

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038091.D
 Acq On : 20 Nov 2018 18:48
 Operator : JU/SJ
 Sample : PB114970BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Manual Integrations
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Sohil
 11/21/2018 3:23:10 PM

Quant Time: Nov 21 03:53:10 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	40762	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	169501	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	104881	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	245134	20.00	ng	0.00
76) Chrysene-d12	21.75	240	230829	20.00	ng	0.00
87) Perylene-d12	25.07	264	247621	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	346812	146.90	ng	0.00
7) Phenol-d6	7.24	99	459073	136.22	ng	0.00
23) Nitrobenzene-d5	9.26	82	214957	67.89	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	157241	131.46	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	467633	64.96	ng	0.00
79) Terphenyl-d14	20.07	244	738886	75.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	42134	37.784	ng	# 97
3) Pyridine	3.91	79	120719	37.950	ng	99
4) n-Nitrosodimethylamine	3.84	42	60489	52.414	ng	# 93
6) Aniline	7.41	93	143563	33.007	ng	94
8) 2-Chlorophenol	7.65	128	128507	46.911	ng	99
9) Benzaldehyde	7.23	77	73511	30.163	ng	99
10) Phenol	7.26	94	163881	45.911	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	119490	41.003	ng	99
12) 1,3-Dichlorobenzene	7.97	146	130716	41.420	ng	95
13) 1,4-Dichlorobenzene	8.12	146	134743	42.267	ng	99
14) 1,2-Dichlorobenzene	8.44	146	127566	41.913	ng	99
15) Benzyl Alcohol	8.33	79	111092	45.557	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	239843	44.323	ng	99
17) 2-Methylphenol	8.52	107	113387	46.984	ng	99
18) Hexachloroethane	9.17	117	49357	42.542	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	96553	39.596	ng	98
20) 3+4-Methylphenols	8.85	107	151764	44.361	ng	96
22) Acetophenone	8.91	105	183187	43.437	ng	# 96
24) Nitrobenzene	9.31	77	148149	45.737	ng	96
25) Isophorone	9.82	82	267841	46.995	ng	99
26) 2-Nitrophenol	10.02	139	70786	43.774	ng	98
27) 2,4-Dimethylphenol	10.06	122	127431	52.303	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	167734	46.025	ng	98
29) 2,4-Dichlorophenol	10.55	162	127307	46.454	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	132048	42.999	ng	99
31) Naphthalene	10.96	128	387734	46.508	ng	99
32) Benzoic acid	10.19	122	65609	43.409	ng	94
33) 4-Chloroaniline	11.07	127	98023	25.277	ng	96
34) Hexachlorobutadiene	11.22	225	78832	41.709	ng	94
35) Caprolactam	11.85	113	45181m	41.189	ng	
36) 4-Chloro-3-methylphenol	12.18	107	136336	45.536	ng	98
37) 2-Methylnaphthalene	12.56	142	283839	47.398	ng	99
38) 1-Methylnaphthalene	12.77	142	268685	46.612	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	144945	41.358	ng	98

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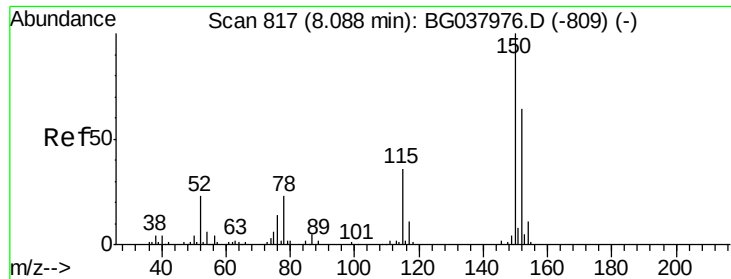
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	185164	98.667	nq	99
43) 2,4,6-Trichlorophenol	13.16	196	104997	43.965	nq	99
44) 2,4,5-Trichlorophenol	13.23	196	112874	44.919	nq	95
46) 1,1'-Biphenyl	13.56	154	358980	40.741	nq	99
47) 2-Chloronaphthalene	13.60	162	285979	42.533	nq	99
48) 2-Nitroaniline	13.81	65	97453	46.052	nq	95
49) Acenaphthylene	14.45	152	474028	46.883	nq	99
50) Dimethylphthalate	14.17	163	360084	43.307	nq	99
51) 2,6-Dinitrotoluene	14.30	165	83763	44.511	nq	96
52) Acenaphthene	14.78	154	273189	44.881	nq	97
53) 3-Nitroaniline	14.64	138	68046	32.769	nq	# 94
54) 2,4-Dinitrophenol	14.84	184	81910	80.574	nq	# 90
55) Dibenzofuran	15.12	168	438277	43.544	nq	98
56) 4-Nitrophenol	14.93	139	144058	89.950	nq	99
57) 2,4-Dinitrotoluene	15.08	165	120192	46.942	nq	98
58) Fluorene	15.77	166	350280	46.643	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	99304	47.228	nq	97
60) Diethylphthalate	15.52	149	375910	42.565	nq	100
61) 4-Chlorophenyl-phenylether	15.75	204	183041	41.655	nq	99
62) 4-Nitroaniline	15.80	138	94459	45.791	nq	96
63) Azobenzene	16.05	77	349141	44.216	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	64325	41.487	nq	99
66) n-Nitrosodiphenylamine	15.97	169	318433	42.939	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	113117	42.042	nq	97
68) Hexachlorobenzene	16.76	284	115629	41.635	nq	98
69) Atrazine	16.91	200	120468	44.066	nq	97
70) Pentachlorophenol	17.11	266	134360	71.234	nq	96
71) Phenanthrene	17.51	178	583831	46.518	nq	100
72) Anthracene	17.60	178	597702	48.313	nq	99
73) Carbazole	17.87	167	551863	44.461	nq	99
74) Di-n-butylphthalate	18.41	149	660787	47.425	nq	99
75) Fluoranthene	19.52	202	701219	48.970	nq	100
77) Benzidine	19.70	184	323449	39.934	nq	99
78) Pyrene	19.88	202	710721	47.093	nq	98
80) Butylbenzylphthalate	20.75	149	310359	47.025	nq	98
81) Benzo(a)anthracene	21.73	228	672966	48.244	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	176648	32.510	nq	98
83) Chrysene	21.80	228	617001	46.230	nq	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	431889	45.887	nq	100
85) Di-n-octyl phthalate	22.84	149	750272	49.273	nq	99
86) Indeno(1,2,3-cd)pyrene	28.89	276	738751	49.838	nq	# 96
88) Benzo(b)fluoranthene	24.01	252	648740	47.608	nq	99
89) Benzo(k)fluoranthene	24.08	252	651945	48.486	nq	99
90) Benzo(a)pyrene	24.92	252	647007	49.683	nq	99
91) Dibenzo(a,h)anthracene	28.96	278	593227	47.344	nq	97
92) Benzo(g,h,i)perylene	30.09	276	600221	48.176	nq	100

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



#1

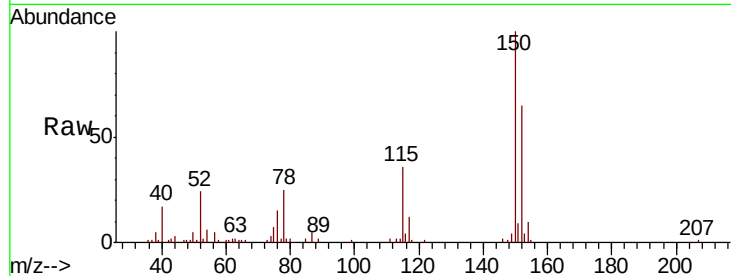
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.0	189.0
115	56.1	45.5	68.3

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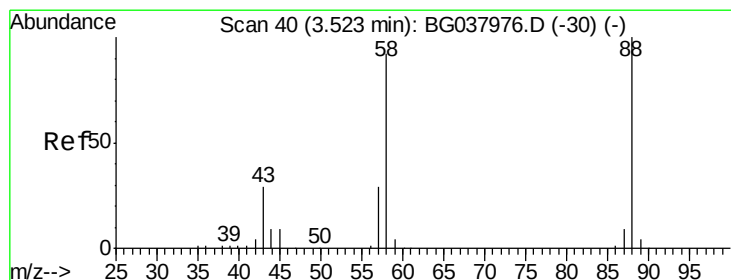
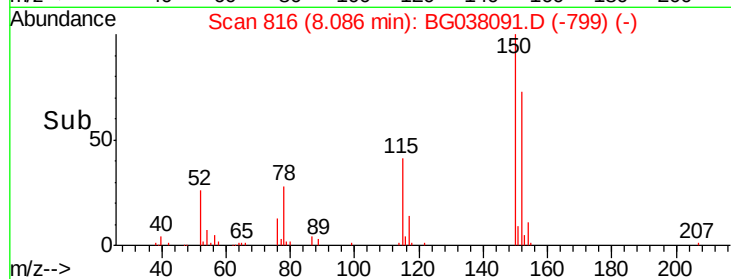
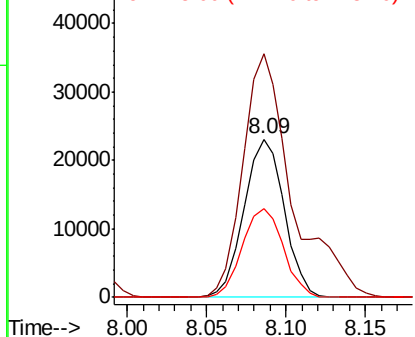


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

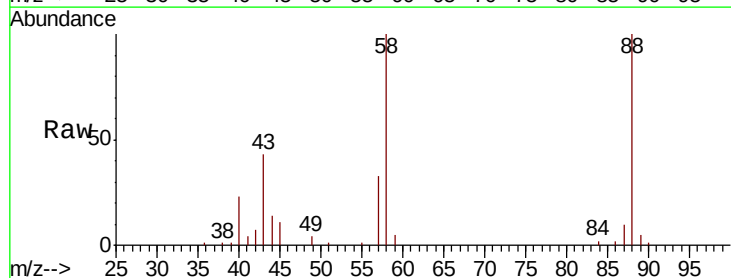
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.784 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.9	74.4	111.6
43	39.2	25.8	38.8#

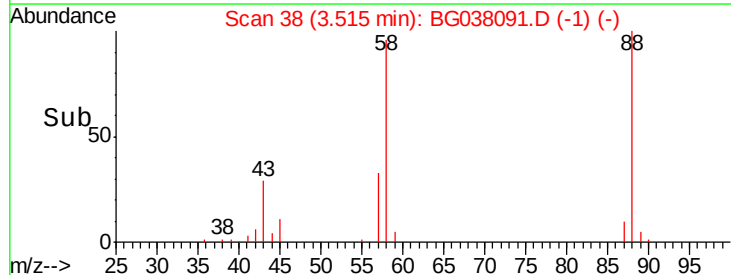
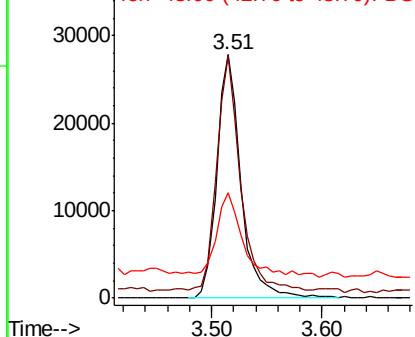


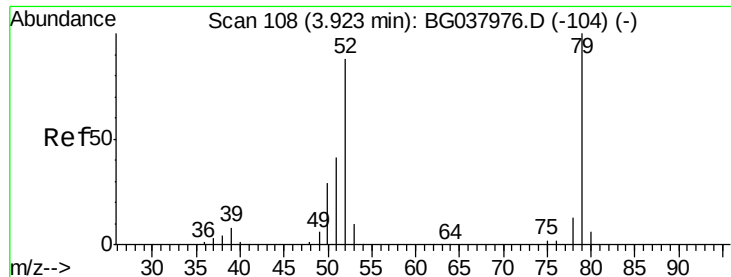
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.950 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

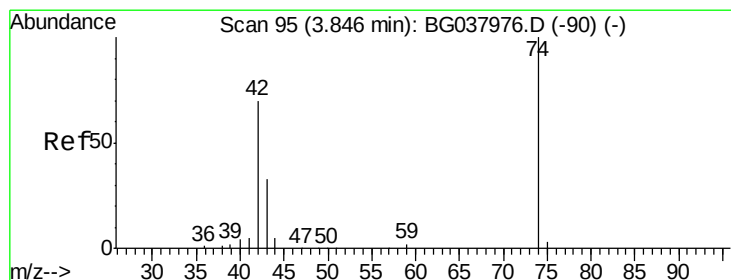
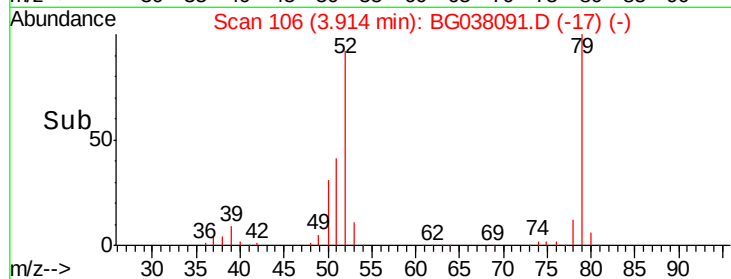
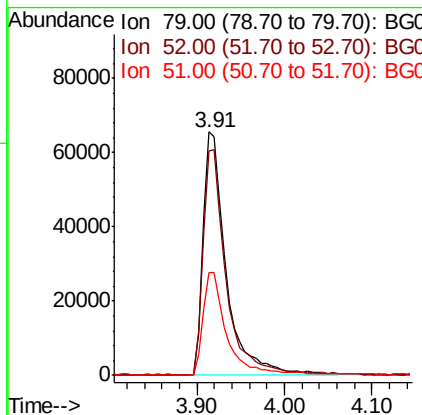
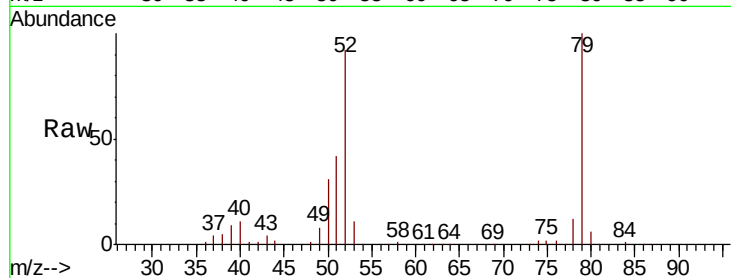
ClientSampleId :

PB114970BS

Tot Ion:	79	Resp:	120719
Ion	Ratio	Lower	Upper
79	100		
52	92.1	74.2	111.2
51	42.2	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 52.414 ng

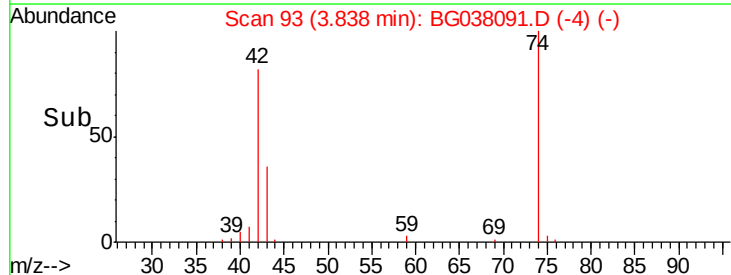
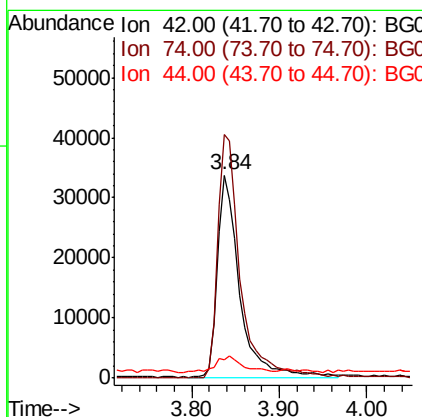
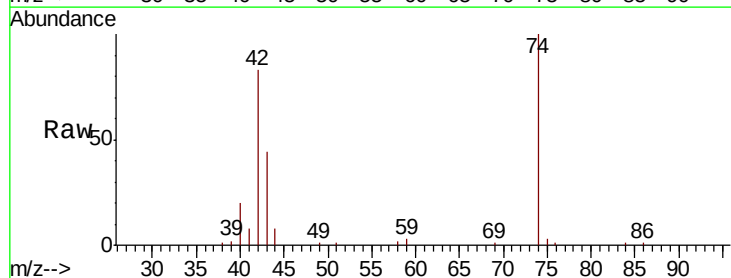
RT: 3.84 min Scan# 93

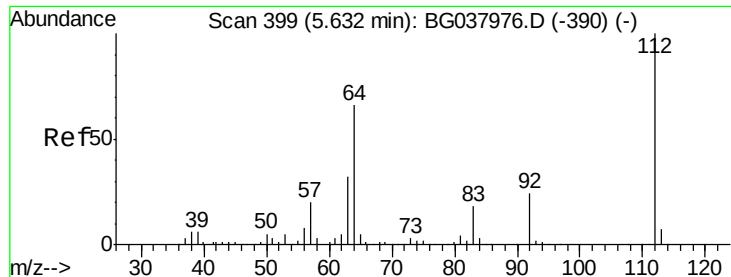
Delta R.T. -0.01 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion:	42	Resp:	60489
Ion	Ratio	Lower	Upper
42	100		
74	120.1	102.0	153.0
44	9.2	9.6	14.4#





#5

2-Fluorophenol

Concen: 146.900 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

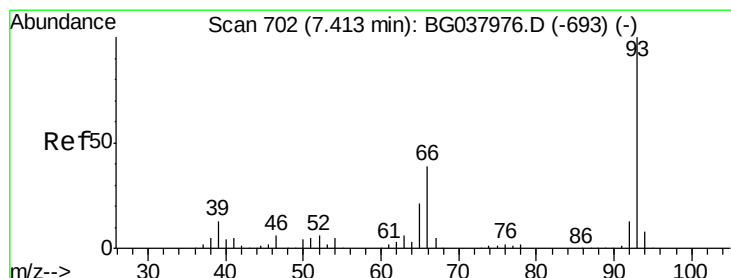
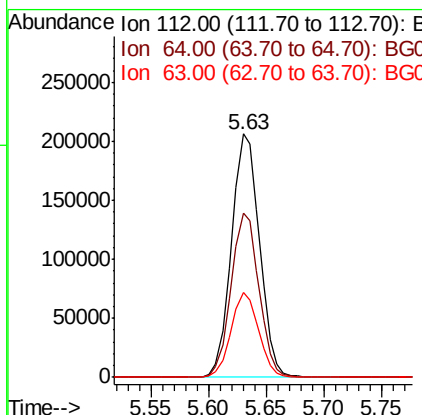
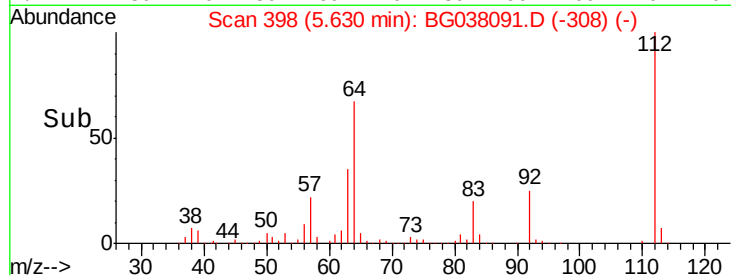
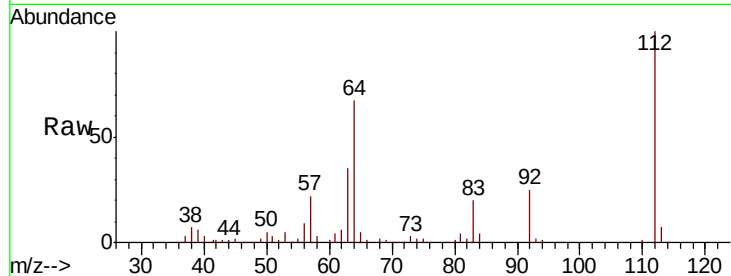
ClientSampleID :

PB114970BS

Tot Ion:	112	Resp:	346812
Ion Ratio	Lower	Upper	
112	100		
64	67.5	53.1	79.7
63	35.0	27.3	40.9

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#6

Aniline

Concen: 33.007 ng

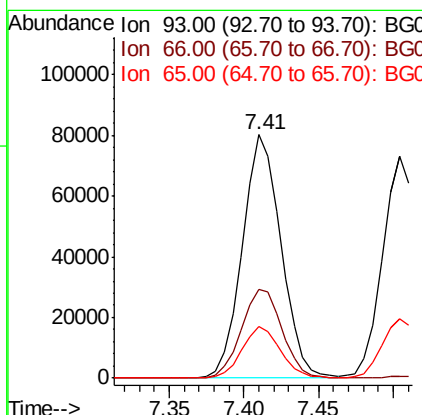
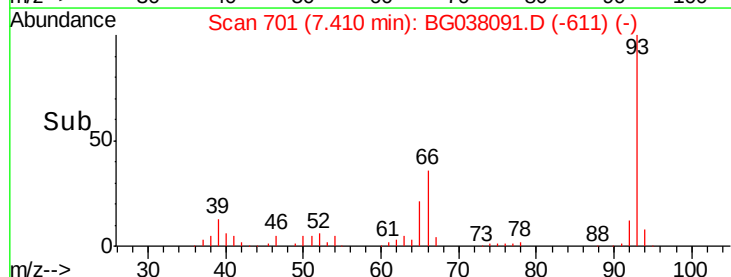
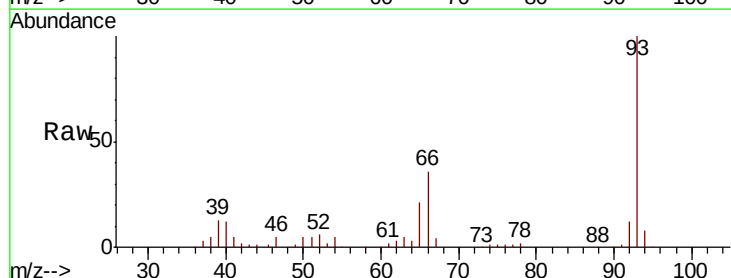
RT: 7.41 min Scan# 701

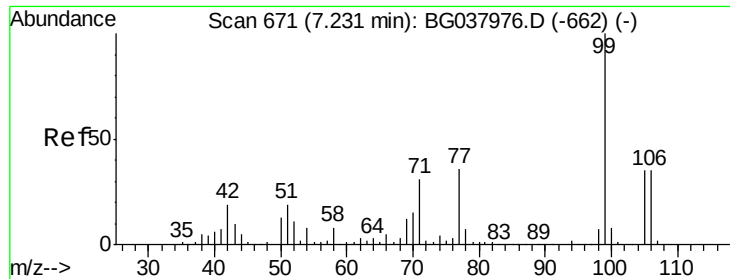
Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion:	93	Resp:	143563
Ion Ratio	Lower	Upper	
93	100		
66	36.2	32.8	49.2
65	21.3	16.4	24.6





#7

Phenol-d6

Concen: 136.223 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

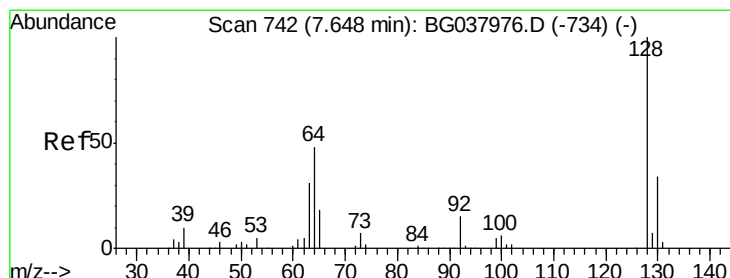
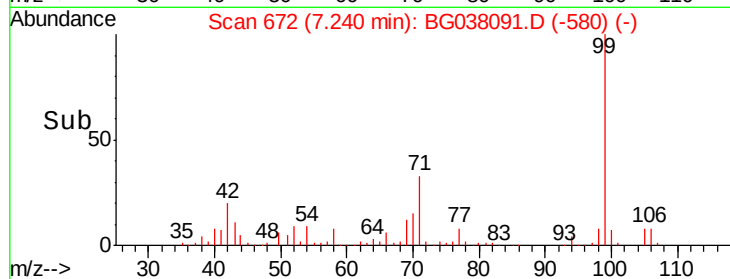
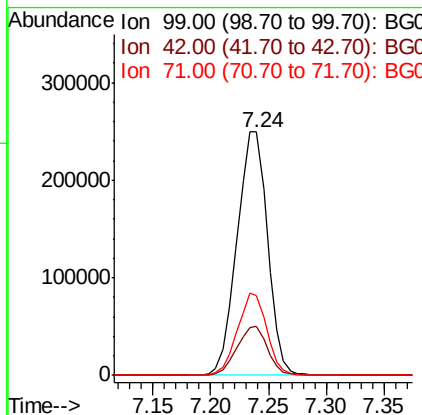
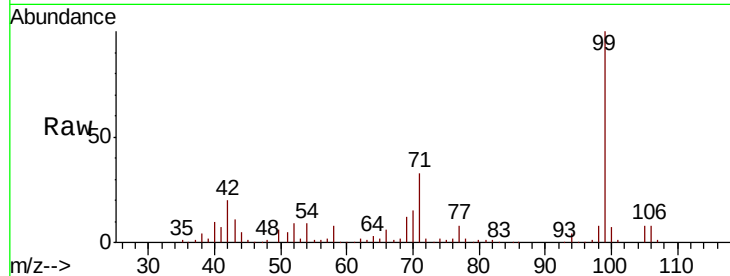
ClientSampleId :

PB114970BS

Tot Ion:	99	Resp:	459073
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.0	22.4
71	32.8	25.5	38.3

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#8

2-Chlorophenol

Concen: 46.911 ng

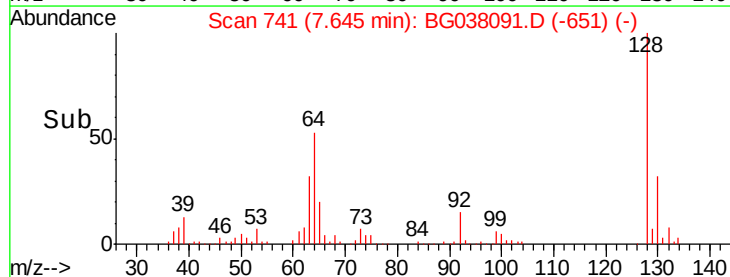
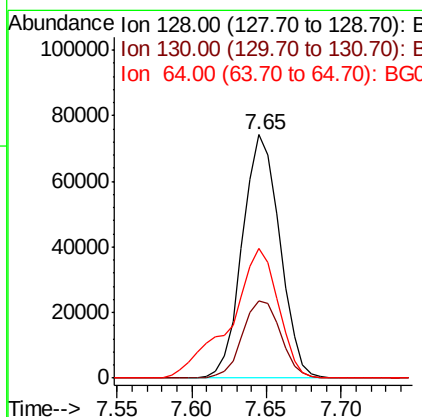
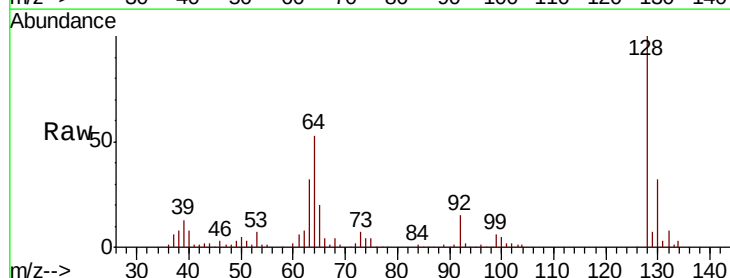
RT: 7.65 min Scan# 741

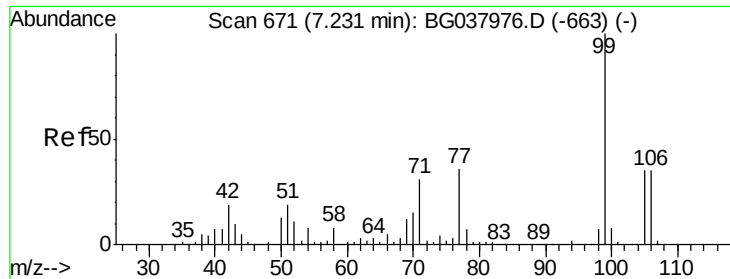
Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion:	128	Resp:	128507
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.0	52.0
64	53.4	32.9	72.9





#9

Benzaldehyde

Concen: 30.163 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

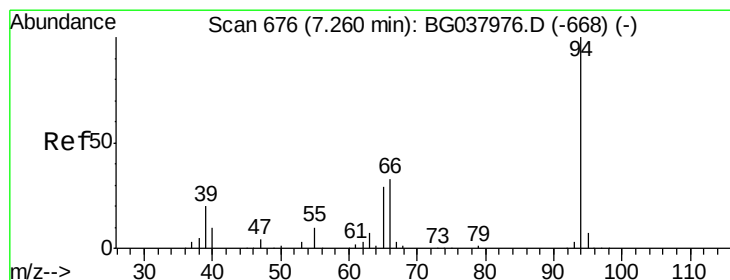
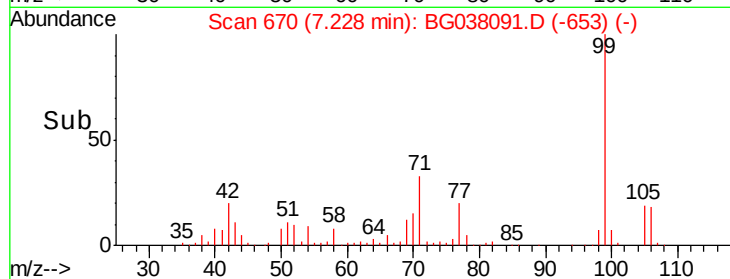
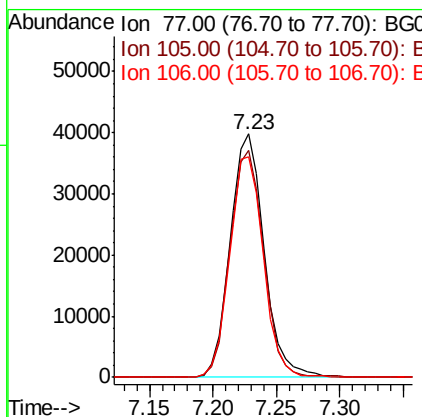
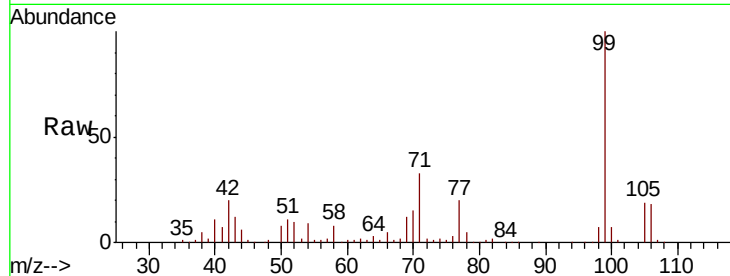
ClientSampled :

PB114970BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.2	72.6	112.6
106	90.4	71.3	111.3

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#10

Phenol

Concen: 45.911 ng

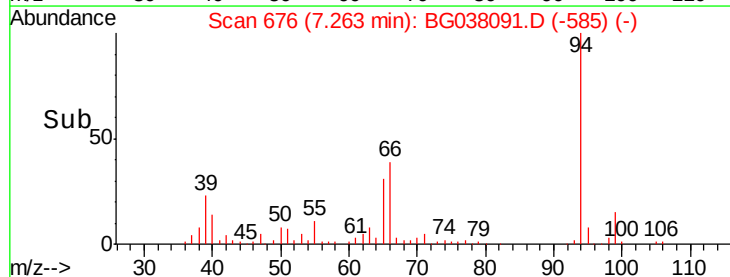
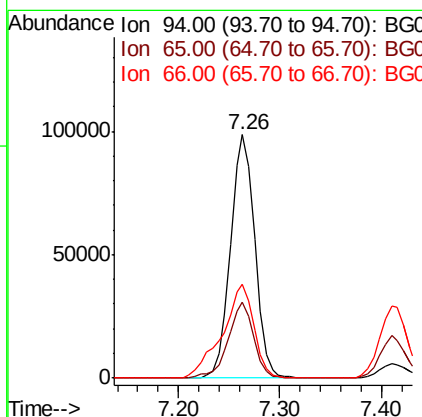
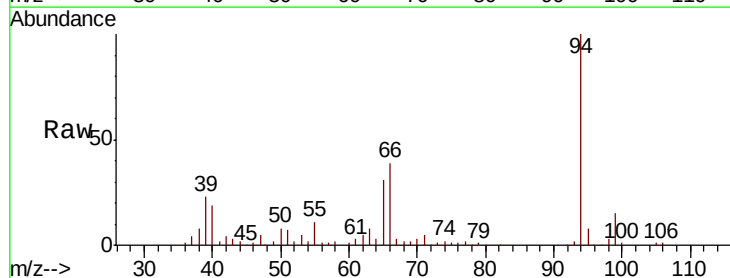
RT: 7.26 min Scan# 676

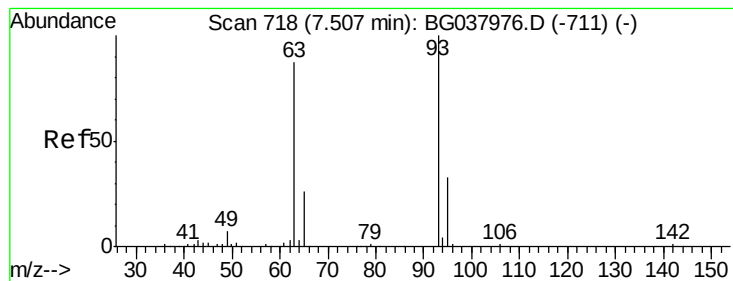
Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.7	49.7
66	38.6	15.9	55.9





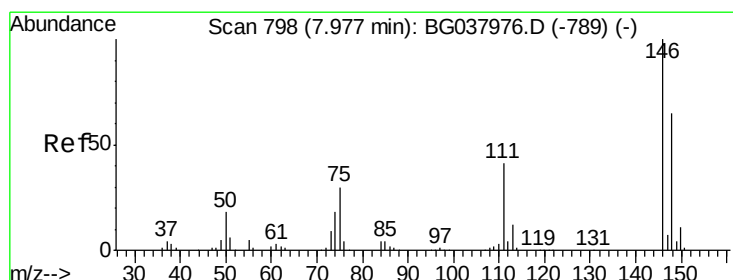
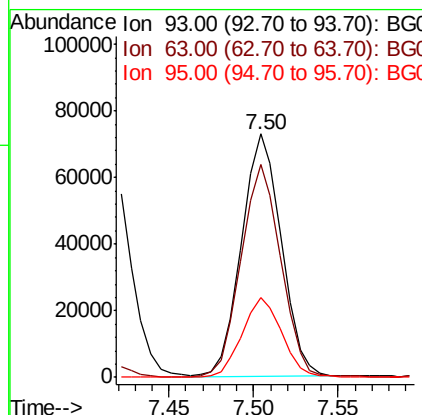
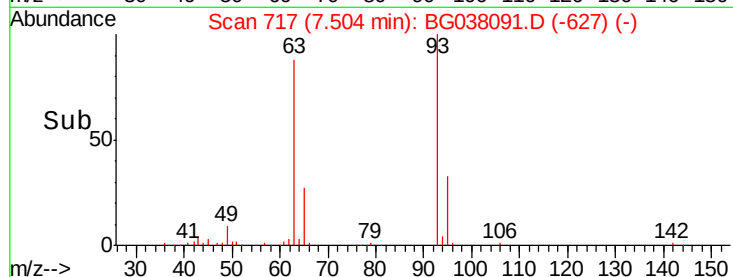
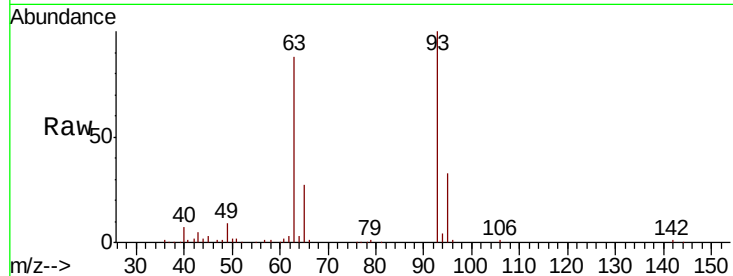
#11
bis(2-Chloroethyl)ether
Concen: 41.003 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampled :
PB114970BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	69.5	109.5
95	32.8	12.6	52.6

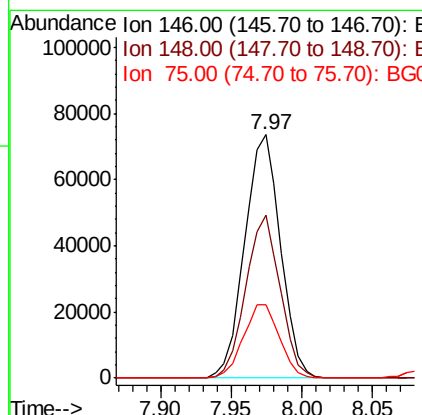
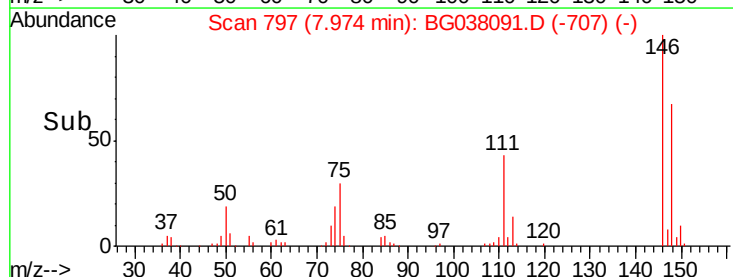
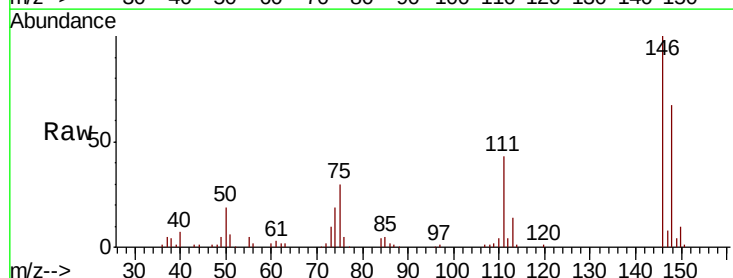
Manual Integrations
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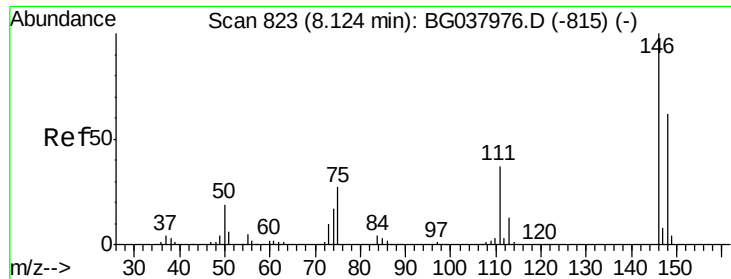
Sohil
11/21/2018 3:23:10 PM



#12
1,3-Dichlorobenzene
Concen: 41.420 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	49.8	74.8
75	30.3	23.2	34.8





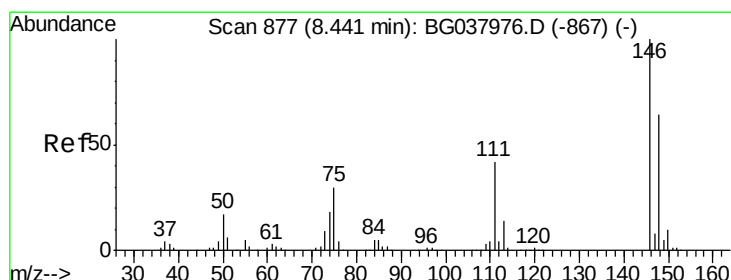
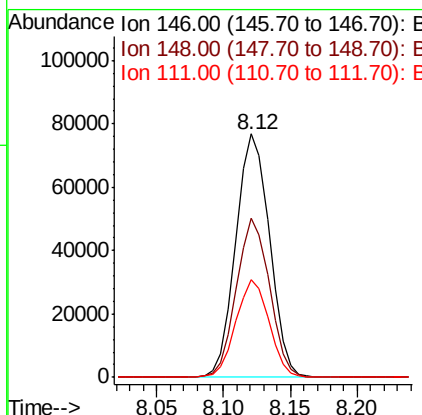
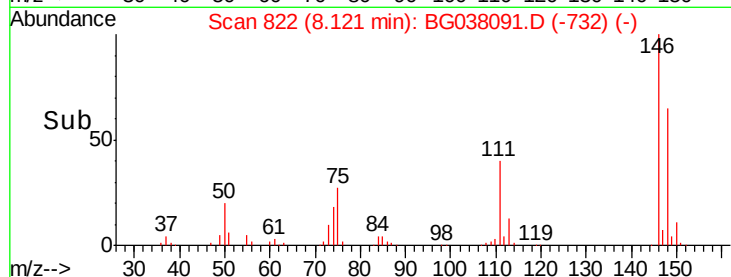
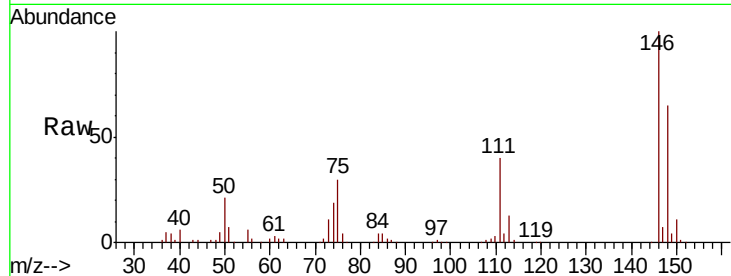
#13
 1,4-Dichlorobenzene
 Concen: 42.267 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampled :
 PB114970BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
111	40.2	32.4	48.6

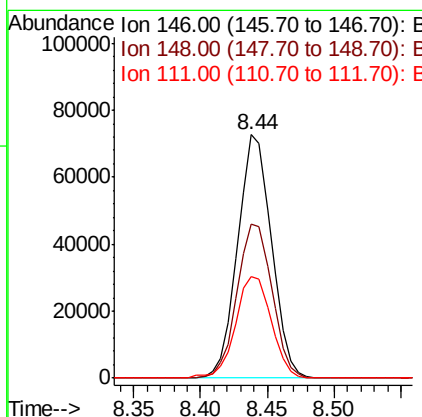
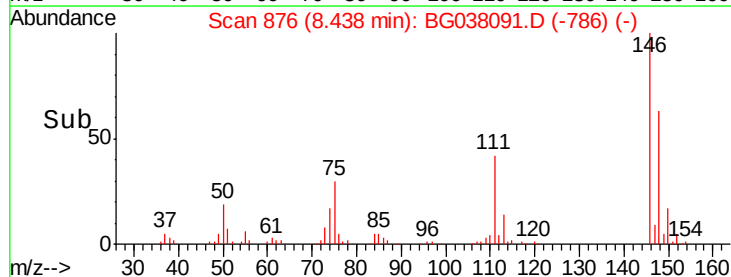
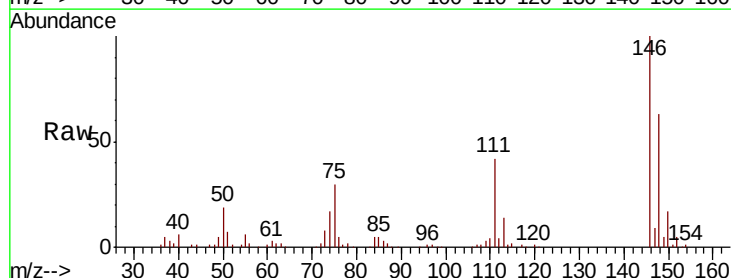
Manual Integrations
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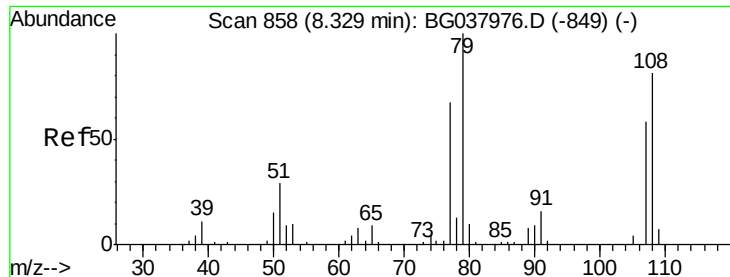
Sohil
 11/21/2018 3:23:10 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.913 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
111	41.9	34.6	51.8





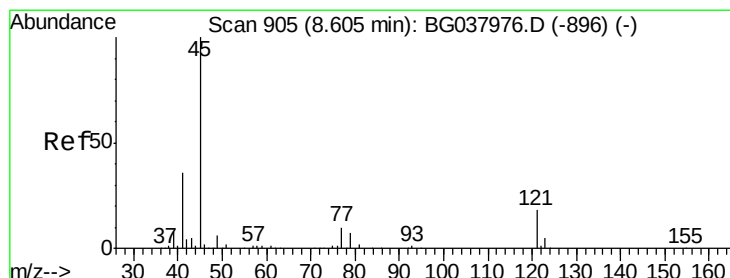
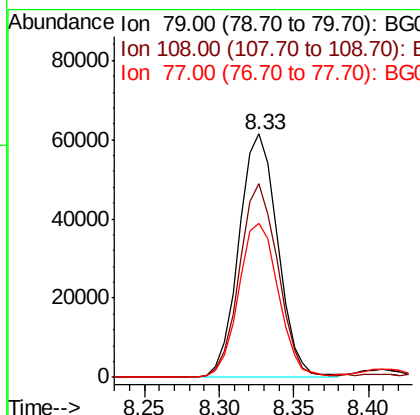
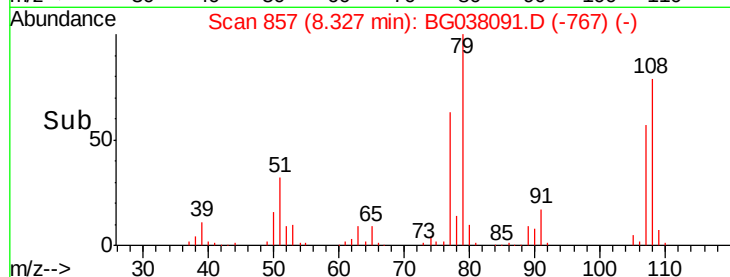
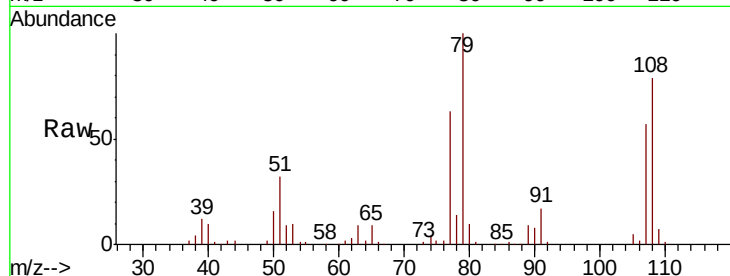
#15
Benzyl Alcohol
Concen: 45.557 ng
RT: 8.33 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.4	65.8	98.8
77	63.5	52.9	79.3

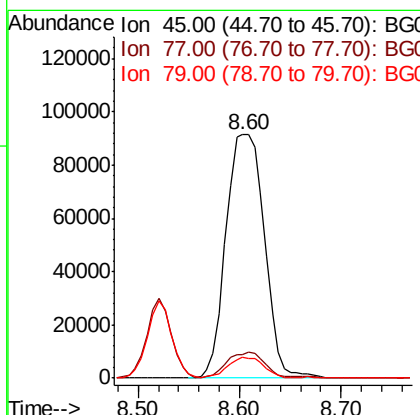
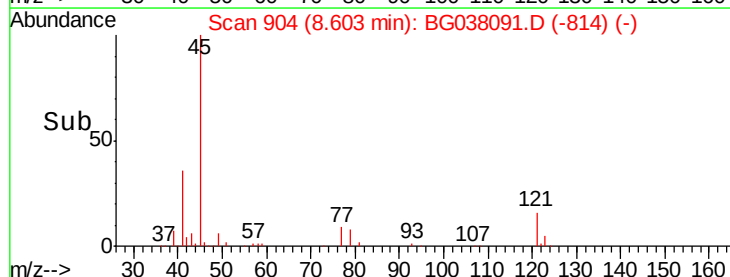
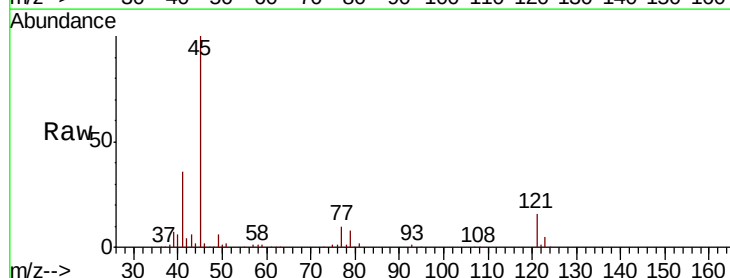
Manual Integrations
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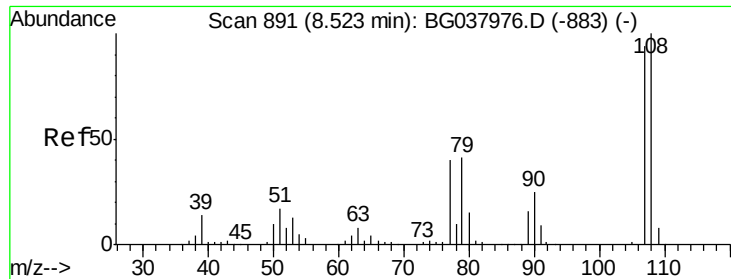
Sohil
11/21/2018 3:23:10 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.323 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	30.0
79	8.5	0.0	29.0





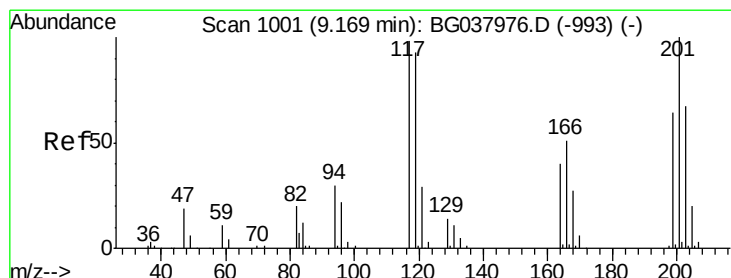
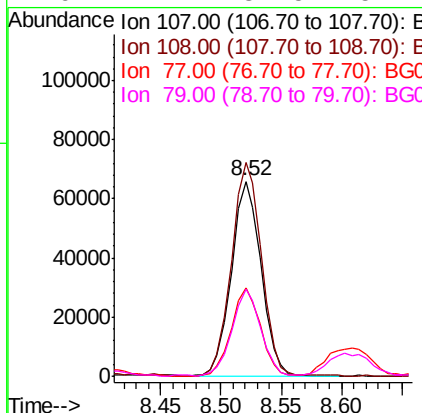
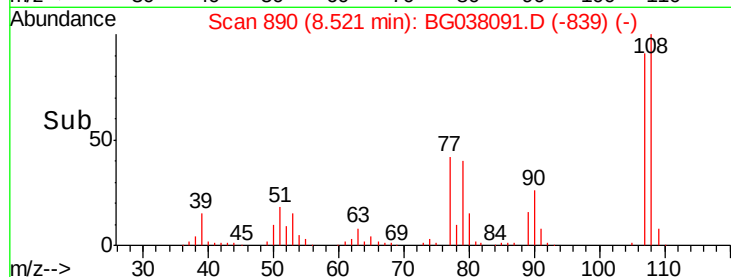
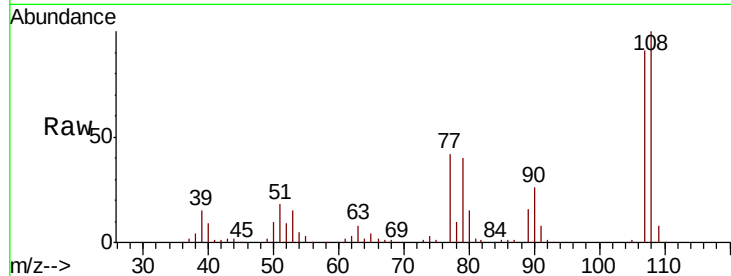
#17
2-Methylphenol
Concen: 46.984 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampled :
PB114970BS

Tot Ion:	107	Resp:	113387
Ion Ratio	Lower	Upper	
107	100		
108	109.7	87.9	131.9
77	45.6	35.1	52.7
79	44.4	34.5	51.7

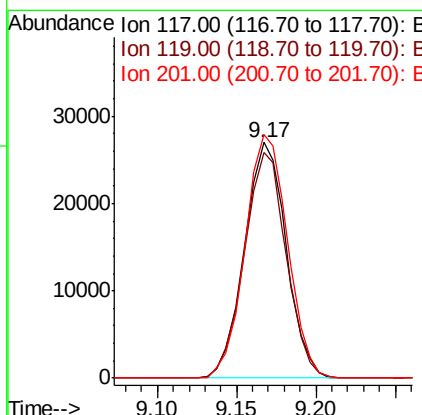
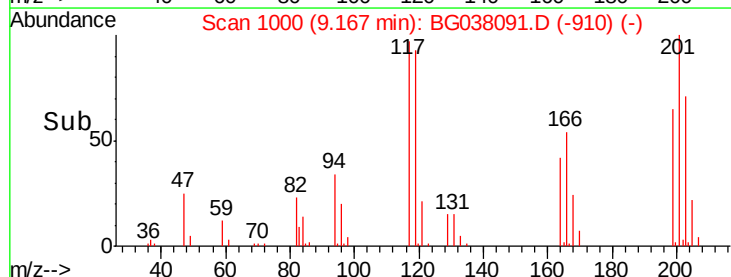
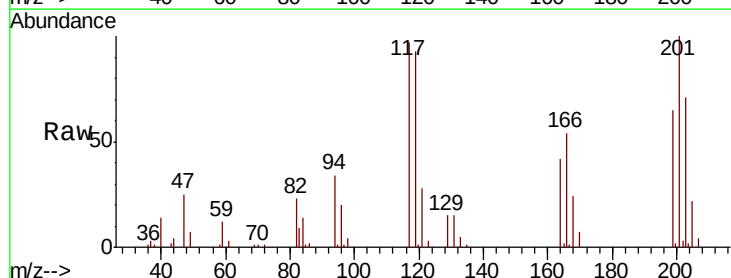
Manual Integrations
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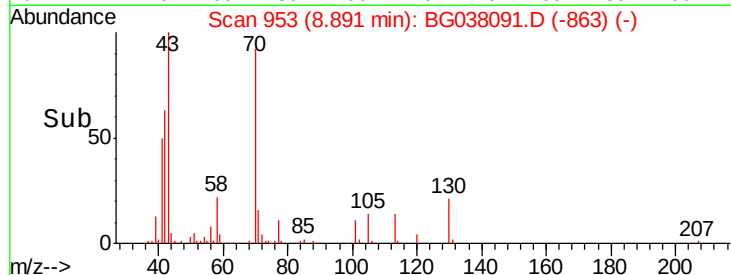
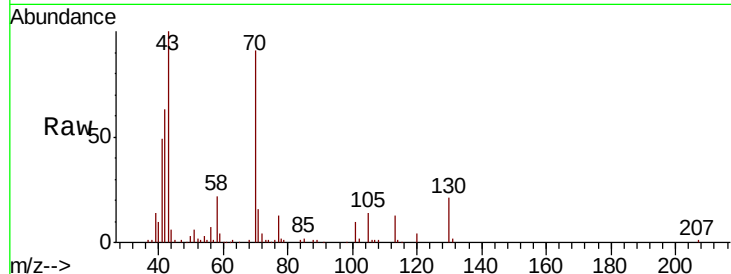
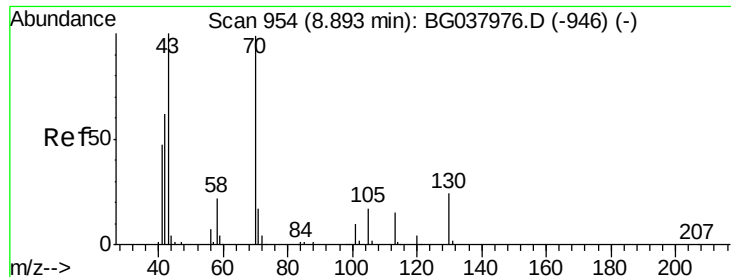
Sohil
11/21/2018 3:23:10 PM



#18
Hexachloroethane
Concen: 42.542 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:	117	Resp:	49357
Ion Ratio	Lower	Upper	
117	100		
119	95.8	74.6	111.8
201	103.3	80.8	121.2





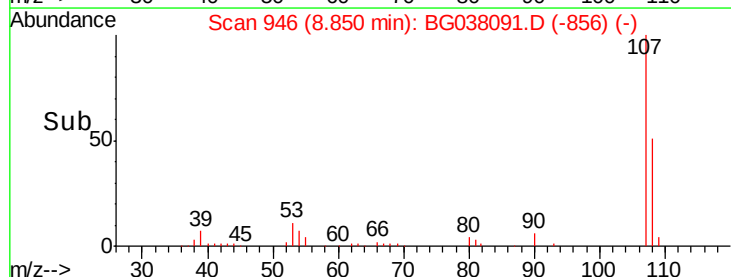
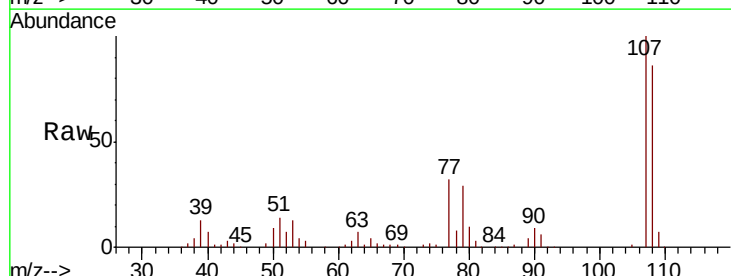
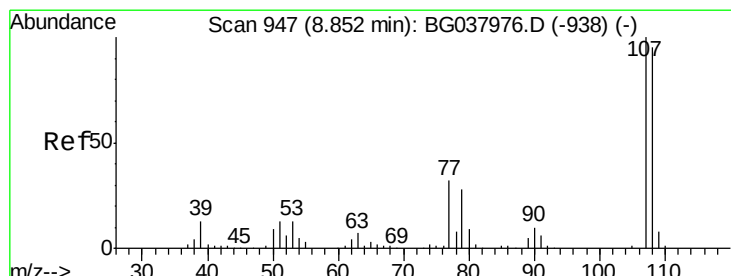
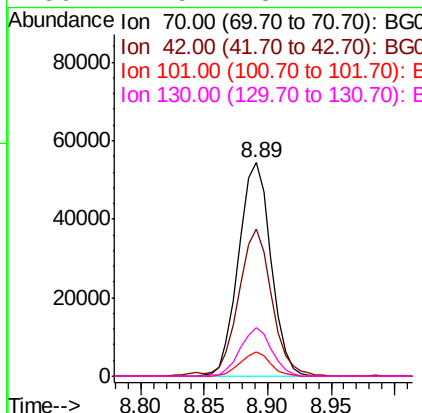
#19
n-Nitroso-di-n-propylamine
Concen: 39.596 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.6	53.9	80.9	
101	11.5	8.2	12.2	
130	22.5	18.2	27.4	

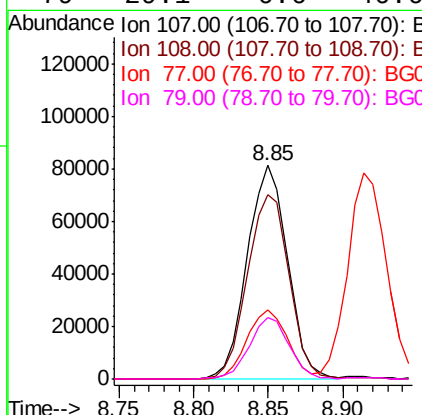
Manual Integrations
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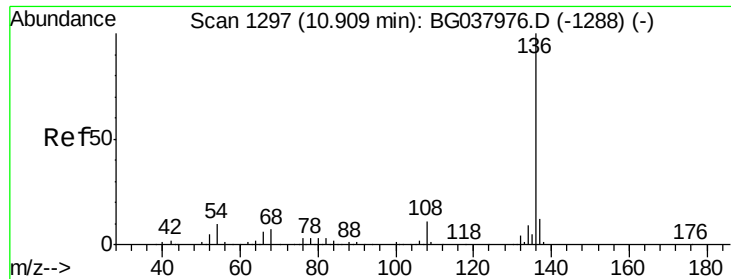
Sohil
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#20
3+4-Methylphenols
Concen: 44.361 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.1	69.9	109.9	
77	32.1	11.2	51.2	
79	29.1	6.6	46.6	





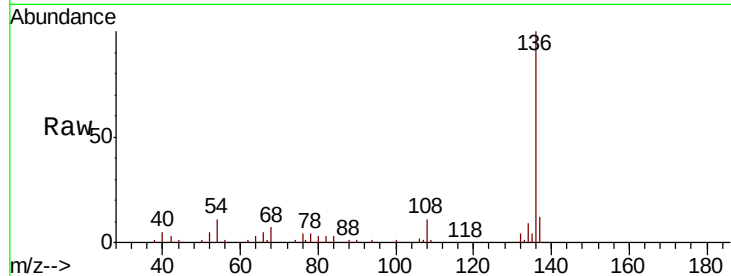
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

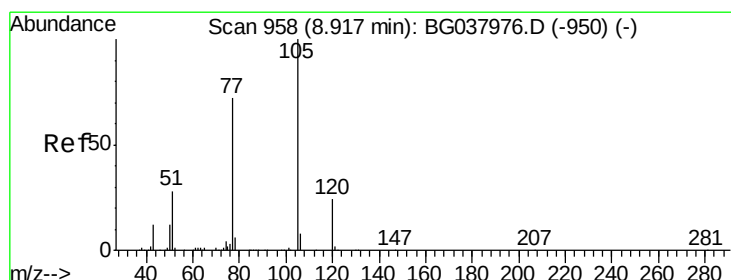
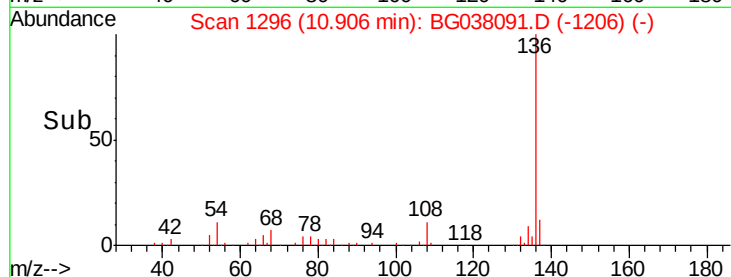
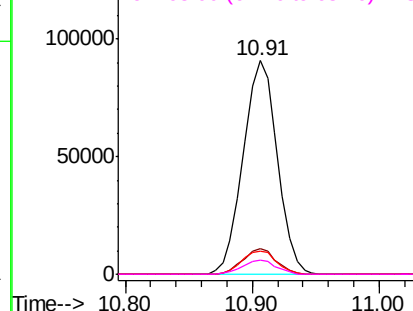
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		169501		
137	11.7		9.6	14.4	
54	10.8		7.9	11.9	
68	6.9		4.8	7.2	

Manual Integrations
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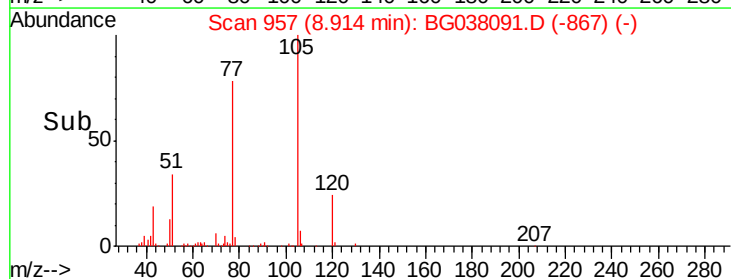
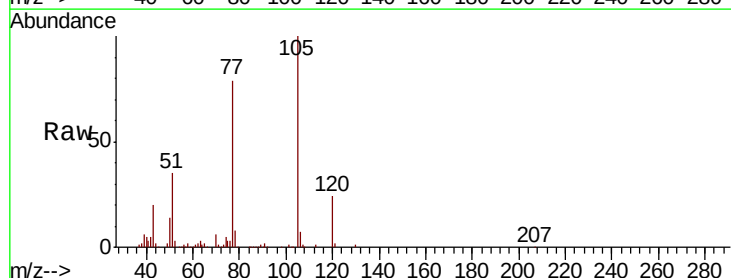
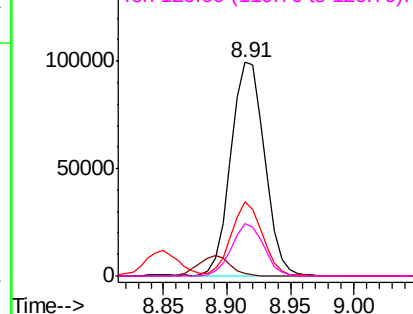
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

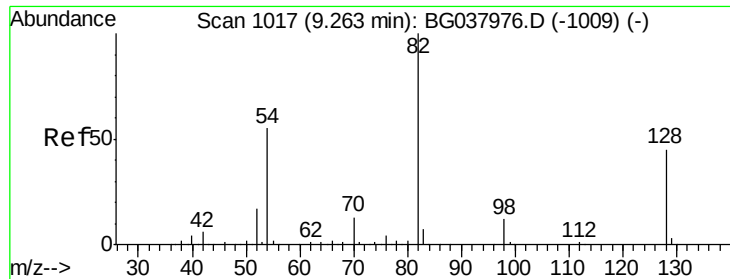


#22
Acetophenone
Concen: 43.437 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		183187		
71	1.0		1.2	1.8#	
51	34.6		25.0	37.6	
120	24.4		18.6	28.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





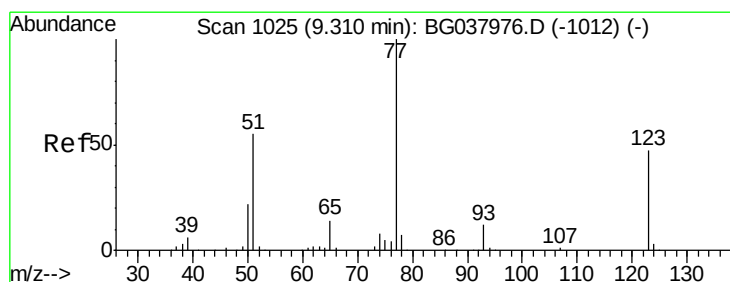
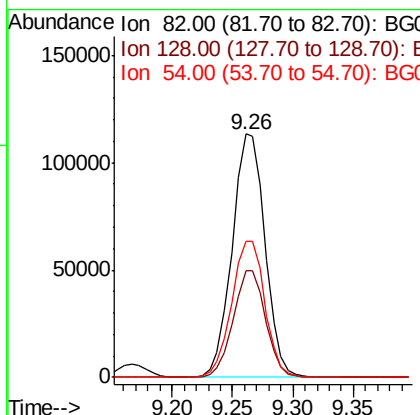
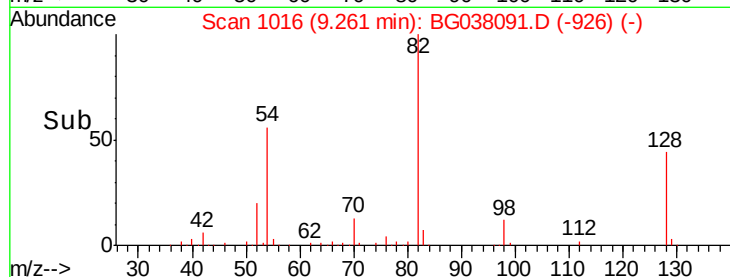
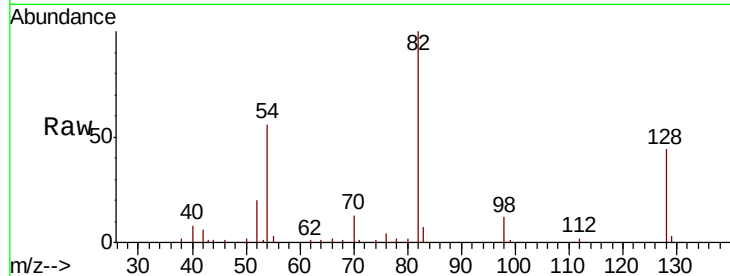
#23
Nitrobenzene-d5
Concen: 67.886 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	55.9	45.3	67.9

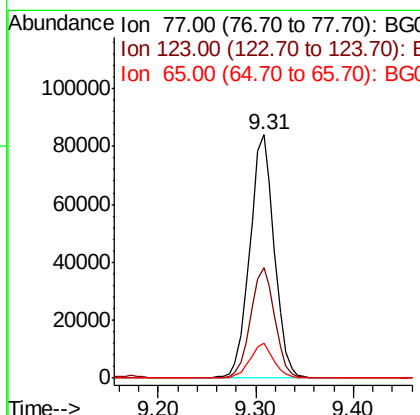
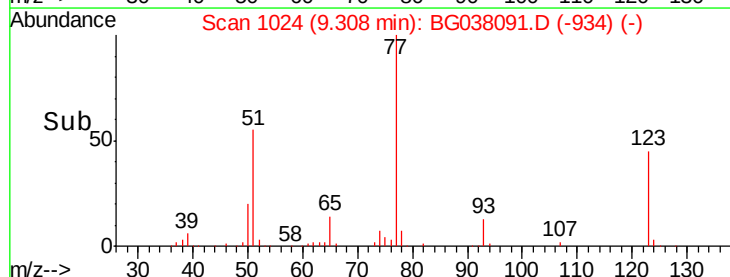
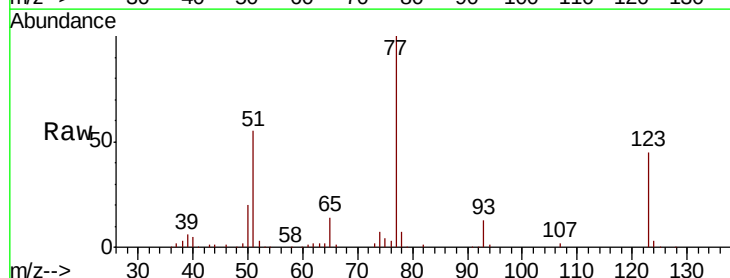
Manual Integrations
APPROVED

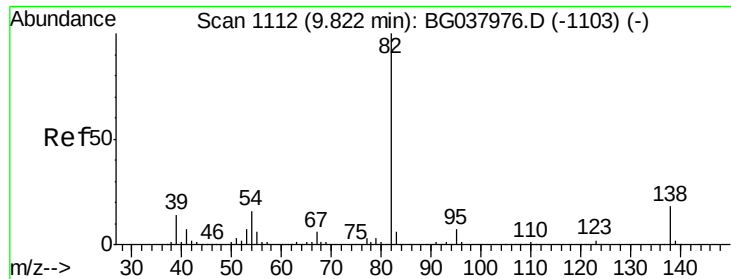
Sohil
11/21/2018 3:23:10 PM



#24
Nitrobenzene
Concen: 45.737 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	33.6	50.4
65	14.2	11.3	16.9





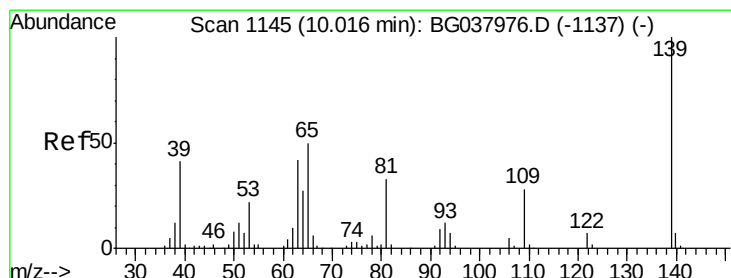
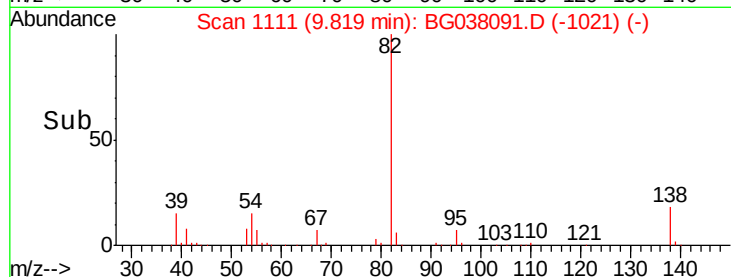
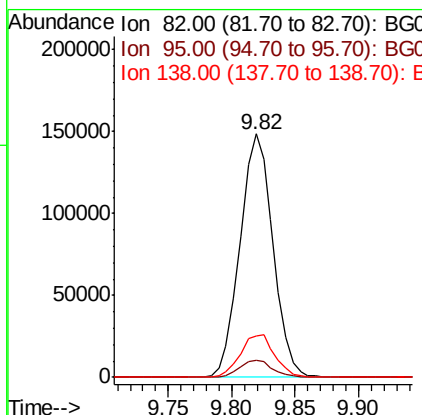
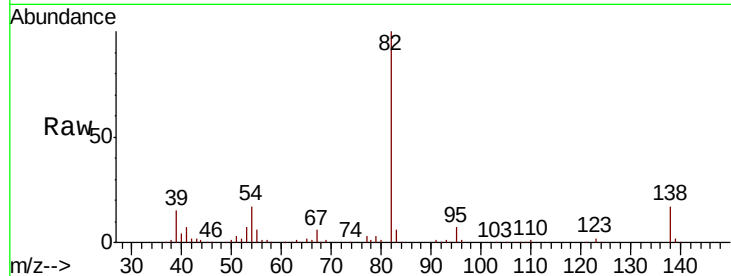
#25
Isophorone
Concen: 46.995 ng
RT: 9.82 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	267841		
95	6.9		5.3	7.9
138	17.1		13.3	19.9

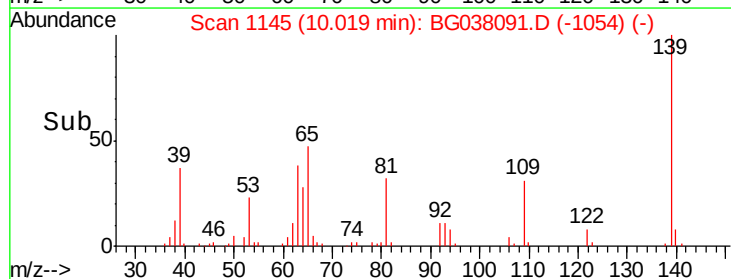
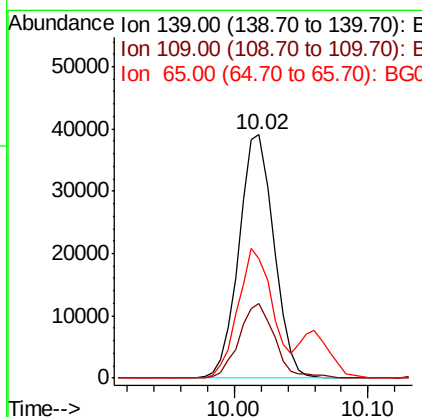
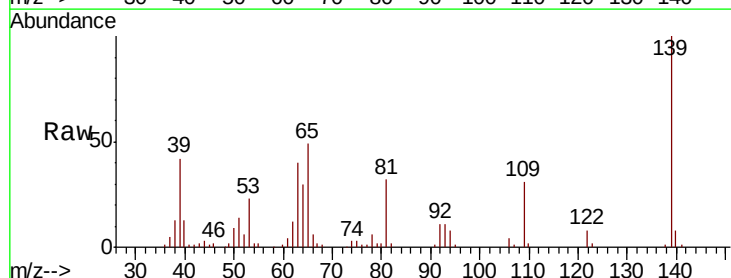
Manual Integrations
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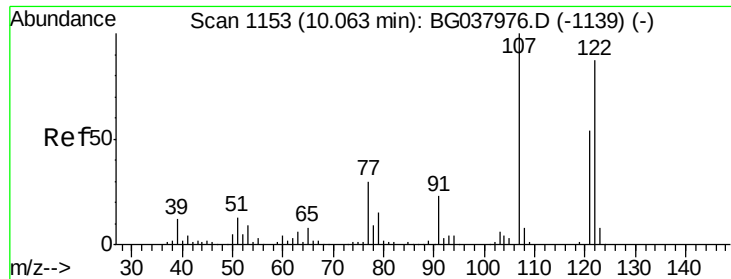
Sohil
11/21/2018 3:23:10 PM



#26
2-Nitrophenol
Concen: 43.774 ng
RT: 10.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	70786		
109	30.7		23.3	34.9
65	49.0		39.8	59.8





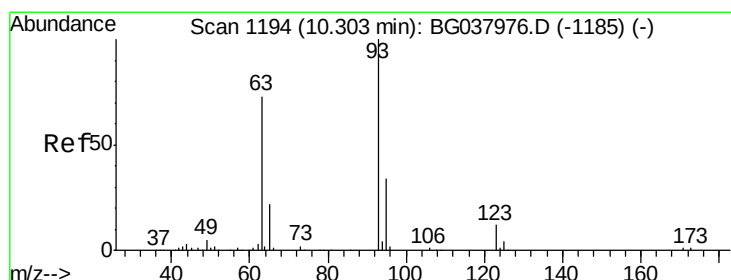
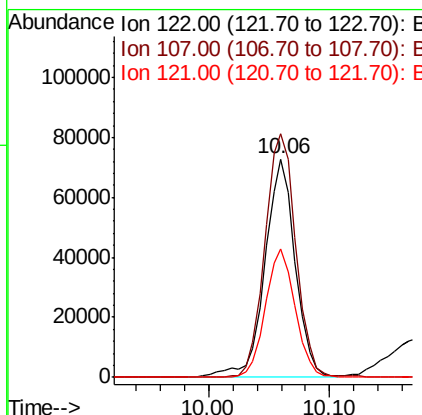
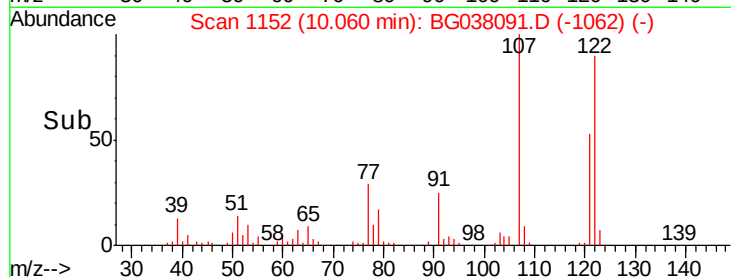
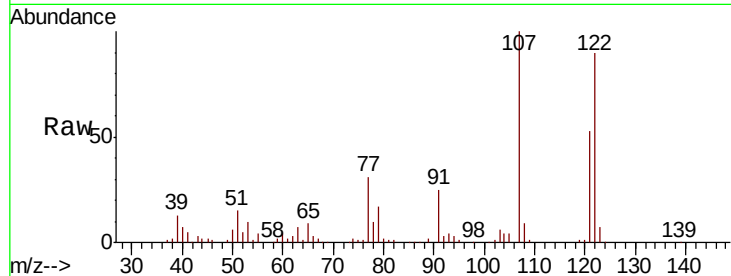
#27
2,4-Dimethylphenol
Concen: 52.303 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampled :
PB114970BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	94.2	141.2
121	58.6	47.3	70.9

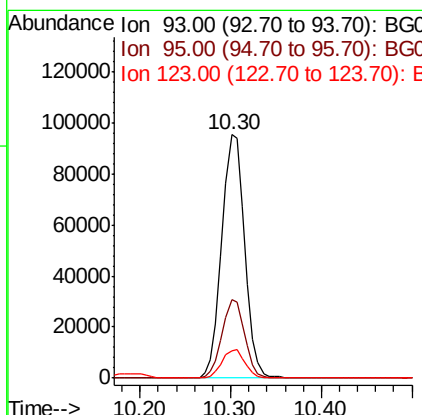
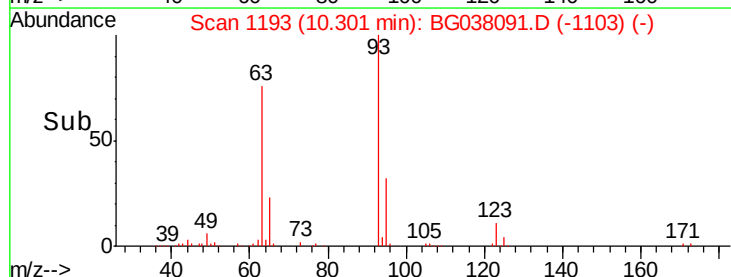
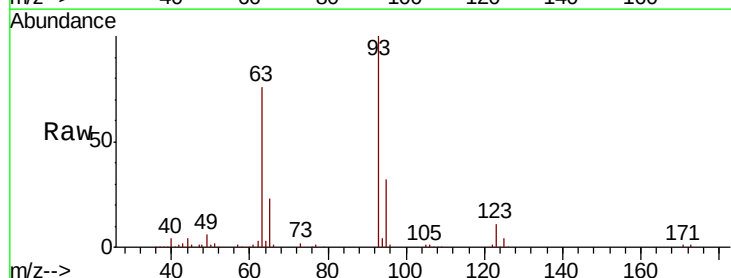
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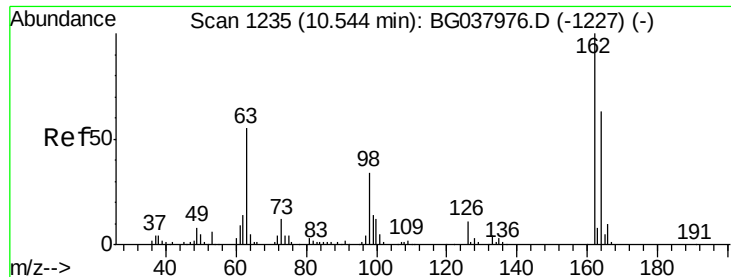
Sohil
11/21/2018 3:23:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.025 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.6	37.0
123	11.0	9.1	13.7





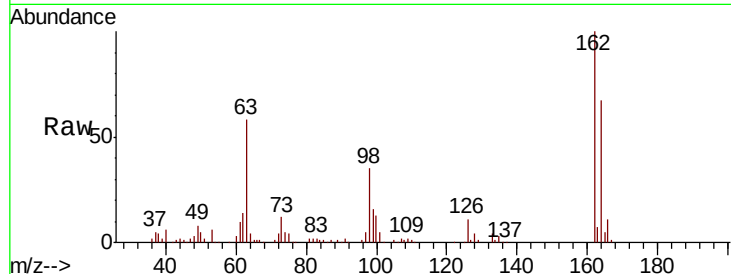
#29
 2,4-Dichlorophenol
 Concen: 46.454 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampleID :
 PB114970BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	43.2	83.2
98	34.6	16.0	56.0

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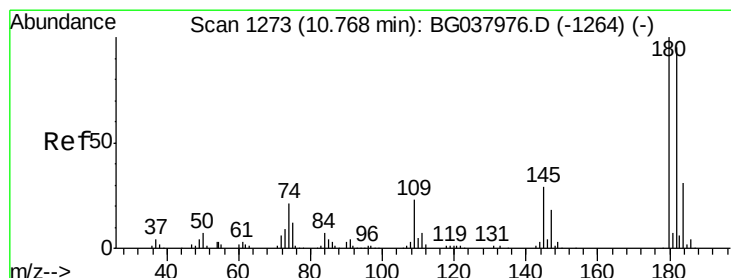
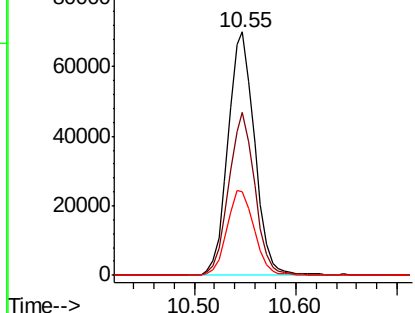
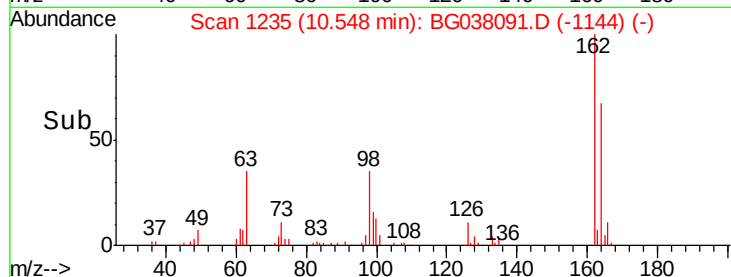


Abundance

Ion 162.00 (161.70 to 162.70): E

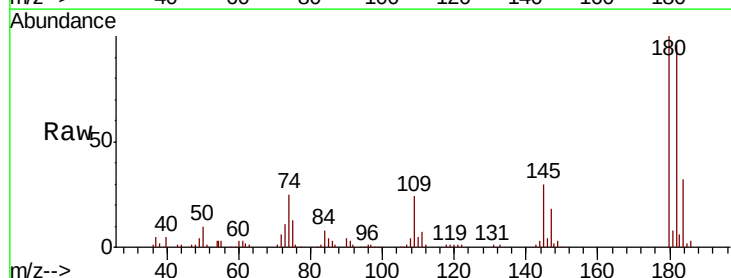
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 42.999 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.7	116.5
145	29.8	23.3	34.9

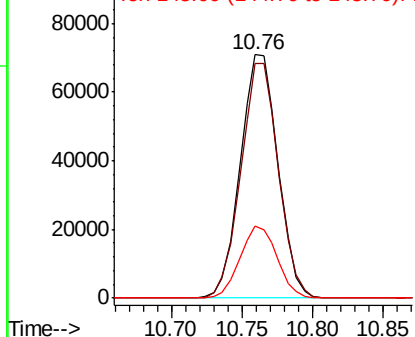
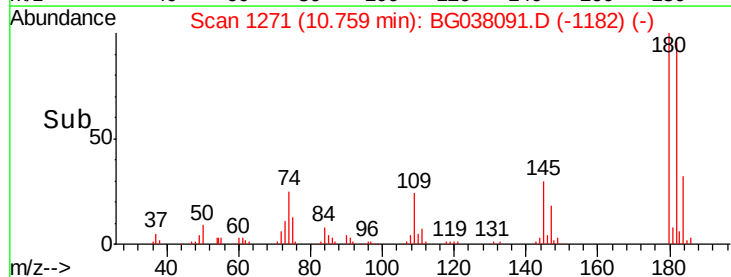


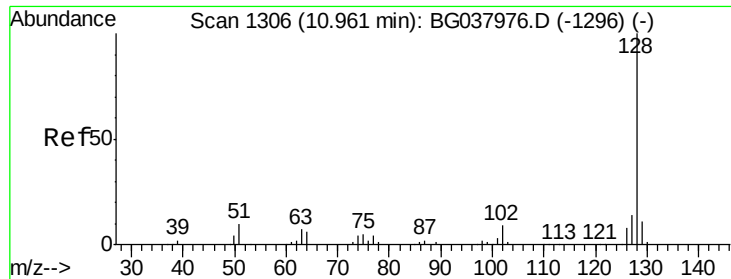
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





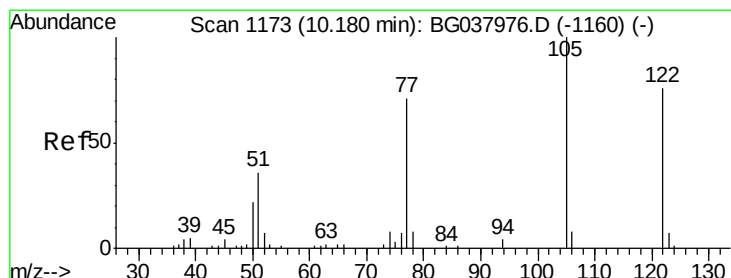
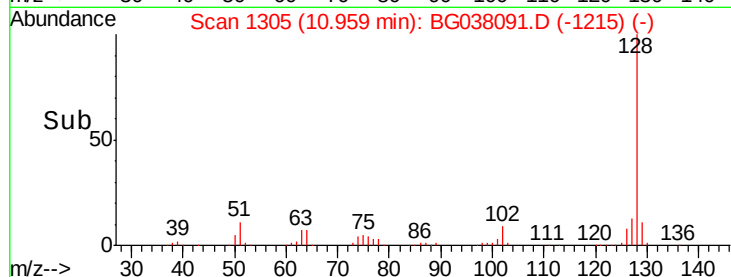
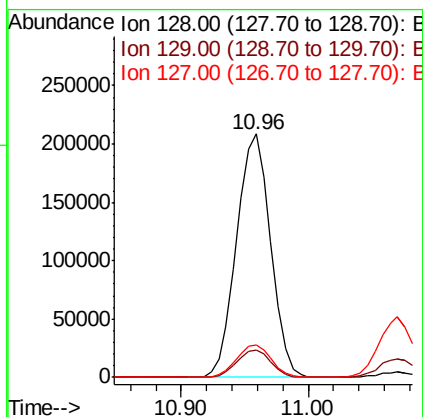
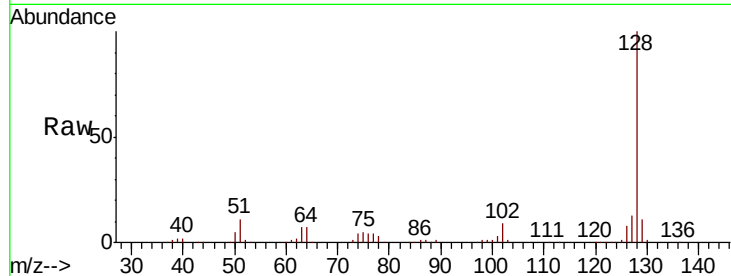
#31
Naphthalene
Concen: 46.508 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.4	11.1	16.7

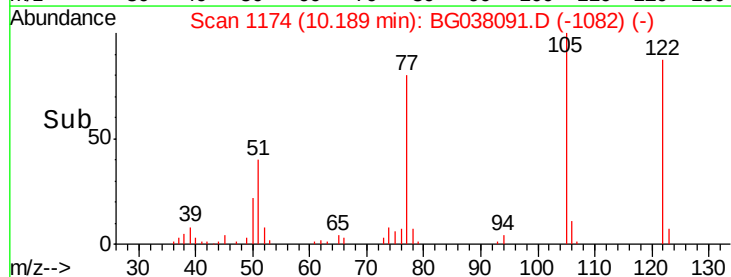
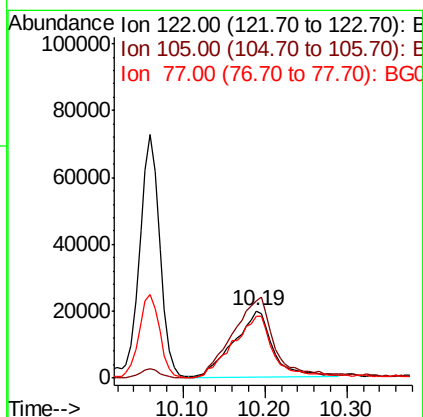
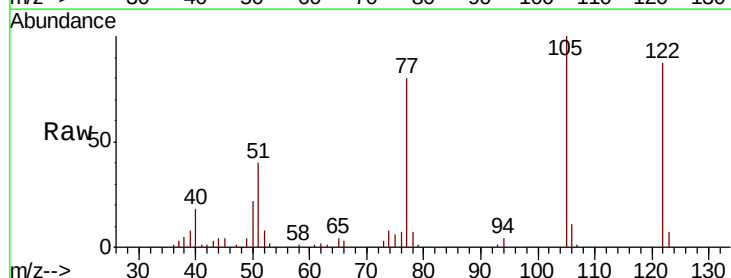
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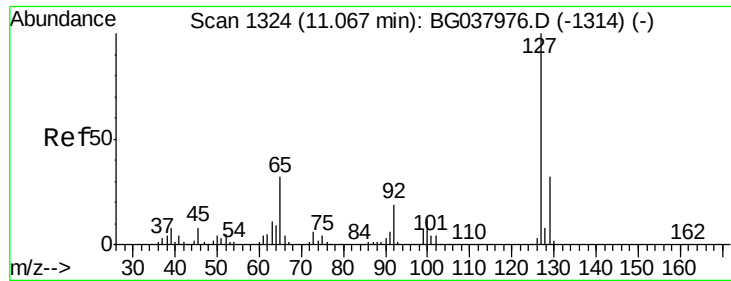
Sohil
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#32
Benzoic acid
Concen: 43.409 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	106.7	146.7
77	92.2	72.2	112.2





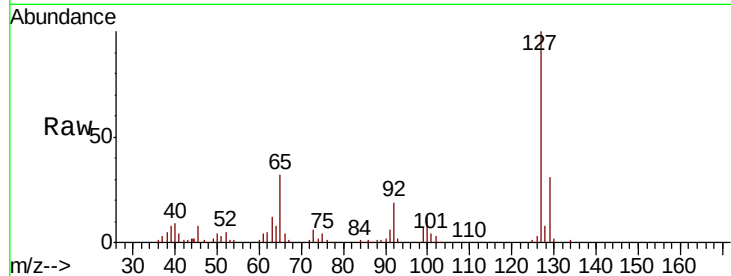
#33
4-Chloroaniline
Concen: 25.277 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

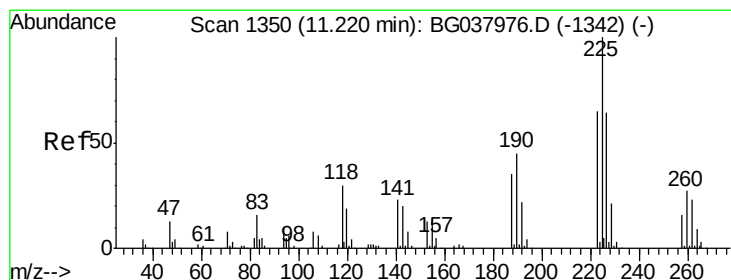
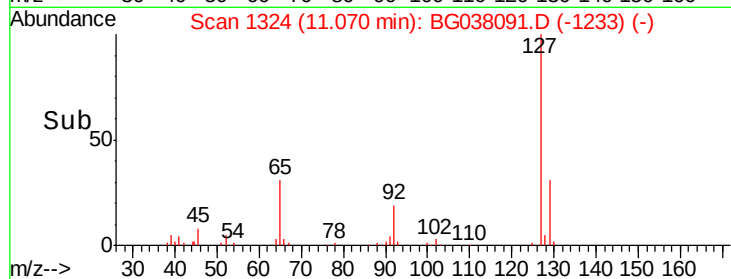
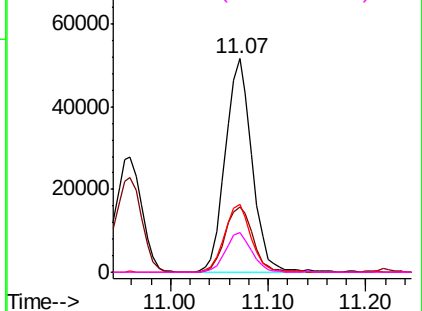
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.7		27.1	40.7	
65	31.7		26.6	39.8	
92	18.8		16.4	24.6	

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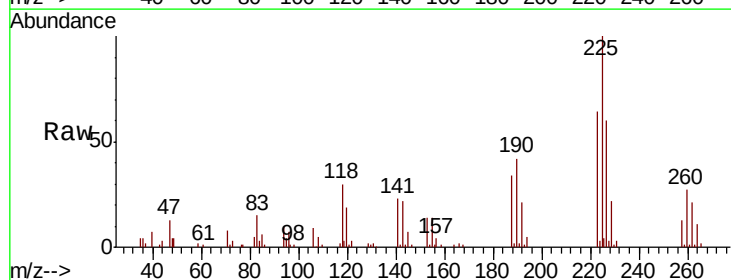


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

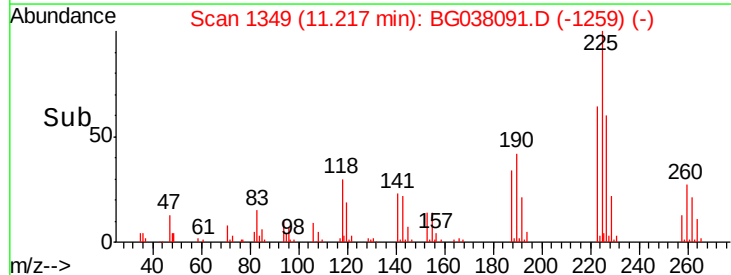
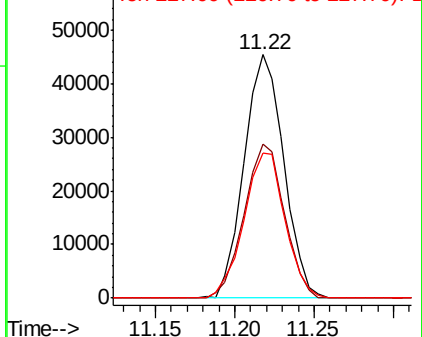


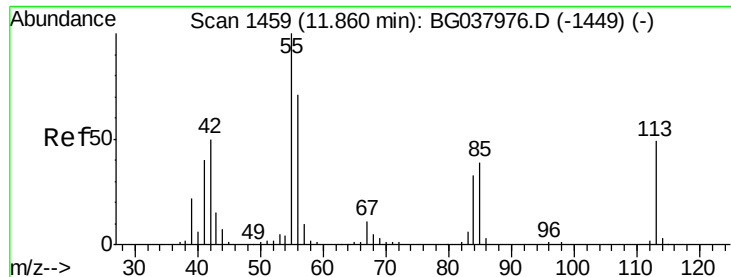
#34
Hexachlorobutadiene
Concen: 41.709 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2		48.2	72.4	
227	59.6		51.6	77.4	



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





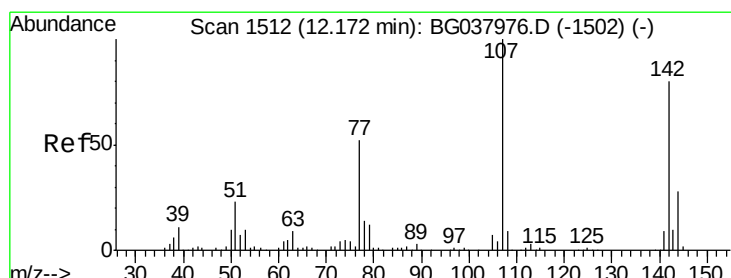
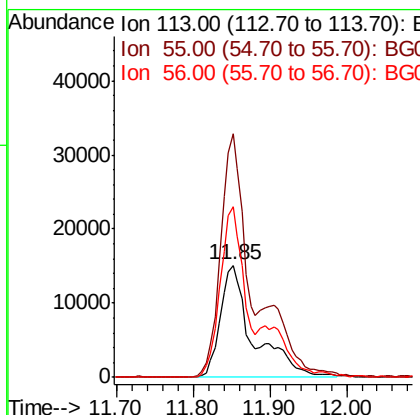
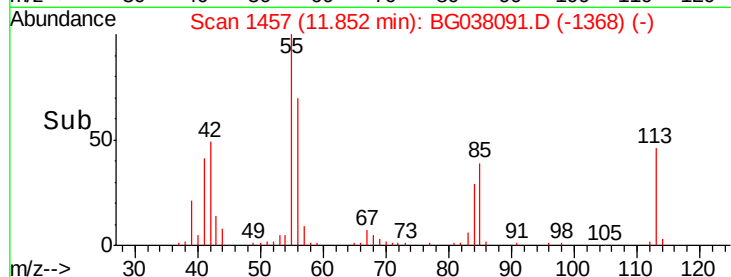
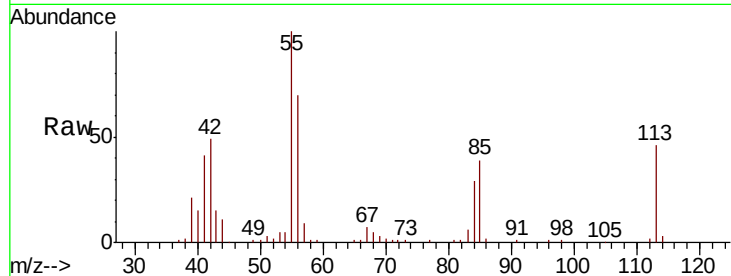
#35
Caprolactam
Concen: 41.189 ng/ml
RT: 11.85 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleID :
PB114970BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.9	176.6	216.6
56	151.6	128.3	168.3

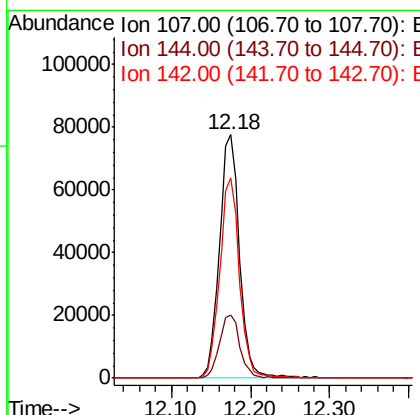
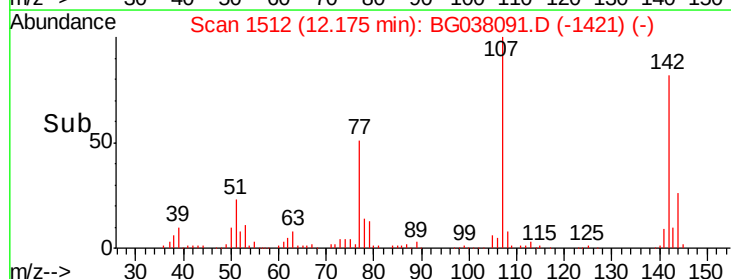
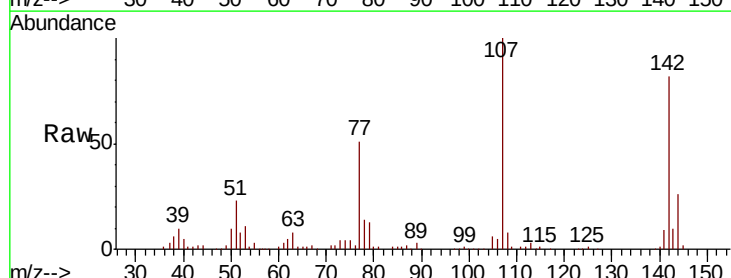
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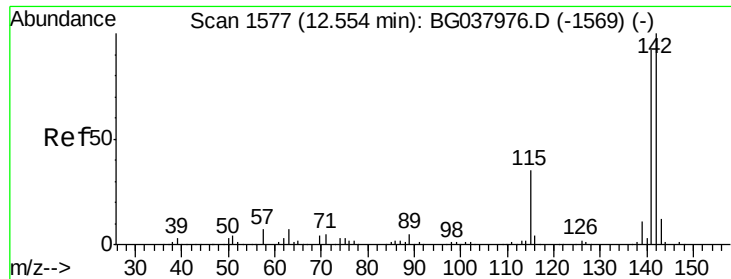
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#36
4-Chloro-3-methylphenol
Concen: 45.536 ng/ml
RT: 12.18 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.7	31.1
142	82.3	64.4	96.6





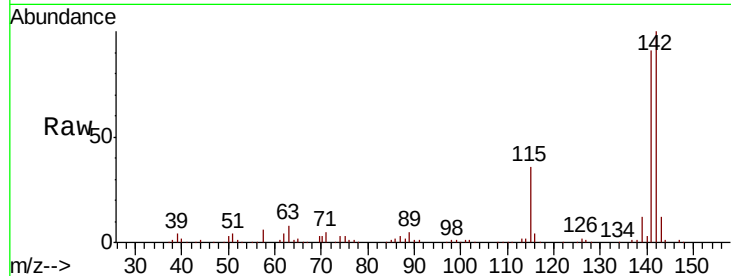
#37
2-Methylnaphthalene
Concen: 47.398 ng
RT: 12.56 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9
115	36.0	27.8	41.8

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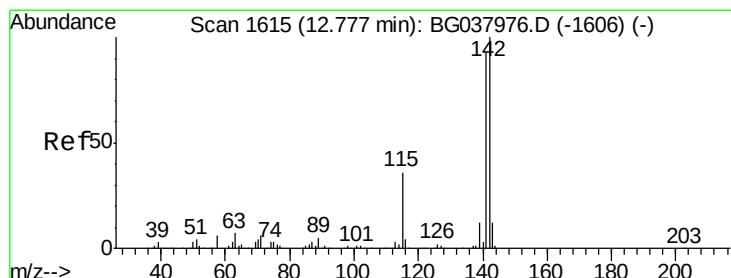
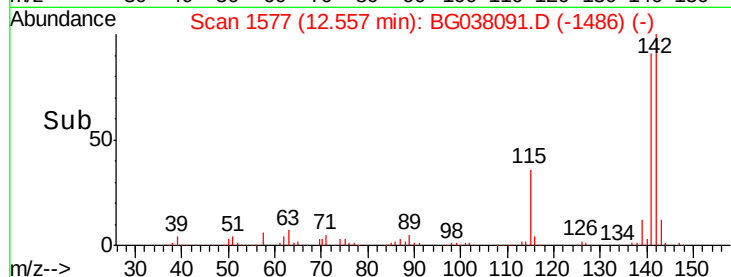
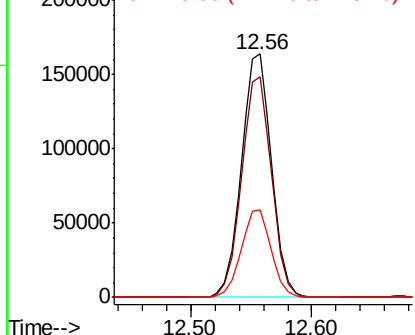


Abundance

Ion 142.00 (141.70 to 142.70): E

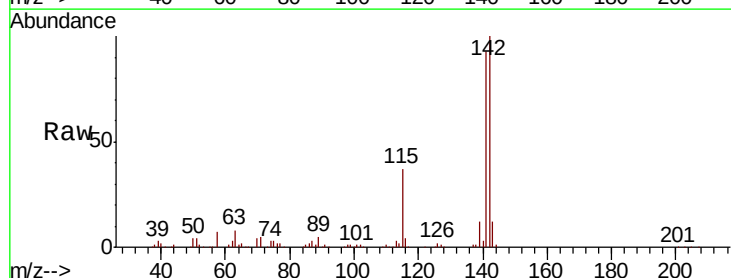
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.612 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.2	112.8
116	4.1	3.3	4.9

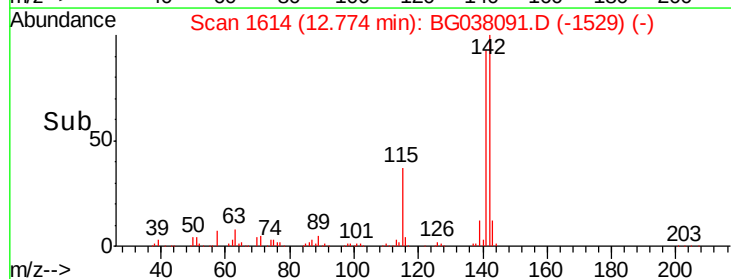
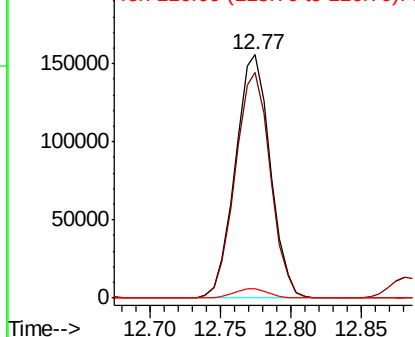


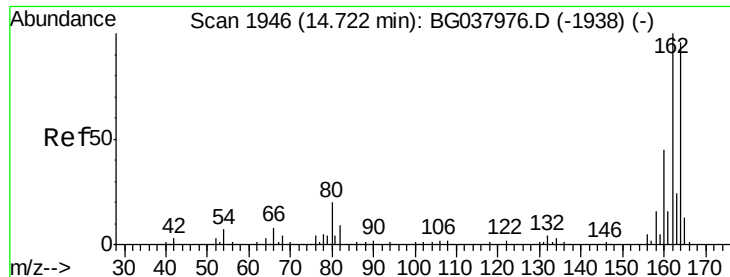
Abundance

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: 14.73 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

ClientSampleId :

PB114970BS

Tot Ion:164 Resp: 104881

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

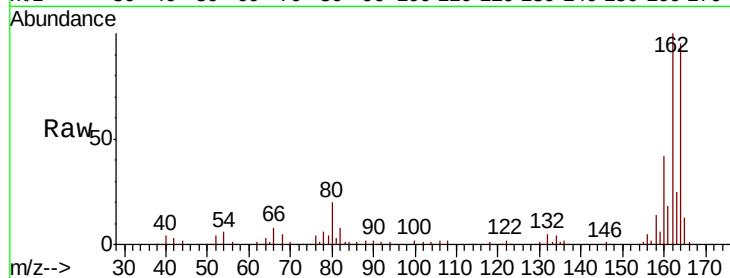
160 44.5 36.3 54.5

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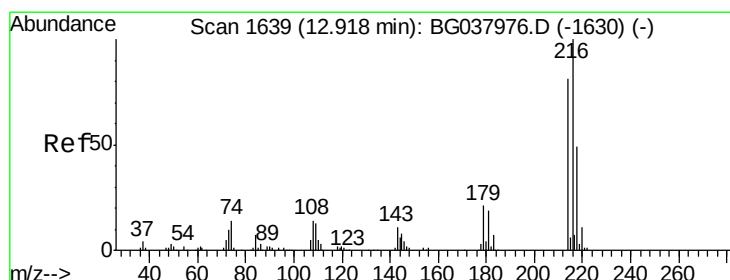
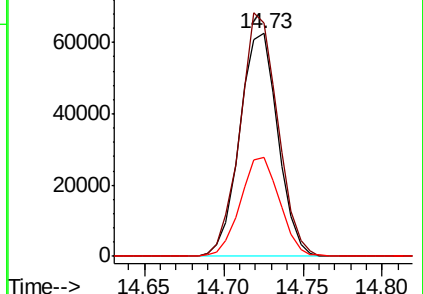
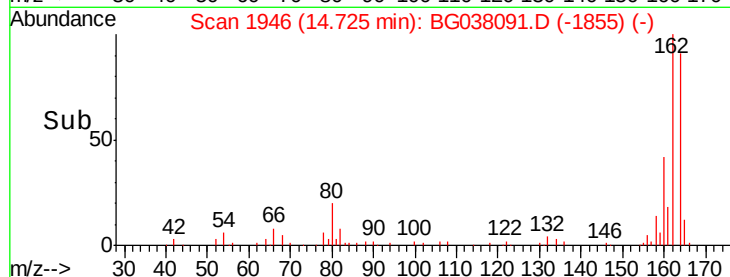
11/21/2018 3:23:10 PM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.358 ng

RT: 12.92 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion:216 Resp: 144945

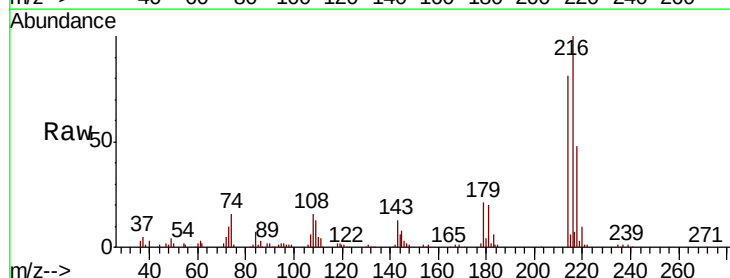
Ion Ratio Lower Upper

216 100

214 81.2 63.8 95.6

179 21.5 17.4 26.0

108 20.2 13.9 20.9

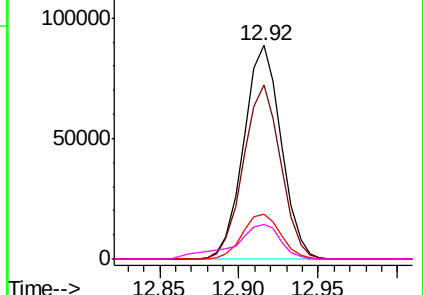
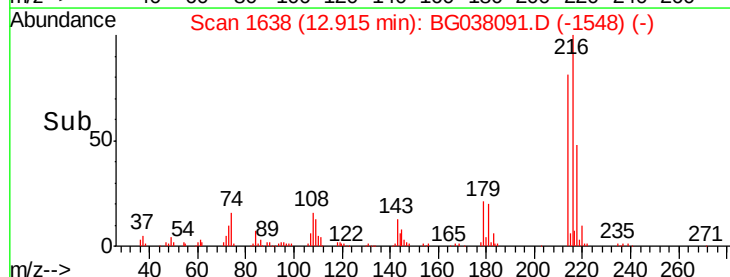


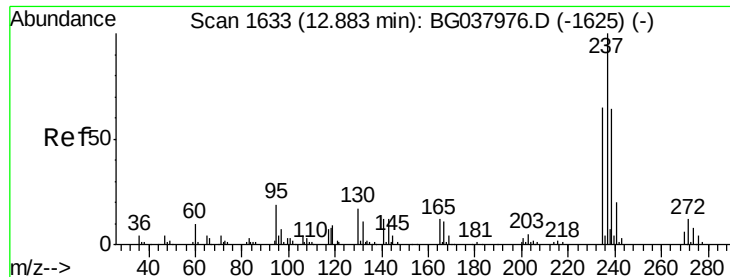
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.667 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

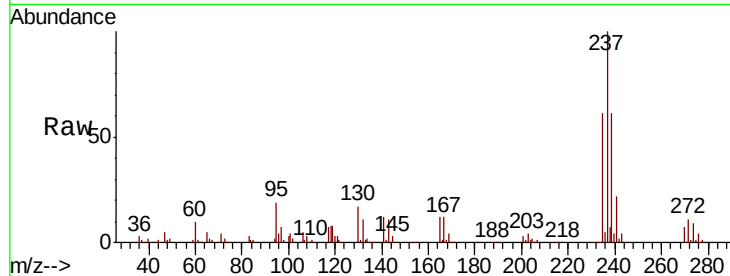
ClientSampleId :

PB114970BS

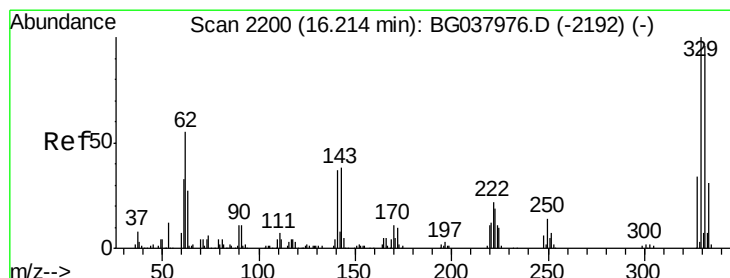
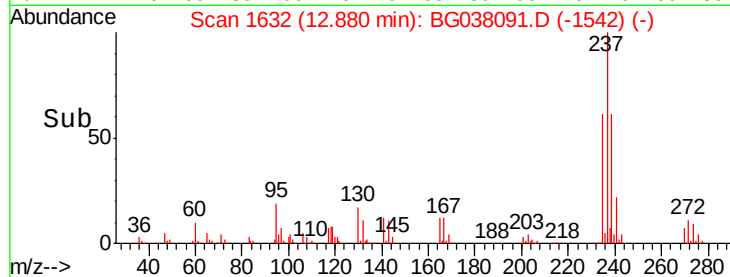
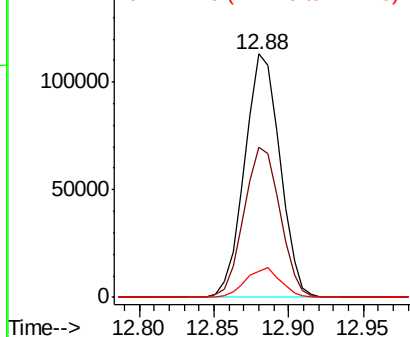
Tot Ion:	237	Resp:	185164
Ion Ratio	Lower	Upper	
237	100		
235	61.5	42.5	82.5
272	10.9	0.0	31.6

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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: 131.457 ng

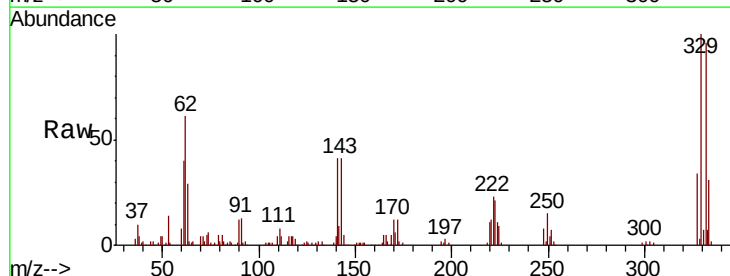
RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

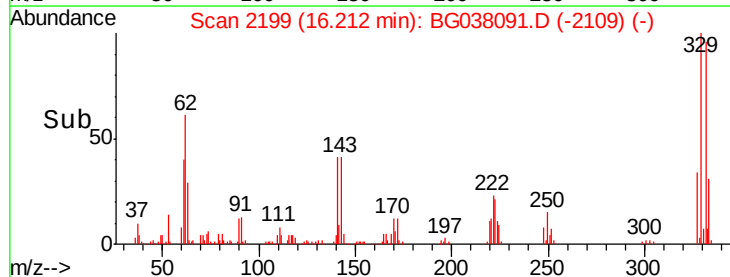
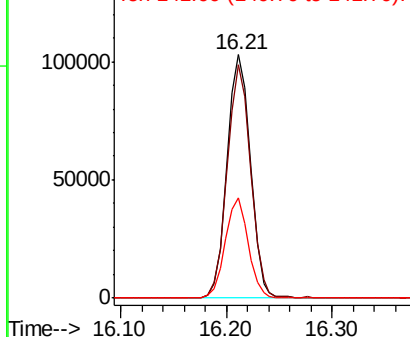
Lab File: BG038091.D

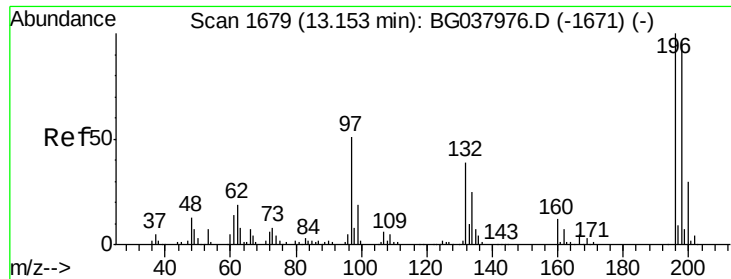
Acq: 20 Nov 2018 18:48

Tgt Ion:	330	Resp:	157241
Ion Ratio	Lower	Upper	
330	100		
332	95.8	78.4	117.6
141	40.5	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





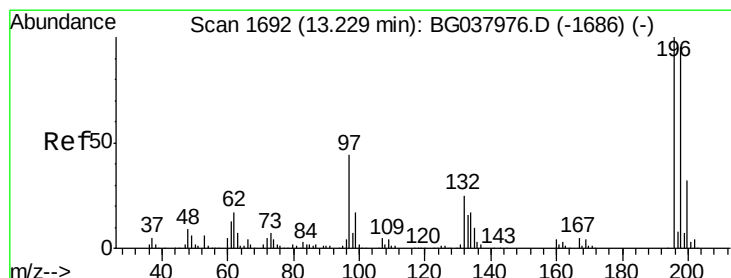
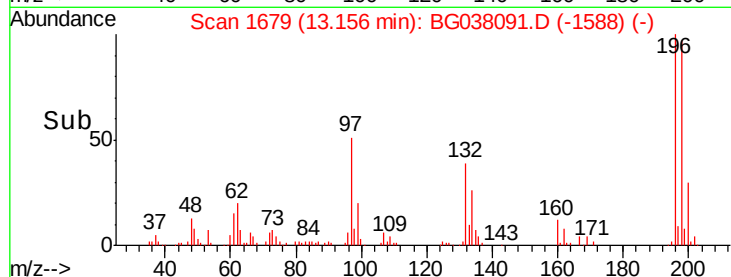
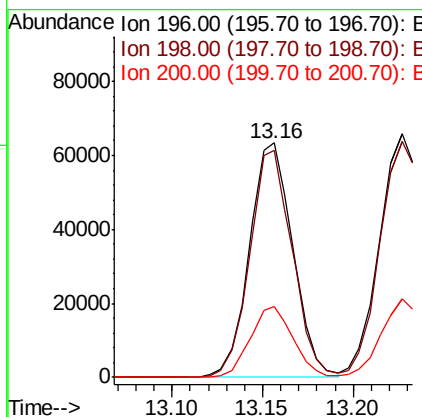
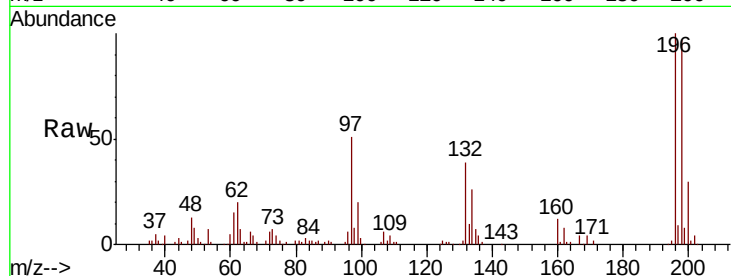
#43
 2,4,6-Trichlorophenol
 Concen: 43.965 ng
 RT: 13.16 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	104997		
198	97.0	76.4	114.6	
200	30.4	24.9	37.3	

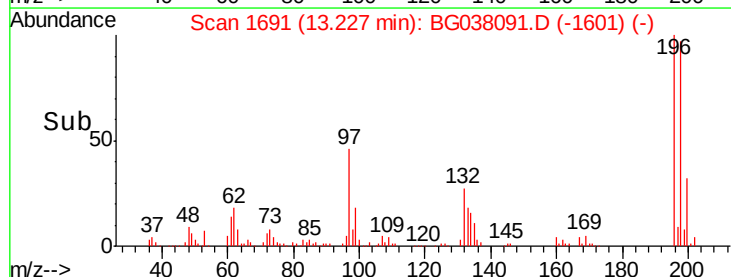
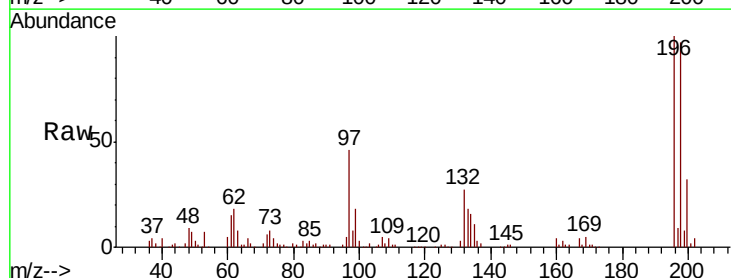
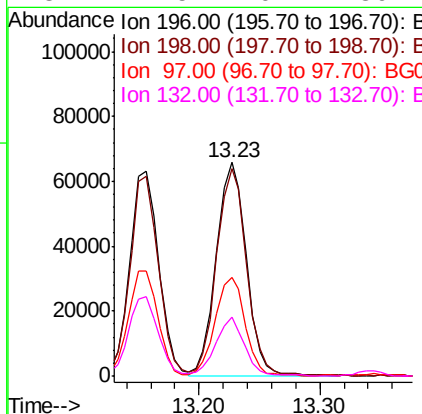
Manual Integrations
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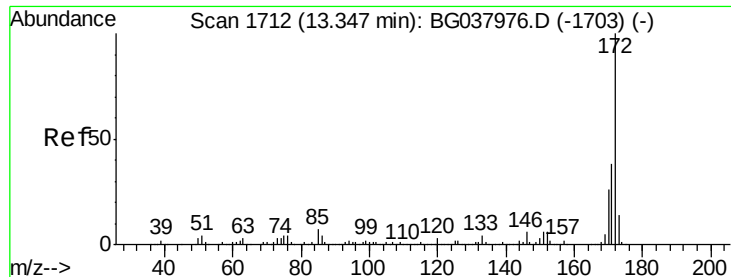
Sohil
 11/21/2018 3:23:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.919 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112874		
198	97.2	74.2	111.2	
97	46.2	34.1	51.1	
132	27.5	20.2	30.4	





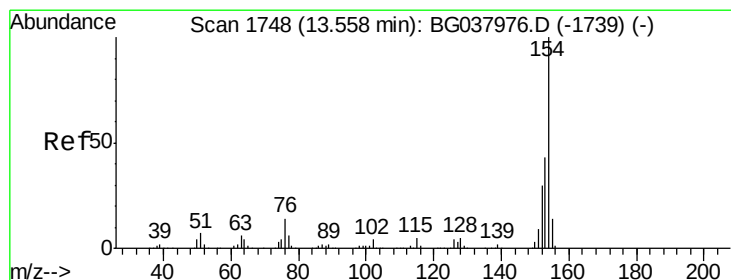
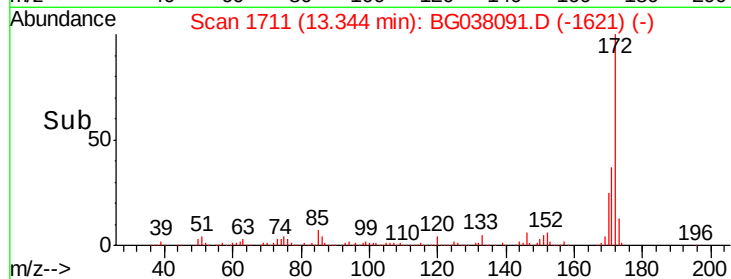
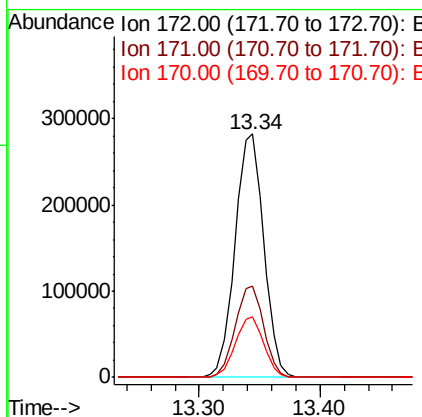
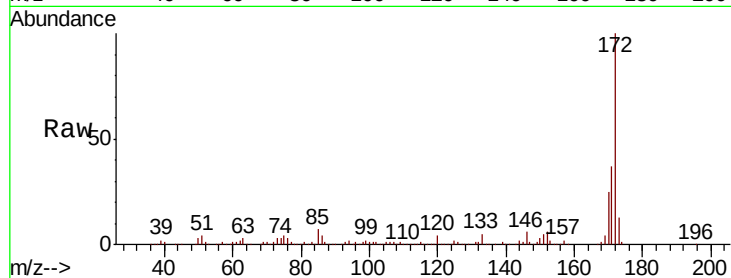
#45
2-Fluorobiphenyl
Concen: 64.957 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	24.7	20.2	30.2

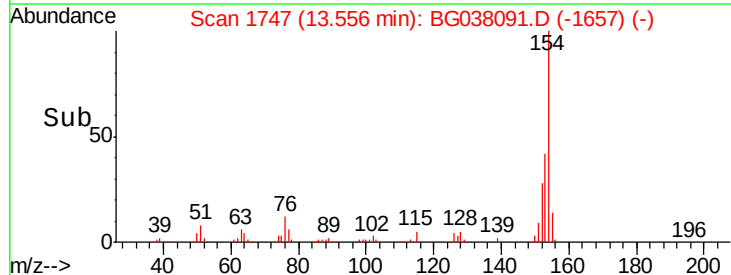
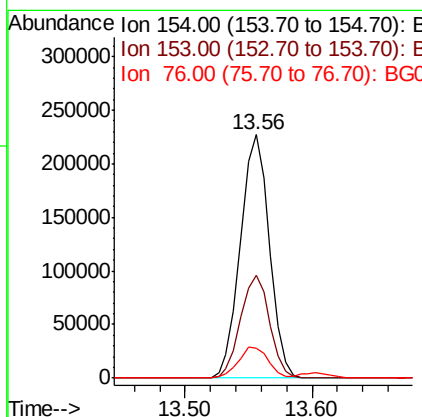
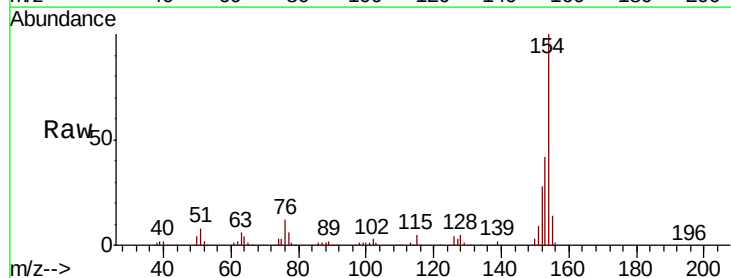
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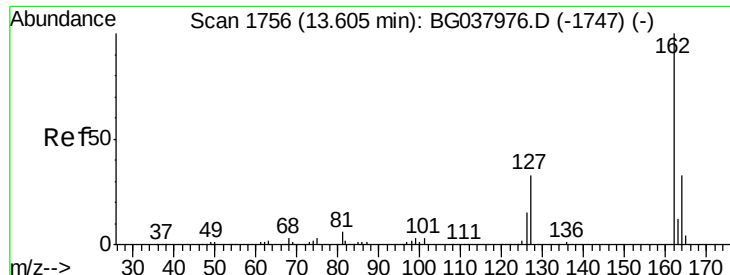
Sohil
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#46
1,1'-Biphenyl
Concen: 40.741 ng
RT: 13.56 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.1	62.1
76	12.5	0.0	33.2





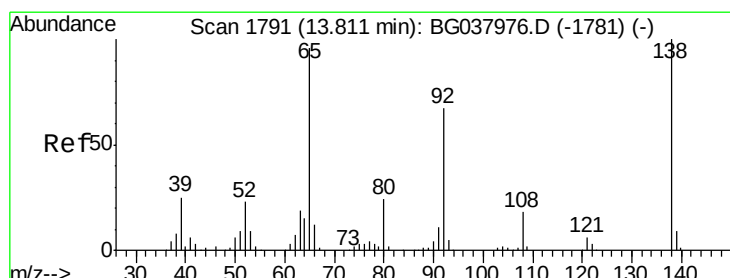
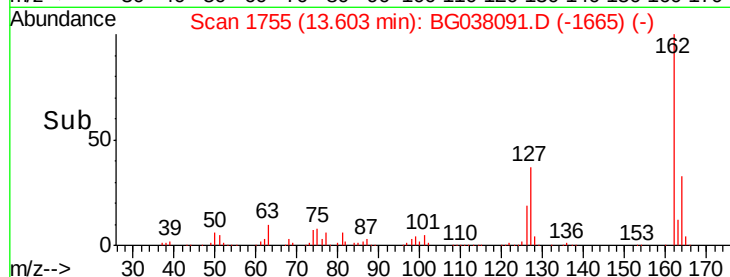
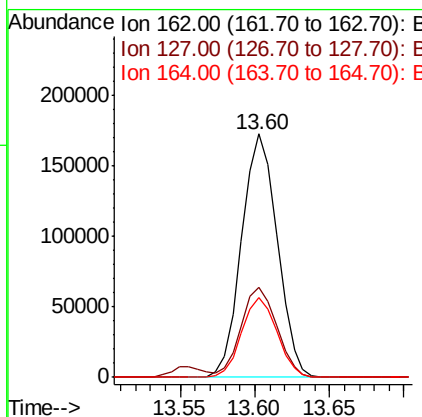
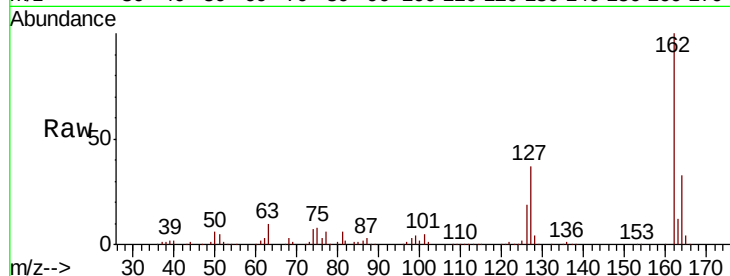
#47
2-Chloronaphthalene
Concen: 42.533 ng
RT: 13.60 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.5	45.7
164	32.8	26.4	39.6

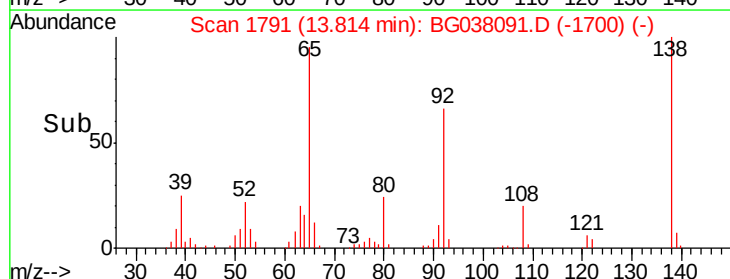
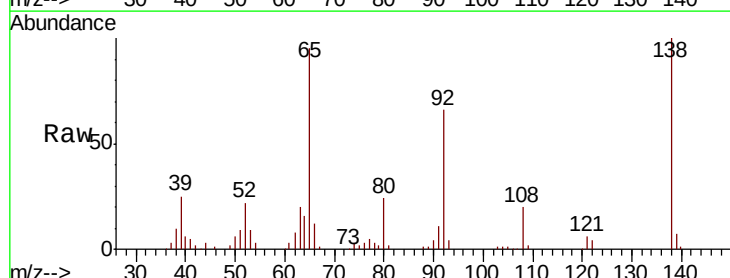
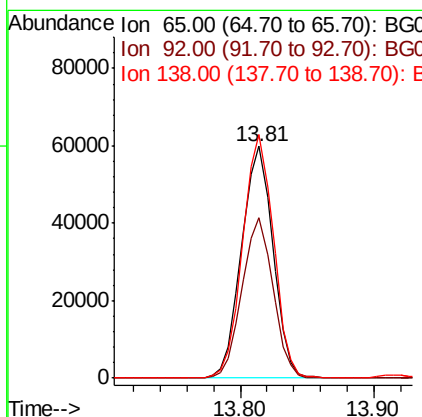
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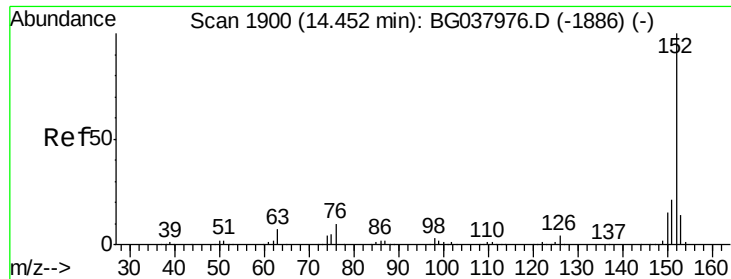
Sohil
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#48
2-Nitroaniline
Concen: 46.052 ng
RT: 13.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.2	79.8
138	105.2	79.3	118.9





#49

Acenaphthylene

Concen: 46.883 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

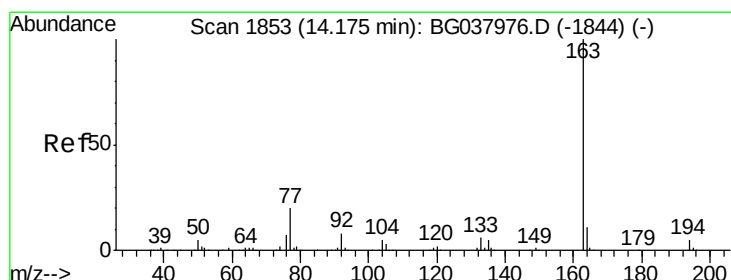
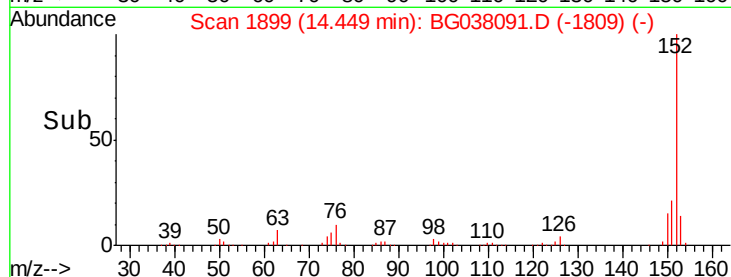
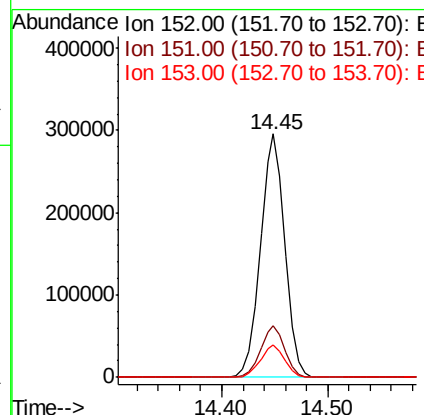
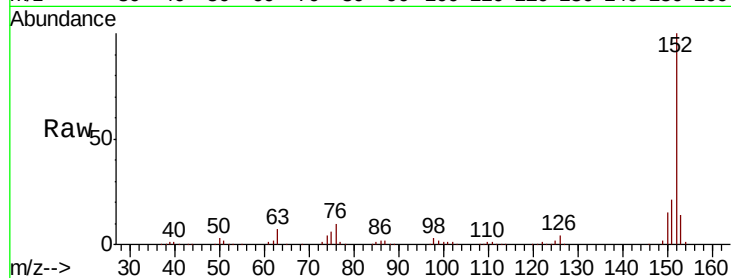
ClientSampleId :

PB114970BS

Tot Ion:	152	Resp:	474028
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	13.5	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.307 ng

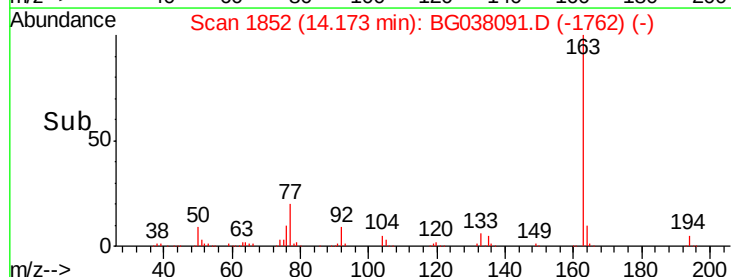
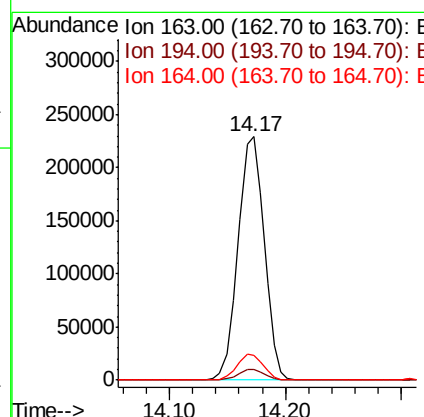
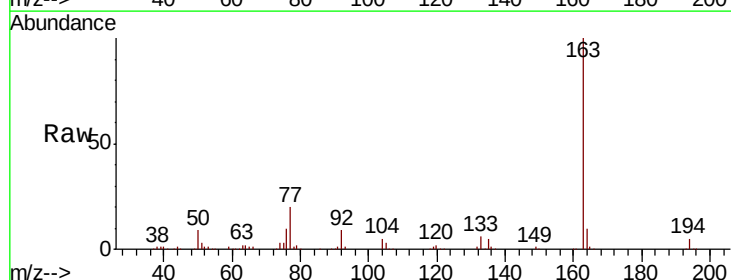
RT: 14.17 min Scan# 1852

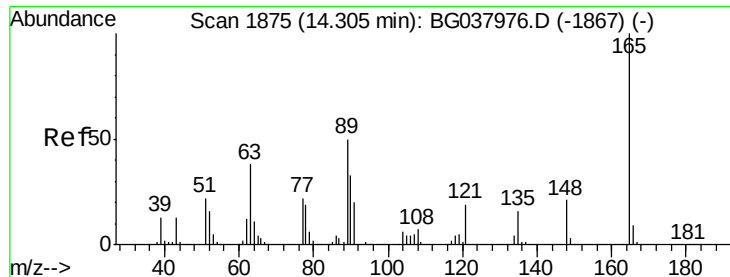
Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion:	163	Resp:	360084
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.2	8.5	12.7





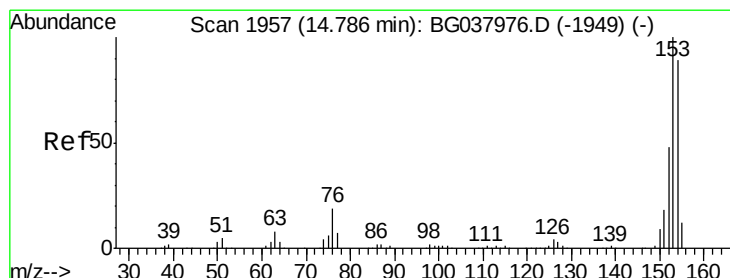
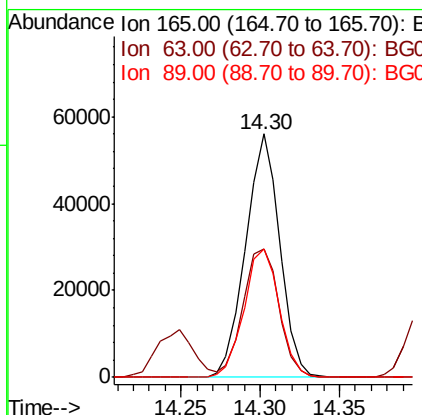
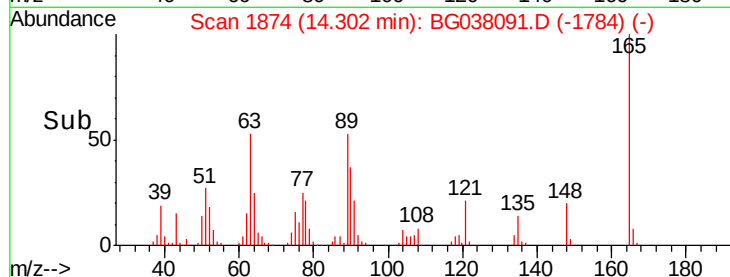
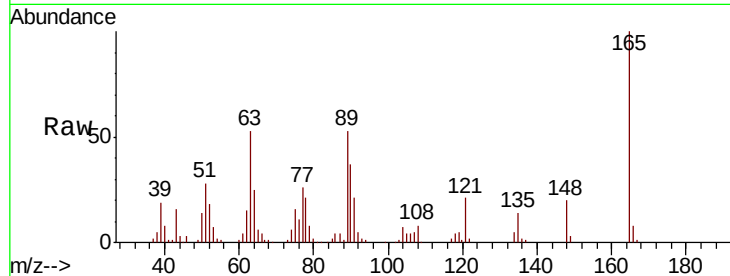
#51
 2,6-Dinitrotoluene
 Concen: 44.511 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Tot Ion:	165	Resp:	83763
Ion Ratio	Lower	Upper	
165	100		
63	52.6	43.4	65.2
89	53.0	45.8	68.6

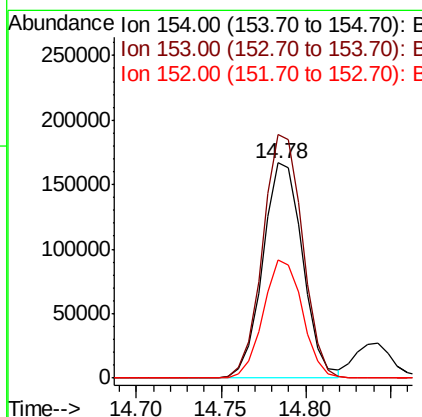
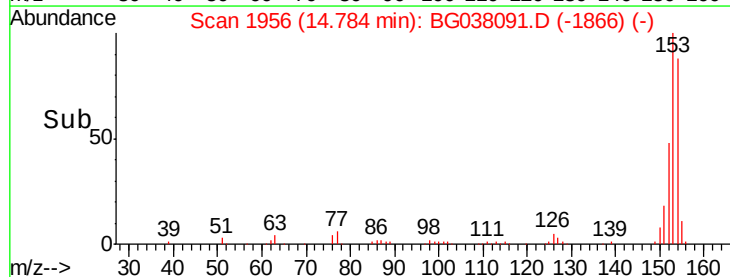
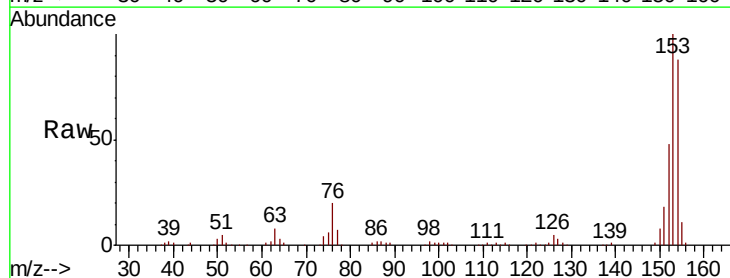
Manual Integrations
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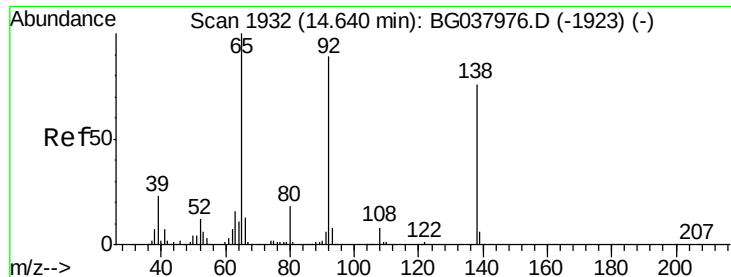
Sohil
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#52
 Acenaphthene
 Concen: 44.881 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion:	154	Resp:	273189
Ion Ratio	Lower	Upper	
154	100		
153	113.2	93.4	140.0
152	54.8	44.7	67.1





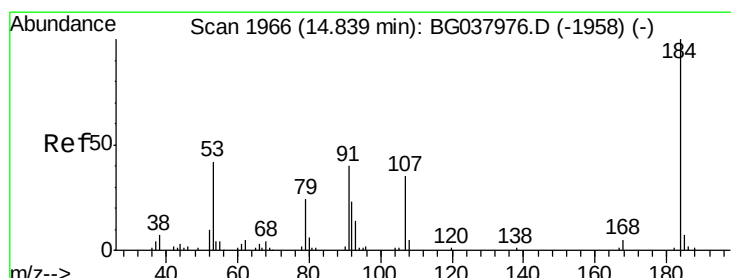
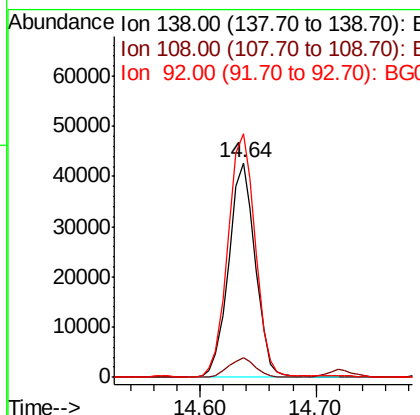
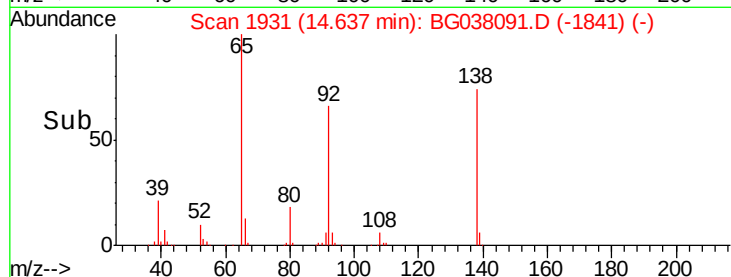
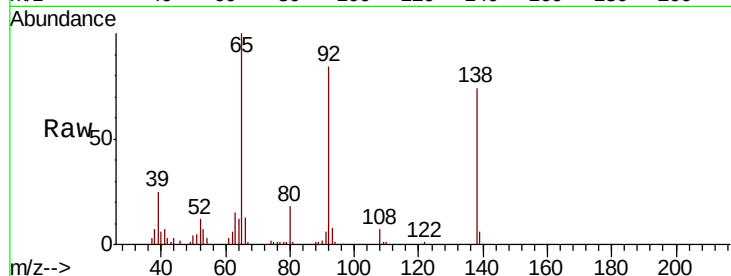
#53
3-Nitroaniline
Concen: 32.769 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion:138 Resp: 68046
Ion Ratio Lower Upper
138 100
108 9.1 11.0 16.6#
92 113.5 95.2 142.8

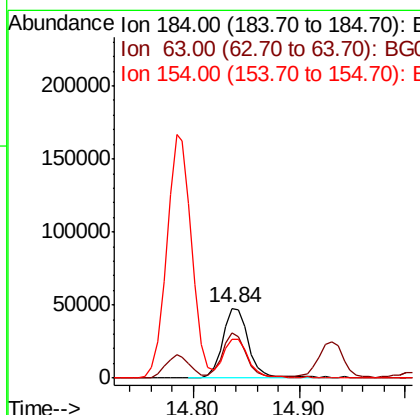
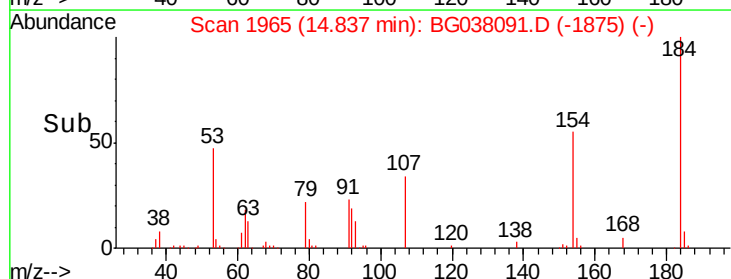
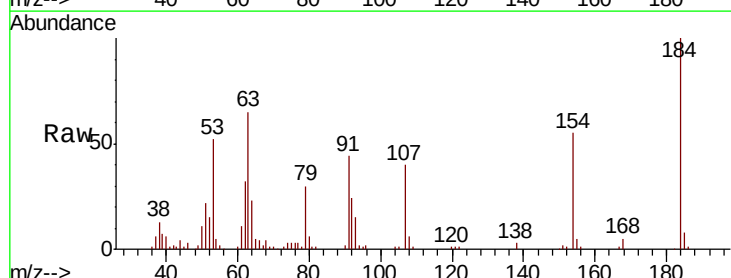
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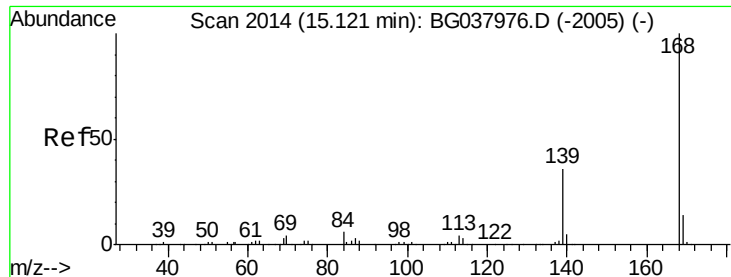
Sohil
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#54
2,4-Dinitrophenol
Concen: 80.574 ng
RT: 14.84 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:184 Resp: 81910
Ion Ratio Lower Upper
184 100
63 64.8 42.6 63.8#
154 54.7 41.8 62.6





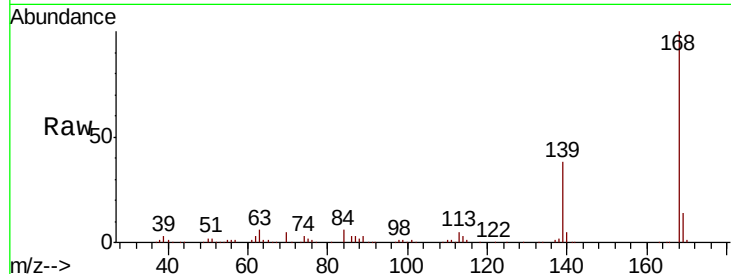
#55
Dibenzo(furan)
Concen: 43.544 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.4	44.0
169	13.7	11.0	16.6

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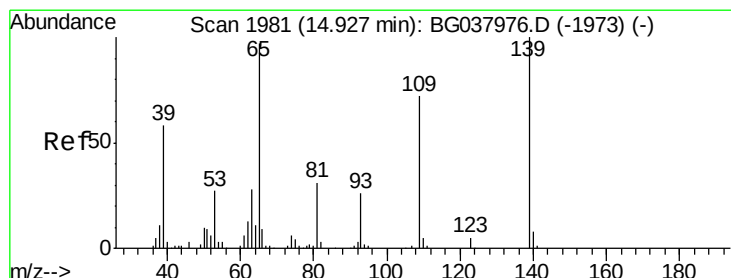
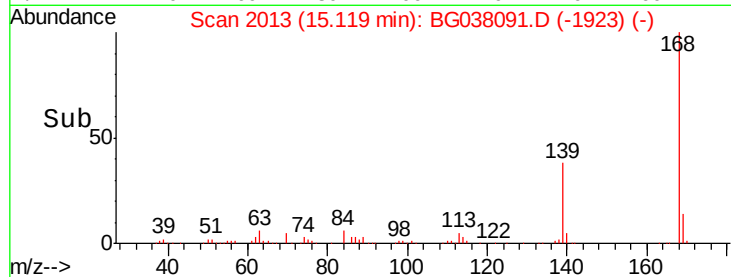
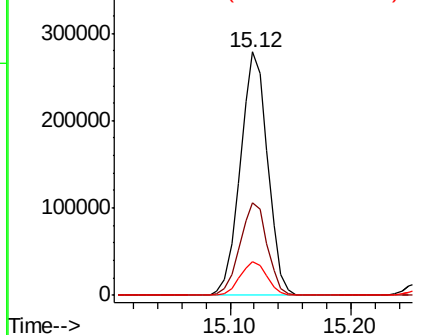


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 89.950 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

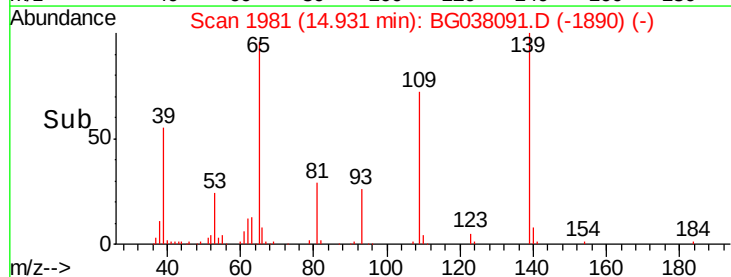
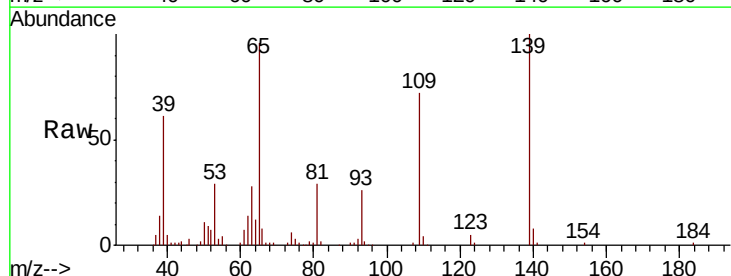
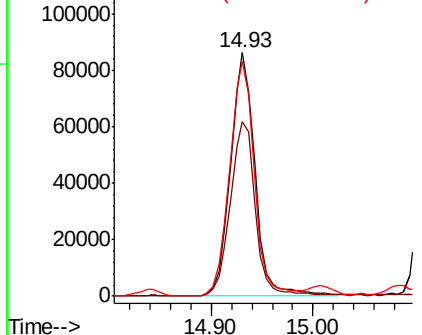
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.8	49.5	89.5
65	96.4	76.8	116.8

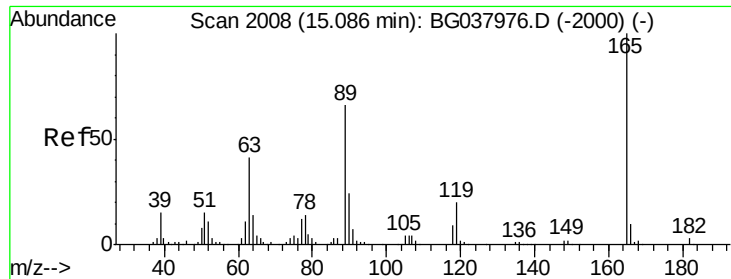
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





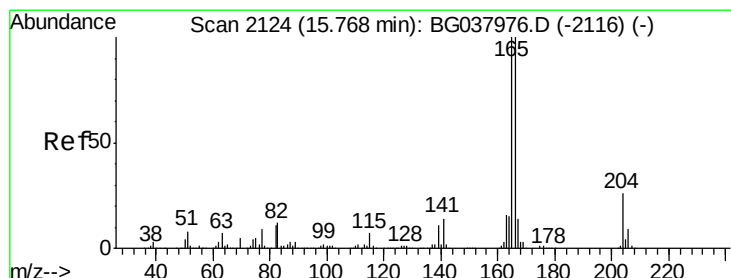
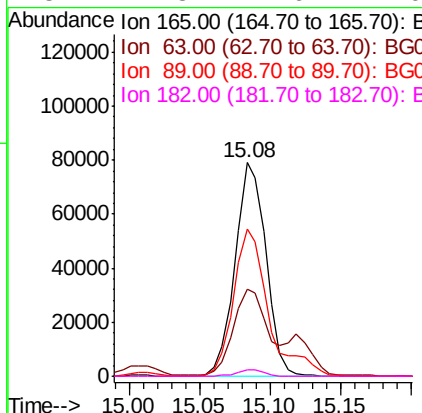
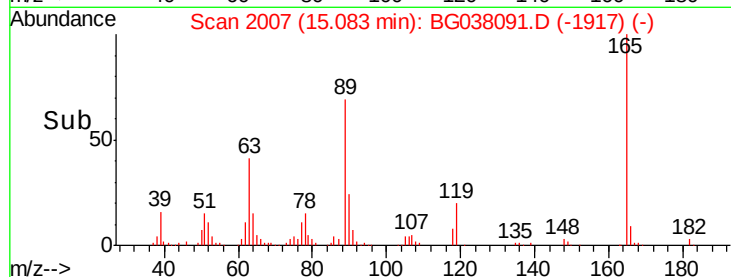
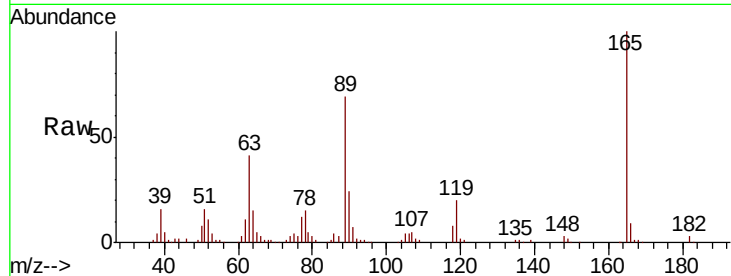
#57
 2,4-Dinitrotoluene
 Concen: 46.942 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		120192		
63	40.8	33.4	50.0		
89	69.0	57.2	85.8		
182	2.8	2.6	4.0		

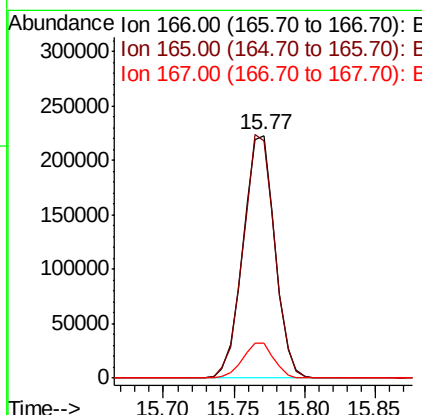
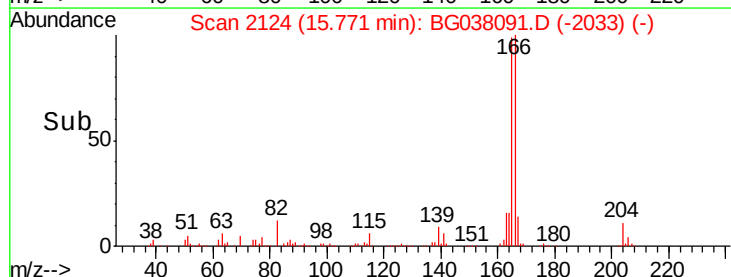
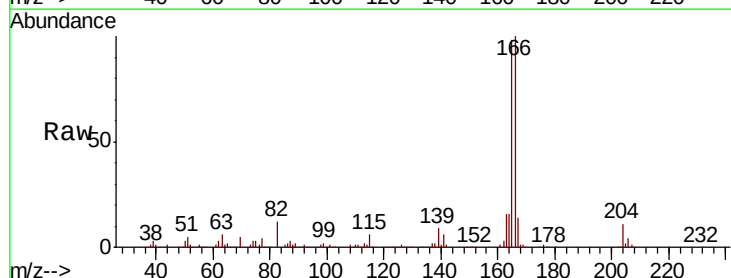
Manual Integrations
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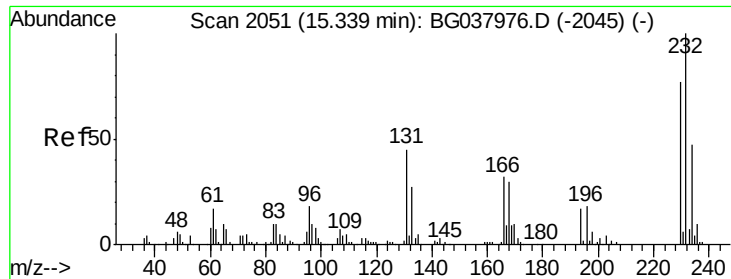
Sohil
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#58
 Fluorene
 Concen: 46.643 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		350280		
165	97.9	79.0	118.6		
167	14.5	11.3	16.9		





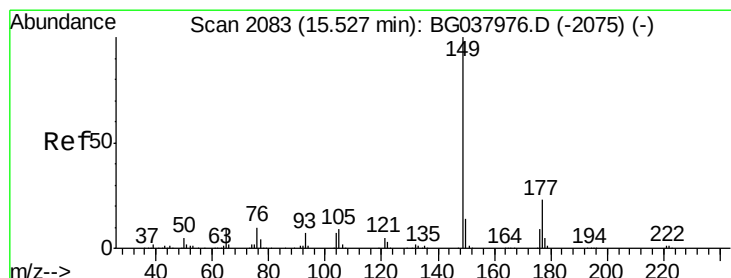
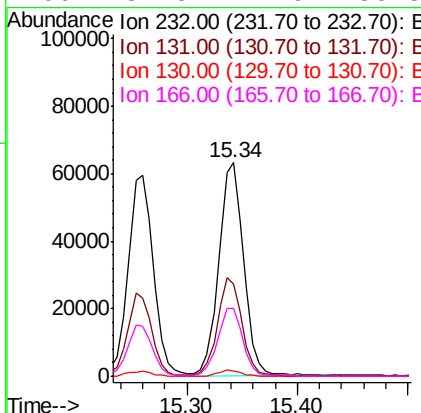
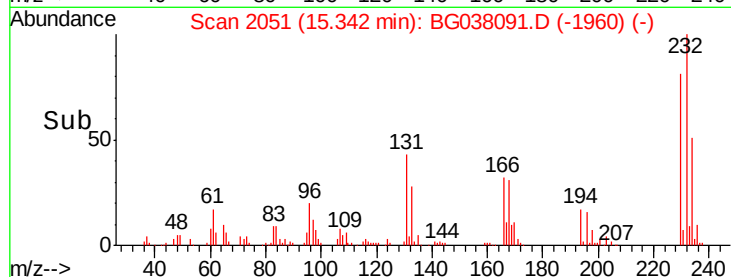
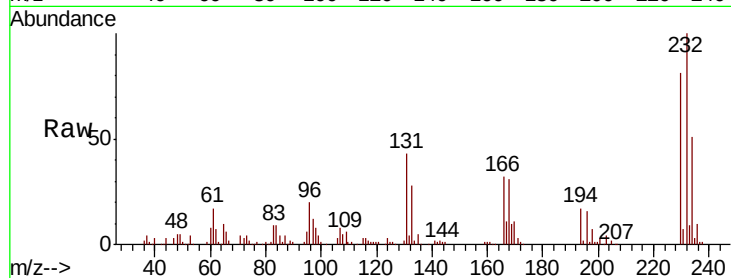
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.228 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Tot Ion:	232	Resp:	99304
Ion Ratio	Lower	Upper	
232	100		
131	44.6	33.7	50.5
130	2.5	2.1	3.1
166	32.3	24.6	36.8

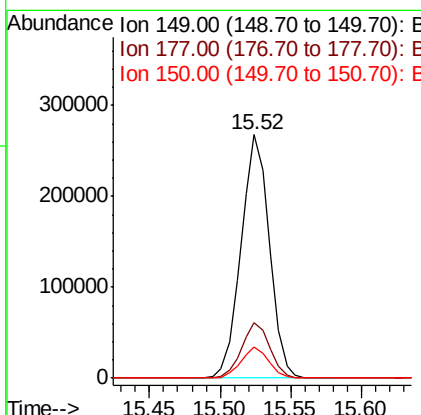
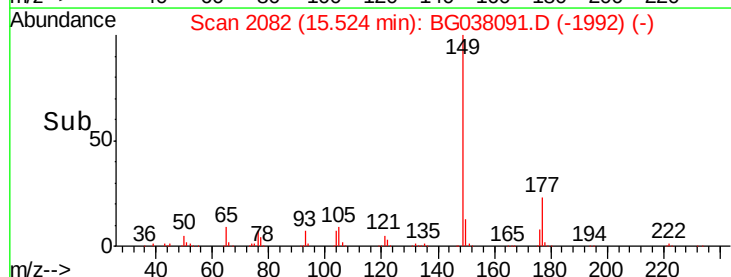
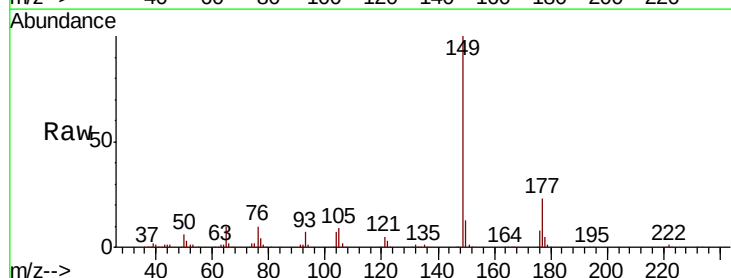
Manual Integrations
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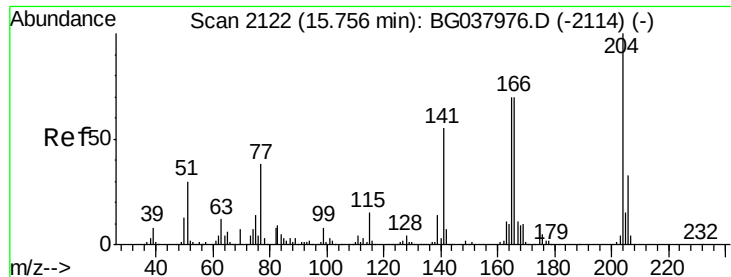
Sohil
 11/21/2018 3:23:10 PM



#60
 Diethylphthalate
 Concen: 42.565 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion:	149	Resp:	375910
Ion Ratio	Lower	Upper	
149	100		
177	22.7	18.3	27.5
150	12.6	10.0	15.0





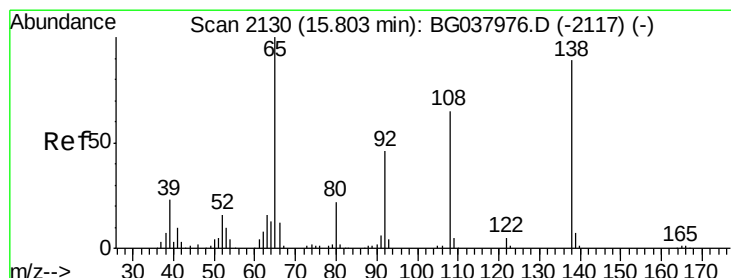
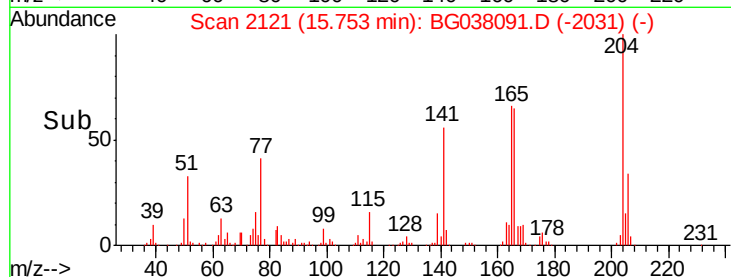
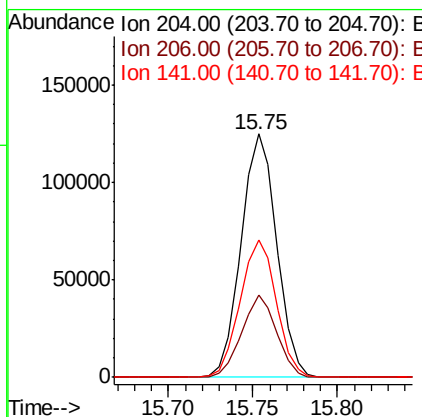
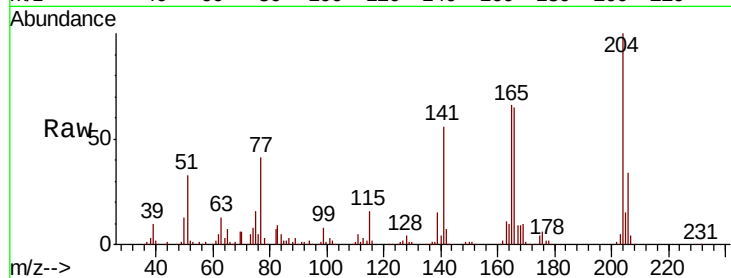
#61
4-Chlorophenyl-phenylether
Concen: 41.655 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	39.8
141	56.3	45.4	68.2

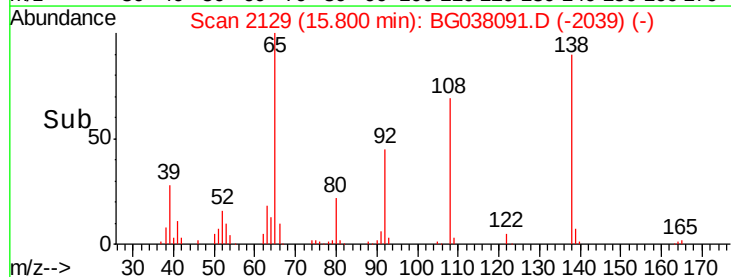
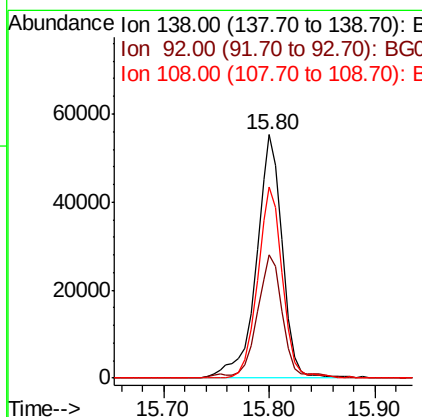
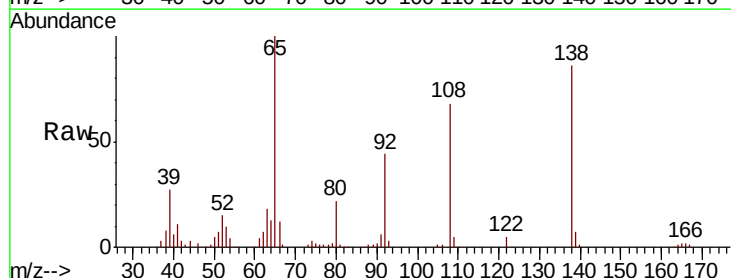
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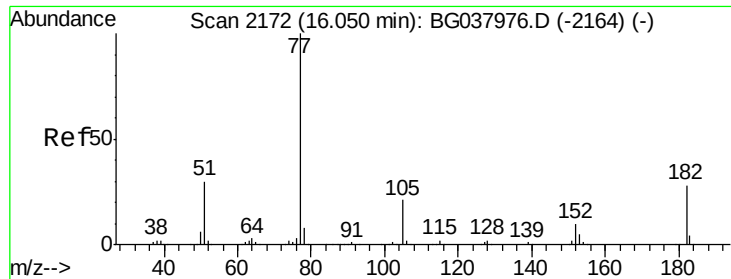
Sohil
11/21/2018 3:23:10 PM



#62
4-Nitroaniline
Concen: 45.791 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	36.4	76.4
108	78.4	60.1	100.1





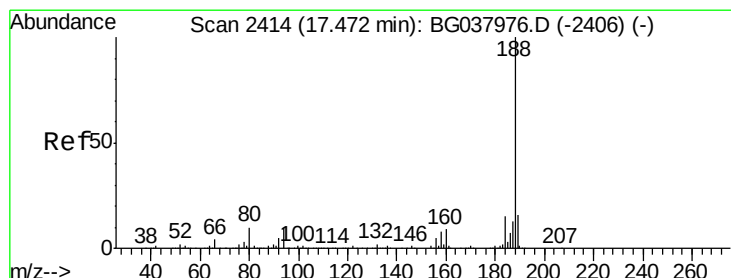
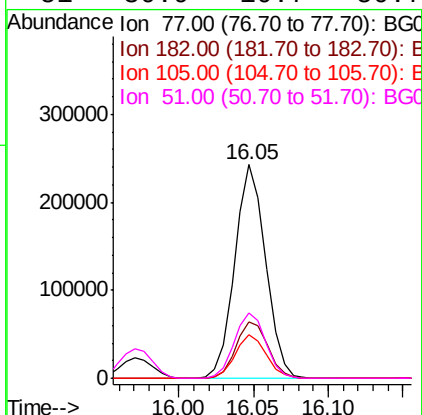
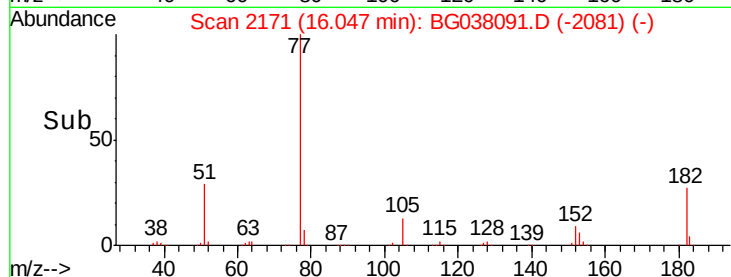
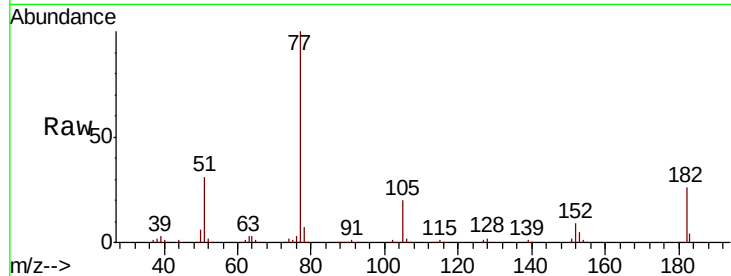
#63
Azobenzene
Concen: 44.216 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.4	8.0	48.0		
105	20.2	1.3	41.3		
51	30.9	10.7	50.7		

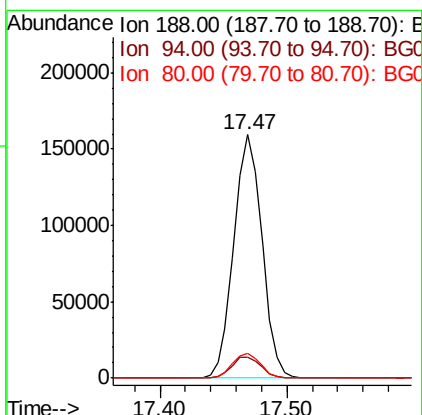
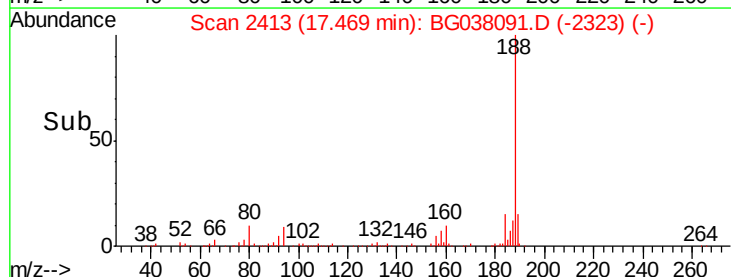
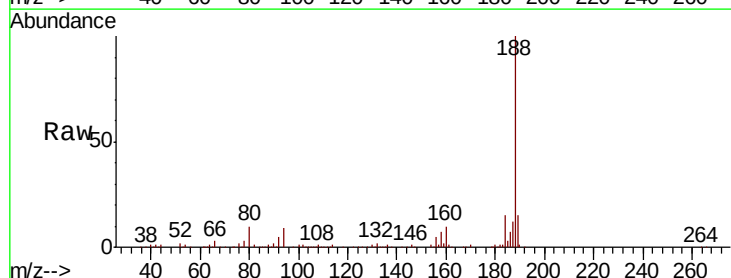
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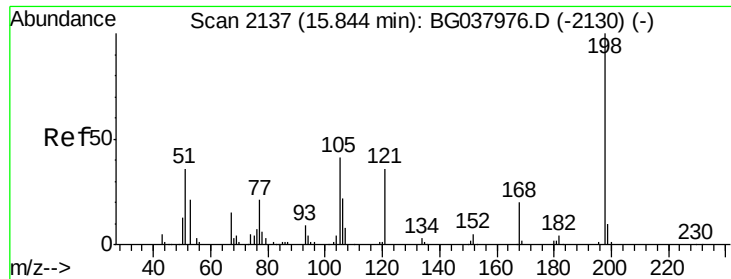
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.7	7.2	10.8		
80	10.1	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 41.487 ng

RT: 15.85 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

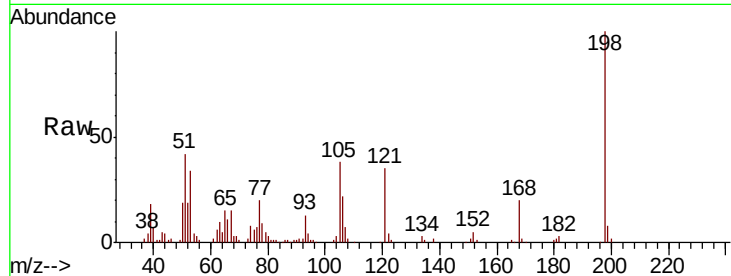
ClientSampleId :

PB114970BS

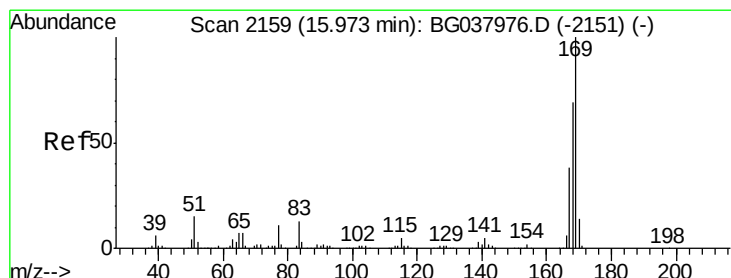
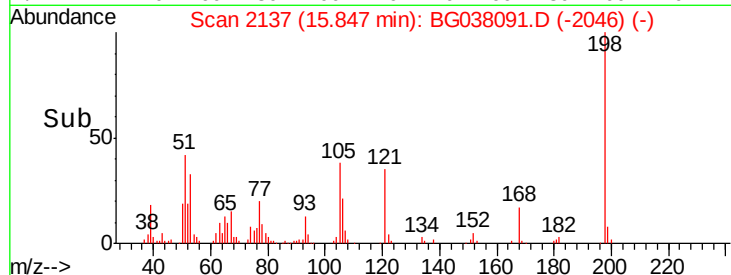
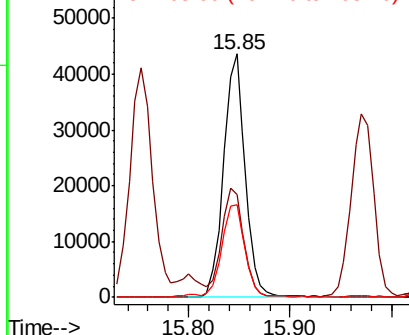
Tot Ion:	198	Resp:	64325
Ion Ratio	Lower	Upper	
198	100		
51	42.3	22.7	62.7
105	38.3	19.7	59.7

Manual Integrations
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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: 42.939 ng

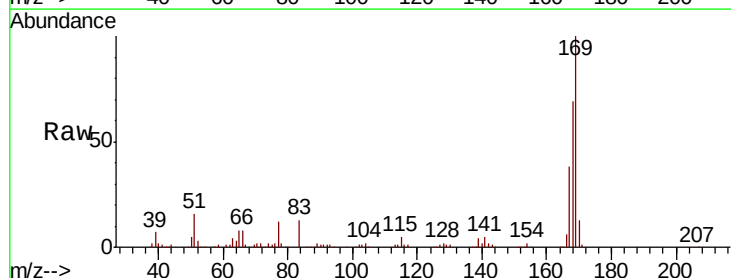
RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

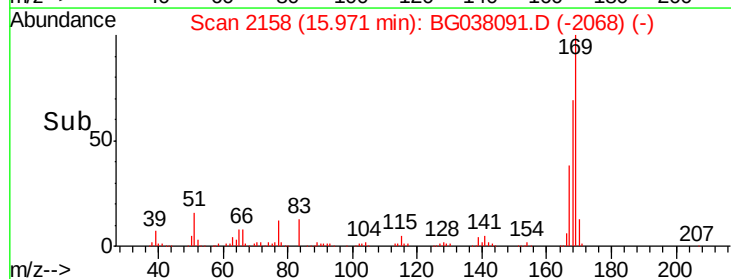
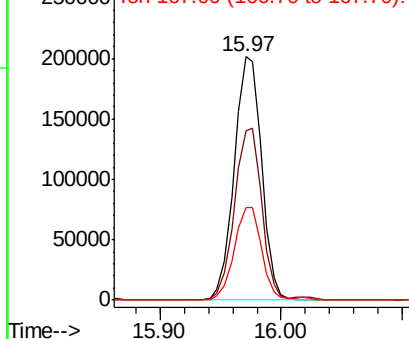
Lab File: BG038091.D

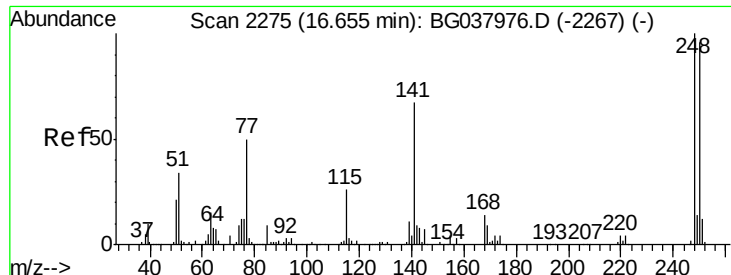
Acq: 20 Nov 2018 18:48

Tgt Ion:	169	Resp:	318433
Ion Ratio	Lower	Upper	
169	100		
168	69.3	55.7	83.5
167	38.1	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





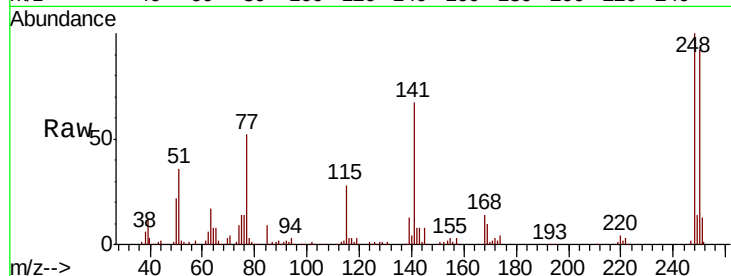
#67
 4-Bromophenyl-phenylether
 Concen: 42.042 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampled :
 PB114970BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.4	77.0	115.6
141	67.3	55.5	83.3

Manual Integrations
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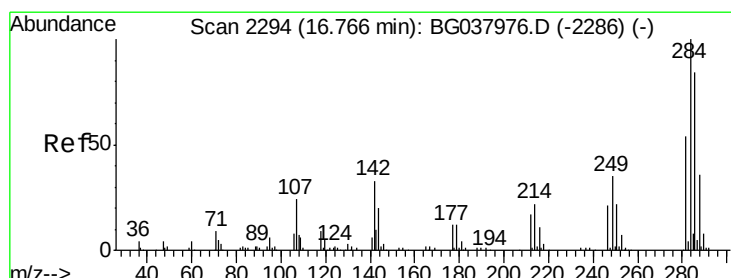
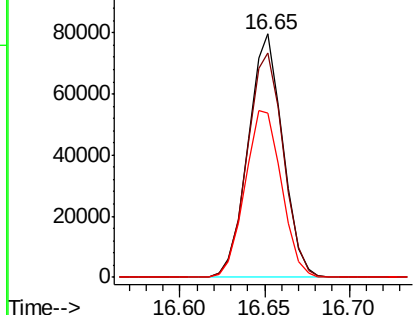
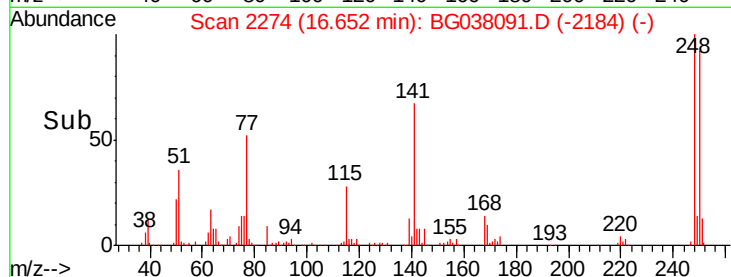


Abundance

Ion 248.00 (247.70 to 248.70): E

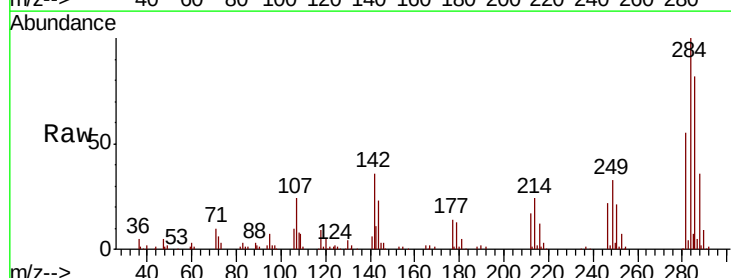
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.635 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	28.1	42.1
249	35.5	29.8	44.8

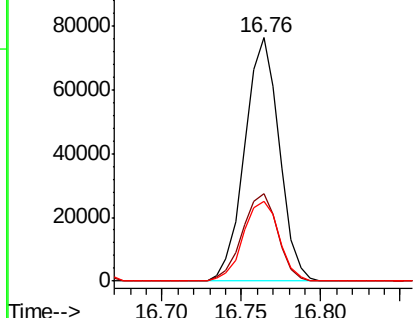
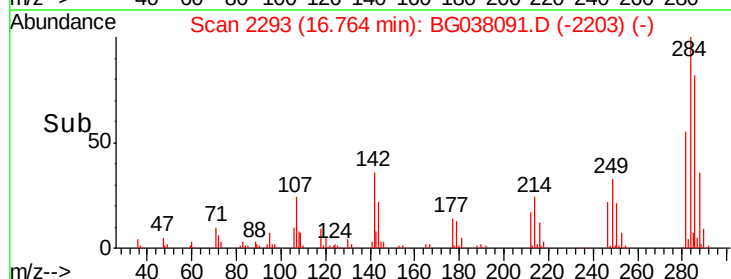


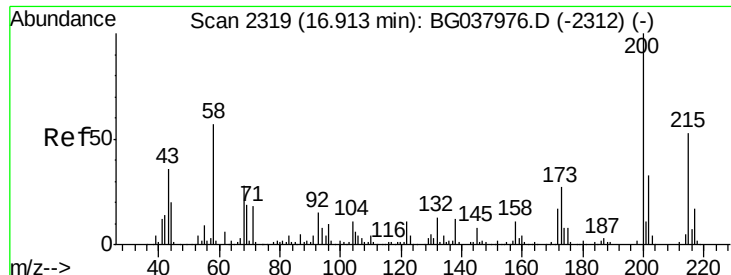
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





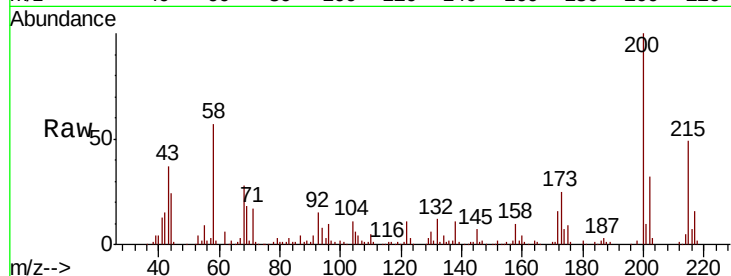
#69
Atrazine
Concen: 44.066 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	120468		
173	24.8	6.1	46.1	
215	48.7	30.8	70.8	

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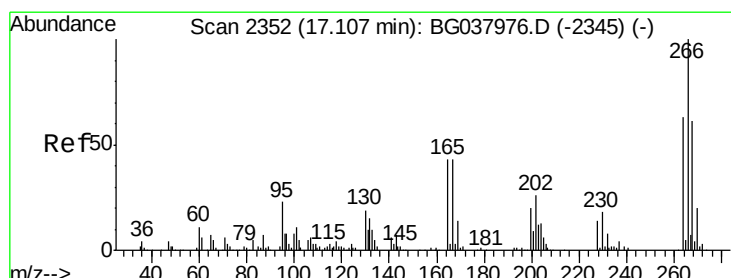
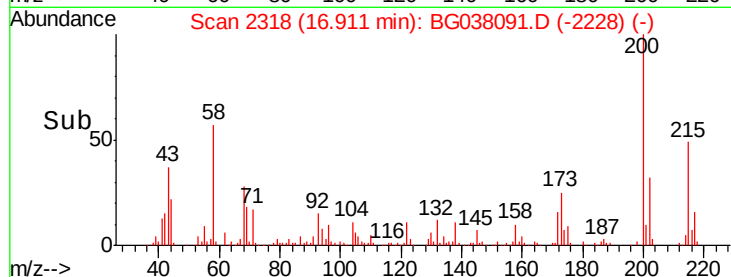
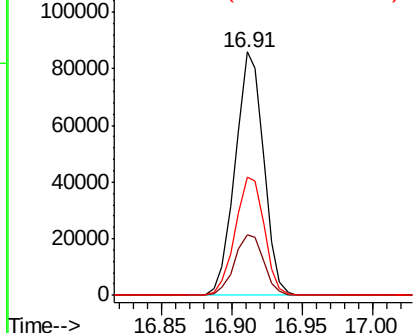


Abundance

Ion 200.00 (199.70 to 200.70): E

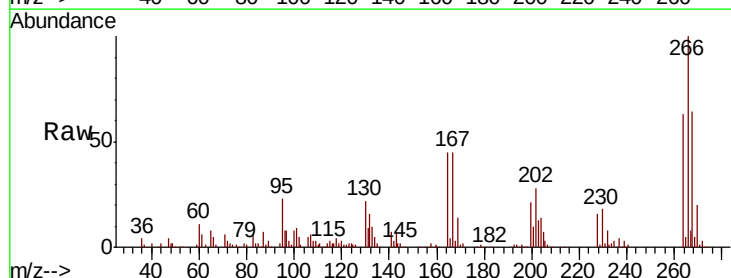
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 71.234 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	134360		
268	68.2	55.0	82.6	
264	67.8	58.9	88.3	

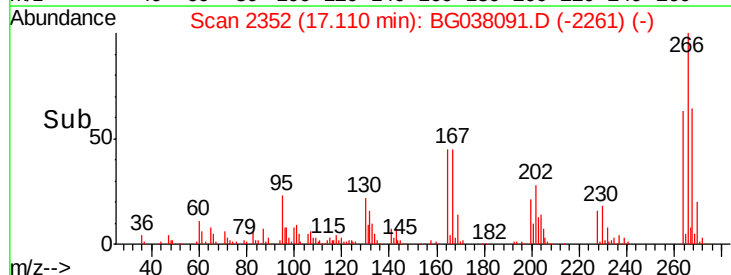
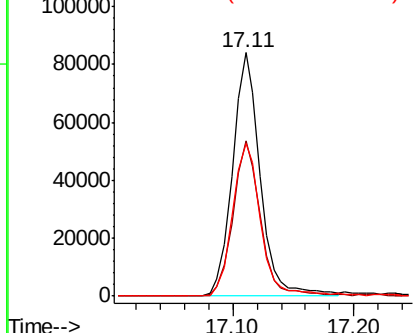


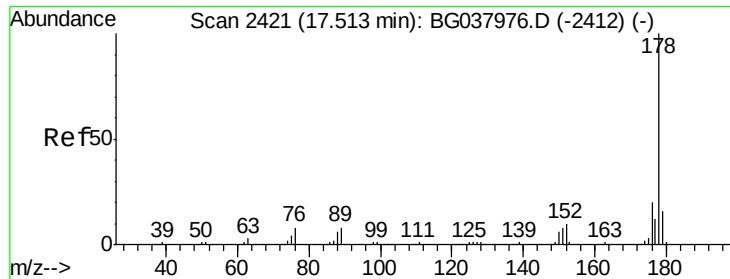
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





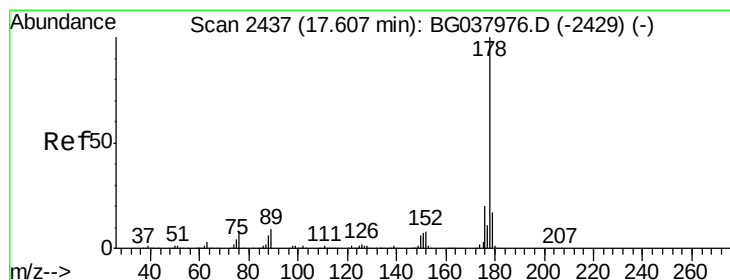
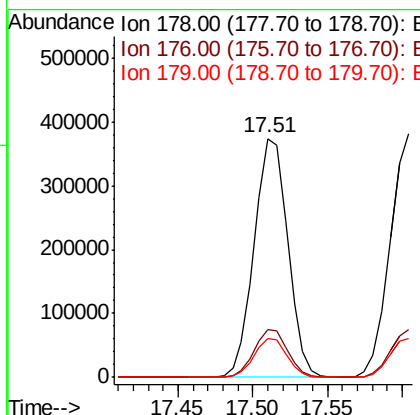
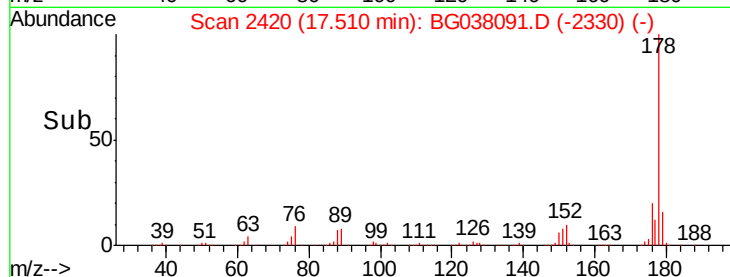
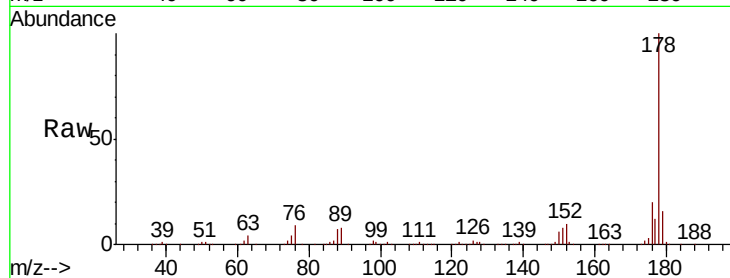
#71
Phenanthrene
Concen: 46.518 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	16.4	13.0	19.4

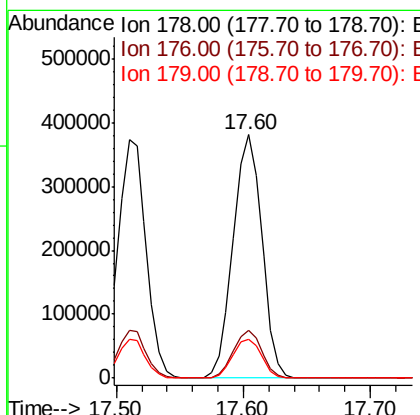
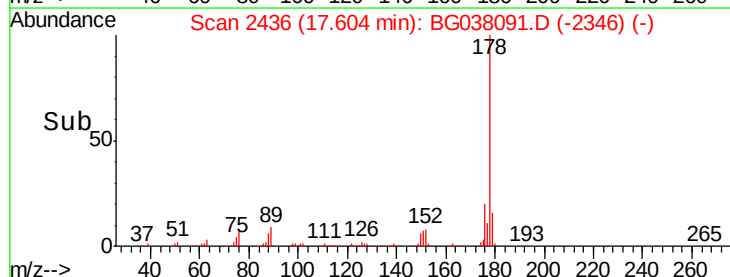
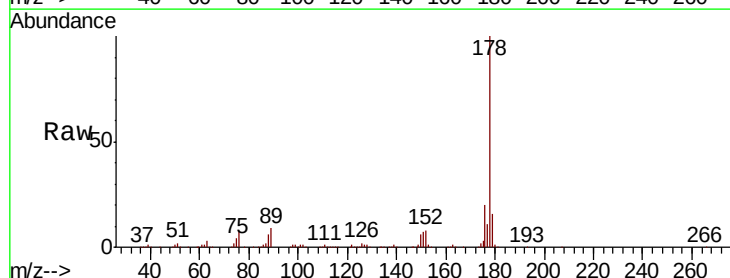
Manual Integrations
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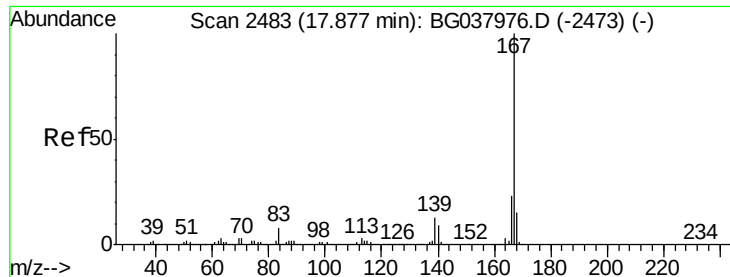
Sohil
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#72
Anthracene
Concen: 48.313 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	16.0	12.8	19.2





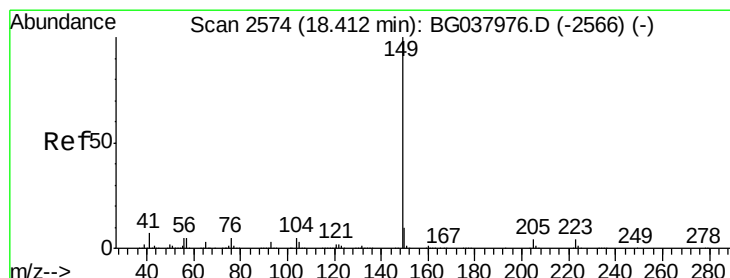
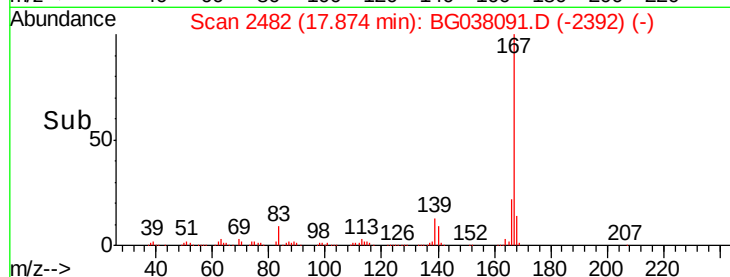
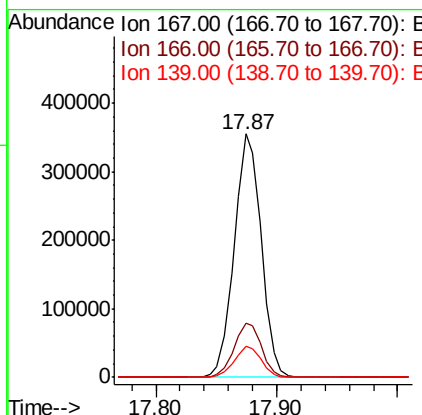
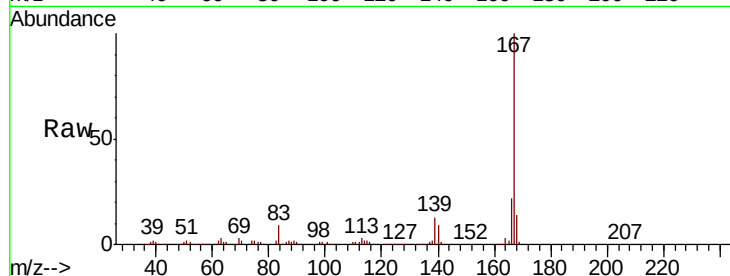
#73
 Carbazole
 Concen: 44.461 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	12.6	10.5	15.7

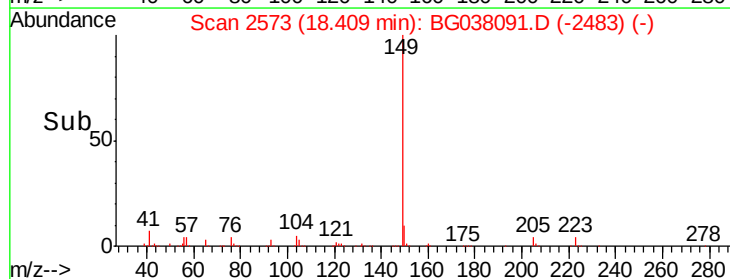
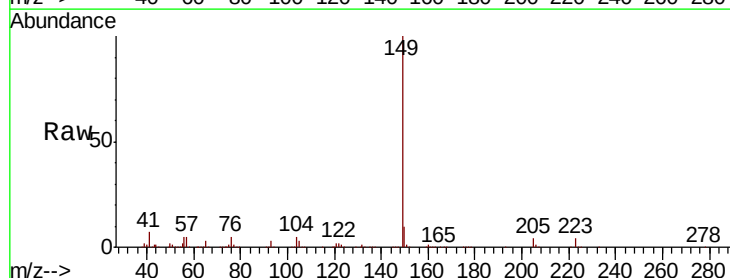
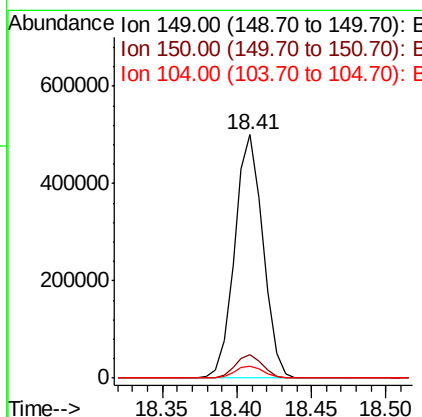
Manual Integrations
 APPROVED

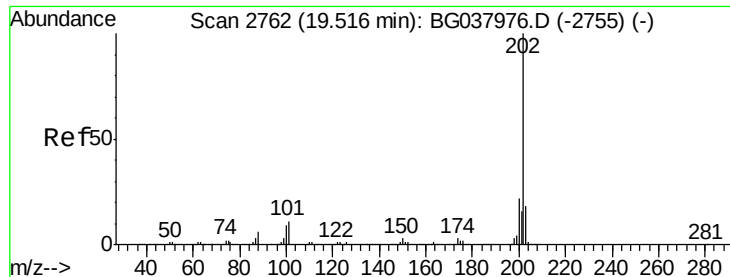
Sohil
 11/21/2018 3:23:10 PM



#74
 Di-n-butylphthalate
 Concen: 47.425 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 48.970 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

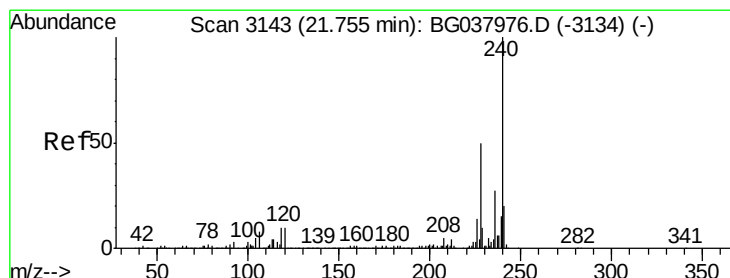
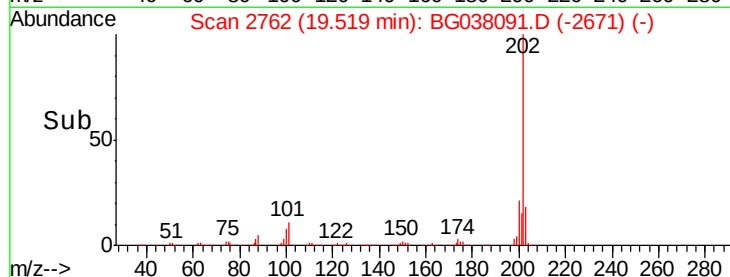
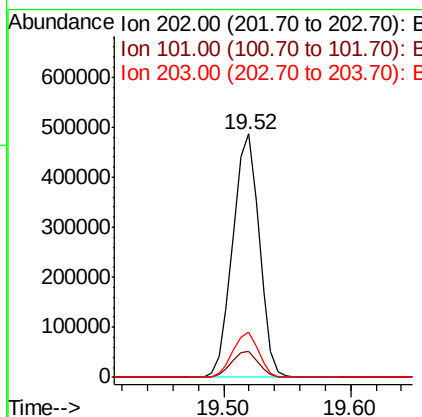
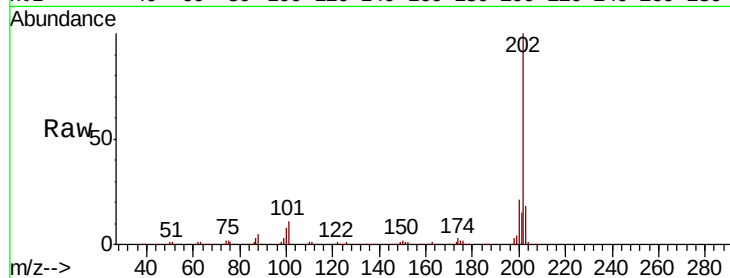
ClientSampleId :

PB114970BS

Tot Ion:	202	Resp:	701219
Ion Ratio		Lower	Upper
202	100		
101	10.9	0.0	30.7
203	18.3	0.0	38.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

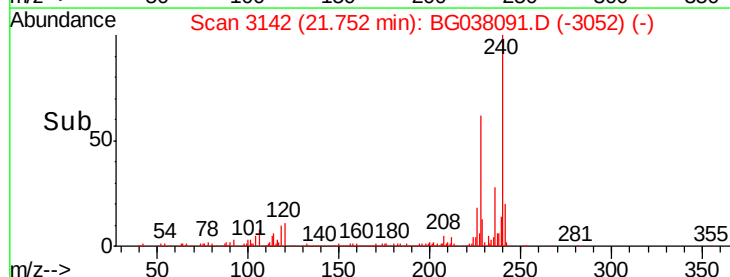
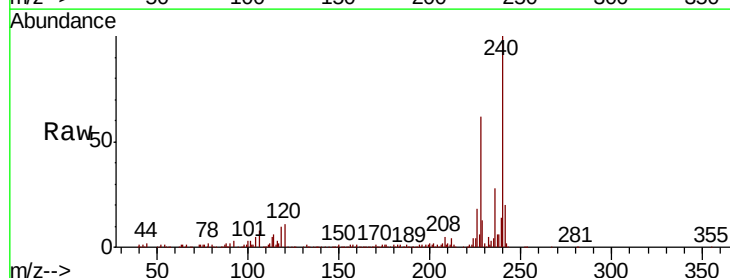
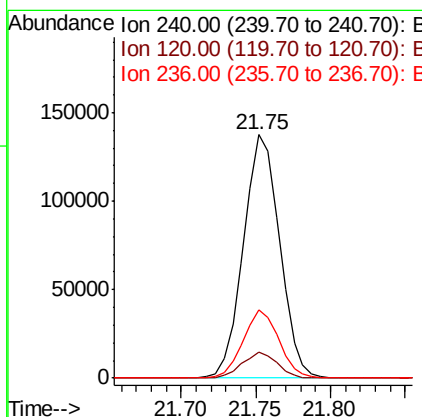
RT: 21.75 min Scan# 3142

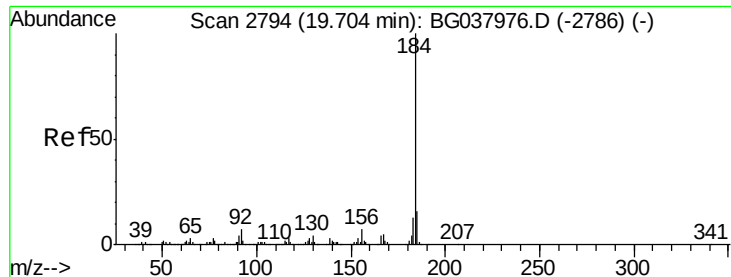
Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion:	240	Resp:	230829
Ion Ratio		Lower	Upper
240	100		
120	10.9	8.1	12.1
236	27.9	21.4	32.0





#77

Benzidine

Concen: 39.934 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

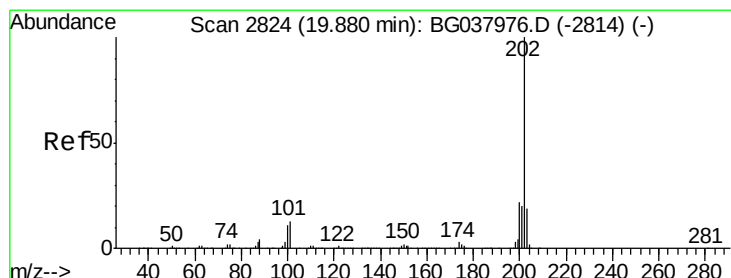
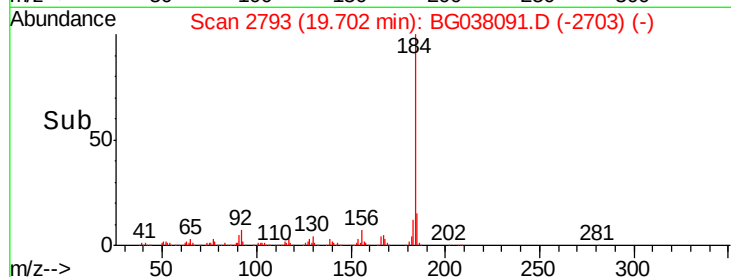
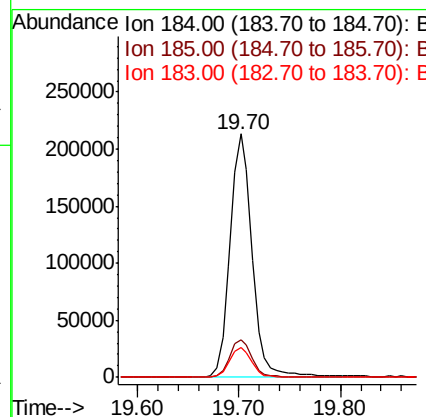
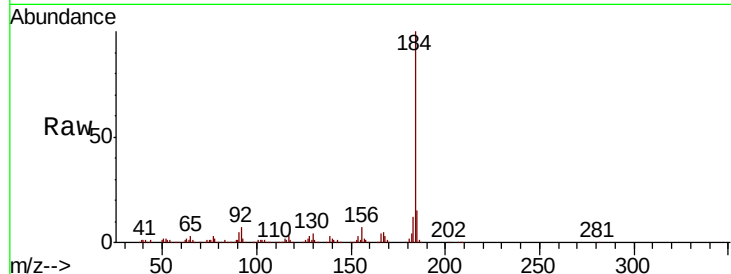
ClientSampleId :

PB114970BS

Tot Ion:	184	Resp:	323449
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	12.5	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 47.093 ng

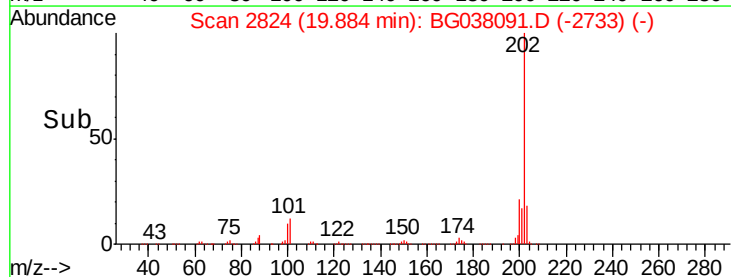
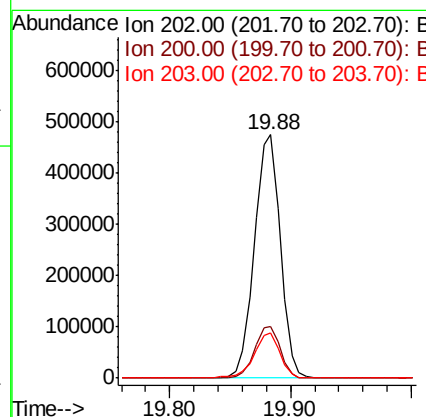
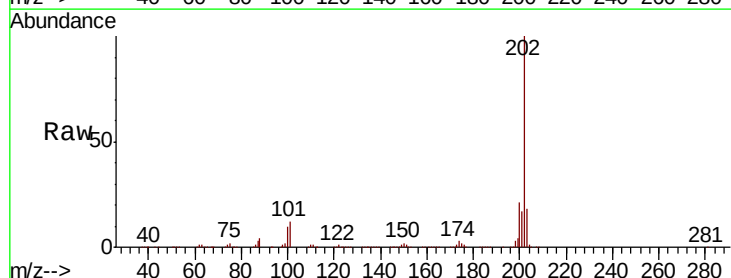
RT: 19.88 min Scan# 2824

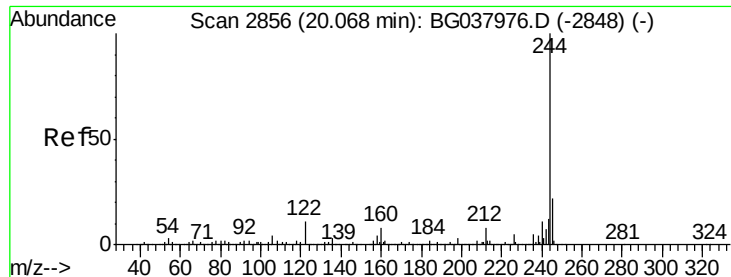
Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion:	202	Resp:	710721
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.8	26.6
203	18.4	15.2	22.8





#79

Terphenyl-d14

Concen: 75.320 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

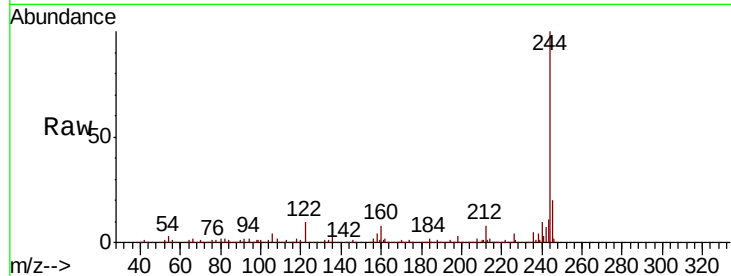
ClientSampleId :

PB114970BS

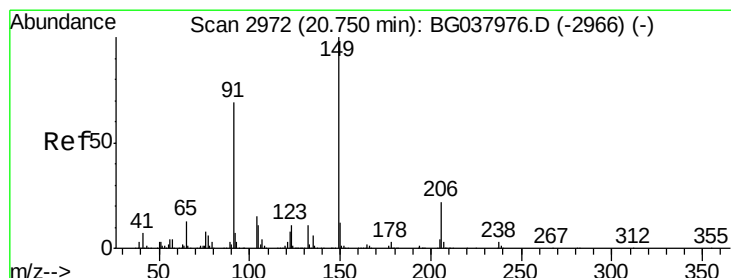
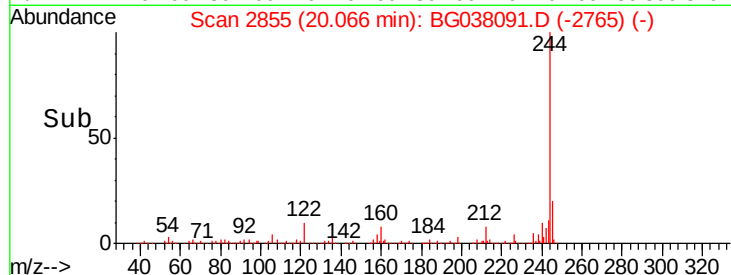
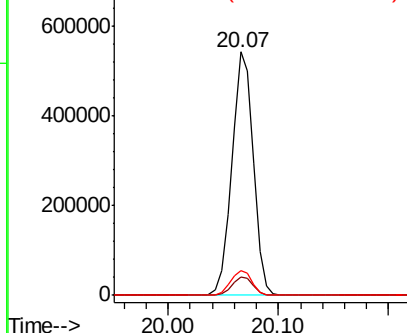
Tot Ion:	244	Resp:	738886
Ion Ratio		Lower	Upper
244	100		
212	7.7	6.5	9.7
122	10.4	9.0	13.4

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.025 ng

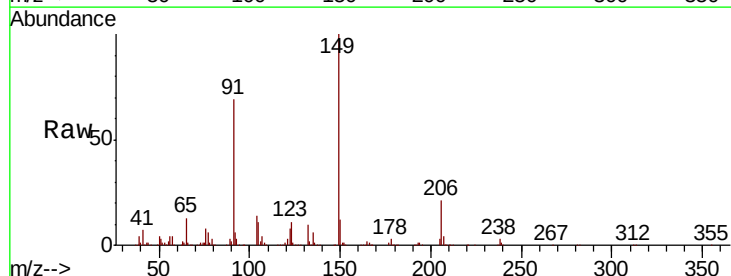
RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

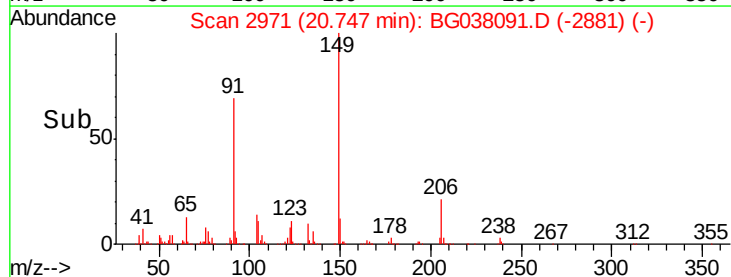
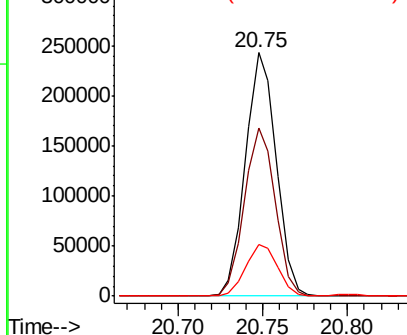
Lab File: BG038091.D

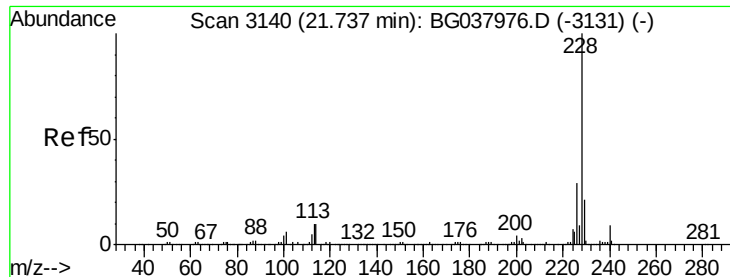
Acq: 20 Nov 2018 18:48

Tgt Ion:	149	Resp:	310359
Ion Ratio		Lower	Upper
149	100		
91	69.3	57.0	85.4
206	21.1	17.8	26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.244 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

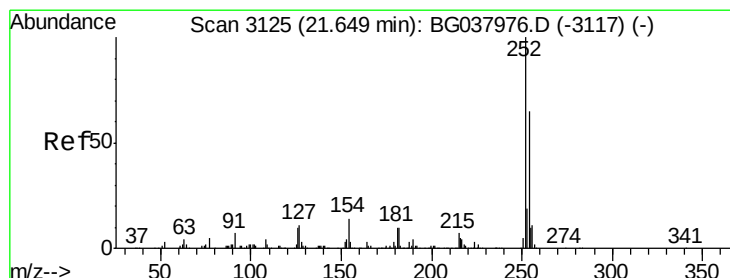
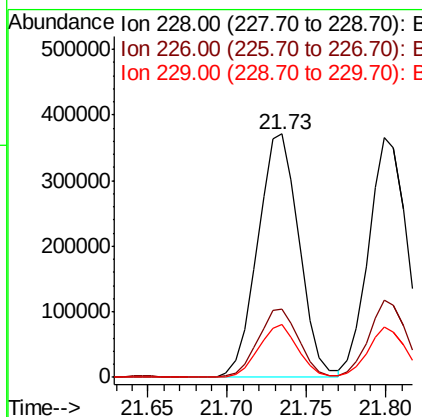
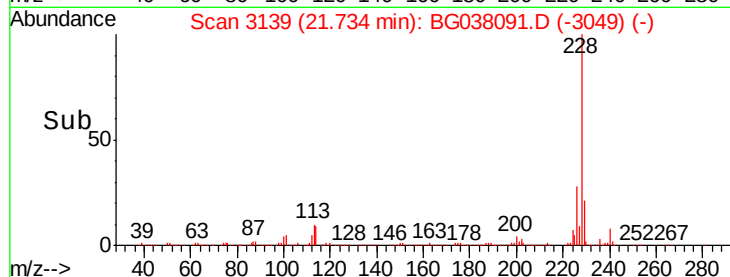
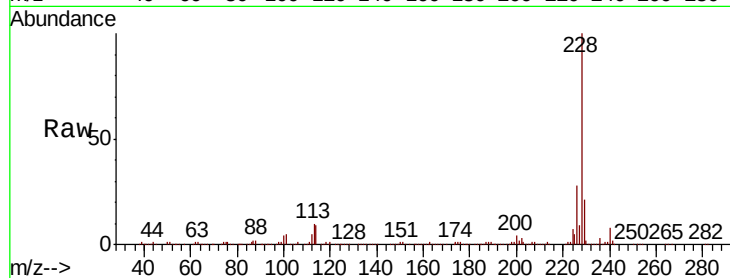
ClientSampleId :

PB114970BS

Tot Ion:	228	Resp:	672966
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	21.5	16.3	24.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 32.510 ng

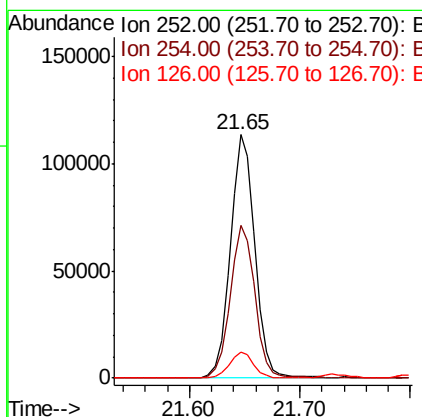
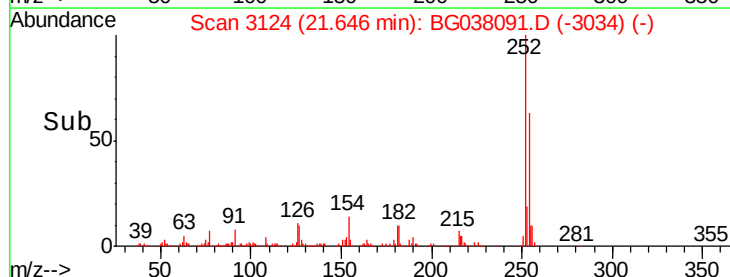
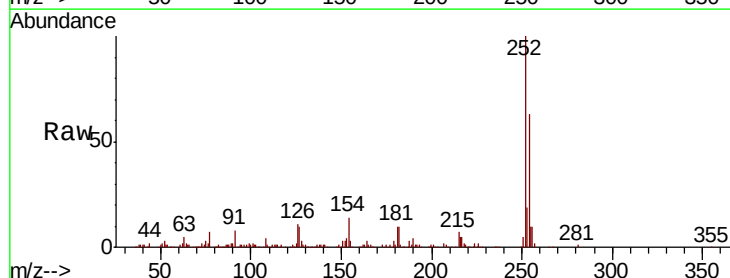
RT: 21.65 min Scan# 3124

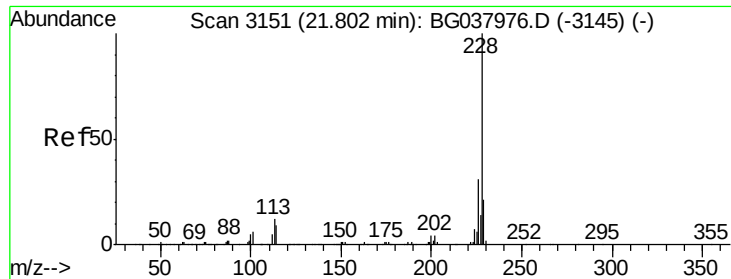
Delta R.T. -0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion:	252	Resp:	176648
Ion Ratio	Lower	Upper	
252	100		
254	62.9	52.0	78.0
126	10.7	8.2	12.4





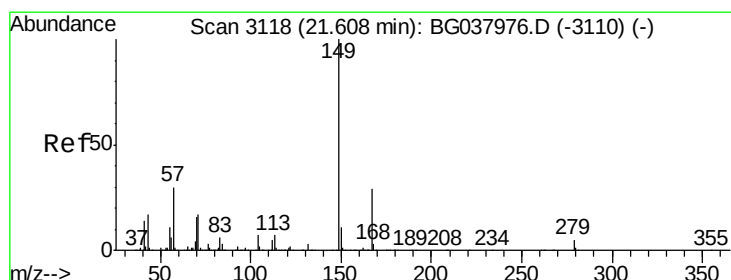
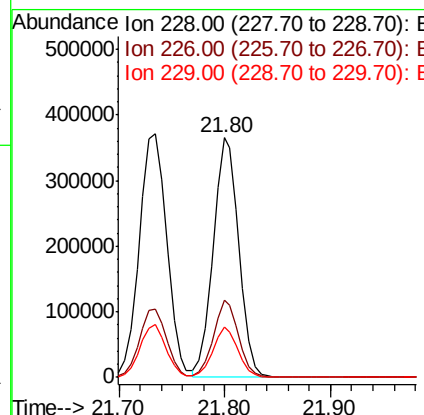
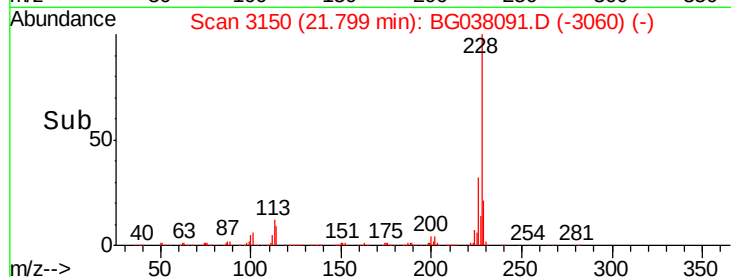
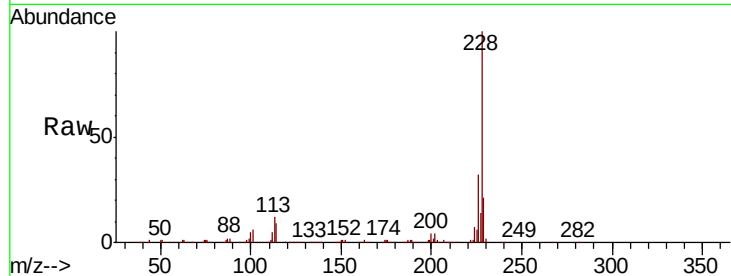
#83
 Chrysene
 Concen: 46.230 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB114970BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.7	38.5
229	21.1	16.5	24.7

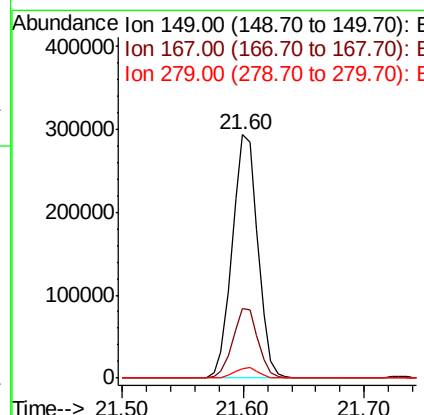
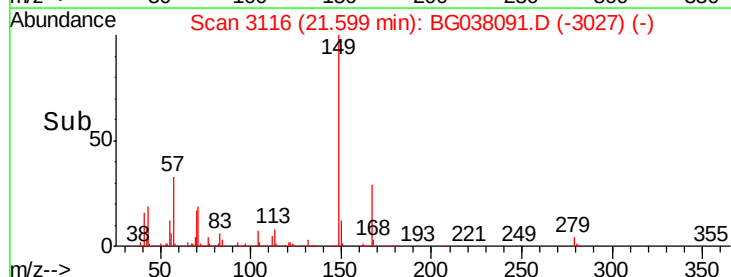
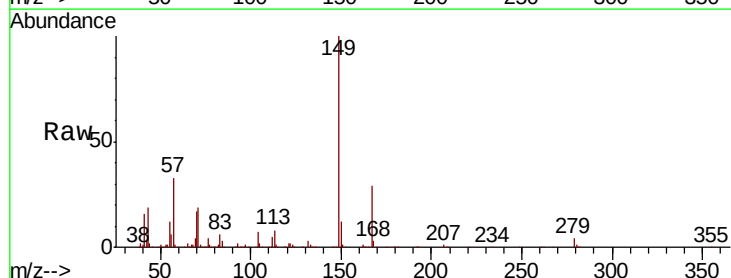
Manual Integrations
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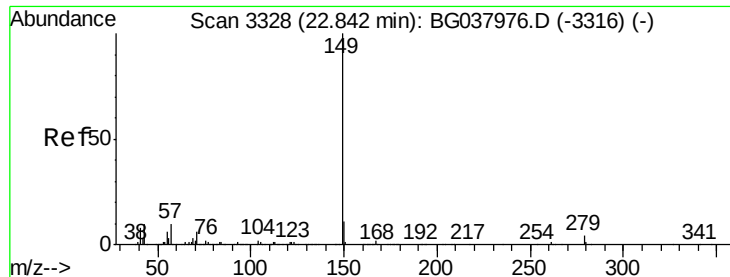
Sohil
 11/21/2018 3:23:10 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.887 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG038091.D
 Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.4
279	4.1	3.6	5.4





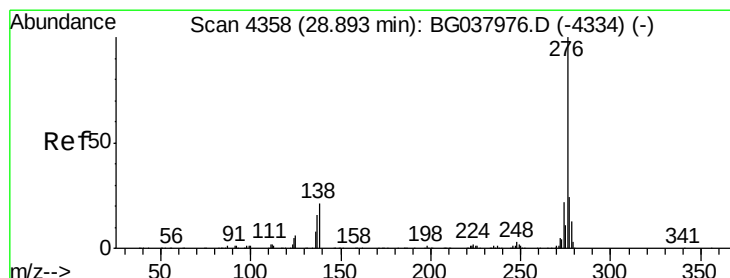
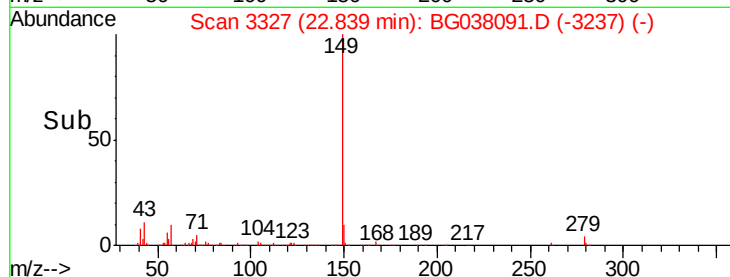
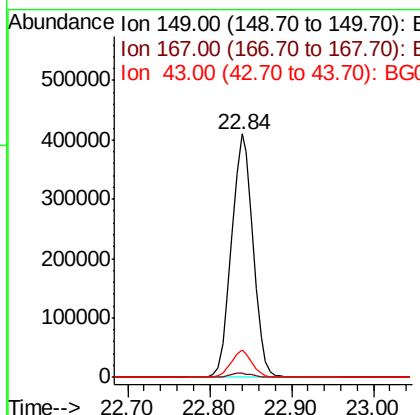
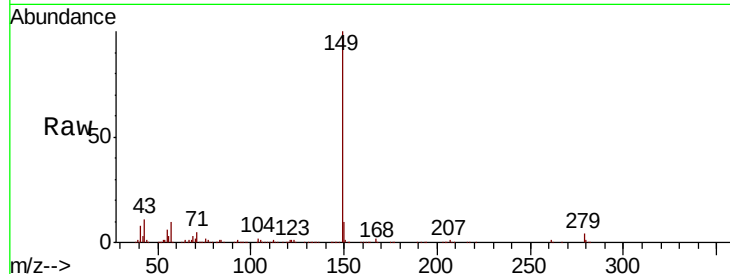
#85
Di-n-octyl phthalate
Concen: 49.273 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	750272		
167	1.7		1.3	1.9
43	10.6		8.7	13.1

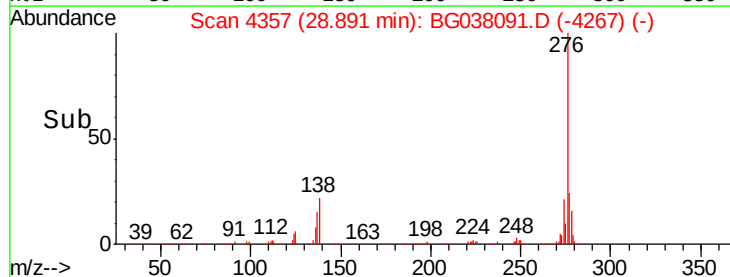
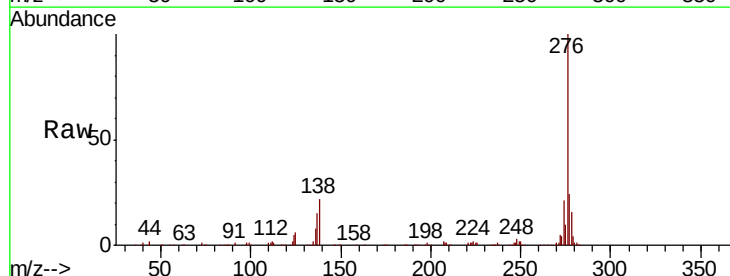
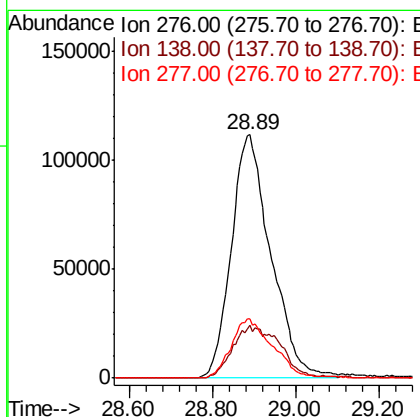
Manual Integrations
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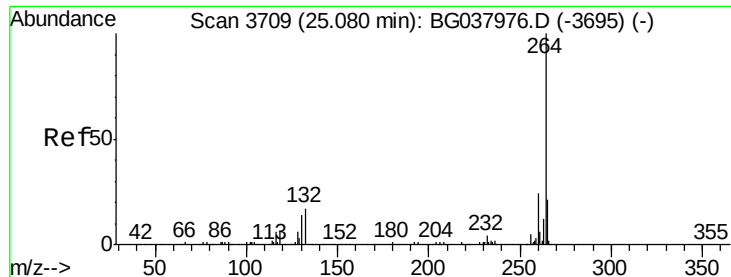
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.838 ng
RT: 28.89 min Scan# 4357
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	738751		
138	10.9		12.0	18.0#
277	25.3		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Instrument :

BNA_G

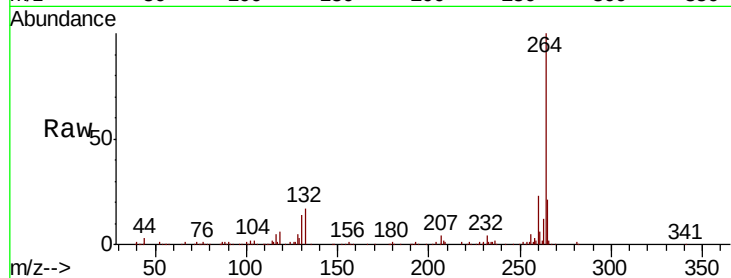
ClientSampleId :

PB114970BS

Tot Ion:	264	Resp:	247621
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.2	27.4
265	20.7	17.9	26.9

Manual Integrations
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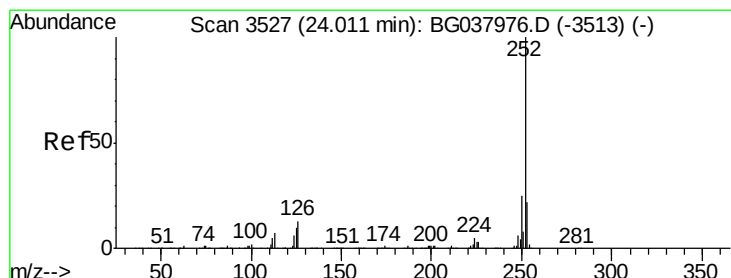
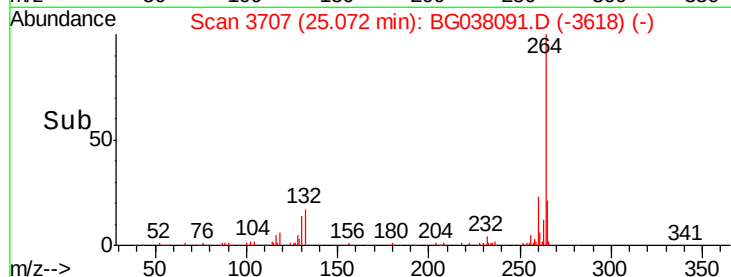
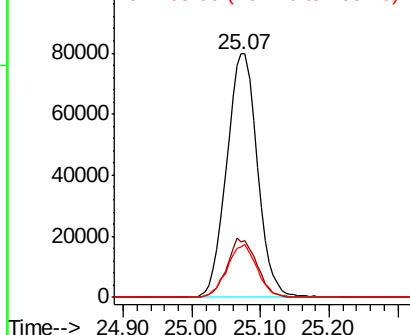


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.608 ng

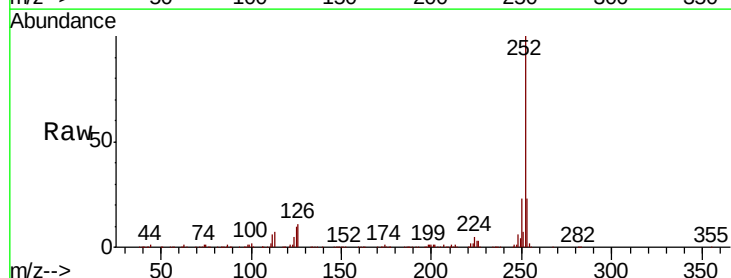
RT: 24.01 min Scan# 3527

Delta R.T. 0.00 min

Lab File: BG038091.D

Acq: 20 Nov 2018 18:48

Tgt Ion:	252	Resp:	648740
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.2
125	10.2	7.8	11.6

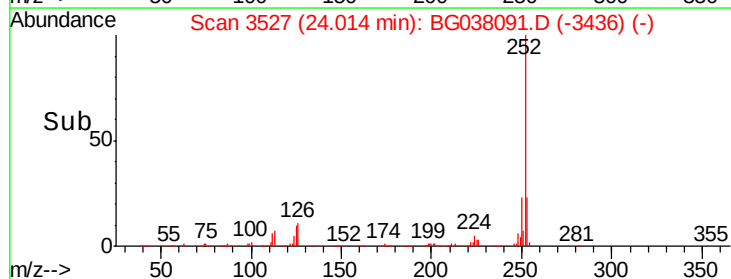
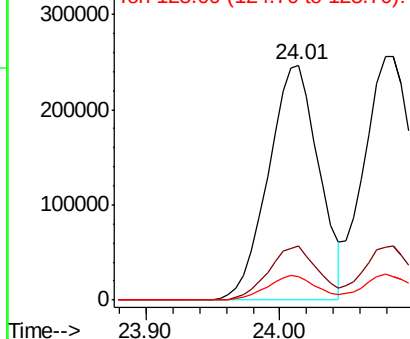


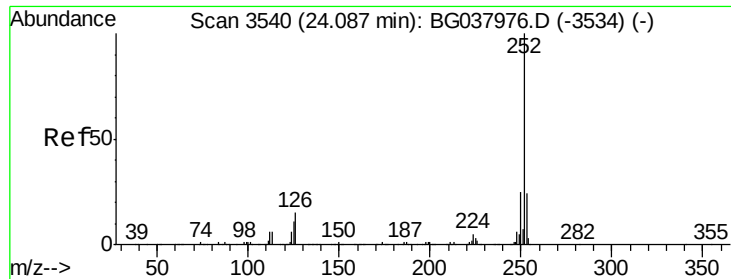
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





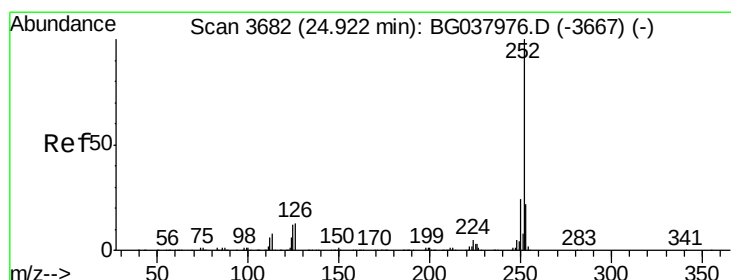
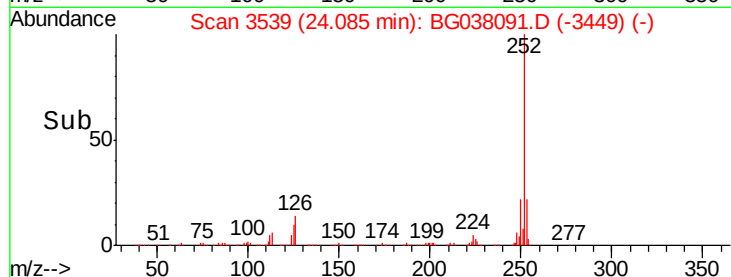
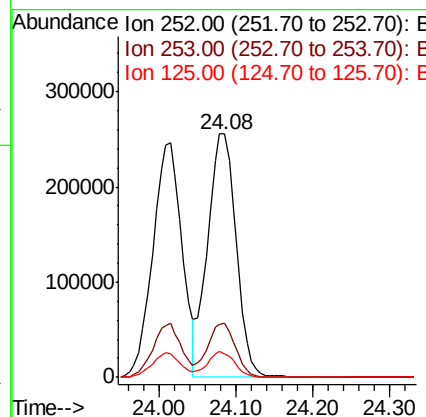
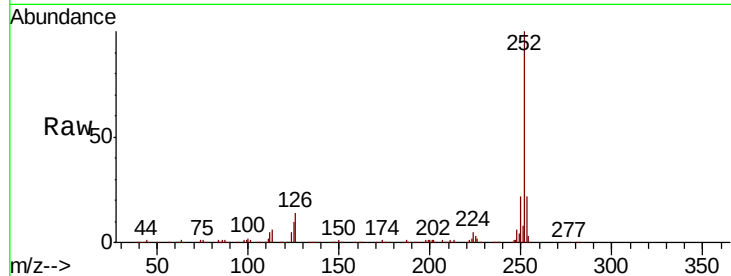
#89
Benzo(k)fluoranthene
Concen: 48.486 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.6	7.4	11.0

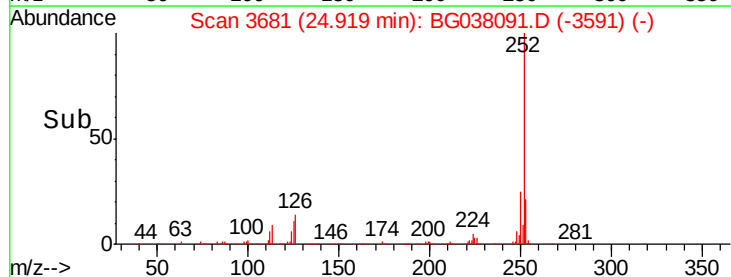
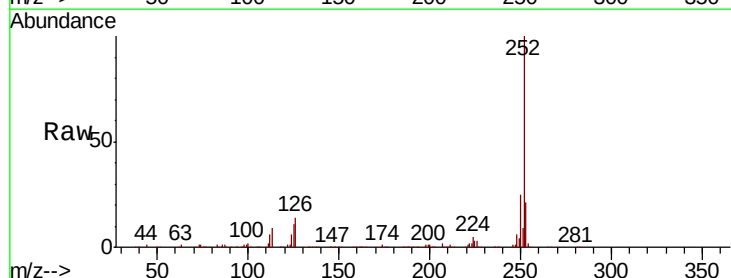
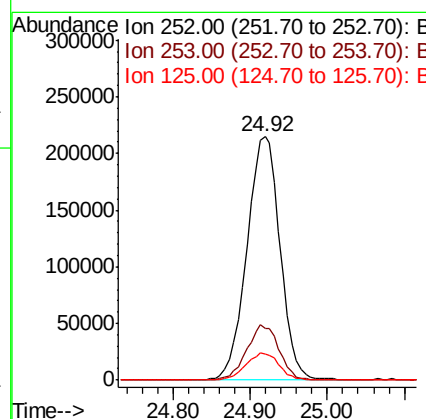
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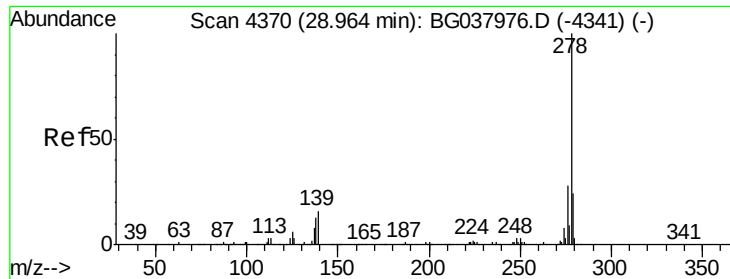
Sohil
11/21/2018 3:23:10 PM



#90
Benzo(a)pyrene
Concen: 49.683 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	10.9	9.0	13.6





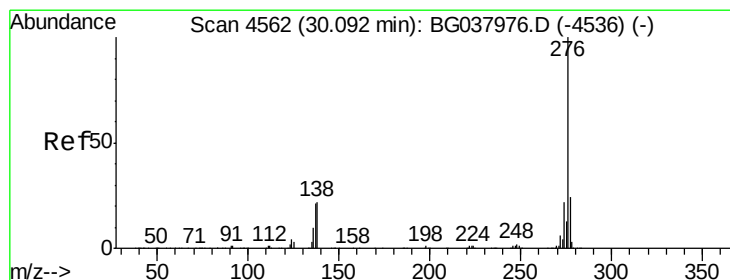
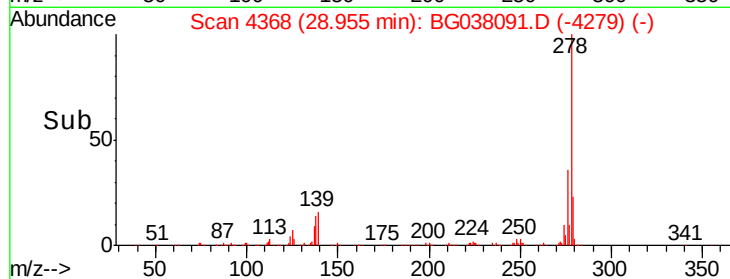
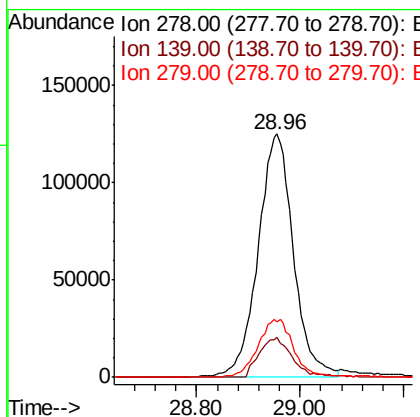
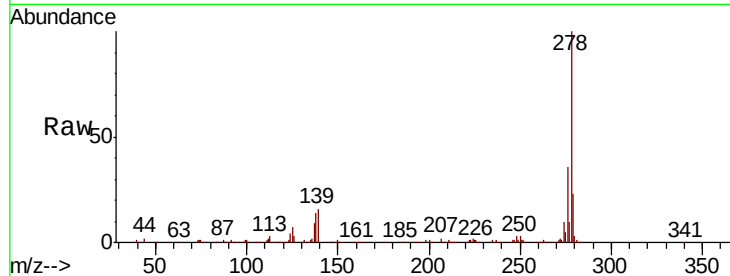
#91
Dibenzo(a,h)anthracene
Concen: 47.344 ng
RT: 28.96 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Tot Ion:	278	Resp:	593227
Ion Ratio	Lower	Upper	
278	100		
139	16.5	11.5	17.3
279	22.7	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/21/2018 3:23:10 PM



#92
Benzo(g,h,i)perylene
Concen: 48.176 ng
RT: 30.09 min Scan# 4561
Delta R.T. -0.00 min
Lab File: BG038091.D
Acq: 20 Nov 2018 18:48

Tgt Ion:	276	Resp:	600221
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.9	28.3
138	21.2	17.2	25.8

