

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038149.D
 Acq On : 27 Nov 2018 00:01
 Operator : JU/SJ
 Sample : J6032-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01MSD

Manual Integrations
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 11/27/2018 2:06:02 PM

Quant Time: Nov 27 07:16:16 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	51990	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	218242	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	130709	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	290735	20.00	ng	0.00
76) Chrysene-d12	21.76	240	260228	20.00	ng	0.00
87) Perylene-d12	25.09	264	277528	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	174915	58.09	ng	0.00
7) Phenol-d6	7.24	99	150631	35.04	ng	0.00
23) Nitrobenzene-d5	9.27	82	341902	83.86	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	175761	117.90	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	719437	80.19	ng	0.00
79) Terphenyl-d14	20.07	244	997701	90.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	20928	14.714	ng	97
3) Pyridine	3.93	79	46405	11.438	ng	94
4) n-Nitrosodimethylamine	3.85	42	30397	20.651	ng	# 91
6) Aniline	7.41	93	77595	13.987	ng	95
8) 2-Chlorophenol	7.65	128	139787	40.008	ng	98
9) Benzaldehyde	7.23	77	80228	25.810	ng	98
10) Phenol	7.26	94	72077	15.831	ng	96
11) bis(2-Chloroethyl)ether	7.51	93	169651	45.643	ng	97
12) 1,3-Dichlorobenzene	7.98	146	171325	42.564	ng	95
13) 1,4-Dichlorobenzene	8.12	146	174912	43.018	ng	98
14) 1,2-Dichlorobenzene	8.44	146	168311	43.357	ng	99
15) Benzyl Alcohol	8.33	79	91189	29.319	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	340627	49.353	ng	99
17) 2-Methylphenol	8.53	107	102074	33.162	ng	98
18) Hexachloroethane	9.17	117	65232	44.082	ng	93
19) n-Nitroso-di-n-propylamine	8.89	70	141074	45.359	ng	98
20) 3+4-Methylphenols	8.86	107	125042	28.656	ng	99
22) Acetophenone	8.92	105	263065	48.447	ng	# 99
24) Nitrobenzene	9.31	77	208656	50.030	ng	97
25) Isophorone	9.82	82	394937	53.820	ng	98
26) 2-Nitrophenol	10.02	139	98061	47.098	ng	95
27) 2,4-Dimethylphenol	10.07	122	150976	48.127	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	237546	50.624	ng	98
29) 2,4-Dichlorophenol	10.55	162	166871	47.292	ng	99
30) 1,2,4-Trichlorobenzene	10.77	180	184206	46.587	ng	99
31) Naphthalene	10.96	128	544349	50.711	ng	99
32) Benzoic acid	10.16	122	20399m	19.837	ng	
33) 4-Chloroaniline	11.07	127	67862	13.591	ng	98
34) Hexachlorobutadiene	11.22	225	109327	44.926	ng	96
35) Caprolactam	11.87	113	8990	6.365	ng	# 83
36) 4-Chloro-3-methylphenol	12.18	107	168196	43.631	ng	99
37) 2-Methylnaphthalene	12.56	142	400380	51.927	ng	98
38) 1-Methylnaphthalene	12.78	142	380701	51.295	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	208905	47.829	ng	99

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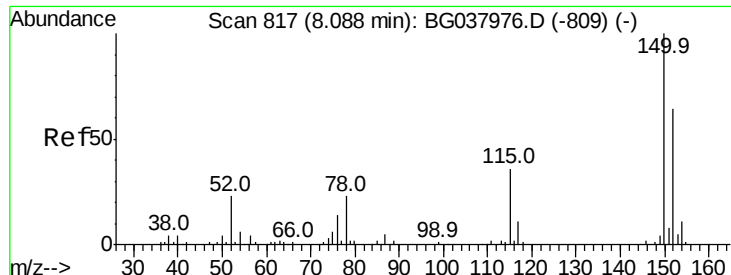
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	247885	105.988	nq	99
43) 2,4,6-Trichlorophenol	13.16	196	144102	48.416	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	150000	47.898	nq	98
46) 1,1'-Biphenyl	13.56	154	507908	46.253	nq	99
47) 2-Chloronaphthalene	13.61	162	400849	47.837	nq	99
48) 2-Nitroaniline	13.82	65	139041	52.722	nq	99
49) Acenaphthylene	14.45	152	661255	52.477	nq	100
50) Dimethylphthalate	14.17	163	512217	49.431	nq	99
51) 2,6-Dinitrotoluene	14.31	165	117555	50.124	nq	98
52) Acenaphthene	14.79	154	381961	50.351	nq	99
53) 3-Nitroaniline	14.64	138	47457	18.338	nq	98
54) 2,4-Dinitrophenol	14.84	184	113583	88.606	nq	90
55) Dibenzofuran	15.12	168	608475	48.508	nq	97
56) 4-Nitrophenol	14.94	139	62054	31.090	nq	96
57) 2,4-Dinitrotoluene	15.09	165	163861	51.352	nq	97
58) Fluorene	15.77	166	485609	51.886	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	132686	50.635	nq	98
60) Diethylphthalate	15.53	149	520420	47.284	nq	100
61) 4-Chlorophenyl-phenylether	15.75	204	258003	47.112	nq	100
62) 4-Nitroaniline	15.81	138	114846	44.673	nq	96
63) Azobenzene	16.05	77	484970	49.281	nq	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	85912	46.719	nq	94
66) n-Nitrosodiphenylamine	15.98	169	435042	49.462	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	156680	49.099	nq	95
68) Hexachlorobenzene	16.77	284	160081	48.600	nq	97
69) Atrazine	16.92	200	157850	48.684	nq	98
70) Pentachlorophenol	17.12	266	184595	82.517	nq	96
71) Phenanthrene	17.52	178	771581	51.835	nq	99
72) Anthracene	17.61	178	782278	53.315	nq	99
73) Carbazole	17.88	167	702740	47.736	nq	100
74) Di-n-butylphthalate	18.41	149	850967	51.495	nq	99
75) Fluoranthene	19.52	202	879986	51.816	nq	99
77) Benzidine	19.70	184	202875	22.218	nq	99
78) Pyrene	19.89	202	887907	52.187	nq	99
80) Butylbenzylphthalate	20.75	149	394201	52.981	nq	99
81) Benzo(a)anthracene	21.74	228	844931	53.729	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	143636	23.448	nq	98
83) Chrysene	21.81	228	785152	52.183	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	551978	52.020	nq	100
85) Di-n-octyl phthalate	22.85	149	940885	54.810	nq	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	920224	55.067	nq	# 91
88) Benzo(b)fluoranthene	24.02	252	821992	53.822	nq	100
89) Benzo(k)fluoranthene	24.09	252	805744	53.466	nq	99
90) Benzo(a)pyrene	24.93	252	805019	55.155	nq	98
91) Dibenzo(a,h)anthracene	28.98	278	750961	53.474	nq	100
92) Benzo(g,h,i)perylene	30.11	276	753630	53.971	nq	99

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



#1

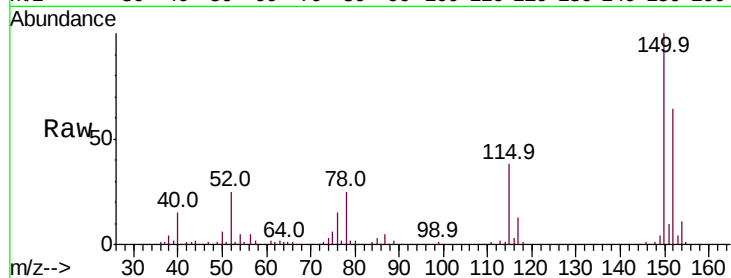
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.0	189.0
115	59.3	45.5	68.3

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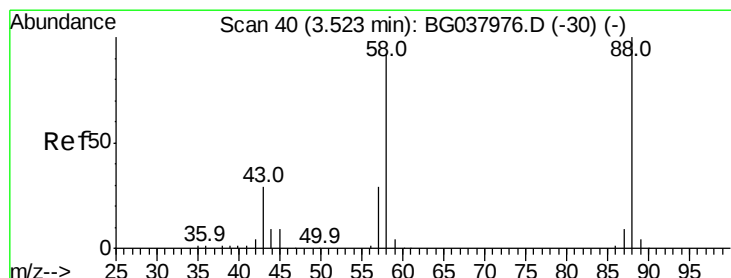
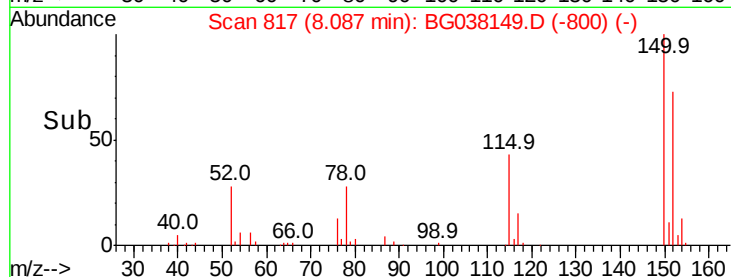
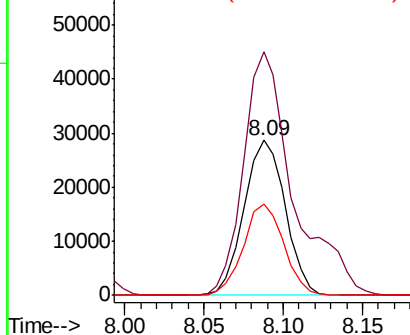


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

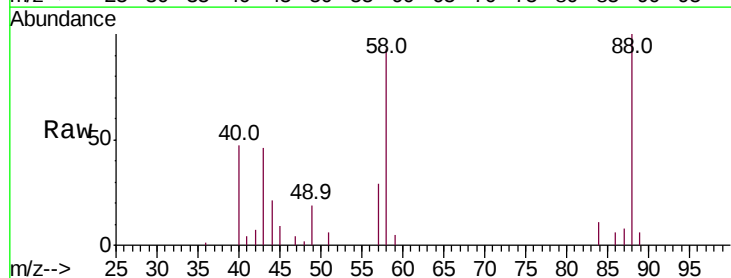
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 14.714 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.1	74.4	111.6
43	37.8	25.8	38.8

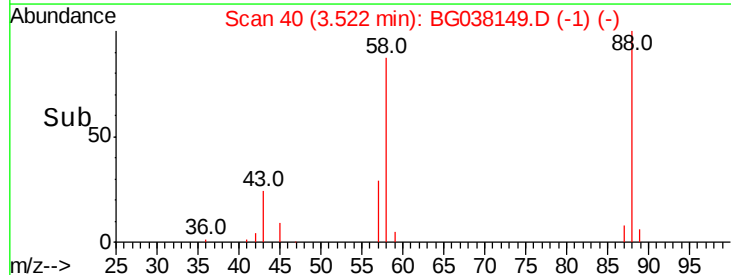
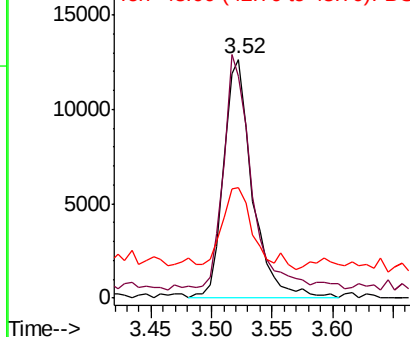


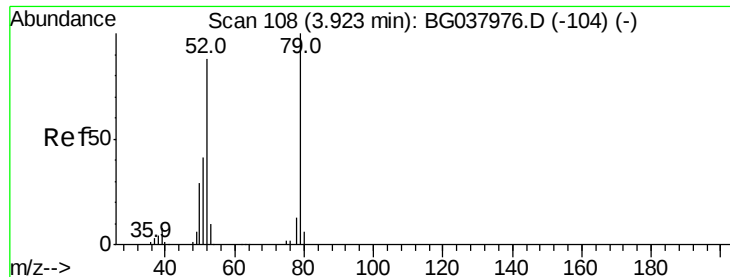
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 11.438 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

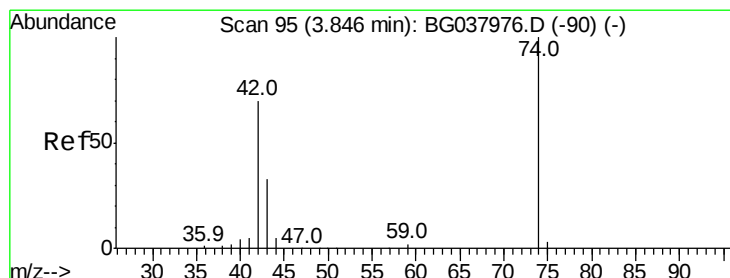
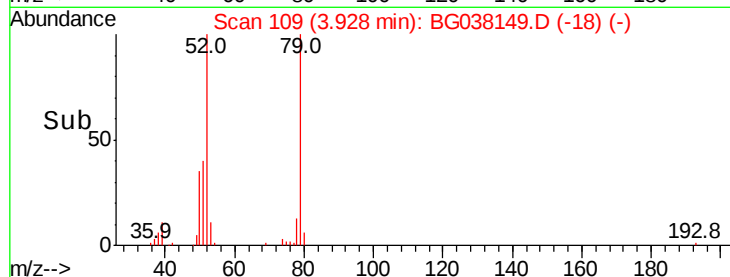
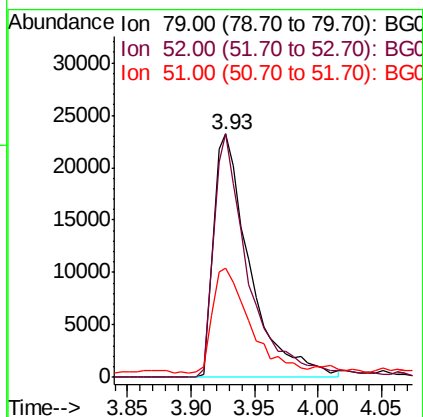
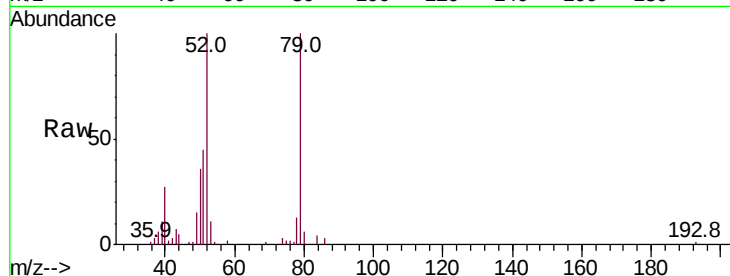
ClientSampleId :

MMTW-01MSD

Tot Ion:	79	Resp:	46405
Ion	Ratio	Lower	Upper
79	100		
52	99.9	74.2	111.2
51	44.6	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 20.651 ng

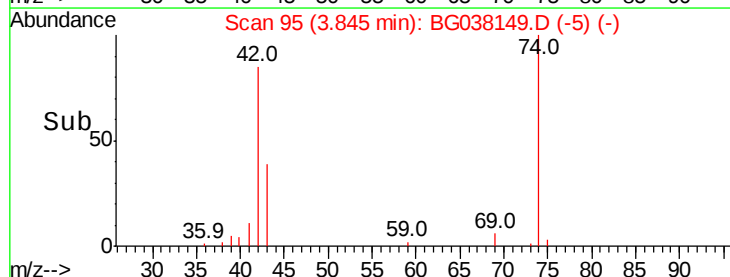
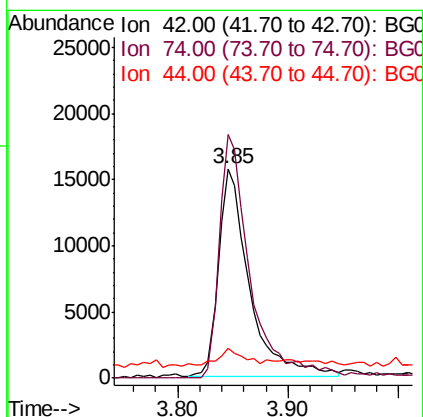
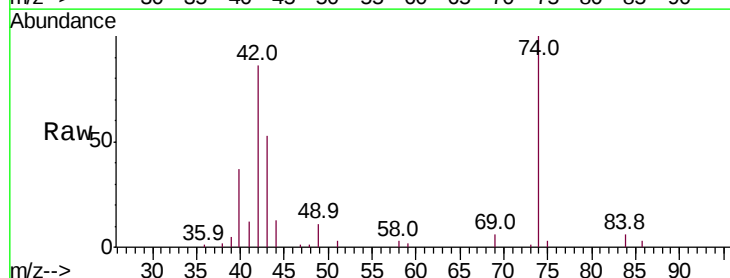
RT: 3.85 min Scan# 95

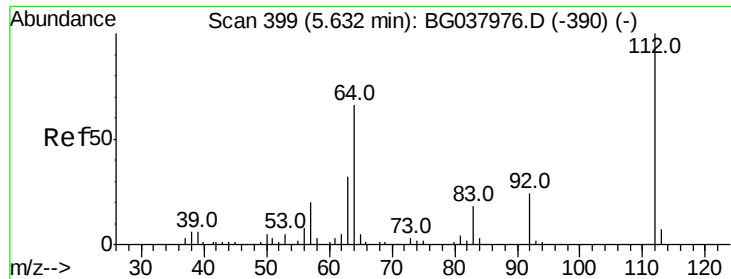
Delta R.T. -0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Tgt Ion:	42	Resp:	30397
Ion	Ratio	Lower	Upper
42	100		
74	116.5	102.0	153.0
44	14.6	9.6	14.4#





#5

2-Fluorophenol

Concen: 58.089 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

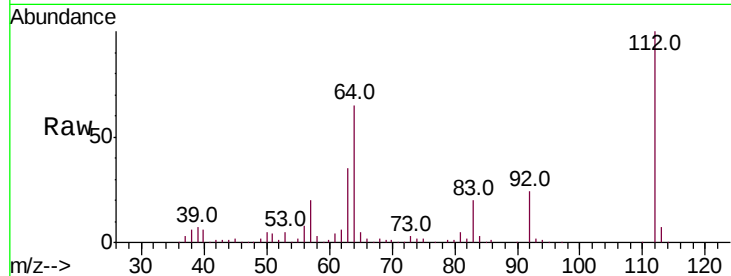
ClientSampleId :

MMTW-01MSD

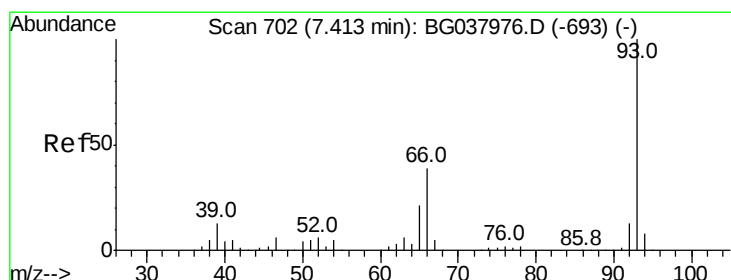
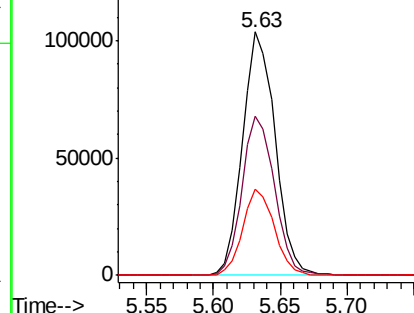
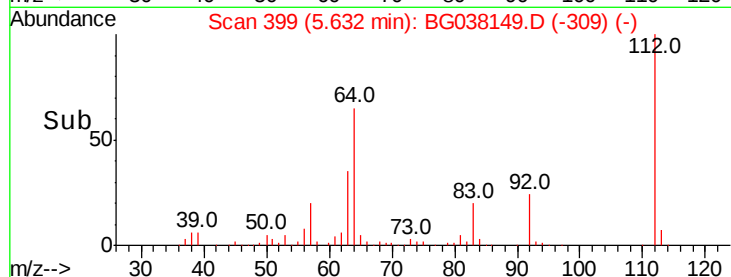
Tot Ion:	112	Resp:	174915
Ion Ratio	Lower	Upper	
112	100		
64	65.1	53.1	79.7
63	35.5	27.3	40.9

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



#6

Aniline

Concen: 13.987 ng

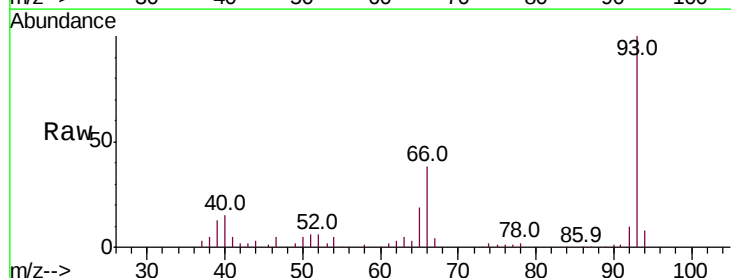
RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

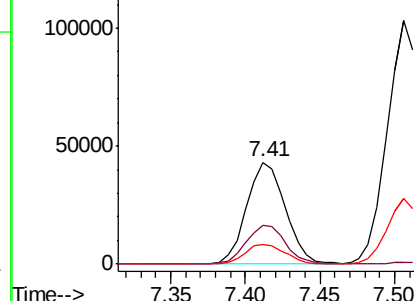
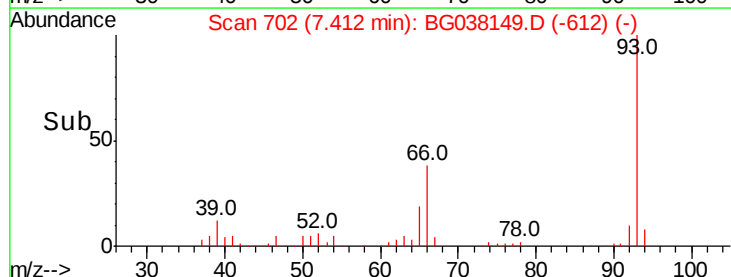
Lab File: BG038149.D

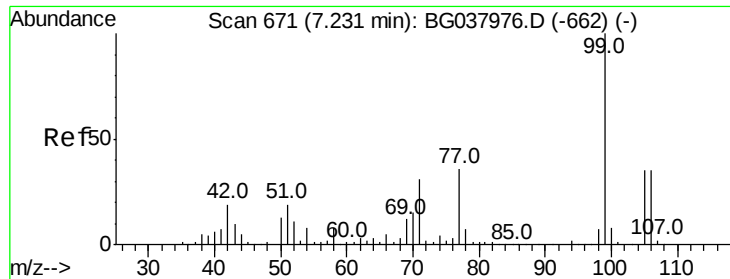
Acq: 27 Nov 2018 00:01

Tgt Ion:	93	Resp:	77595
Ion Ratio	Lower	Upper	
93	100		
66	37.8	32.8	49.2
65	18.9	16.4	24.6



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





#7

Phenol-d6

Concen: 35.044 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

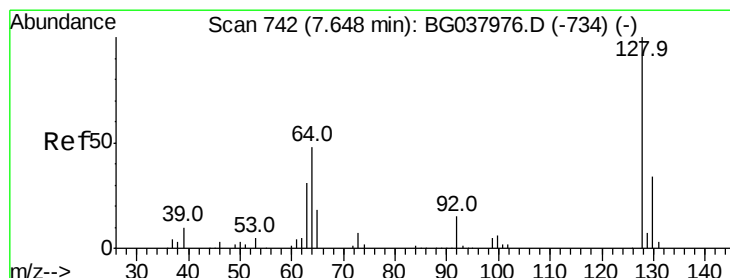
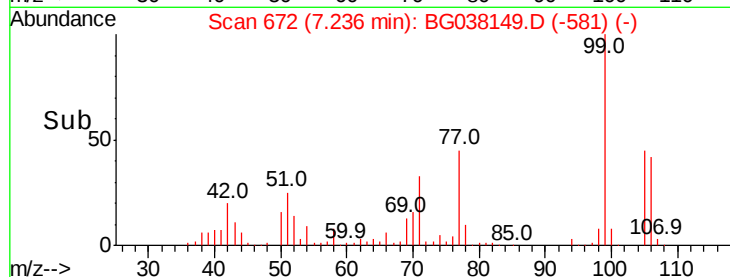
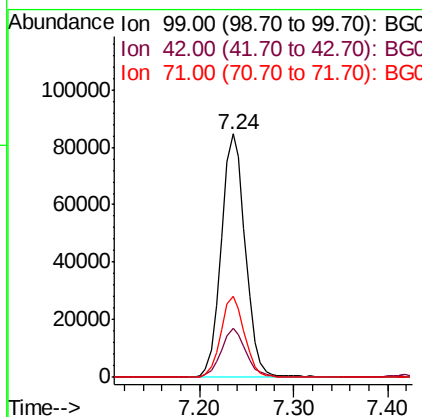
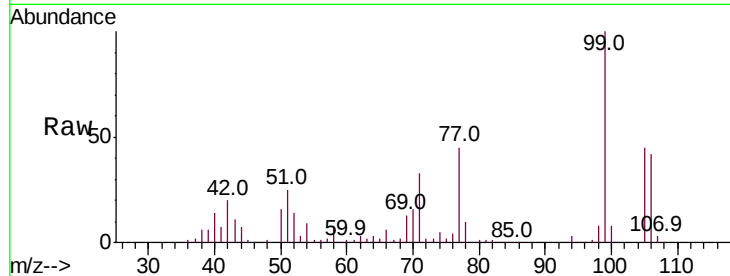
ClientSampleId :

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Tot Ion:	99	Resp:	150631
Ion Ratio	Lower	Upper	
99	100		
42	20.3	15.0	22.4
71	33.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 40.008 ng

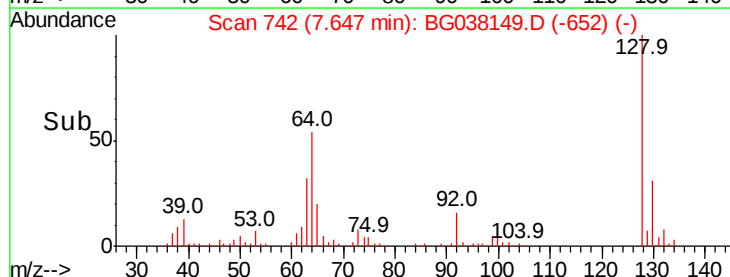
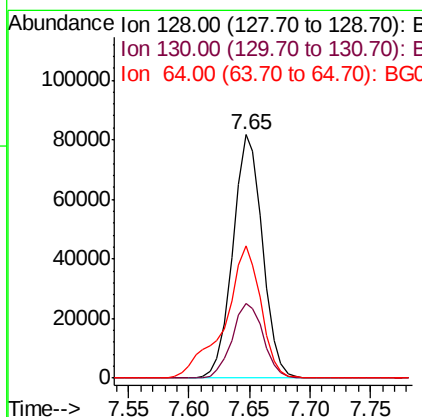
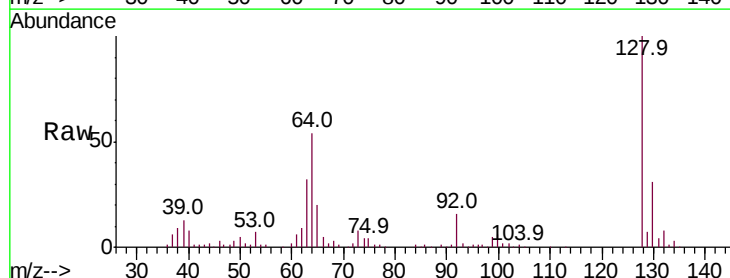
RT: 7.65 min Scan# 742

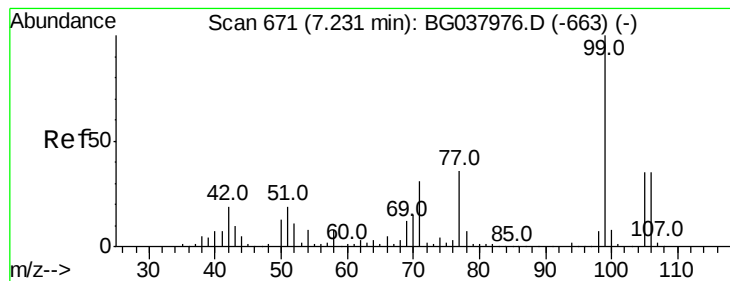
Delta R.T. -0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Tgt Ion:	128	Resp:	139787
Ion Ratio	Lower	Upper	
128	100		
130	30.9	12.0	52.0
64	54.2	32.9	72.9





#9

Benzaldehyde

Concen: 25.810 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

ClientSampleId :

MMTW-01MSD

Tot Ion: 77 Resp: 80228

Ion Ratio Lower Upper

77 100

105 96.3 72.6 112.6

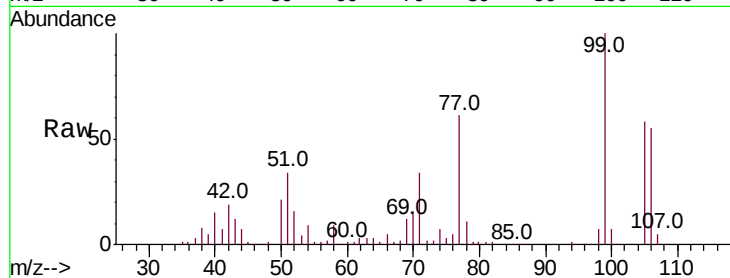
106 91.6 71.3 111.3

Manual Integrations

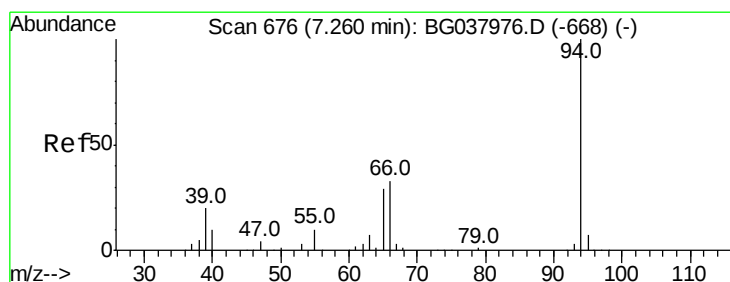
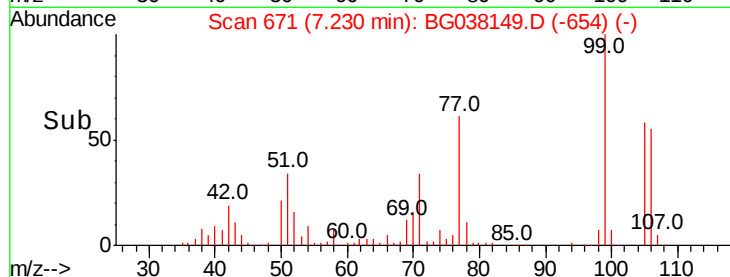
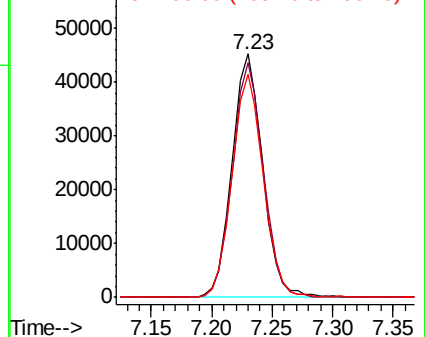
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 15.831 ng

RT: 7.26 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

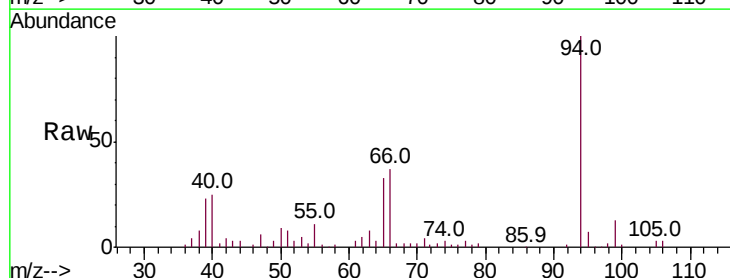
Tgt Ion: 94 Resp: 72077

Ion Ratio Lower Upper

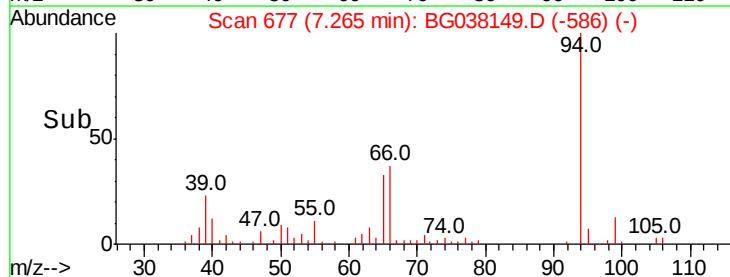
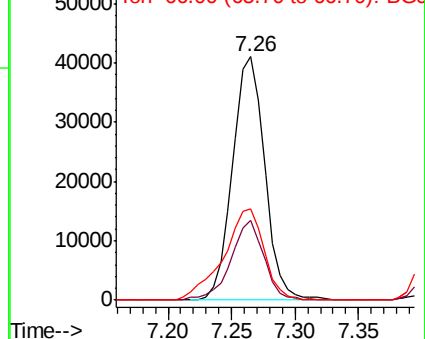
94 100

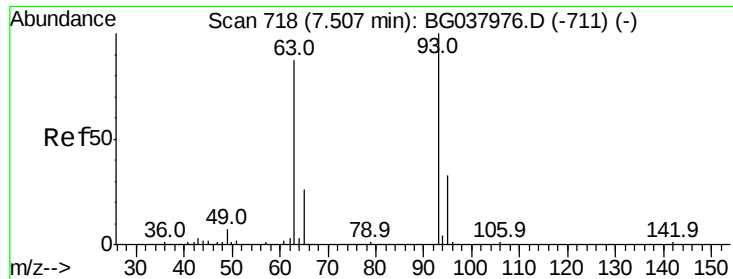
65 32.7 9.7 49.7

66 37.5 15.9 55.9



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





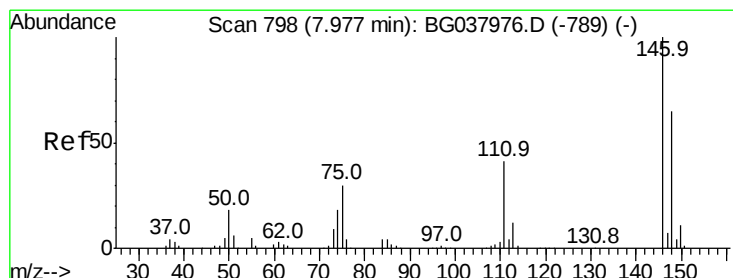
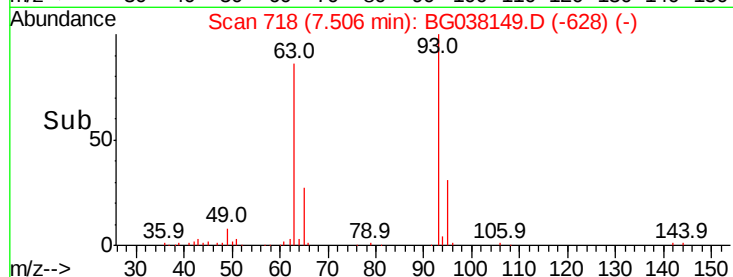
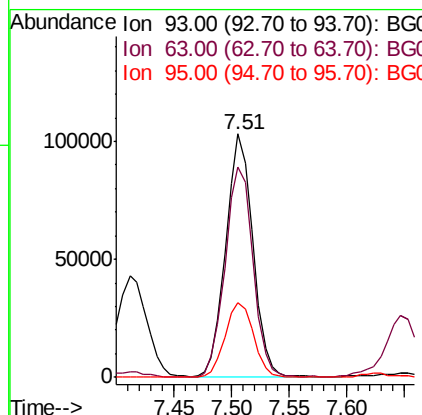
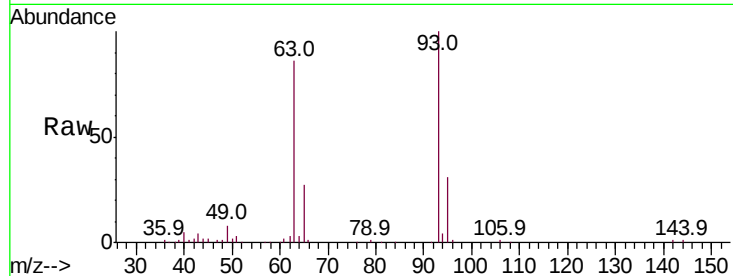
#11
 bis(2-Chloroethyl)ether
 Concen: 45.643 ng
 RT: 7.51 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01MSD

Tot Ion:	93	Resp:	169651
Ion Ratio	Lower	Upper	
93	100		
63	86.3	69.5	109.5
95	30.8	12.6	52.6

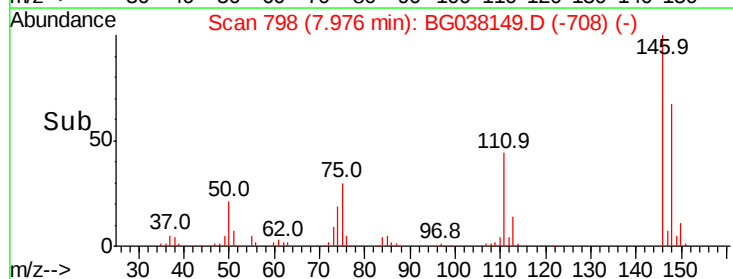
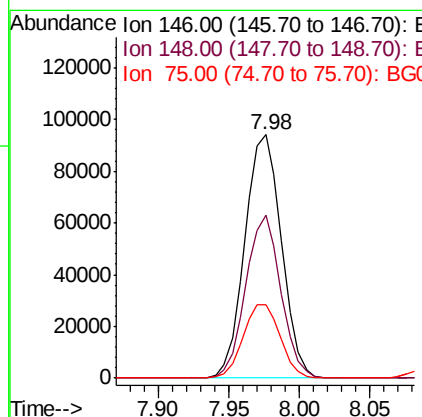
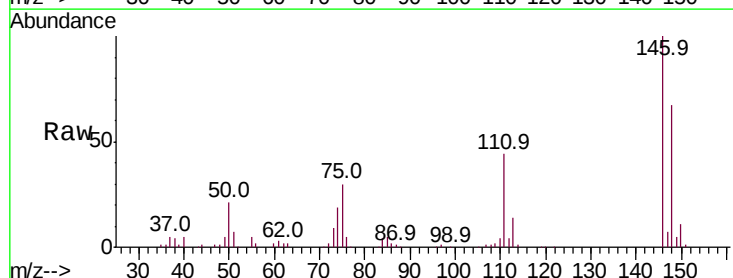
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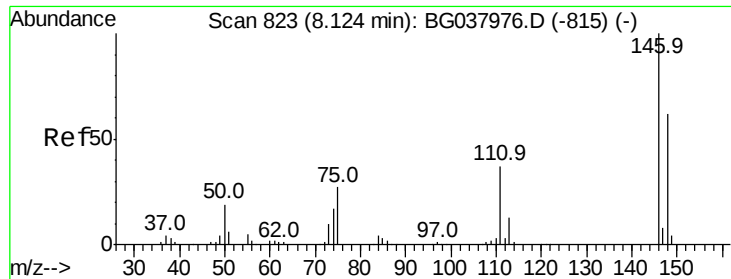
mohammad
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#12
 1,3-Dichlorobenzene
 Concen: 42.564 ng
 RT: 7.98 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Tgt Ion:	146	Resp:	171325
Ion Ratio	Lower	Upper	
146	100		
148	66.7	49.8	74.8
75	30.1	23.2	34.8





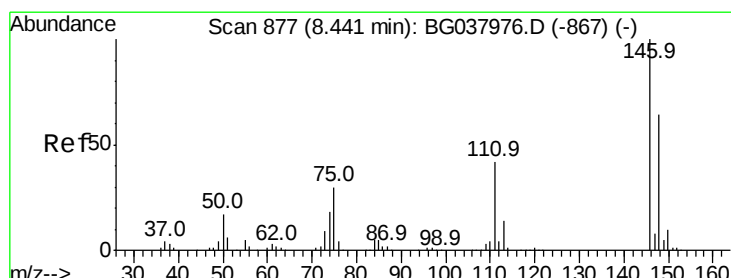
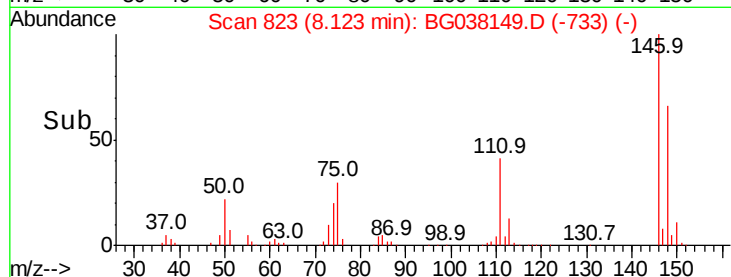
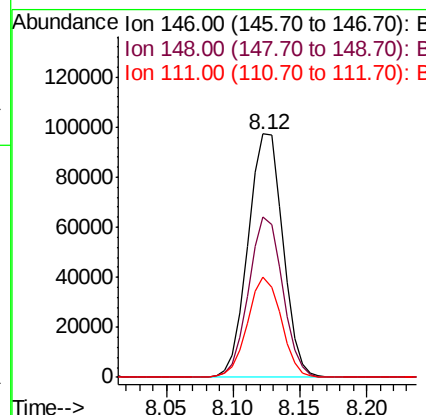
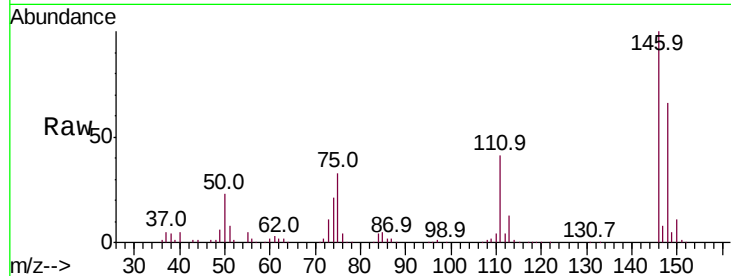
#13
 1,4-Dichlorobenzene
 Concen: 43.018 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.0	76.6
111	41.0	32.4	48.6

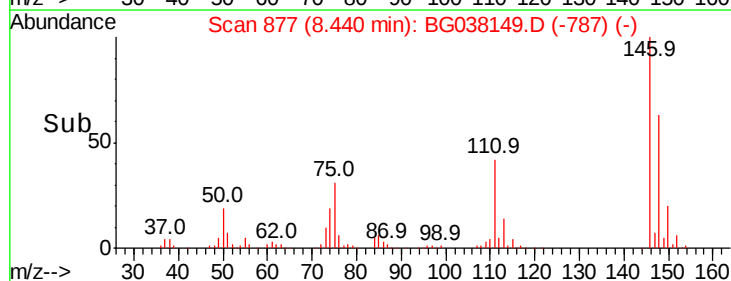
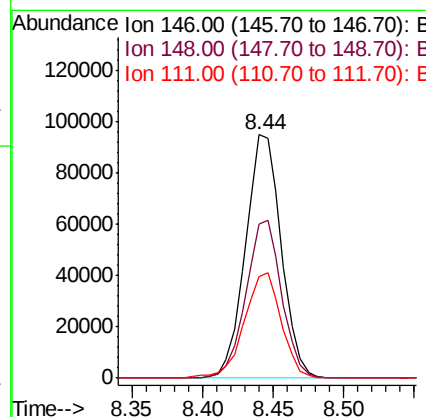
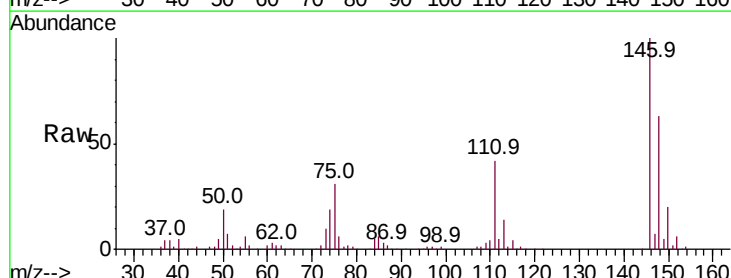
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#14
 1,2-Dichlorobenzene
 Concen: 43.357 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	41.8	34.6	51.8





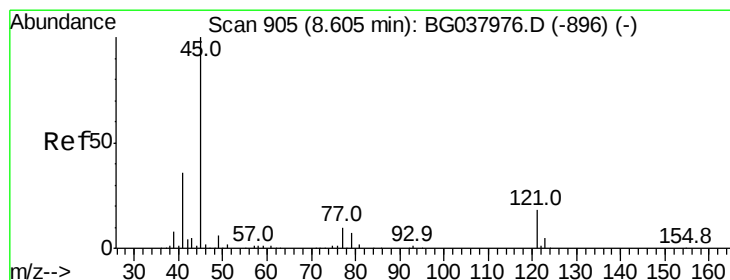
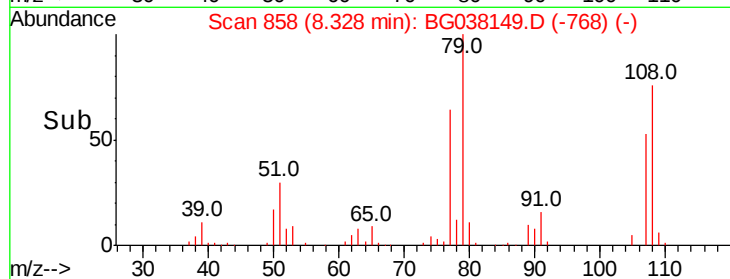
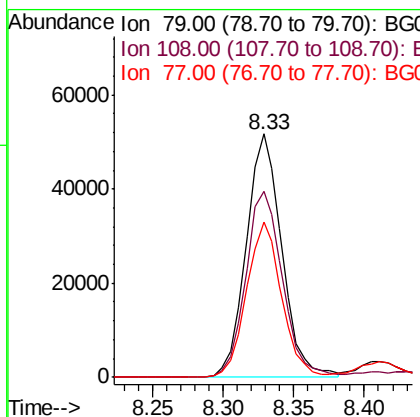
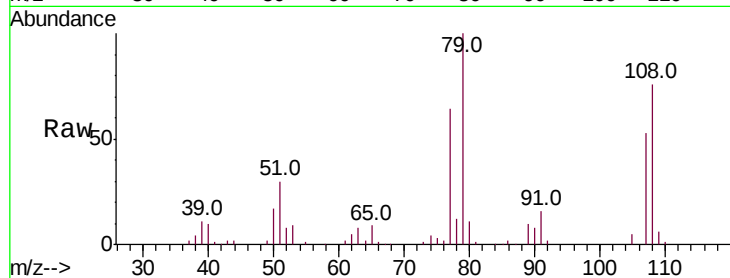
#15
Benzyl Alcohol
Concen: 29.319 ng
RT: 8.33 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	65.8	98.8
77	63.6	52.9	79.3

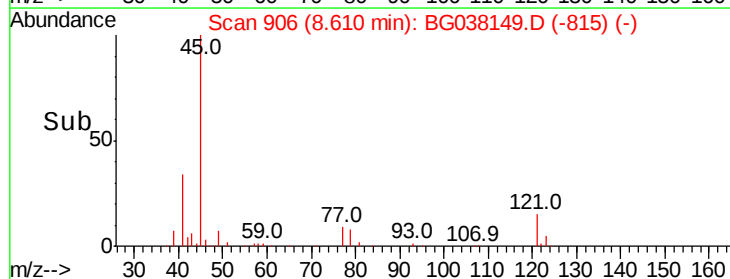
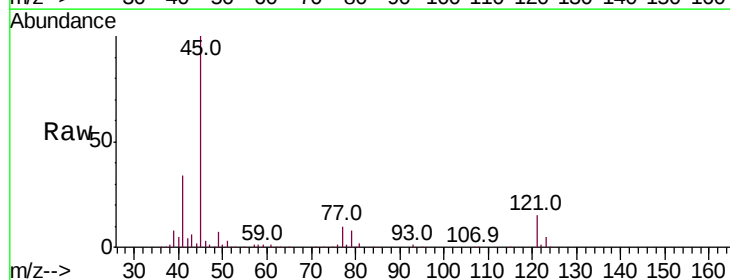
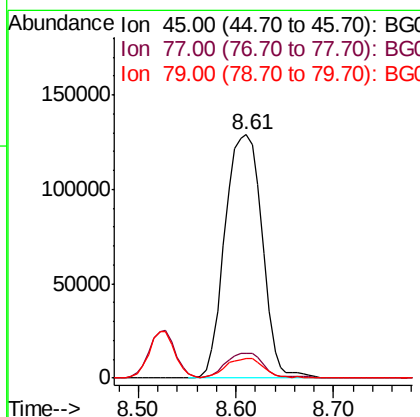
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.353 ng
RT: 8.61 min Scan# 906
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	30.0
79	8.0	0.0	29.0





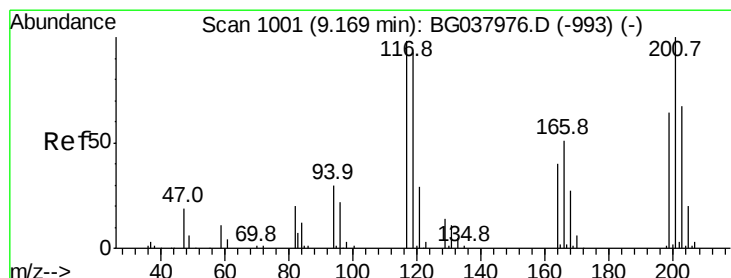
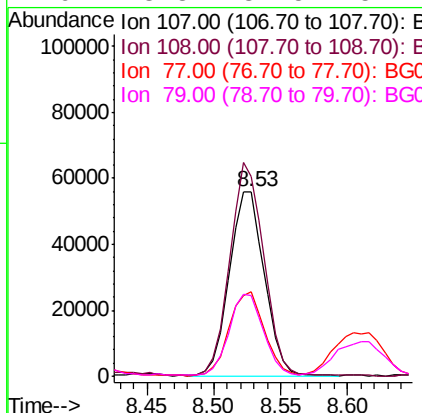
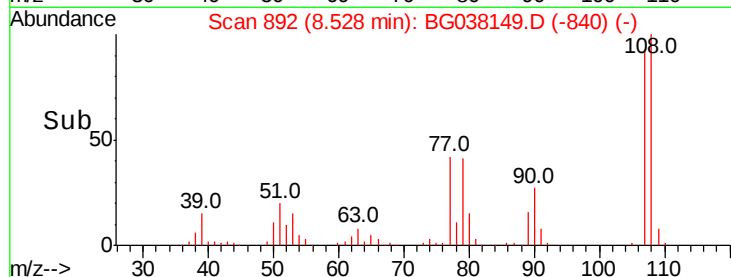
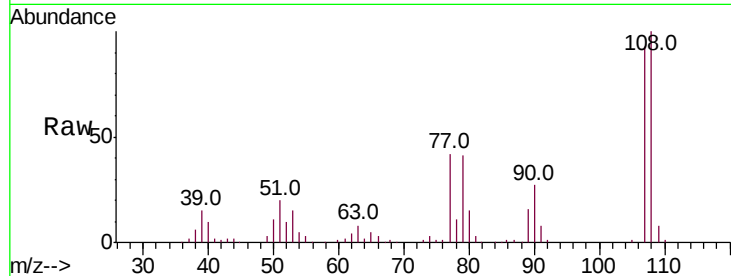
#17
2-Methylphenol
Concen: 33.162 ng
RT: 8.53 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.9	87.9	131.9
77	45.7	35.1	52.7
79	43.8	34.5	51.7

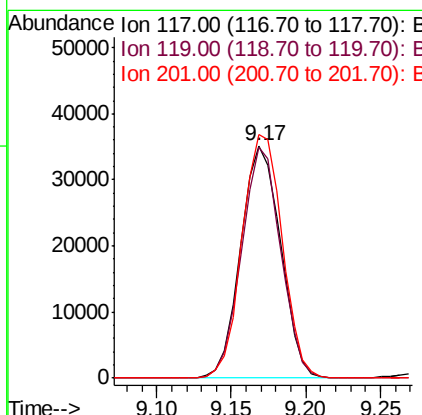
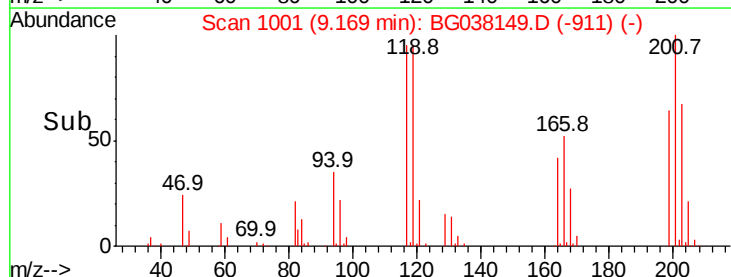
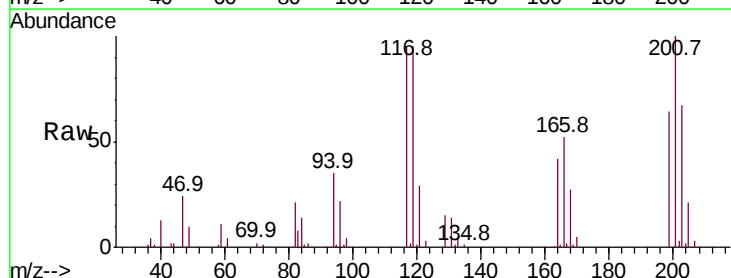
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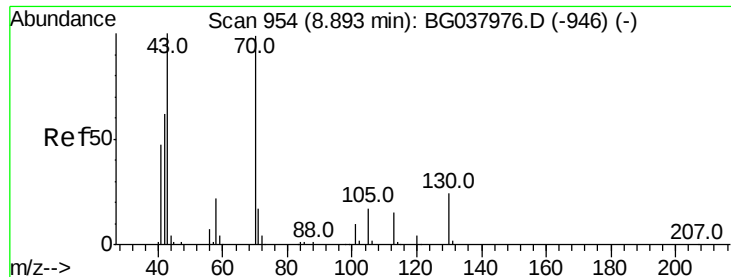
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#18
Hexachloroethane
Concen: 44.082 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	74.6	111.8
201	108.2	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.359 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

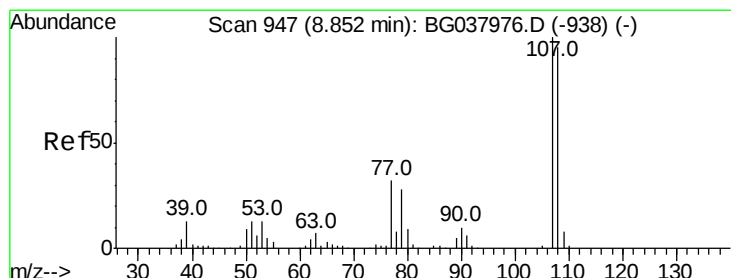
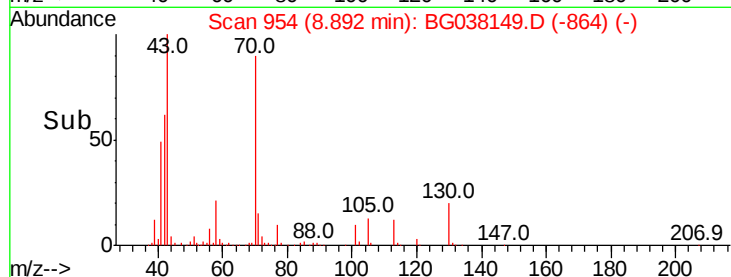
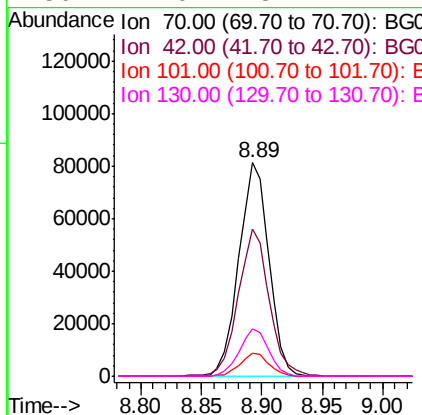
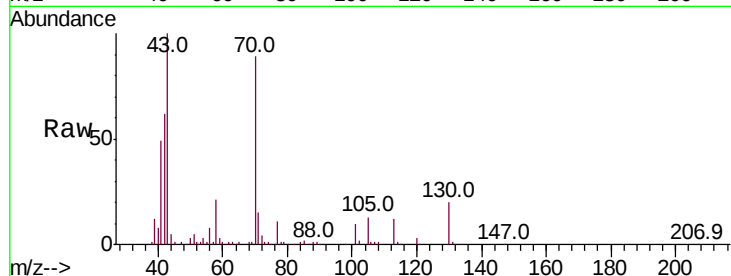
ClientSampleId :

MMTW-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.1	53.9	80.9	
101	10.8	8.2	12.2	
130	22.0	18.2	27.4	

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#20

3+4-Methylphenols

Concen: 28.656 ng

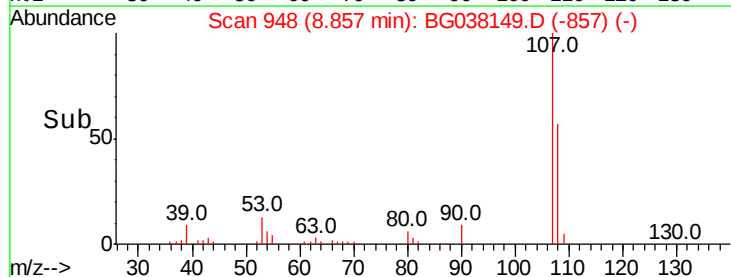
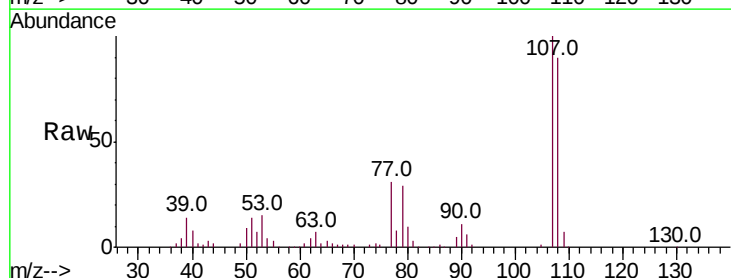
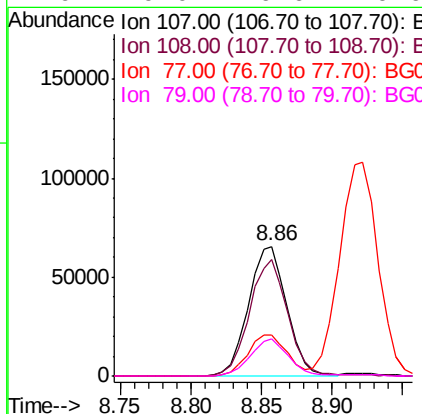
RT: 8.86 min Scan# 948

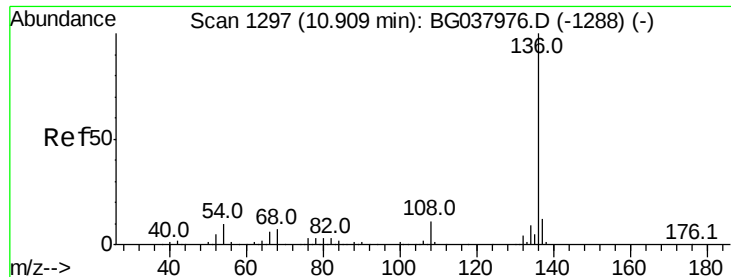
Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	69.9	109.9	
77	31.5	11.2	51.2	
79	29.0	6.6	46.6	





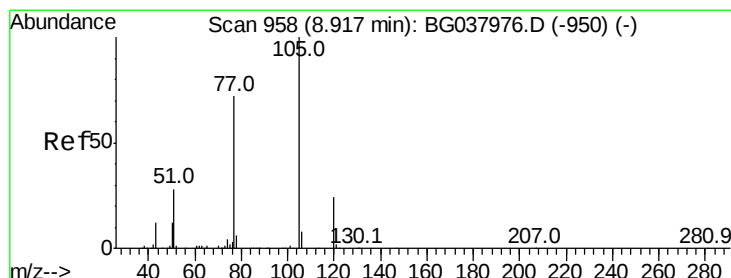
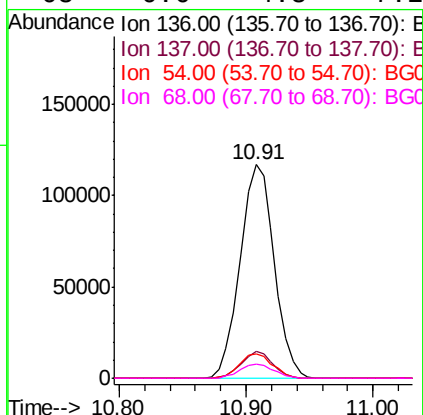
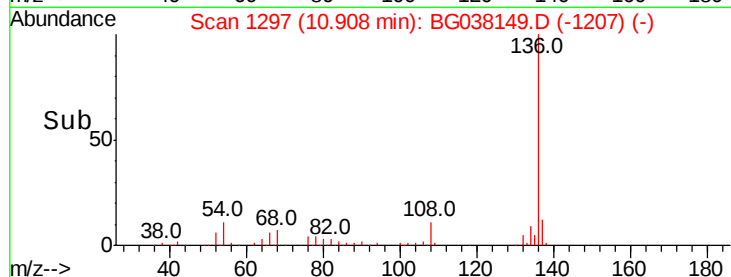
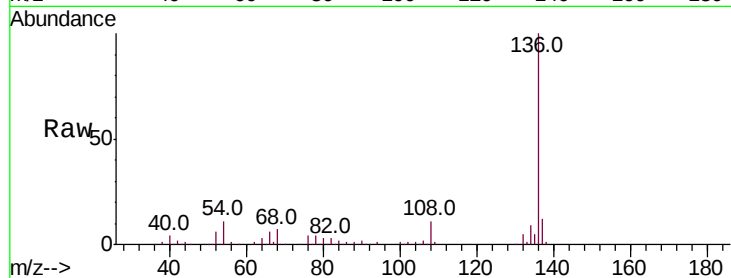
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	218242		
137	12.5	9.6	14.4	
54	11.3	7.9	11.9	
68	6.6	4.8	7.2	

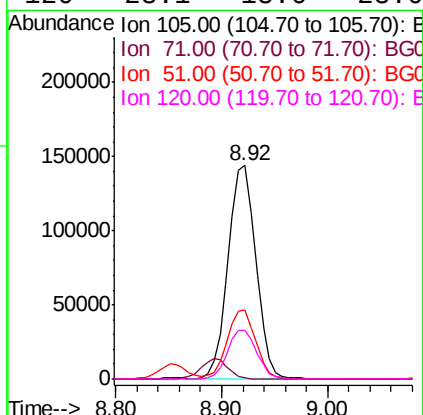
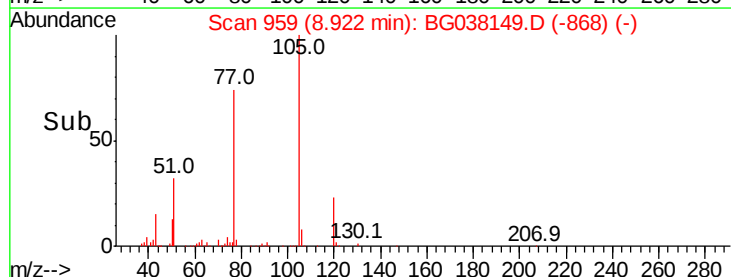
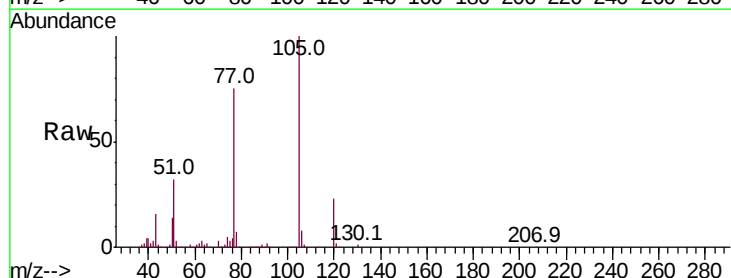
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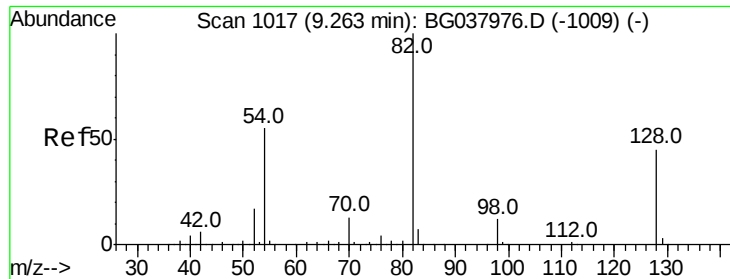
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#22
Acetophenone
Concen: 48.447 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263065		
71	0.5	1.2	1.8#	
51	32.1	25.0	37.6	
120	23.1	18.6	28.0	





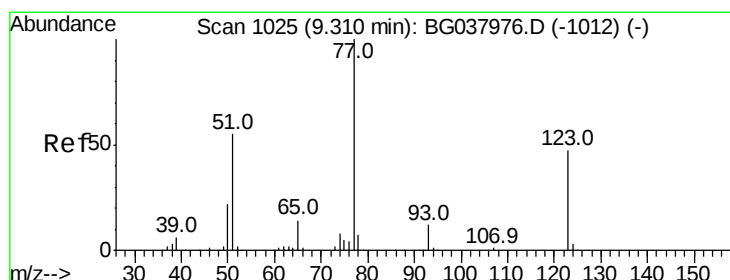
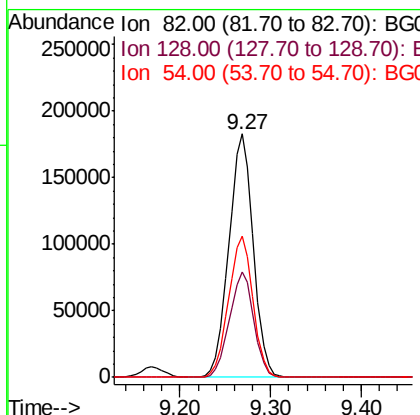
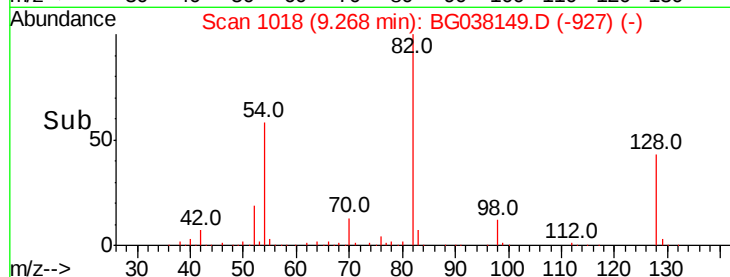
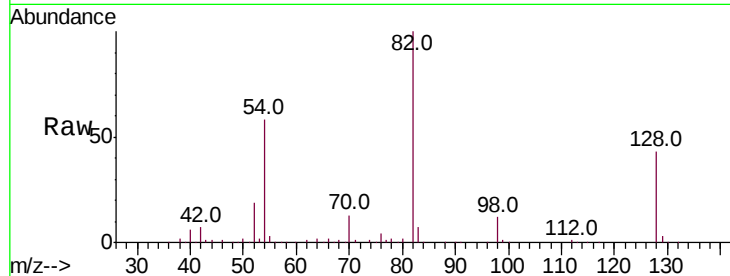
#23
Nitrobenzene-d5
Concen: 83.862 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	58.0	45.3	67.9

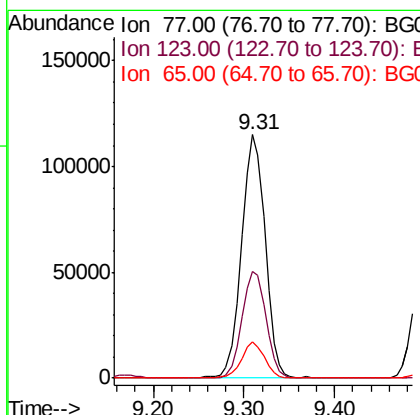
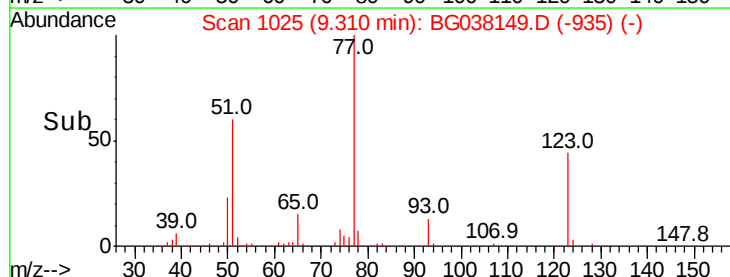
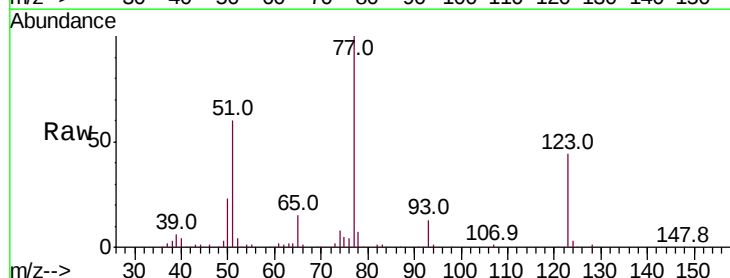
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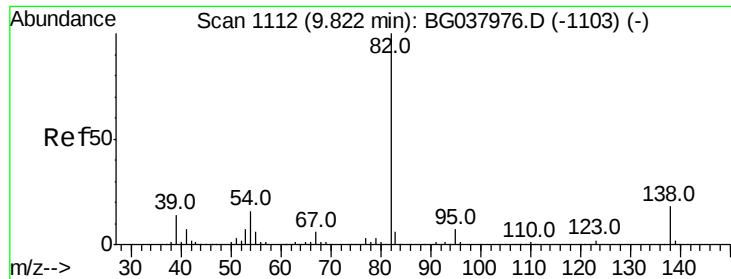
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#24
Nitrobenzene
Concen: 50.030 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	33.6	50.4
65	14.9	11.3	16.9





#25

Isophorone

Concen: 53.820 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

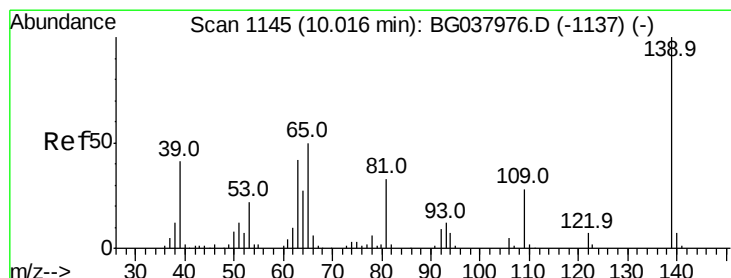
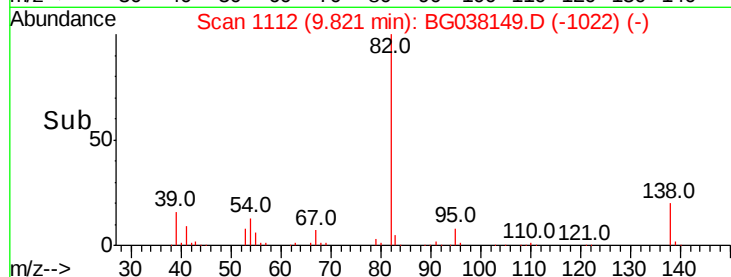
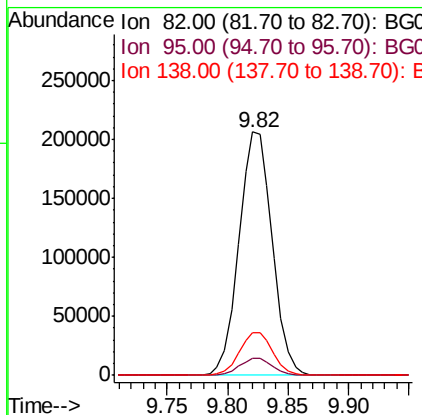
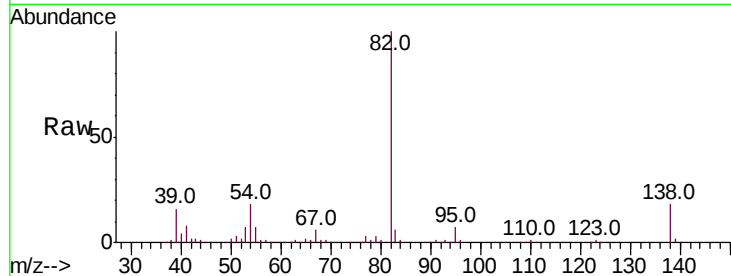
ClientSampleId :

MMTW-01MSD

Tot Ion:	82	Resp:	394937
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	17.7	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.098 ng

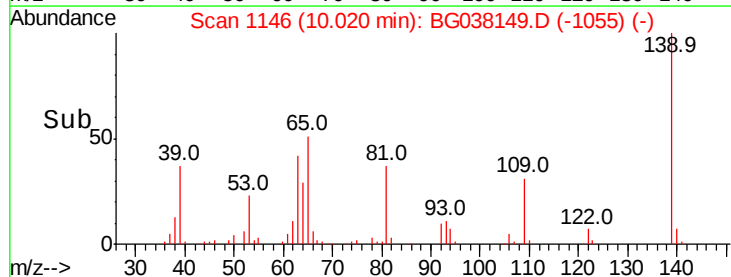
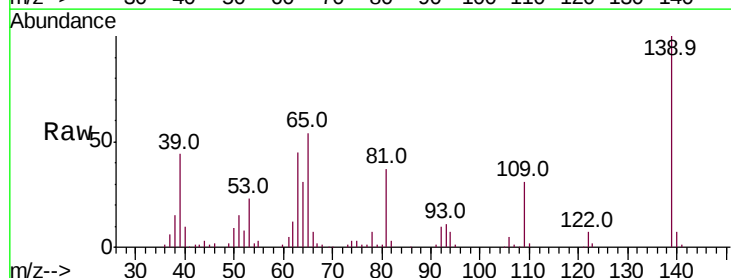
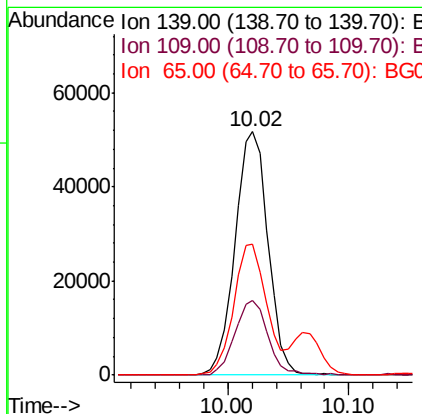
RT: 10.02 min Scan# 1146

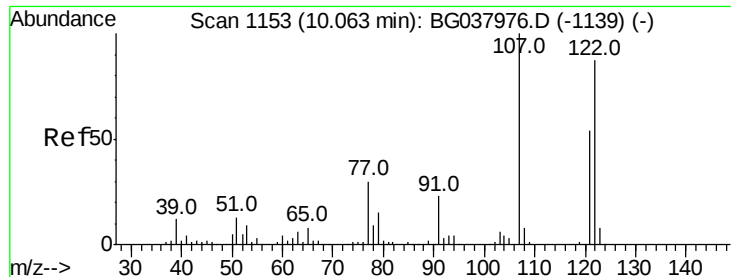
Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Tgt Ion:	139	Resp:	98061
Ion Ratio	Lower	Upper	
139	100		
109	30.7	23.3	34.9
65	53.9	39.8	59.8





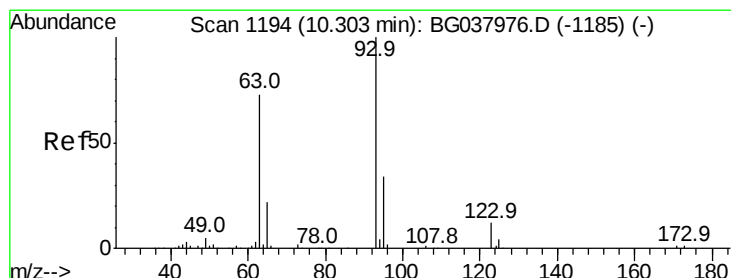
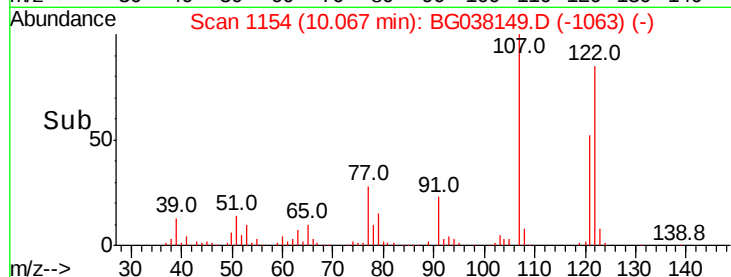
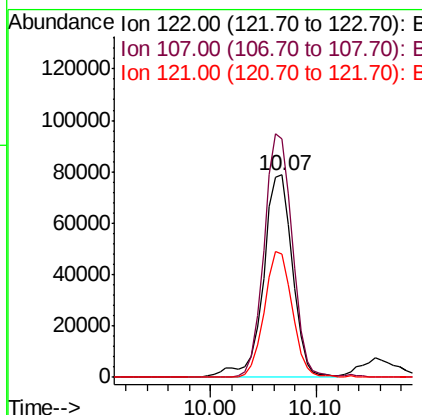
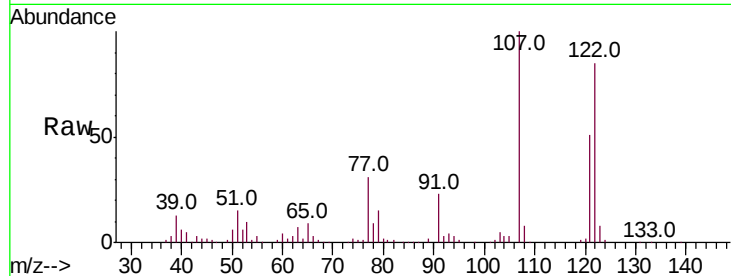
#27
2,4-Dimethylphenol
Concen: 48.127 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		150976		
107	118.1	94.2	141.2		
121	60.7	47.3	70.9		

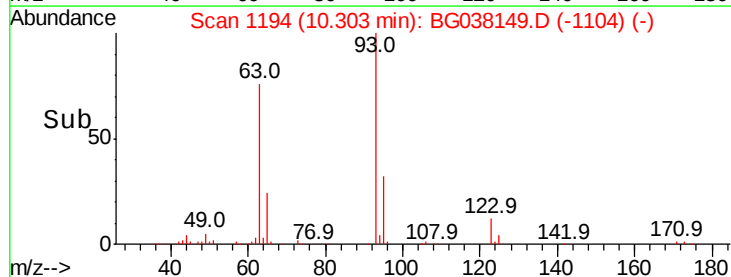
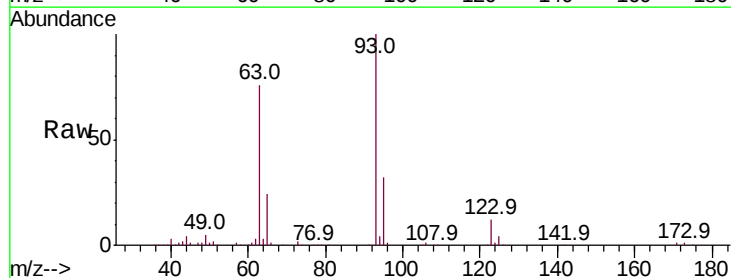
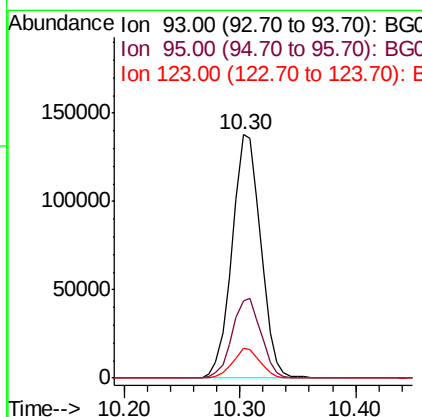
Manual Integrations
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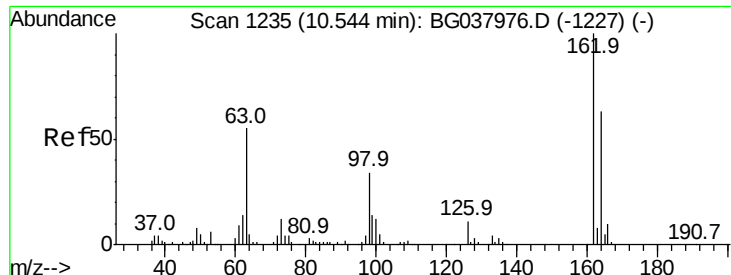
mohammad
11/27/2018 2:06:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.624 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		237546		
95	31.9	24.6	37.0		
123	12.1	9.1	13.7		





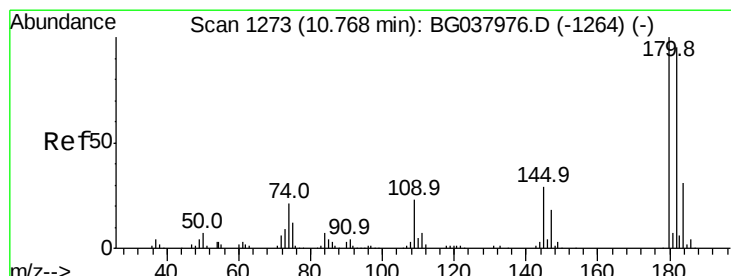
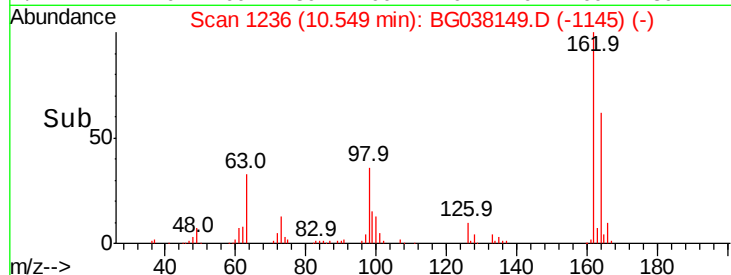
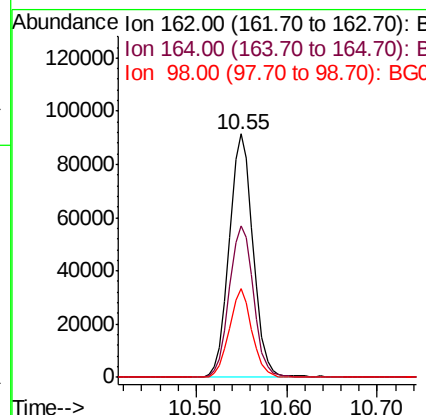
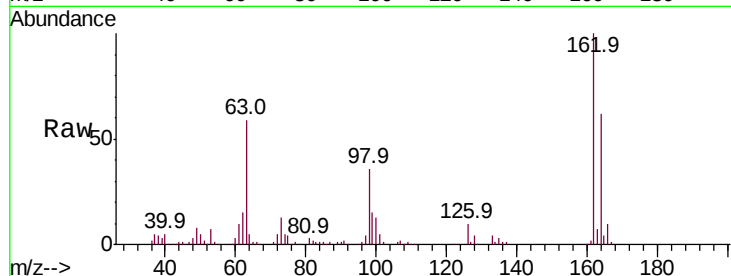
#29
 2,4-Dichlorophenol
 Concen: 47.292 ng
 RT: 10.55 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	166871		
164	62.1	43.2	83.2	
98	36.2	16.0	56.0	

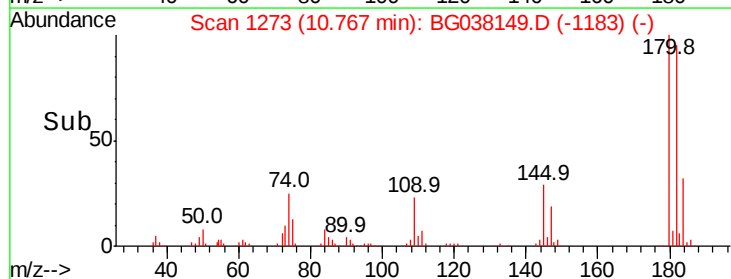
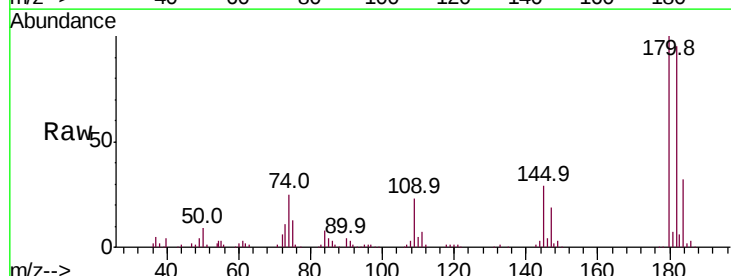
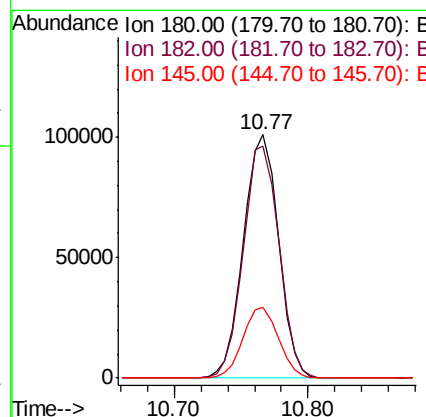
Manual Integrations
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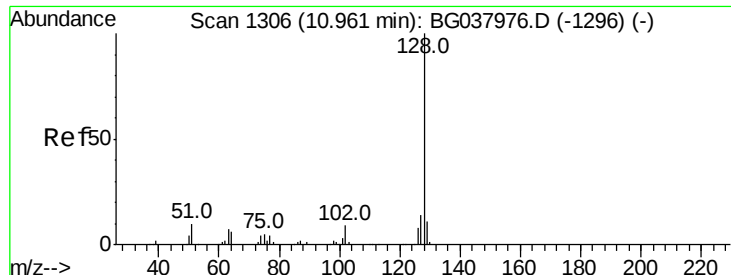
mohammad
 11/27/2018 2:06:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.587 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	184206		
182	95.2	77.7	116.5	
145	29.2	23.3	34.9	





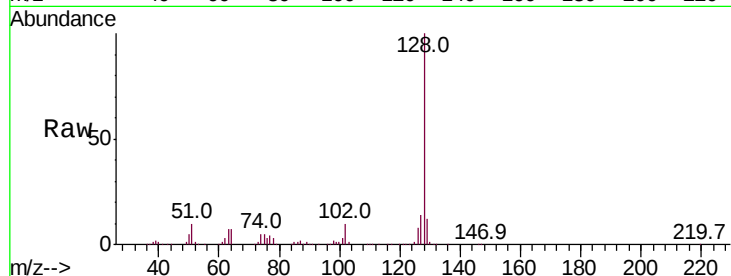
#31
Naphthalene
Concen: 50.711 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.3	11.1	16.7

Manual Integrations
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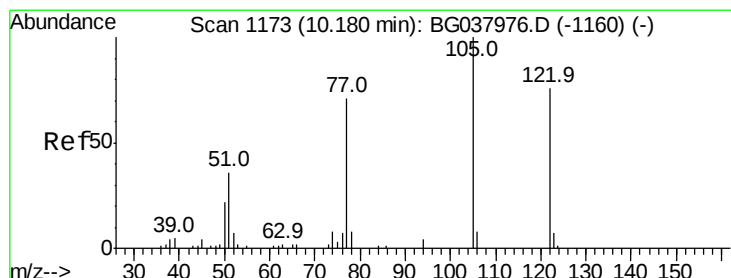
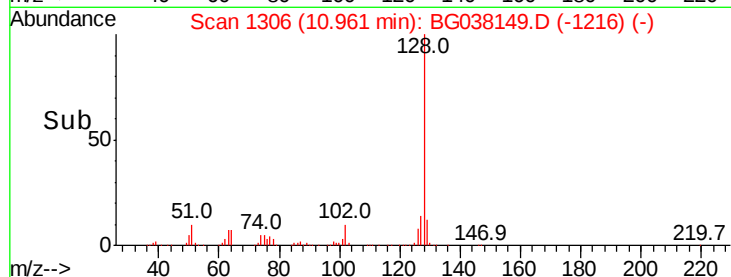
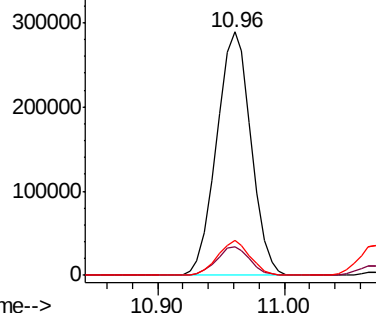


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 19.837 ng m
RT: 10.16 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

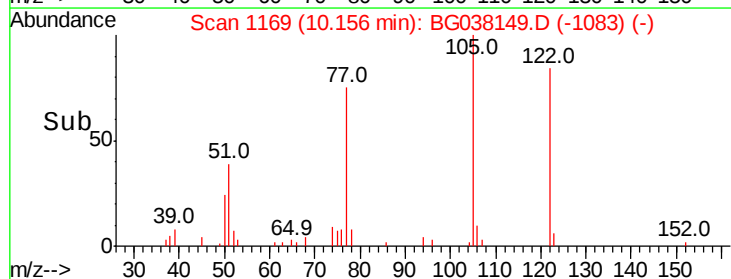
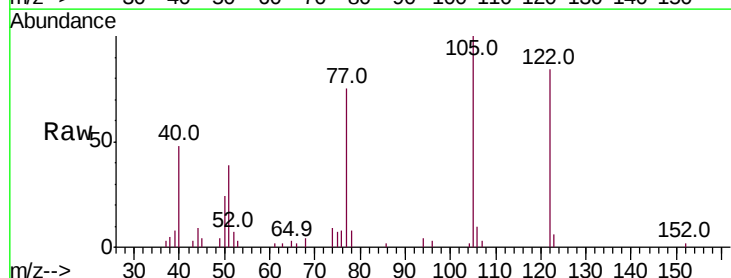
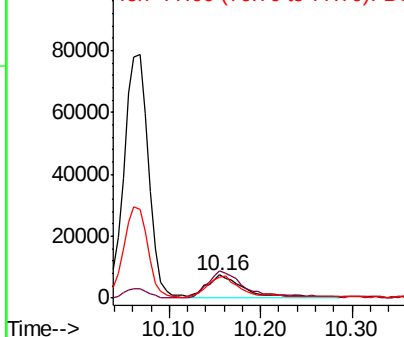
Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.6	106.7	146.7
77	89.4	72.2	112.2

Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





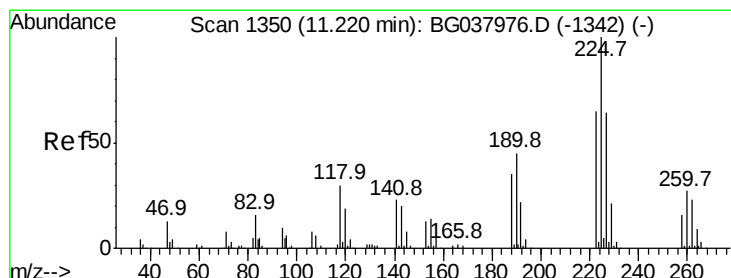
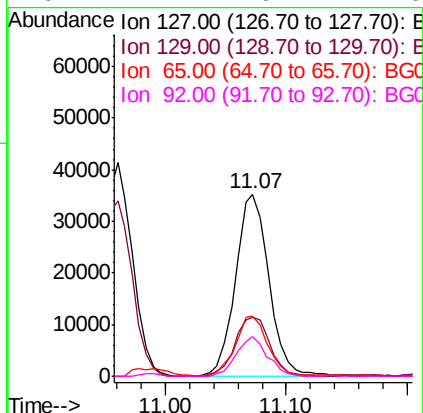
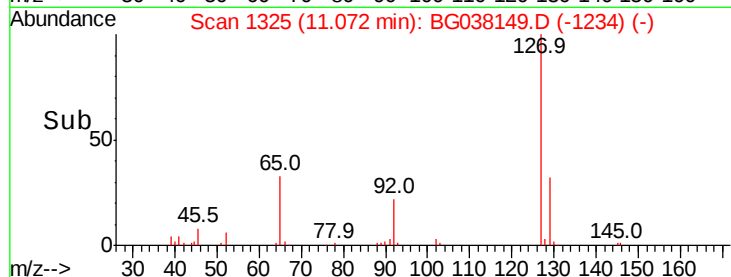
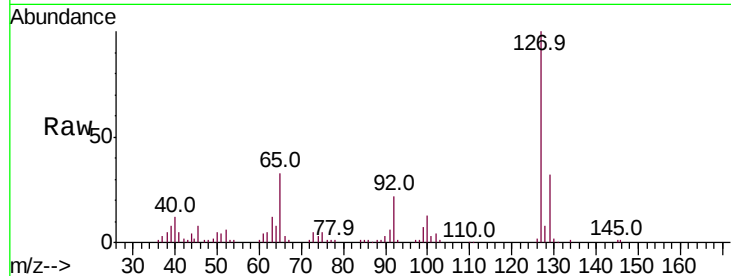
#33
4-Chloroaniline
Concen: 13.591 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.1	40.7
65	33.3	26.6	39.8
92	22.1	16.4	24.6

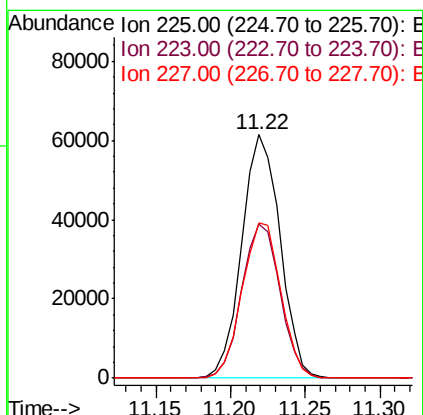
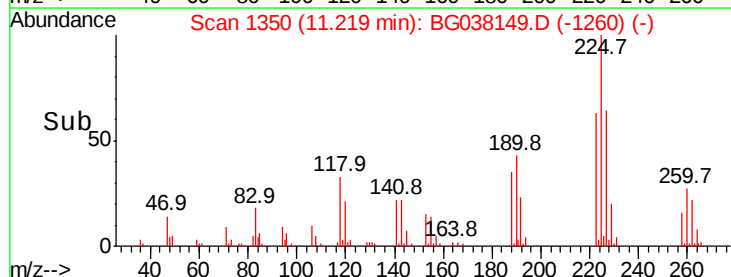
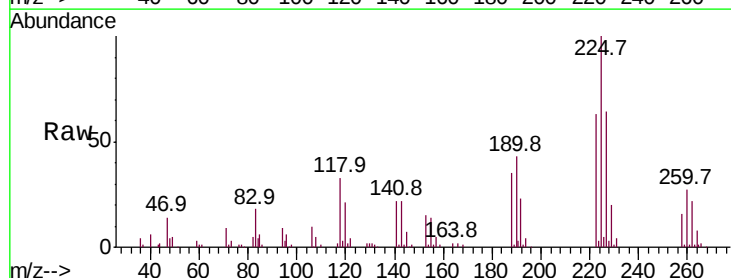
Manual Integrations
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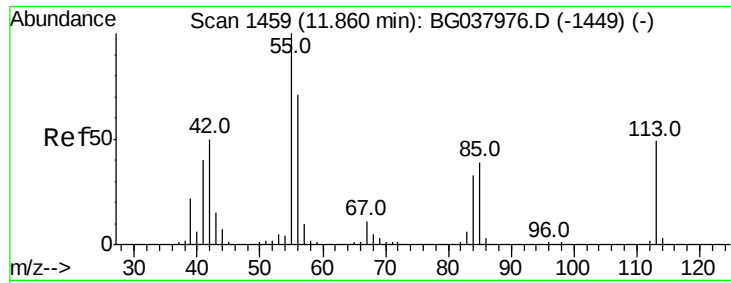
mohammad
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#34
Hexachlorobutadiene
Concen: 44.926 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.2	72.4
227	60.9	51.6	77.4





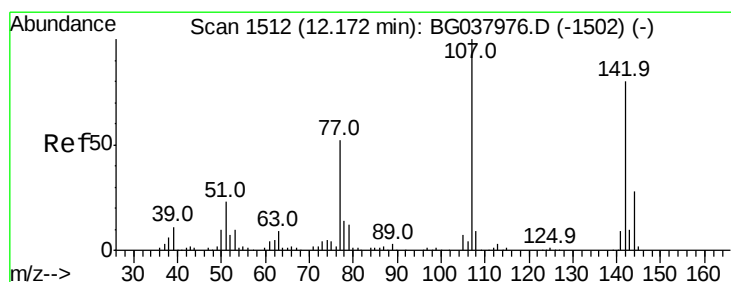
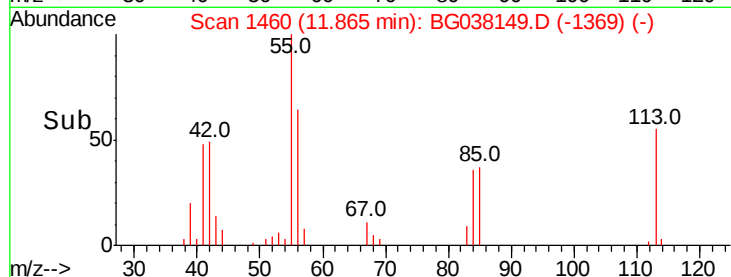
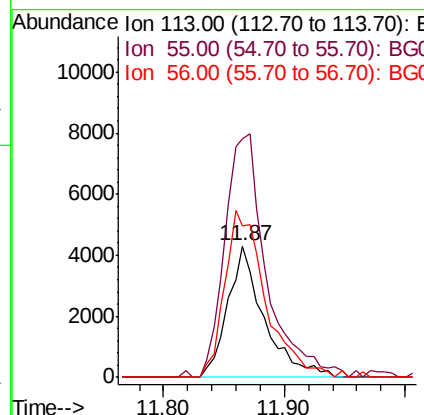
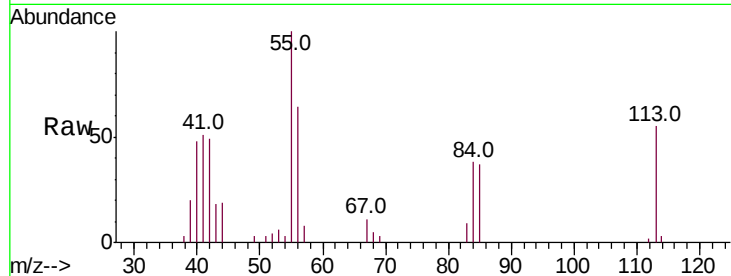
#35
Caprolactam
Concen: 6.365 ng
RT: 11.87 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion:113 Resp: 8990
Ion Ratio Lower Upper
113 100
55 181.1 176.6 216.6
56 115.4 128.3 168.3#

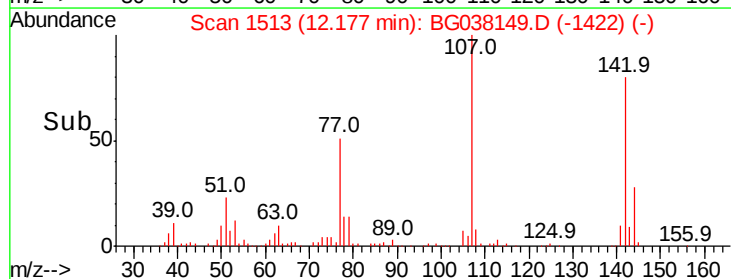
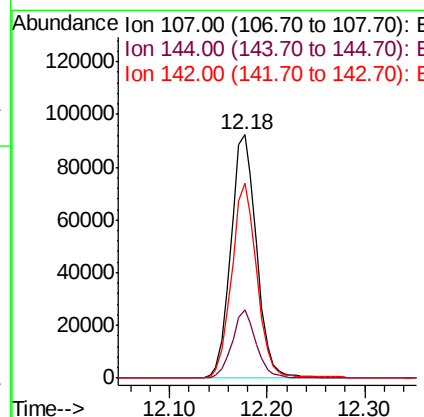
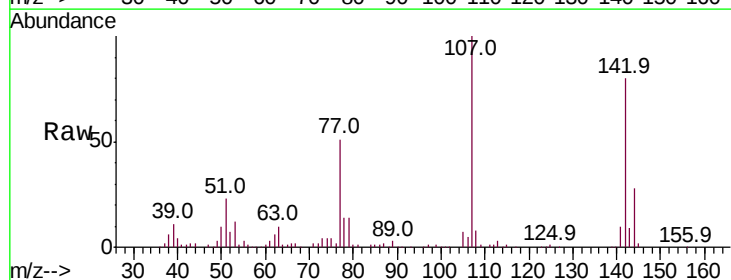
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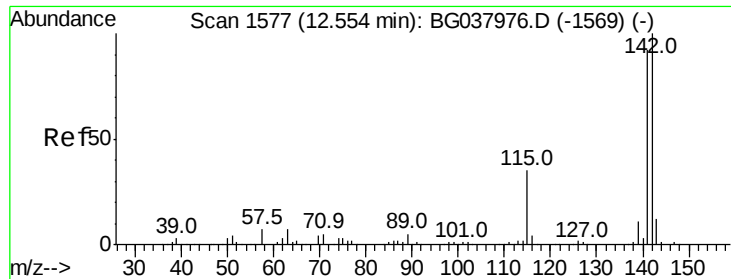
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.631 ng
RT: 12.18 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion:107 Resp: 168196
Ion Ratio Lower Upper
107 100
144 28.0 20.7 31.1
142 80.2 64.4 96.6





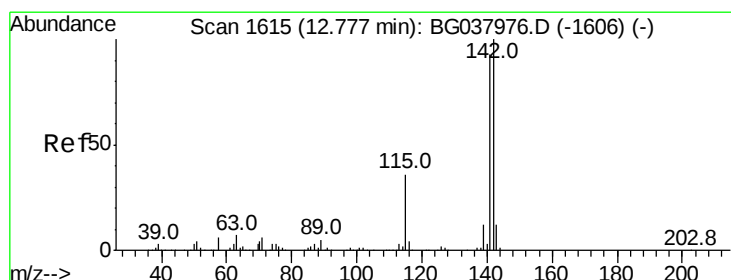
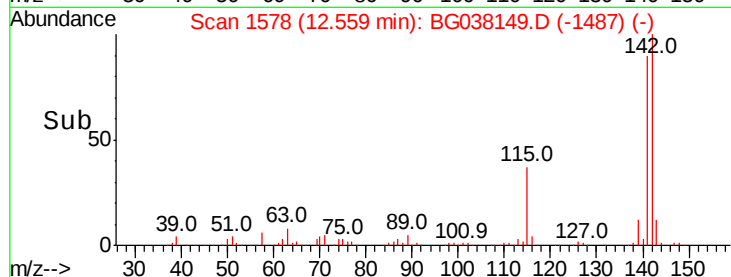
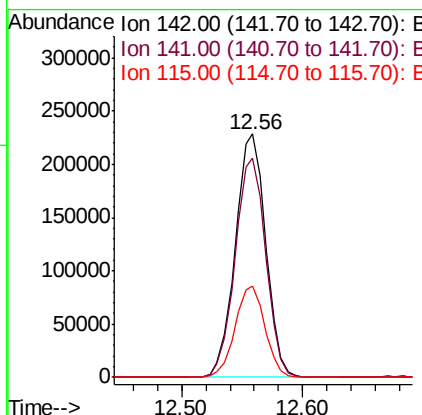
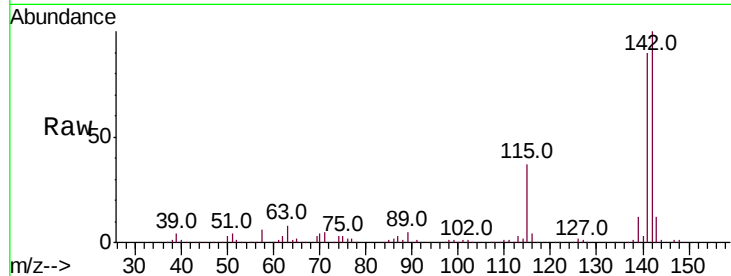
#37
2-Methylnaphthalene
Concen: 51.927 ng
RT: 12.56 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
115	37.4	27.8	41.8

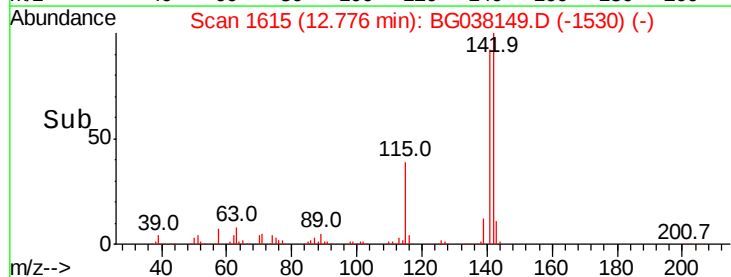
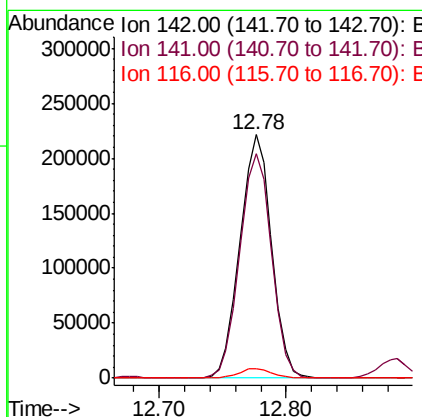
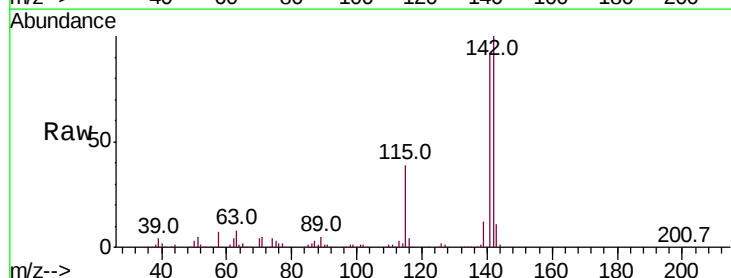
Manual Integrations
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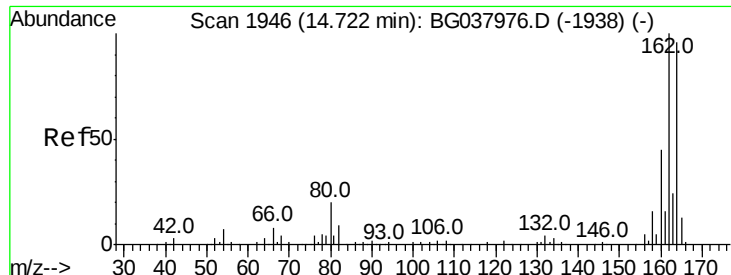
mohammad
11/27/2018 2:06:02 PM



#38
1-Methylnaphthalene
Concen: 51.295 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.2	112.8
116	4.1	3.3	4.9





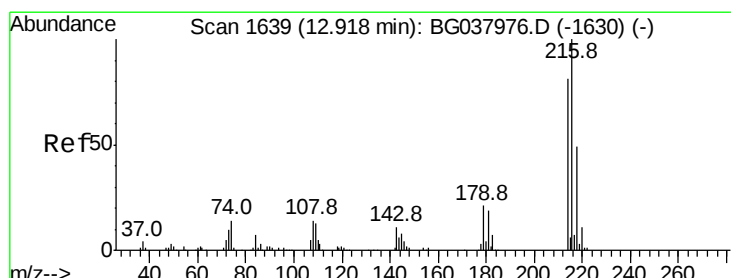
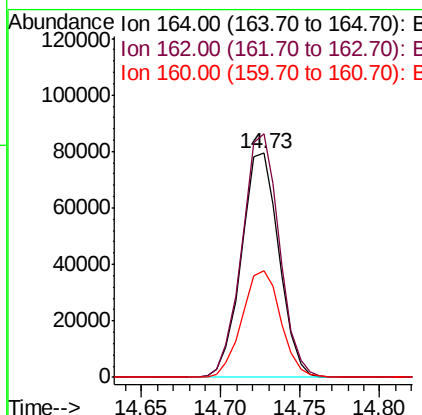
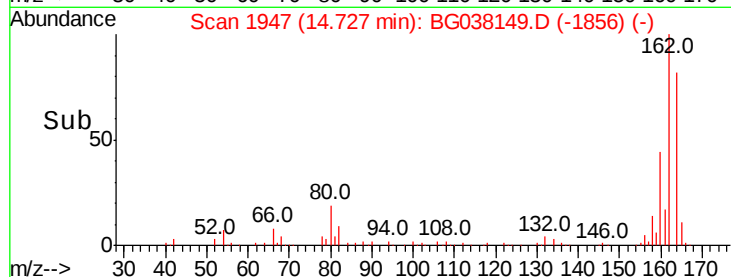
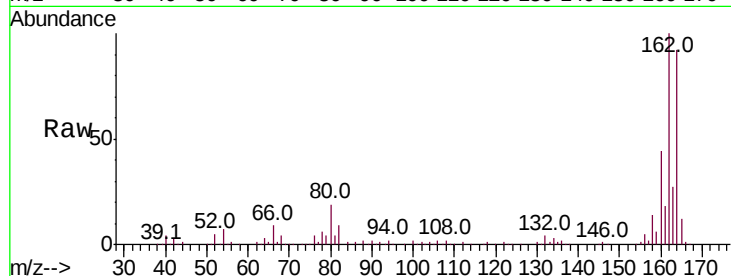
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.5	81.3	121.9
160	47.5	36.3	54.5

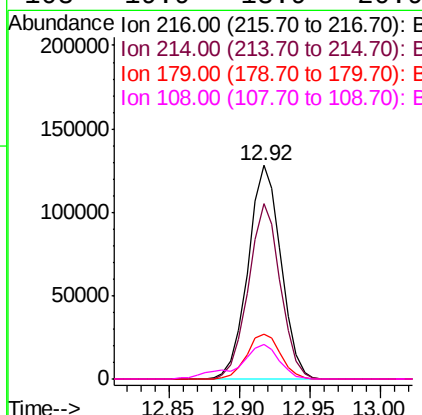
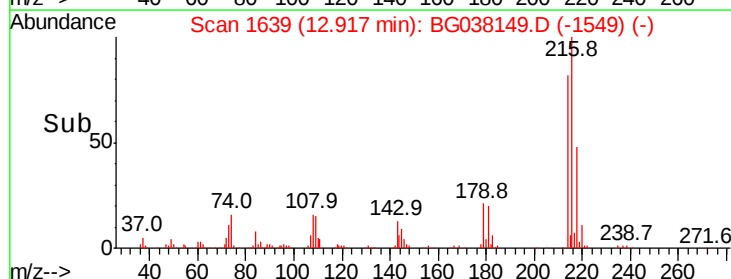
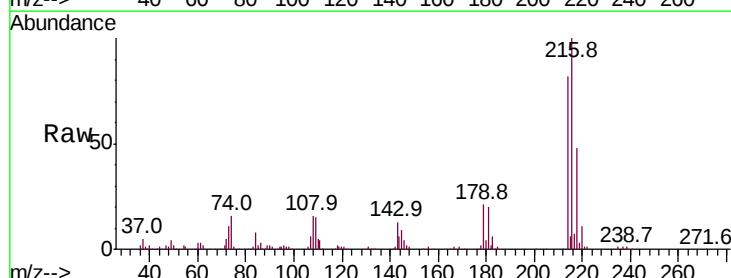
Manual Integrations
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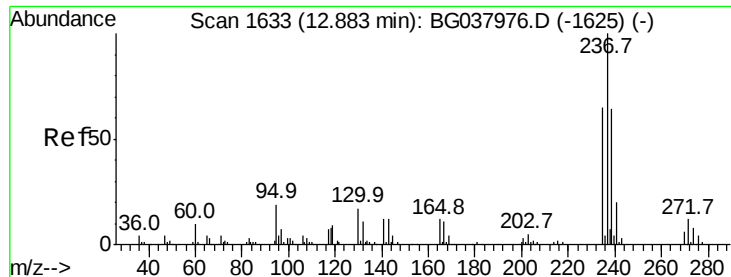
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.829 ng
RT: 12.92 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.6
179	21.6	17.4	26.0
108	19.9	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 105.988 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

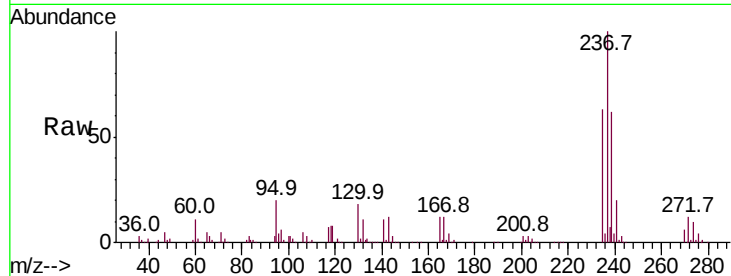
ClientSampleId :

MMTW-01MSD

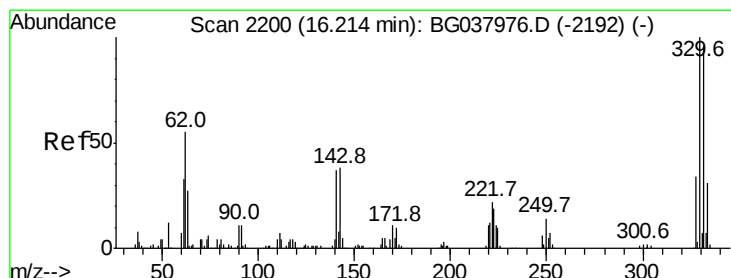
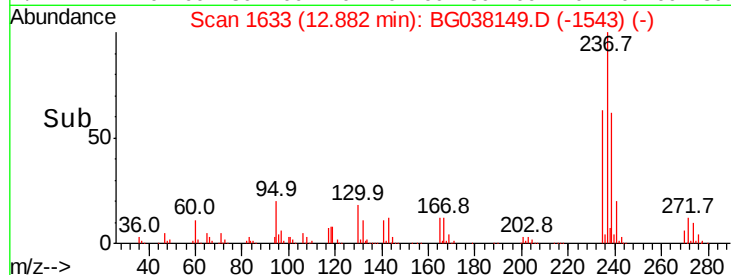
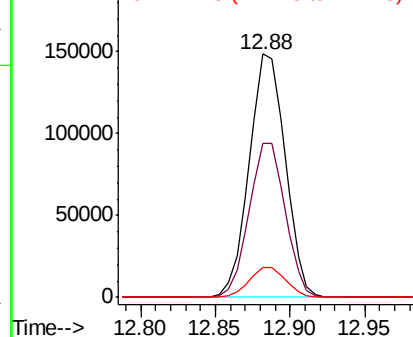
Tot Ion:	237	Resp:	247885
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.5	82.5
272	12.1	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 117.905 ng

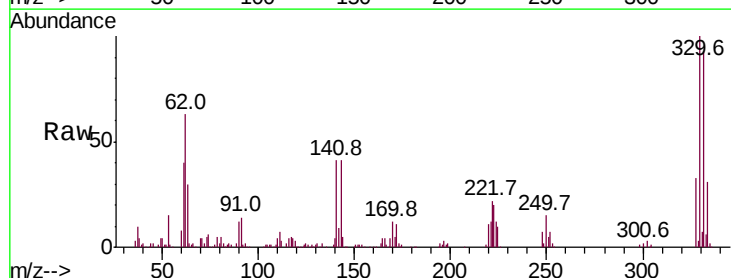
RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

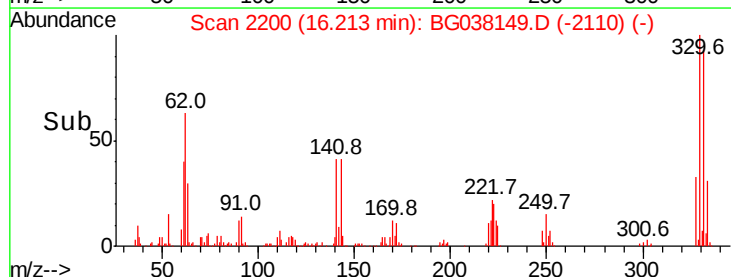
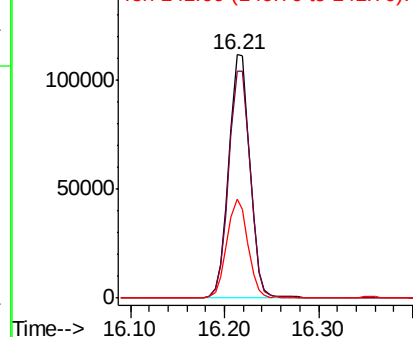
Lab File: BG038149.D

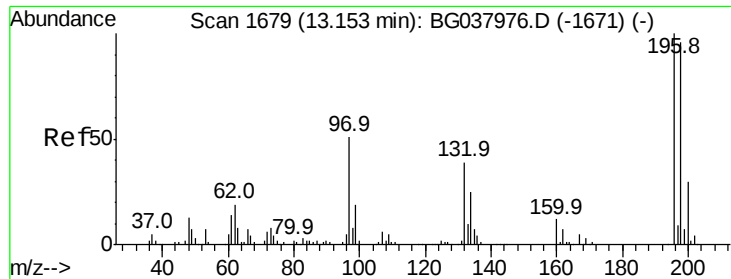
Acq: 27 Nov 2018 00:01

Tgt Ion:	330	Resp:	175761
Ion Ratio	Lower	Upper	
330	100		
332	95.5	78.4	117.6
141	40.8	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





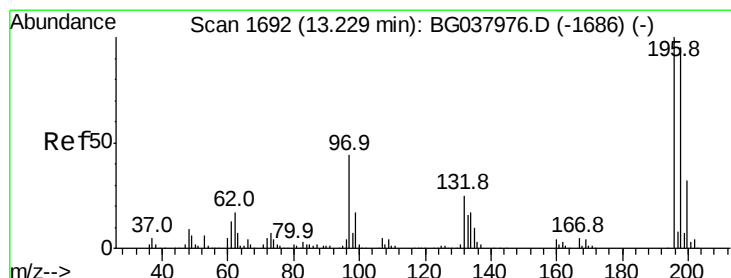
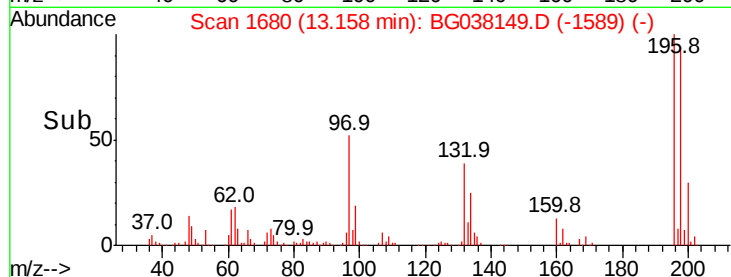
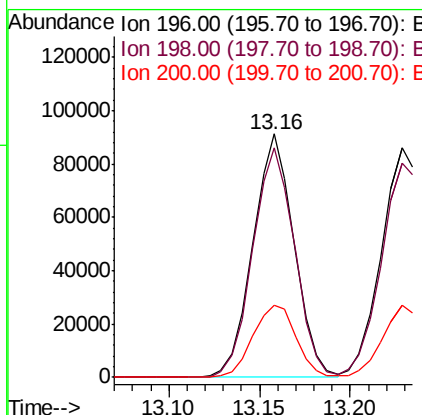
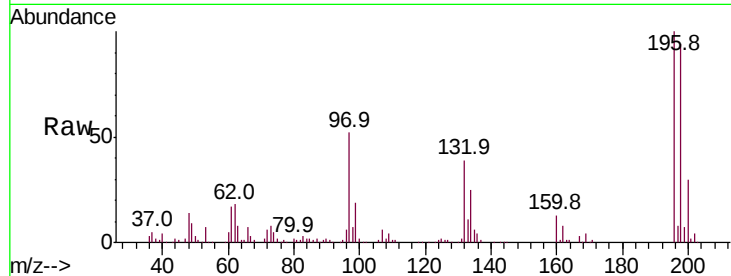
#43
 2,4,6-Trichlorophenol
 Concen: 48.416 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	144102		
198	94.1	76.4	114.6	
200	29.8	24.9	37.3	

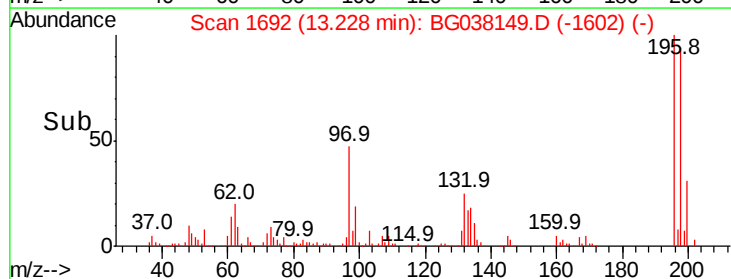
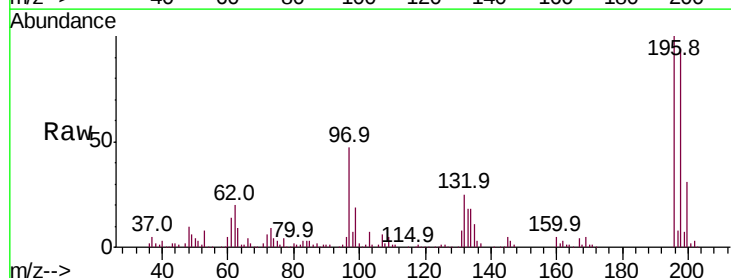
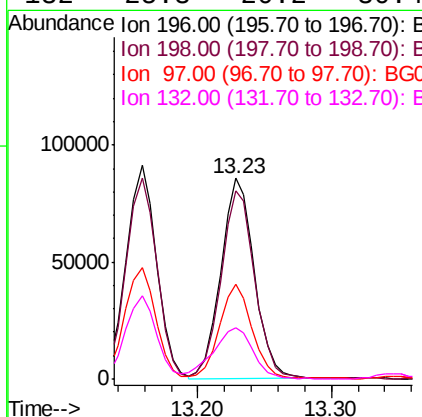
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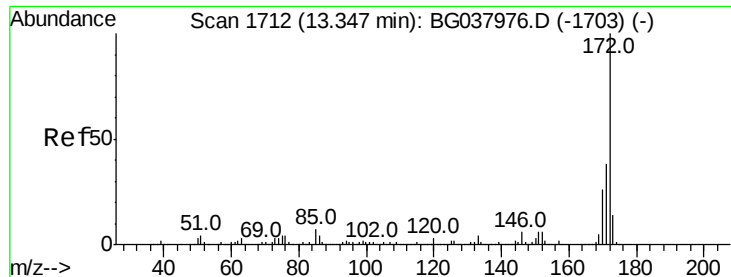
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.898 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	150000		
198	93.8	74.2	111.2	
97	47.0	34.1	51.1	
132	25.3	20.2	30.4	





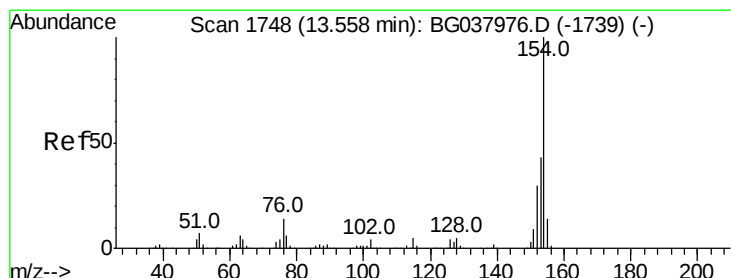
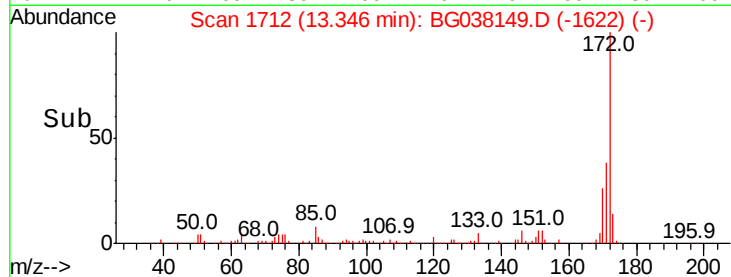
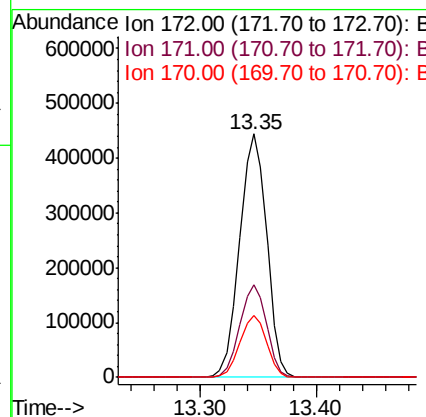
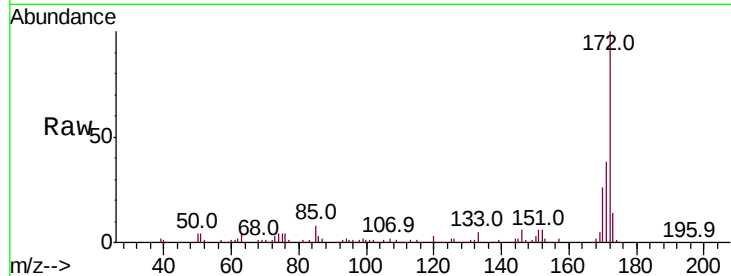
#45
2-Fluorobiphenyl
Concen: 80.187 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.5	20.2	30.2

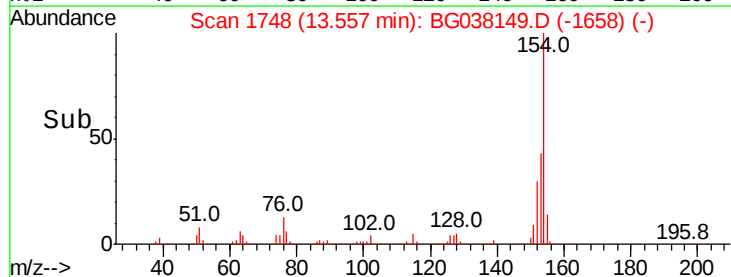
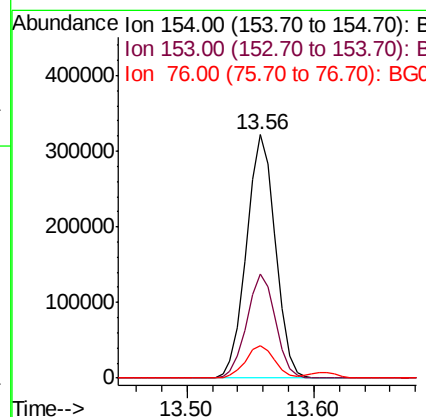
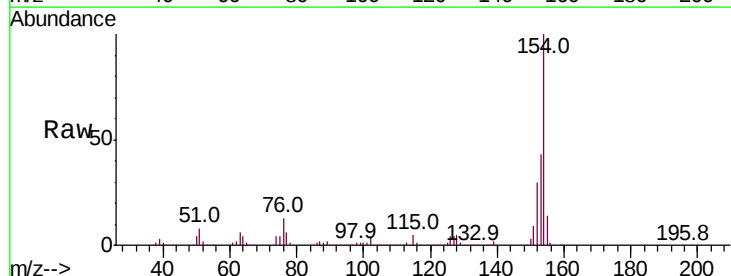
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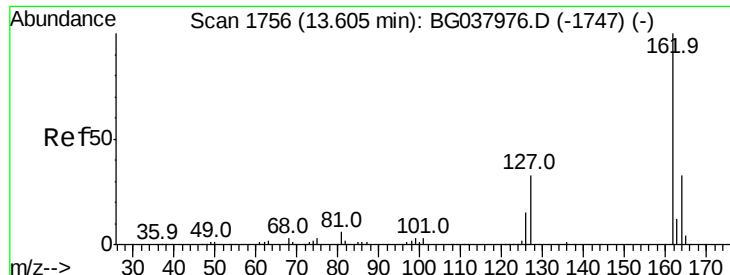
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#46
1,1'-Biphenyl
Concen: 46.253 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	13.3	0.0	33.2





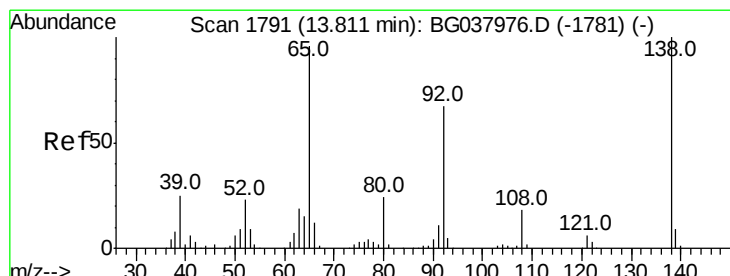
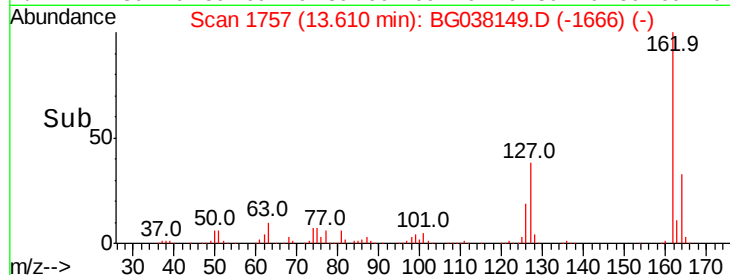
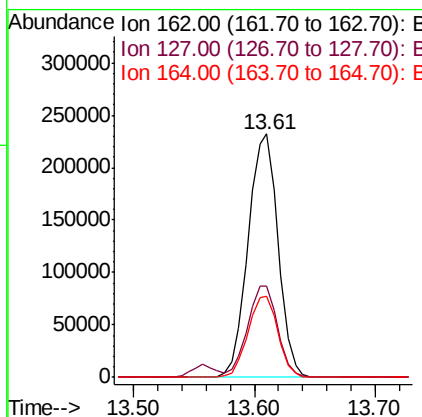
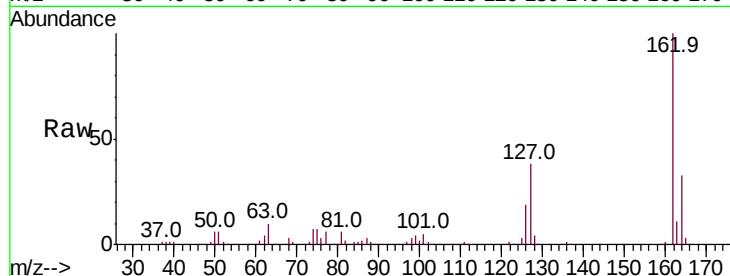
#47
 2-Chloronaphthalene
 Concen: 47.837 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01MSD

Tot Ion:	162	Resp:	400849
Ion Ratio	Lower	Upper	
162	100		
127	37.6	30.5	45.7
164	33.3	26.4	39.6

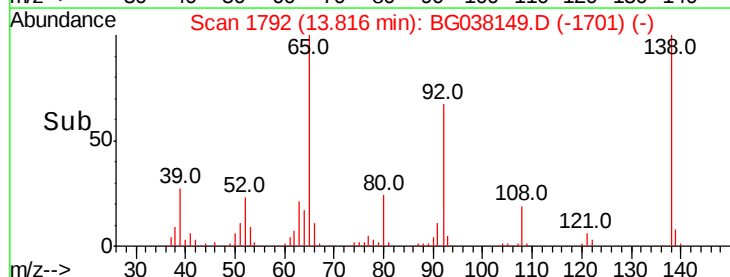
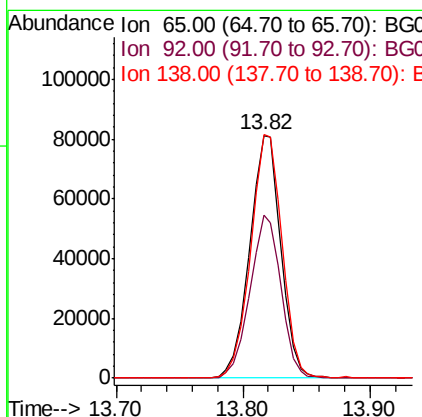
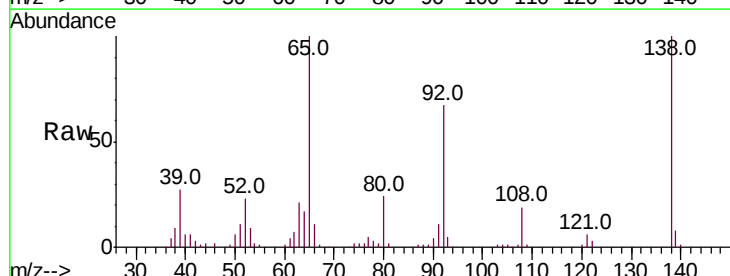
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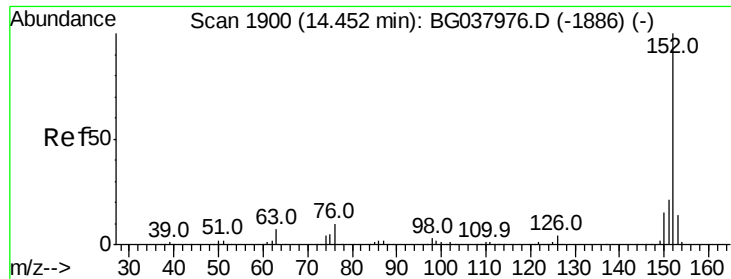
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#48
 2-Nitroaniline
 Concen: 52.722 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Tgt Ion:	65	Resp:	139041
Ion Ratio	Lower	Upper	
65	100		
92	67.1	53.2	79.8
138	100.5	79.3	118.9





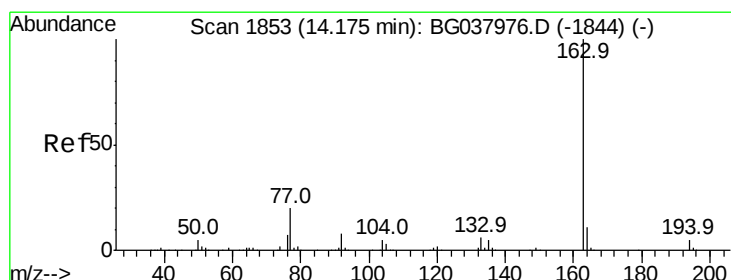
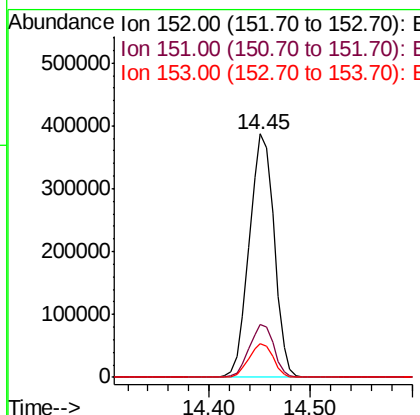
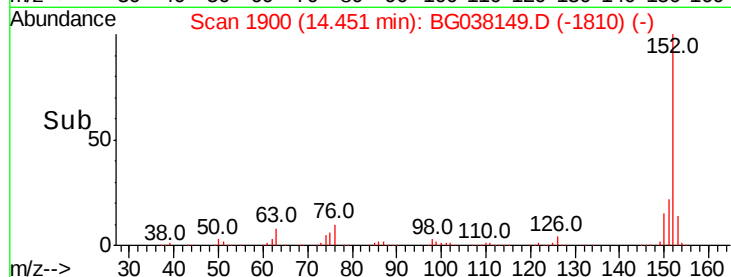
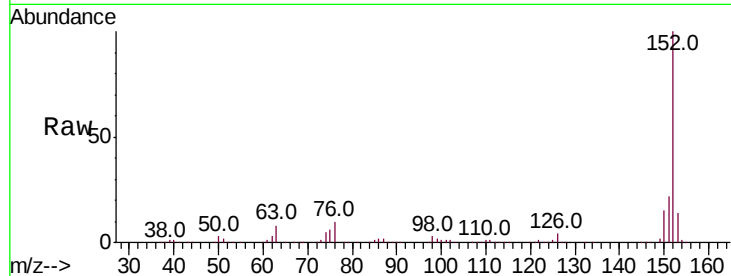
#49
Acenaphthylene
Concen: 52.477 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.1	25.7
153	13.9	11.1	16.7

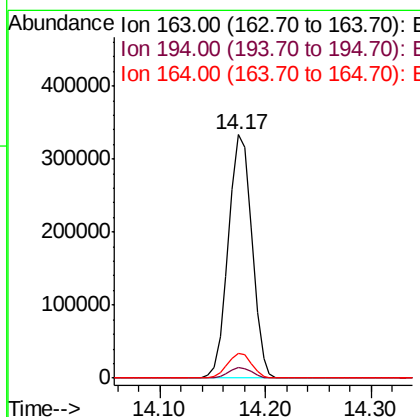
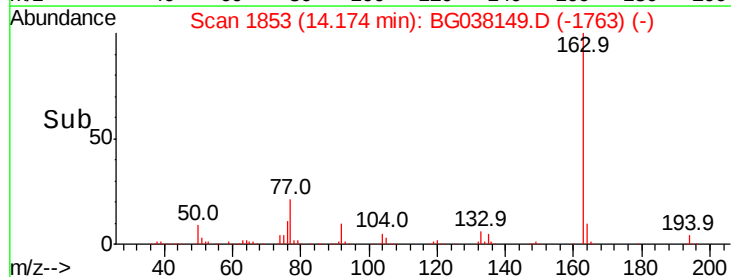
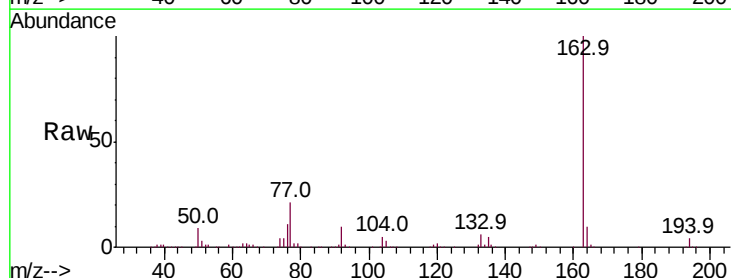
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#50
Dimethylphthalate
Concen: 49.431 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.4	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 50.124 ng

RT: 14.31 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

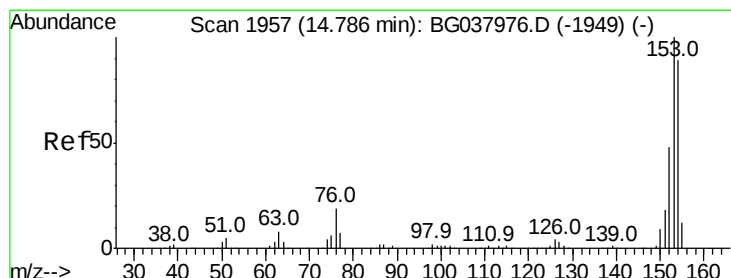
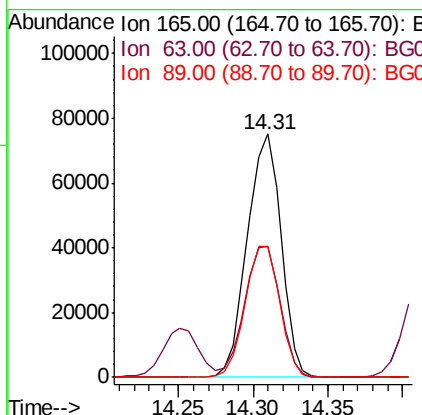
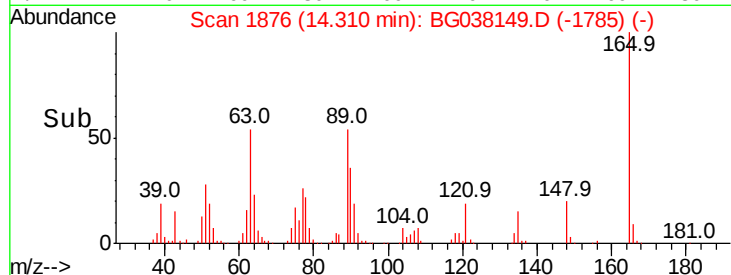
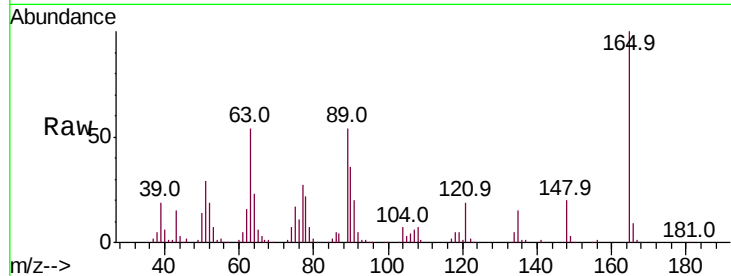
ClientSampleId :

MMTW-01MSD

Tot Ion:	165	Resp:	117555
Ion Ratio	Lower	Upper	
165	100		
63	54.0	43.4	65.2
89	54.0	45.8	68.6

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#52

Acenaphthene

Concen: 50.351 ng

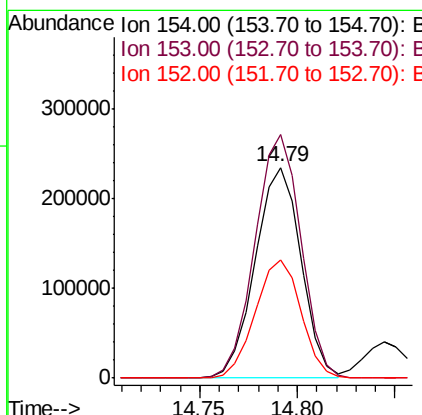
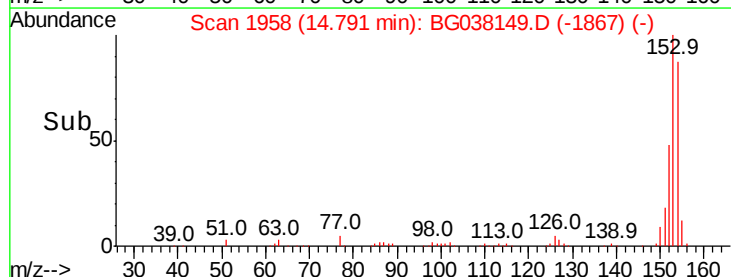
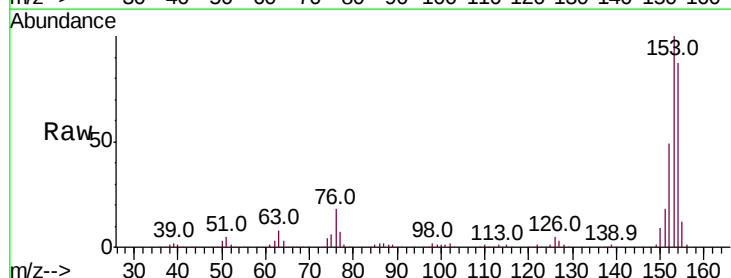
RT: 14.79 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Tgt Ion:	154	Resp:	381961
Ion Ratio	Lower	Upper	
154	100		
153	115.6	93.4	140.0
152	56.3	44.7	67.1





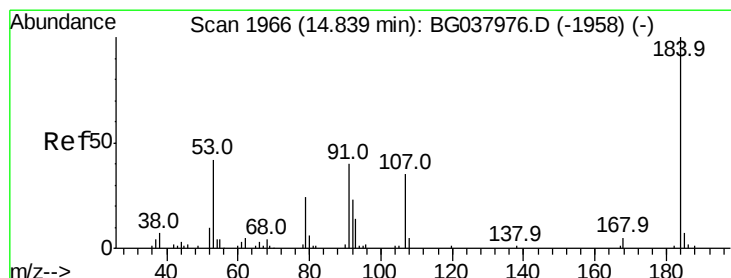
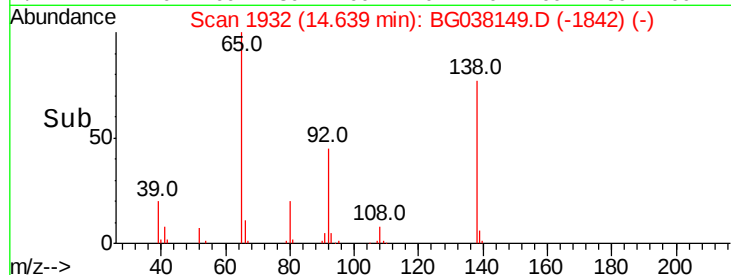
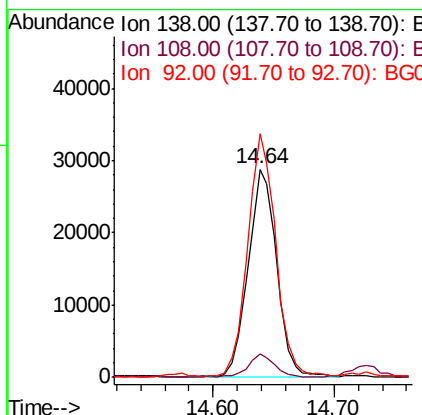
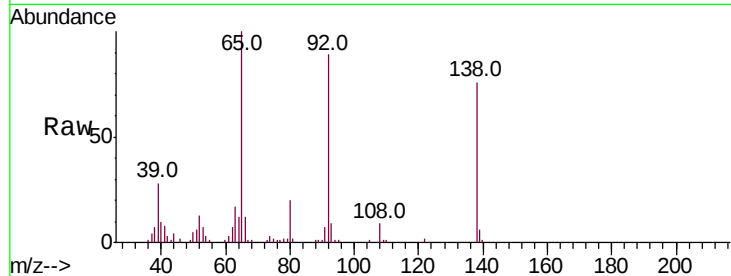
#53
3-Nitroaniline
Concen: 18.338 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	11.0	16.6
92	117.1	95.2	142.8

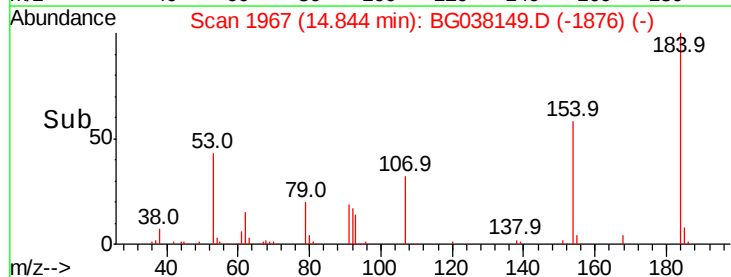
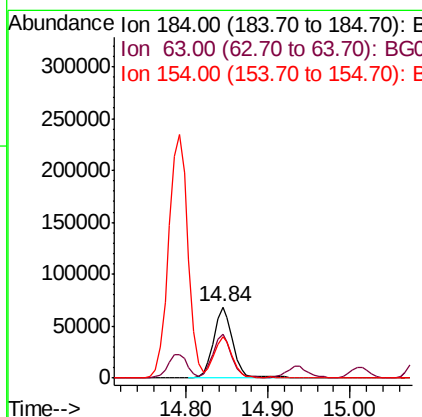
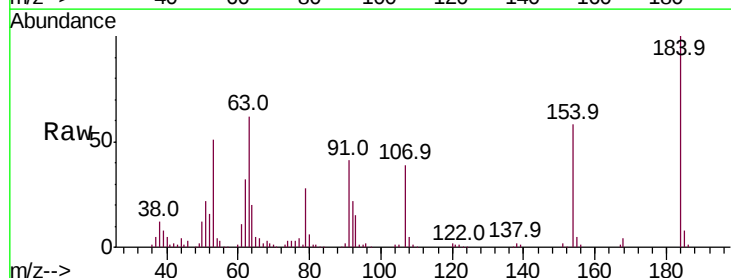
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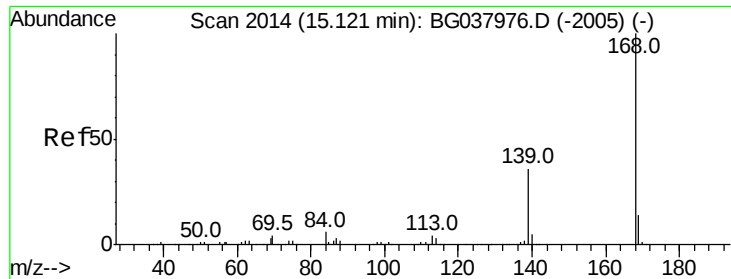
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#54
2,4-Dinitrophenol
Concen: 88.606 ng
RT: 14.84 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.1	42.6	63.8
154	58.1	41.8	62.6





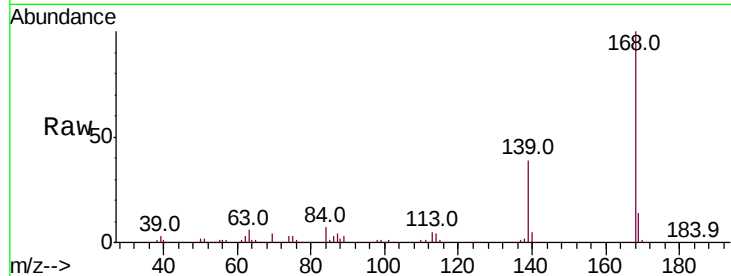
#55
Dibenzofuran
Concen: 48.508 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	29.4	44.0
169	13.8	11.0	16.6

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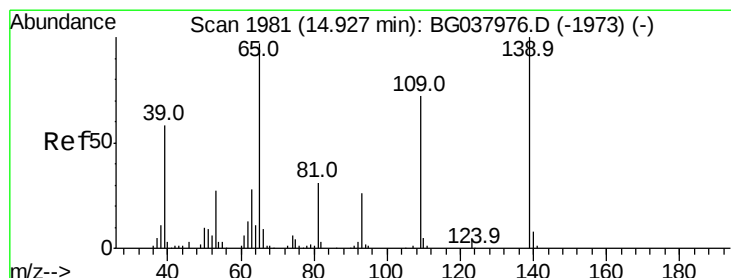
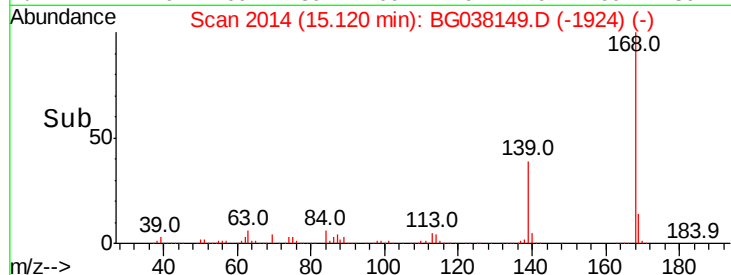
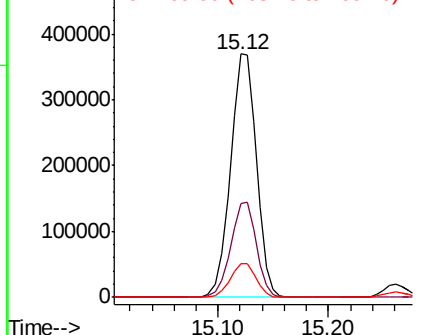


Abundance

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: 31.090 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

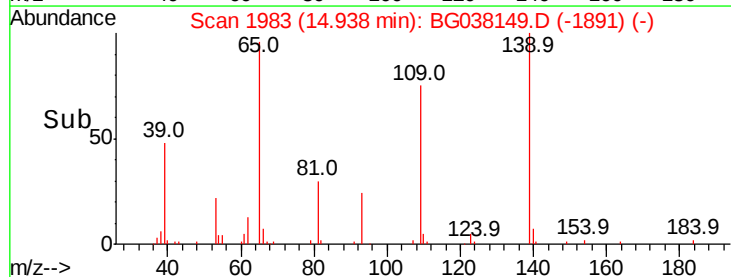
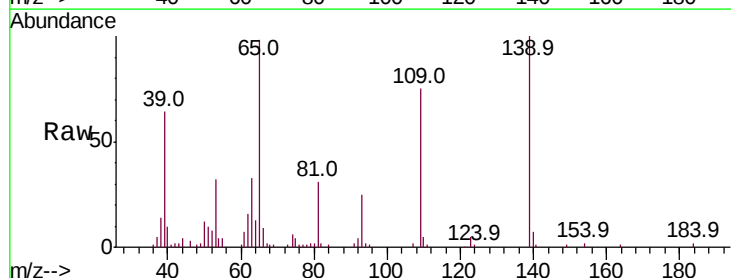
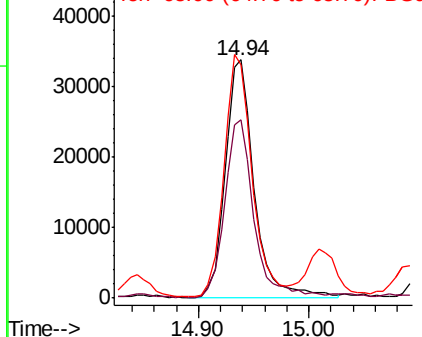
Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.1	49.5	89.5
65	98.1	76.8	116.8

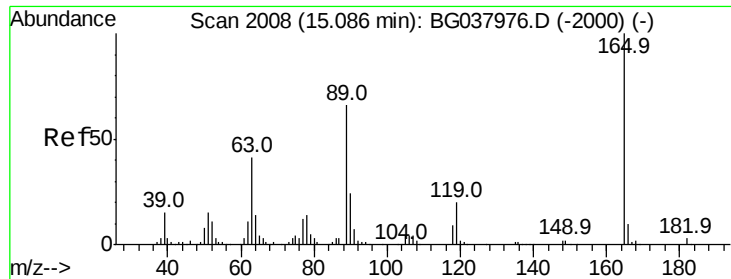
Abundance

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): BGO





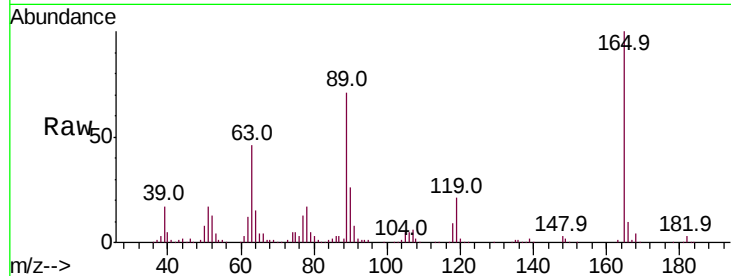
#57
 2,4-Dinitrotoluene
 Concen: 51.352 ng
 RT: 15.09 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	163861		
63	45.8	33.4	50.0	
89	70.7	57.2	85.8	
182	3.2	2.6	4.0	

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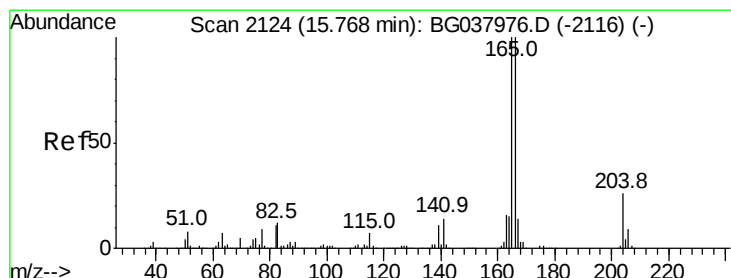
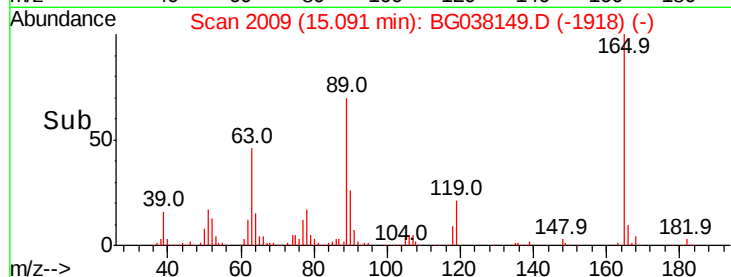
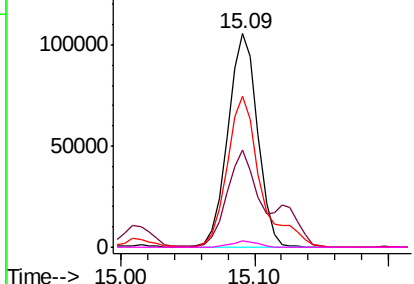
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 51.886 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

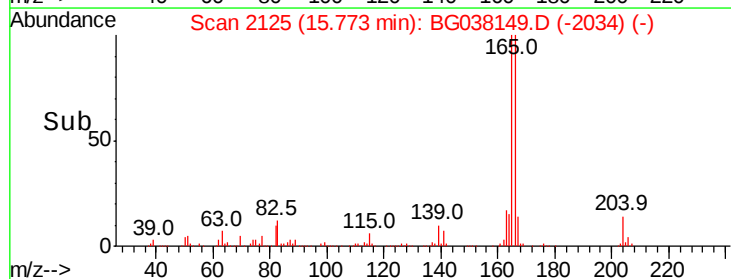
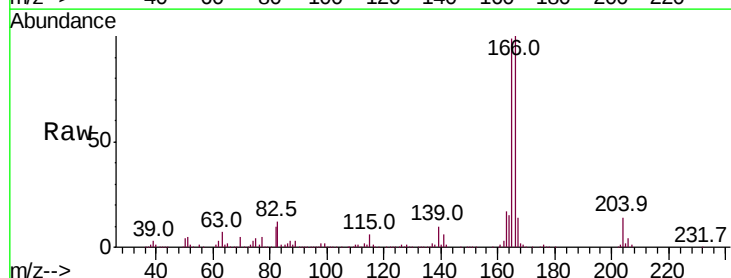
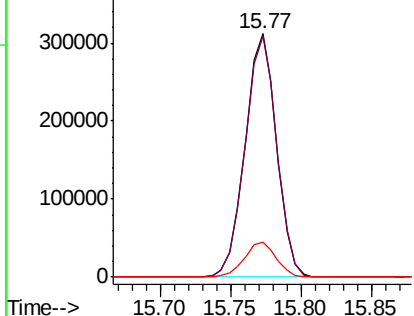
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	485609		
165	99.1	79.0	118.6	
167	14.1	11.3	16.9	

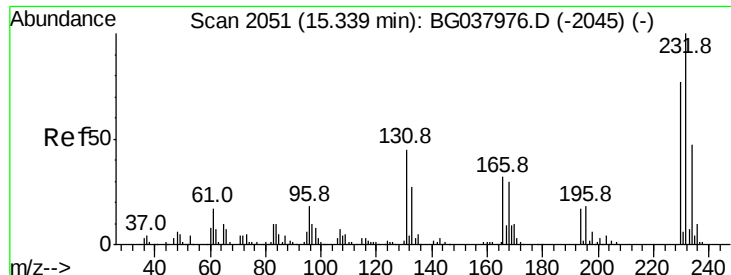
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





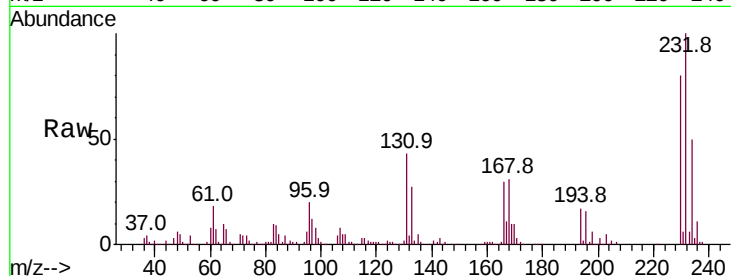
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.635 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	132686		
131	43.6		33.7	50.5
130	2.3		2.1	3.1
166	31.1		24.6	36.8

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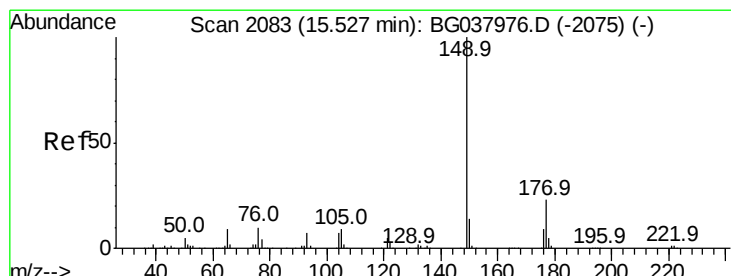
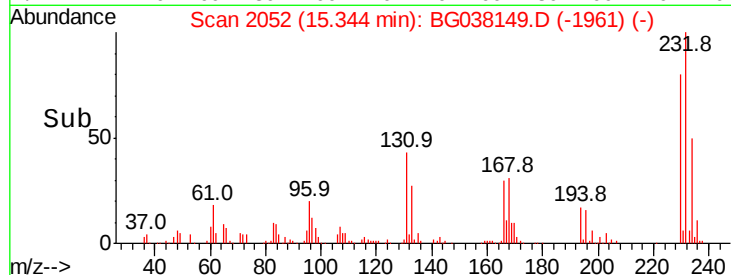
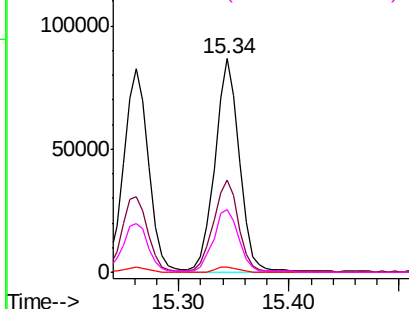
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

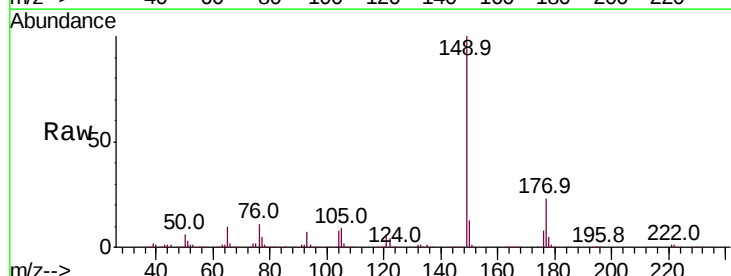
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.284 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	520420		
177	22.6		18.3	27.5
150	12.6		10.0	15.0

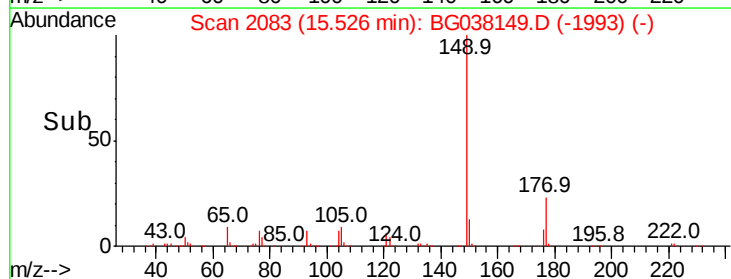
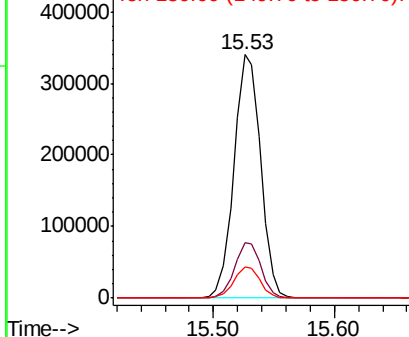


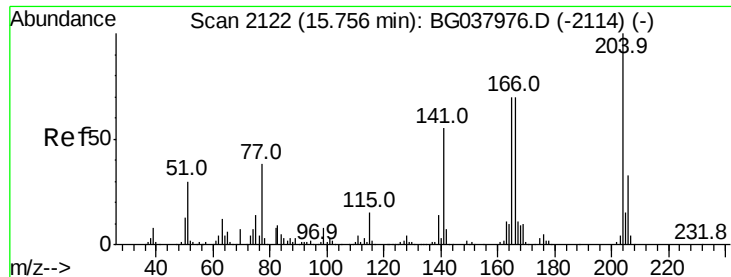
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





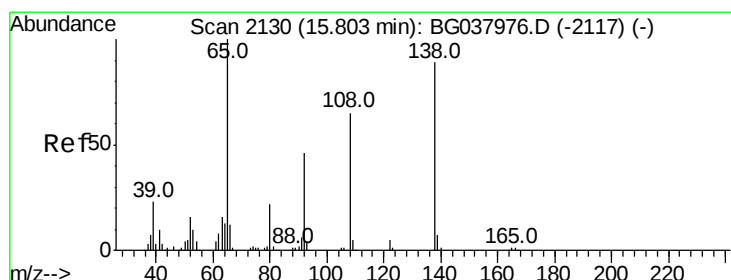
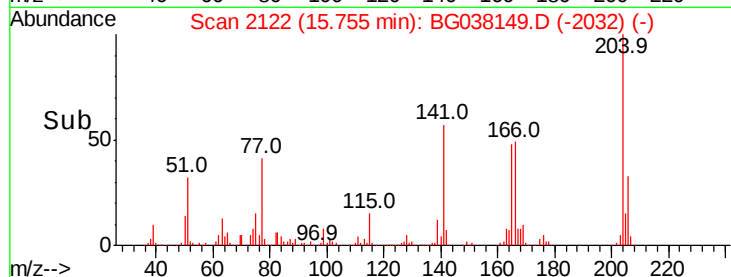
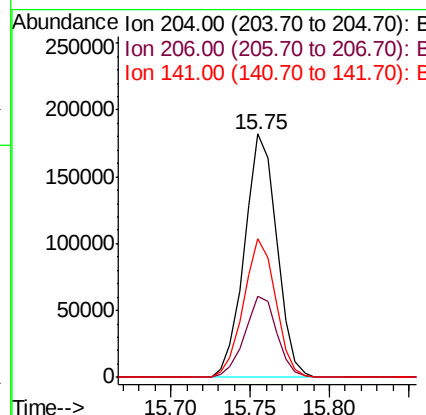
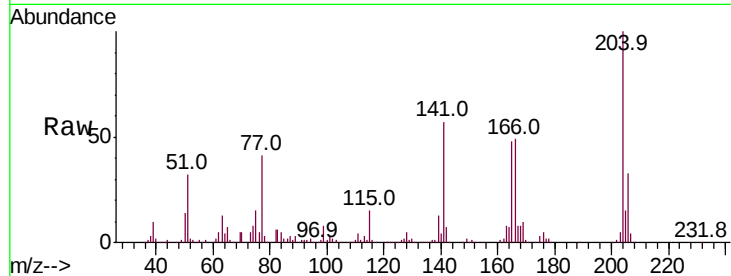
#61
4-Chlorophenyl-phenylether
Concen: 47.112 ng
RT: 15.75 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	56.9	45.4	68.2

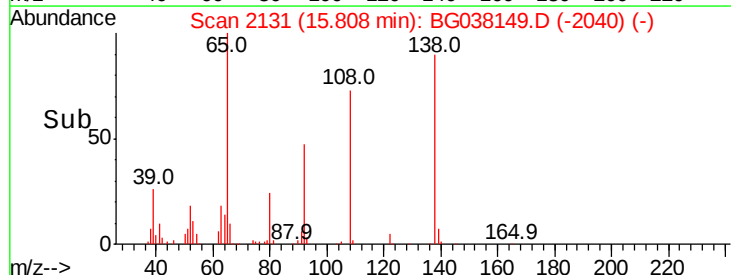
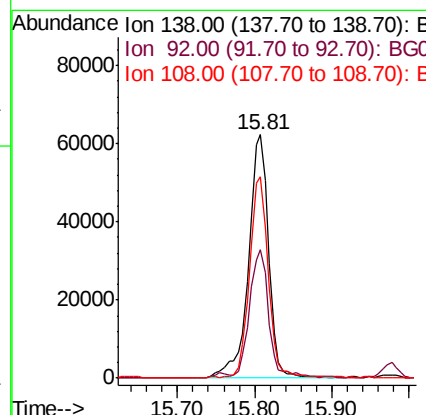
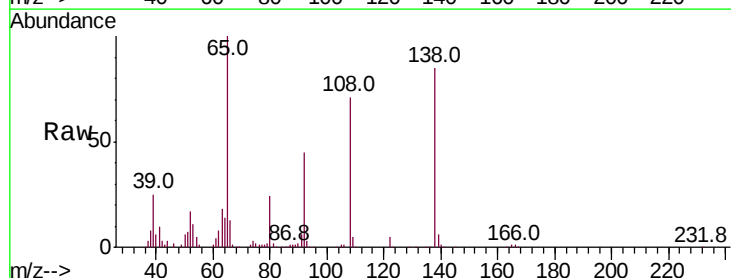
Manual Integrations
APPROVED

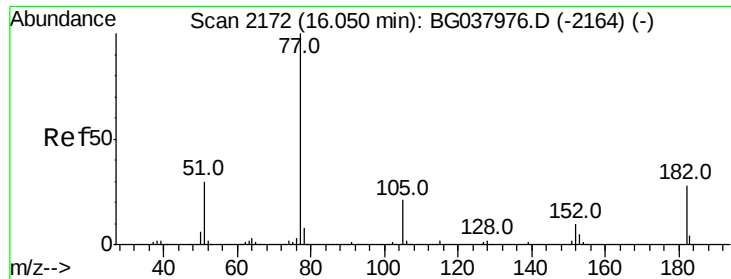
mohammad
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#62
4-Nitroaniline
Concen: 44.673 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.9	36.4	76.4
108	82.9	60.1	100.1





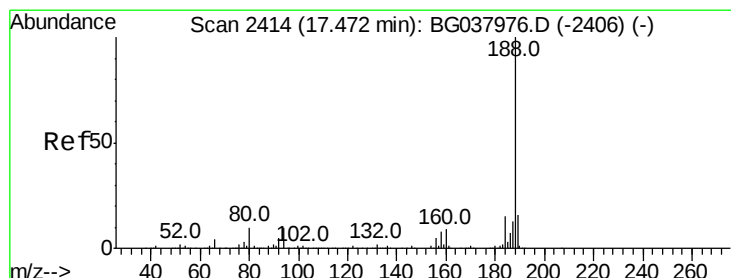
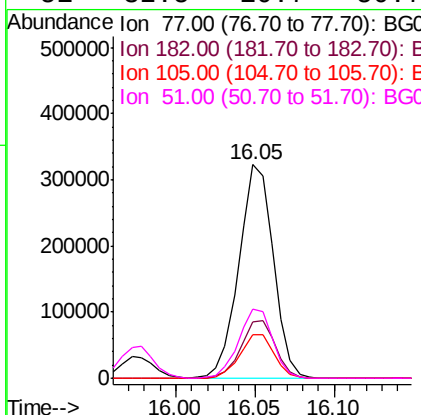
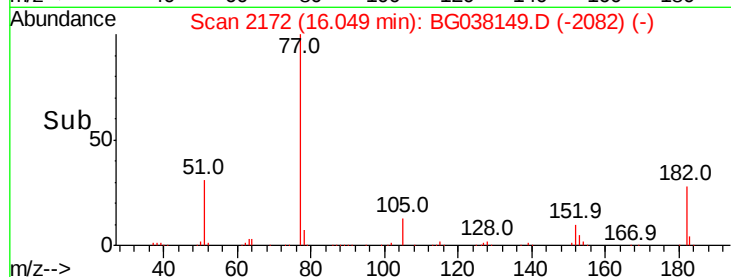
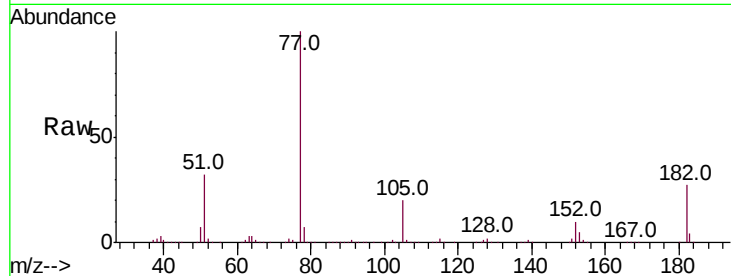
#63
Azobenzene
Concen: 49.281 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.6	8.0	48.0
105	20.4	1.3	41.3
51	32.5	10.7	50.7

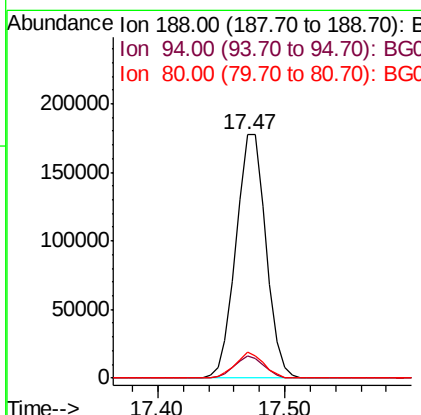
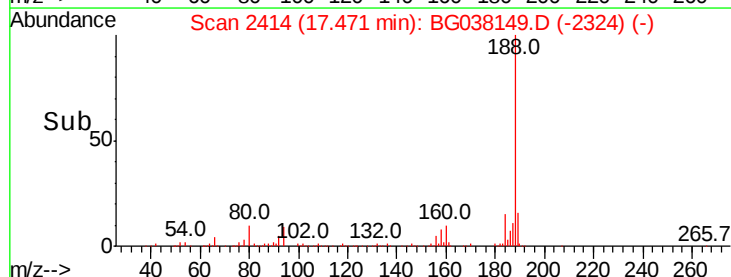
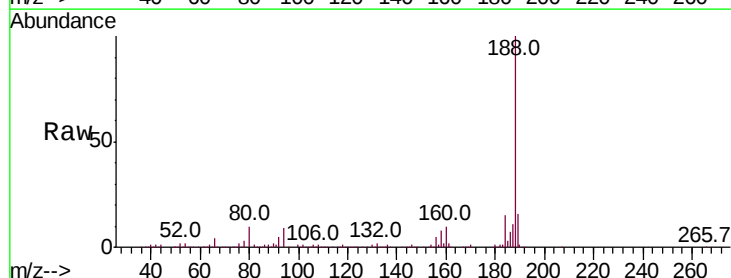
Manual Integrations
APPROVED

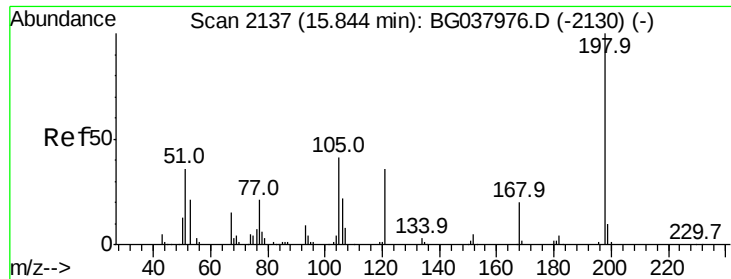
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.4	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 46.719 ng

RT: 15.85 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

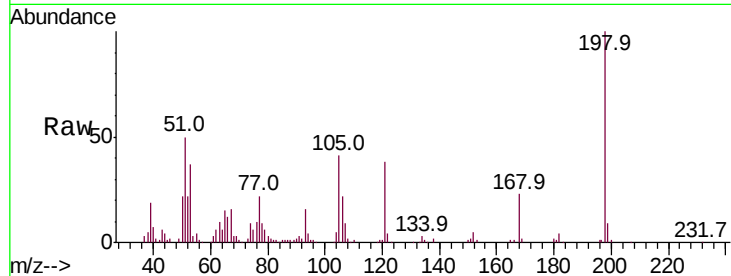
ClientSampleId :

MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	49.5	22.7	62.7
105	40.5	19.7	59.7

Manual Integrations
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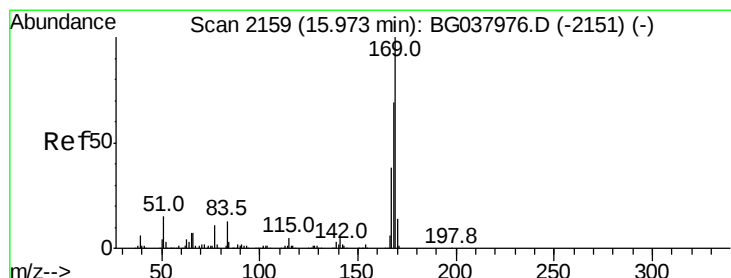
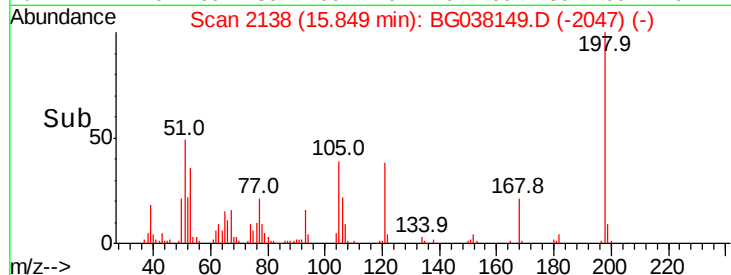
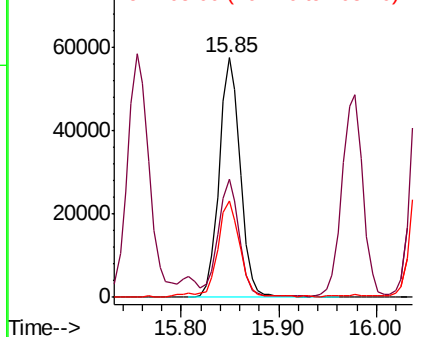


Abundance

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: 49.462 ng

RT: 15.98 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

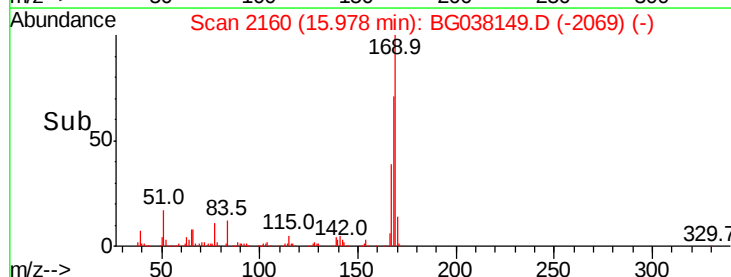
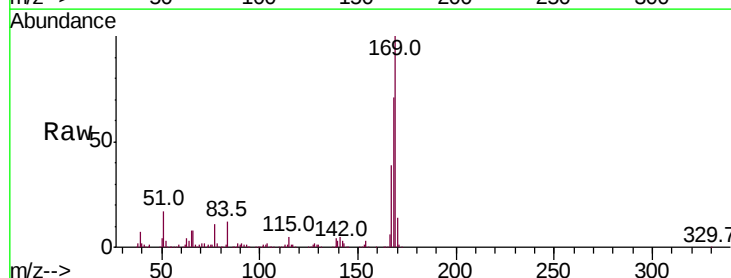
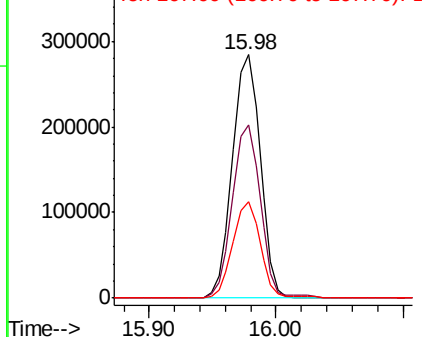
Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.3	55.7	83.5
167	39.3	31.3	46.9

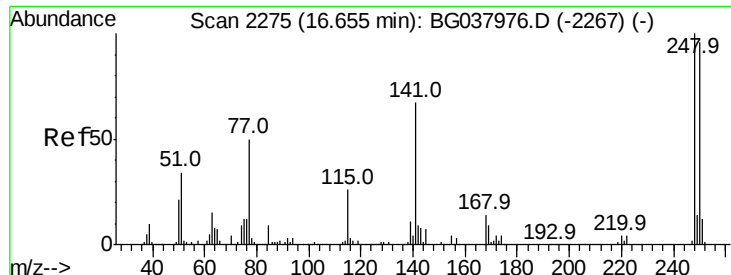
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 49.099 ng

RT: 16.65 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

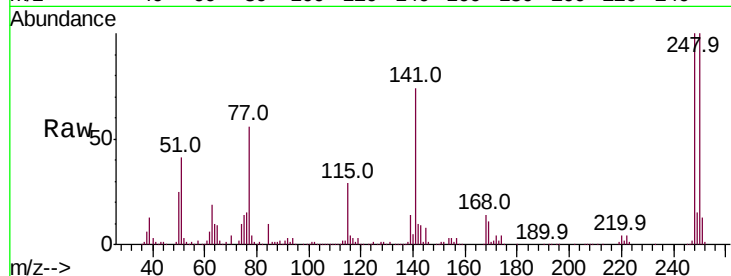
ClientSampleId :

MMTW-01MSD

Tot Ion:	248	Resp:	156680
Ion Ratio	Lower	Upper	
248	100		
250	99.9	77.0	115.6
141	74.3	55.5	83.3

Manual Integrations
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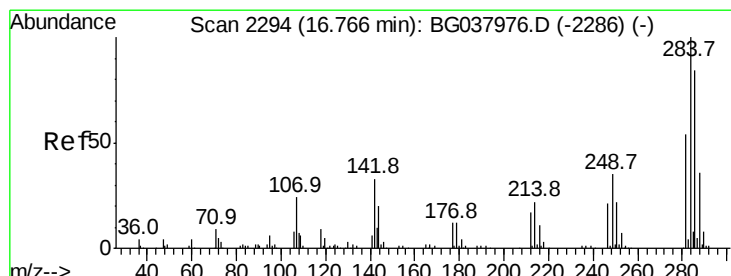
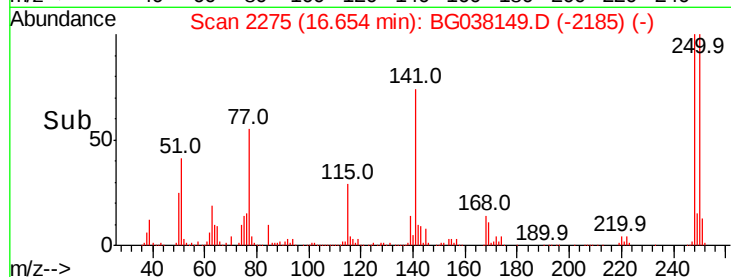
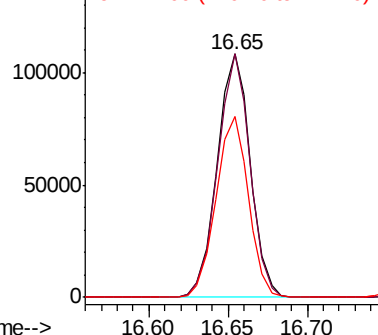


Abundance

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: 48.600 ng

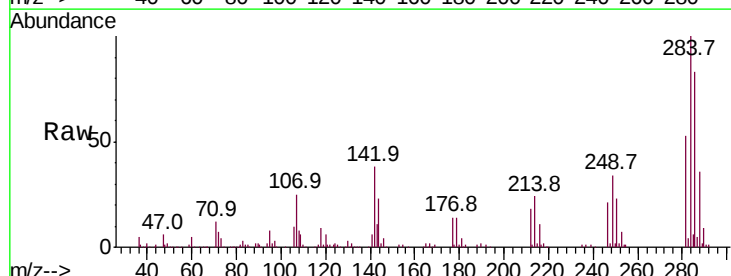
RT: 16.77 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Tgt Ion:	284	Resp:	160081
Ion Ratio	Lower	Upper	
284	100		
142	38.2	28.1	42.1
249	36.4	29.8	44.8

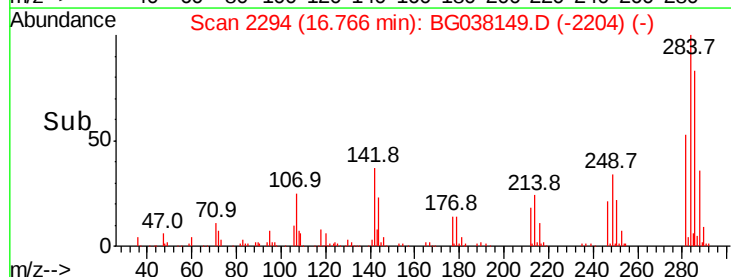
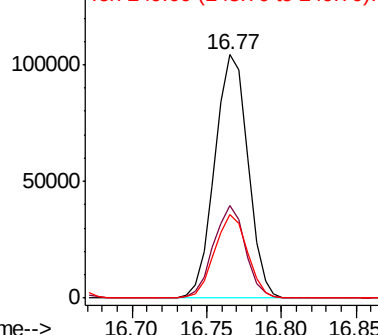


Abundance

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





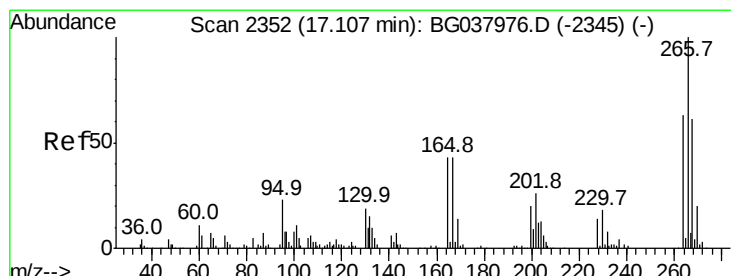
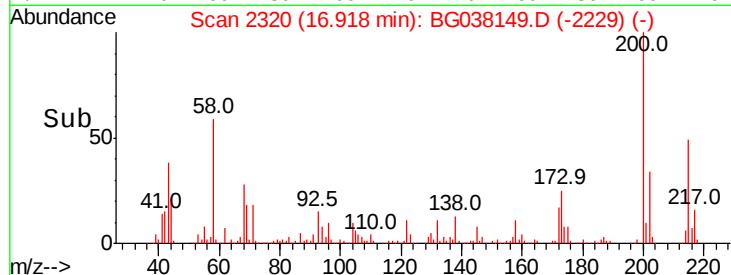
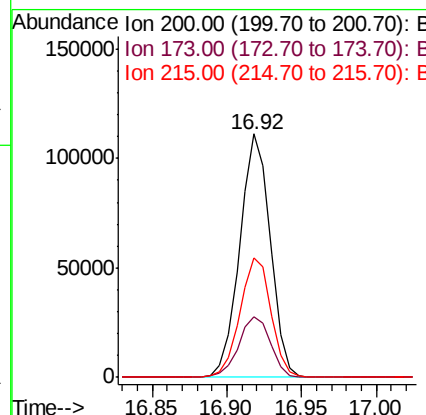
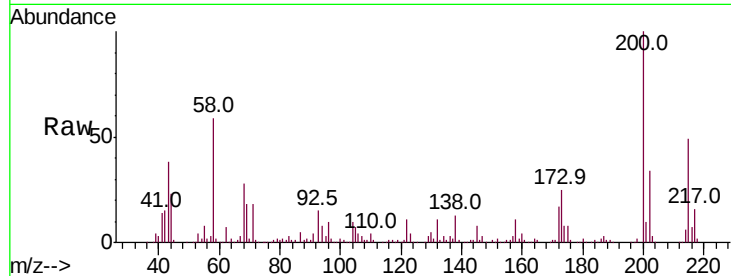
#69
 Atrazine
 Concen: 48.684 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	6.1	46.1
215	49.2	30.8	70.8

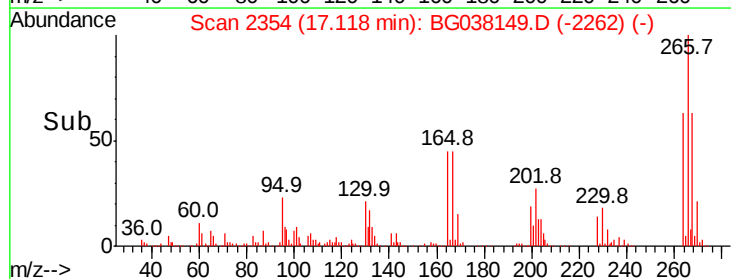
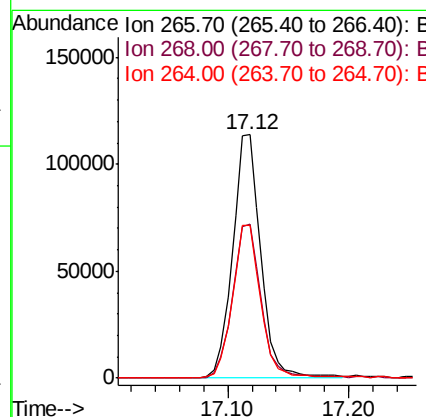
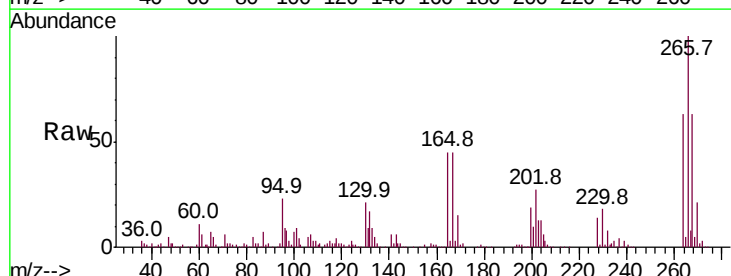
Manual Integrations
 APPROVED

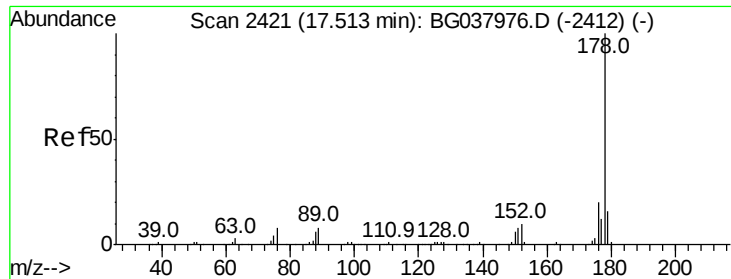
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#70
 Pentachlorophenol
 Concen: 82.517 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. 0.01 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.3	55.0	82.6
264	67.8	58.9	88.3





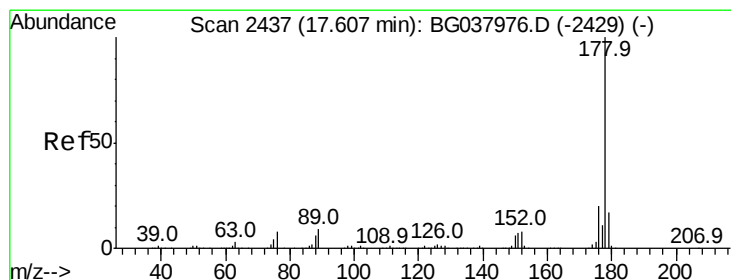
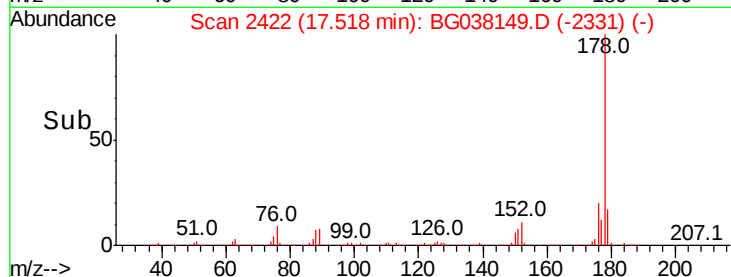
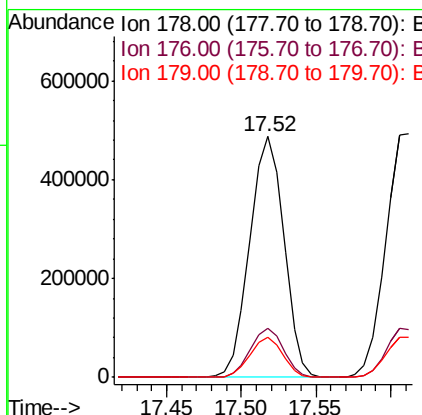
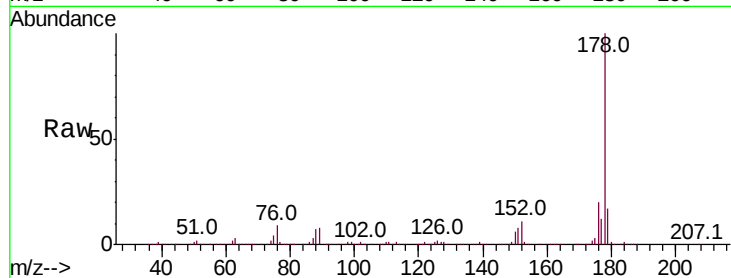
#71
Phenanthrene
Concen: 51.835 ng
RT: 17.52 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.1	24.1
179	16.6	13.0	19.4

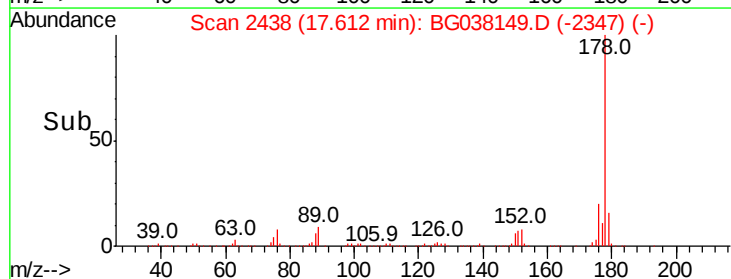
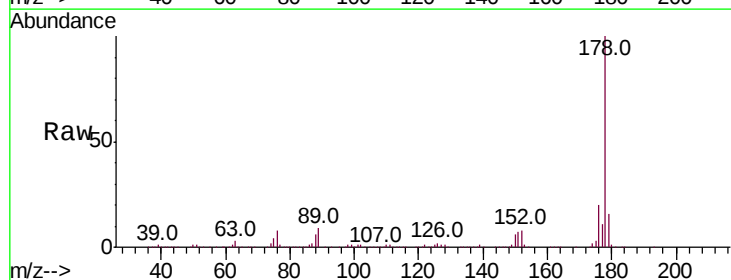
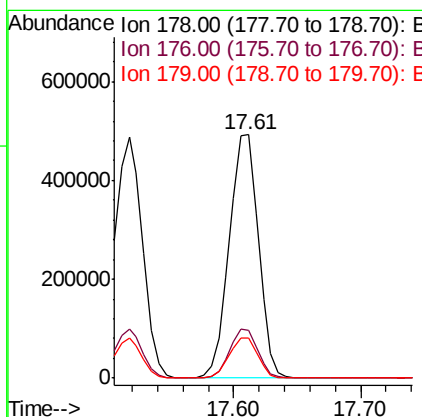
Manual Integrations
APPROVED

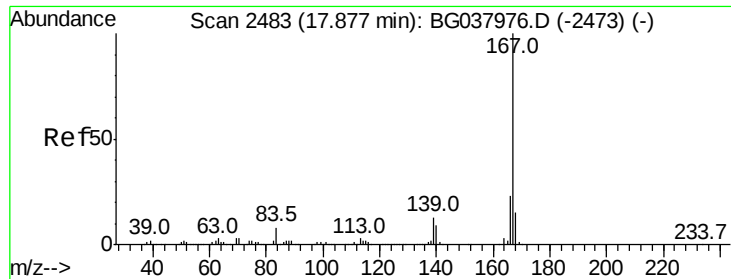
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#72
Anthracene
Concen: 53.315 ng
RT: 17.61 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	16.4	12.8	19.2





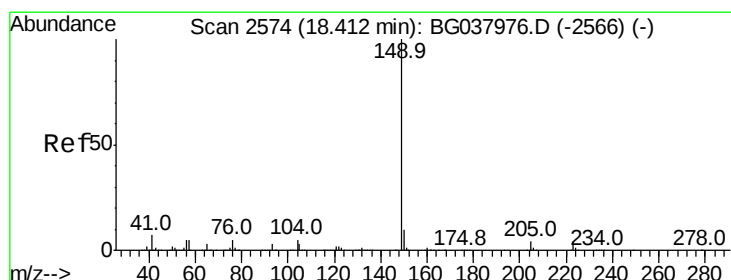
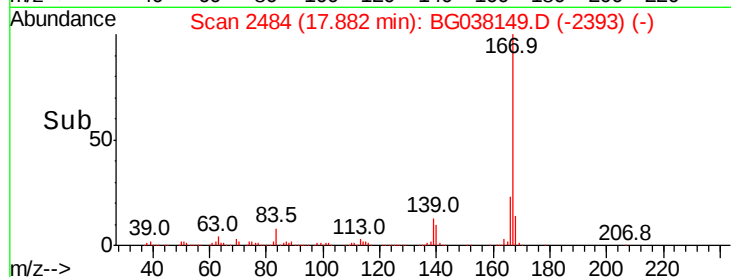
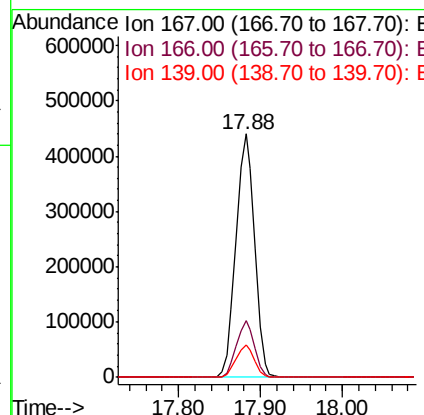
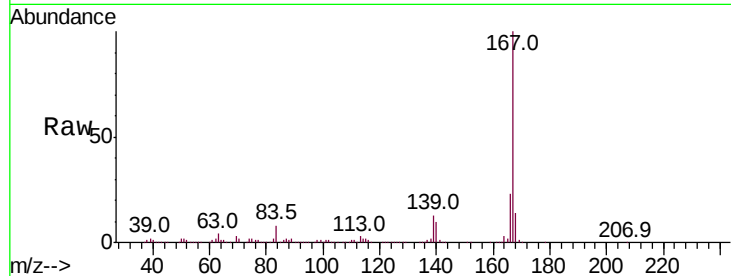
#73
 Carbazole
 Concen: 47.736 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01MSD

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

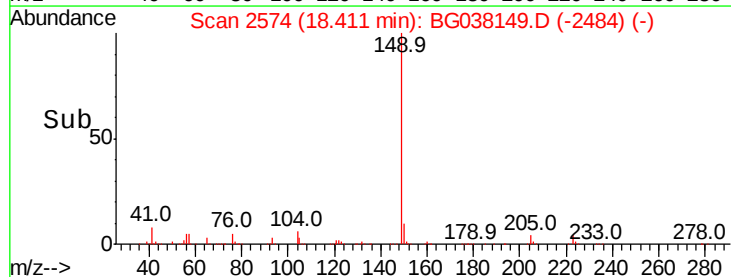
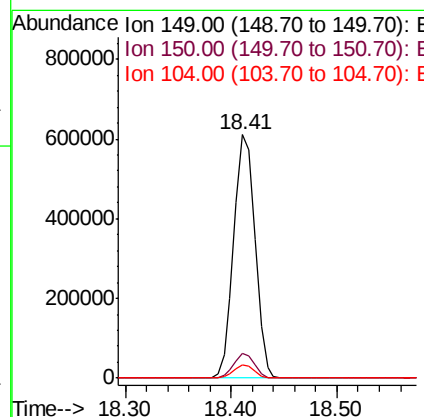
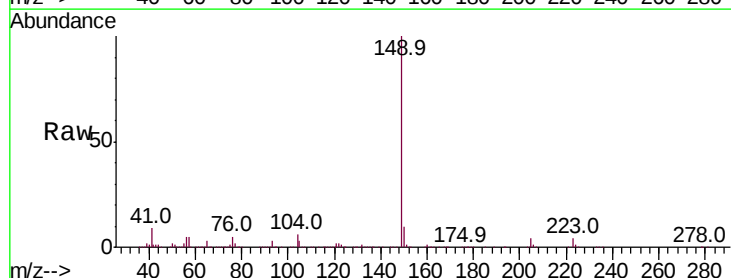
Manual Integrations
 APPROVED

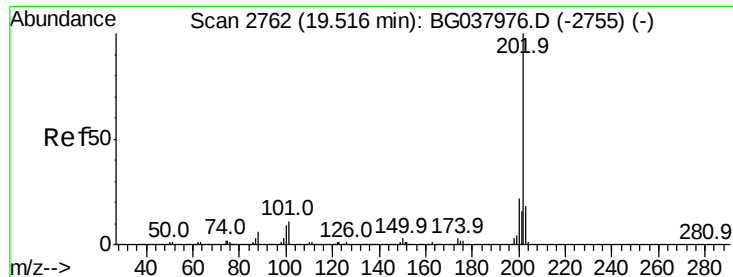
mohammad
 11/27/2018 2:06:02 PM



#74
 Di-n-butylphthalate
 Concen: 51.495 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	5.6	4.0	6.0





#75

Fluoranthene

Concen: 51.816 ng

RT: 19.52 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

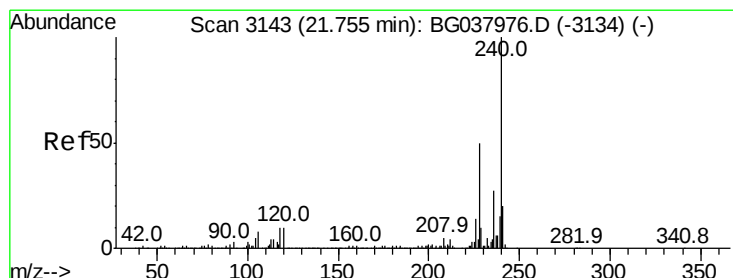
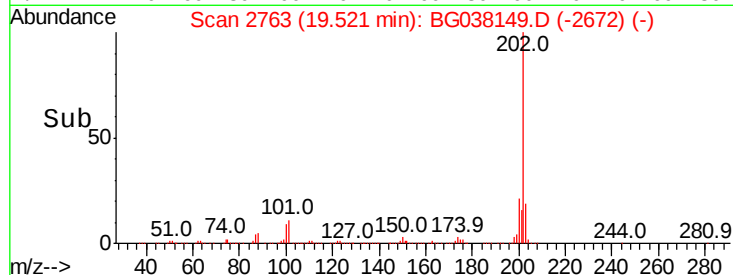
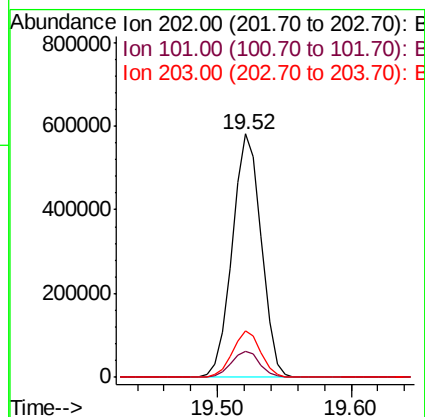
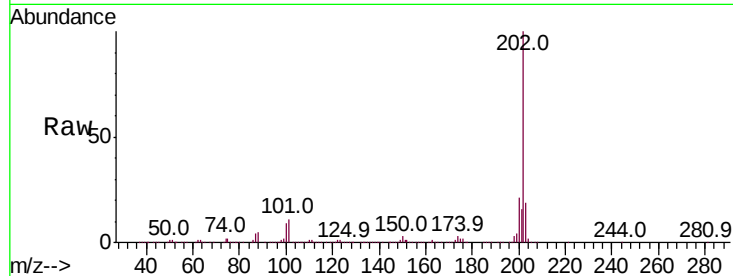
ClientSampleId :

MMTW-01MSD

Tot Ion:	202	Resp:	879986
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.7
203	18.9	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

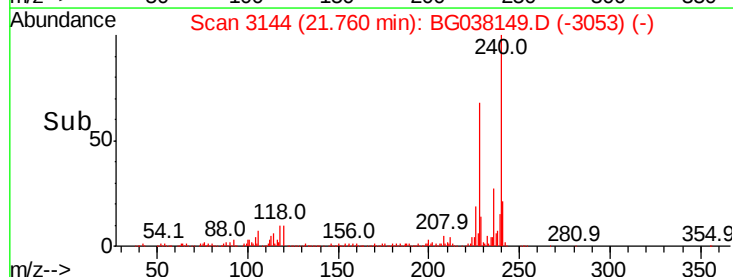
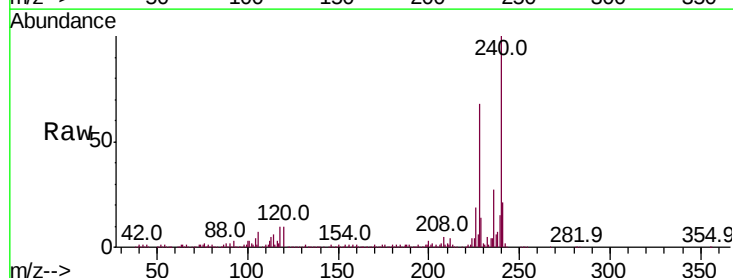
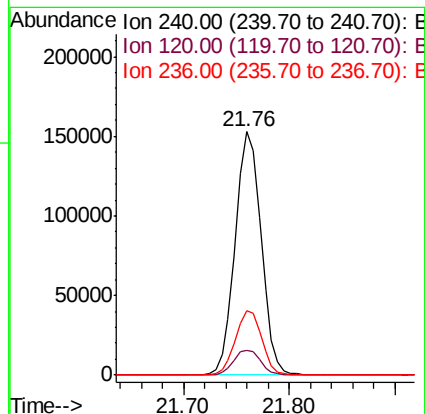
RT: 21.76 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Tgt Ion:	240	Resp:	260228
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.1	12.1
236	26.5	21.4	32.0





#77

Benzidine

Concen: 22.218 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

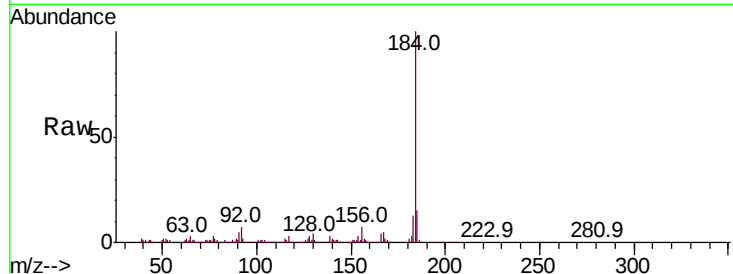
ClientSampleId :

MMTW-01MSD

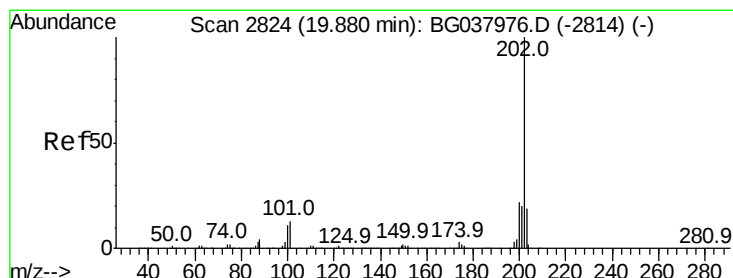
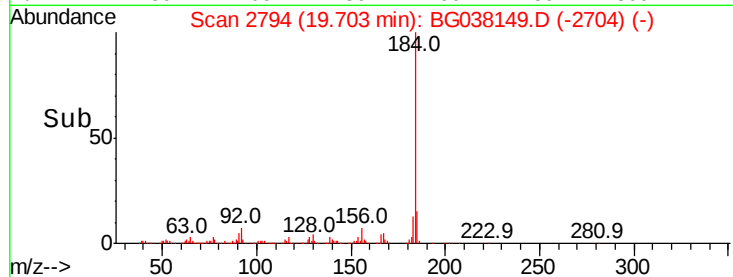
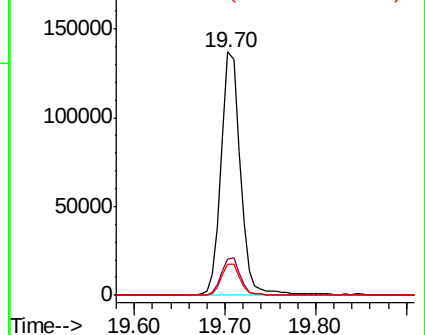
Tot Ion:	184	Resp:	202875
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	12.6	10.2	15.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.187 ng

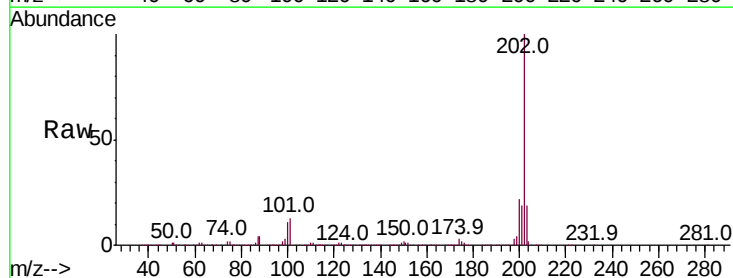
RT: 19.89 min Scan# 2825

Delta R.T. 0.00 min

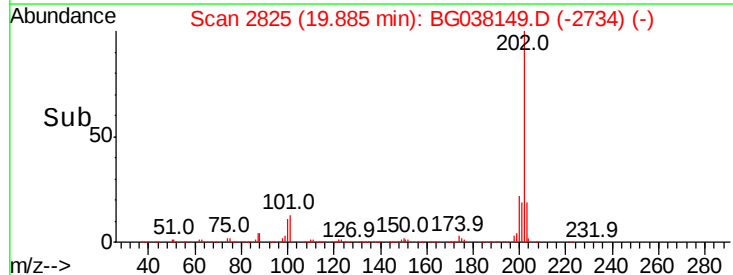
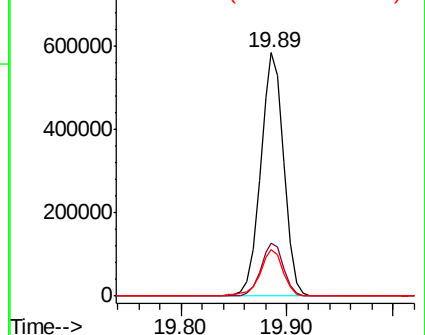
Lab File: BG038149.D

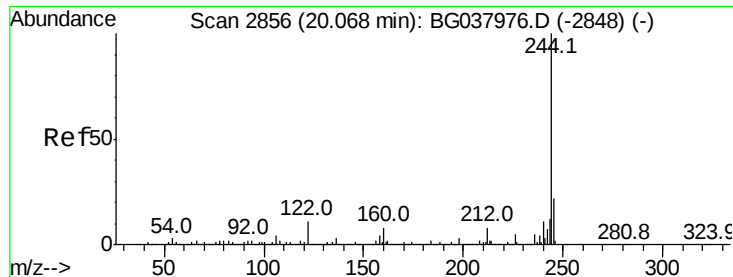
Acq: 27 Nov 2018 00:01

Tgt Ion:	202	Resp:	887907
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.8	26.6
203	18.9	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.213 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

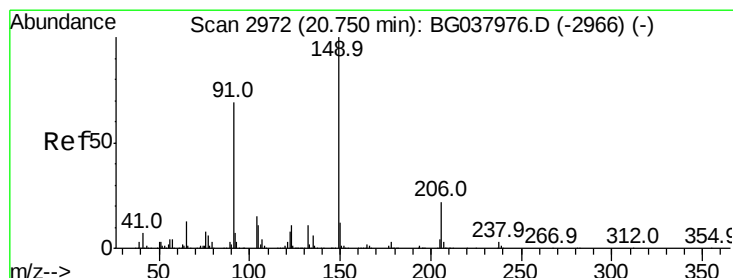
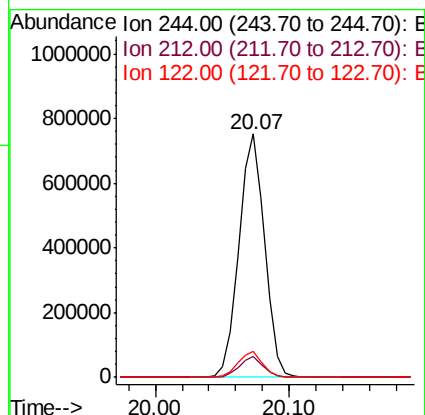
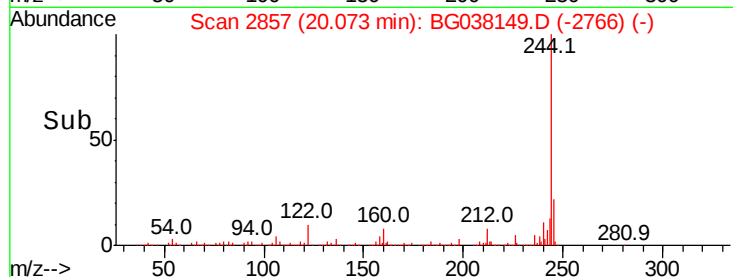
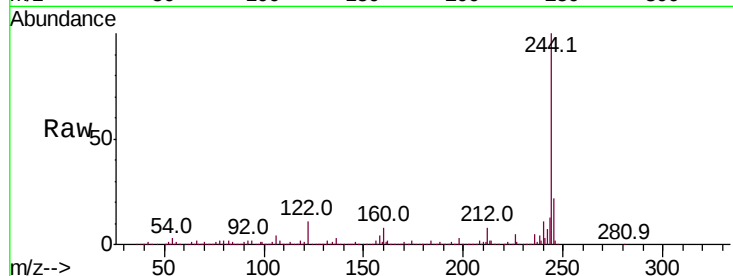
ClientSampleId :

MMTW-01MSD

Tot Ion:	244	Resp:	997701
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.5	9.7
122	10.6	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 52.981 ng

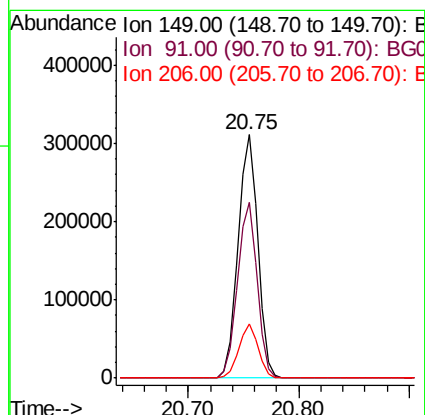
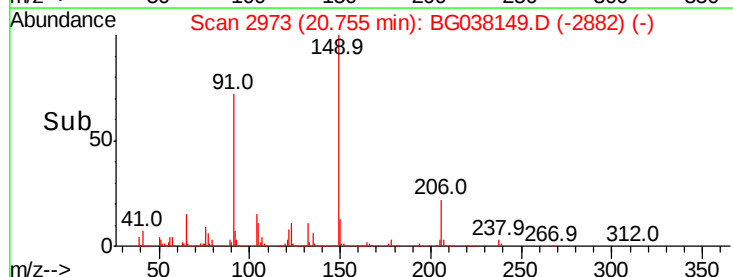
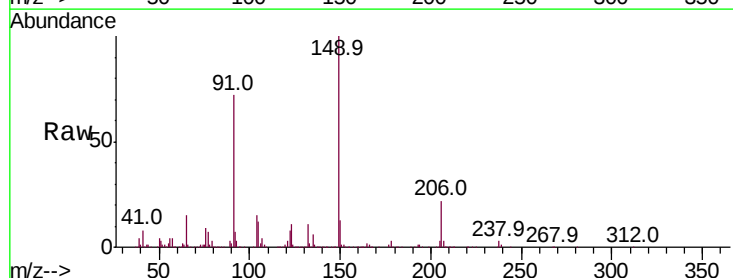
RT: 20.75 min Scan# 2973

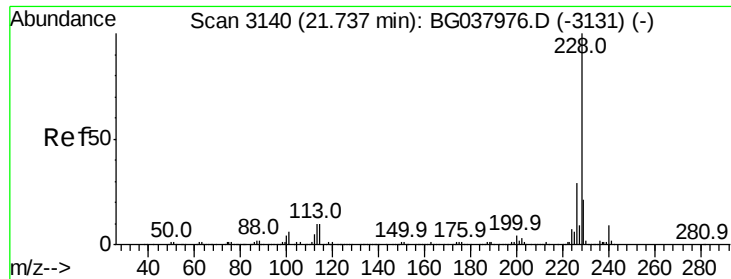
Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Tgt Ion:	149	Resp:	394201
Ion Ratio	Lower	Upper	
149	100		
91	72.1	57.0	85.4
206	22.2	17.8	26.6





#81

Benzo(a)anthracene

Concen: 53.729 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

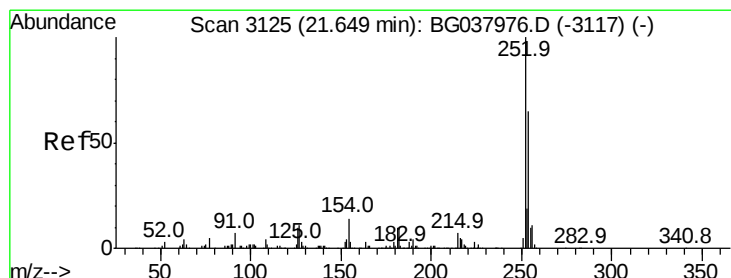
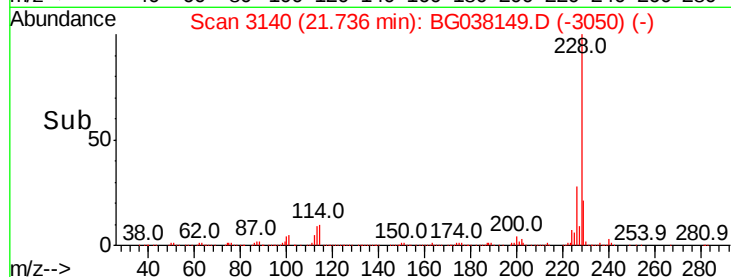
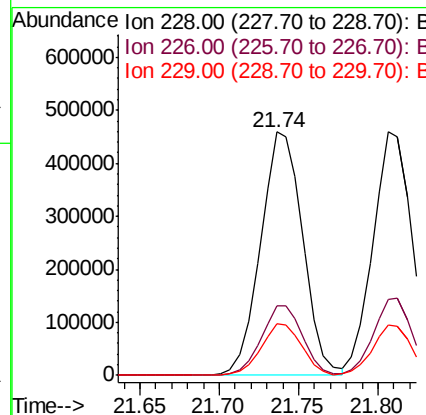
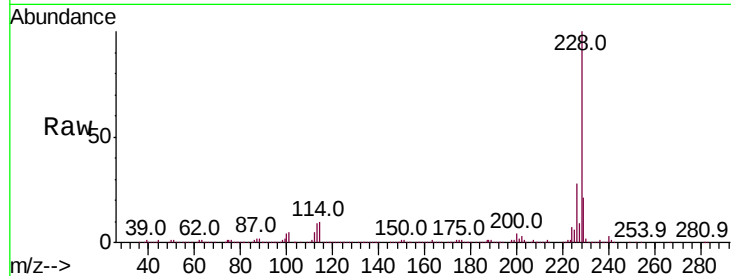
ClientSampleId :

MMTW-01MSD

Tot Ion:	228	Resp:	844931
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	21.0	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 23.448 ng

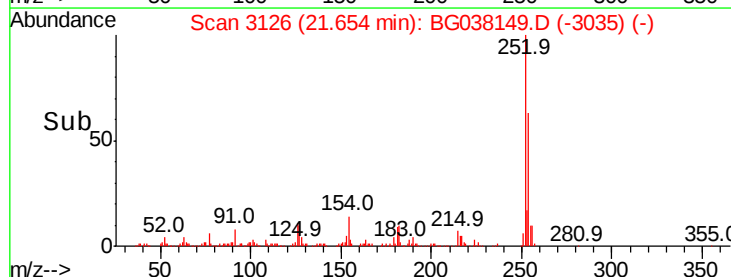
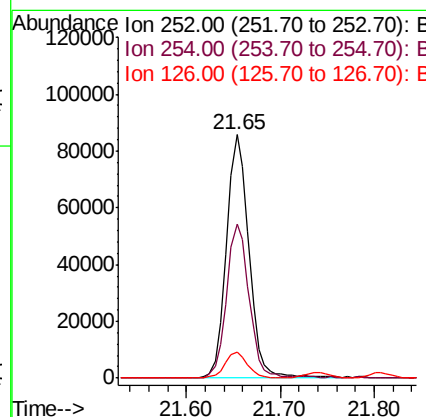
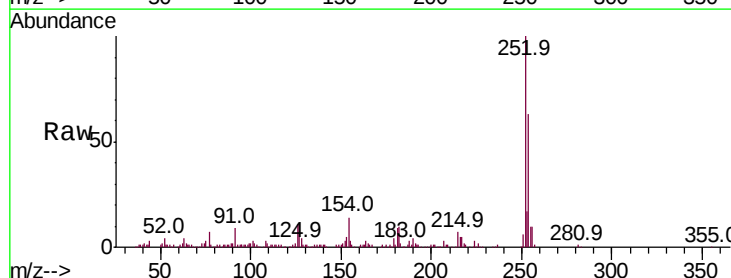
RT: 21.65 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Tgt Ion:	252	Resp:	143636
Ion Ratio	Lower	Upper	
252	100		
254	63.3	52.0	78.0
126	10.7	8.2	12.4





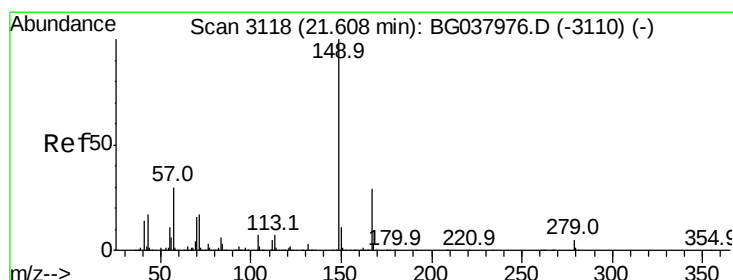
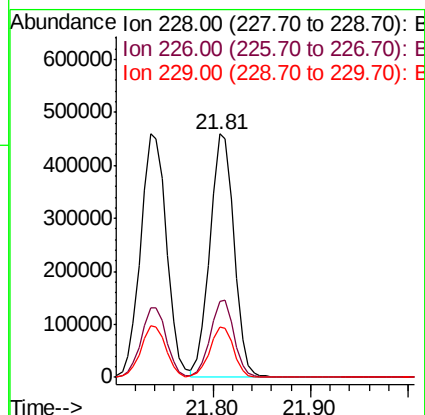
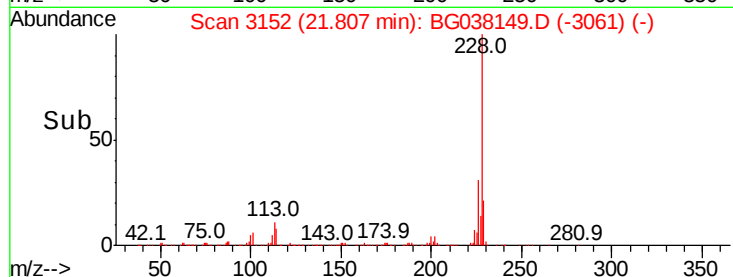
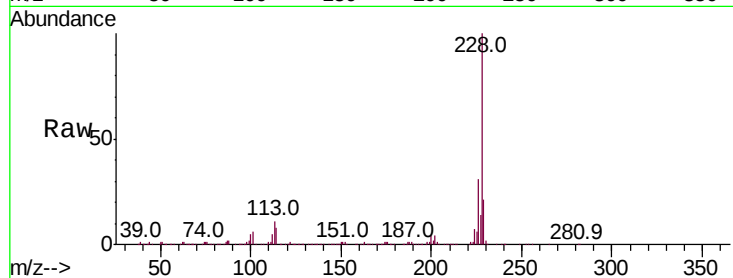
#83
 Chrysene
 Concen: 52.183 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.7	38.5
229	20.8	16.5	24.7

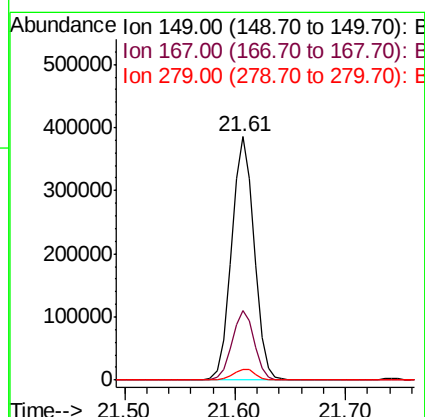
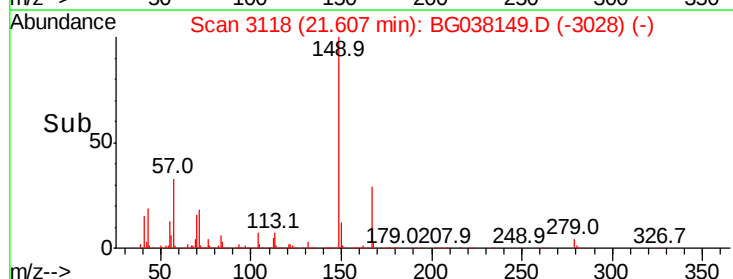
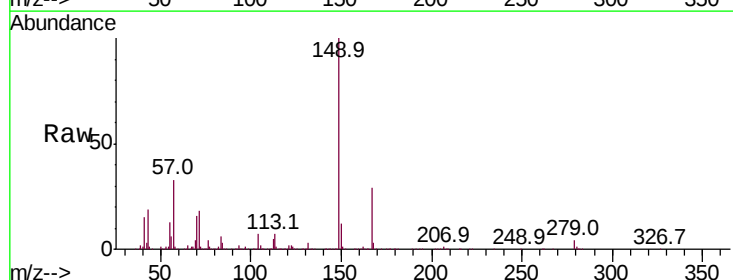
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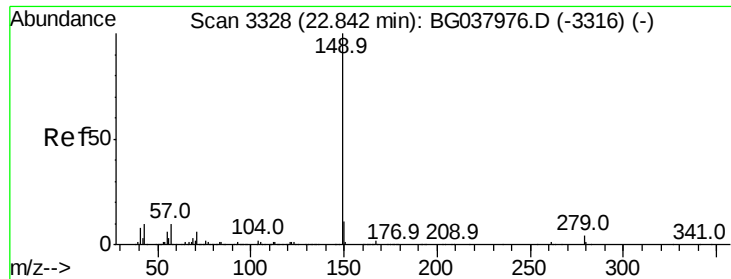
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.020 ng
 RT: 21.61 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG038149.D
 Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.4
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 54.810 ng

RT: 22.85 min Scan# 3329

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

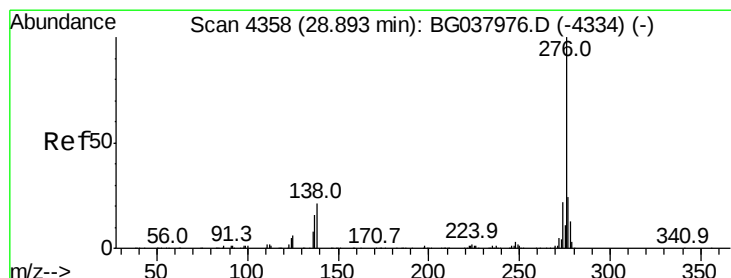
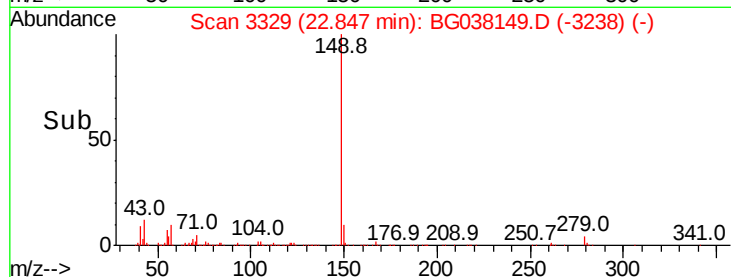
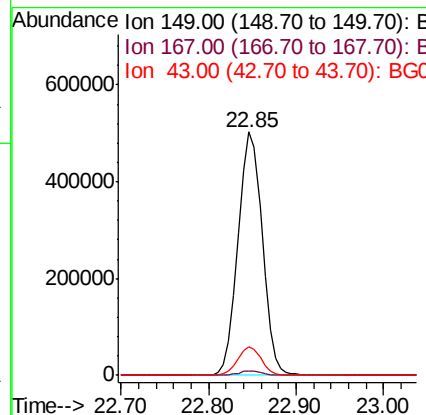
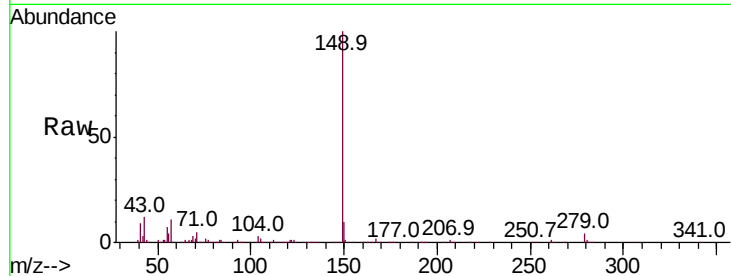
ClientSampleId :

MMTW-01MSD

Tot Ion:	149	Resp:	940885
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.3	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 55.067 ng

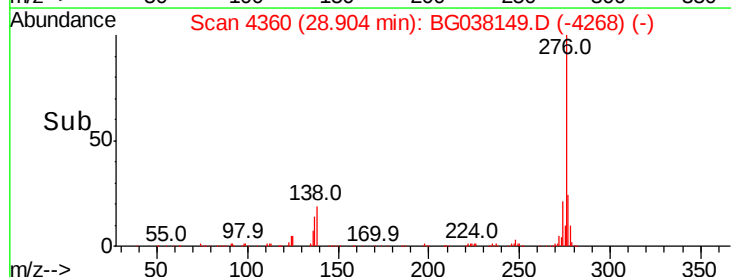
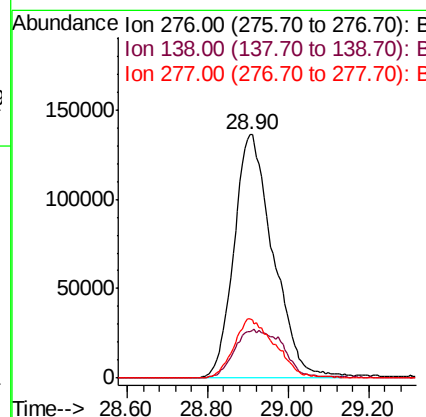
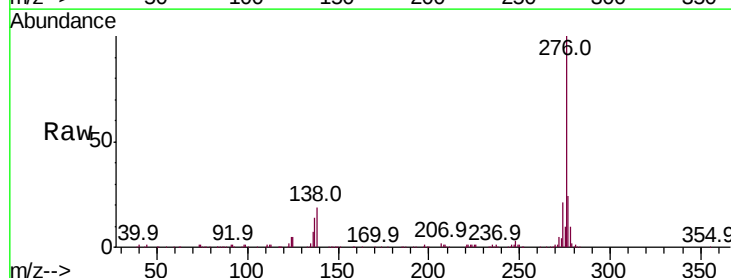
RT: 28.90 min Scan# 4360

Delta R.T. 0.01 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Tgt Ion:	276	Resp:	920224
Ion Ratio	Lower	Upper	
276	100		
138	24.6	12.0	18.0#
277	25.4	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. 0.00 min

Lab File: BG038149.D

Acq: 27 Nov 2018 00:01

Instrument :

BNA_G

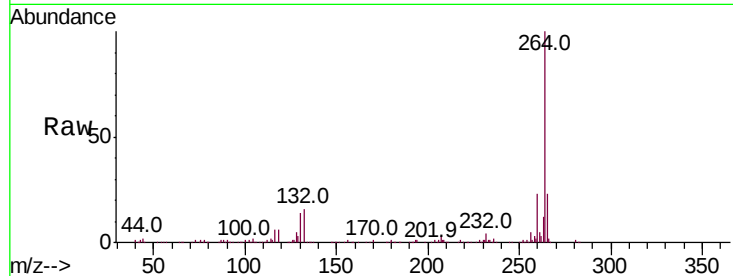
ClientSampleId :

MMTW-01MSD

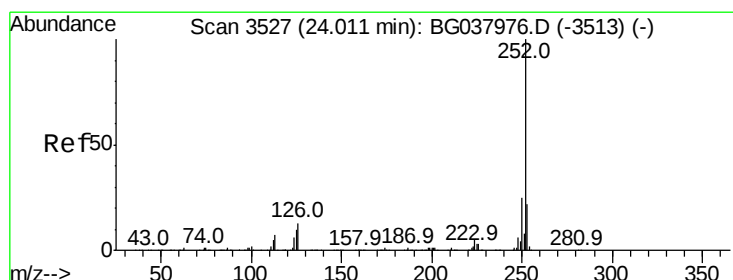
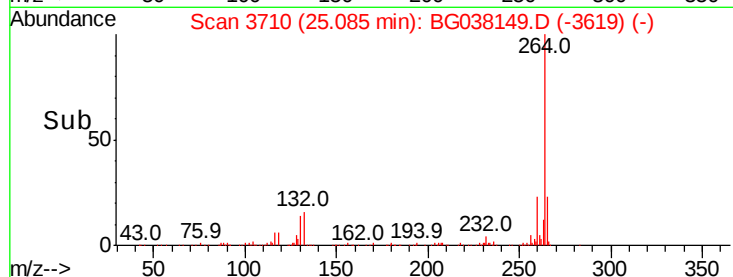
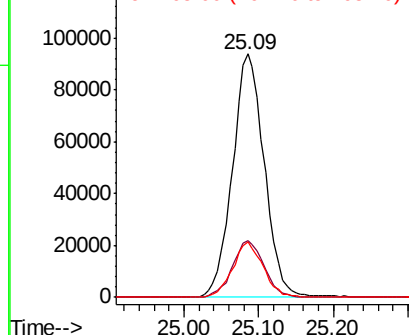
Tot Ion:	264	Resp:	277528
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.2	27.4
265	22.5	17.9	26.9

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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: 53.822 ng

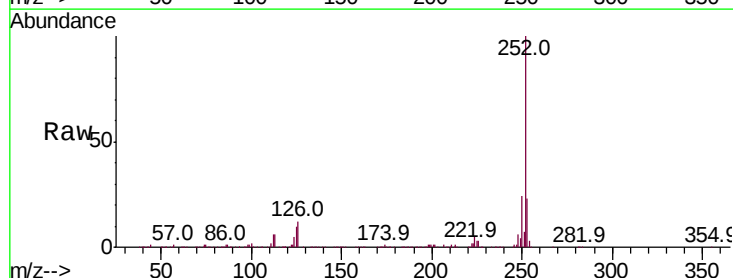
RT: 24.02 min Scan# 3529

Delta R.T. 0.01 min

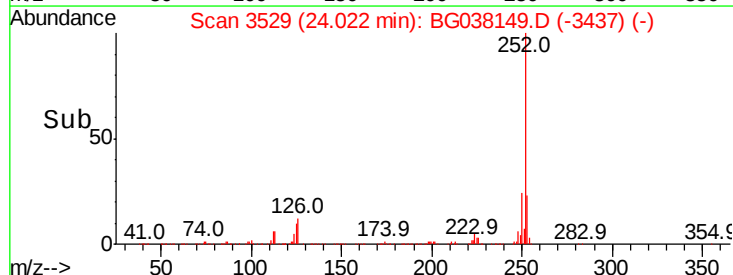
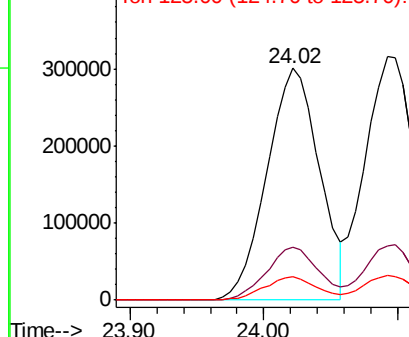
Lab File: BG038149.D

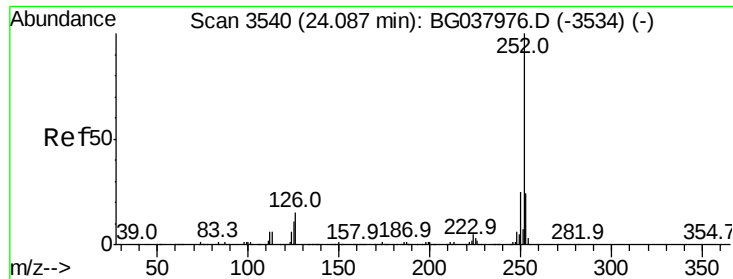
Acq: 27 Nov 2018 00:01

Tgt Ion:	252	Resp:	821992
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	10.0	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





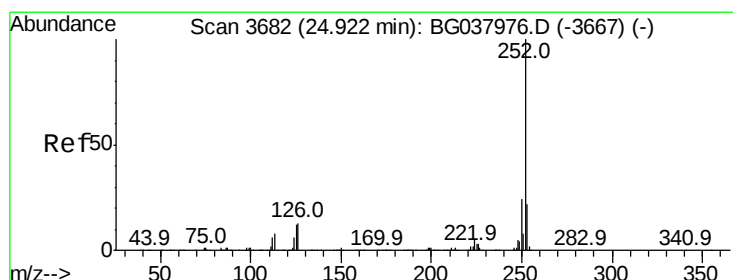
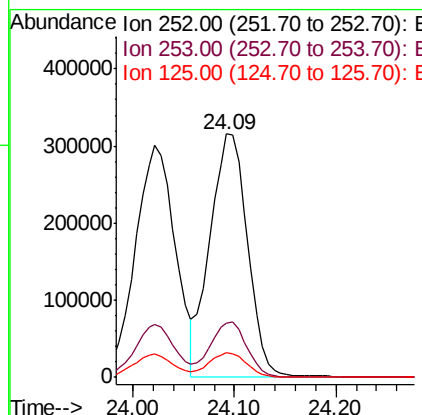
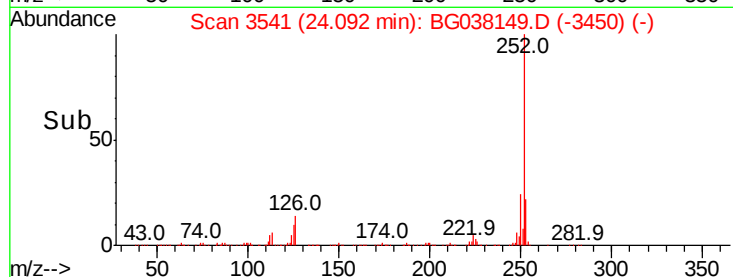
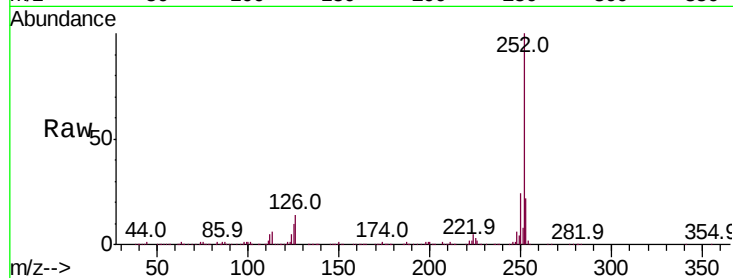
#89
Benzo(k)fluoranthene
Concen: 53.466 ng
RT: 24.09 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.0	7.4	11.0

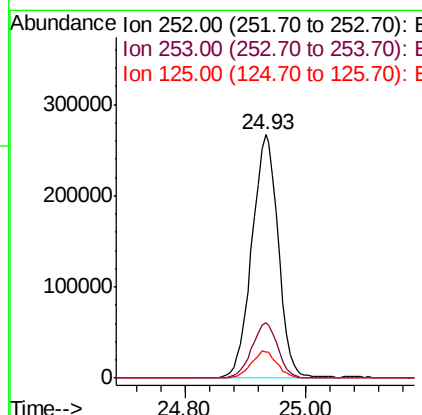
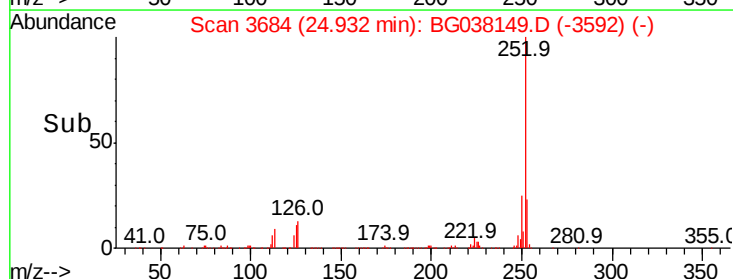
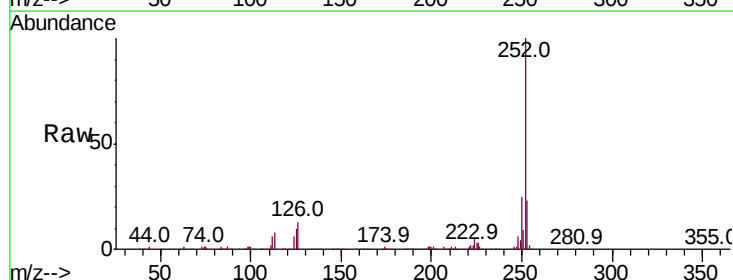
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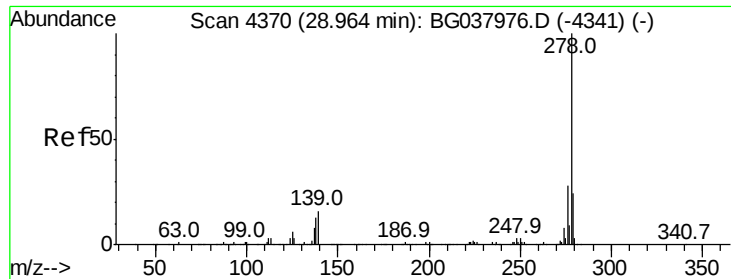
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#90
Benzo(a)pyrene
Concen: 55.155 ng
RT: 24.93 min Scan# 3684
Delta R.T. 0.01 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.5	9.0	13.6





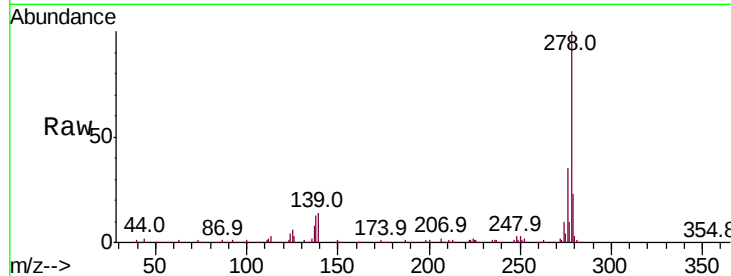
#91
Dibenzo(a,h)anthracene
Concen: 53.474 ng
RT: 28.98 min Scan# 4373
Delta R.T. 0.02 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Instrument :
BNA_G
ClientSampleId :
MMTW-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.5	17.3
279	23.3	18.6	27.8

Manual Integrations
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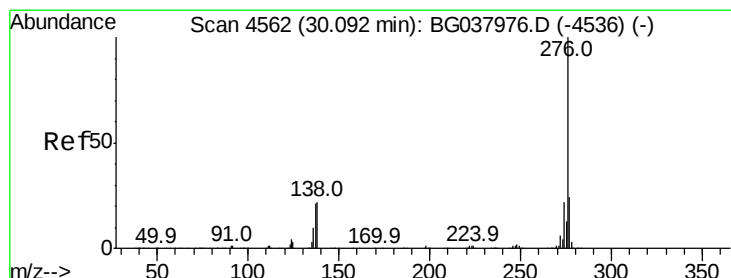
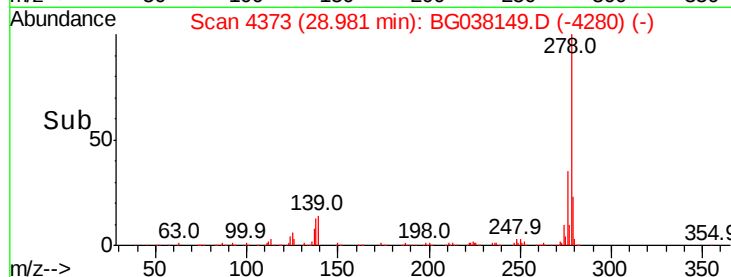
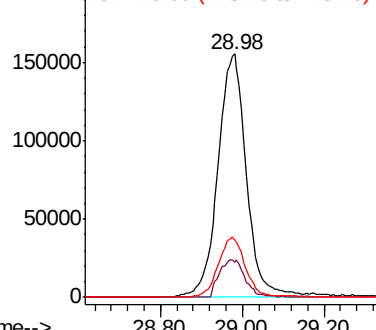


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.971 ng
RT: 30.11 min Scan# 4566
Delta R.T. 0.02 min
Lab File: BG038149.D
Acq: 27 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	20.5	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

