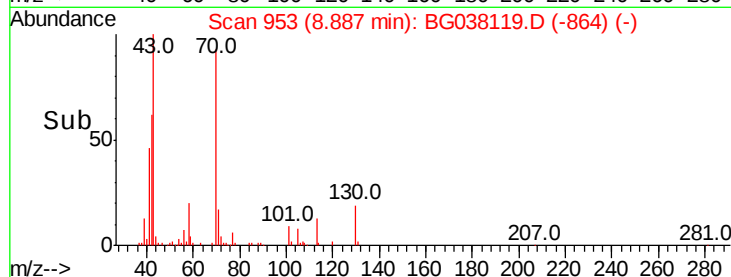
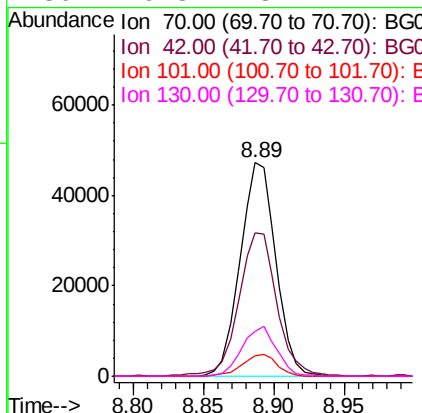
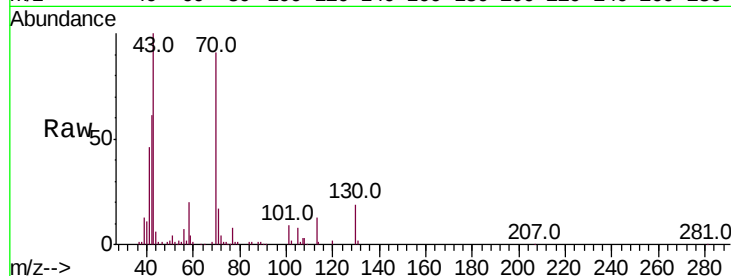
#19
n-Nitroso-di-n-propylamine
Concen: 31.967 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.9	53.9	80.9
101	9.4	8.2	12.2
130	20.8	18.2	27.4

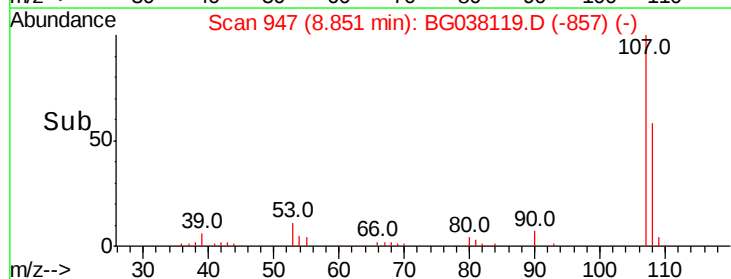
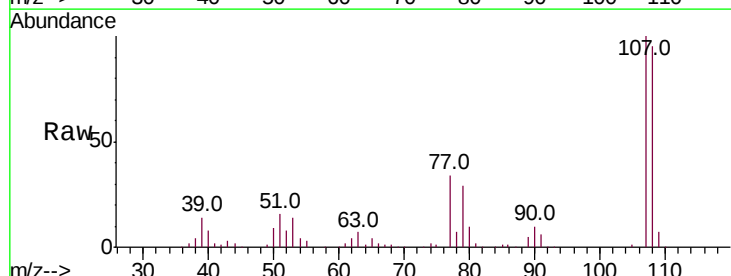
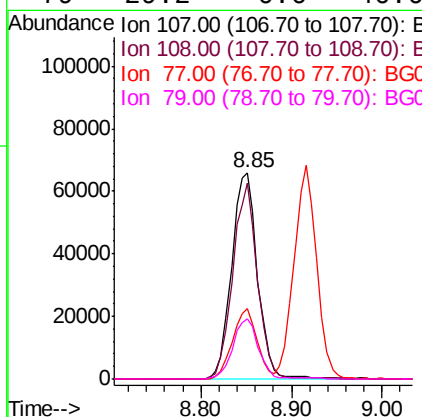
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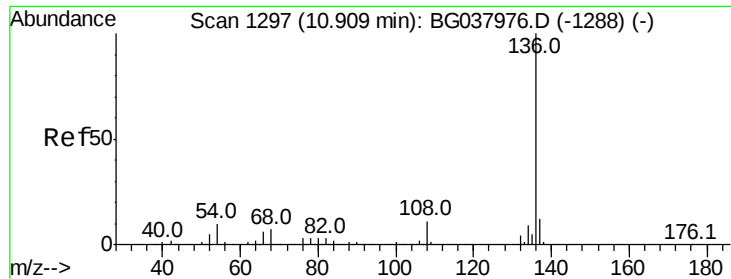
mohammad
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#20
3+4-Methylphenols
Concen: 35.874 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.1	69.9	109.9
77	33.9	11.2	51.2
79	29.2	6.6	46.6





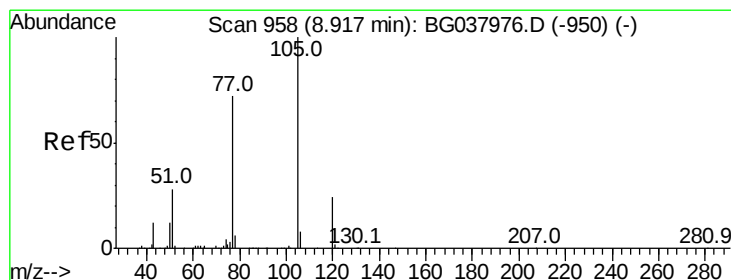
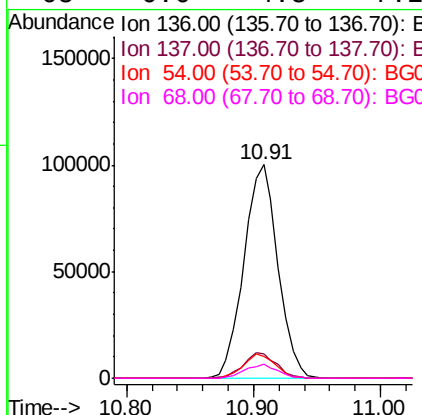
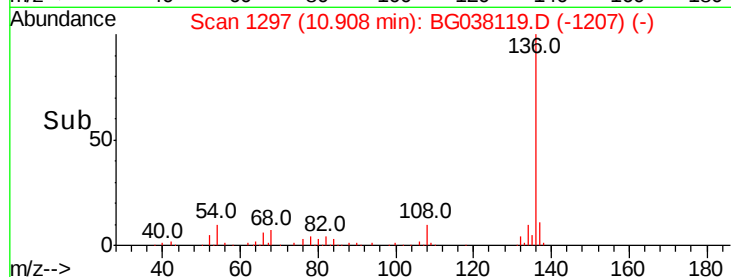
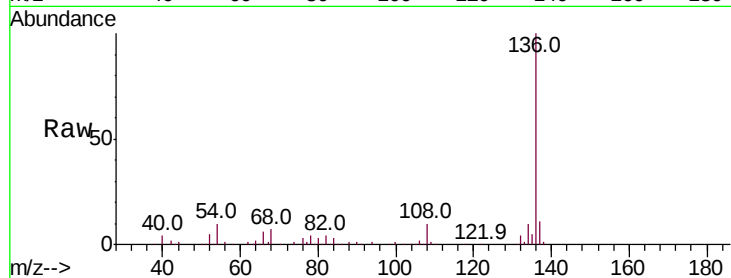
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.6	14.4	
54	10.1	7.9	11.9	
68	6.6	4.8	7.2	

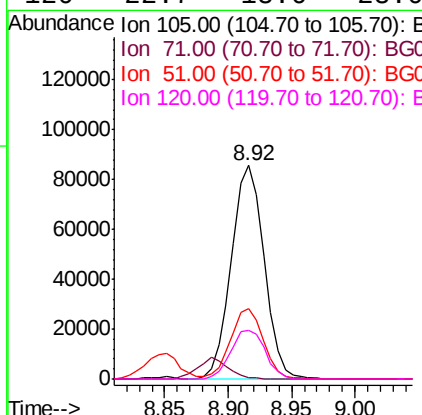
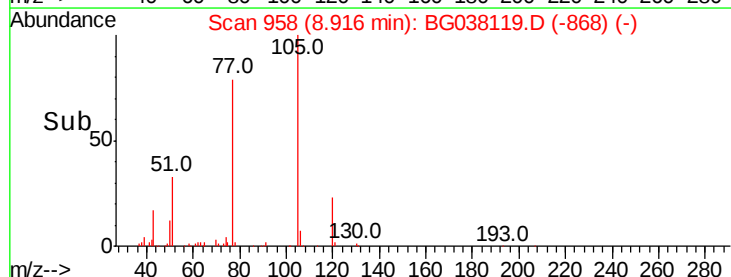
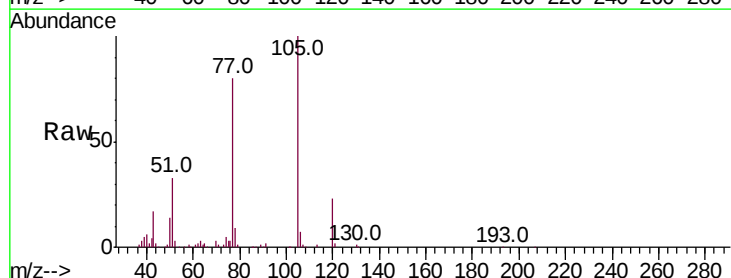
Manual Integrations
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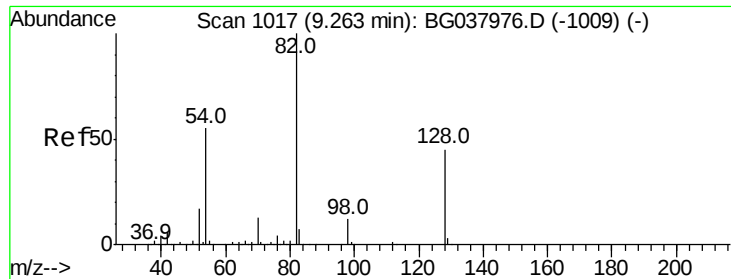
mohammad
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#22
Acetophenone
Concen: 33.117 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	1.2	1.8#	
51	33.1	25.0	37.6	
120	22.7	18.6	28.0	





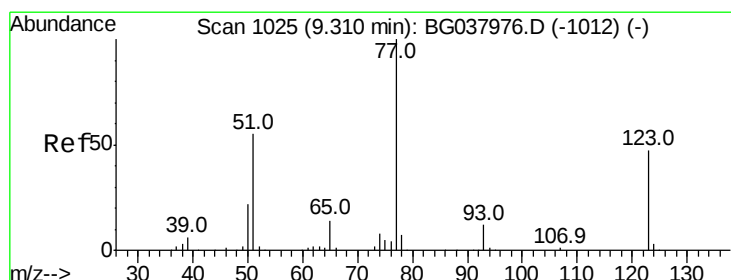
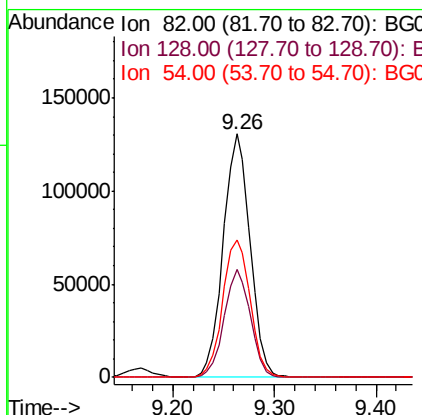
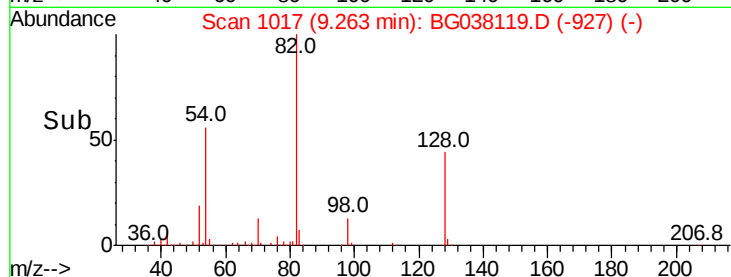
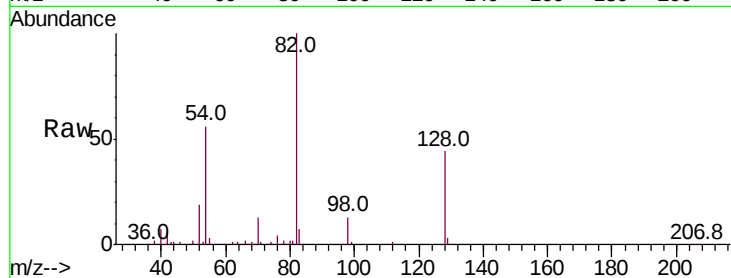
#23
Nitrobenzene-d5
Concen: 68.708 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.5	34.6	51.8	
54	56.5	45.3	67.9	

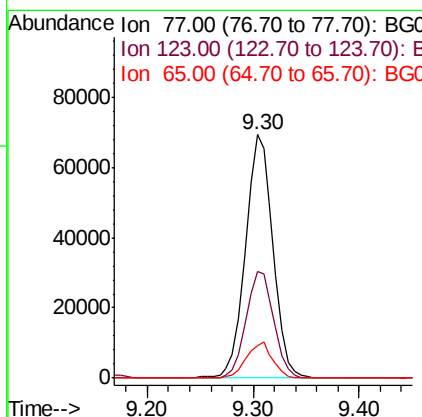
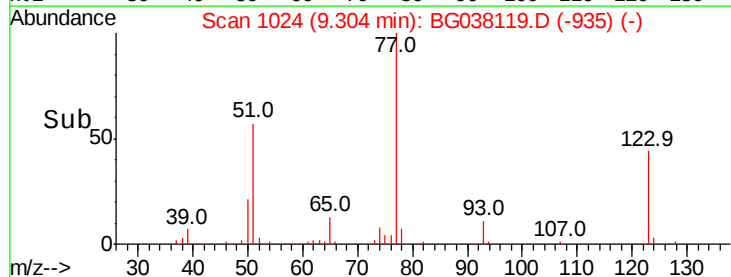
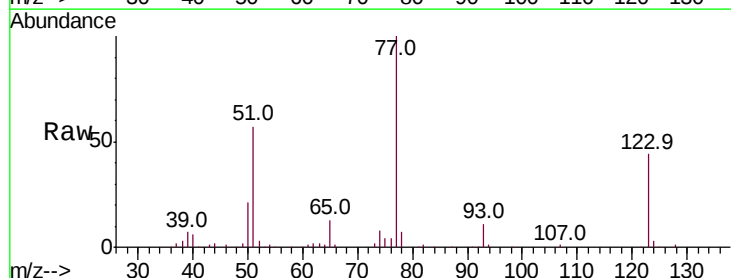
Manual Integrations
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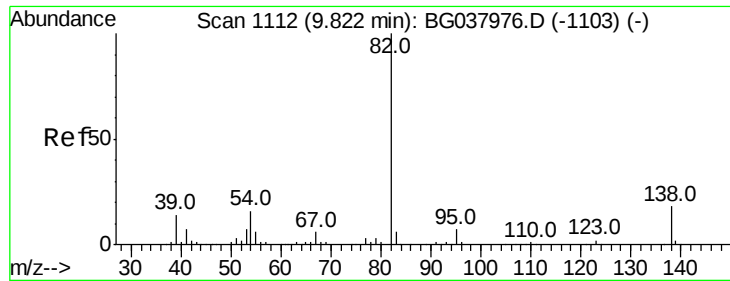
mohammad
11/23/2018 11:50:14 AM



#24
Nitrobenzene
Concen: 35.170 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.5	33.6	50.4	
65	13.4	11.3	16.9	





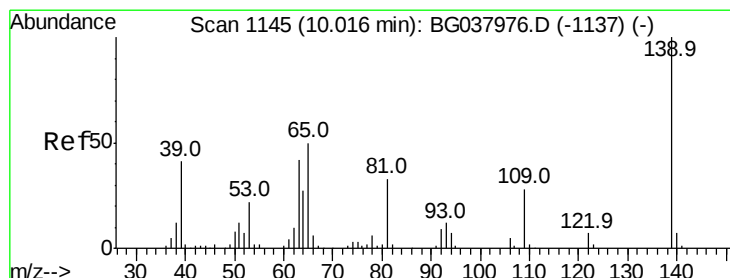
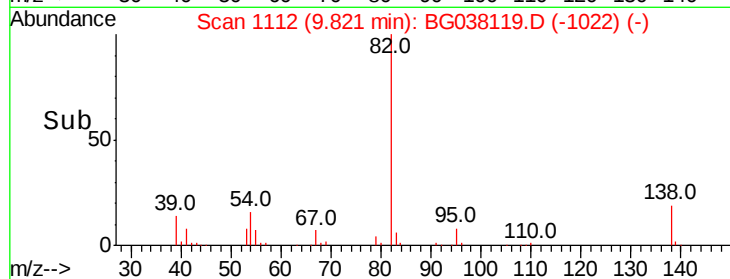
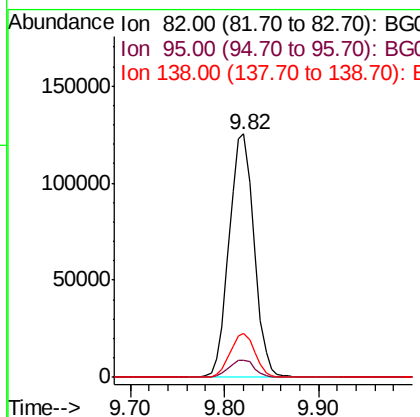
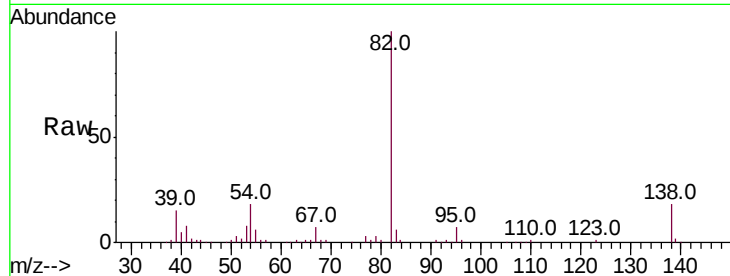
#25
Isophorone
Concen: 36.863 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	82	Resp	231142
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.3	7.9
138	18.1	13.3	19.9

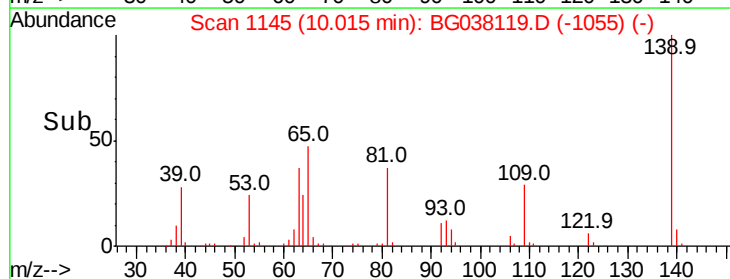
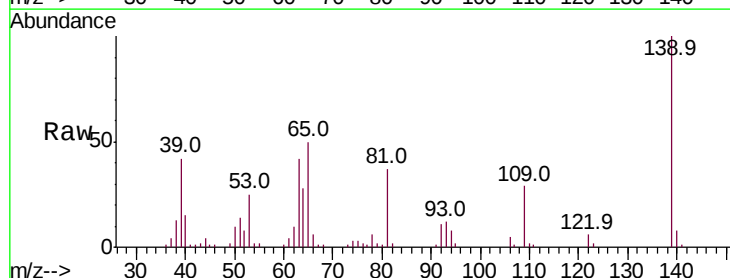
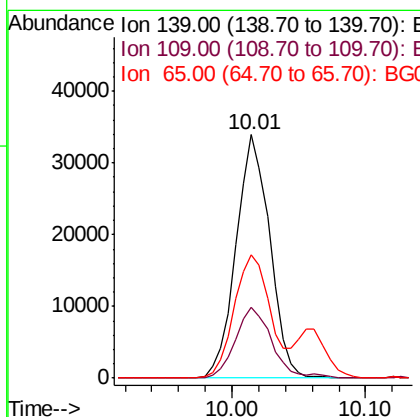
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#26
2-Nitrophenol
Concen: 33.377 ng
RT: 10.01 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	139	Resp	59379
Ion	Ratio	Lower	Upper
139	100		
109	29.3	23.3	34.9
65	50.4	39.8	59.8





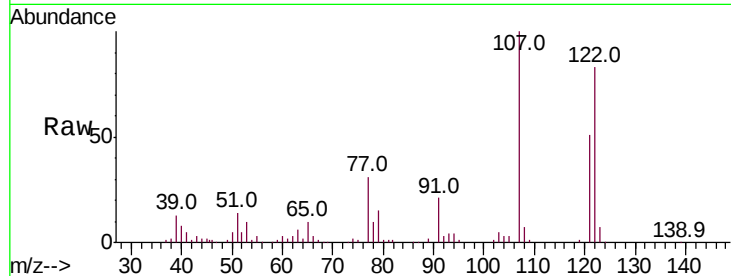
#27
2,4-Dimethylphenol
Concen: 40.087 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

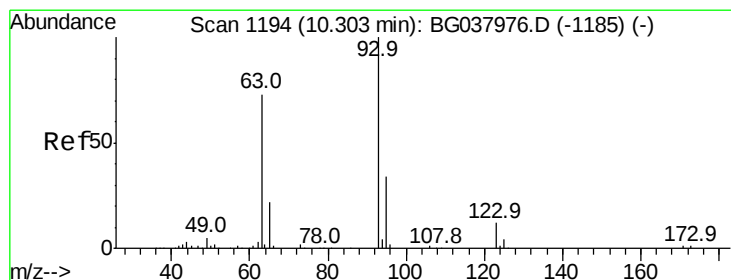
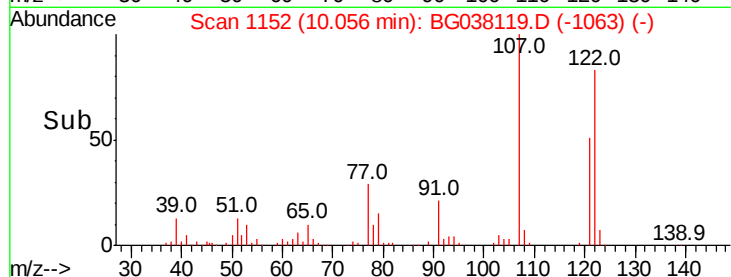
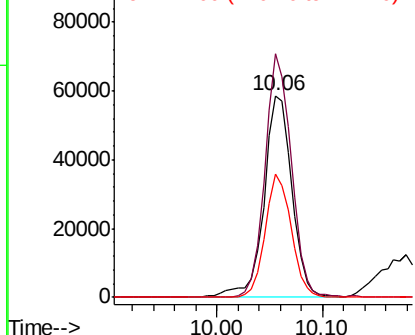
Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	120.6	94.2	141.2		
121	60.9	47.3	70.9		

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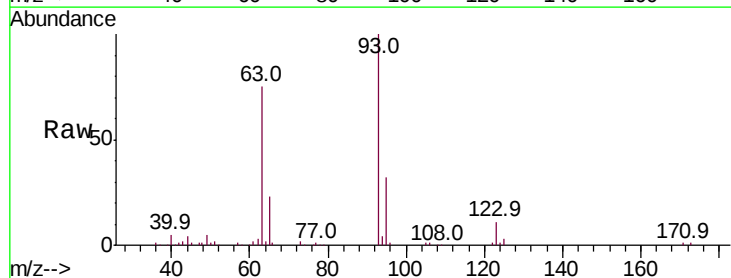


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

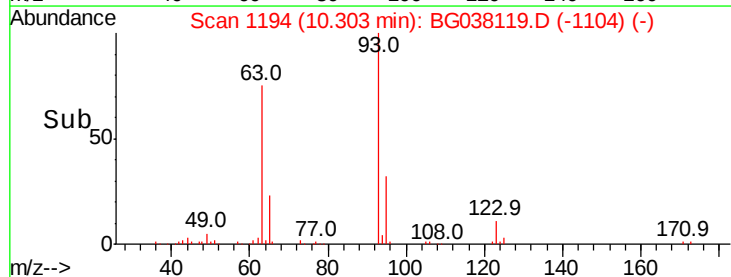
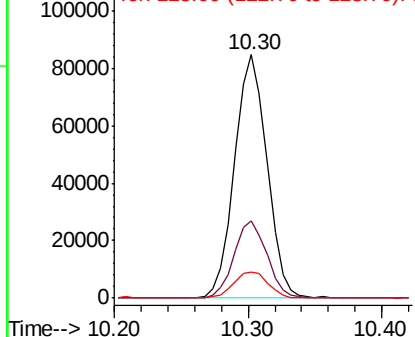


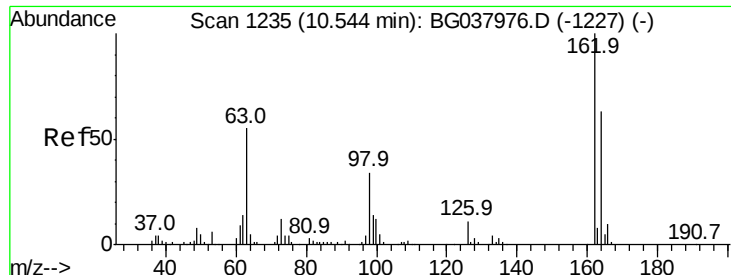
#28
bis(2-Chloroethoxy)methane
Concen: 35.639 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.0	24.6	37.0		
123	10.9	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





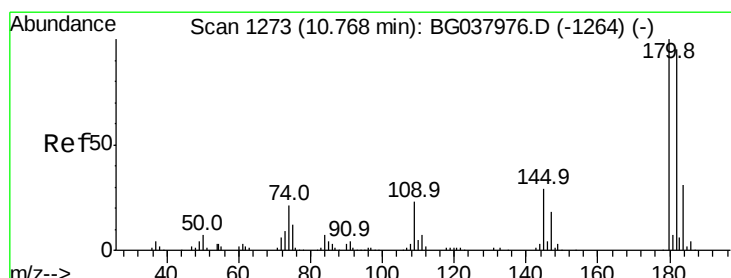
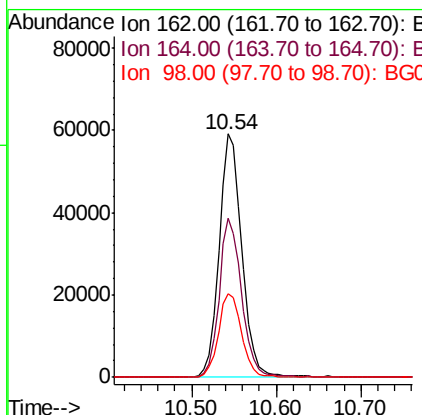
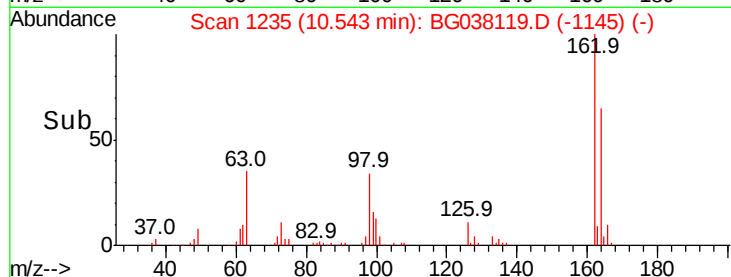
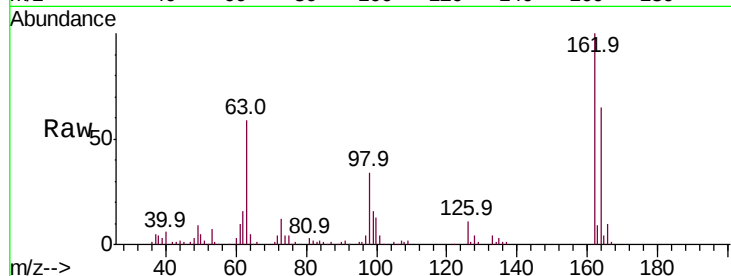
#29
 2,4-Dichlorophenol
 Concen: 36.628 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.2	43.2	83.2	
98	34.2	16.0	56.0	

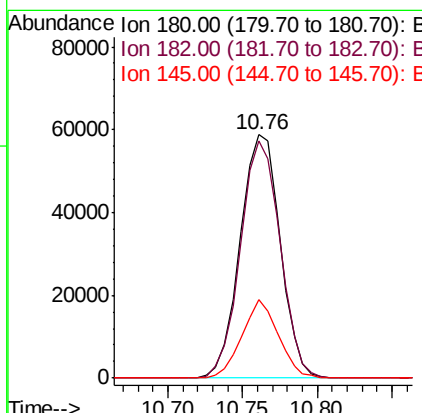
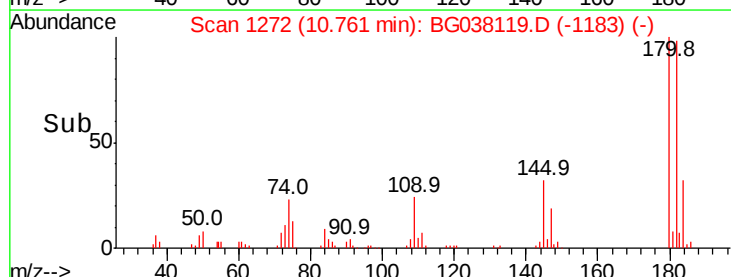
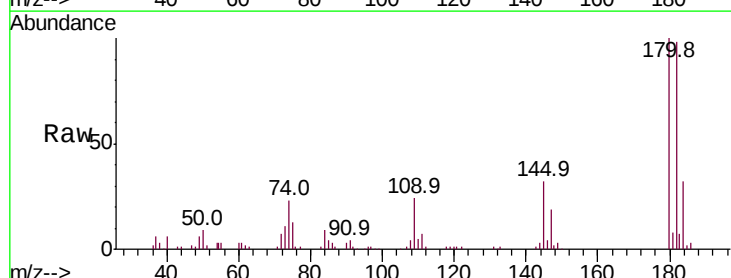
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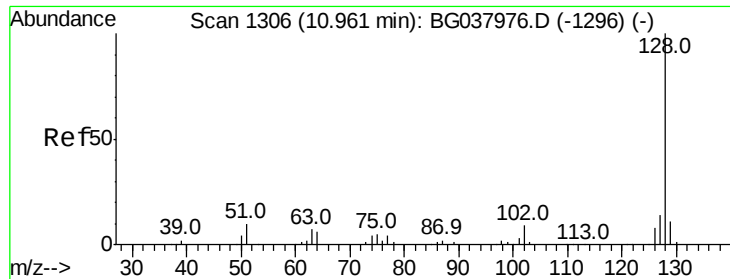
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.257 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.5	77.7	116.5	
145	32.2	23.3	34.9	





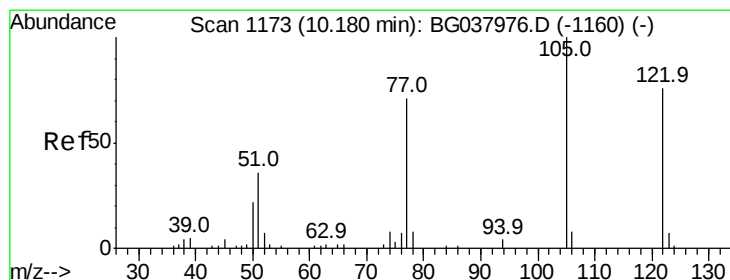
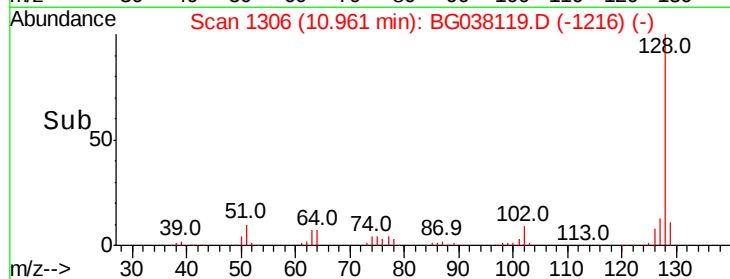
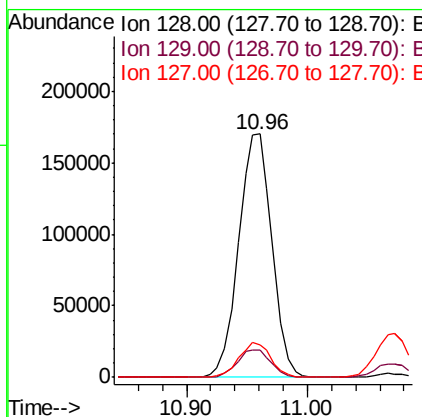
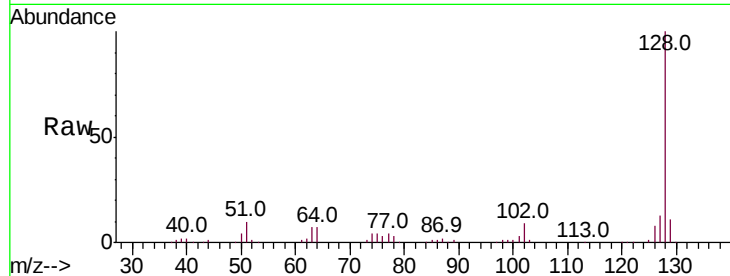
#31
Naphthalene
Concen: 35.381 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.3	11.1	16.7

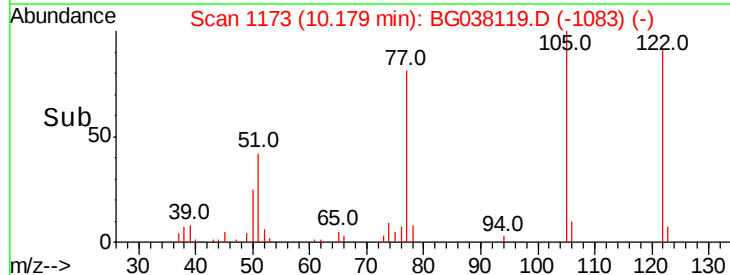
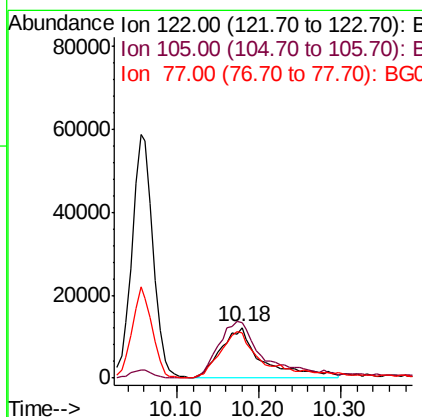
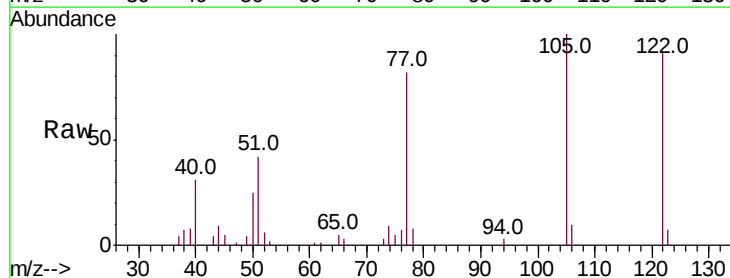
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#32
Benzoic acid
Concen: 30.032 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.0	106.7	146.7
77	90.4	72.2	112.2





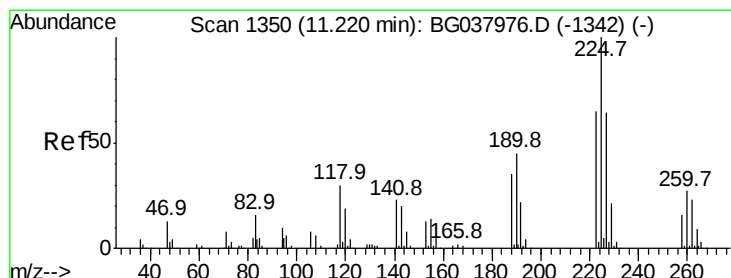
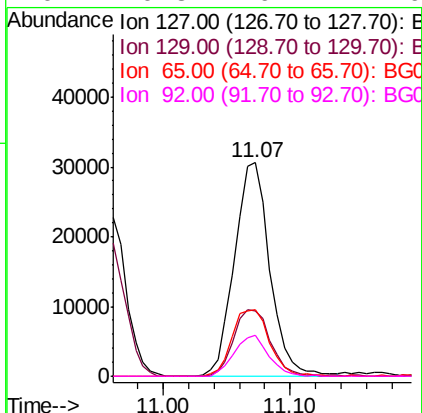
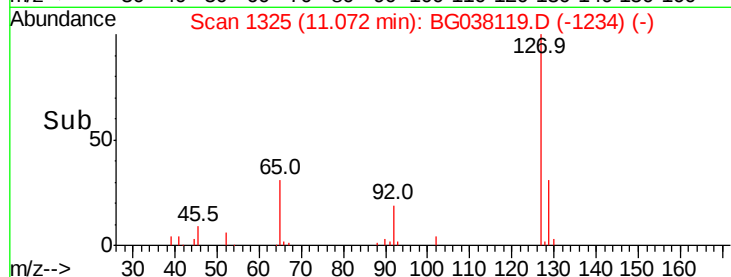
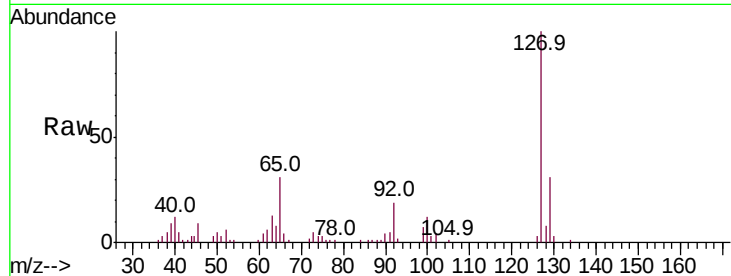
#33
4-Chloroaniline
Concen: 13.916 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.1	40.7
65	31.4	26.6	39.8
92	19.3	16.4	24.6

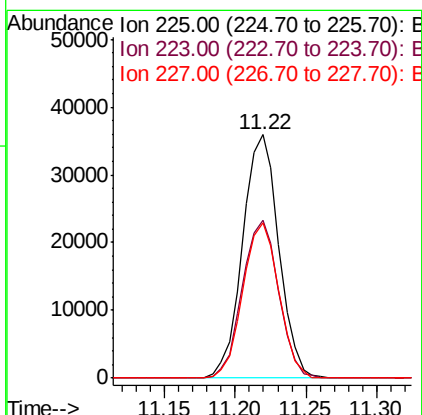
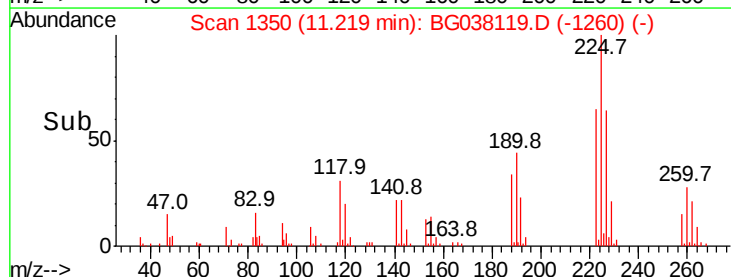
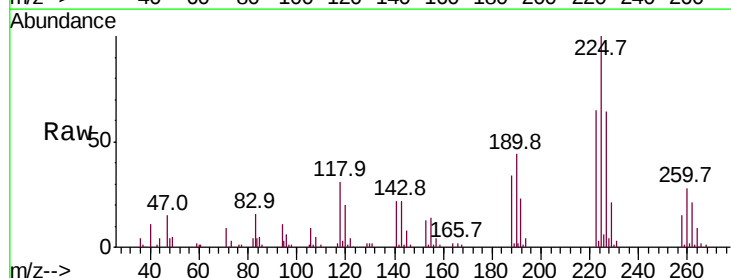
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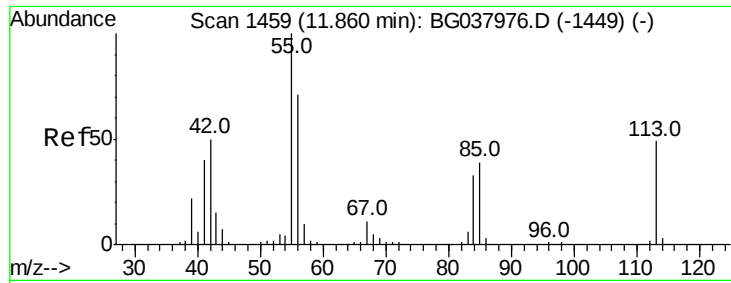
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#34
Hexachlorobutadiene
Concen: 31.019 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.2	72.4
227	63.6	51.6	77.4





#35

Caprolactam

Concen: 33.316 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

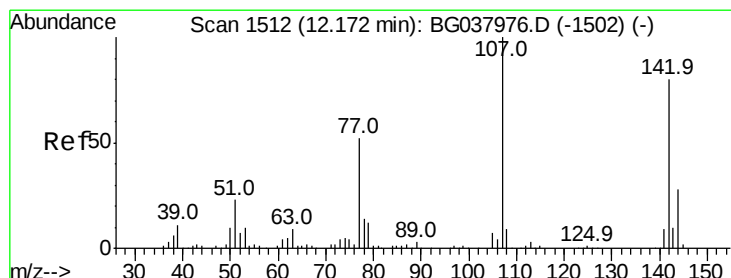
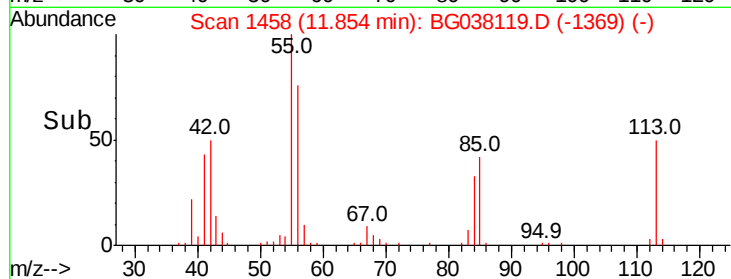
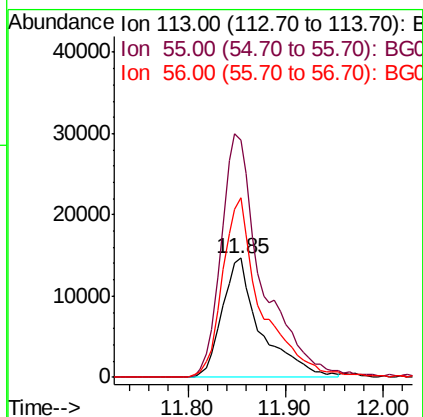
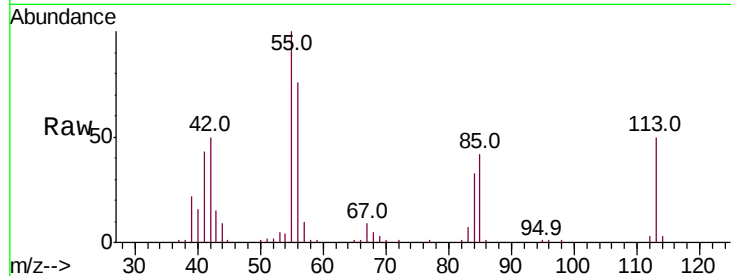
ClientSampleId :

PB114976BS

Tot Ion:	113	Resp:	40206
Ion Ratio	Lower	Upper	
113	100		
55	199.4	176.6	216.6
56	151.0	128.3	168.3

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#36

4-Chloro-3-methylphenol

Concen: 36.102 ng

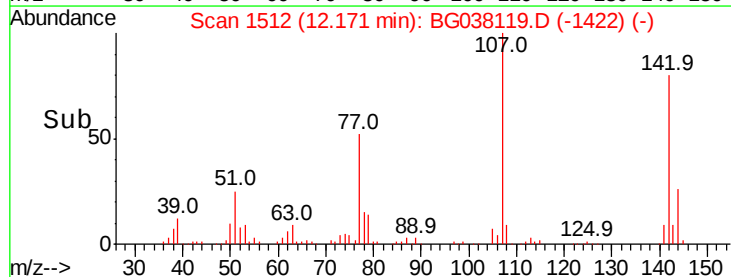
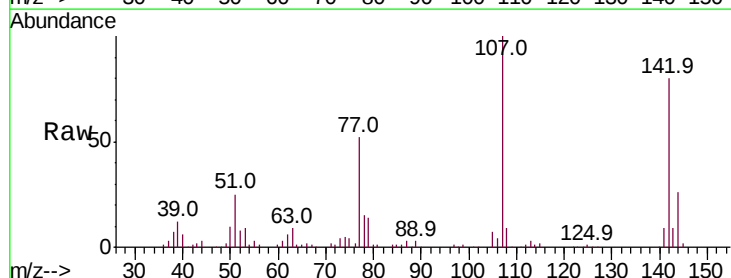
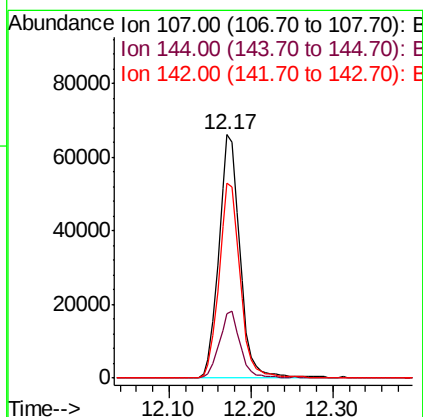
RT: 12.17 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:	107	Resp:	118917
Ion Ratio	Lower	Upper	
107	100		
144	26.5	20.7	31.1
142	80.0	64.4	96.6





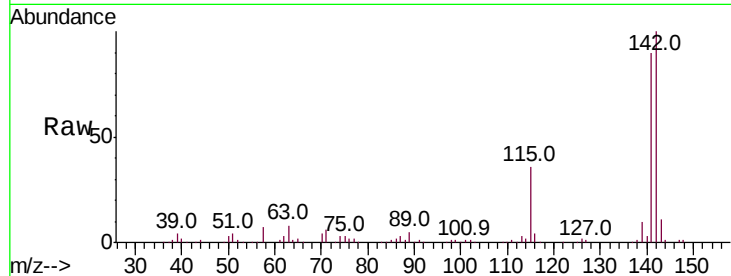
#37
2-Methylnaphthalene
Concen: 36.930 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
115	36.0	27.8	41.8

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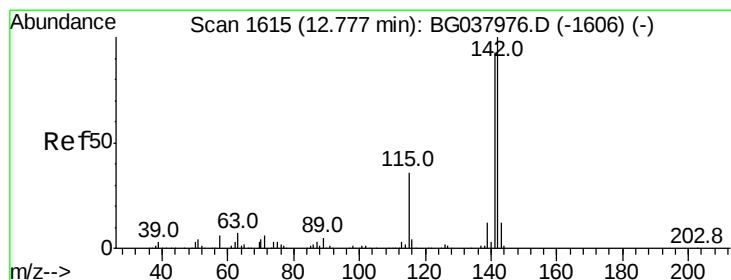
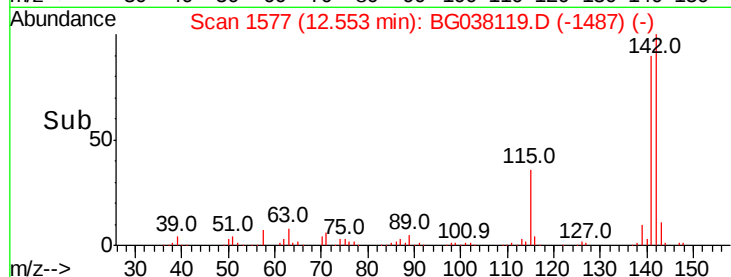
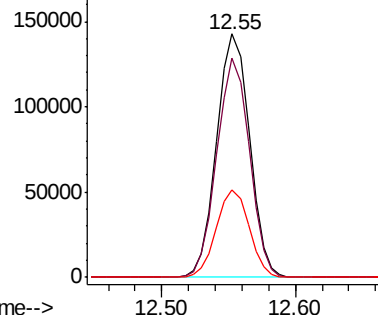


Abundance

Ion 142.00 (141.70 to 142.70): E

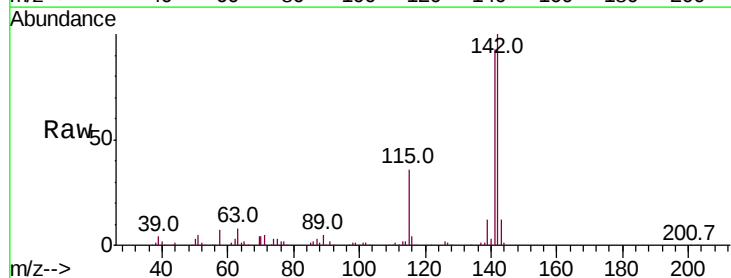
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.436 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.2	112.8
116	3.6	3.3	4.9

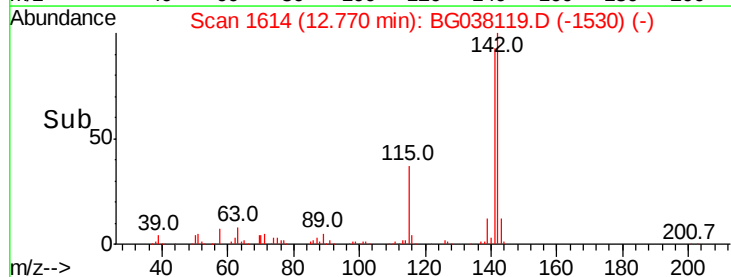
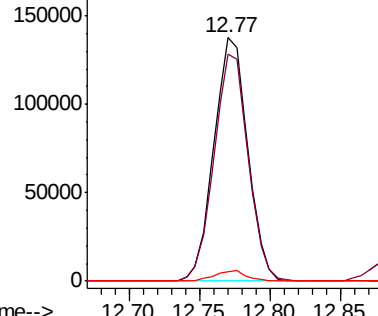


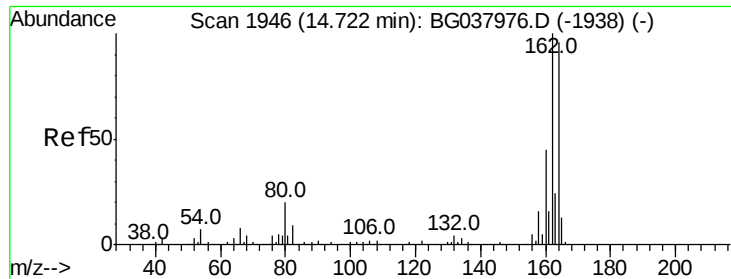
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





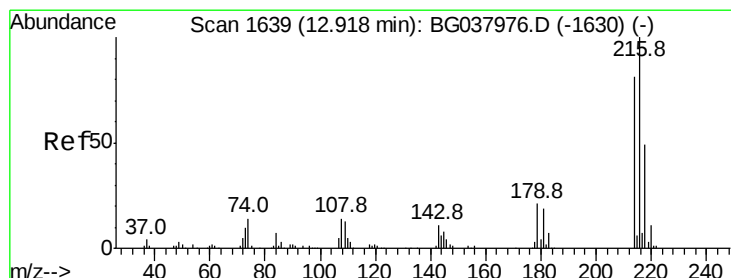
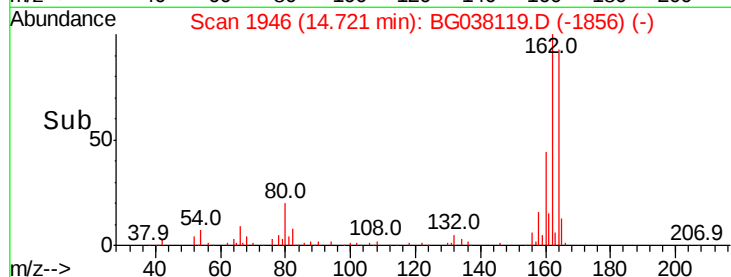
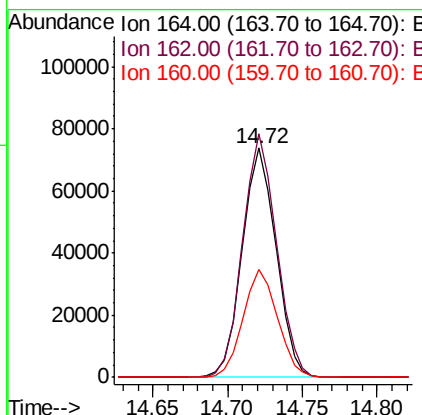
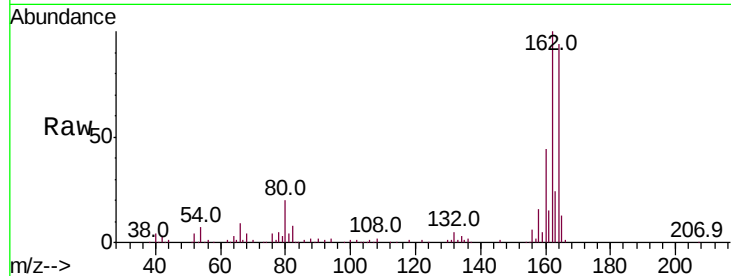
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.3	121.9
160	47.1	36.3	54.5

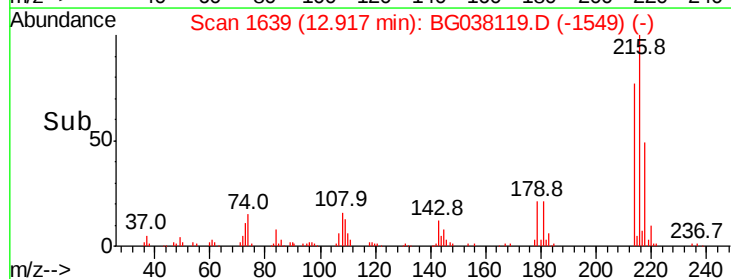
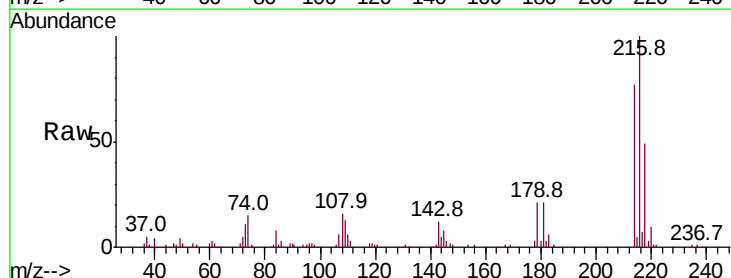
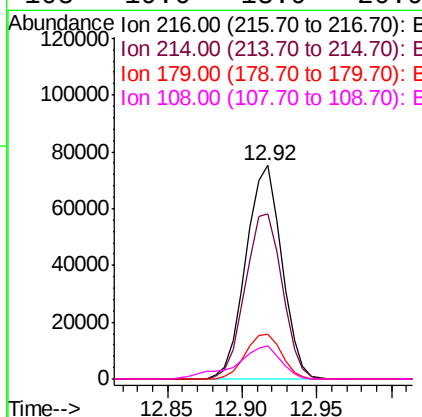
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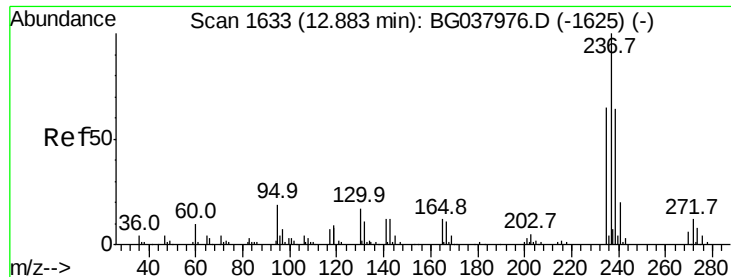
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.183 ng
RT: 12.92 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.6
179	21.1	17.4	26.0
108	19.6	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 70.798 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

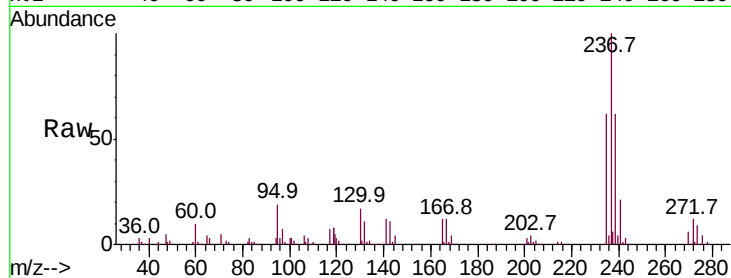
ClientSampleId :

PB114976BS

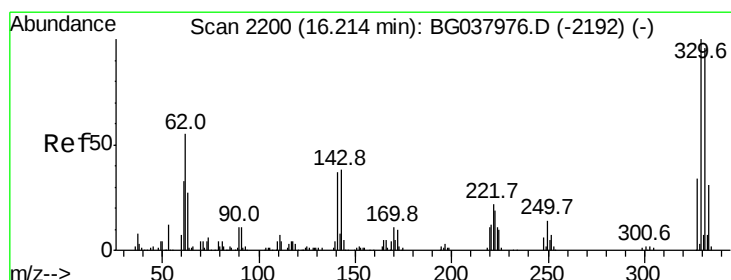
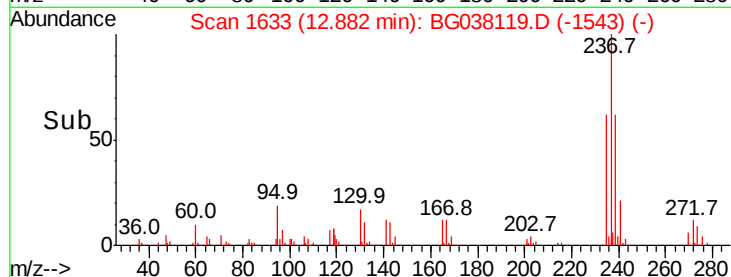
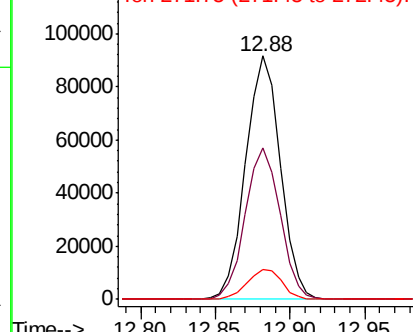
Tot Ion:	237	Resp:	147055
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.5	82.5
272	12.2	0.0	31.6

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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: 101.462 ng

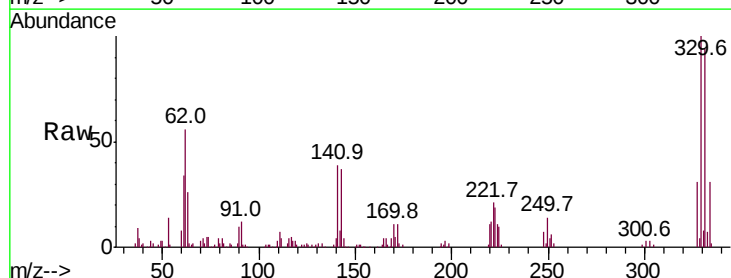
RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

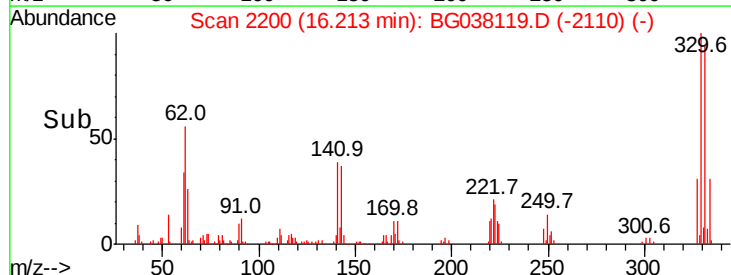
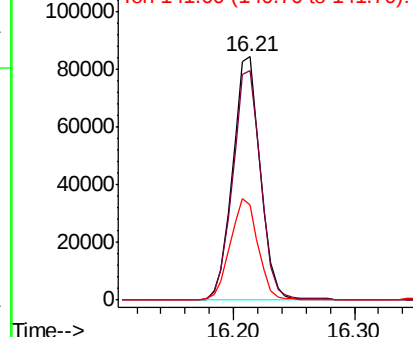
Lab File: BG038119.D

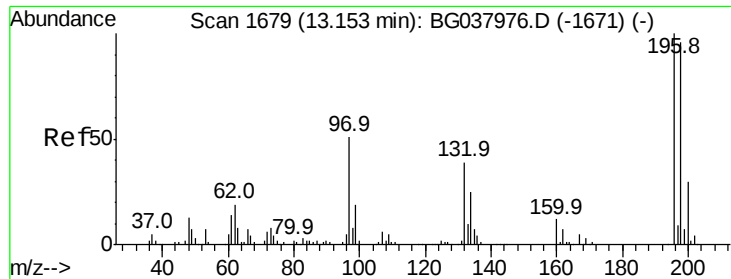
Acq: 21 Nov 2018 16:16

Tgt Ion:	330	Resp:	134326
Ion Ratio	Lower	Upper	
330	100		
332	96.1	78.4	117.6
141	41.6	32.2	48.2



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





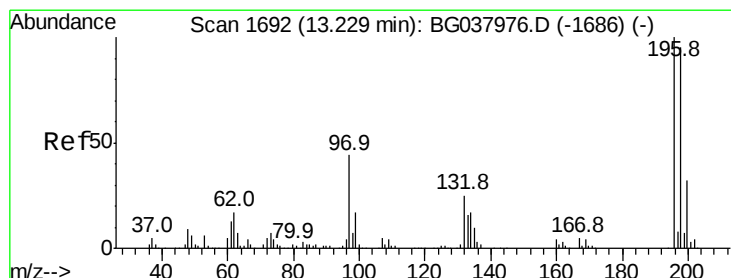
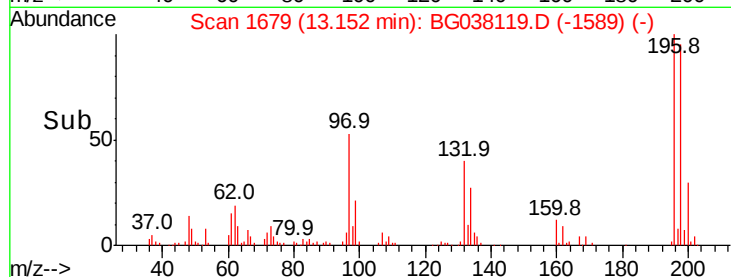
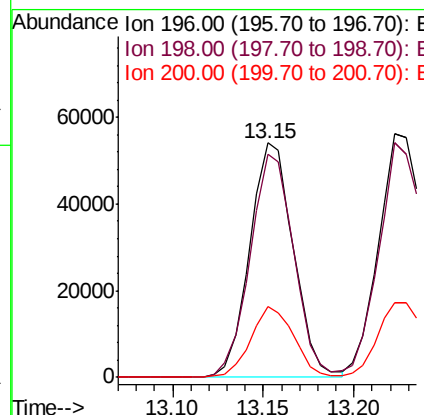
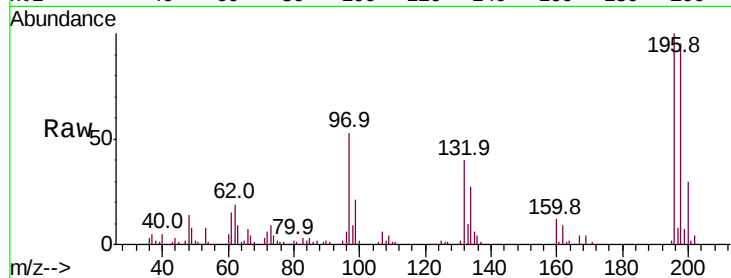
#43
 2,4,6-Trichlorophenol
 Concen: 34.237 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.4	114.6
200	30.0	24.9	37.3

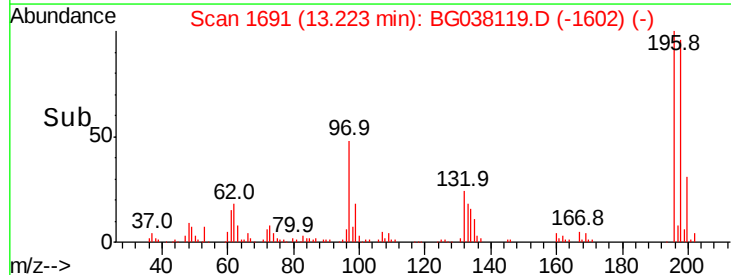
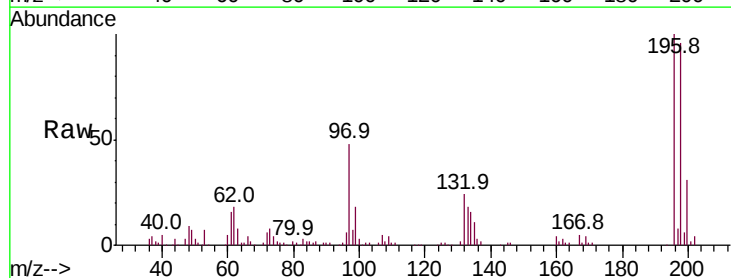
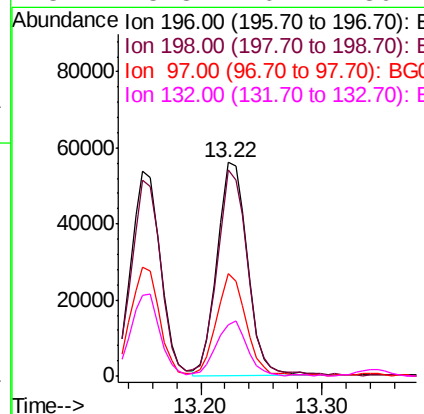
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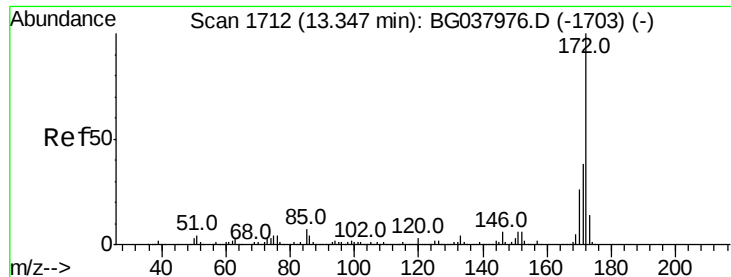
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 34.966 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.2	111.2
97	47.8	34.1	51.1
132	23.8	20.2	30.4





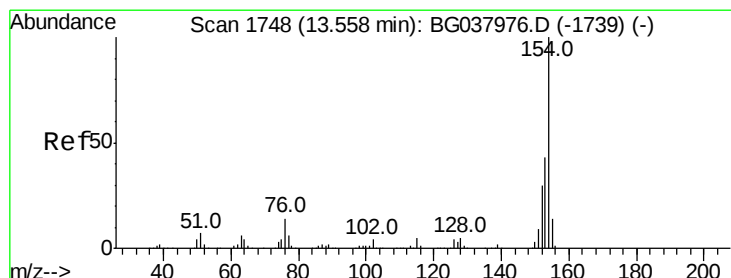
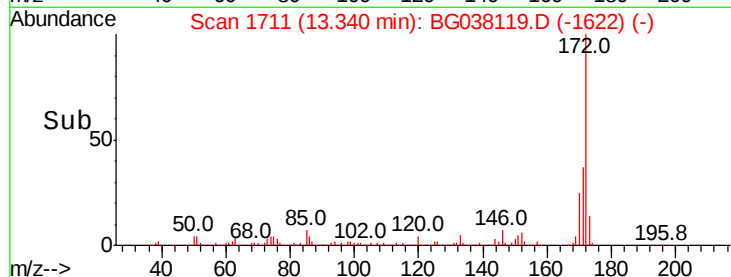
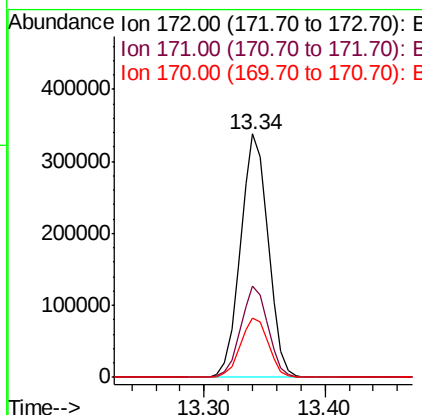
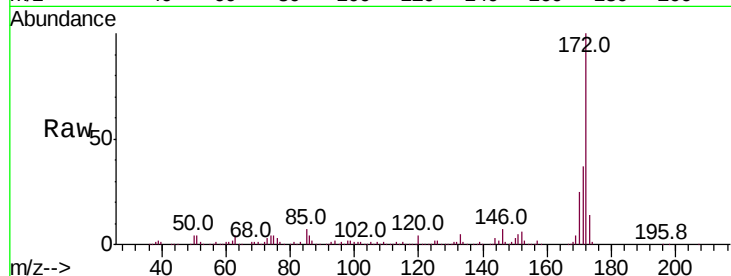
#45
2-Fluorobiphenyl
Concen: 67.607 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.6	20.2	30.2

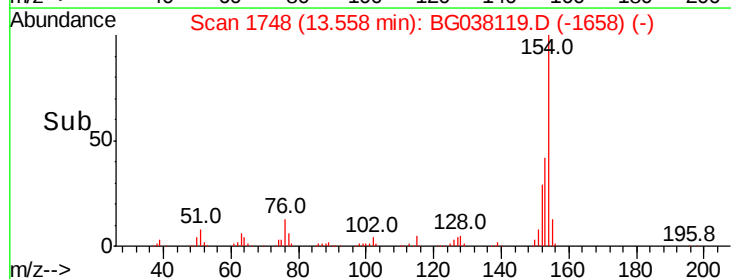
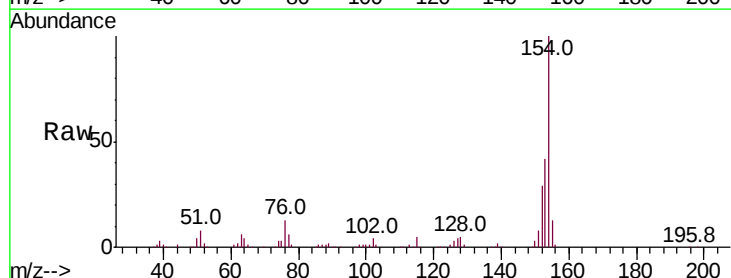
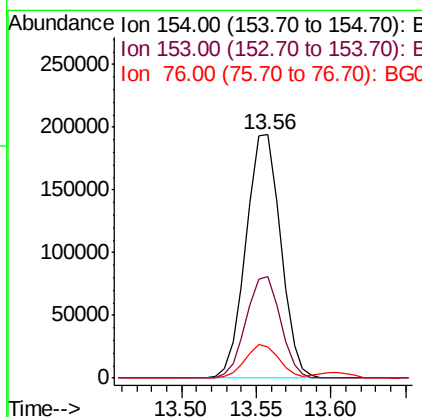
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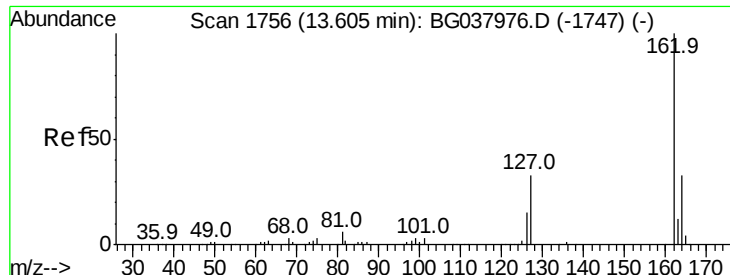
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#46
1,1'-Biphenyl
Concen: 32.051 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	13.0	0.0	33.2





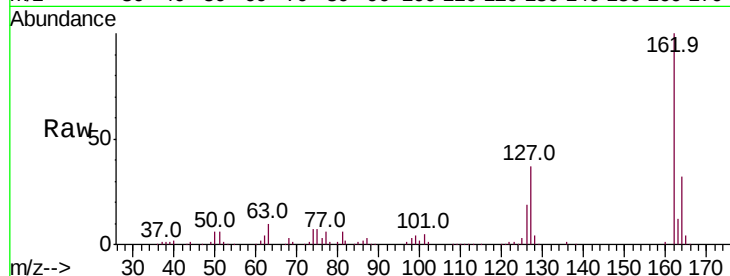
#47
2-Chloronaphthalene
Concen: 33.203 ng
RT: 13.60 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

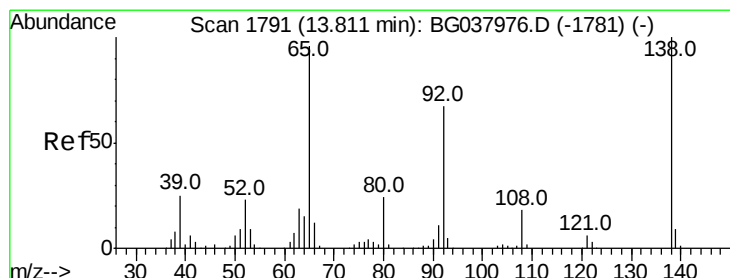
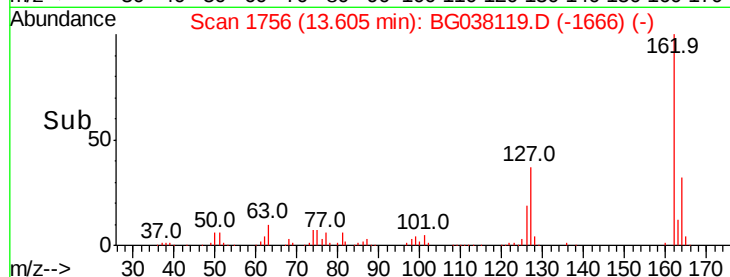
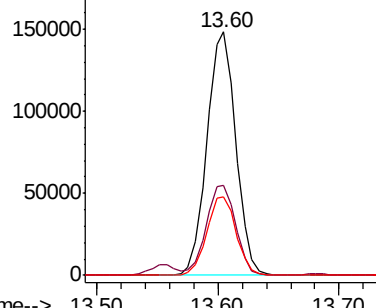
Tot Ion	Ratio	Resp	Lower	Upper
162	100	247089		
127	37.0		30.5	45.7
164	32.1		26.4	39.6

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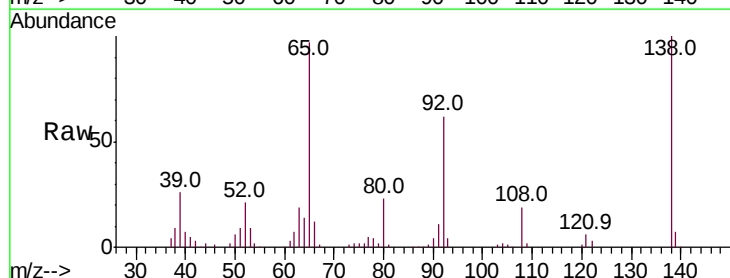


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

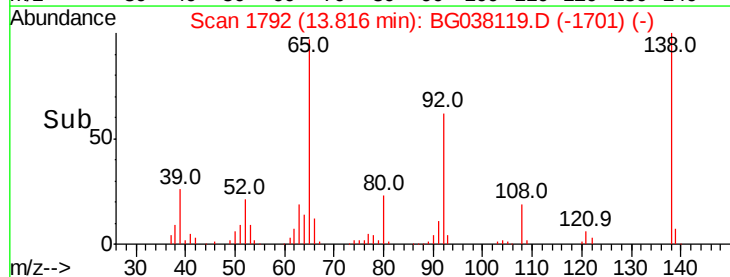
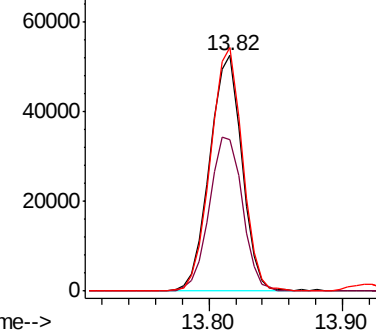


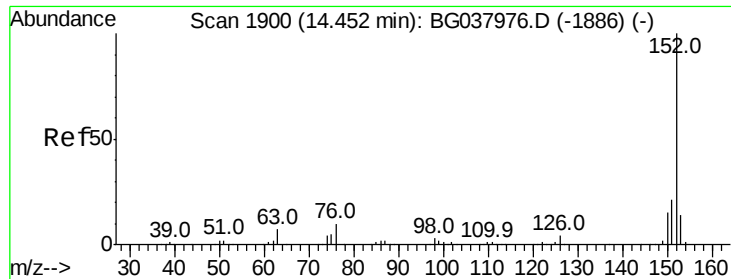
#48
2-Nitroaniline
Concen: 37.455 ng
RT: 13.82 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	87724		
92	64.4		53.2	79.8
138	103.3		79.3	118.9



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





#49

Acenaphthylene

Concen: 36.537 ng

RT: 14.44 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

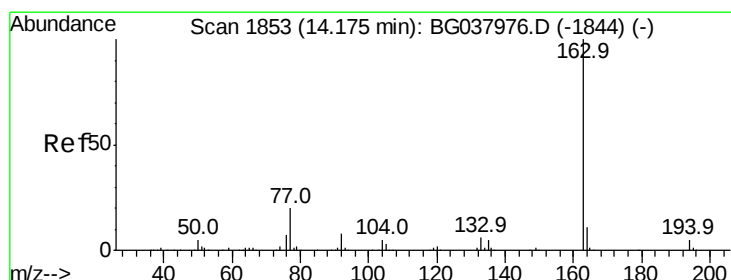
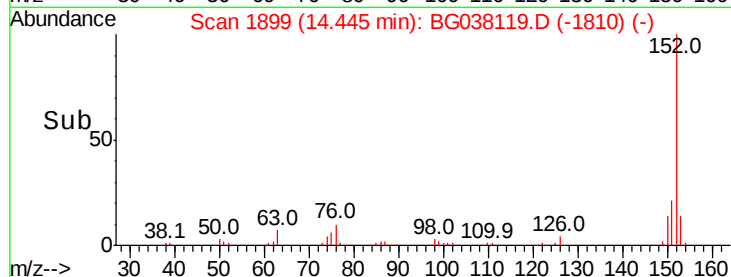
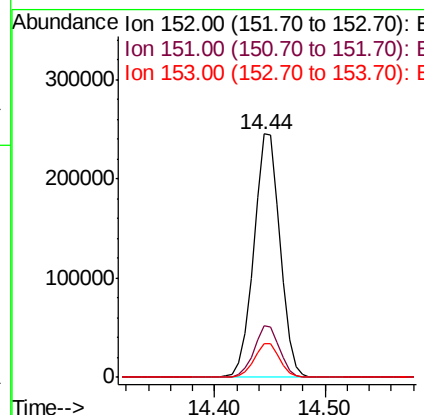
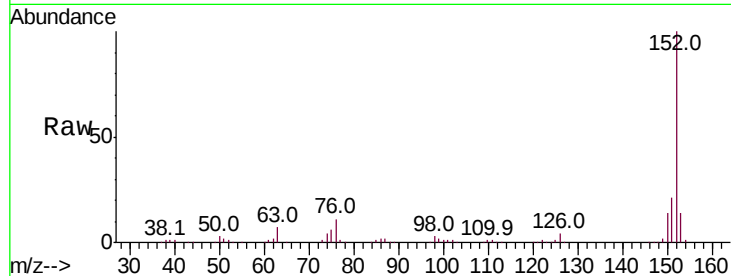
ClientSampleId :

PB114976BS

Tot Ion:	152	Resp:	408876
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.1	25.7
153	13.8	11.1	16.7

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#50

Dimethylphthalate

Concen: 35.119 ng

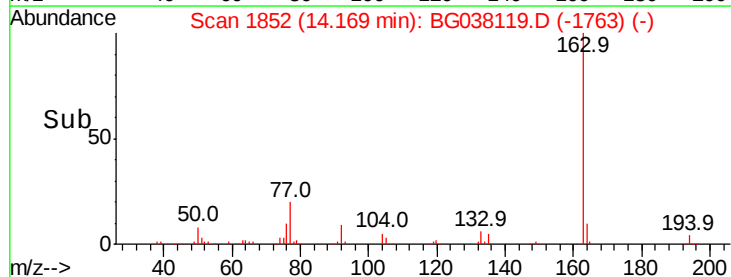
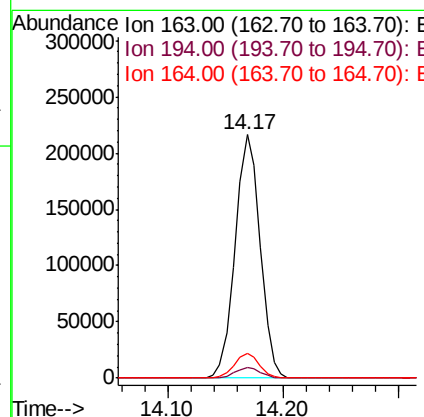
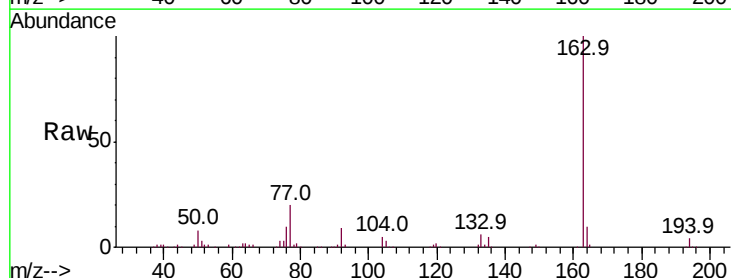
RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:	163	Resp:	323194
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.1	8.5	12.7





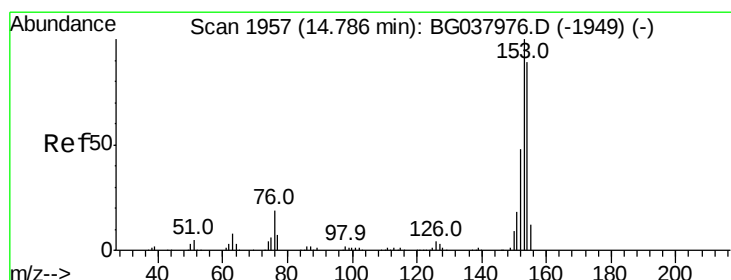
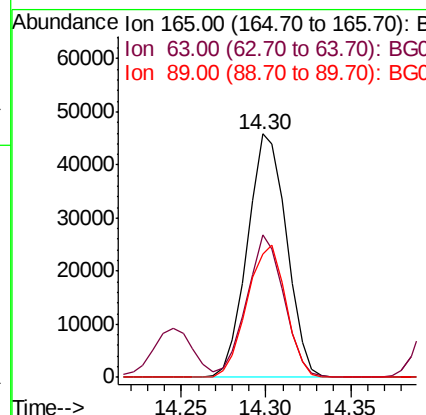
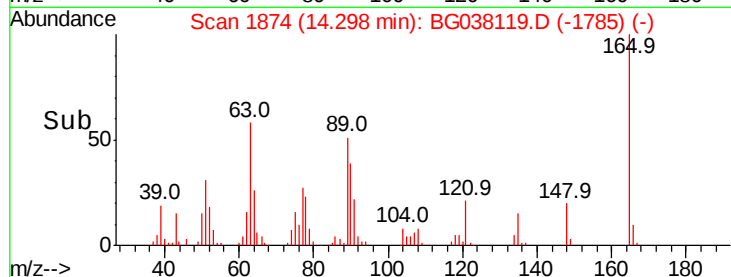
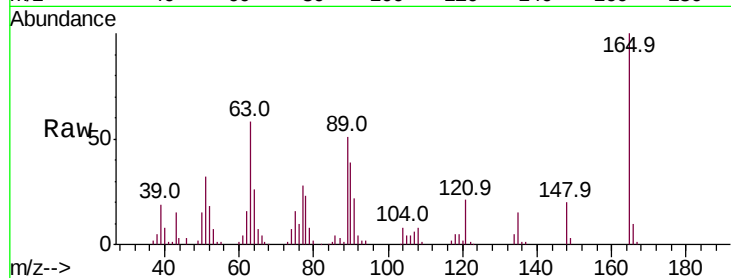
#51
 2,6-Dinitrotoluene
 Concen: 35.483 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.5	43.4	65.2
89	50.8	45.8	68.6

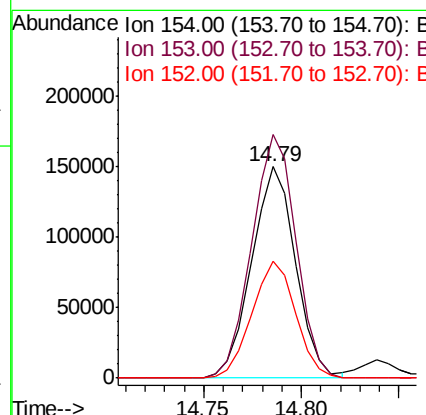
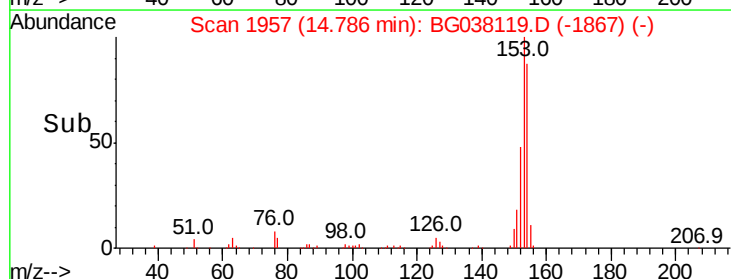
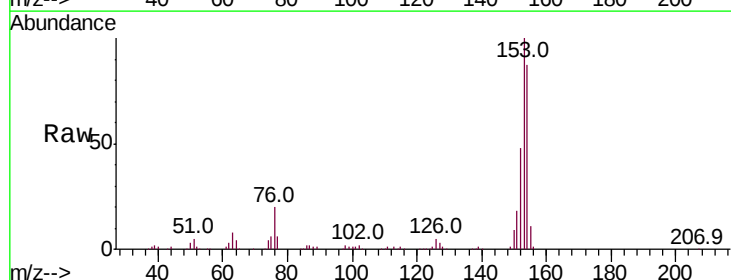
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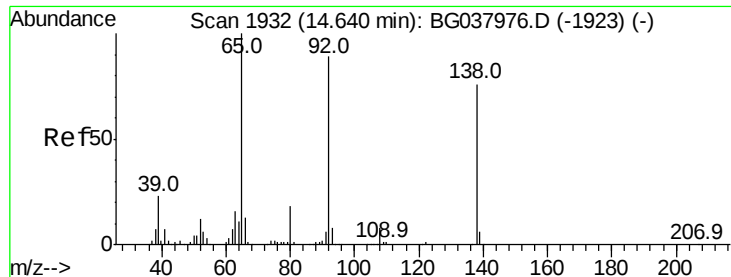
mohammad
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#52
 Acenaphthene
 Concen: 34.742 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	93.4	140.0
152	55.5	44.7	67.1





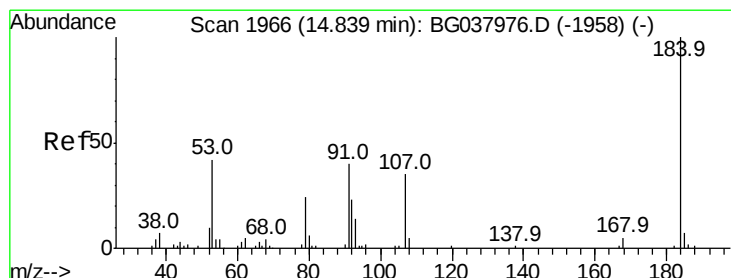
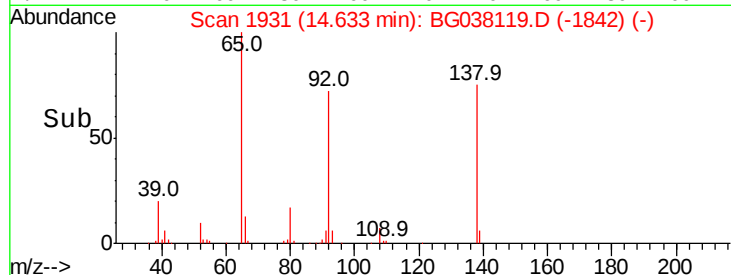
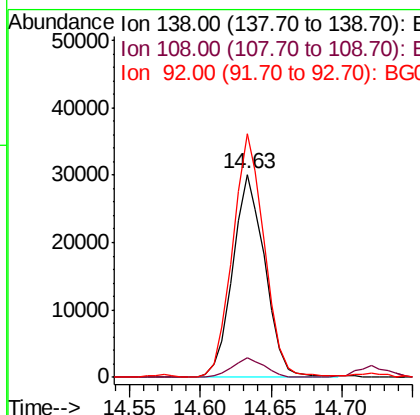
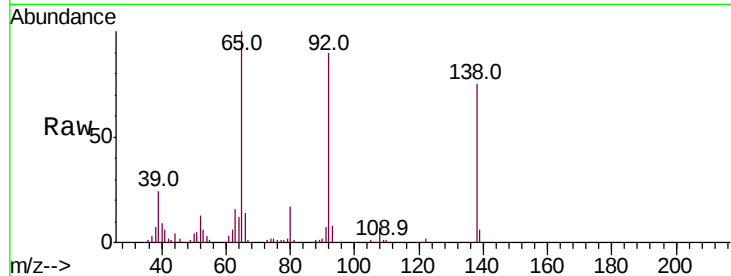
#53
3-Nitroaniline
Concen: 20.790 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	11.0	16.6#
92	120.0	95.2	142.8

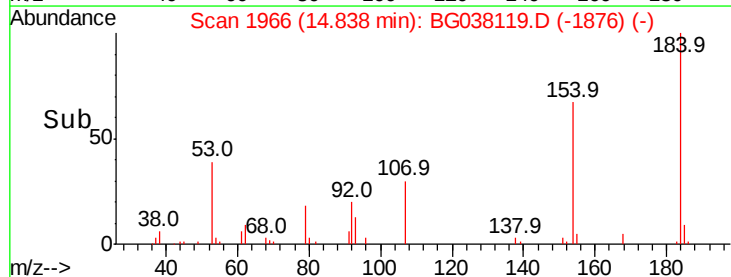
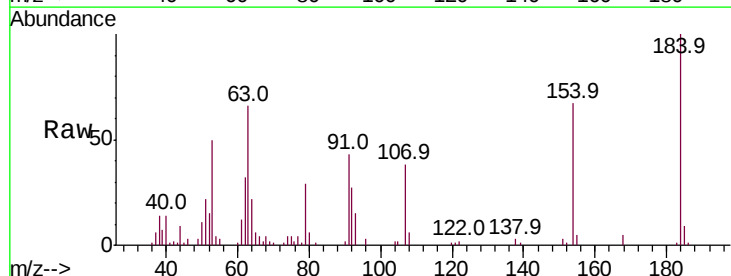
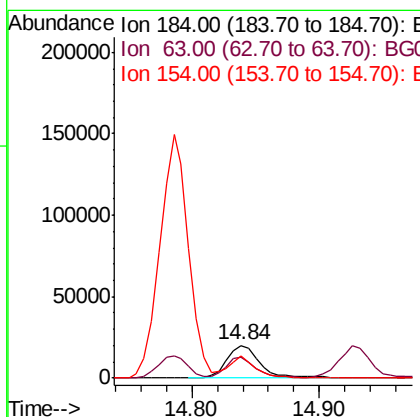
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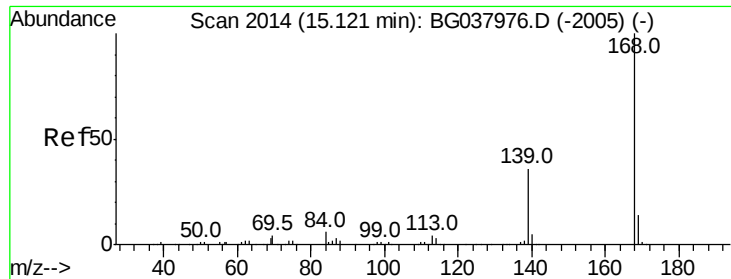
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#54
2,4-Dinitrophenol
Concen: 38.077 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.9	42.6	63.8#
154	67.1	41.8	62.6#





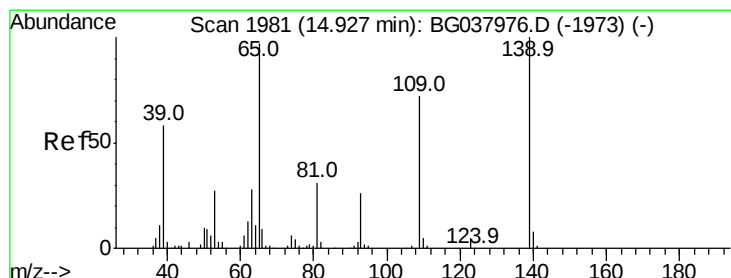
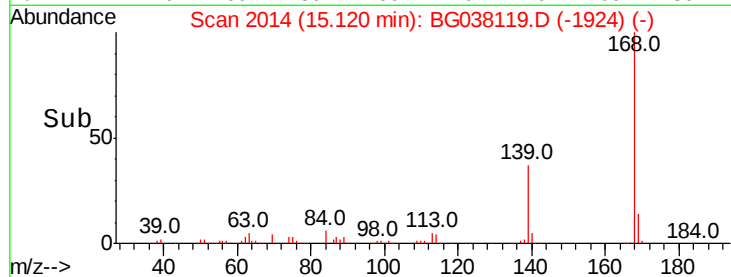
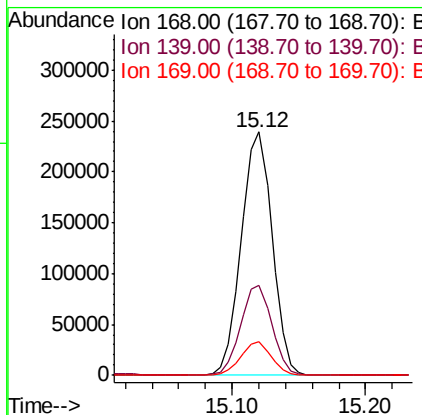
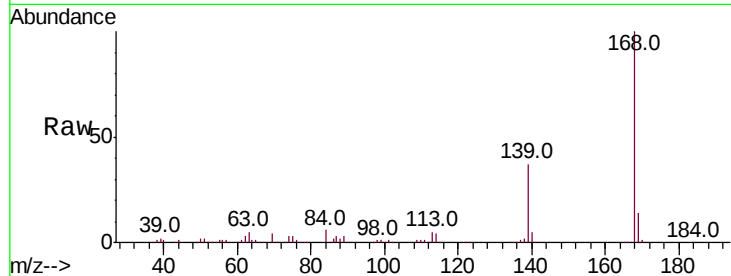
#55
Dibenzofuran
Concen: 34.279 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.4	44.0
169	13.6	11.0	16.6

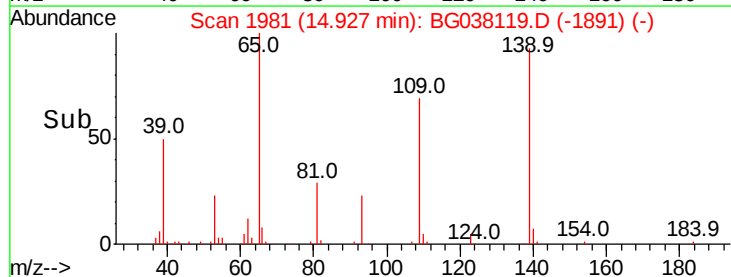
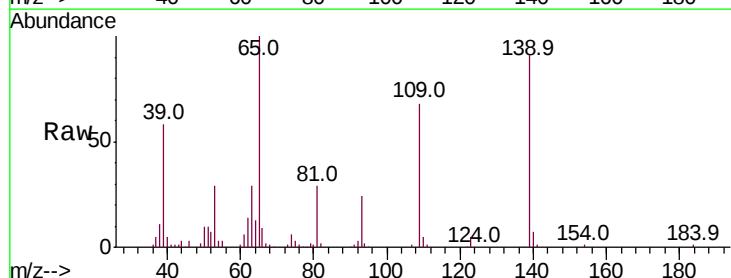
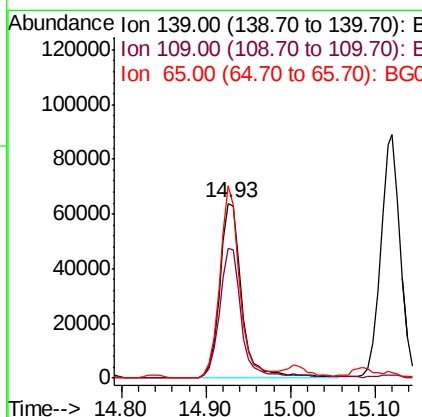
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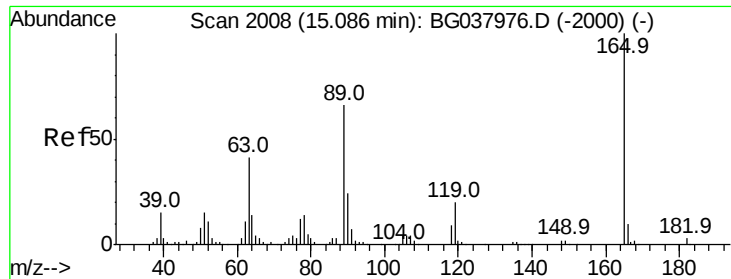
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#56
4-Nitrophenol
Concen: 65.925 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.4	49.5	89.5
65	109.6	76.8	116.8





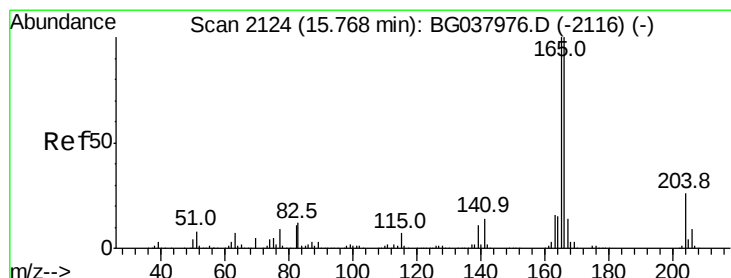
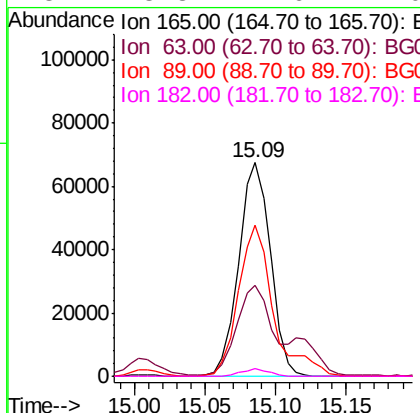
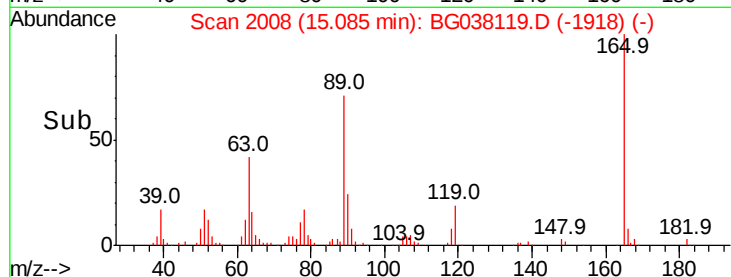
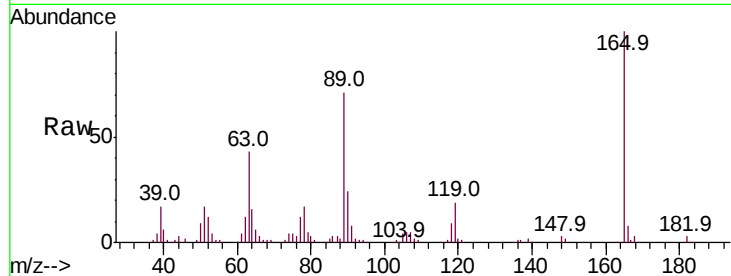
#57
 2,4-Dinitrotoluene
 Concen: 37.296 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.7	33.4	50.0	
89	70.8	57.2	85.8	
182	3.3	2.6	4.0	

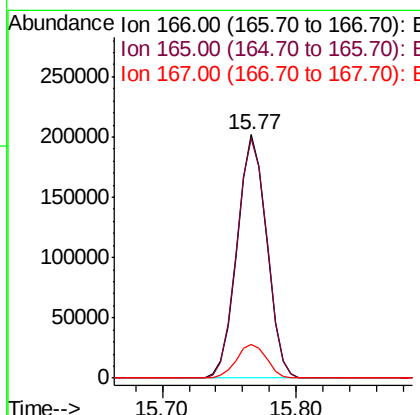
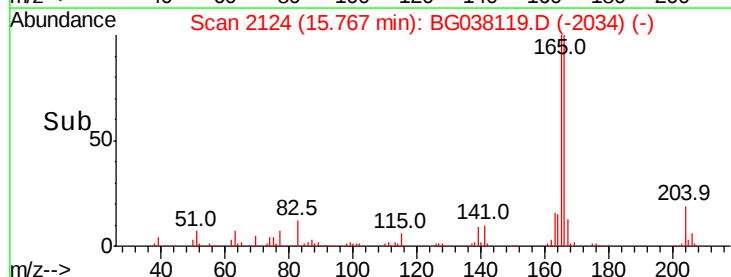
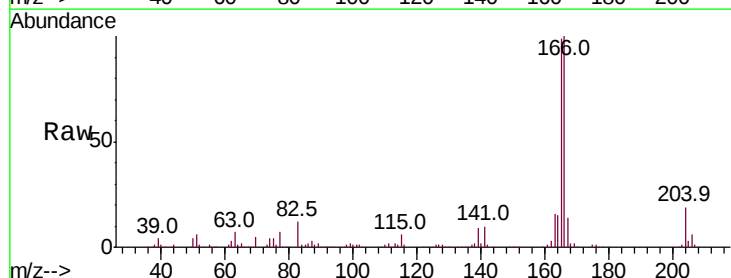
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#58
 Fluorene
 Concen: 37.119 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

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





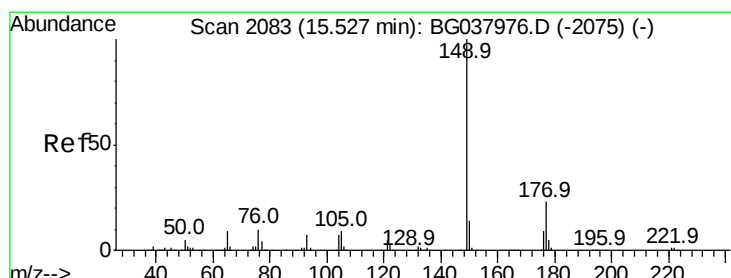
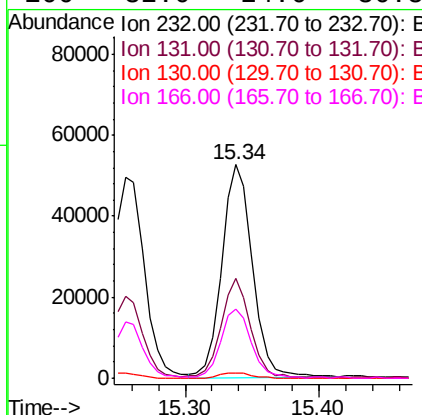
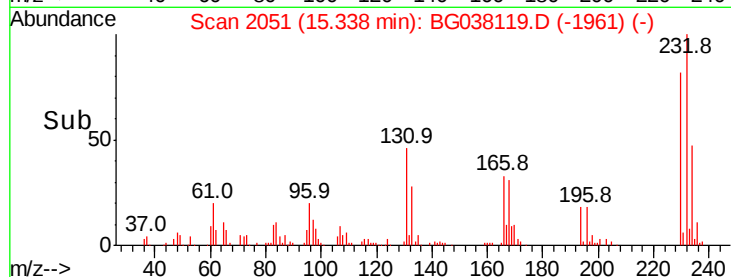
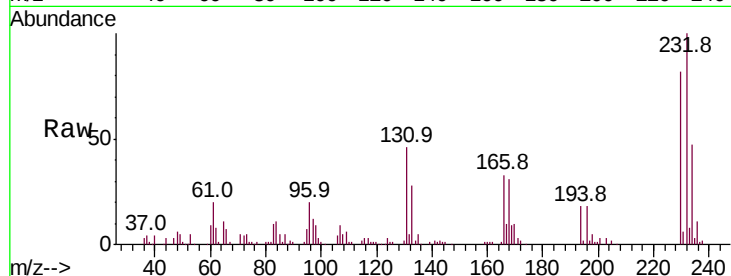
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.228 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	33.7	50.5
130	2.7	2.1	3.1
166	32.0	24.6	36.8

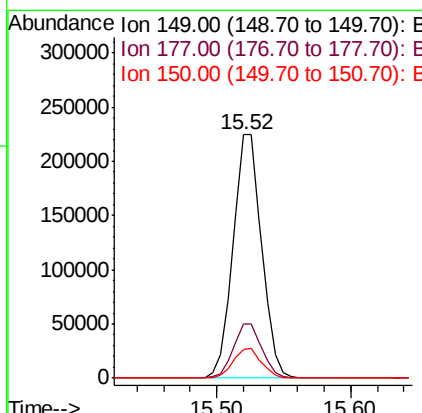
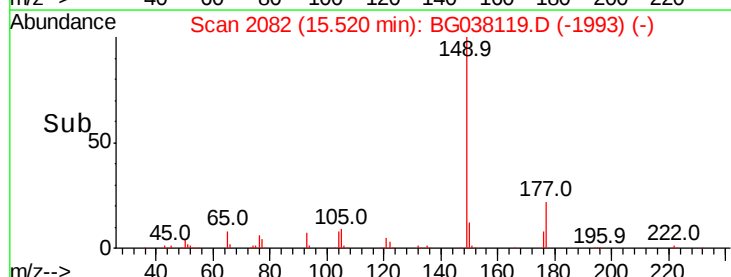
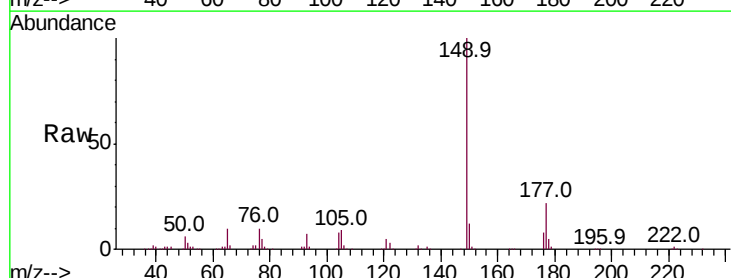
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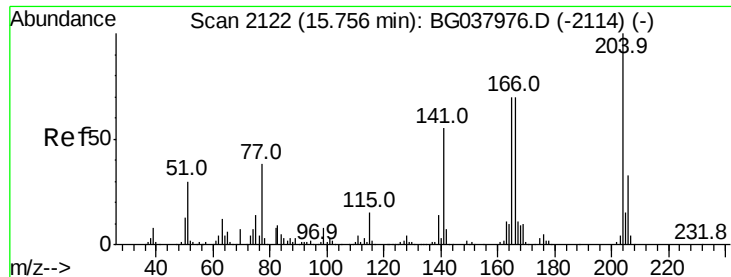
mohammad
 11/23/2018 11:50:14 AM



#60
 Diethylphthalate
 Concen: 34.105 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.3	27.5
150	11.9	10.0	15.0





#61

4-Chlorophenyl-phenylether

Concen: 33.283 ng

RT: 15.76 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampleId :

PB114976BS

Tot Ion:204 Resp: 161873

Ion Ratio Lower Upper

204 100

206 34.4 26.6 39.8

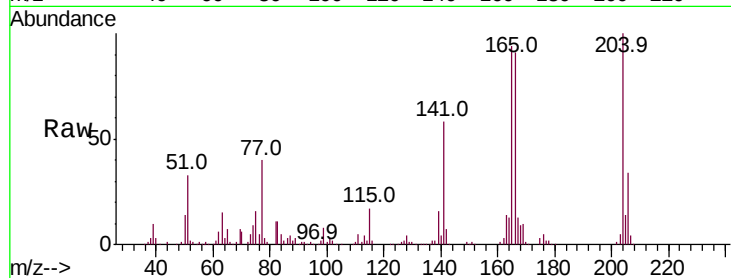
141 58.4 45.4 68.2

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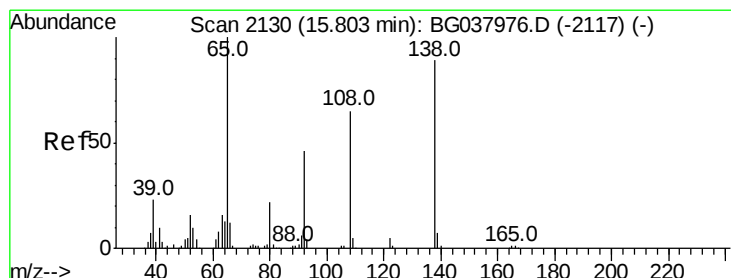
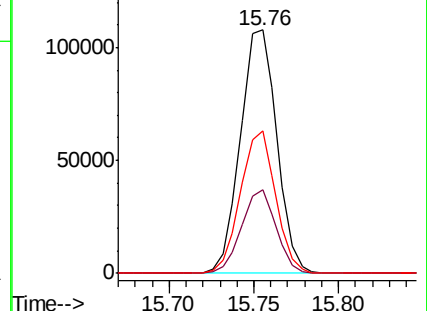
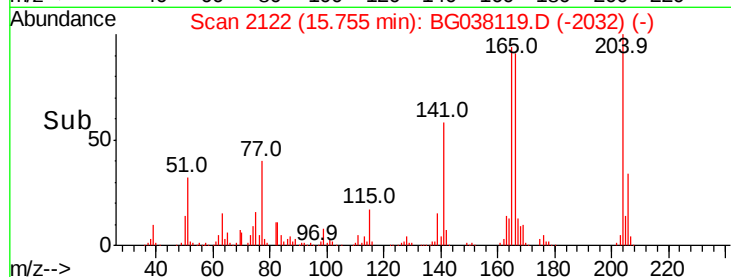
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Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 35.501 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

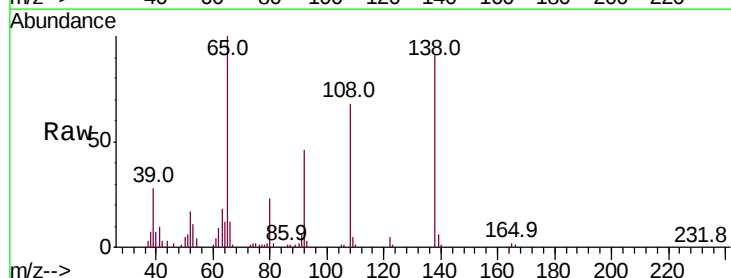
Tgt Ion:138 Resp: 81055

Ion Ratio Lower Upper

138 100

92 50.6 36.4 76.4

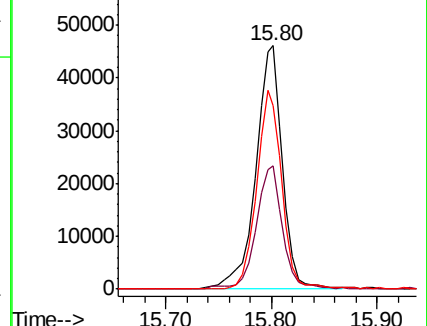
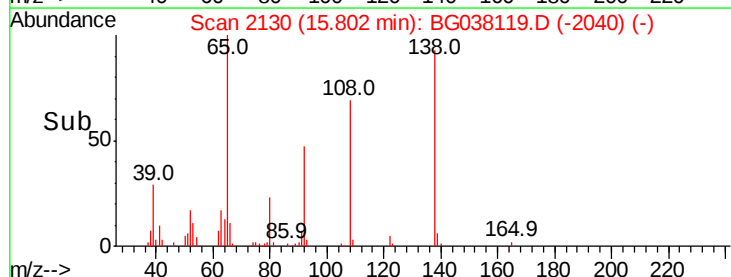
108 75.4 60.1 100.1

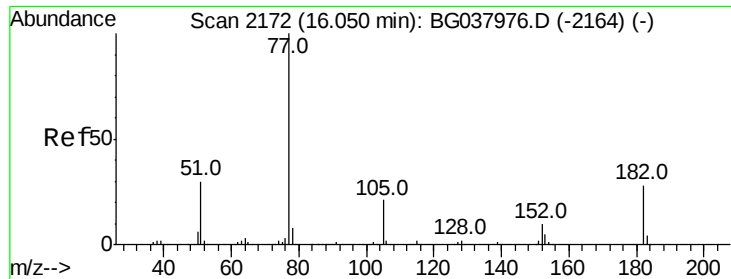


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





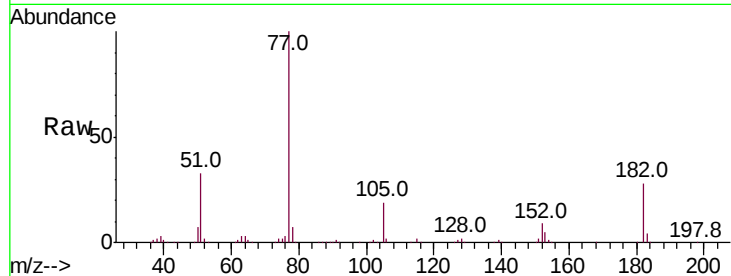
#63
Azobenzene
Concen: 35.757 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.0	48.0
105	19.5	1.3	41.3
51	32.6	10.7	50.7

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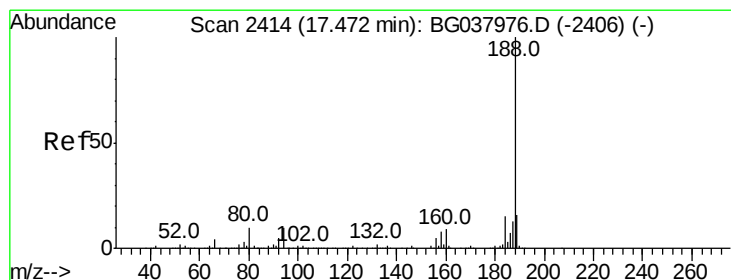
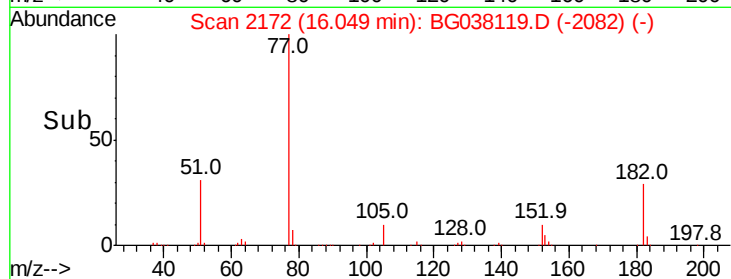
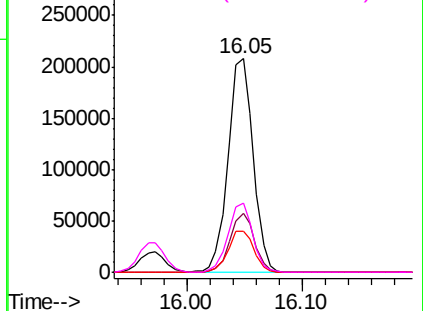
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

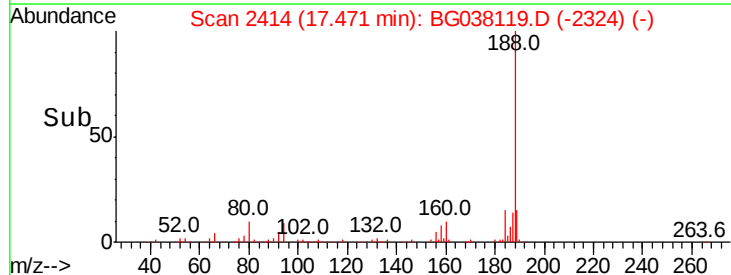
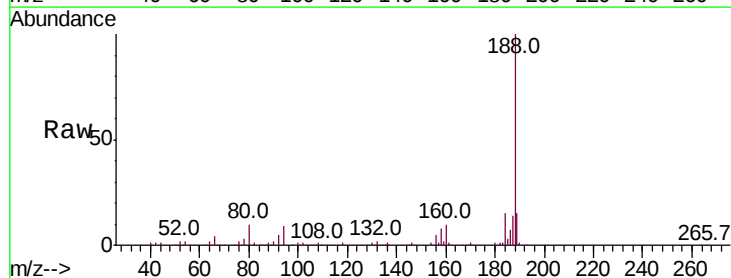
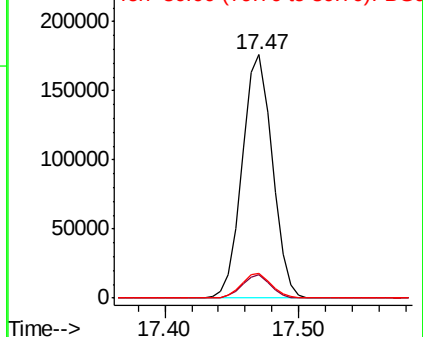
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.3	7.7	11.5

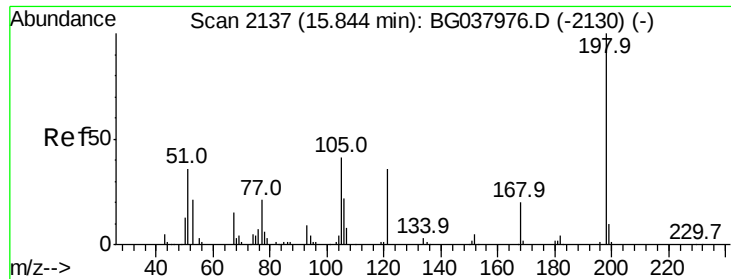
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 24.941 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

ClientSampleId :

PB114976BS

Tot Ion:198 Resp: 43292

Ion Ratio Lower Upper

198 100

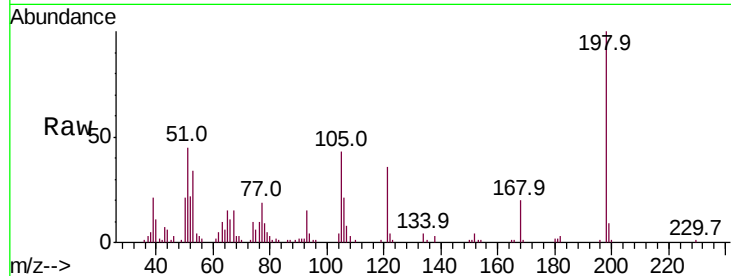
51 44.9 22.7 62.7

105 43.4 19.7 59.7

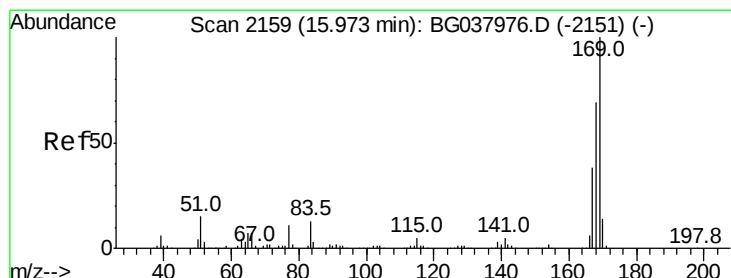
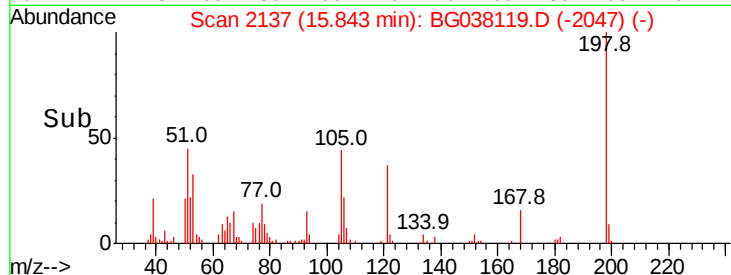
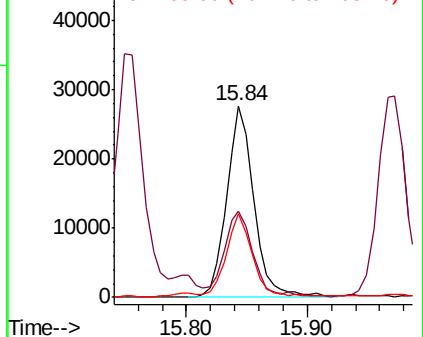
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 33.902 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

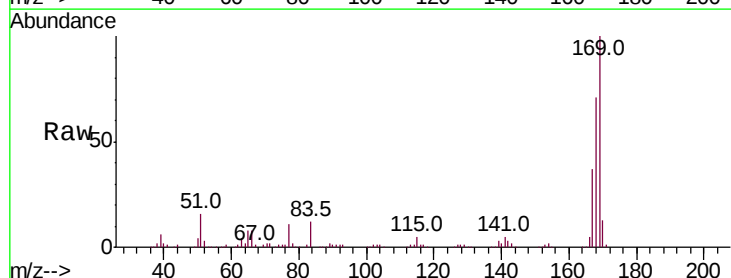
Tgt Ion:169 Resp: 281457

Ion Ratio Lower Upper

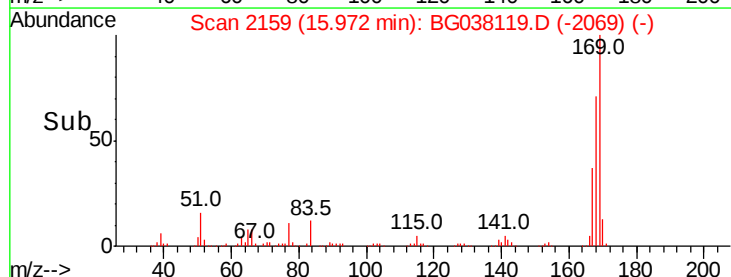
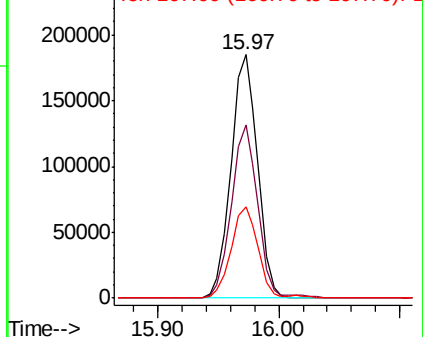
169 100

168 71.0 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





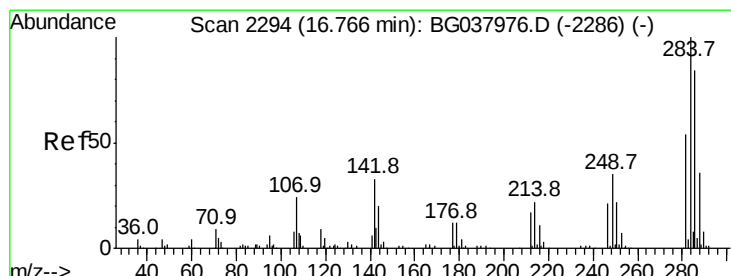
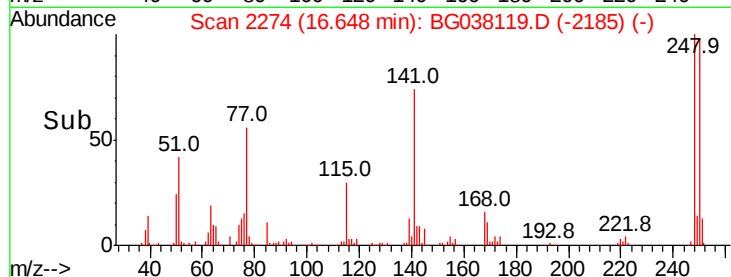
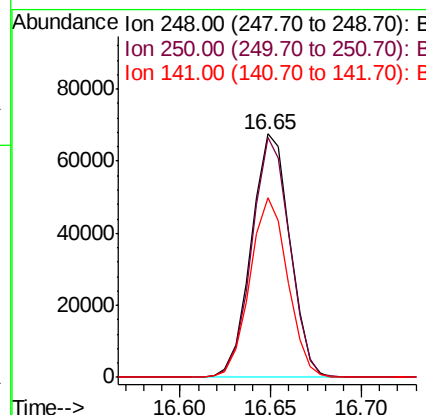
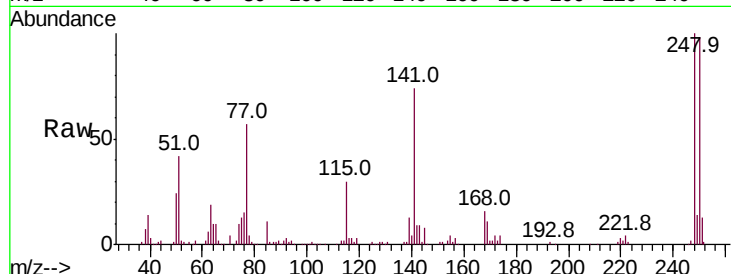
#67
4-Bromophenyl-phenylether
Concen: 33.207 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.0	115.6
141	73.8	55.5	83.3

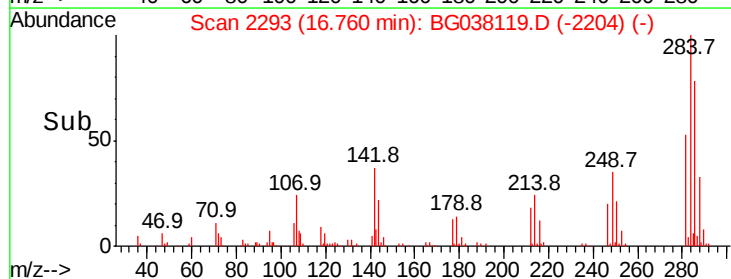
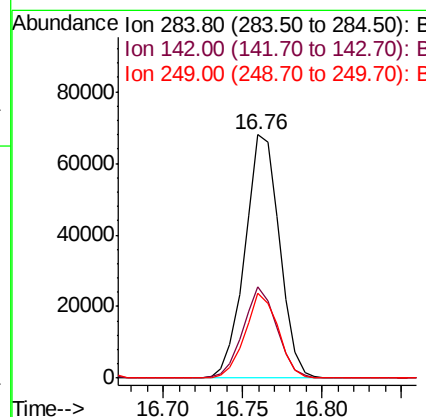
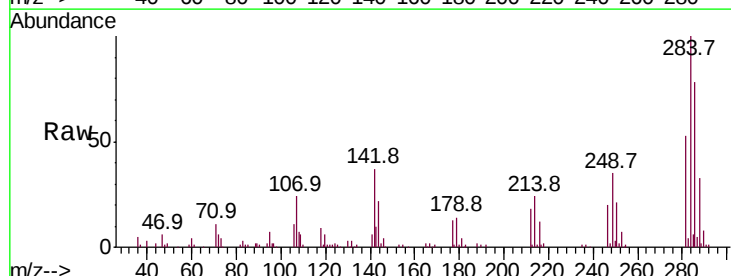
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#68
Hexachlorobenzene
Concen: 33.140 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

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





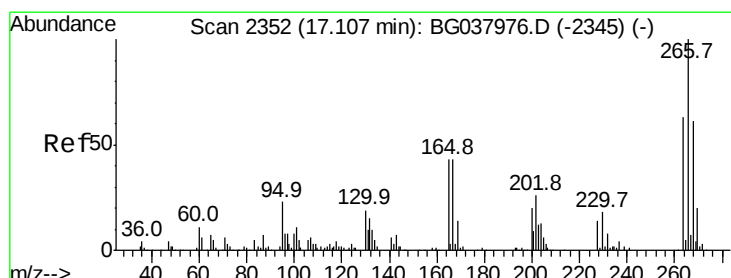
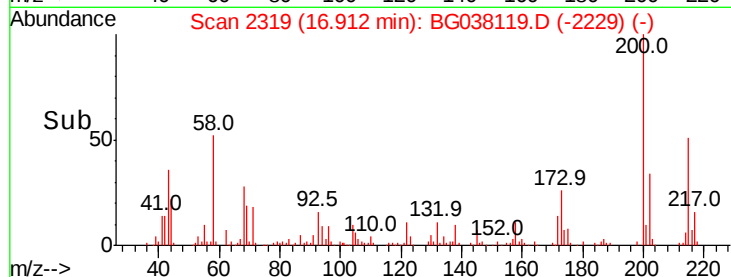
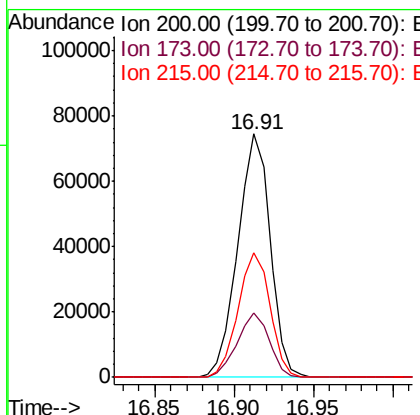
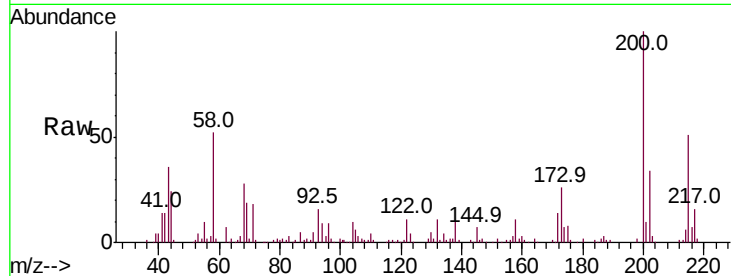
#69
Atrazine
Concen: 34.497 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.1	46.1
215	51.0	30.8	70.8

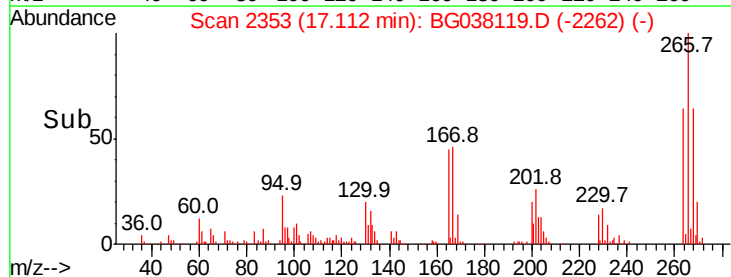
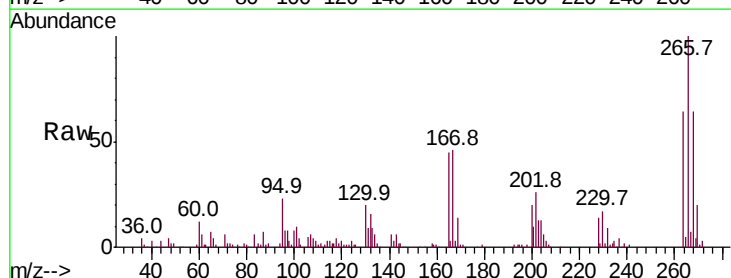
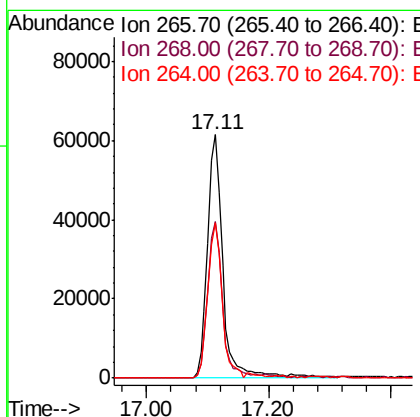
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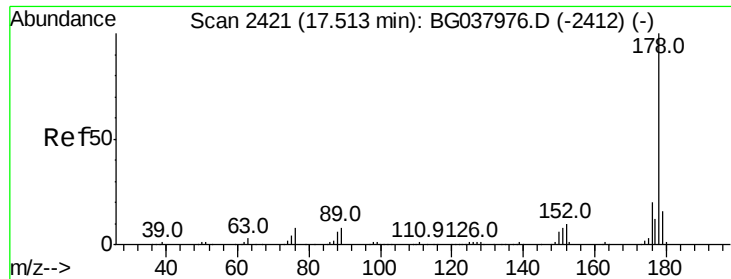
mohammad
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#70
Pentachlorophenol
Concen: 50.870 ng m
RT: 17.11 min Scan# 2353
Delta R.T. 0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	55.0	82.6
264	64.0	58.9	88.3





#71

Phenanthrene

Concen: 36.770 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

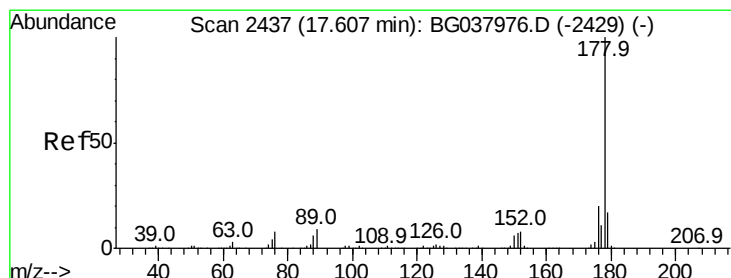
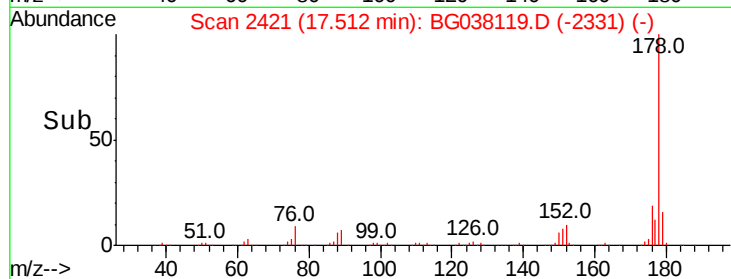
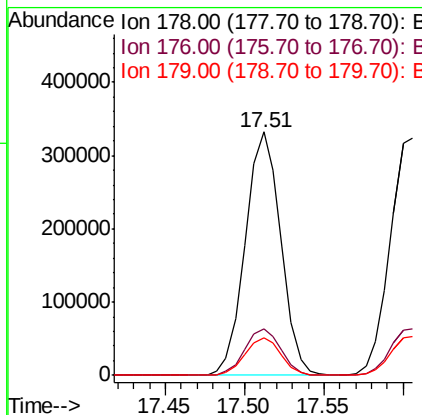
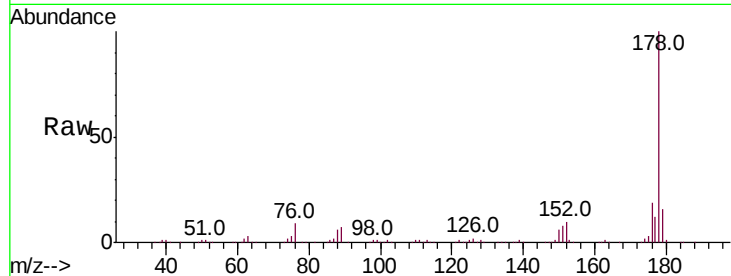
ClientSampleId :

PB114976BS

Tot Ion:	178	Resp:	516627
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.1	24.1
179	15.6	13.0	19.4

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#72

Anthracene

Concen: 37.308 ng

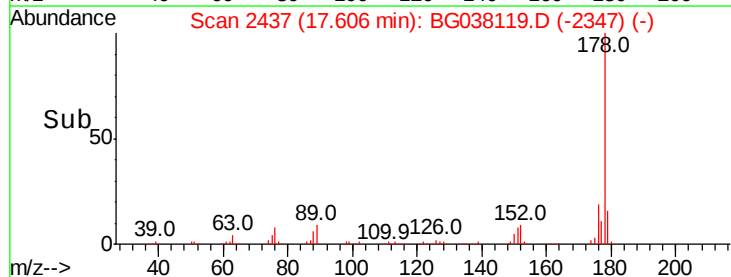
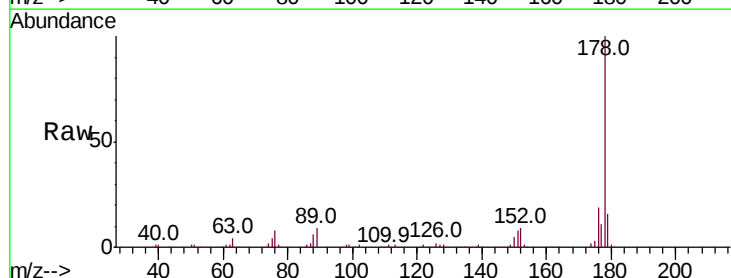
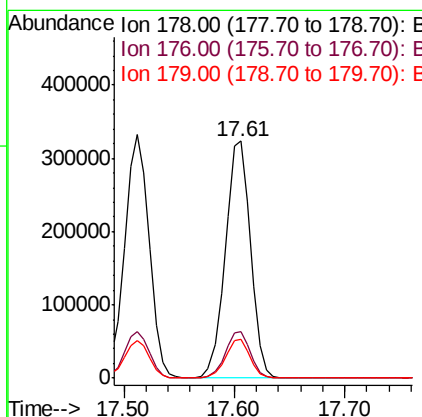
RT: 17.61 min Scan# 2437

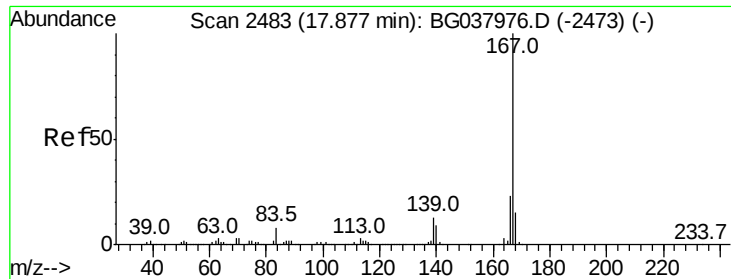
Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:	178	Resp:	516706
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.0	22.4
179	16.4	12.8	19.2





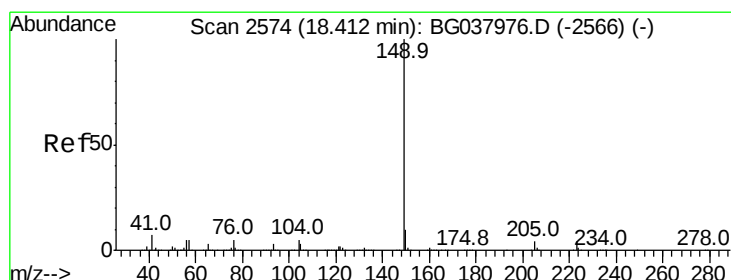
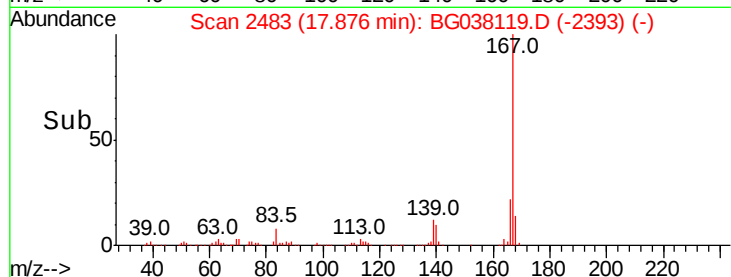
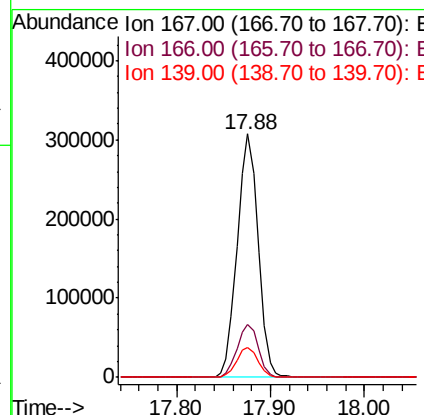
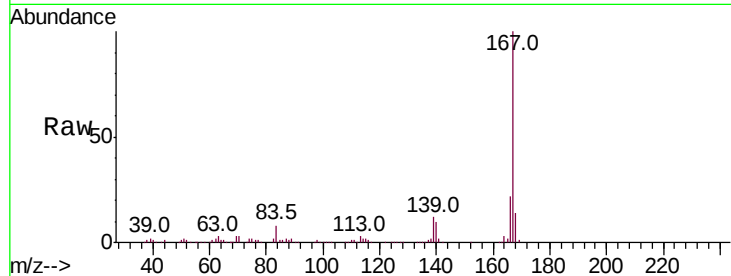
#73
 Carbazole
 Concen: 34.260 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.3	27.5
139	12.4	10.5	15.7

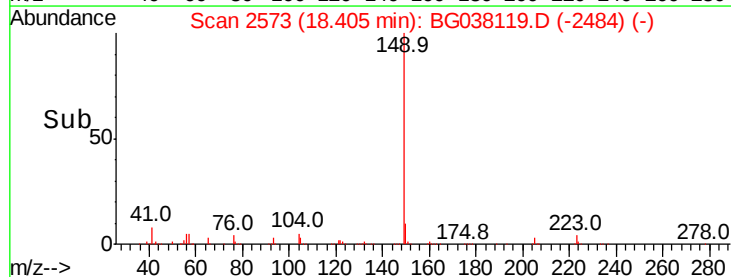
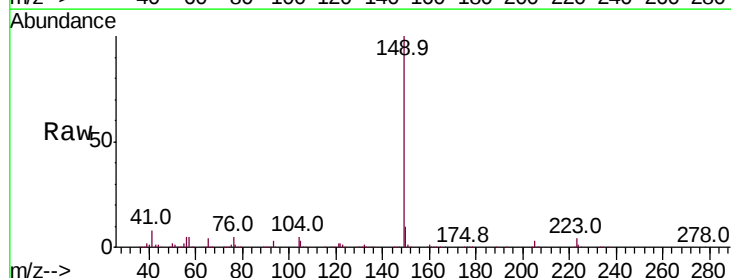
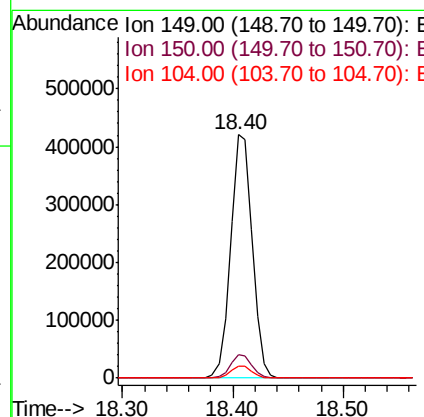
Manual Integrations
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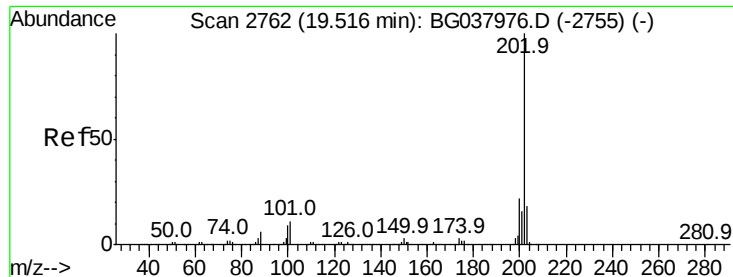
mohammad
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#74
 Di-n-butylphthalate
 Concen: 36.925 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038119.D
 Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 38.058 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

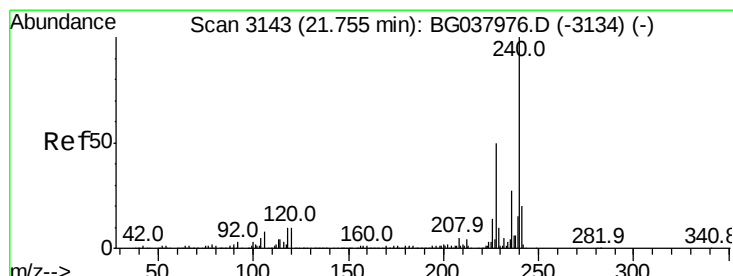
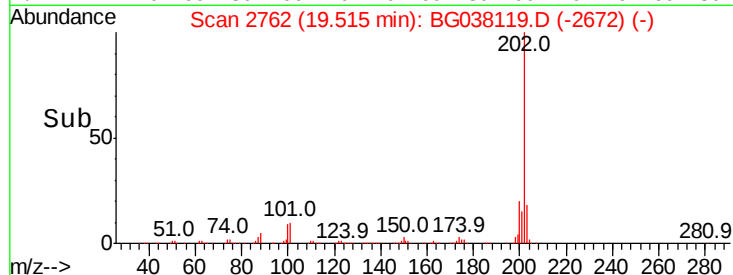
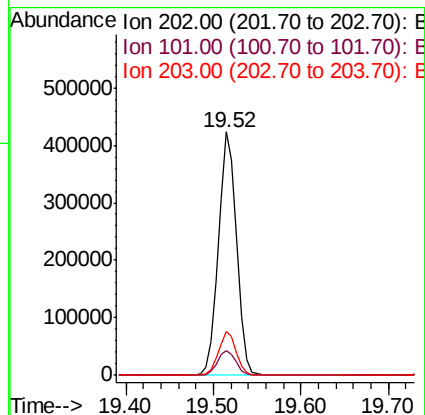
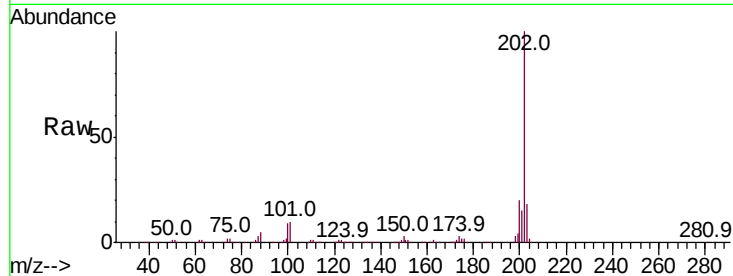
ClientSampleId :

PB114976BS

Tot Ion:	202	Resp:	610075
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	30.7
203	18.1	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

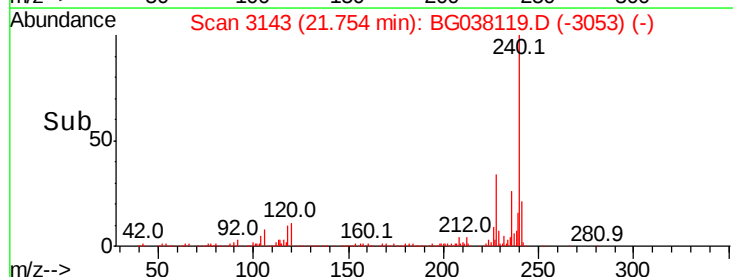
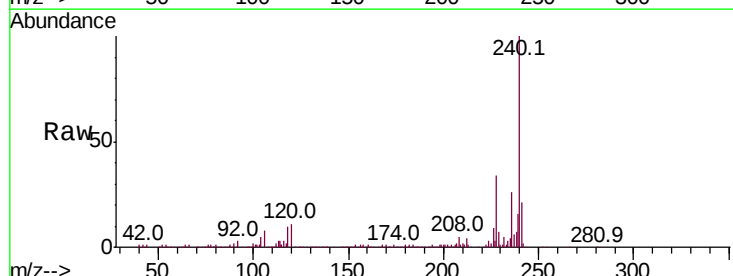
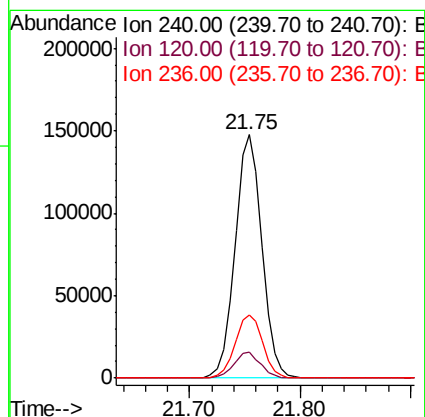
RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:	240	Resp:	251326
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.1	12.1
236	26.0	21.4	32.0





#77

Benzidine

Concen: 12.775 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

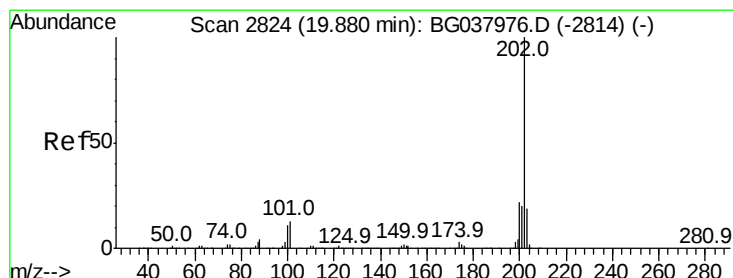
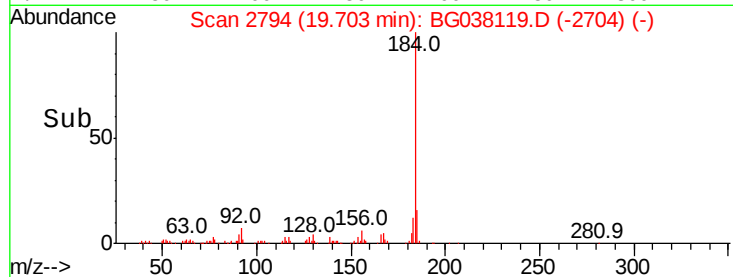
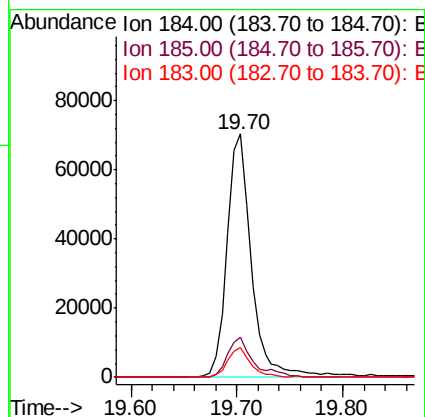
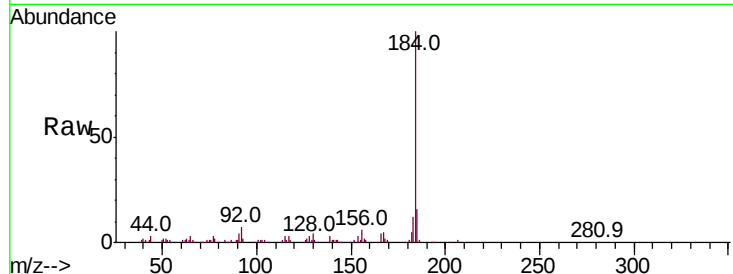
ClientSampleId :

PB114976BS

Tot Ion:	184	Resp:	112662
Ion Ratio	Lower	Upper	
184	100		
185	16.5	12.6	18.8
183	12.5	10.2	15.2

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#78

Pyrene

Concen: 37.161 ng

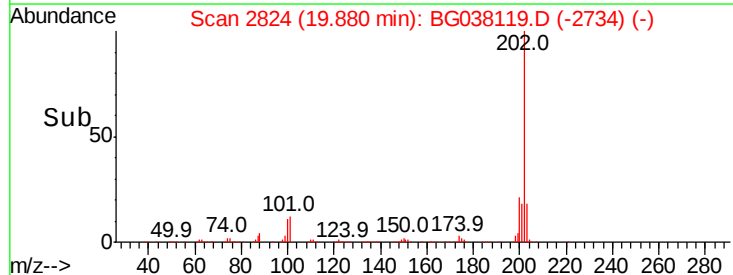
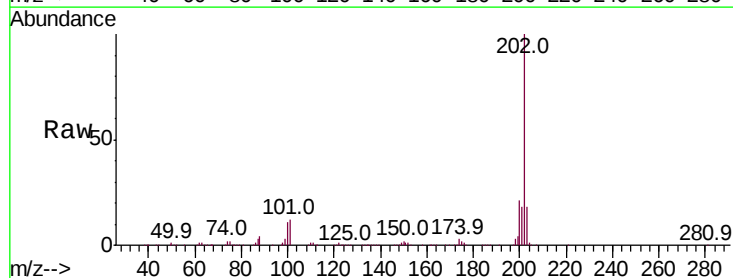
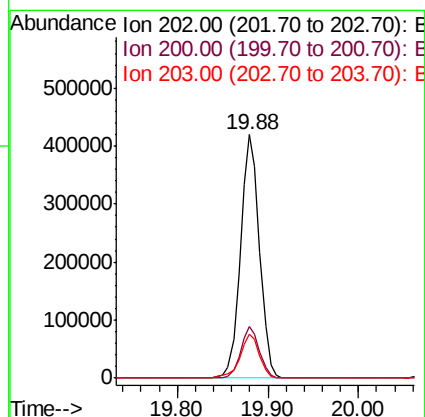
RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion:	202	Resp:	610626
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.8	26.6
203	18.1	15.2	22.8





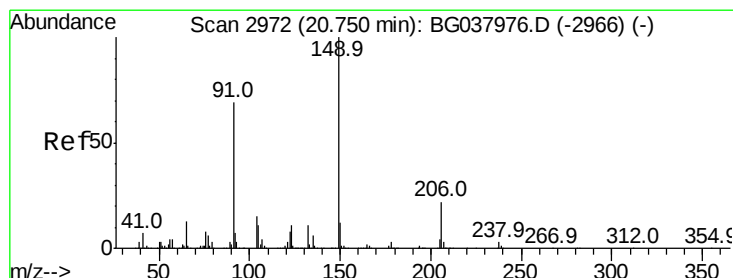
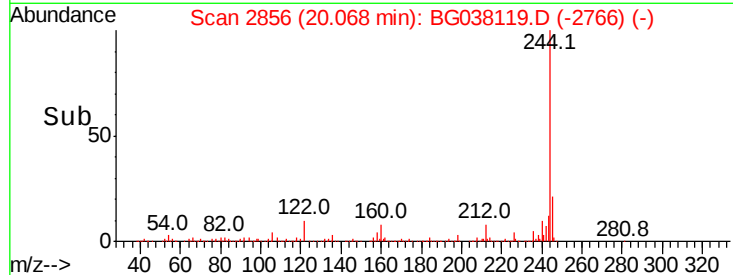
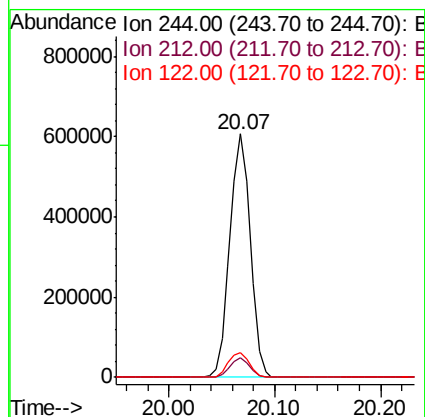
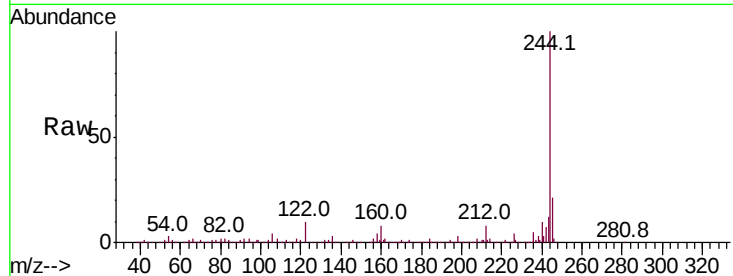
#79
Terphenyl-d14
Concen: 75.930 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.9	6.5	9.7	
122	9.9	9.0	13.4	

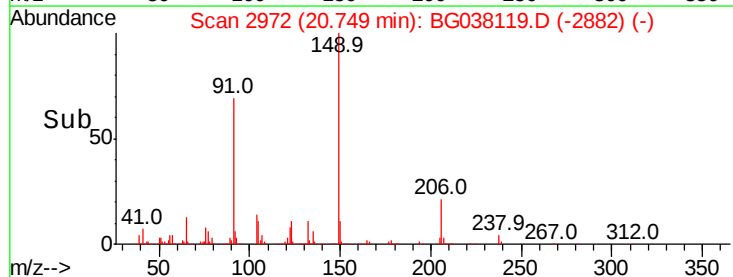
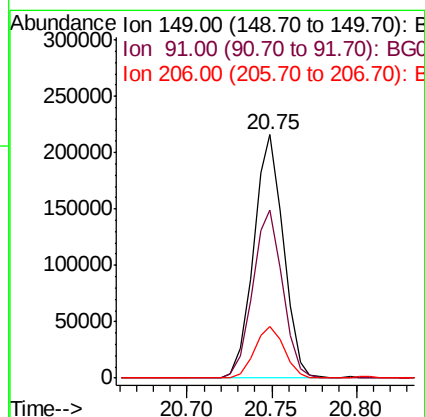
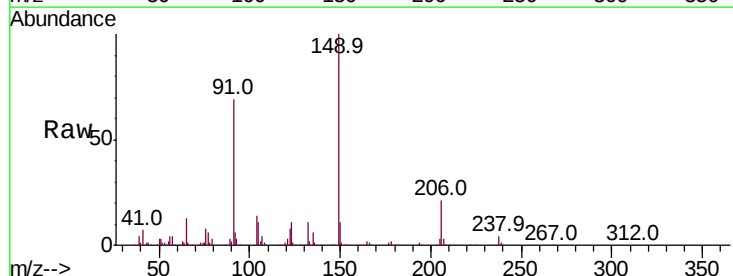
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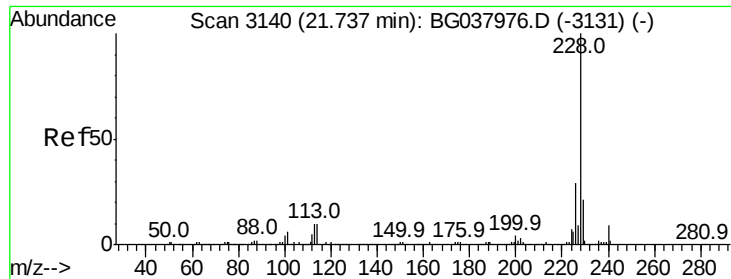
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#80
Butylbenzylphthalate
Concen: 36.838 ng
RT: 20.75 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	68.8	57.0	85.4	
206	21.4	17.8	26.6	





#81

Benzo(a)anthracene

Concen: 37.744 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Instrument :

BNA_G

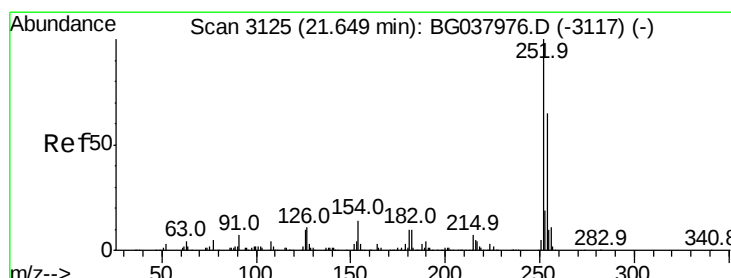
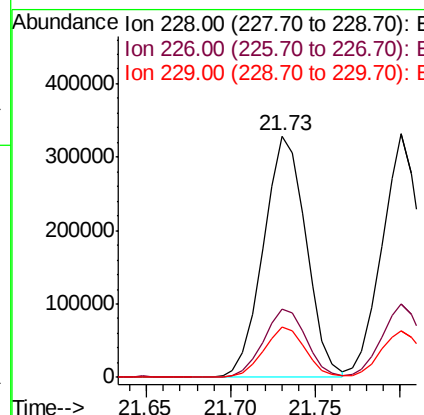
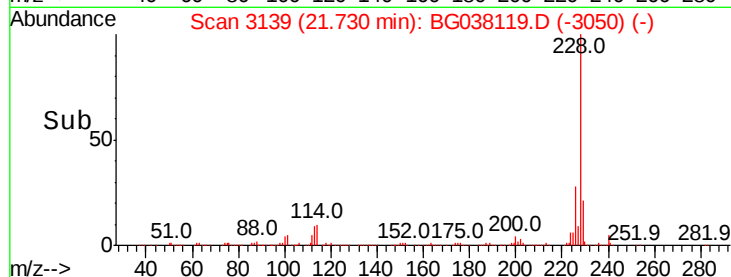
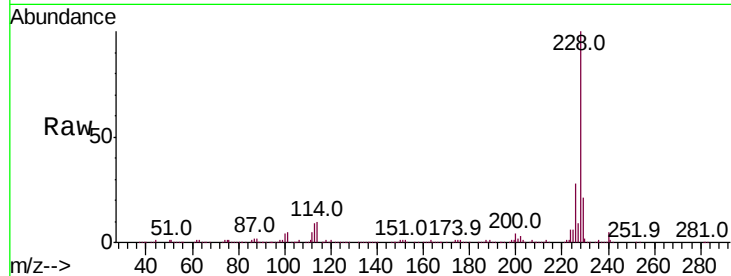
ClientSampleId :

PB114976BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.7	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 19.640 ng

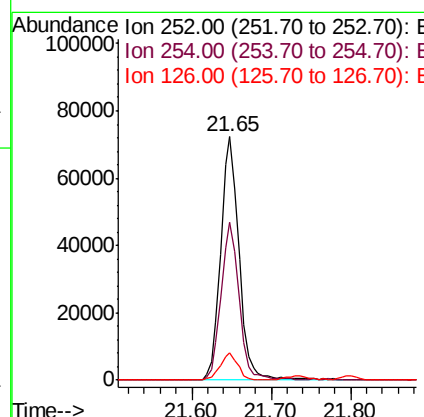
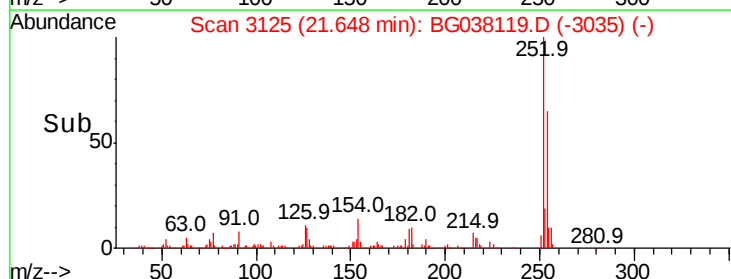
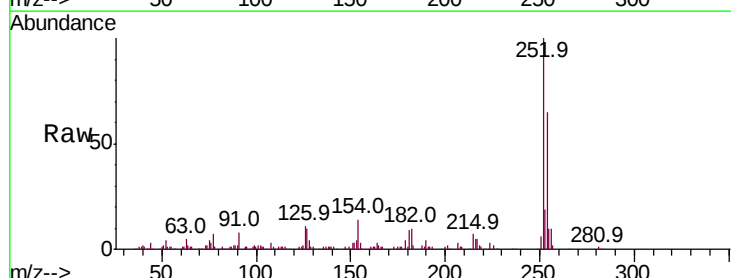
RT: 21.65 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG038119.D

Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.0	78.0
126	11.3	8.2	12.4





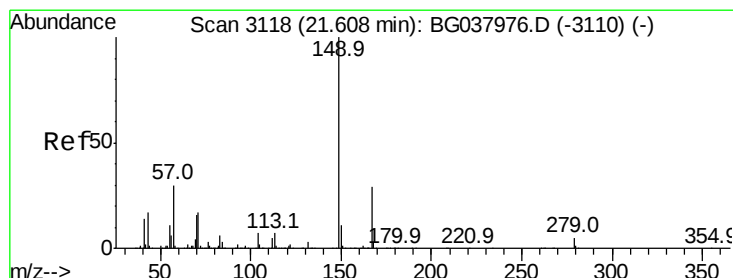
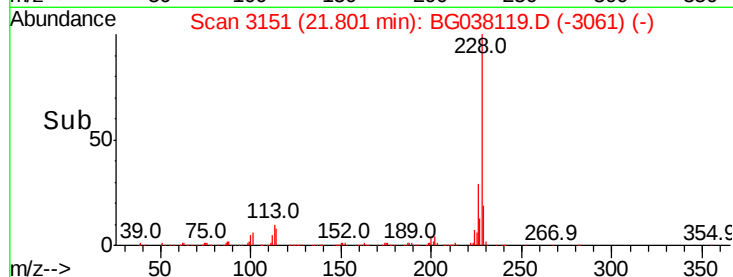
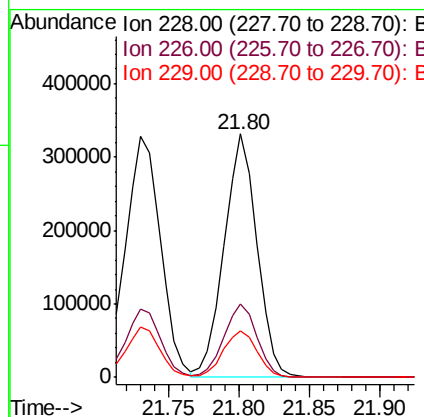
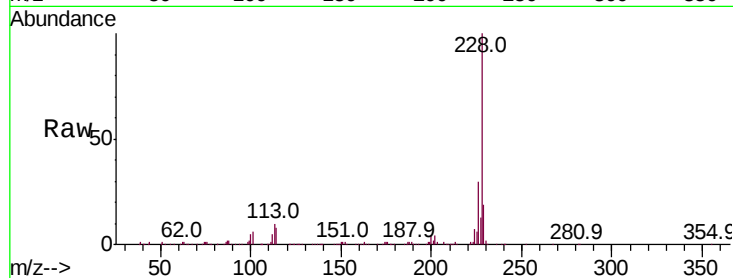
#83
Chrysene
Concen: 36.754 ng
RT: 21.80 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion:	228	Resp:	534094
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.7	38.5
229	19.3	16.5	24.7

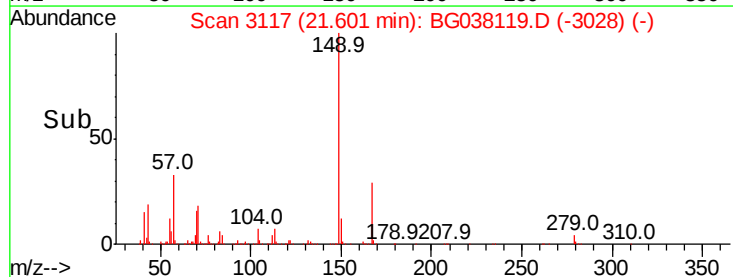
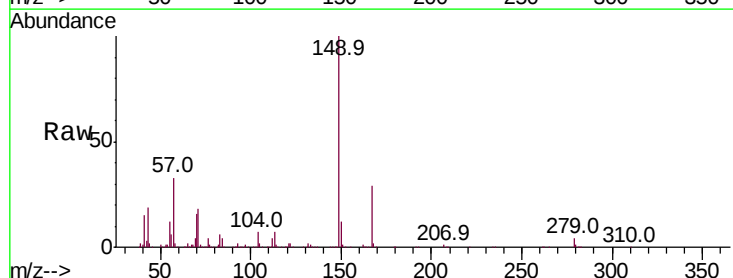
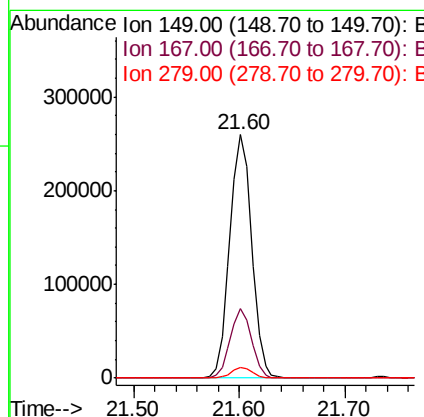
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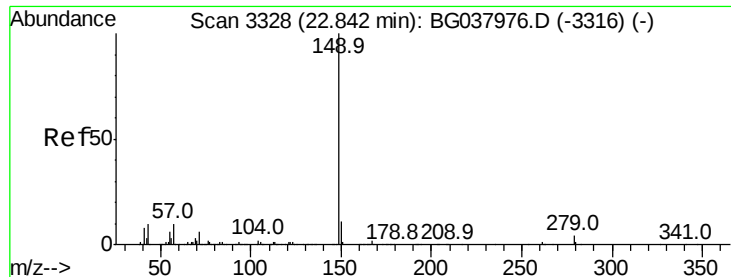
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.505 ng
RT: 21.60 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:	149	Resp:	374093
Ion Ratio	Lower	Upper	
149	100		
167	28.8	23.0	34.4
279	4.3	3.6	5.4





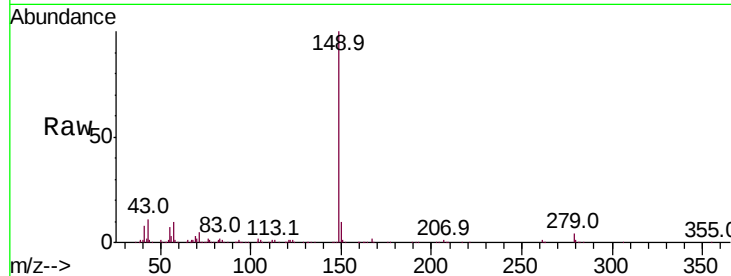
#85
Di-n-octyl phthalate
Concen: 38.172 ng
RT: 22.84 min Scan# 3328
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

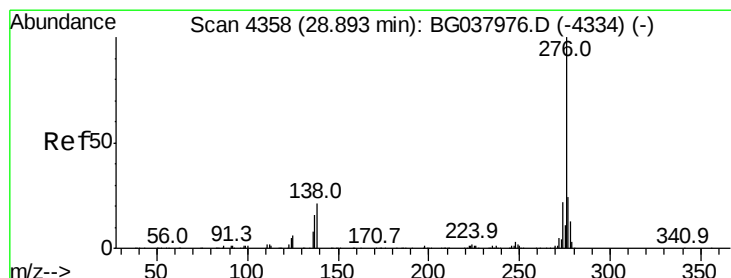
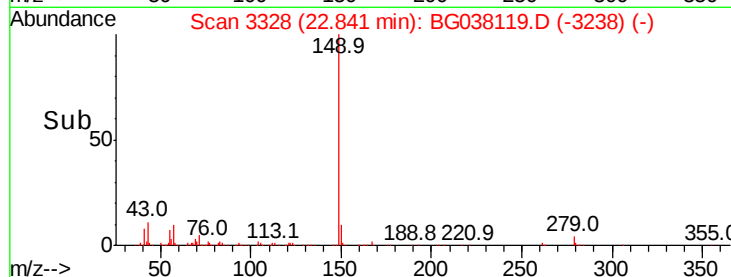
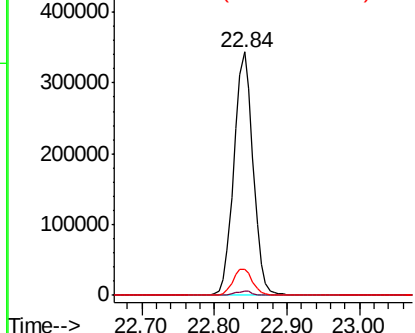
Tot Ion	Ratio	Resp	Lower	Upper
149	100	632853		
167	1.7		1.3	1.9
43	11.3		8.7	13.1

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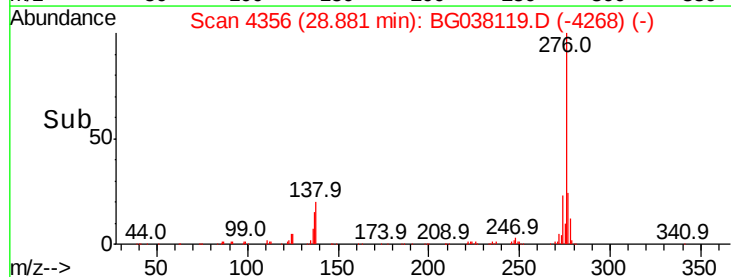
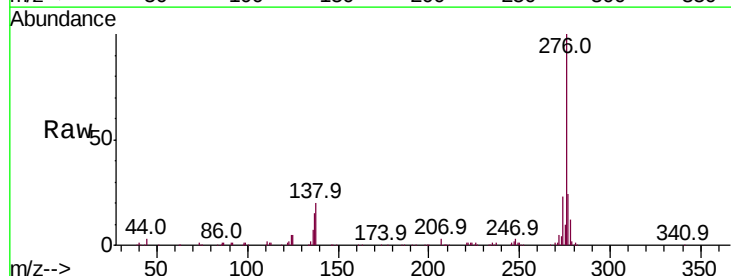
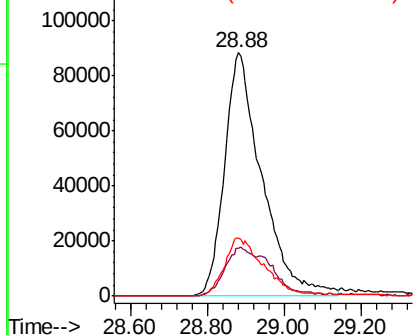
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.941 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	596193		
138	15.5		12.0	18.0
277	24.8		20.6	30.8

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





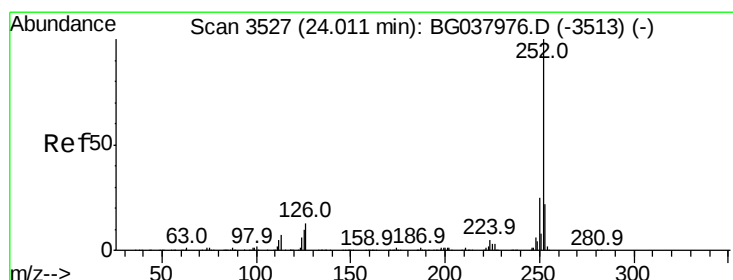
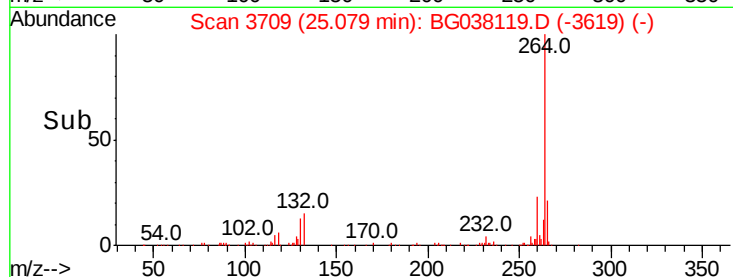
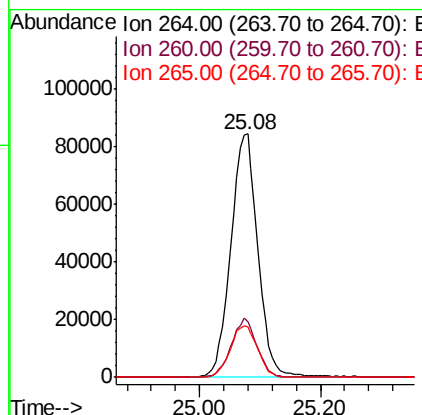
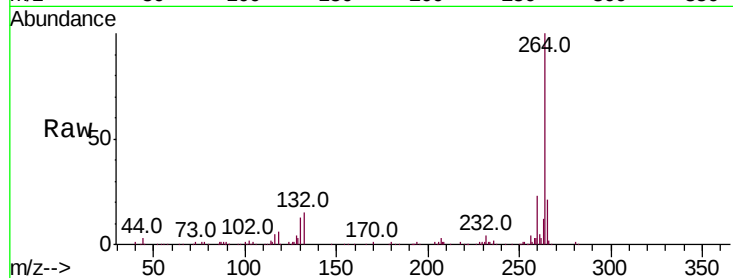
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.5	17.9	26.9

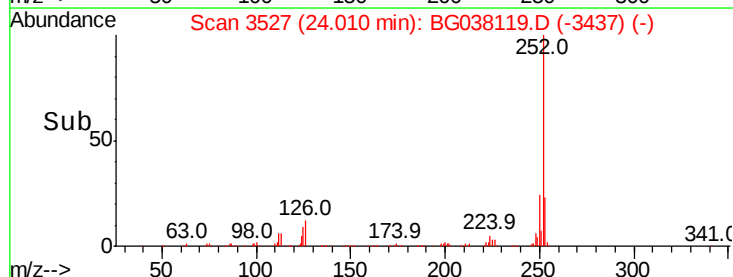
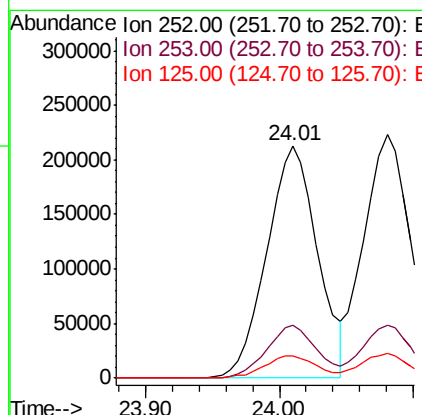
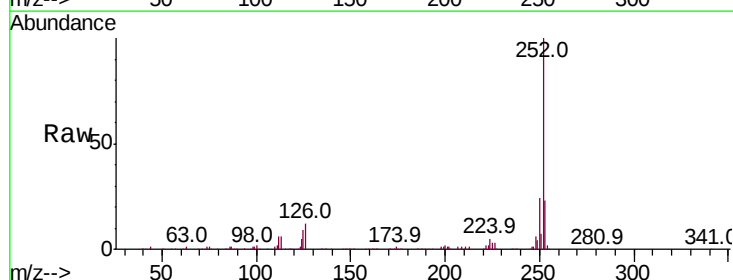
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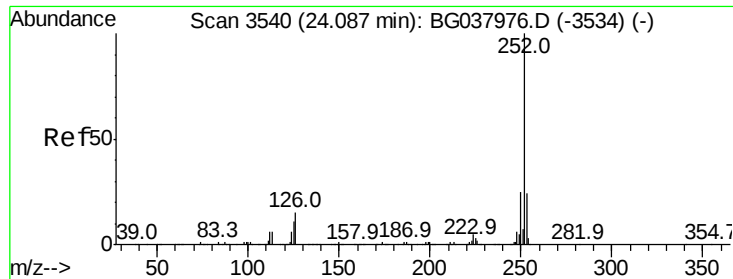
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#88
Benzo(b)fluoranthene
Concen: 38.889 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.3	7.8	11.6





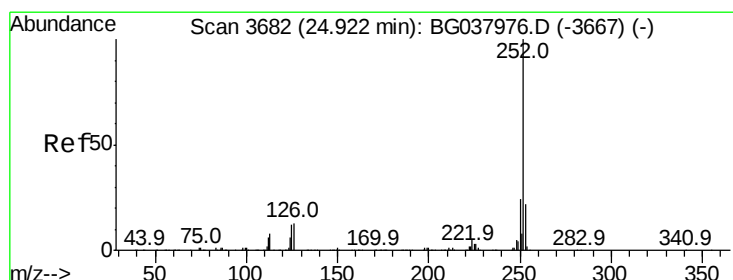
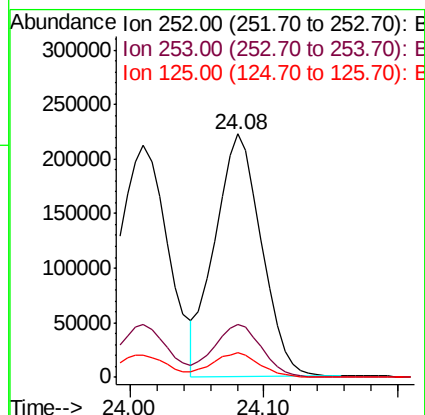
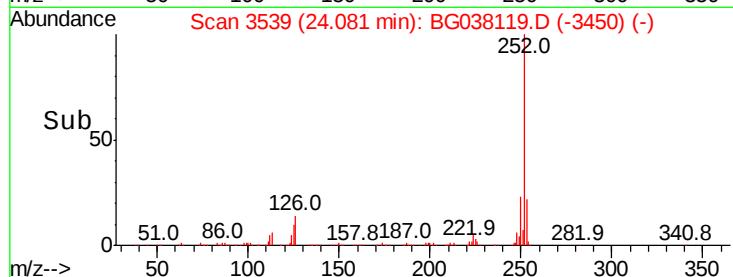
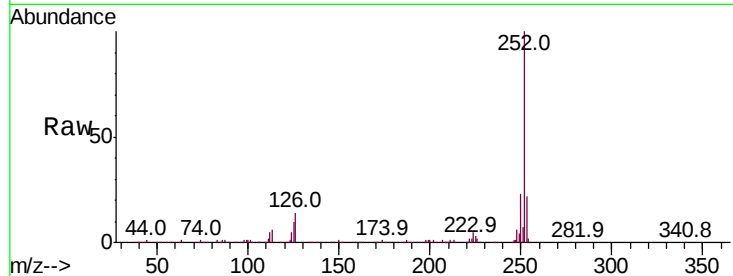
#89
Benzo(k)fluoranthene
Concen: 37.882 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion:	252	Resp:	539432
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	10.0	7.4	11.0

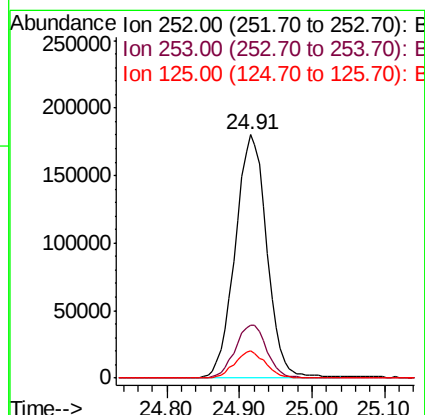
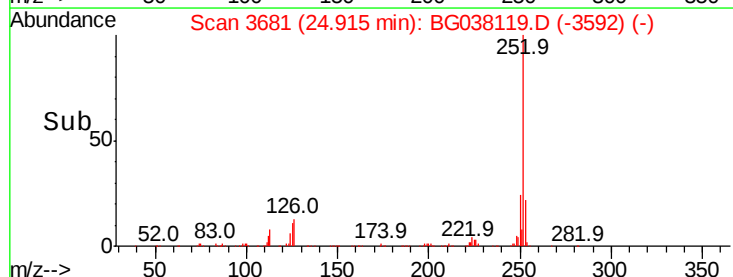
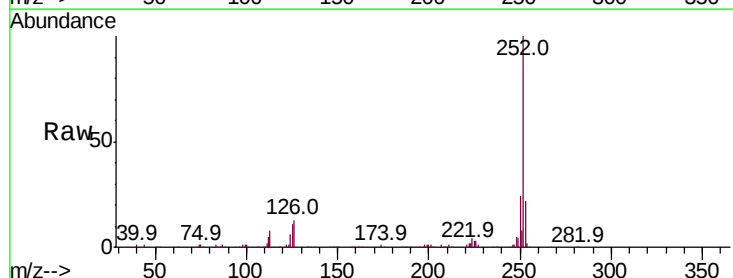
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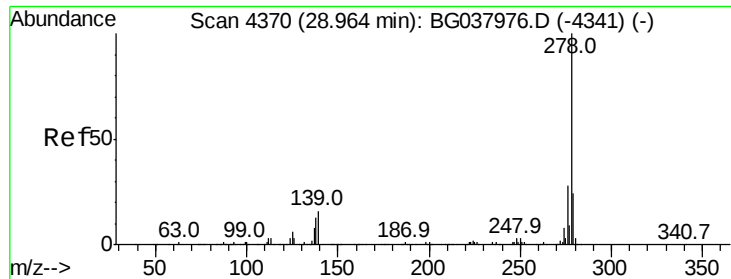
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#90
Benzo(a)pyrene
Concen: 39.637 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion:	252	Resp:	546649
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	11.5	9.0	13.6





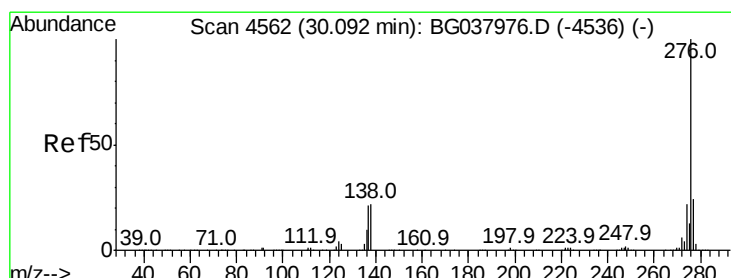
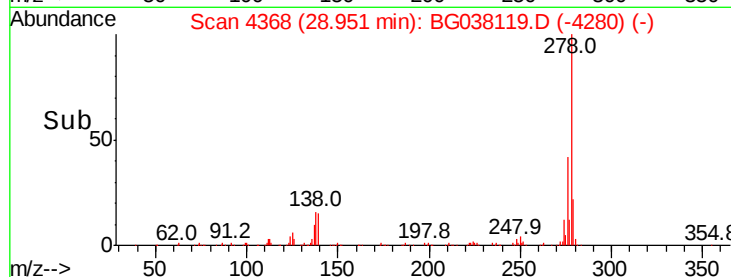
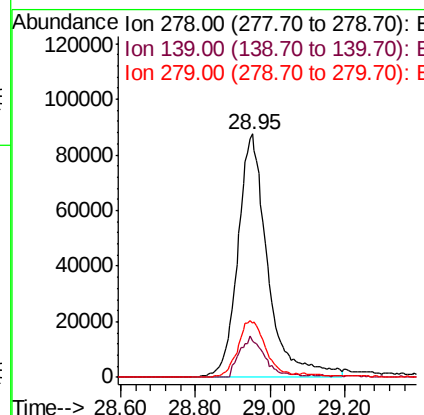
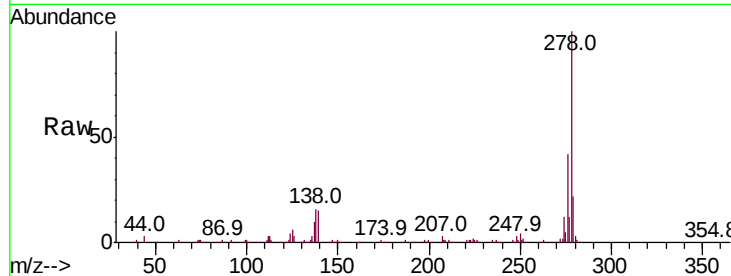
#91
Dibenzo(a,h)anthracene
Concen: 36.735 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.5	17.3
279	22.2	18.6	27.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 36.210 ng
RT: 30.09 min Scan# 4562
Delta R.T. -0.00 min
Lab File: BG038119.D
Acq: 21 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	20.7	17.2	25.8

