

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037864.D
 Acq On : 7 Nov 2018 14:08
 Operator : JU/SJ
 Sample : J5820-09MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

Manual Integrations
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Sohil
 11/9/2018 1:37:06 PM

Quant Time: Nov 07 15:45:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	62054	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	274219	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	174140	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	381419	20.00	ng	0.00
76) Chrysene-d12	21.76	240	344207	20.00	ng	-0.01
87) Perylene-d12	25.09	264	355368	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	204751	55.16	ng	-0.01
7) Phenol-d6	7.24	99	184670	32.90	ng	-0.01
23) Nitrobenzene-d5	9.27	82	403175	82.36	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	224568	118.24	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	930078	80.54	ng	-0.02
79) Terphenyl-d14	20.08	244	1253358	77.81	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	24827	13.190	ng	92
3) Pyridine	3.93	79	67567	14.242	ng	95
4) n-Nitrosodimethylamine	3.85	42	34252	20.270	ng	93
6) Aniline	7.42	93	101083	14.763	ng	96
8) 2-Chlorophenol	7.66	128	157431	36.257	ng	99
9) Benzaldehyde	7.23	77	135207	38.511	ng	97
10) Phenol	7.27	94	83144	14.040	ng	95
11) bis(2-Chloroethyl)ether	7.51	93	186702	41.511	ng	96
12) 1,3-Dichlorobenzene	7.98	146	200176	41.410	ng	98
13) 1,4-Dichlorobenzene	8.13	146	202651	40.984	ng	97
14) 1,2-Dichlorobenzene	8.45	146	194430	40.877	ng	99
15) Benzyl Alcohol	8.33	79	109220	26.337	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	337528	41.942	ng	98
17) 2-Methylphenol	8.53	107	116872	29.852	ng	98
18) Hexachloroethane	9.18	117	75551	44.818	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	154257	39.913	ng	96
20) 3+4-Methylphenols	8.86	107	144105	25.745	ng	98
22) Acetophenone	8.92	105	303373	44.112	ng	# 97
24) Nitrobenzene	9.31	77	228108	44.856	ng	96
25) Isophorone	9.83	82	440021	49.196	ng	95
26) 2-Nitrophenol	10.02	139	110002	48.017	ng	94
27) 2,4-Dimethylphenol	10.07	122	181540	44.383	ng	94
28) bis(2-Chloroethoxy)methane	10.31	93	271119	46.266	ng	98
29) 2,4-Dichlorophenol	10.55	162	197655	43.401	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	217018	43.819	ng	95
31) Naphthalene	10.97	128	635342	47.171	ng	98
32) Benzoic acid	10.16	122	29147	10.971	ng	98
33) 4-Chloroaniline	11.07	127	76706	12.121	ng	94
34) Hexachlorobutadiene	11.23	225	130820	44.568	ng	99
35) Caprolactam	11.86	113	35425	19.395	ng	90
36) 4-Chloro-3-methylphenol	12.18	107	197928	38.537	ng	98
37) 2-Methylnaphthalene	12.56	142	488493	49.753	ng	99
38) 1-Methylnaphthalene	12.78	142	475078	49.825	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	252398	44.935	ng	99

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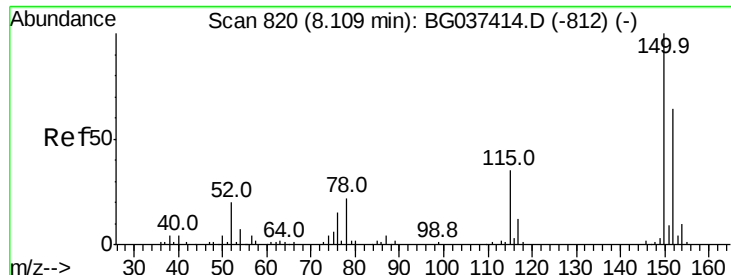
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	294326	109.697	nq	98
43) 2,4,6-Trichlorophenol	13.16	196	172625	46.001	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	183409	44.890	nq	96
46) 1,1'-Biphenyl	13.57	154	615378	42.670	nq	99
47) 2-Chloronaphthalene	13.61	162	486033	44.546	nq	97
48) 2-Nitroaniline	13.82	65	157541	47.614	nq	92
49) Acenaphthylene	14.46	152	784972	47.827	nq	98
50) Dimethylphthalate	14.18	163	607315	45.081	nq	100
51) 2,6-Dinitrotoluene	14.31	165	138770	46.564	nq	93
52) Acenaphthene	14.79	154	474887	46.981	nq	99
53) 3-Nitroaniline	14.64	138	63332	19.142	nq	98
54) 2,4-Dinitrophenol	14.85	184	124005	87.978	nq	95
55) Dibenzofuran	15.13	168	757142	45.210	nq	98
56) 4-Nitrophenol	14.94	139	102623	41.905	nq	98
57) 2,4-Dinitrotoluene	15.09	165	197196	50.407	nq	95
58) Fluorene	15.78	166	623385	49.707	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	161615m	46.200	nq	
60) Diethylphthalate	15.53	149	617632	44.656	nq	98
61) 4-Chlorophenyl-phenylether	15.76	204	313633	42.906	nq	97
62) 4-Nitroaniline	15.81	138	136659	41.569	nq	90
63) Azobenzene	16.06	77	581793	44.088	nq	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	101471	50.219	nq	99
66) n-Nitrosodiphenylamine	15.98	169	527109	45.943	nq	100
67) 4-Bromophenyl-phenylether	16.66	248	192284	45.906	nq	97
68) Hexachlorobenzene	16.77	284	193779	44.638	nq	99
69) Atrazine	16.92	200	195918	47.230	nq	99
70) Pentachlorophenol	17.11	266	221315	76.110	nq	99
71) Phenanthrene	17.52	178	975600	50.328	nq	99
72) Anthracene	17.61	178	953264	50.110	nq	97
73) Carbazole	17.88	167	852094	44.778	nq	99
74) Di-n-butylphthalate	18.41	149	1023815	48.365	nq	99
75) Fluoranthene	19.52	202	1076373	48.957	nq	98
77) Benzidine	19.71	184	314773	26.895	nq	99
78) Pyrene	19.89	202	1069026	47.509	nq	99
80) Butylbenzylphthalate	20.76	149	472202	51.277	nq	96
81) Benzo(a)anthracene	21.74	228	1013227	49.767	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	184118	23.331	nq	99
83) Chrysene	21.81	228	959130	48.992	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	676369	52.398	nq	99
85) Di-n-octyl phthalate	22.86	149	1130999	53.732	nq	98
86) Indeno(1,2,3-cd)pyrene	28.91	276	933319	44.449	nq	# 91
88) Benzo(b)fluoranthene	24.02	252	991165	50.874	nq	99
89) Benzo(k)fluoranthene	24.09	252	968803	50.755	nq	97
90) Benzo(a)pyrene	24.94	252	962712	52.002	nq	98
91) Dibenzo(a,h)anthracene	28.97	278	782891	45.845	nq	97
92) Benzo(g,h,i)perylene	30.11	276	796317	46.092	nq	100

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



#1

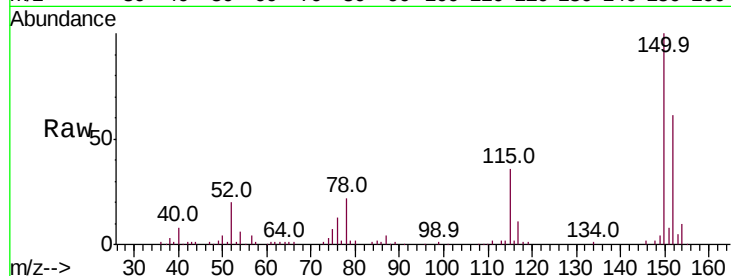
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.4	126.0	189.0
115	58.8	45.5	68.3

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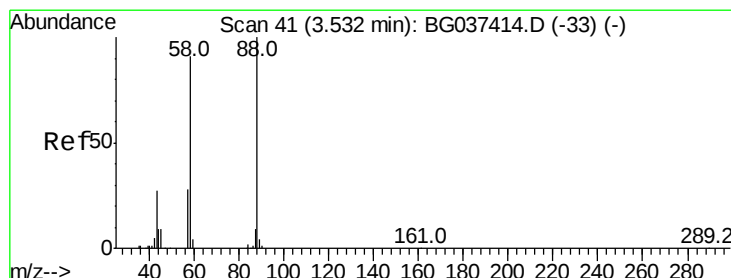
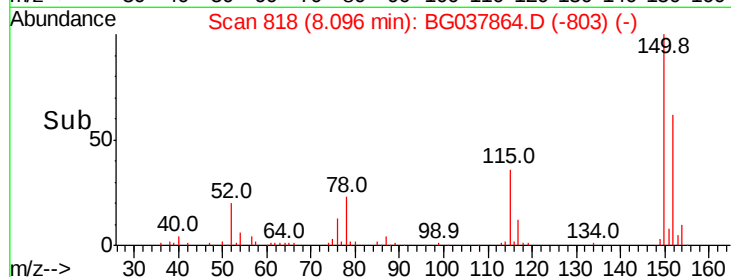
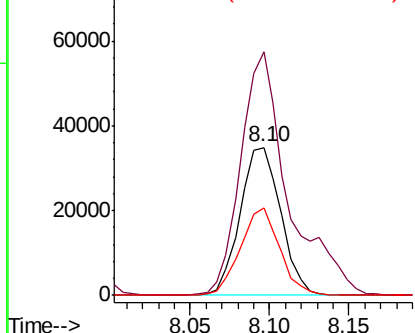


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

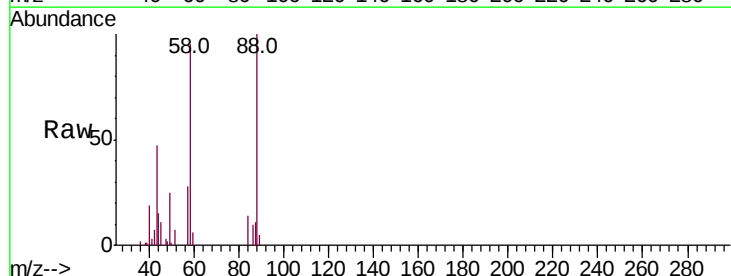
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 13.190 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	74.4	111.6
43	38.7	25.8	38.8

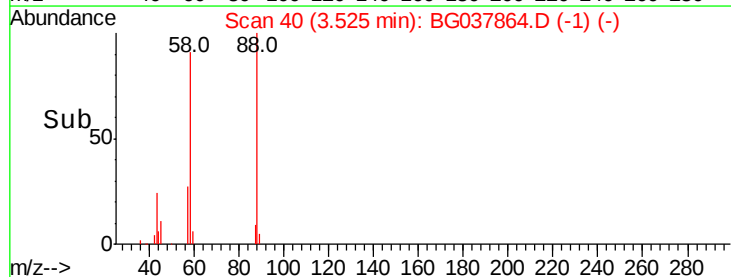
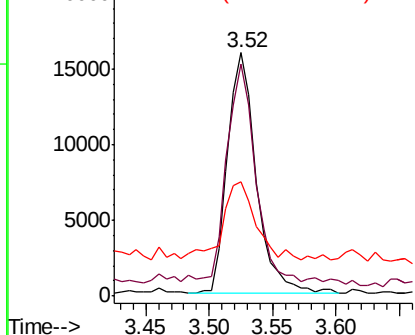


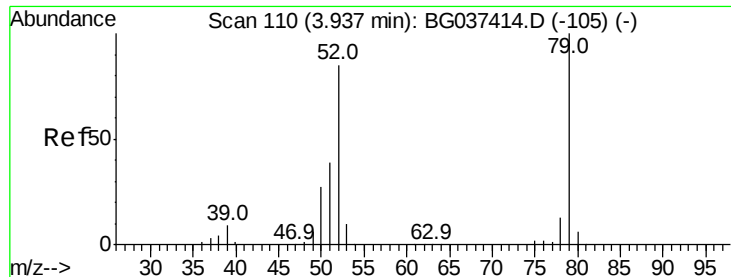
Abundance

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: 14.242 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

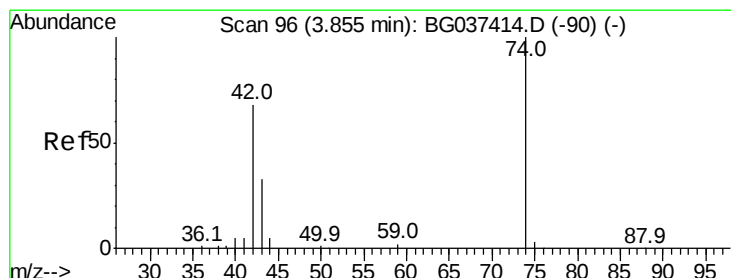
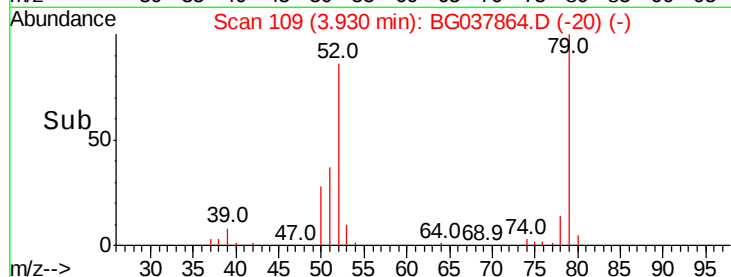
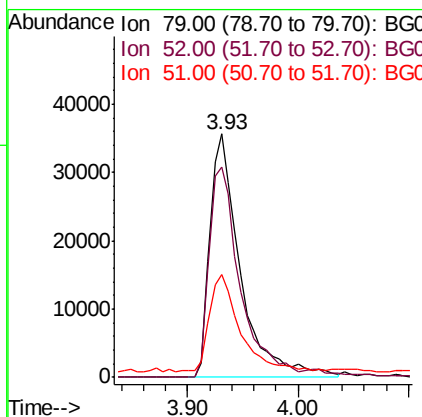
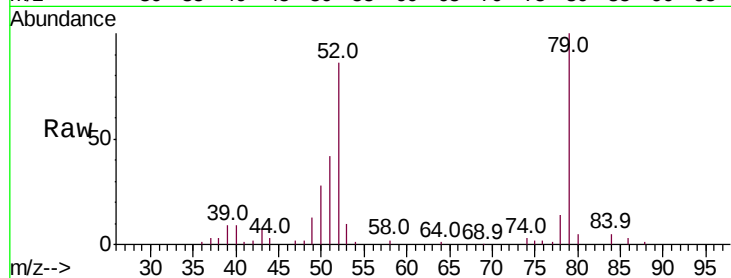
ClientSampleId :

C19013081MS

Tot Ion:	79	Resp:	67567
Ion	Ratio	Lower	Upper
79	100		
52	86.4	74.2	111.2
51	42.4	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 20.270 ng

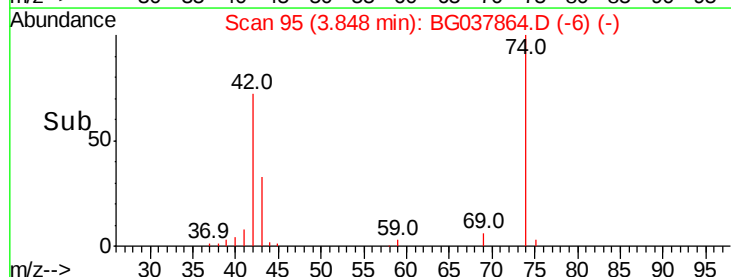
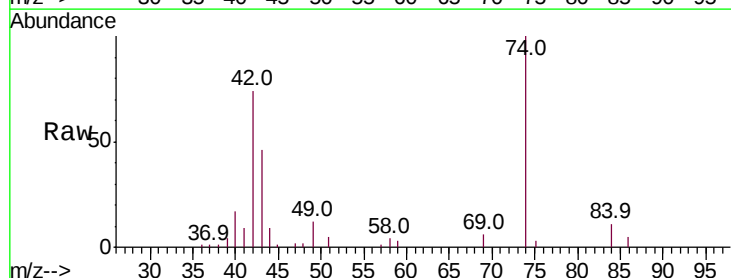
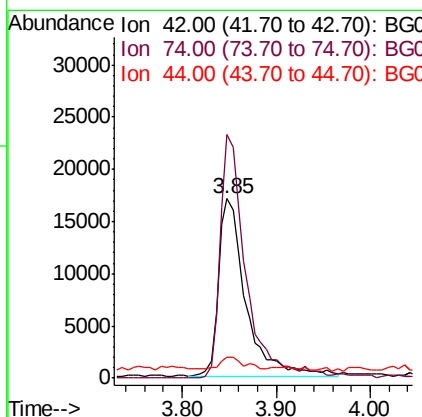
RT: 3.85 min Scan# 95

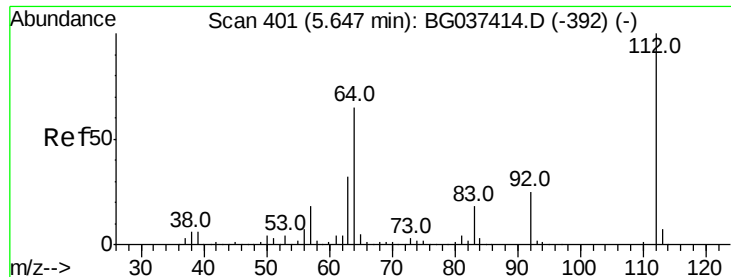
Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion:	42	Resp:	34252
Ion	Ratio	Lower	Upper
42	100		
74	135.9	102.0	153.0
44	11.9	9.6	14.4





#5

2-Fluorophenol

Concen: 55.164 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

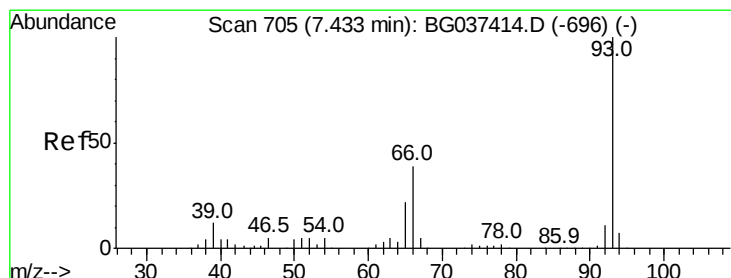
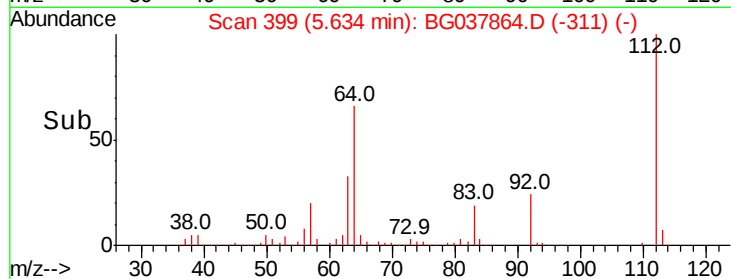
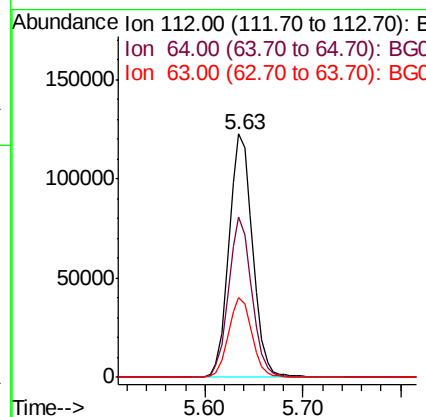
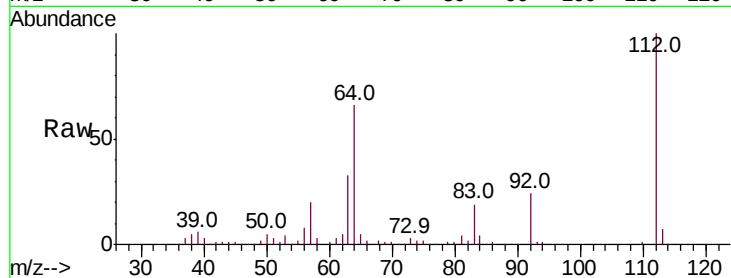
ClientSampleId :

C19013081MS

Tot Ion:	112	Resp:	204751
Ion Ratio	Lower	Upper	
112	100		
64	65.8	53.1	79.7
63	32.7	27.3	40.9

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#6

Aniline

Concen: 14.763 ng

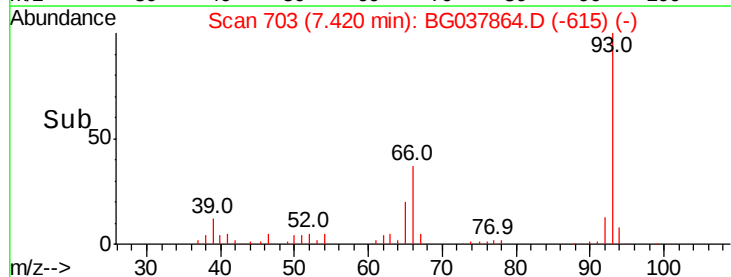
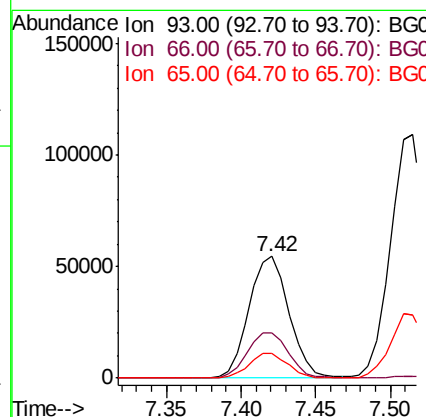
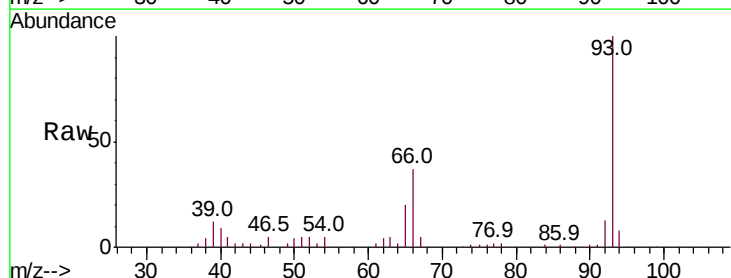
RT: 7.42 min Scan# 703

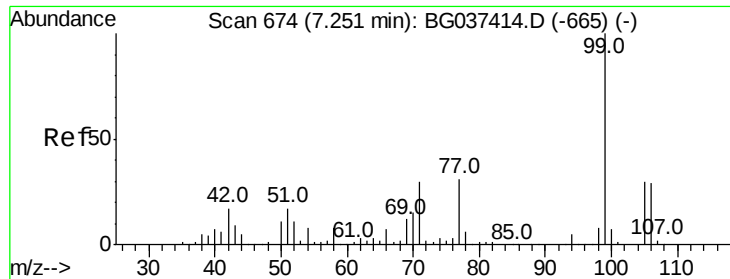
Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion:	93	Resp:	101083
Ion Ratio	Lower	Upper	
93	100		
66	37.5	32.8	49.2
65	20.5	16.4	24.6





#7

Phenol-d6

Concen: 32.903 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

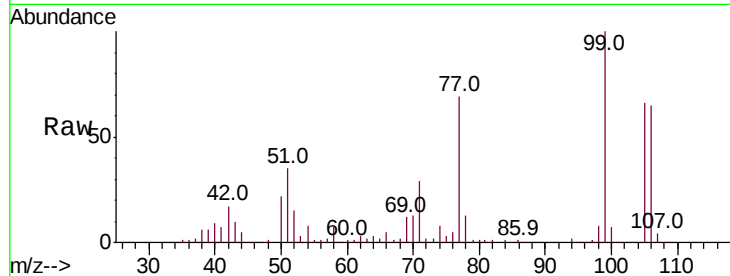
ClientSampleId :

C19013081MS

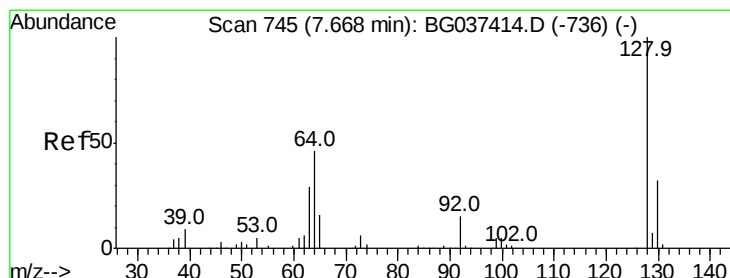
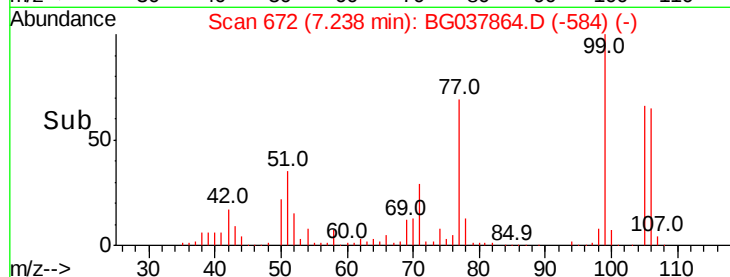
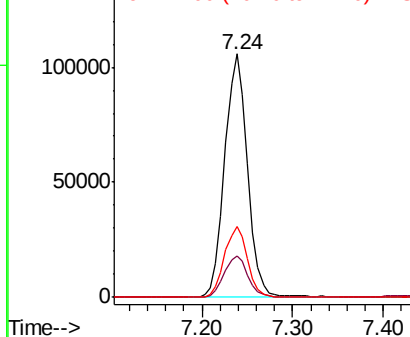
Tot Ion:	99	Resp:	184670
Ion Ratio	Lower	Upper	
99	100		
42	16.9	15.0	22.4
71	29.1	25.5	38.3

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



#8

2-Chlorophenol

Concen: 36.257 ng

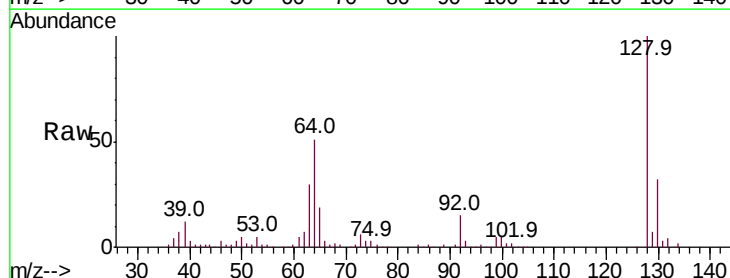
RT: 7.66 min Scan# 743

Delta R.T. -0.01 min

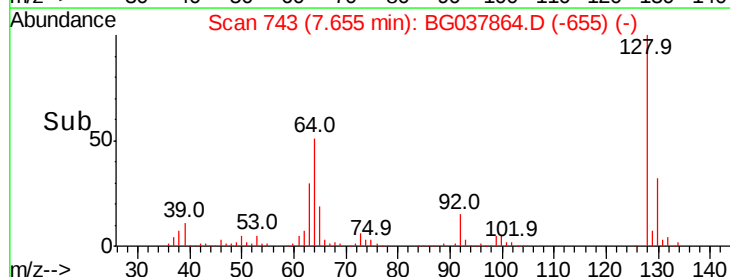
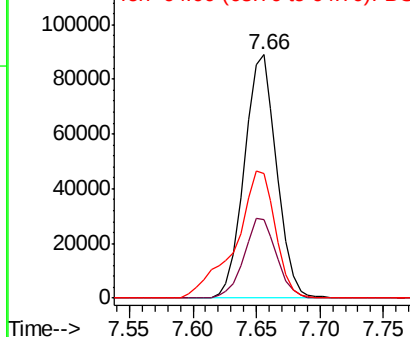
Lab File: BG037864.D

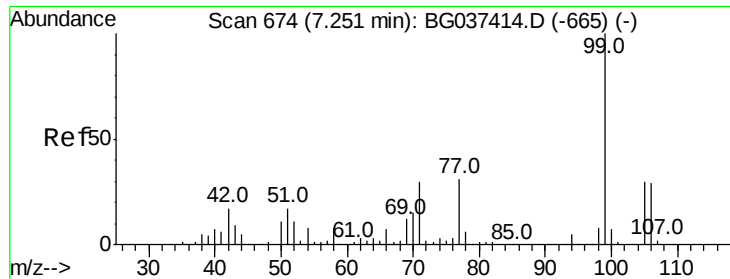
Acq: 7 Nov 2018 14:08

Tgt Ion:	128	Resp:	157431
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.0	52.0
64	51.4	32.9	72.9



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





#9

Benzaldehyde

Concen: 38.511 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

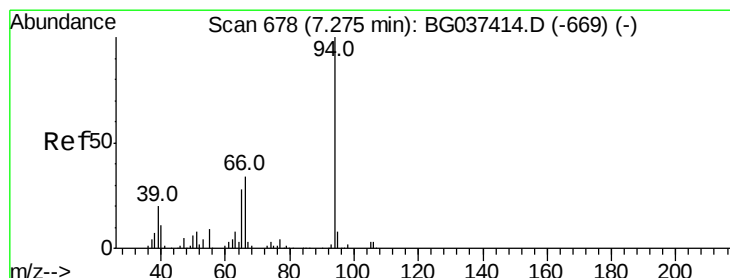
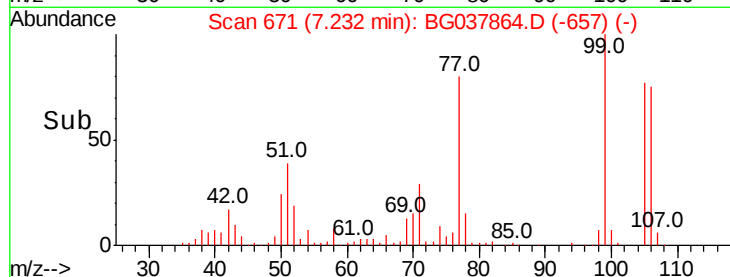
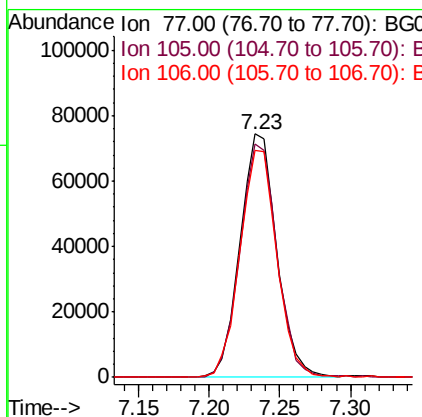
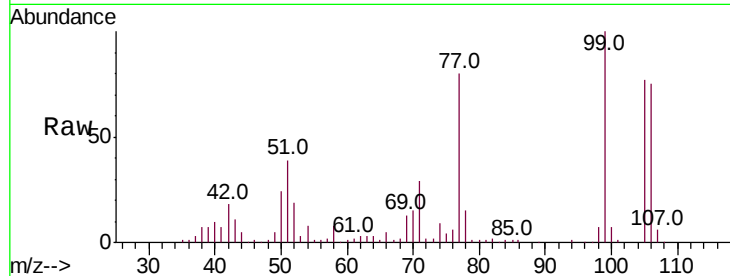
ClientSampleId :

C19013081MS

Tot Ion:	77	Resp:	135207
Ion Ratio	Lower	Upper	
77	100		
105	95.9	72.6	112.6
106	93.5	71.3	111.3

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#10

Phenol

Concen: 14.040 ng

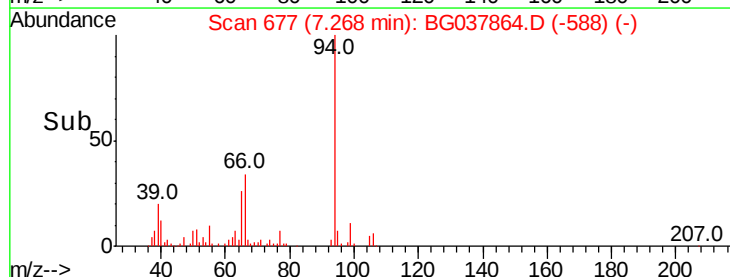
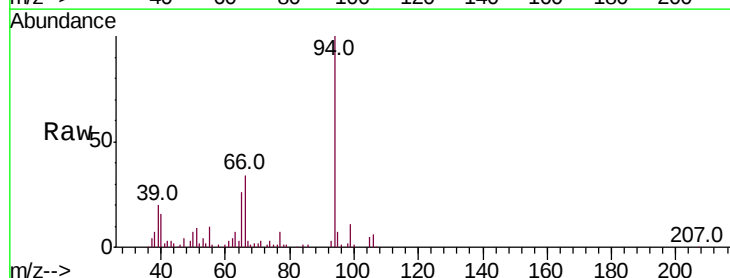
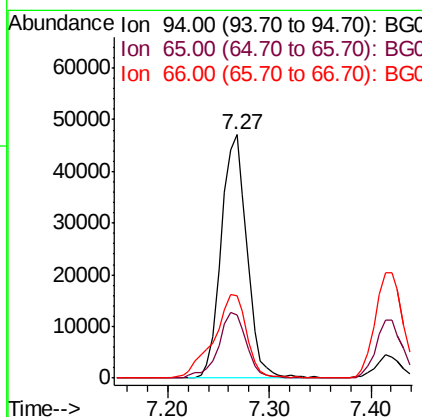
RT: 7.27 min Scan# 677

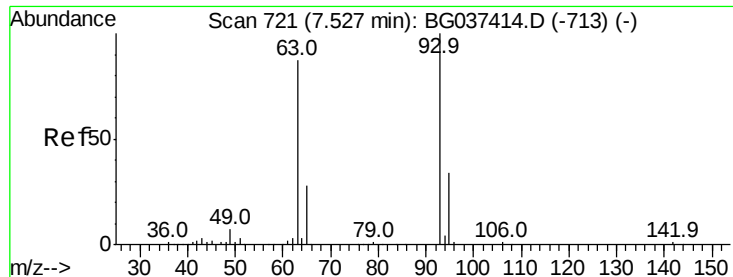
Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion:	94	Resp:	83144
Ion Ratio	Lower	Upper	
94	100		
65	26.1	9.7	49.7
66	33.9	15.9	55.9





#11

bis(2-Chloroethyl)ether

Concen: 41.511 ng

RT: 7.51 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

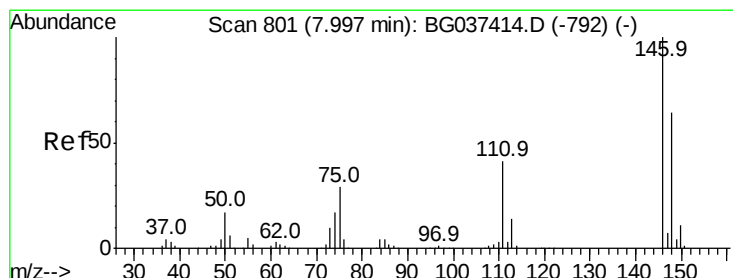
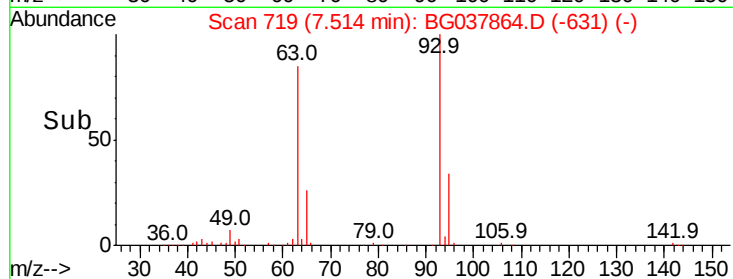
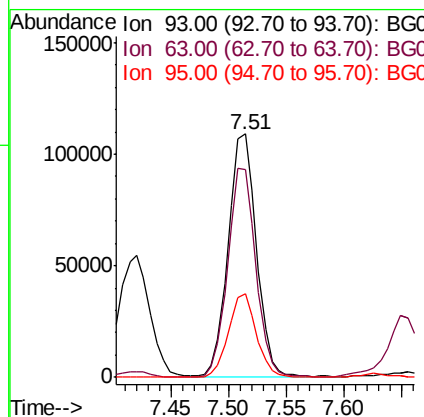
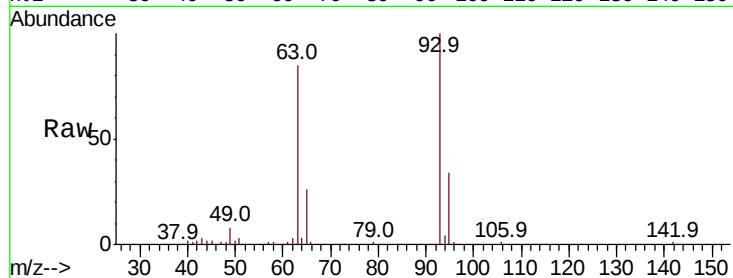
C19013081MS

Tot Ion: 93 Resp: 186702

Ion	Ratio	Lower	Upper
93	100		
63	85.2	69.5	109.5
95	34.2	12.6	52.6

Manual Integrations
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Sohil
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#12

1,3-Dichlorobenzene

Concen: 41.410 ng

RT: 7.98 min Scan# 798

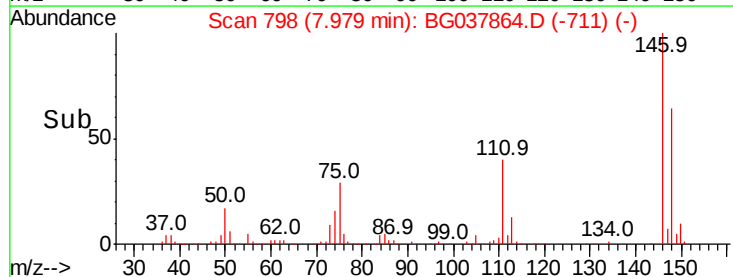
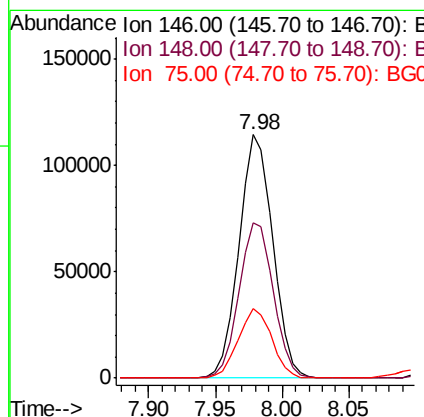
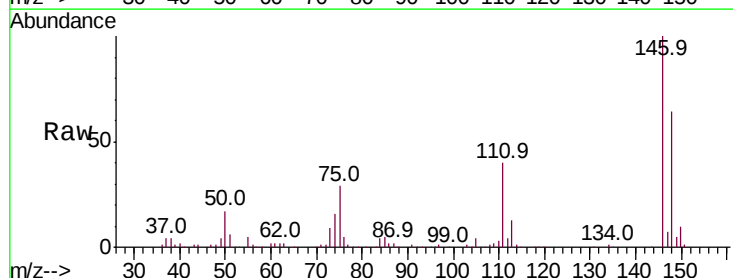
Delta R.T. -0.02 min

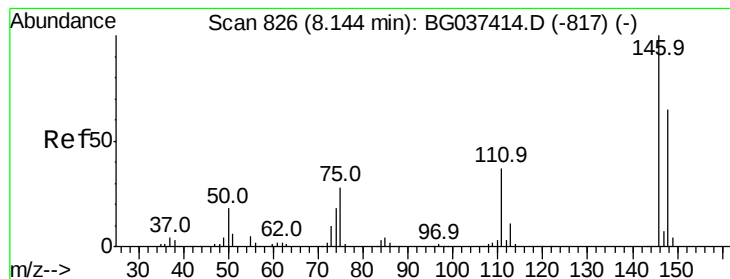
Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion: 146 Resp: 200176

Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.8	74.8
75	28.7	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 40.984 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

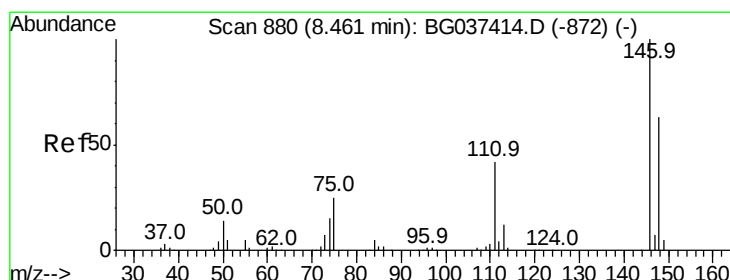
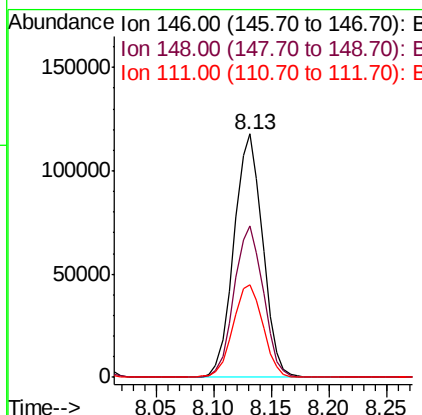
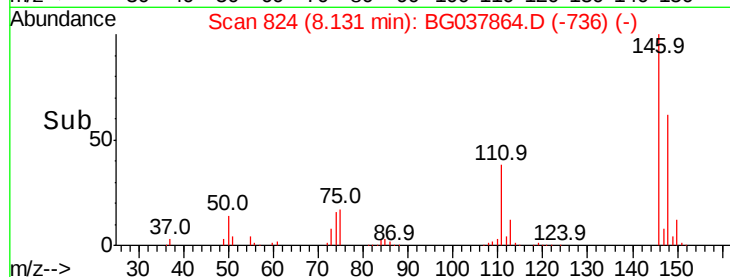
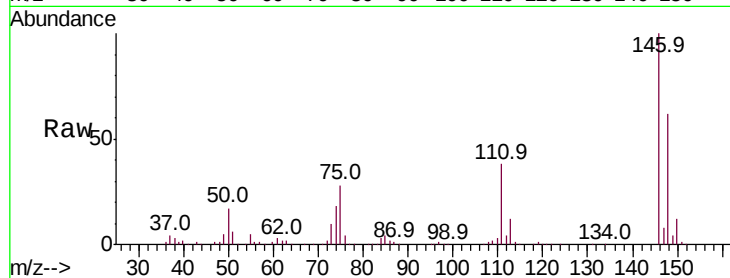
ClientSampleId :

C19013081MS

Tot Ion:	146	Resp:	202651
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.0	76.6
111	38.2	32.4	48.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.877 ng

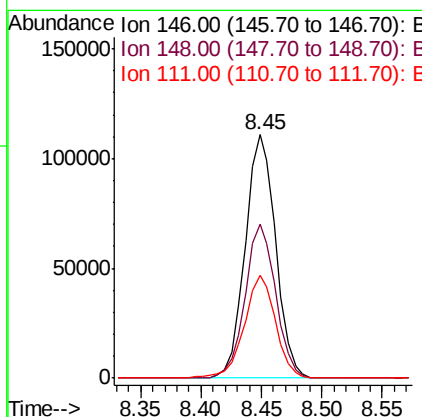
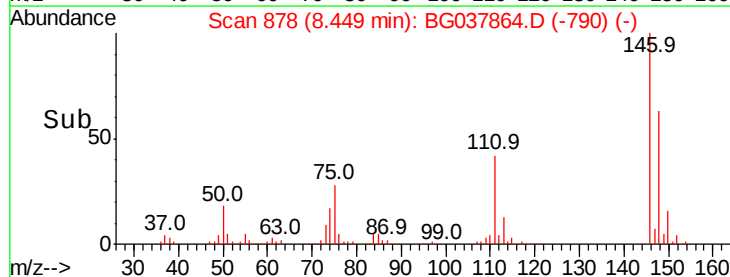
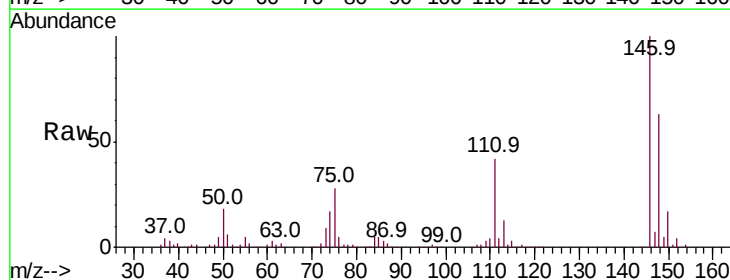
RT: 8.45 min Scan# 878

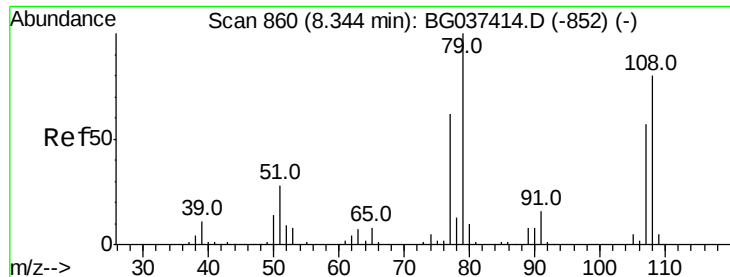
Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion:	146	Resp:	194430
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.4	75.6
111	42.0	34.6	51.8





#15

Benzyl Alcohol

Concen: 26.337 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

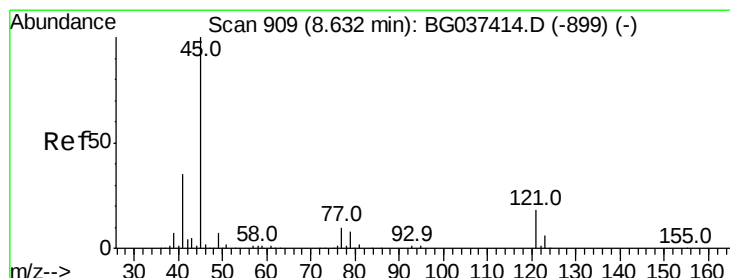
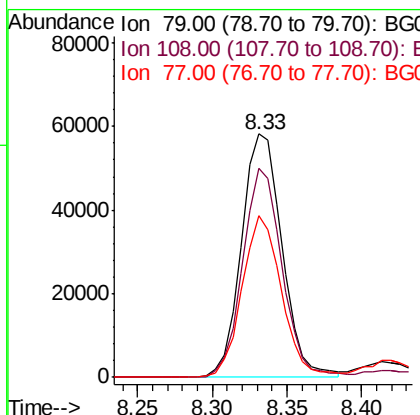
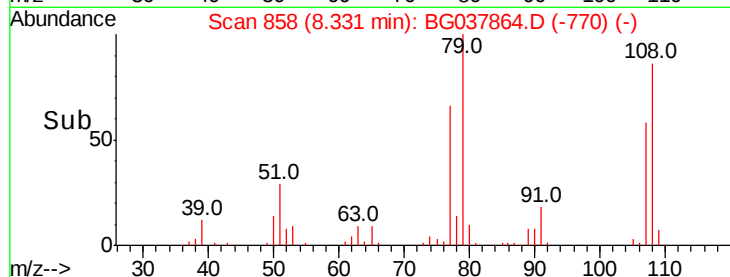
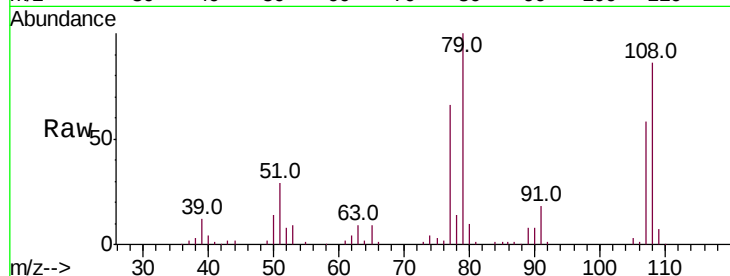
ClientSampleId :

C19013081MS

Tot Ion:	79	Resp:	109220
Ion Ratio	Lower	Upper	
79	100		
108	86.0	65.8	98.8
77	66.3	52.9	79.3

Manual Integrations
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Sohil
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.942 ng

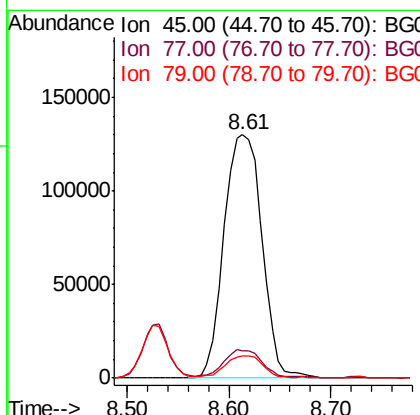
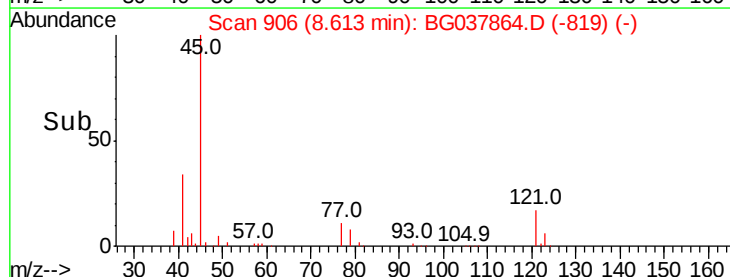
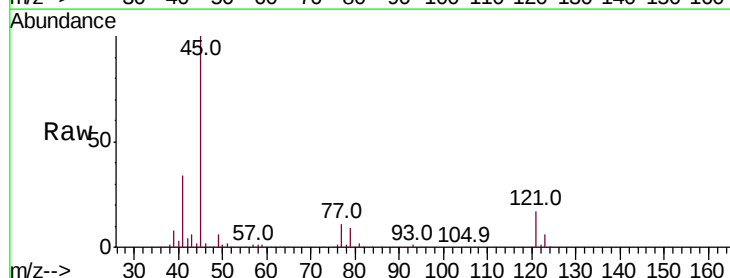
RT: 8.61 min Scan# 906

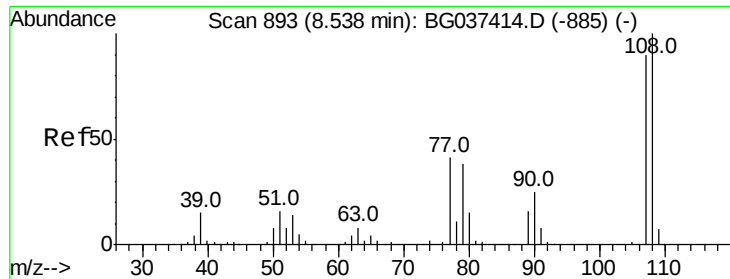
Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion:	45	Resp:	337528
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	30.0
79	9.1	0.0	29.0





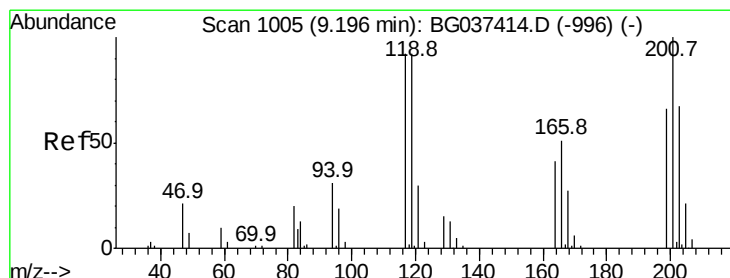
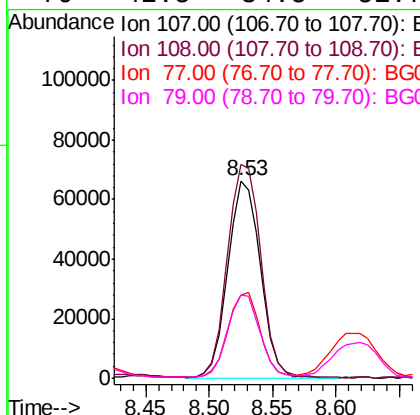
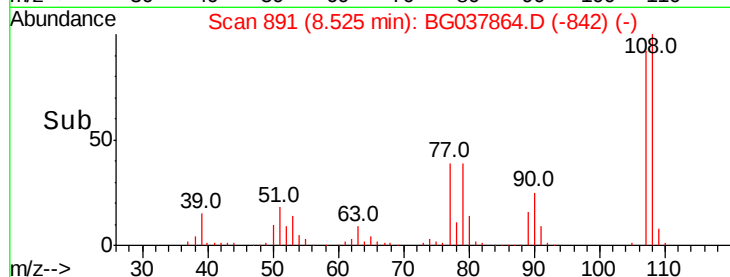
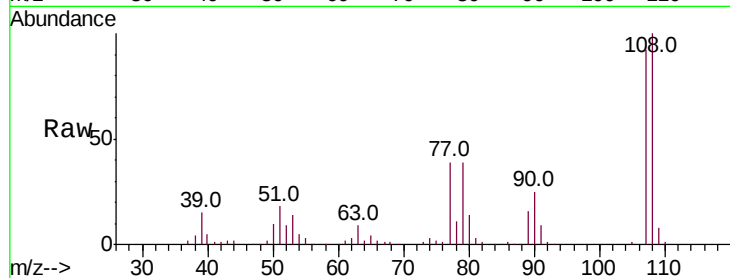
#17
2-Methylphenol
Concen: 29.852 ng
RT: 8.53 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	87.9	131.9	
77	42.4	35.1	52.7	
79	42.5	34.5	51.7	

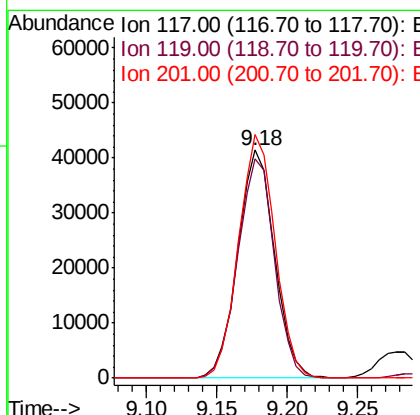
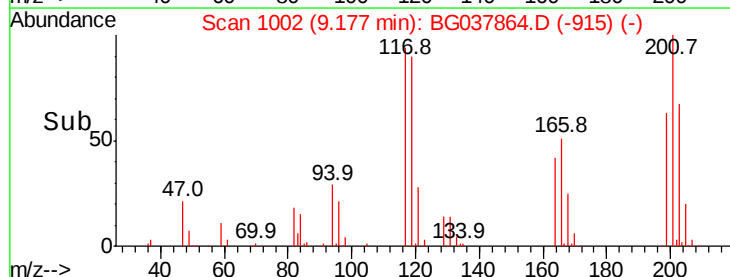
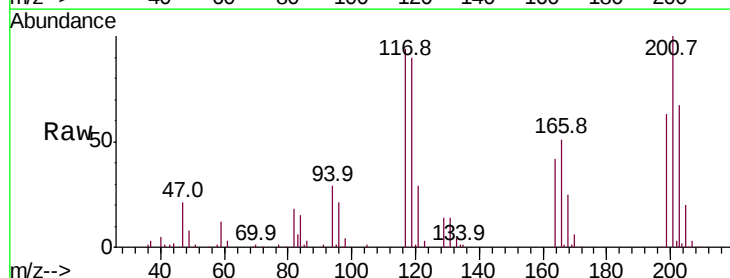
Manual Integrations
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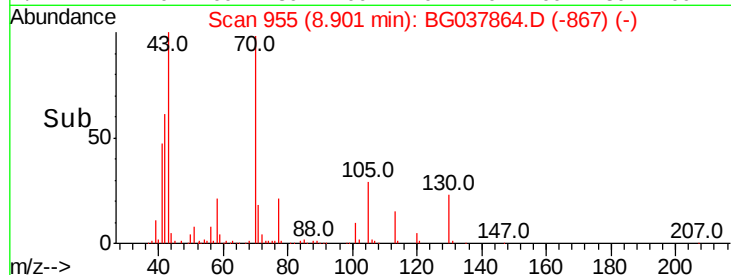
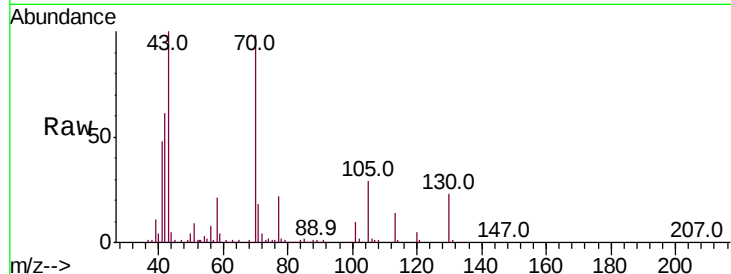
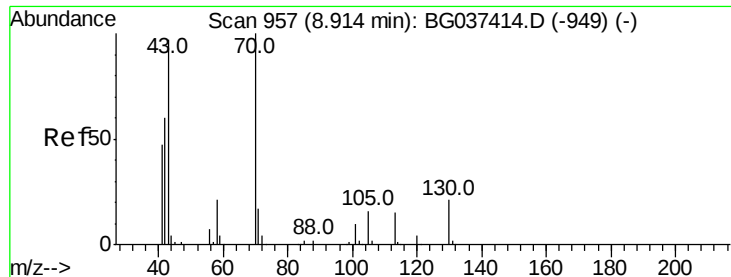
Sohil
11/9/2018 1:37:06 PM



#18
Hexachloroethane
Concen: 44.818 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	74.6	111.8	
201	106.8	80.8	121.2	





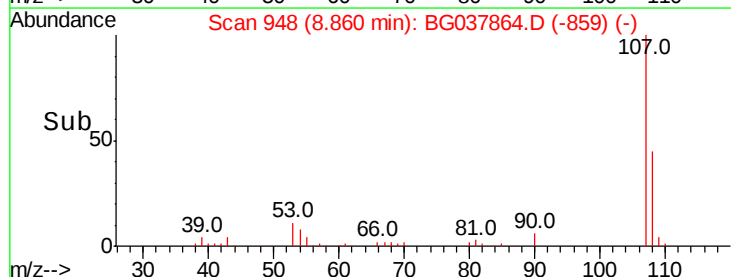
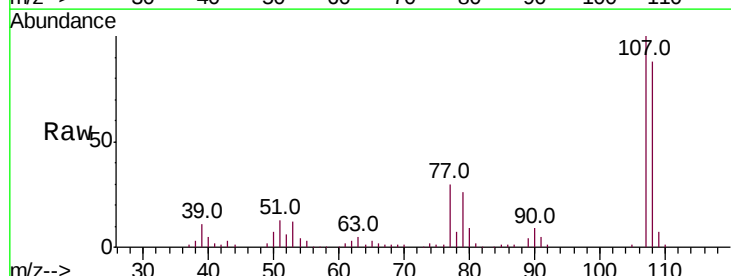
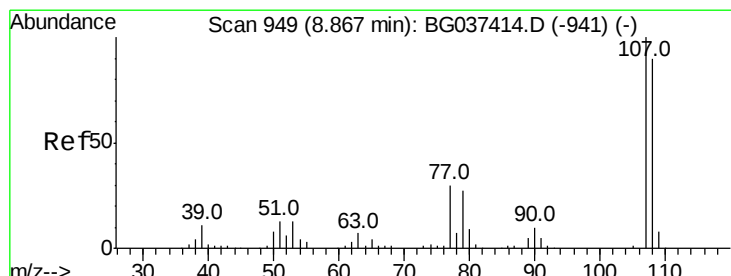
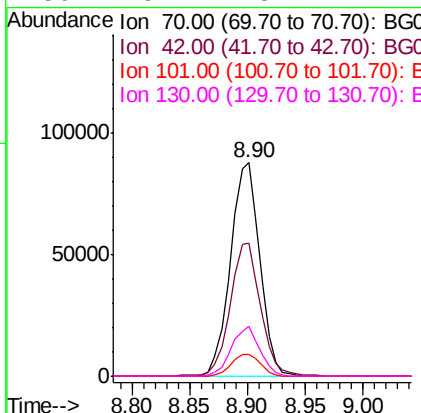
#19
n-Nitroso-di-n-propylamine
Concen: 39.913 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.5	53.9	80.9
101	10.4	8.2	12.2
130	23.2	18.2	27.4

Instrument :
BNA_G
ClientSampled :
C19013081MS

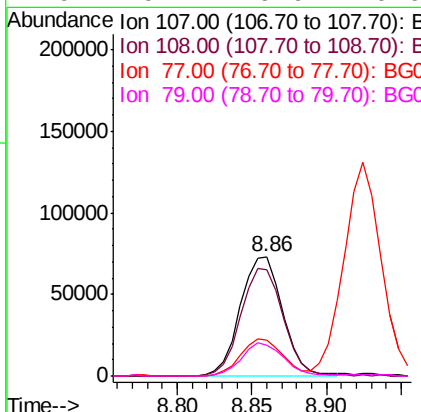
Manual Integrations
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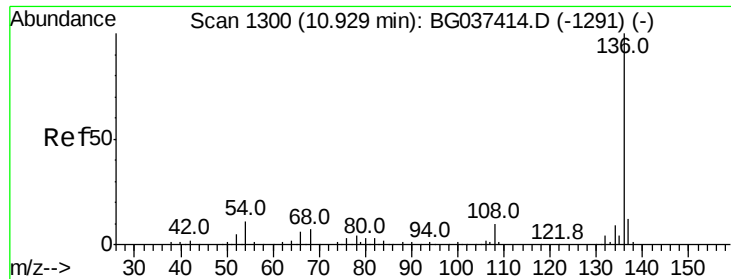
Sohil
11/9/2018 1:37:06 PM



#20
3+4-Methylphenols
Concen: 25.745 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	69.9	109.9
77	30.0	11.2	51.2
79	26.1	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

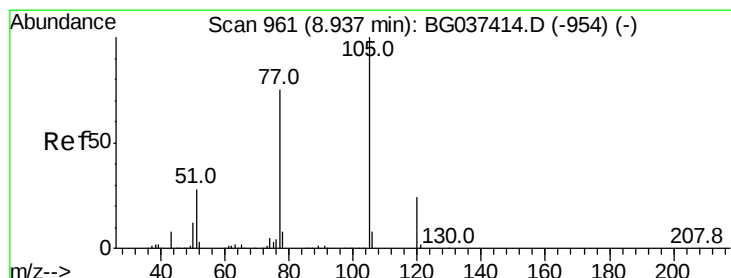
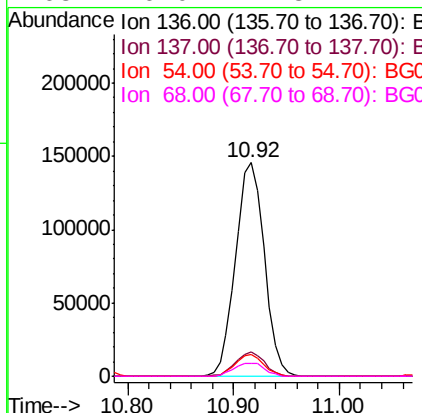
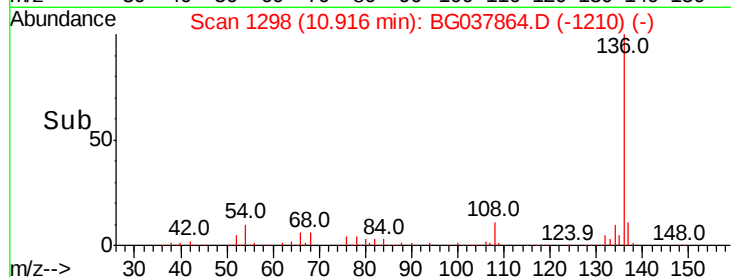
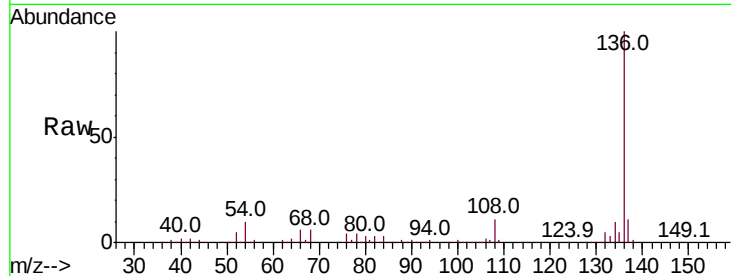
ClientSampleId :

C19013081MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.3	7.9	11.9
68	6.0	4.8	7.2

Manual Integrations
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#22

Acetophenone

Concen: 44.112 ng

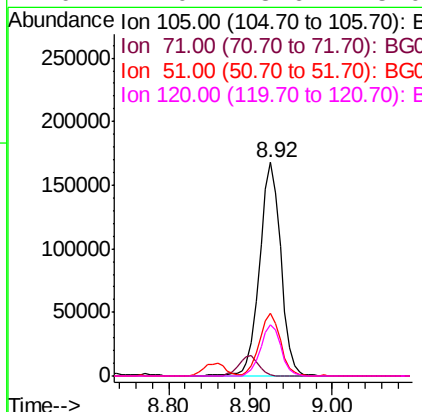
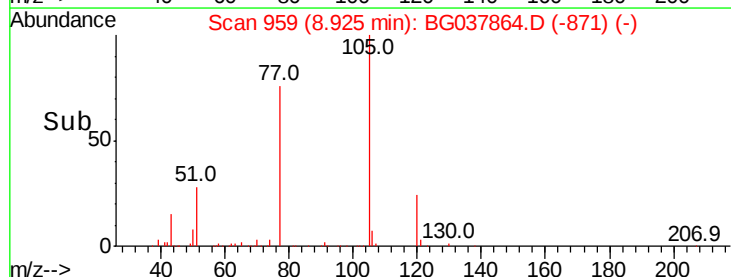
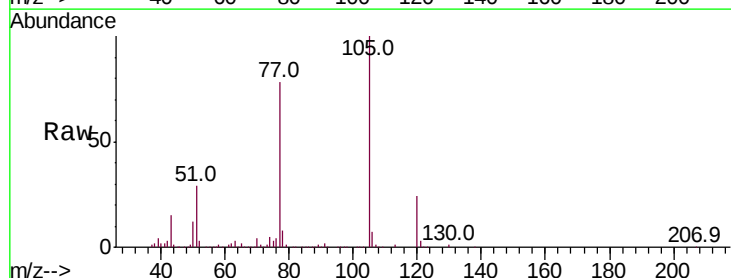
RT: 8.92 min Scan# 959

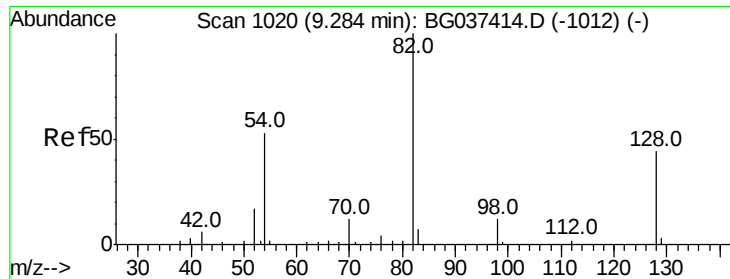
Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.2	1.8#
51	29.2	25.0	37.6
120	24.0	18.6	28.0





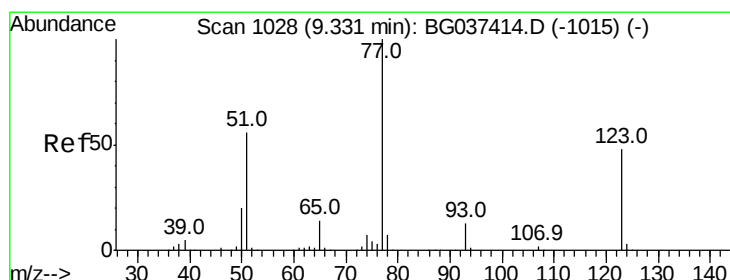
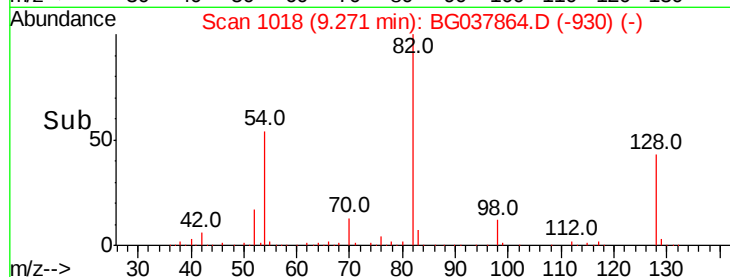
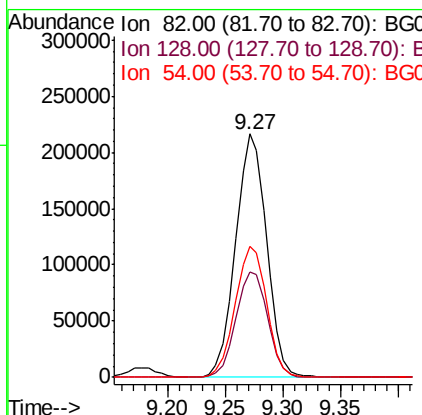
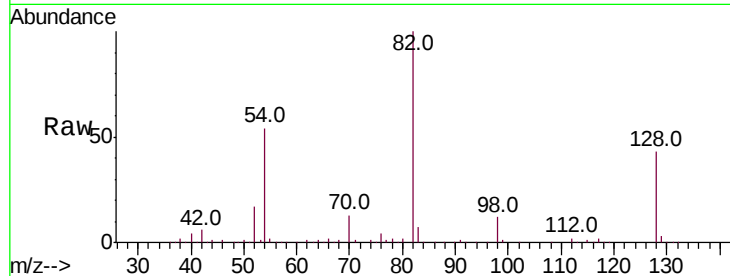
#23
Nitrobenzene-d5
Concen: 82.363 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.3	34.6	51.8	
54	53.8	45.3	67.9	

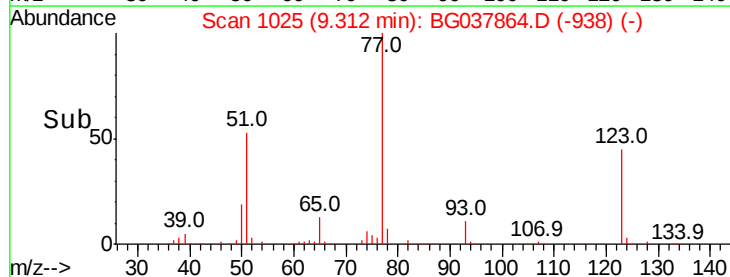
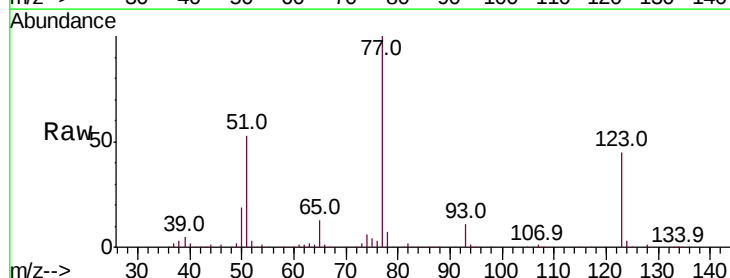
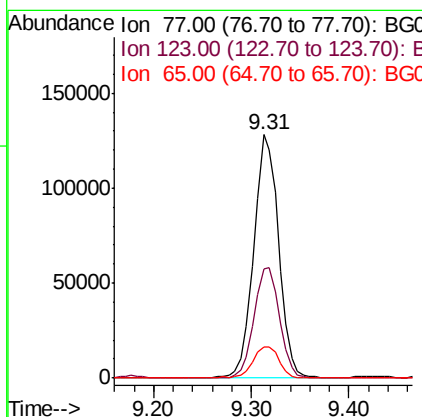
Manual Integrations
APPROVED

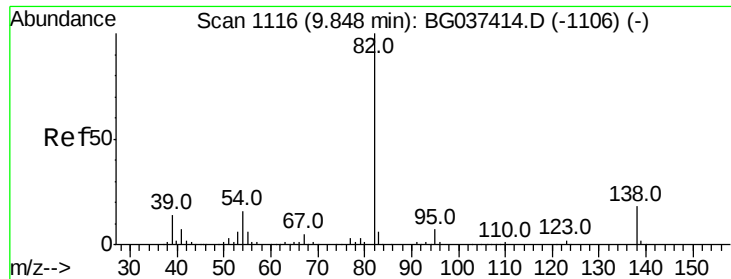
Sohil
11/9/2018 1:37:06 PM



#24
Nitrobenzene
Concen: 44.856 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.6	33.6	50.4	
65	13.0	11.3	16.9	





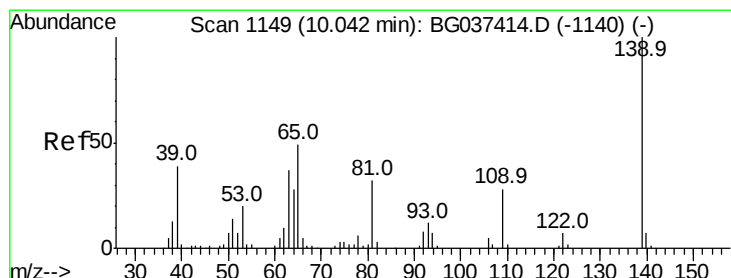
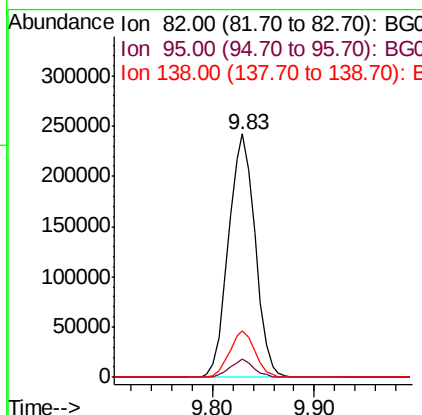
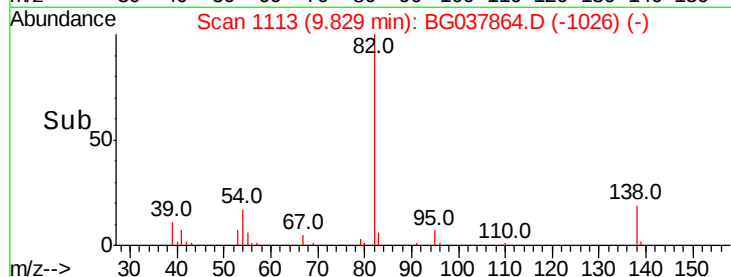
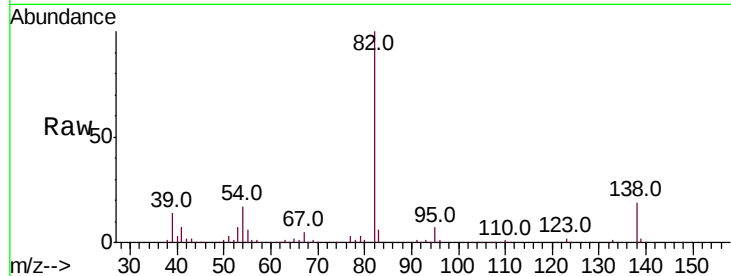
#25
Isophorone
Concen: 49.196 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.3	7.9
138	19.2	13.3	19.9

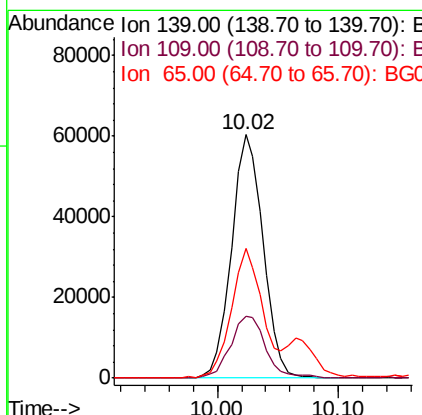
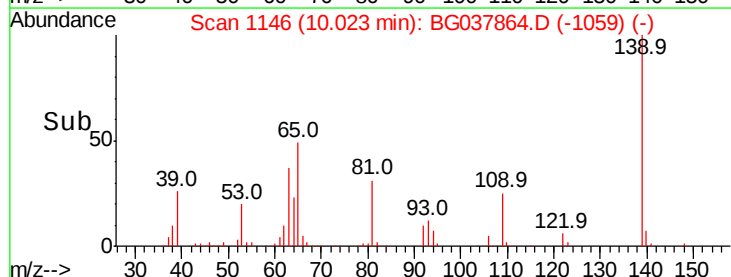
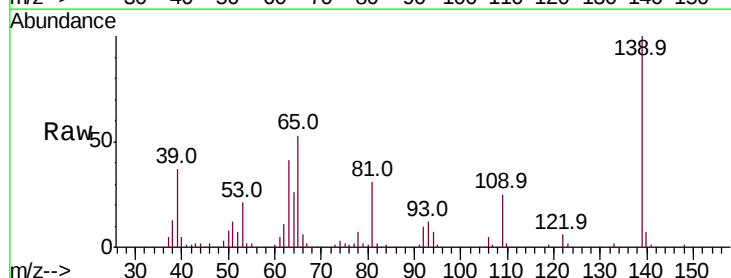
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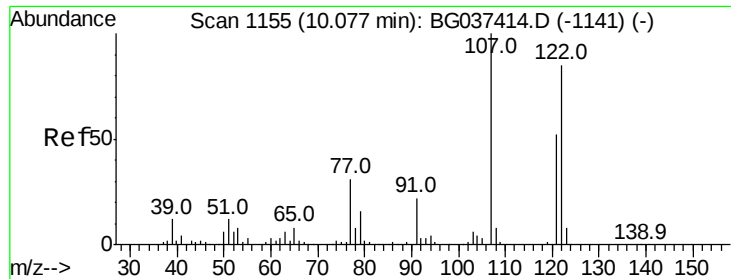
Sohil
11/9/2018 1:37:06 PM



#26
2-Nitrophenol
Concen: 48.017 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.4	23.3	34.9
65	53.2	39.8	59.8





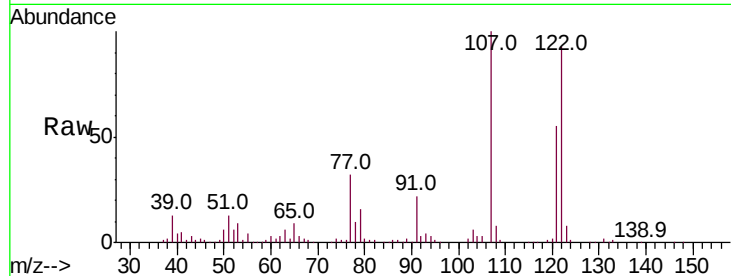
#27
2,4-Dimethylphenol
Concen: 44.383 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.5	94.2	141.2
121	58.7	47.3	70.9

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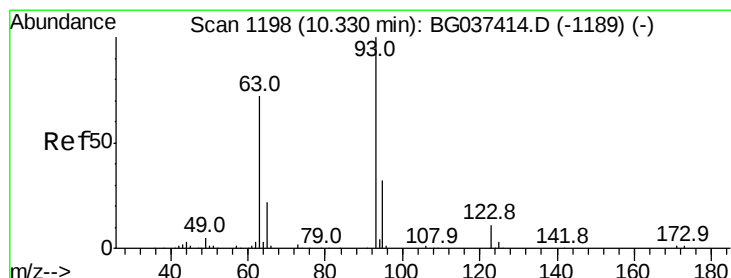
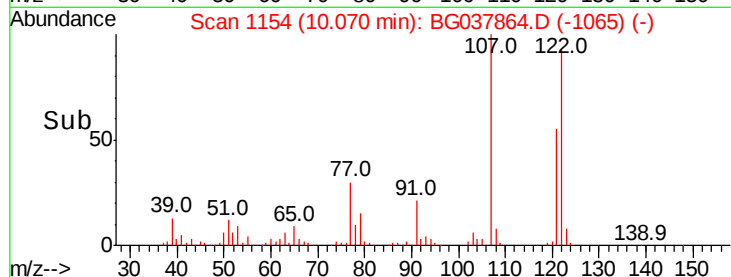
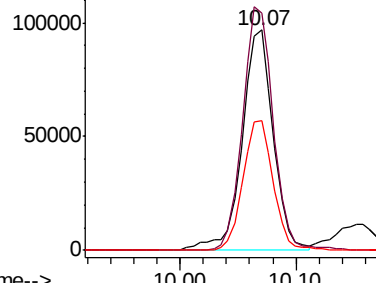


Abundance

Ion 122.00 (121.70 to 122.70): E

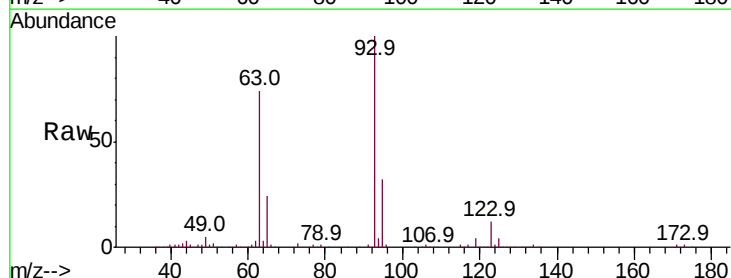
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 46.266 ng
RT: 10.31 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.6	37.0
123	11.8	9.1	13.7

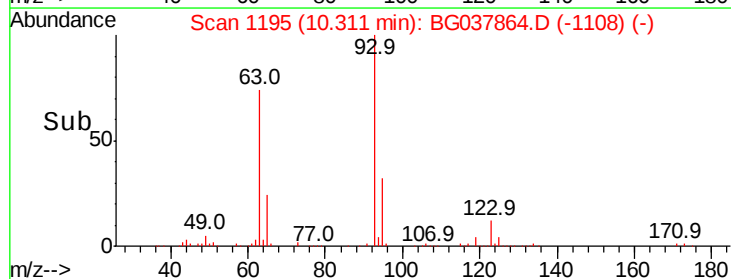
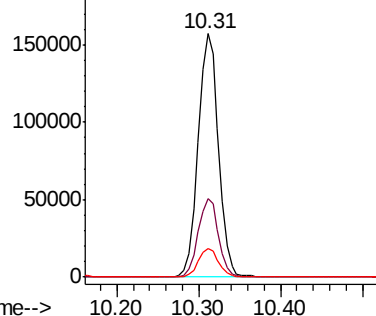


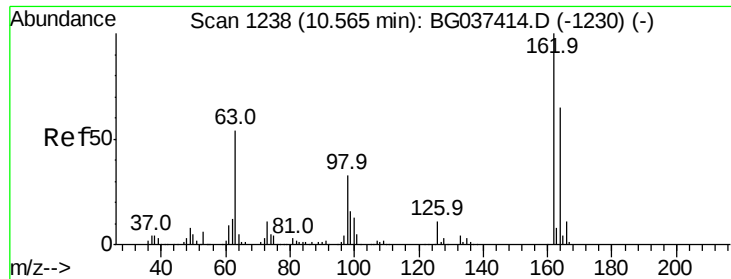
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





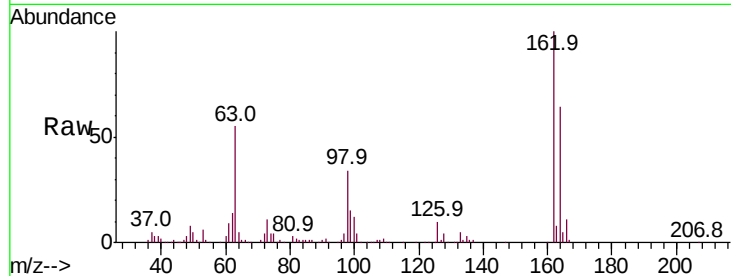
#29
2,4-Dichlorophenol
Concen: 43.401 ng
RT: 10.55 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	43.2	83.2
98	34.3	16.0	56.0

Manual Integrations
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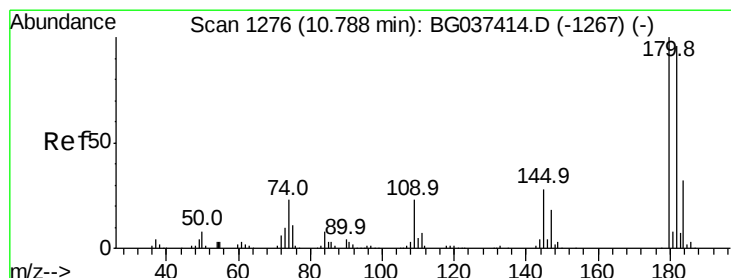
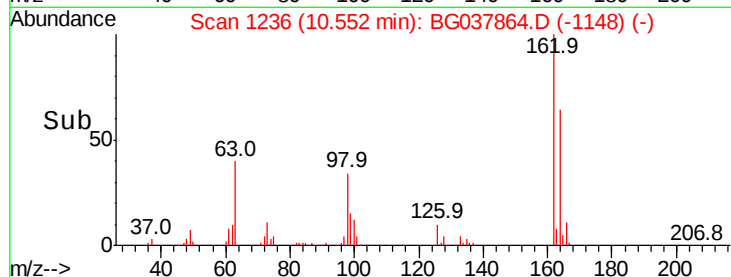
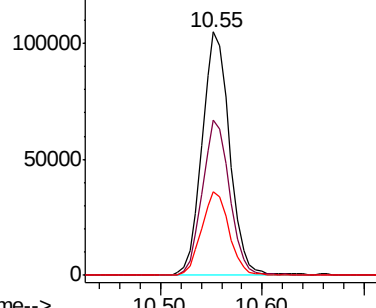


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 43.819 ng
RT: 10.78 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

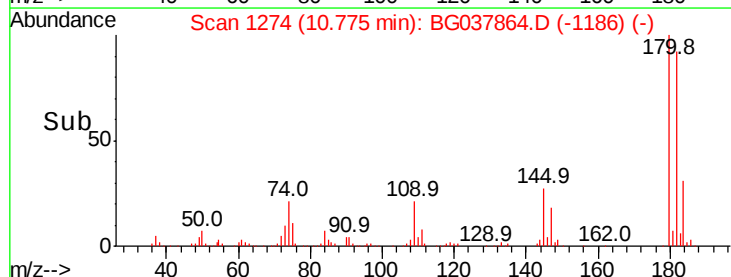
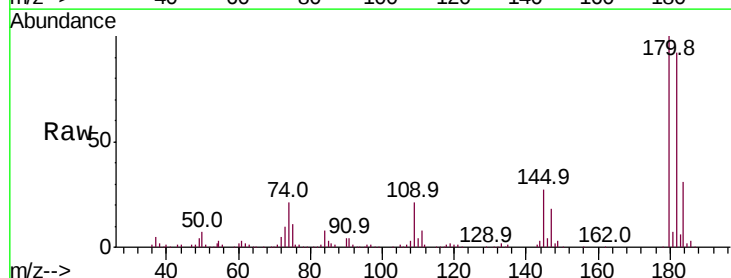
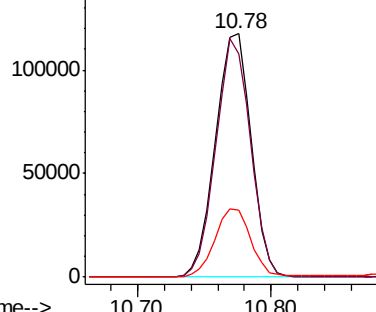
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.5	77.7	116.5
145	27.4	23.3	34.9

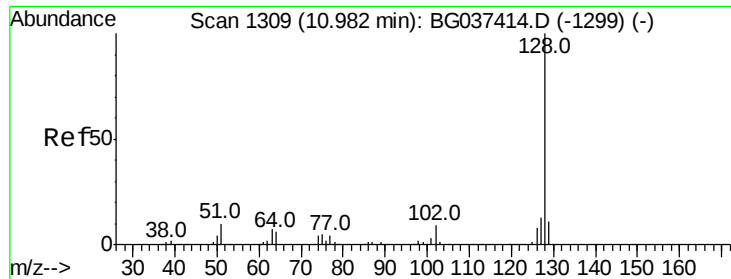
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





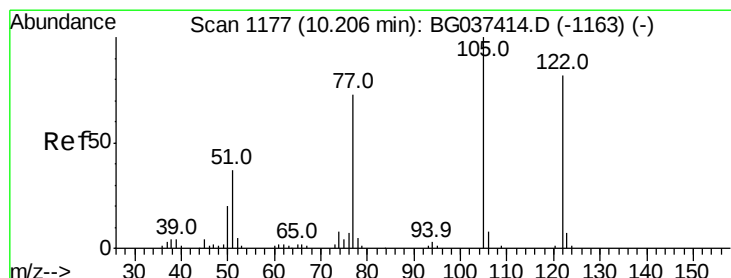
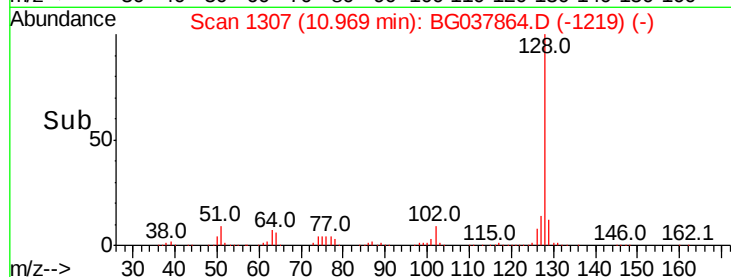
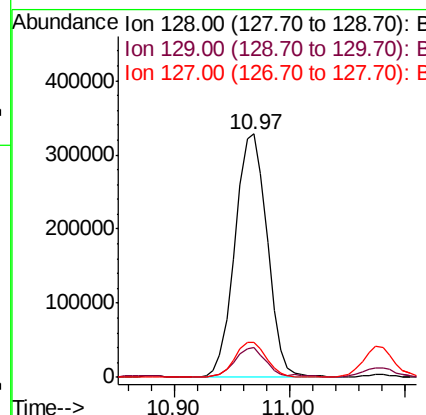
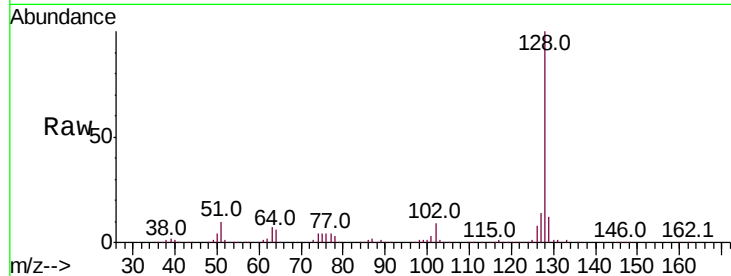
#31
Naphthalene
Concen: 47.171 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.6
127	14.4	11.1	16.7

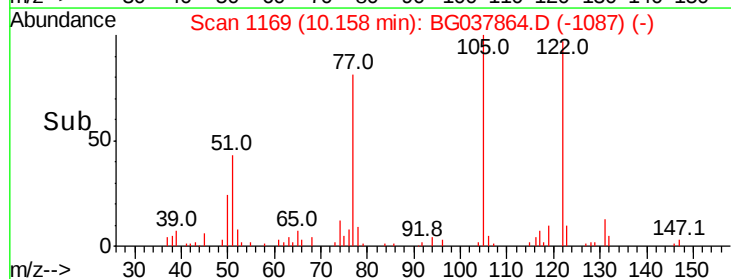
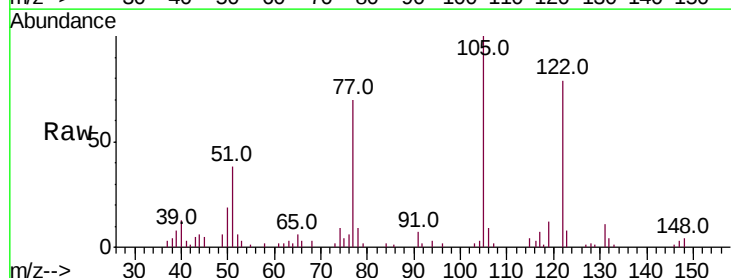
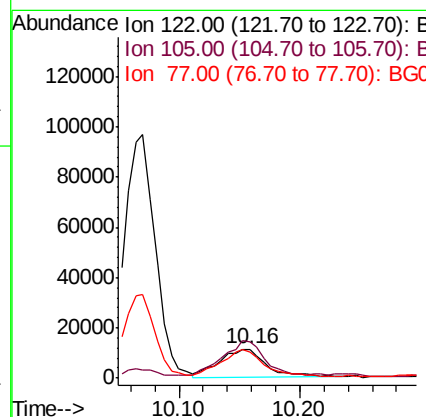
Manual Integrations
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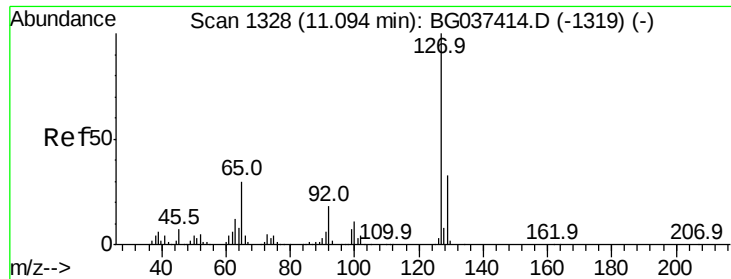
Sohil
11/9/2018 1:37:06 PM



#32
Benzoic acid
Concen: 10.971 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.05 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	106.7	146.7
77	88.7	72.2	112.2





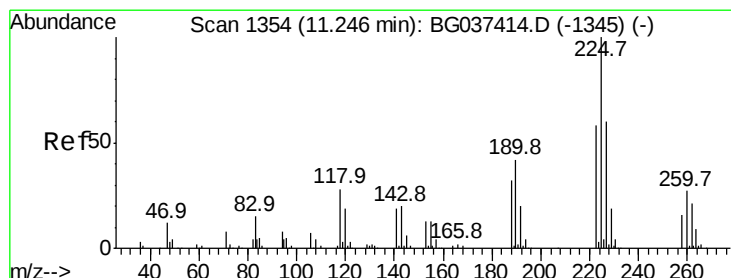
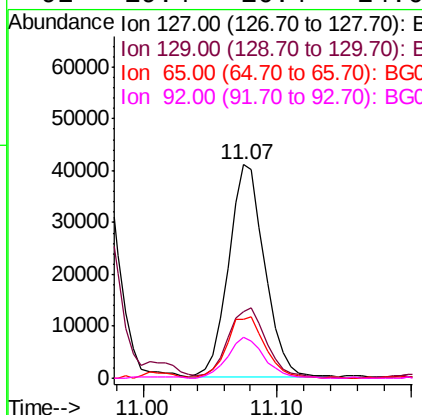
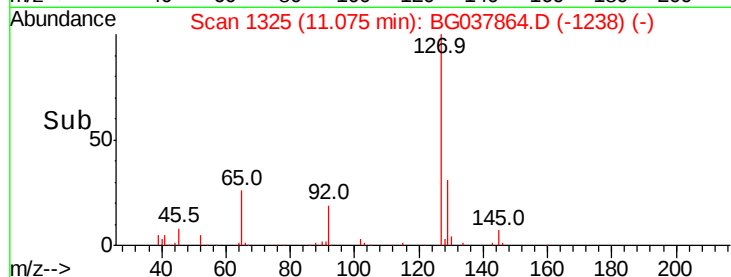
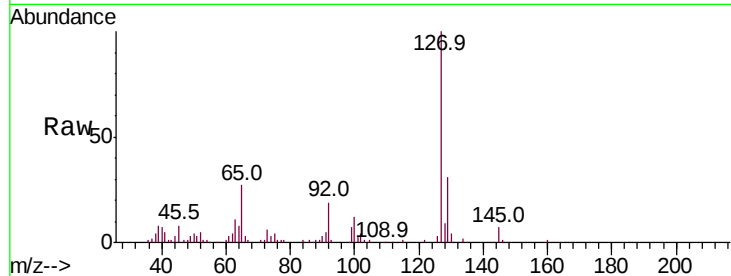
#33
4-Chloroaniline
Concen: 12.121 ng
RT: 11.07 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.1	40.7
65	27.5	26.6	39.8
92	19.4	16.4	24.6

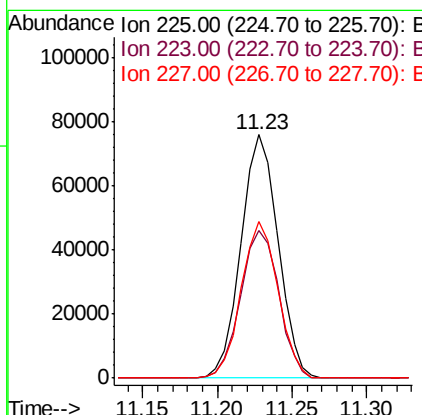
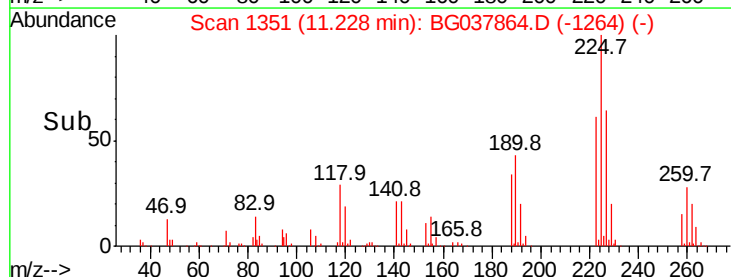
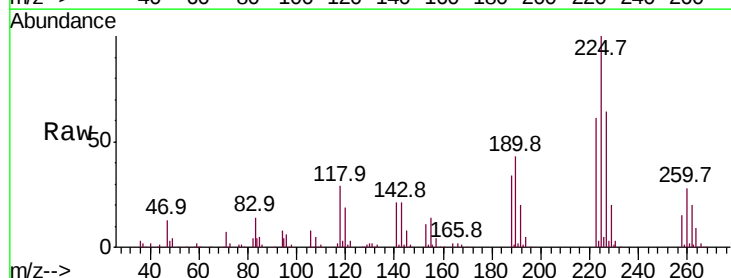
Manual Integrations
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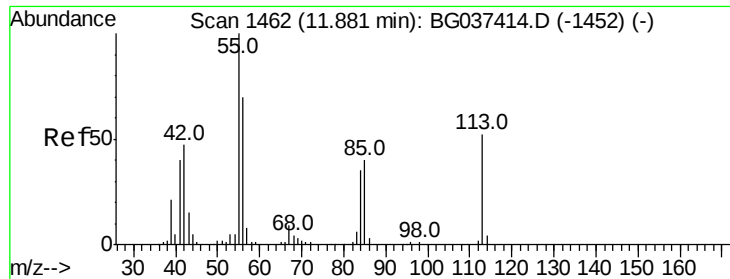
Sohil
11/9/2018 1:37:06 PM



#34
Hexachlorobutadiene
Concen: 44.568 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.2	48.2	72.4
227	64.5	51.6	77.4





#35

Caprolactam

Concen: 19.395 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

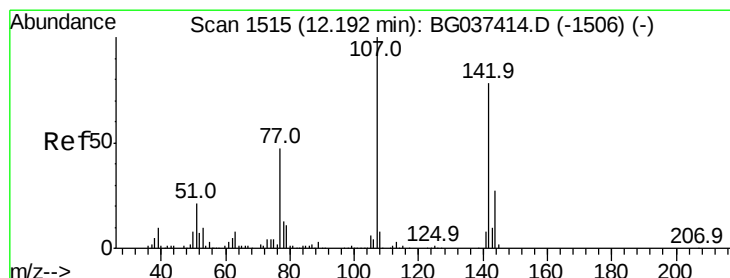
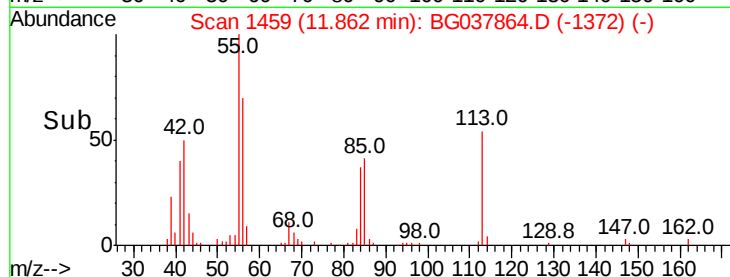
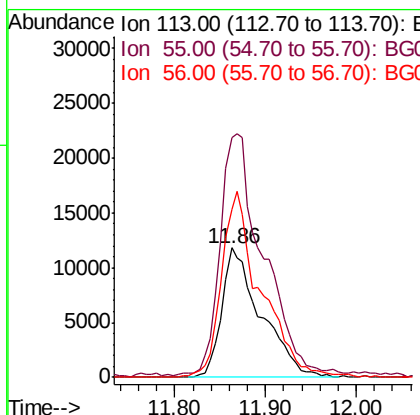
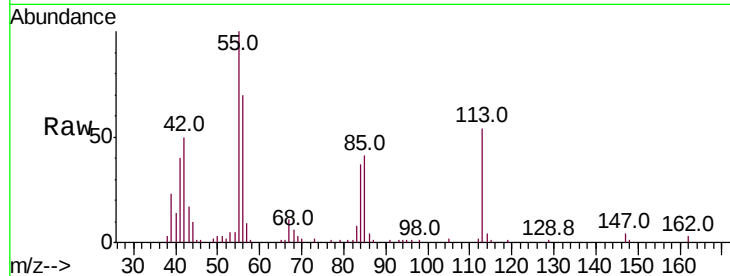
ClientSampleId :

C19013081MS

Tot Ion:	113	Resp:	35425
Ion Ratio	Lower	Upper	
113	100		
55	185.9	176.6	216.6
56	129.6	128.3	168.3

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 38.537 ng

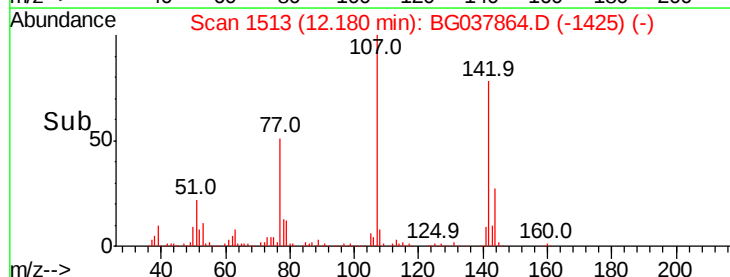
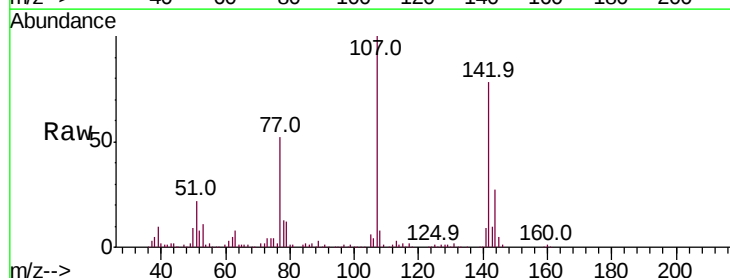
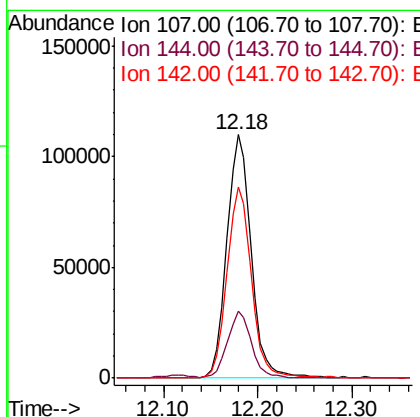
RT: 12.18 min Scan# 1513

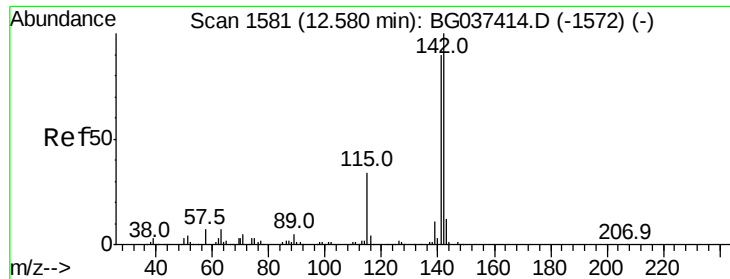
Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion:	107	Resp:	197928
Ion Ratio	Lower	Upper	
107	100		
144	27.3	20.7	31.1
142	78.3	64.4	96.6





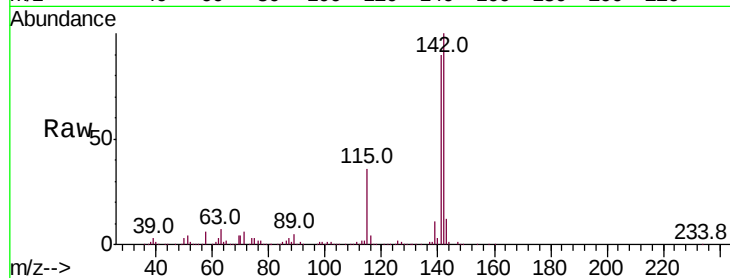
#37
2-Methylnaphthalene
Concen: 49.753 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	35.7	27.8	41.8

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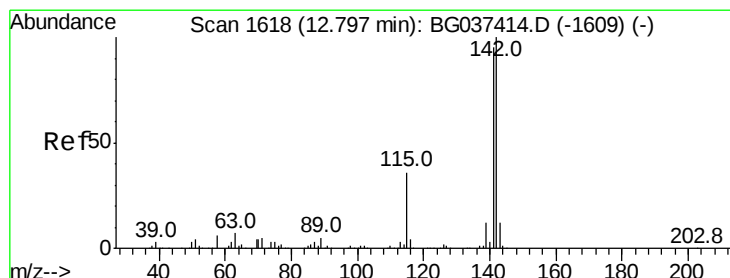
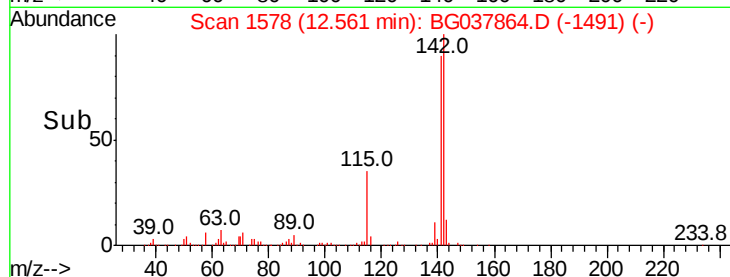
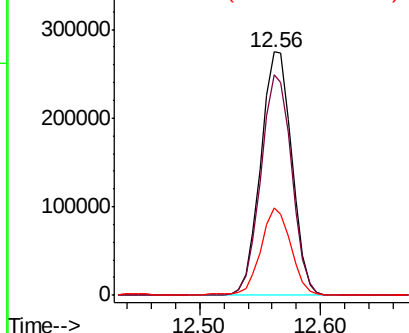


Abundance

Ion 142.00 (141.70 to 142.70): E

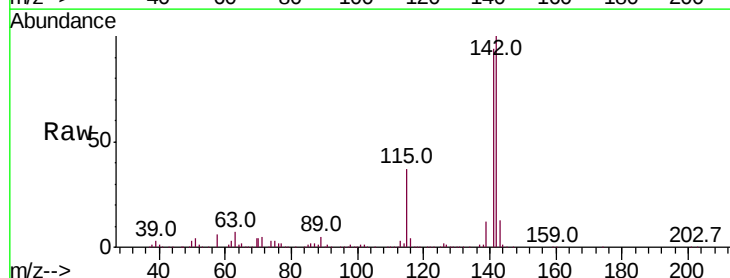
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.825 ng
RT: 12.78 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.2	112.8
116	3.7	3.3	4.9

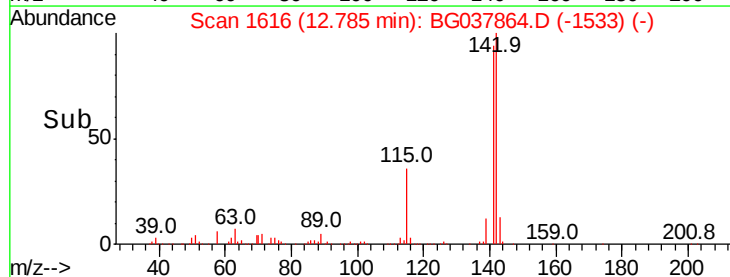
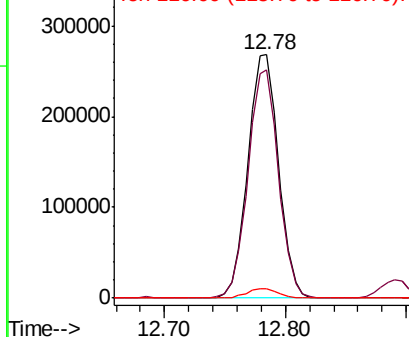


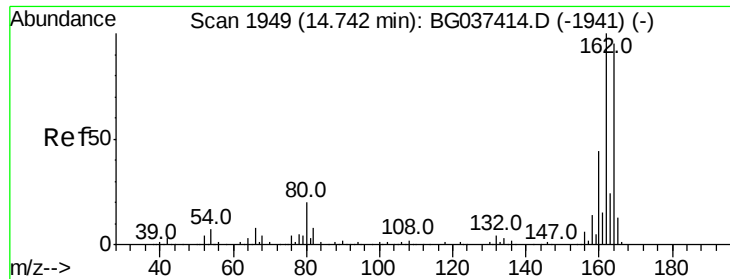
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





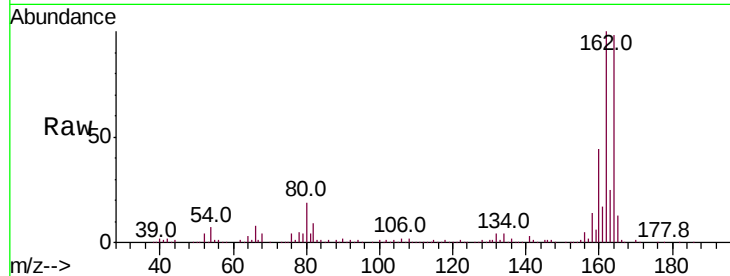
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	45.4	36.3	54.5

Manual Integrations
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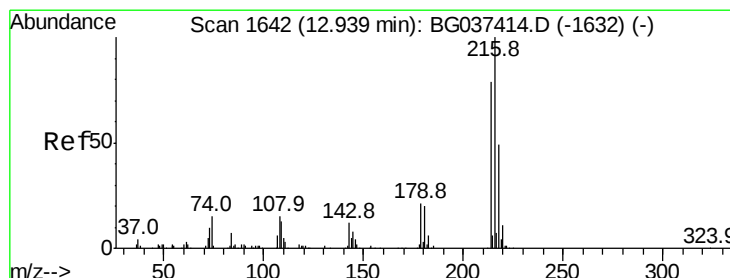
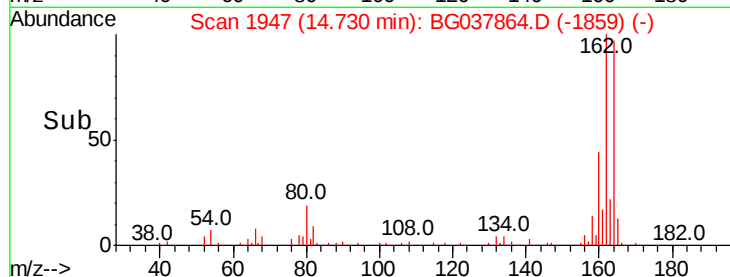
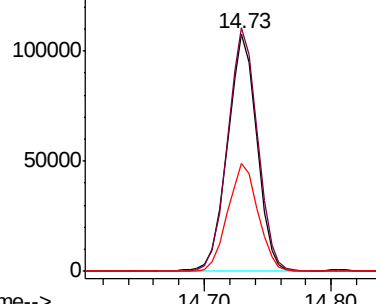


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.935 ng
RT: 12.93 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	20.7	17.4	26.0
108	18.6	13.9	20.9

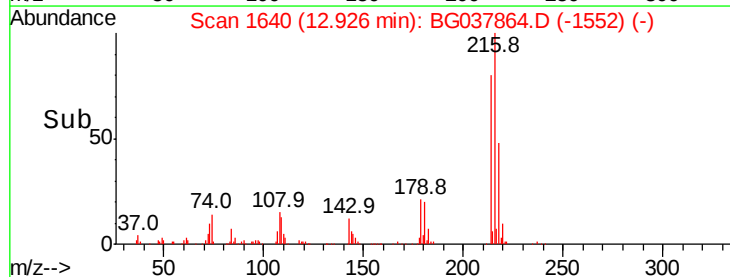
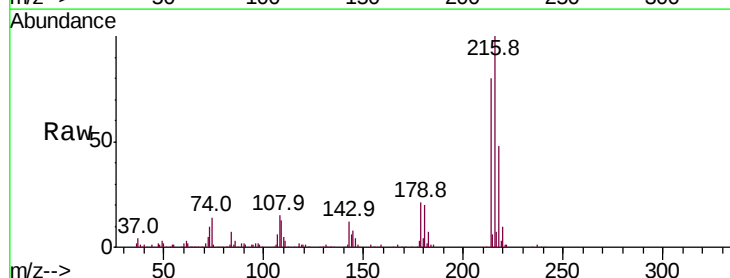
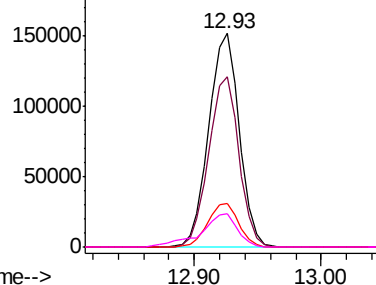
Abundance

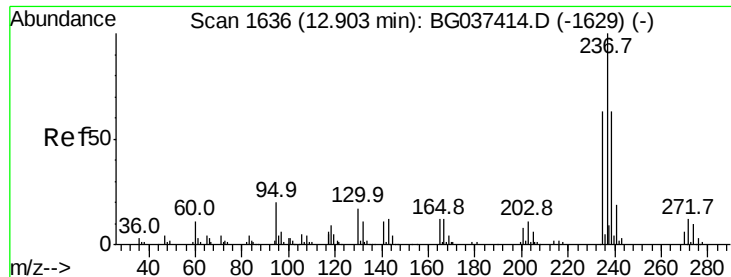
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 109.697 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

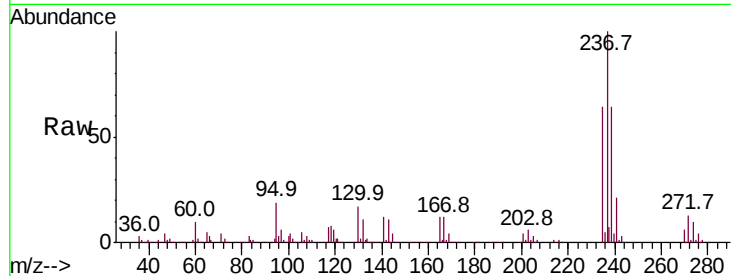
ClientSampleId :

C19013081MS

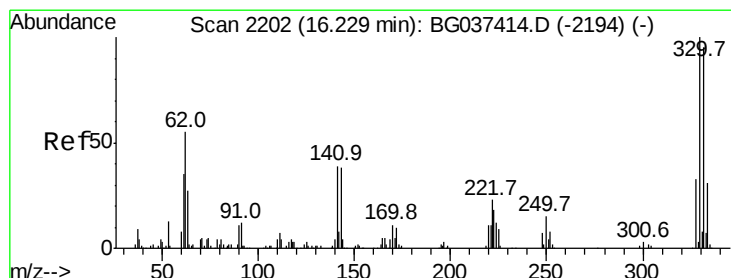
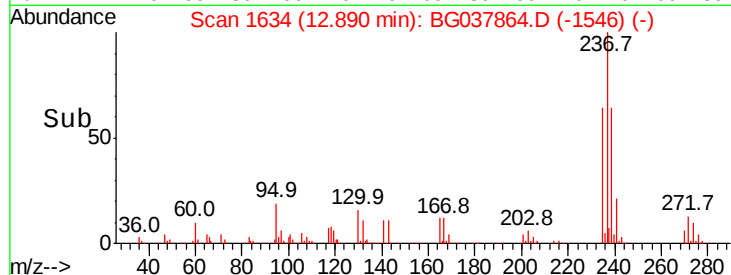
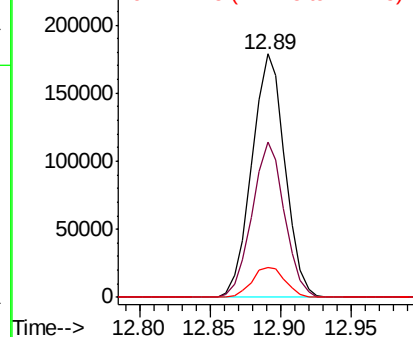
Tot Ion:	237	Resp:	294326
Ion Ratio	Lower	Upper	
237	100		
235	63.5	42.5	82.5
272	12.5	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 118.236 ng

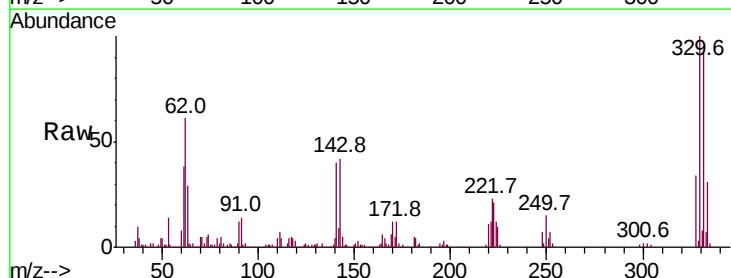
RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

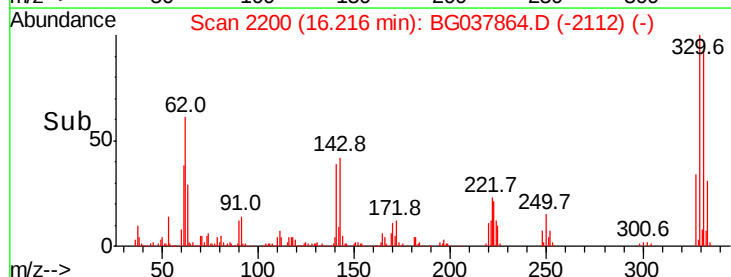
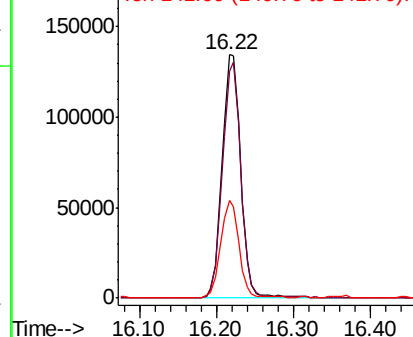
Lab File: BG037864.D

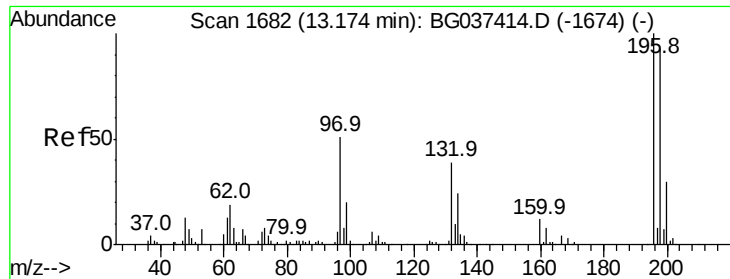
Acq: 7 Nov 2018 14:08

Tgt Ion:	330	Resp:	224568
Ion Ratio	Lower	Upper	
330	100		
332	94.6	78.4	117.6
141	38.1	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





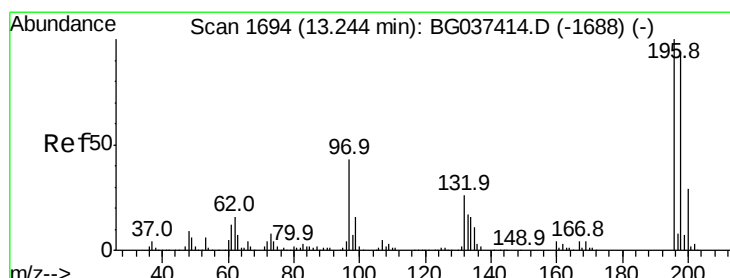
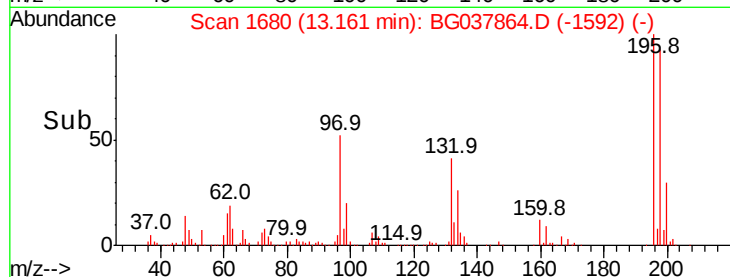
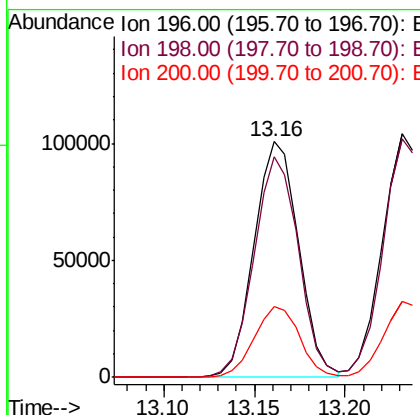
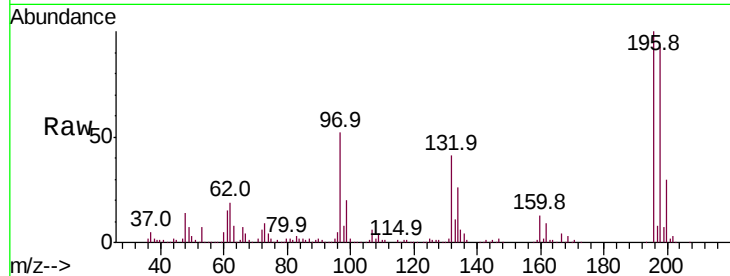
#43
 2,4,6-Trichlorophenol
 Concen: 46.001 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Instrument :
 BNA_G
 ClientSampled :
 C19013081MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	172625		
198	93.5	76.4	114.6	
200	30.3	24.9	37.3	

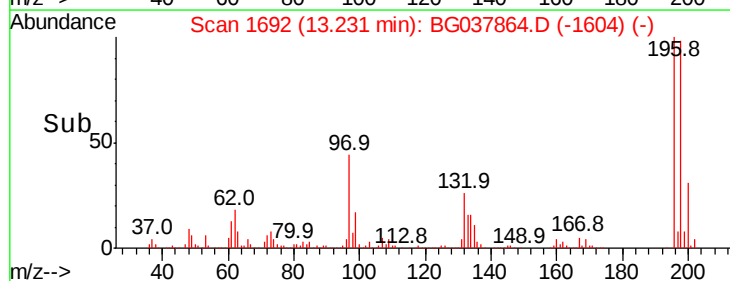
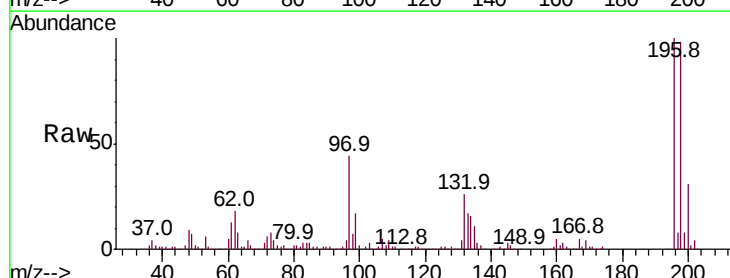
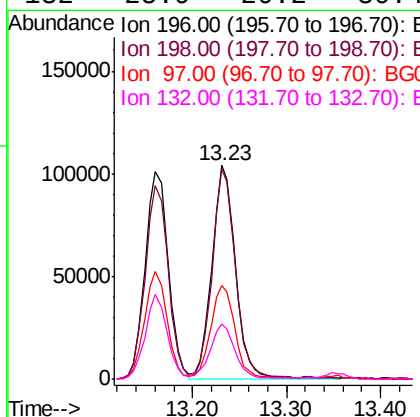
Manual Integrations
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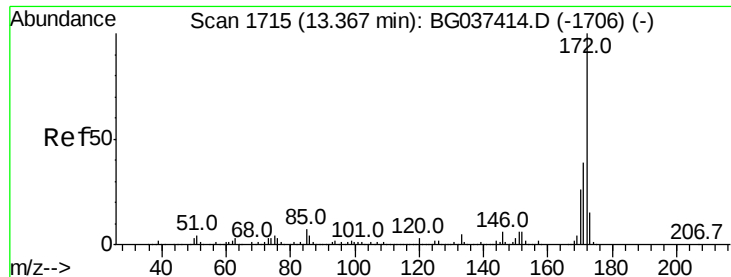
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#44
 2,4,5-Trichlorophenol
 Concen: 44.890 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183409		
198	98.2	74.2	111.2	
97	43.9	34.1	51.1	
132	25.9	20.2	30.4	





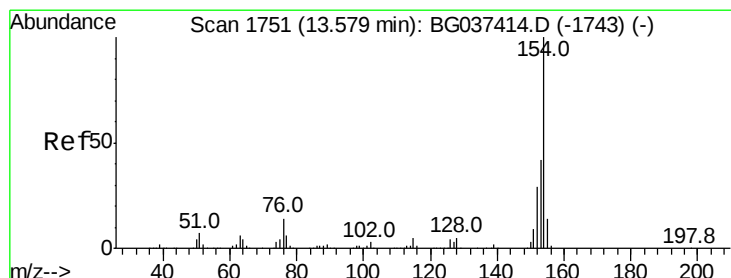
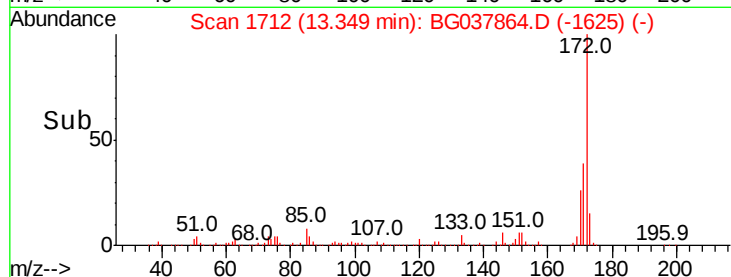
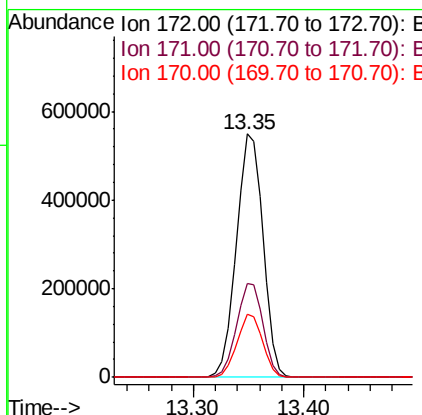
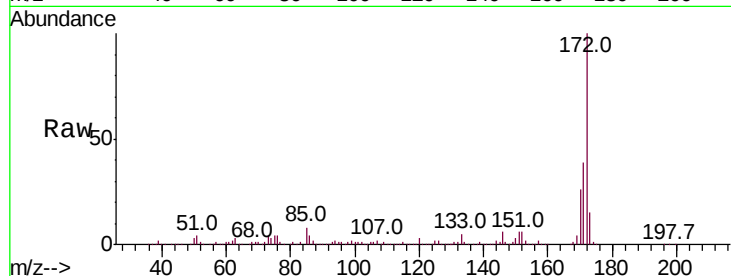
#45
2-Fluorobiphenyl
Concen: 80.539 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.8	20.2	30.2

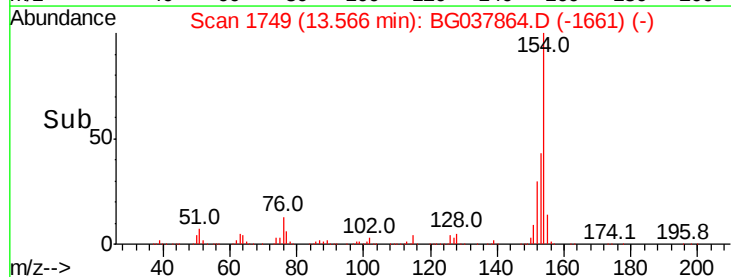
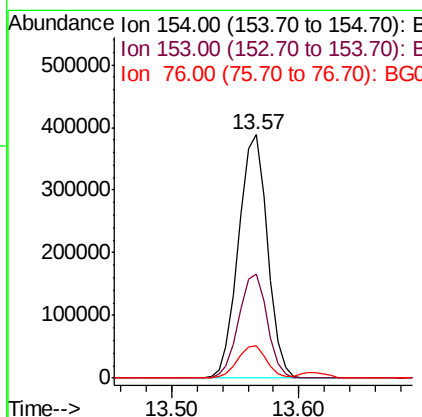
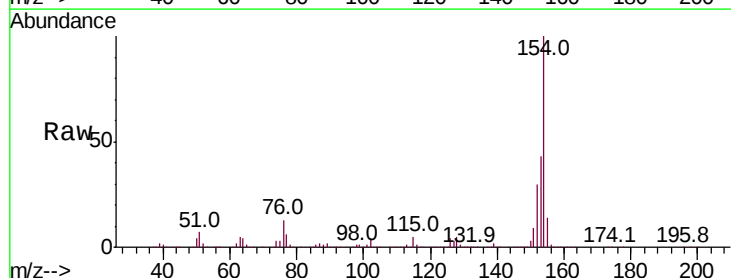
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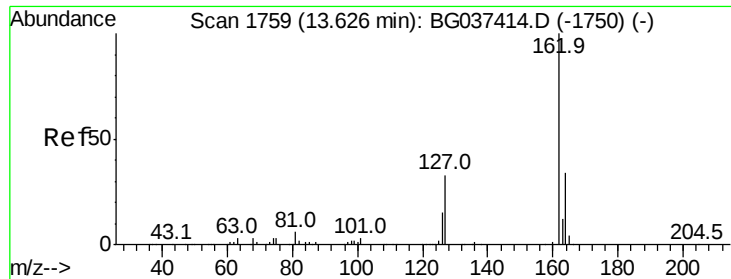
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#46
1,1'-Biphenyl
Concen: 42.670 ng
RT: 13.57 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	13.1	0.0	33.2





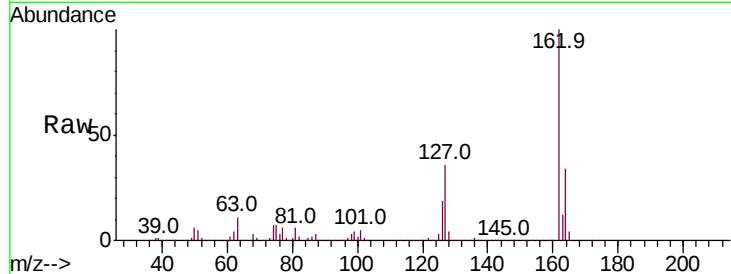
#47
2-Chloronaphthalene
Concen: 44.546 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

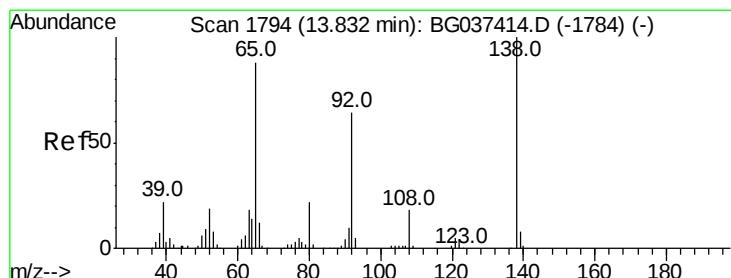
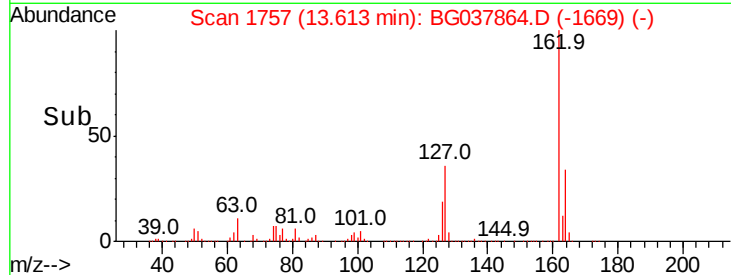
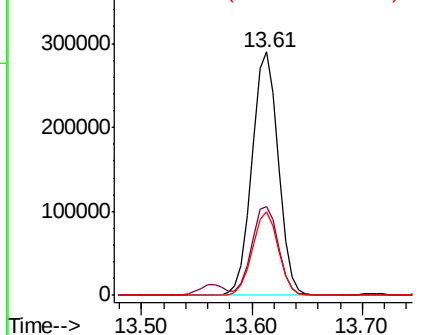
Tot Ion	Ratio	Resp	Lower	Upper
162	100	486033		
127	36.4		30.5	45.7
164	34.3		26.4	39.6

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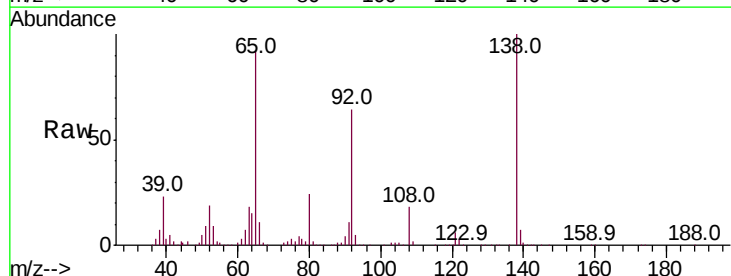


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

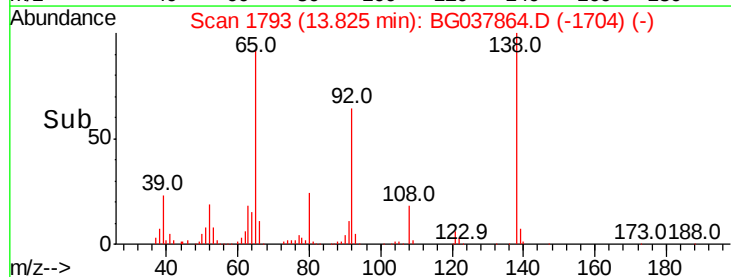
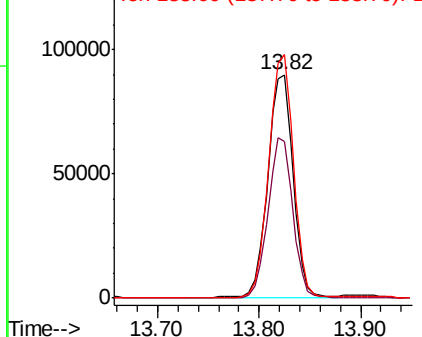


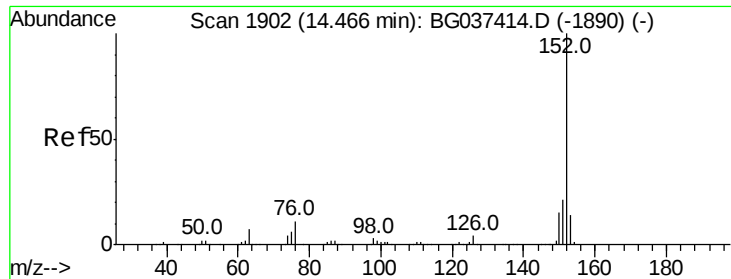
#48
2-Nitroaniline
Concen: 47.614 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	157541		
92	69.9		53.2	79.8
138	109.1		79.3	118.9



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





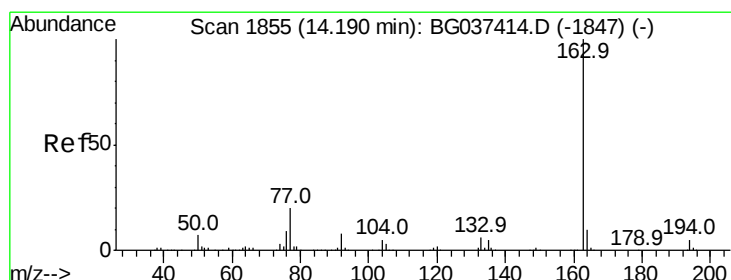
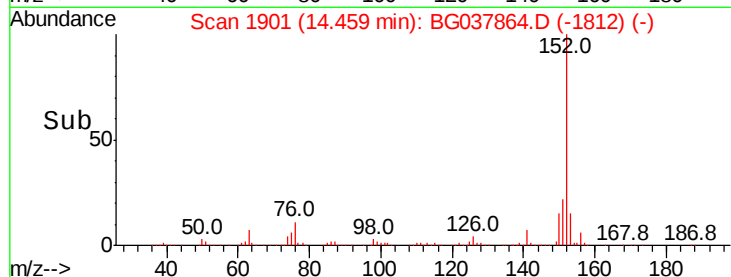
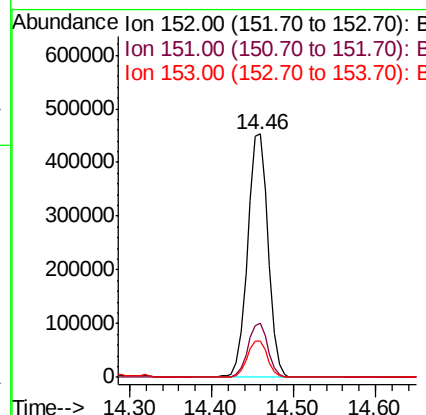
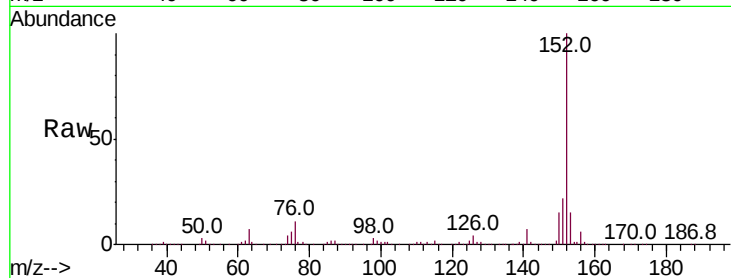
#49
Acenaphthylene
Concen: 47.827 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.1	25.7
153	14.7	11.1	16.7

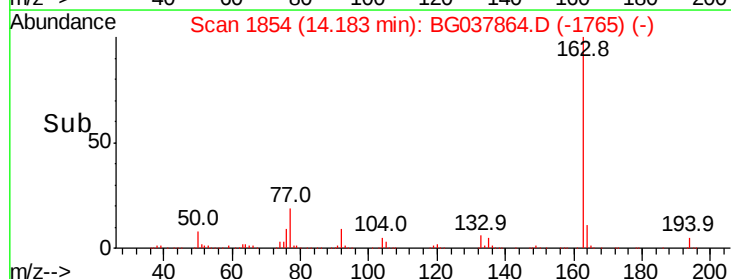
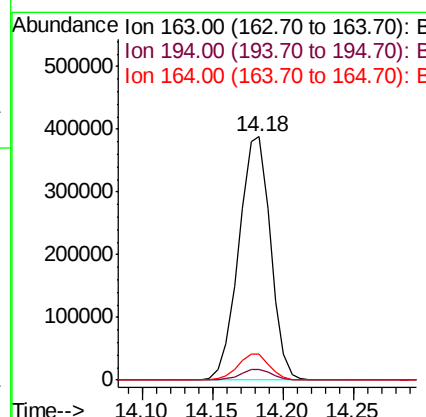
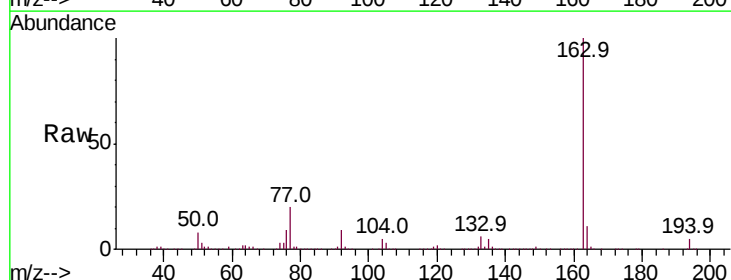
Manual Integrations
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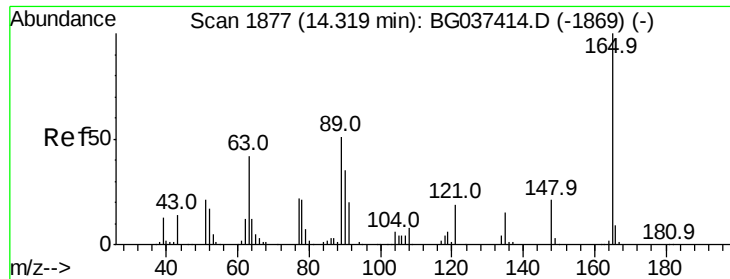
Sohil
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#50
Dimethylphthalate
Concen: 45.081 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.6	8.5	12.7





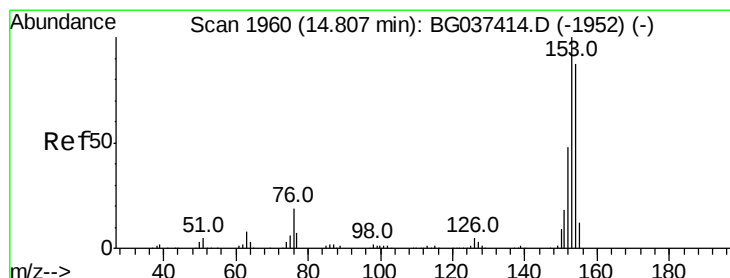
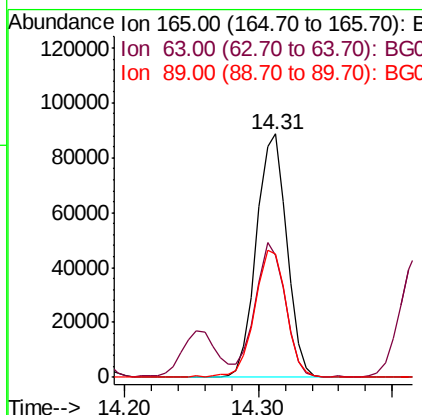
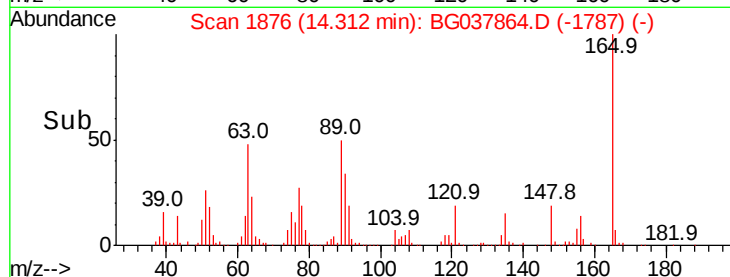
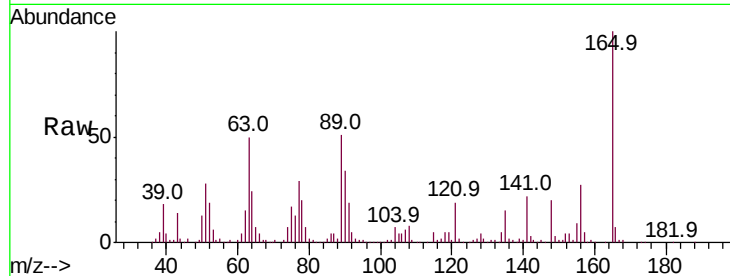
#51
 2,6-Dinitrotoluene
 Concen: 46.564 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.1	43.4	65.2
89	50.7	45.8	68.6

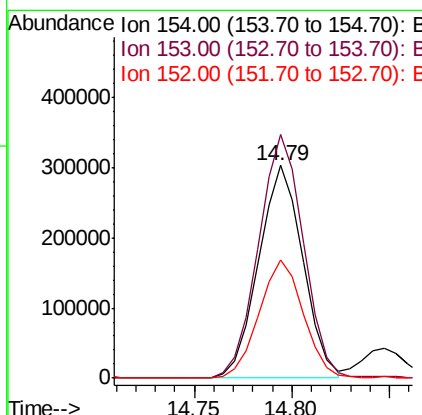
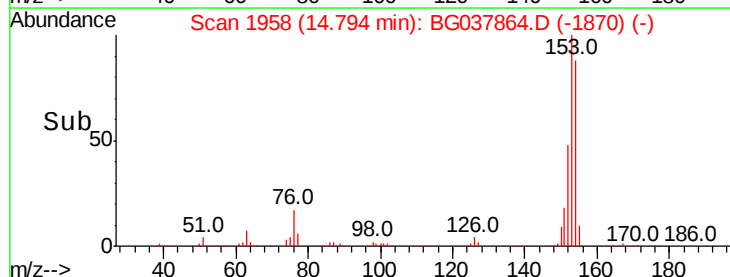
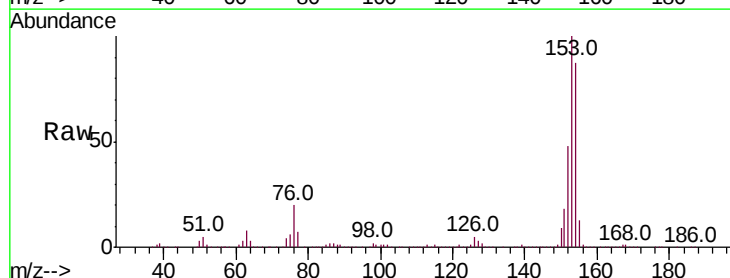
Manual Integrations
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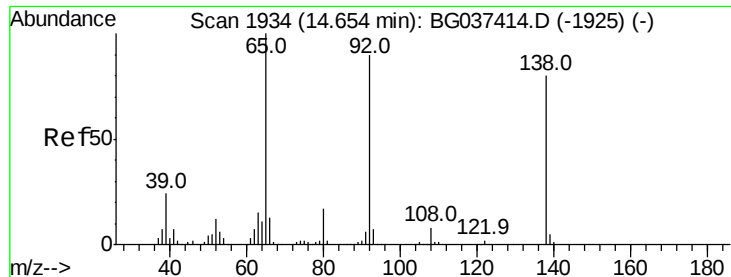
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#52
 Acenaphthene
 Concen: 46.981 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	93.4	140.0
152	55.5	44.7	67.1





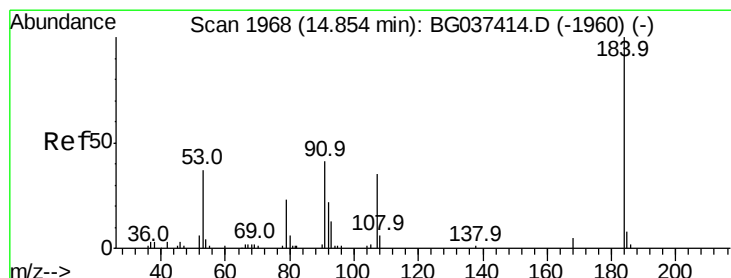
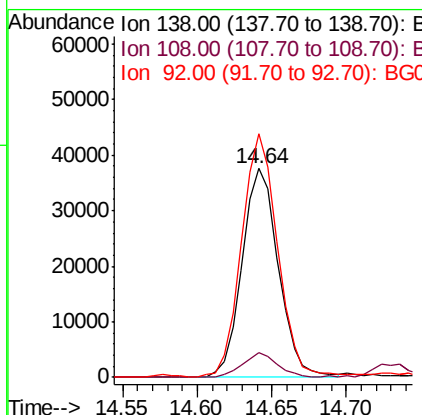
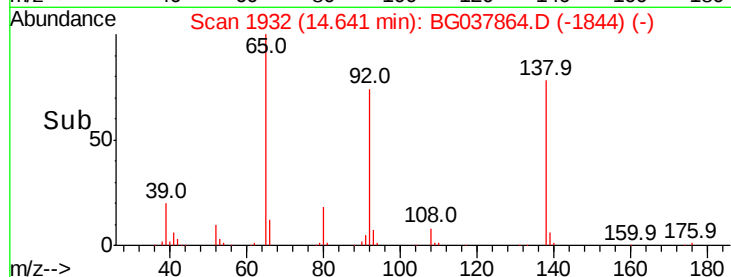
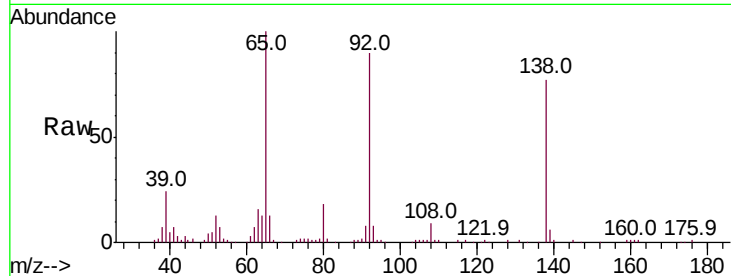
#53
3-Nitroaniline
Concen: 19.142 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion:138 Resp: 63332
Ion Ratio Lower Upper
138 100
108 11.6 11.0 16.6
92 116.7 95.2 142.8

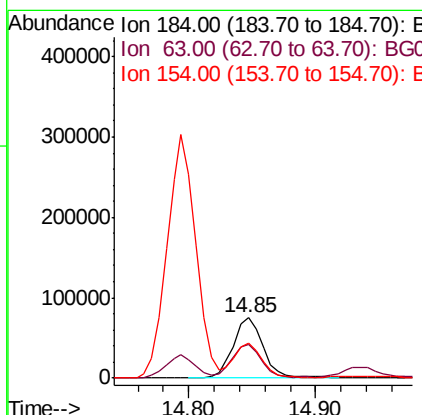
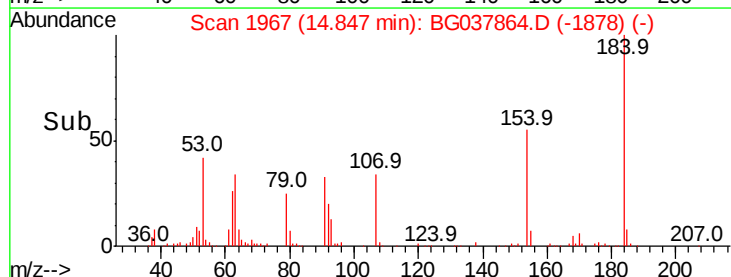
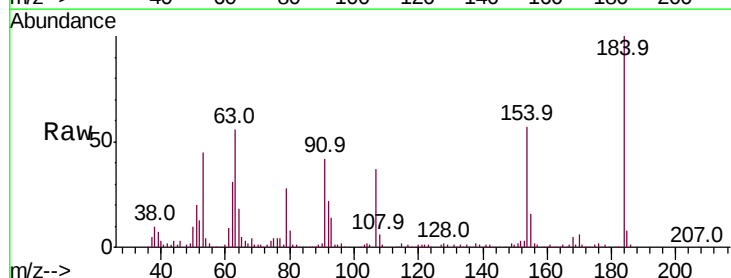
Manual Integrations
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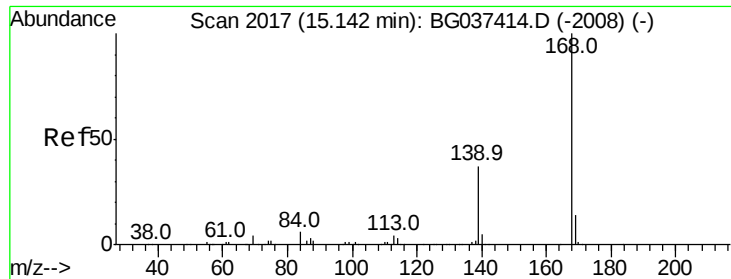
Sohil
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#54
2,4-Dinitrophenol
Concen: 87.978 ng
RT: 14.85 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:184 Resp: 124005
Ion Ratio Lower Upper
184 100
63 55.6 42.6 63.8
154 57.1 41.8 62.6





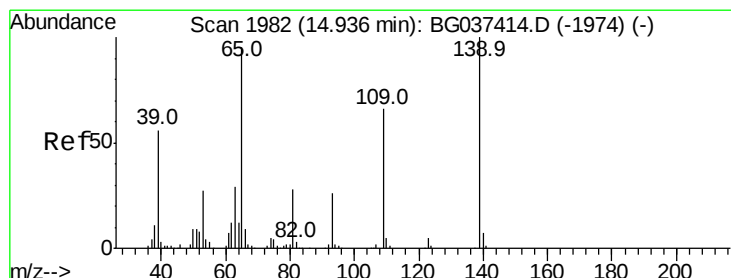
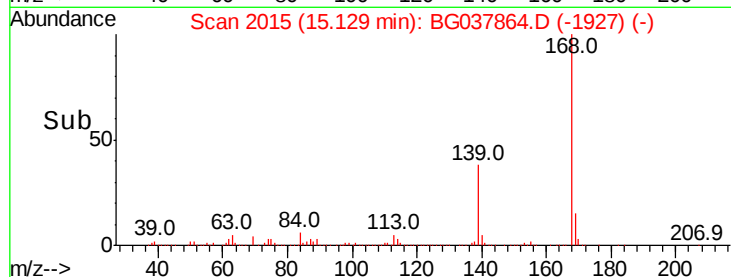
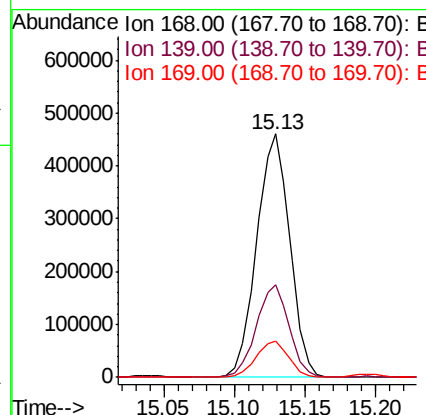
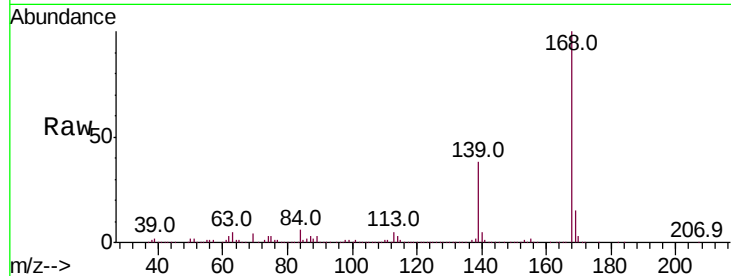
#55
Dibenzofuran
Concen: 45.210 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.4	44.0
169	14.8	11.0	16.6

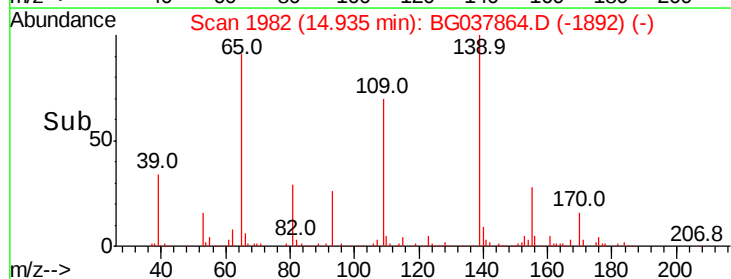
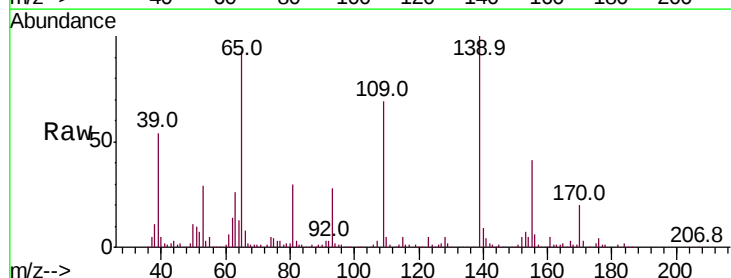
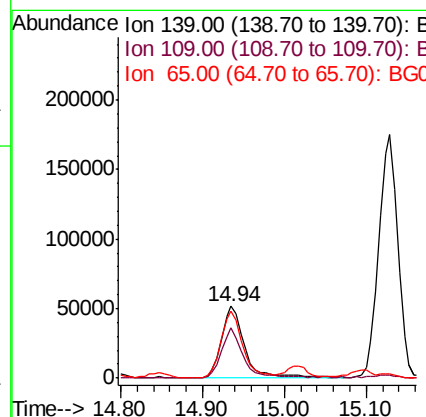
Manual Integrations
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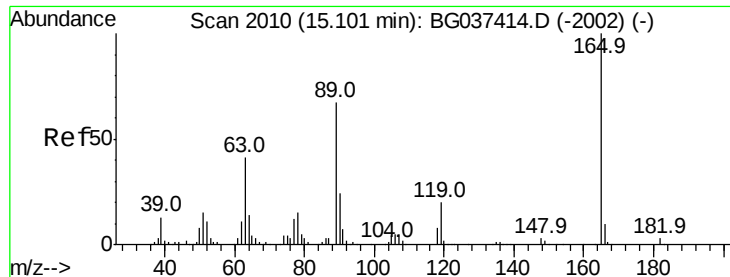
Sohil
11/9/2018 1:37:06 PM



#56
4-Nitrophenol
Concen: 41.905 ng
RT: 14.94 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	49.5	89.5
65	93.2	76.8	116.8





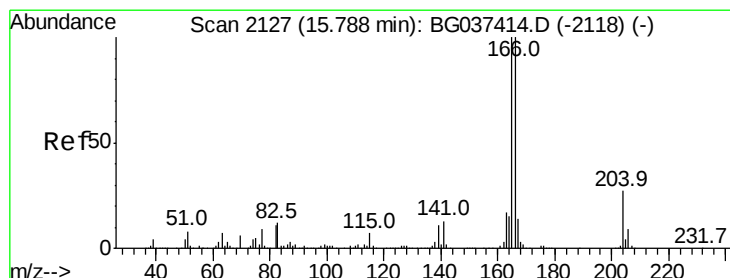
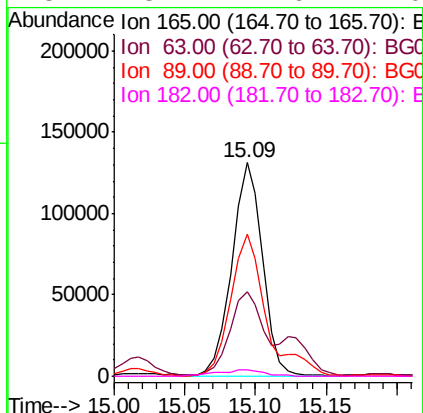
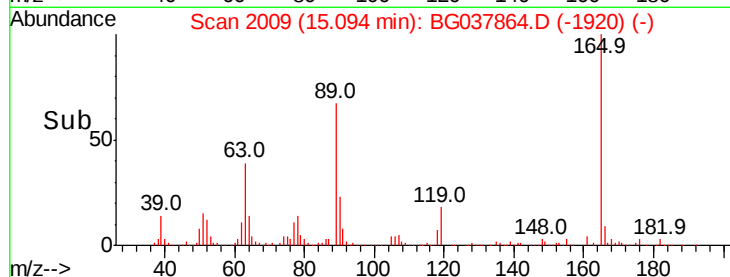
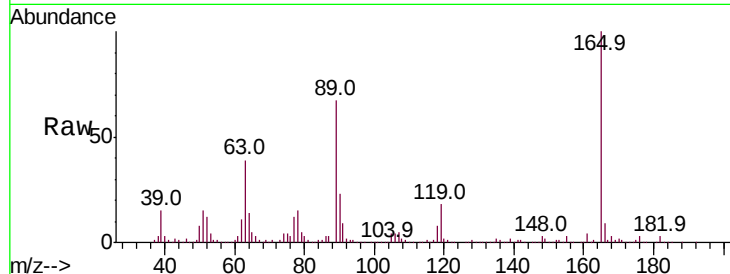
#57
2,4-Dinitrotoluene
Concen: 50.407 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197196		
63	39.5	33.4	50.0	
89	66.7	57.2	85.8	
182	3.1	2.6	4.0	

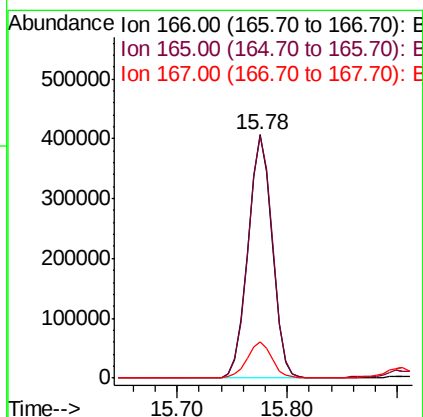
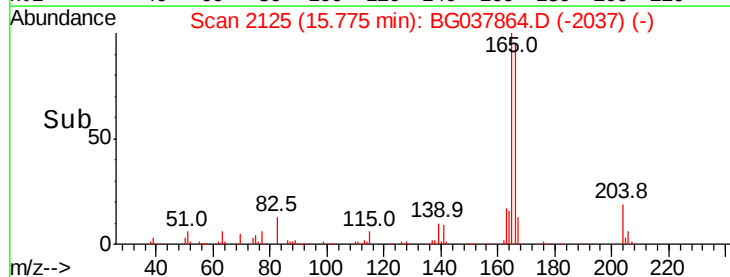
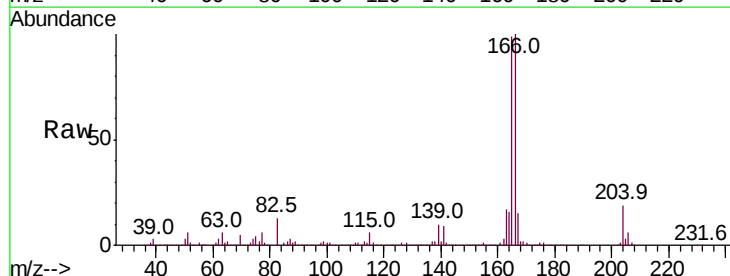
Manual Integrations
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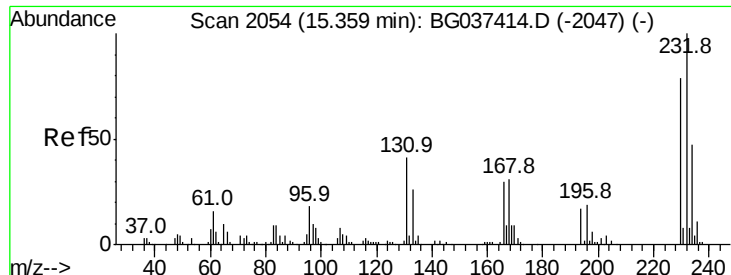
Sohil
11/9/2018 1:37:06 PM



#58
Fluorene
Concen: 49.707 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	623385		
165	99.3	79.0	118.6	
167	15.0	11.3	16.9	





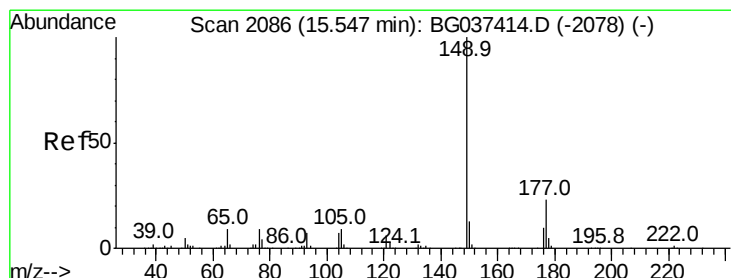
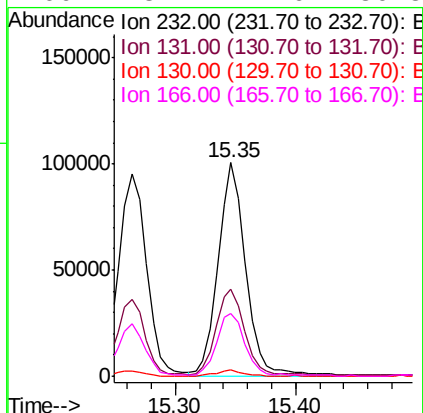
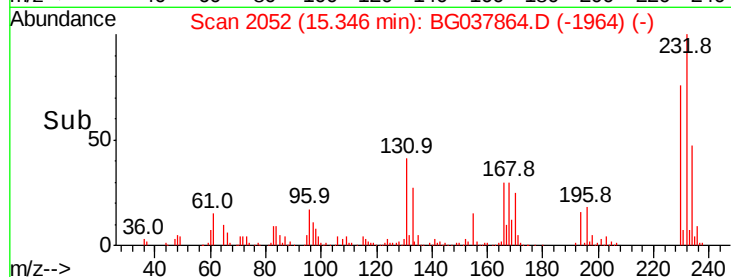
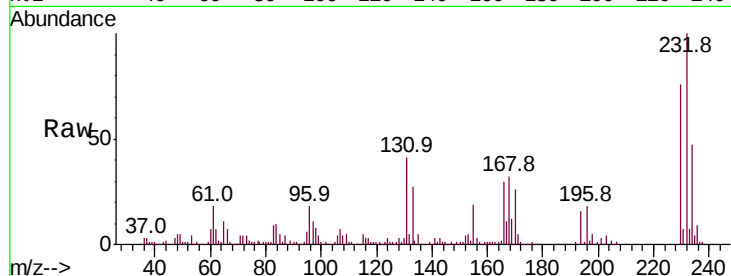
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.200 ng/ml
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	161615		
131	35.6	33.7	50.5	
130	2.6	2.1	3.1	
166	23.4	24.6	36.8	

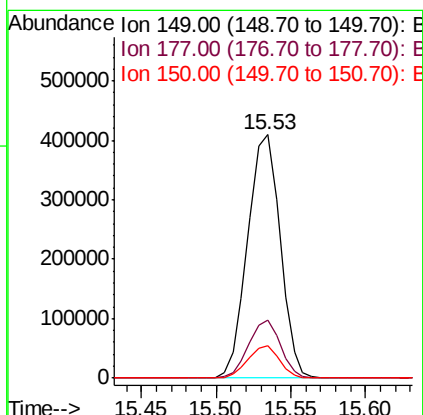
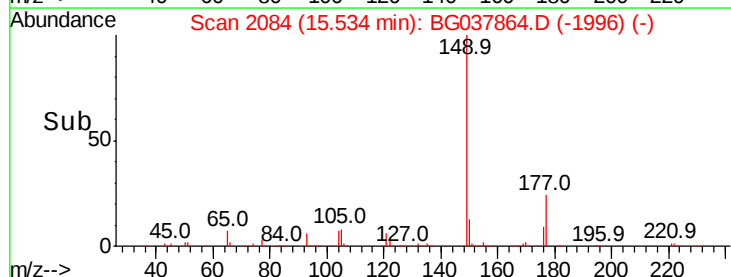
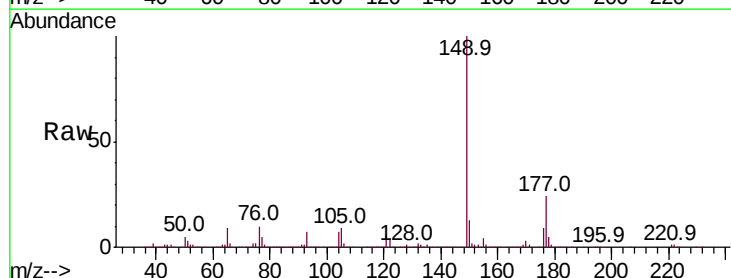
Manual Integrations
 APPROVED

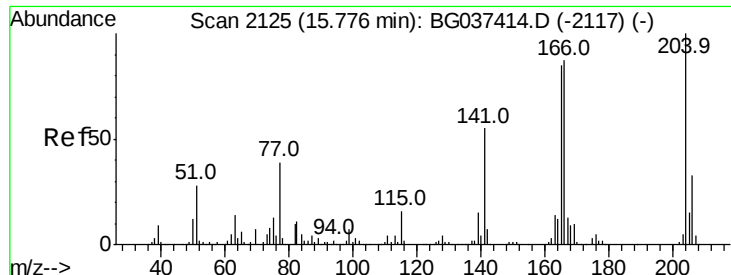
Sohil
 11/9/2018 1:37:06 PM



#60
 Diethylphthalate
 Concen: 44.656 ng/ml
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	617632		
177	23.7	18.3	27.5	
150	13.3	10.0	15.0	





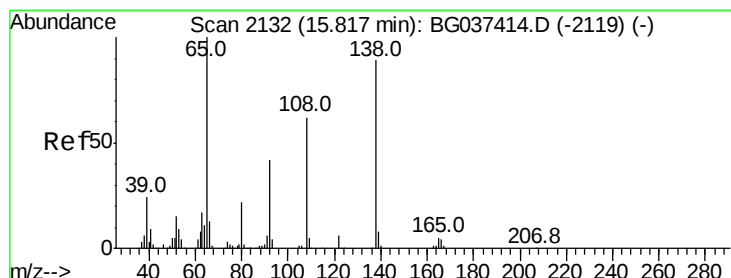
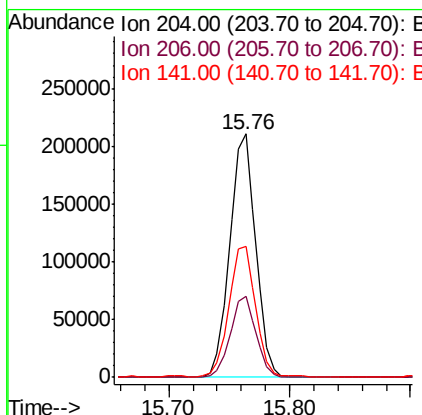
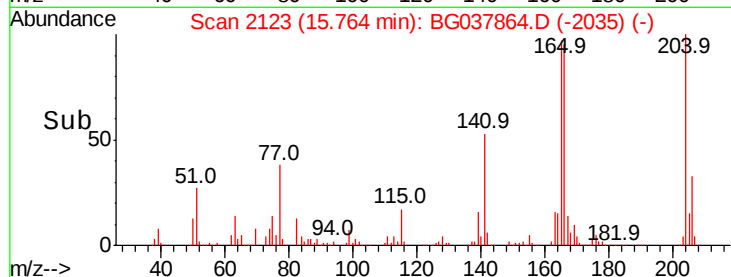
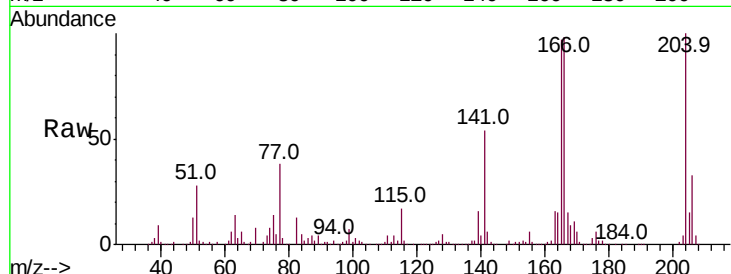
#61
 4-Chlorophenyl-phenylether
 Concen: 42.906 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Instrument :
 BNA_G
 ClientSampleID :
 C19013081MS

Tot Ion:	204	Resp:	313633
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.6	39.8
141	53.8	45.4	68.2

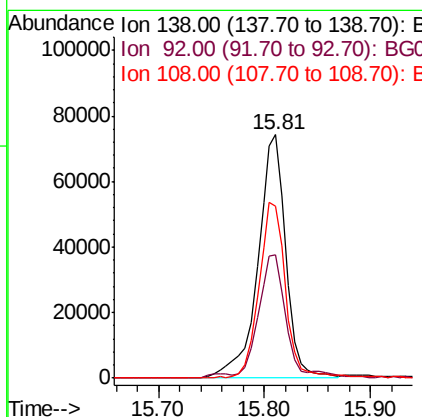
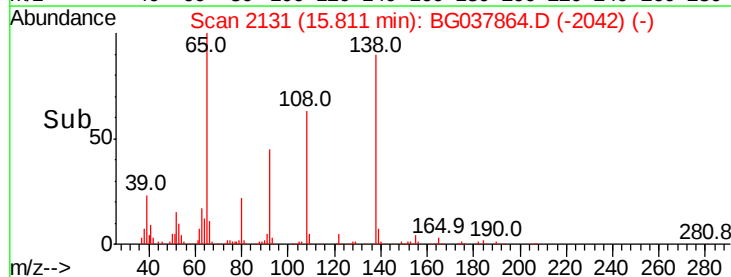
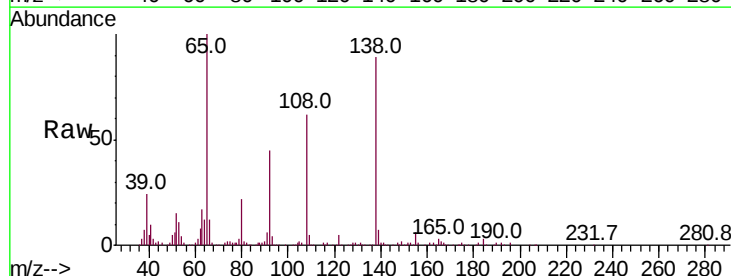
Manual Integrations
 APPROVED

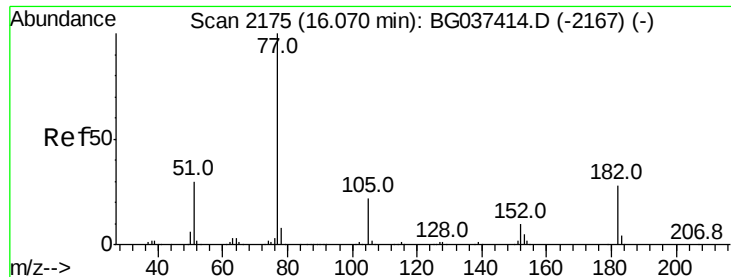
Sohil
 11/9/2018 1:37:06 PM



#62
 4-Nitroaniline
 Concen: 41.569 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion:	138	Resp:	136659
Ion Ratio	Lower	Upper	
138	100		
92	50.6	36.4	76.4
108	70.4	60.1	100.1





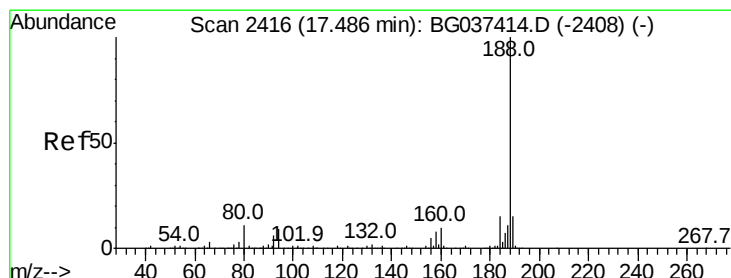
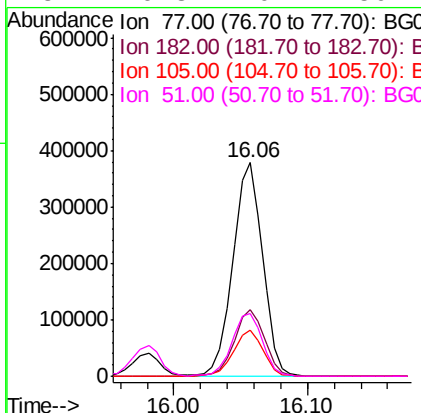
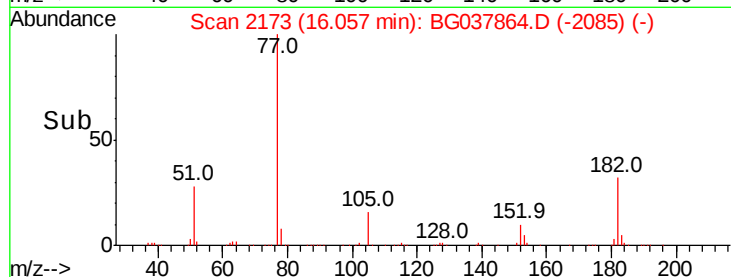
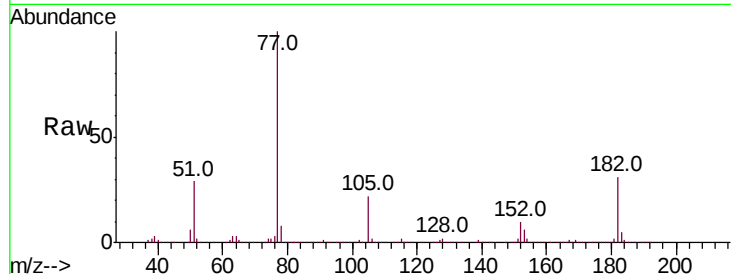
#63
Azobenzene
Concen: 44.088 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.3	8.0	48.0
105	21.8	1.3	41.3
51	29.3	10.7	50.7

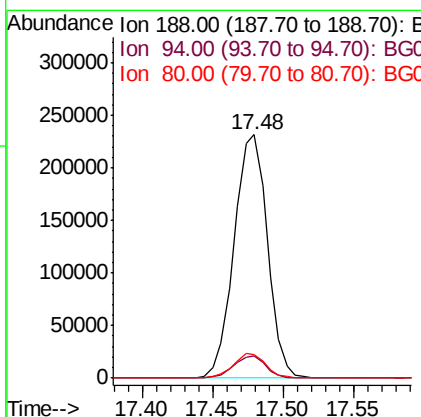
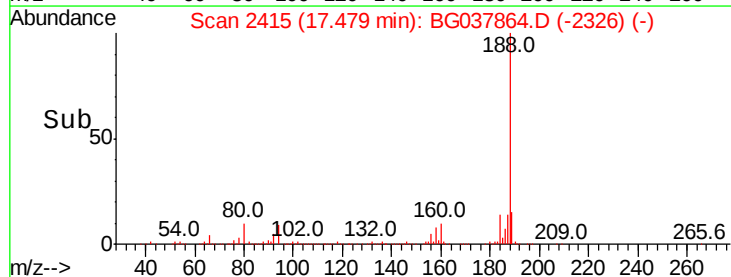
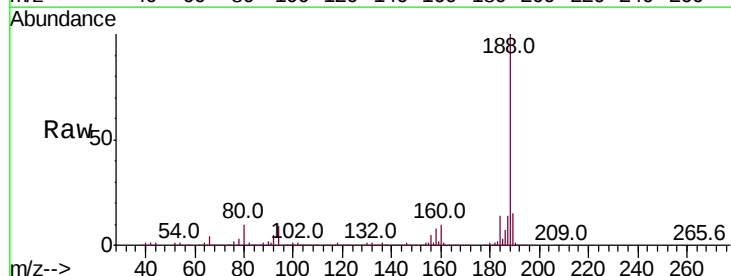
Manual Integrations
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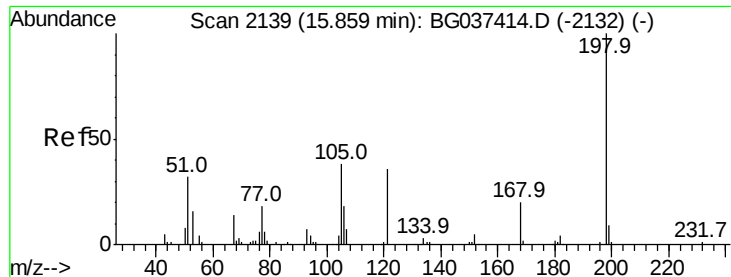
Sohil
11/9/2018 1:37:06 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.5	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 50.219 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

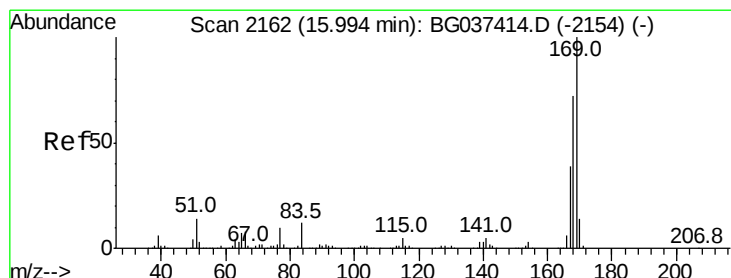
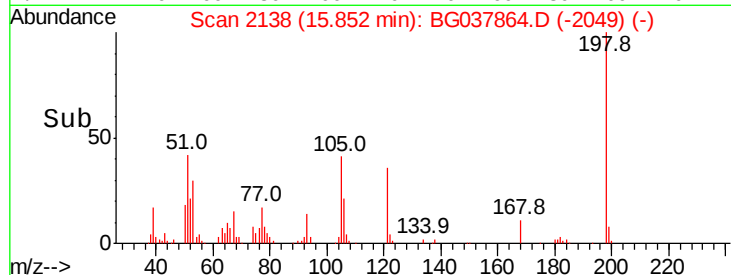
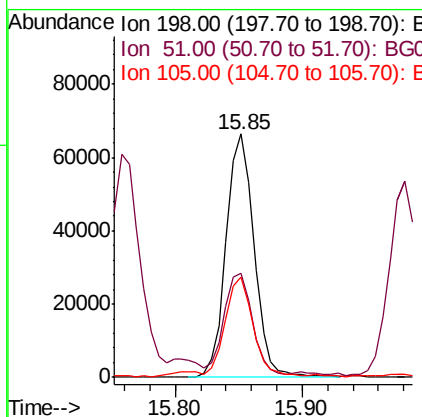
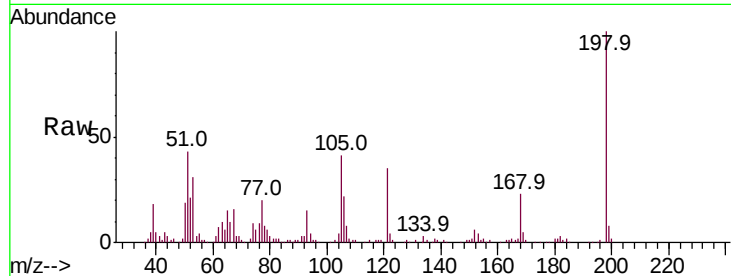
ClientSampleId :

C19013081MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	101471		
51	42.8	22.7	62.7	
105	41.2	19.7	59.7	

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#66

n-Nitrosodiphenylamine

Concen: 45.943 ng

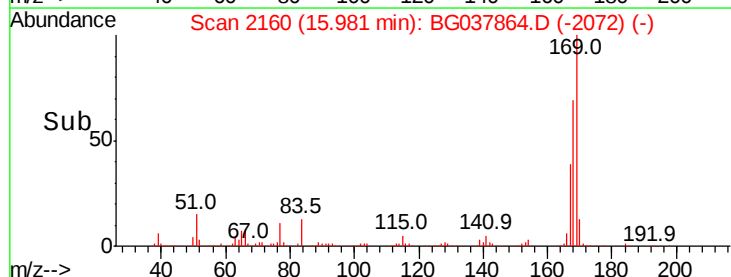
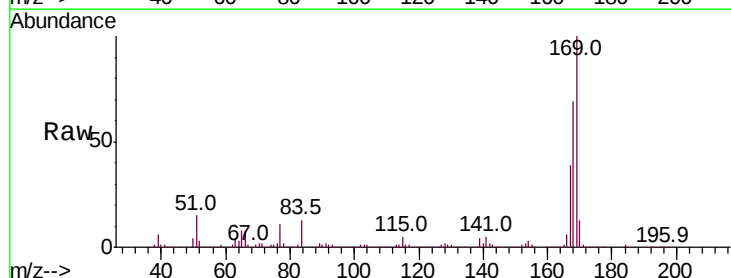
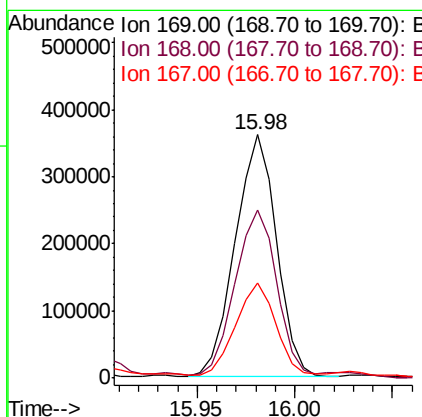
RT: 15.98 min Scan# 2160

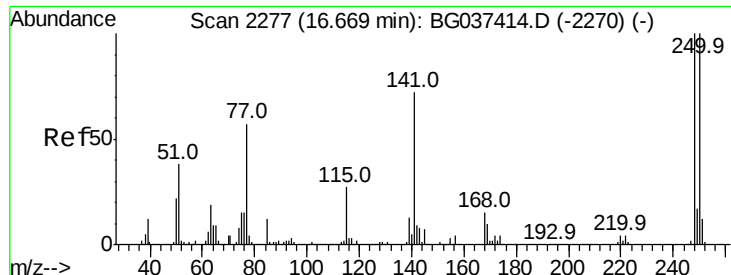
Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	527109		
168	69.2	55.7	83.5	
167	38.9	31.3	46.9	





#67

4-Bromophenyl-phenylether

Concen: 45.906 ng

RT: 16.66 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

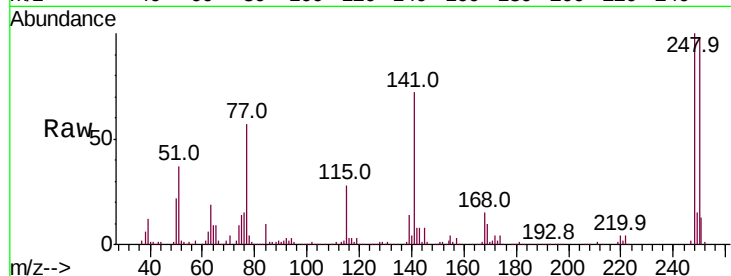
ClientSampleId :

C19013081MS

Tot Ion:	248	Resp:	192284
Ion Ratio	Lower	Upper	
248	100		
250	98.1	77.0	115.6
141	72.4	55.5	83.3

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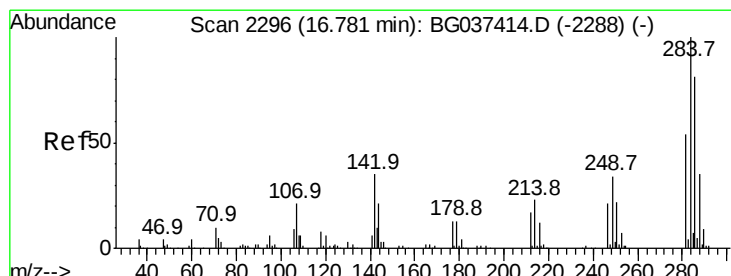
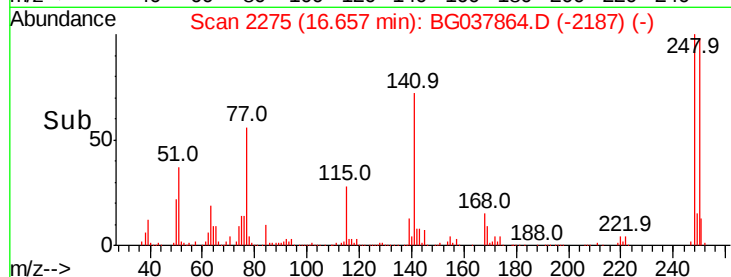
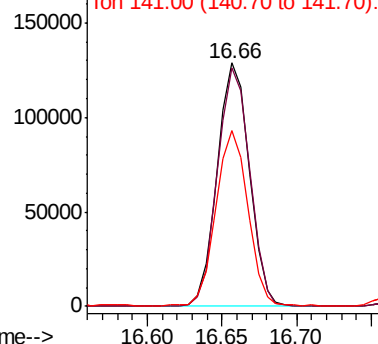


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.638 ng

RT: 16.77 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

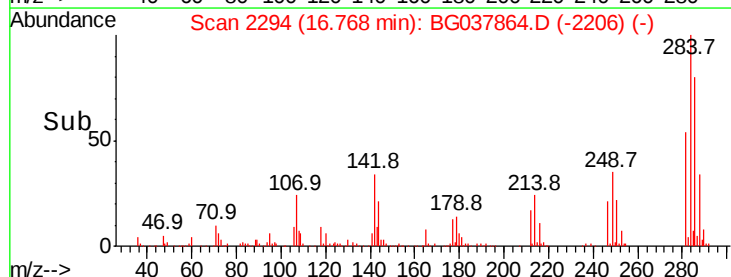
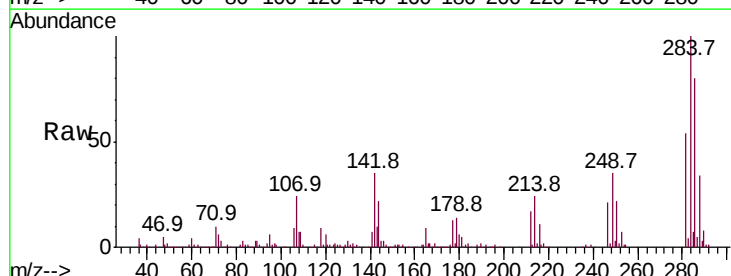
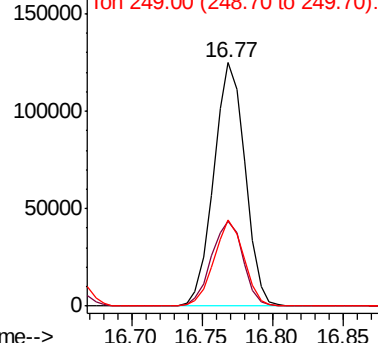
Tgt Ion:	284	Resp:	193779
Ion Ratio	Lower	Upper	
284	100		
142	34.7	28.1	42.1
249	38.1	29.8	44.8

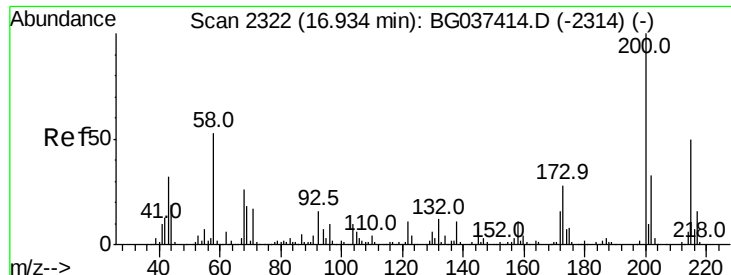
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





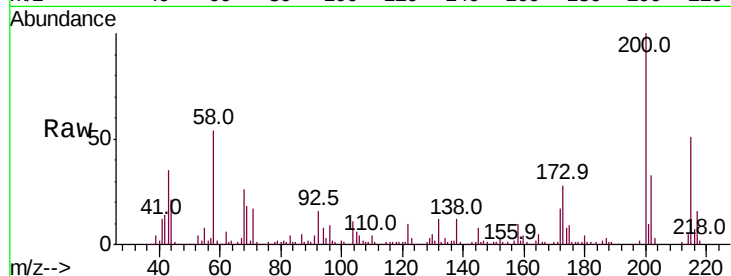
#69
Atrazine
Concen: 47.230 ng
RT: 16.92 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.1	46.1
215	50.6	30.8	70.8

Manual Integrations
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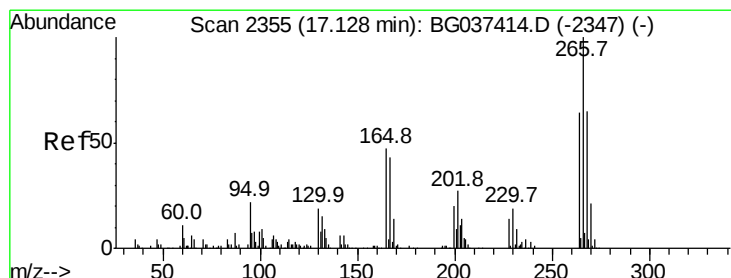
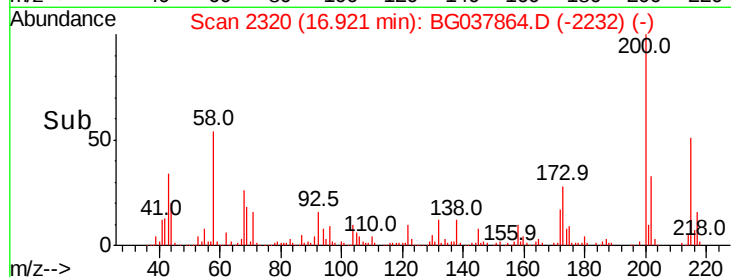
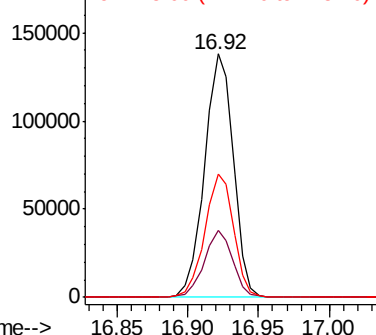


Abundance

Ion 200.00 (199.70 to 200.70): E

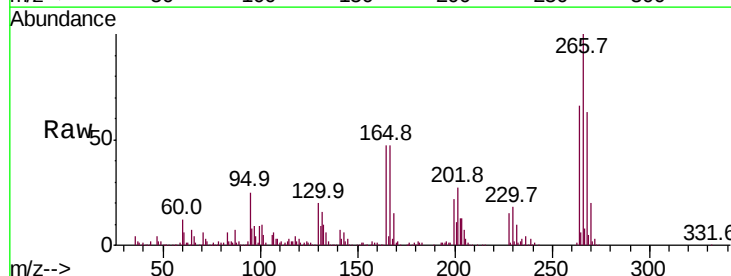
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.110 ng
RT: 17.11 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.6	55.0	82.6
264	71.6	58.9	88.3

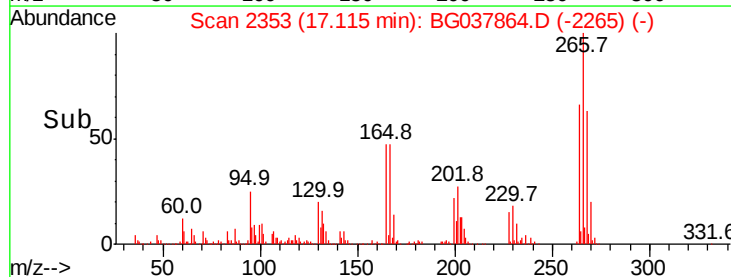
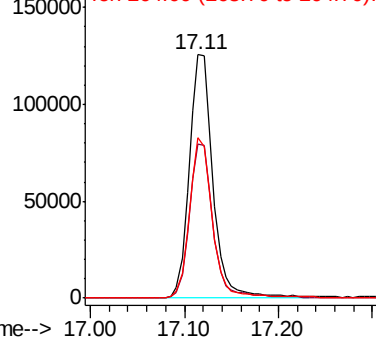


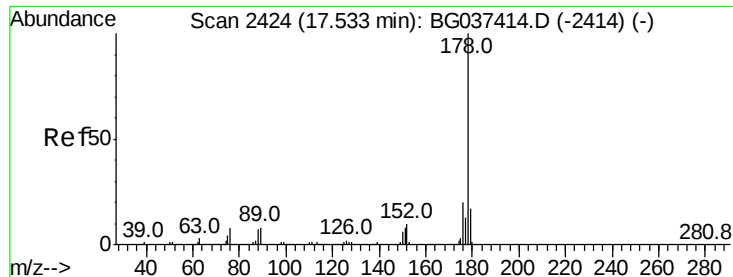
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





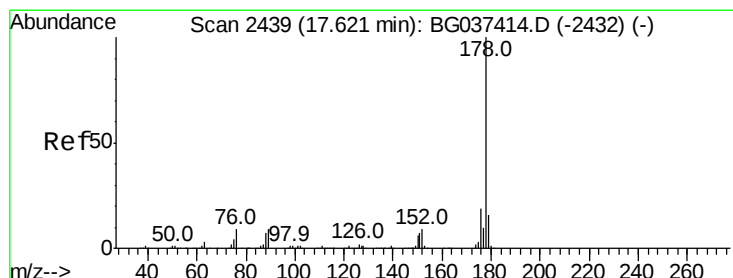
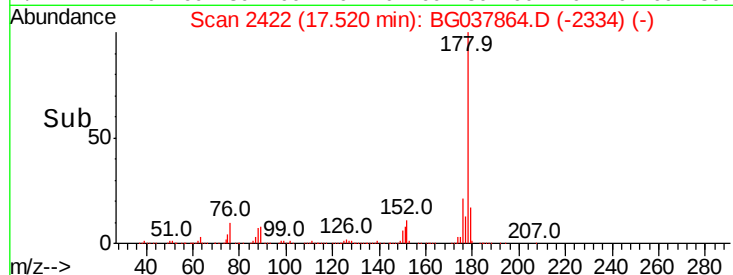
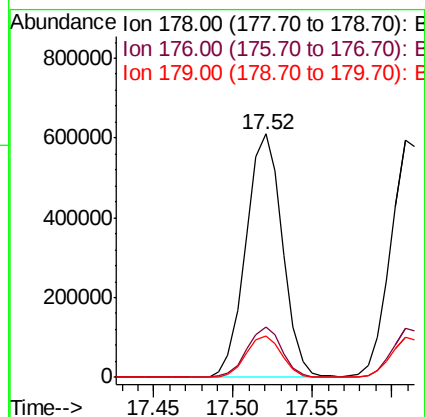
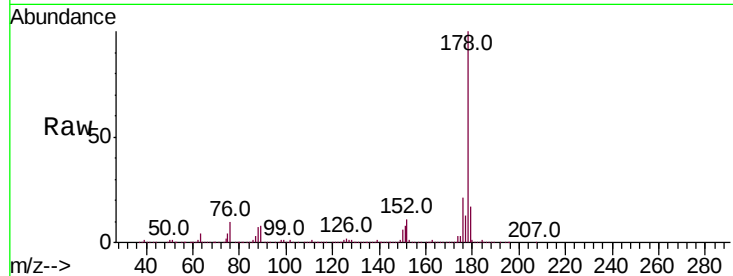
#71
 Phenanthrene
 Concen: 50.328 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

Tot Ion:178	Resp:	975600
Ion Ratio	Lower	Upper
178	100	
176	20.5	16.1 24.1
179	16.9	13.0 19.4

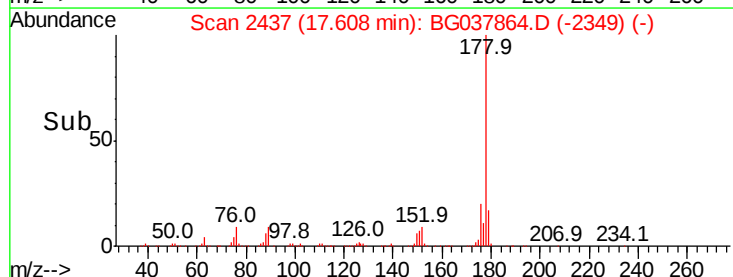
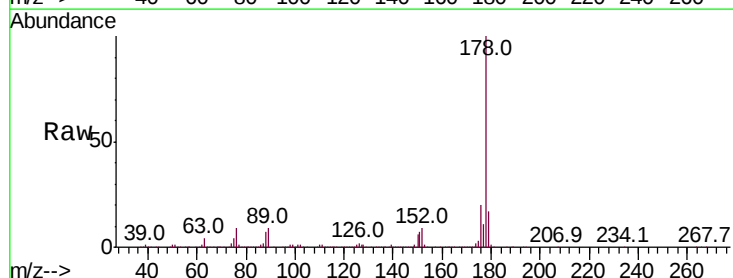
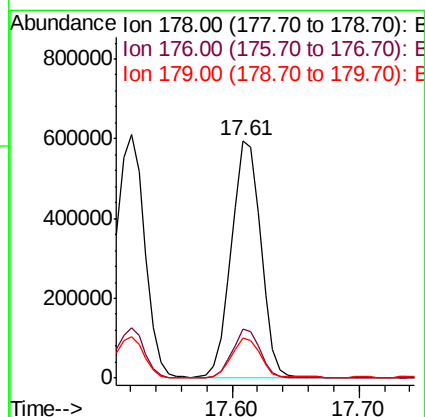
Manual Integrations
 APPROVED

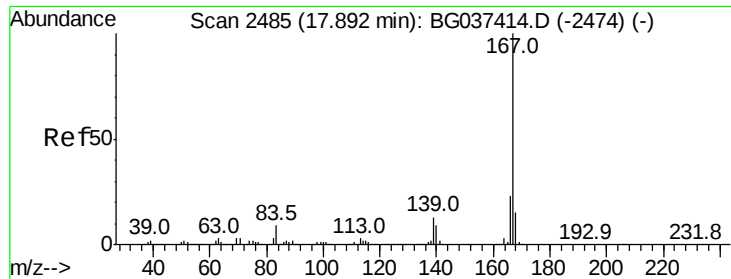
Sohil
 11/9/2018 1:37:06 PM



#72
 Anthracene
 Concen: 50.110 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion:178	Resp:	953264
Ion Ratio	Lower	Upper
178	100	
176	20.4	15.0 22.4
179	16.9	12.8 19.2





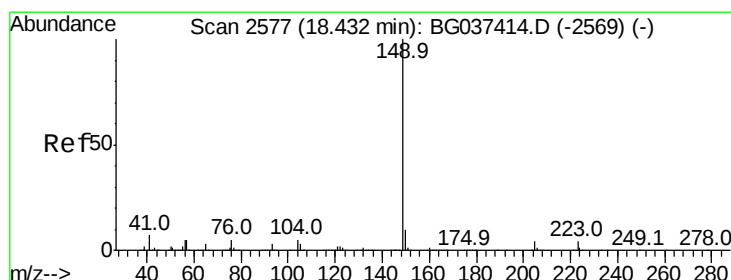
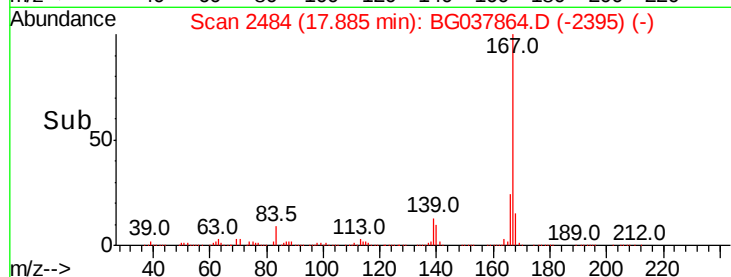
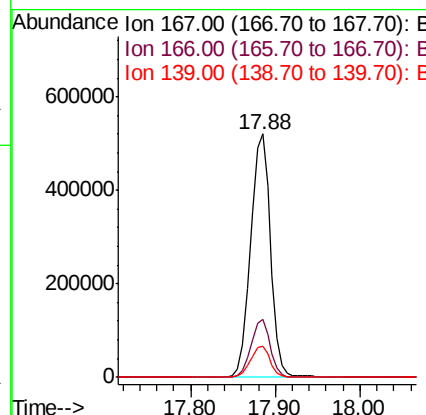
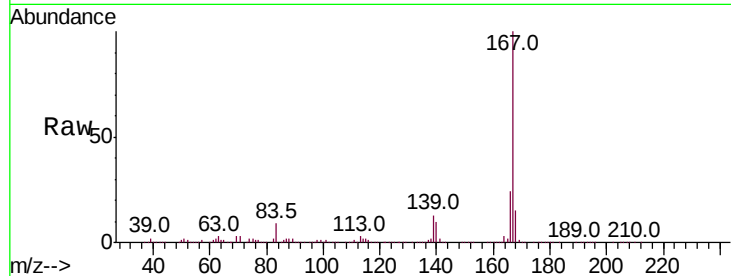
#73
 Carbazole
 Concen: 44.778 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.3	27.5
139	12.8	10.5	15.7

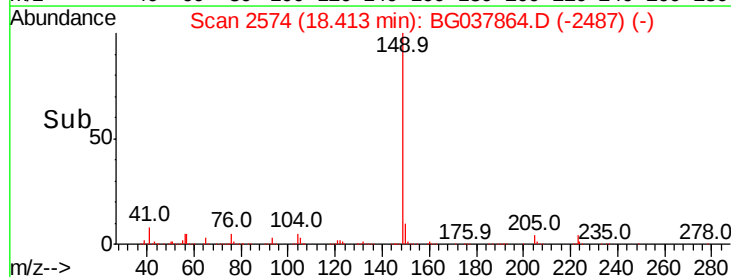
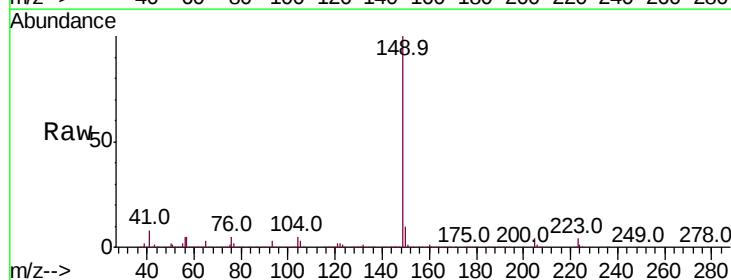
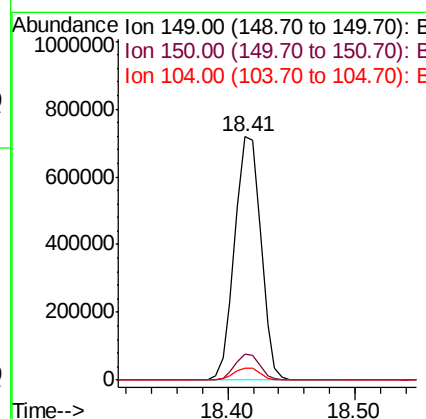
Manual Integrations
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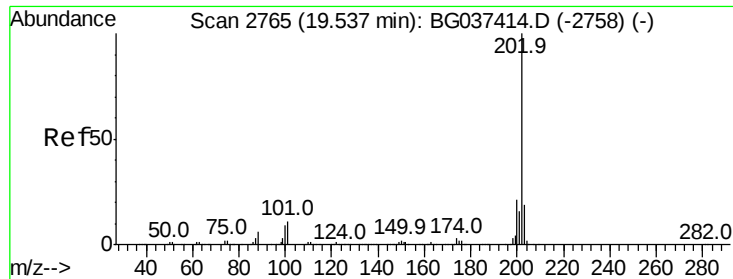
Sohil
 11/9/2018 1:37:06 PM



#74
 Di-n-butylphthalate
 Concen: 48.365 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 48.957 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

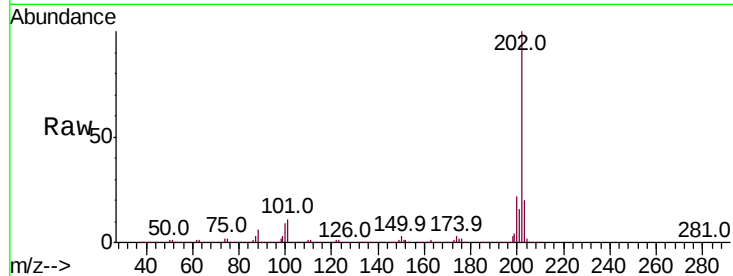
ClientSampleId :

C19013081MS

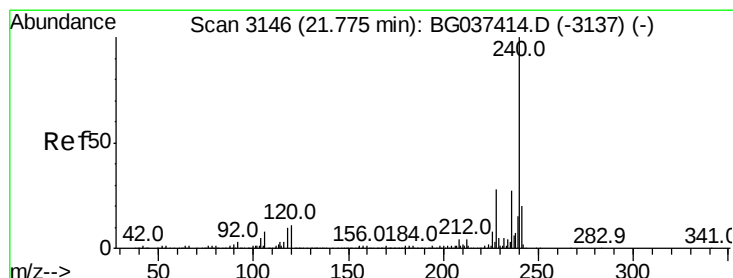
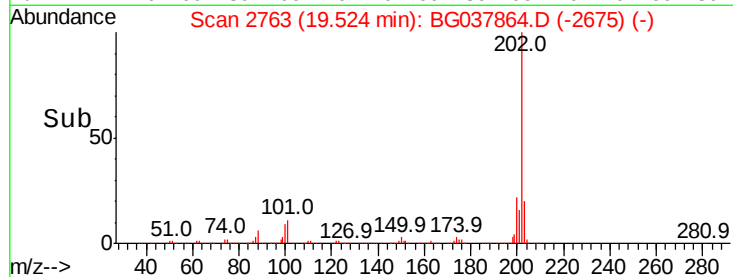
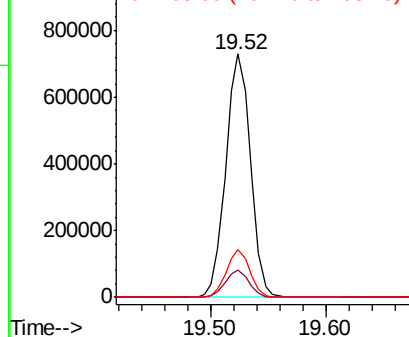
Tot Ion:	202	Resp:	1076373
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.7
203	19.7	0.0	38.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

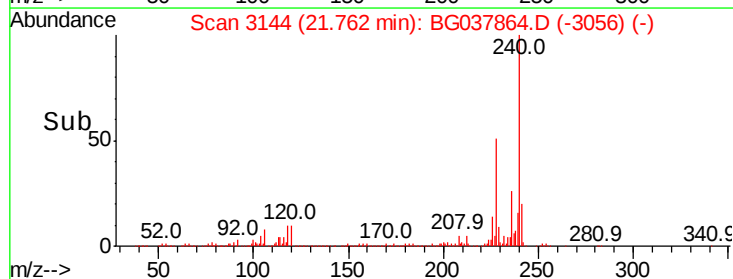
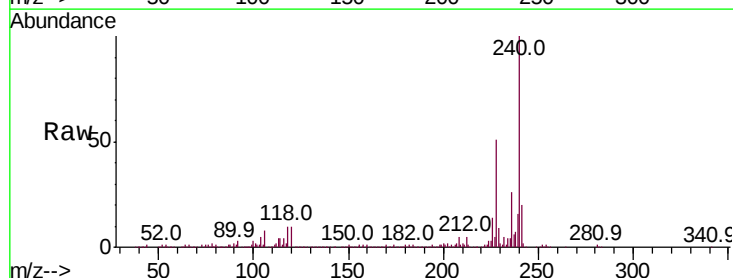
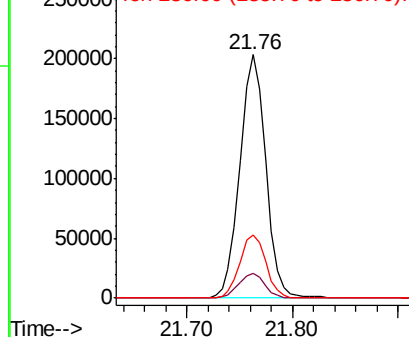
Delta R.T. -0.01 min

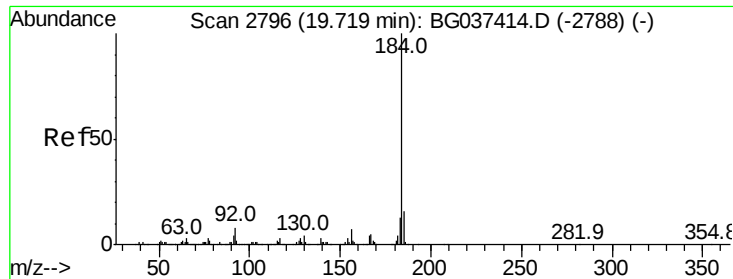
Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion:	240	Resp:	344207
Ion Ratio	Lower	Upper	
240	100		
120	10.3	8.1	12.1
236	26.2	21.4	32.0

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.895 ng

RT: 19.71 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

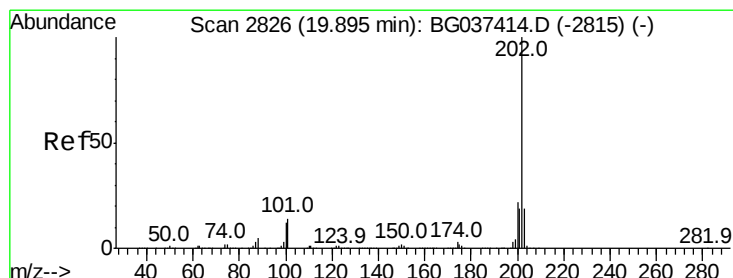
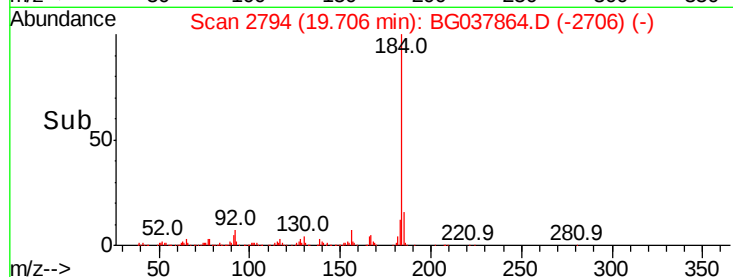
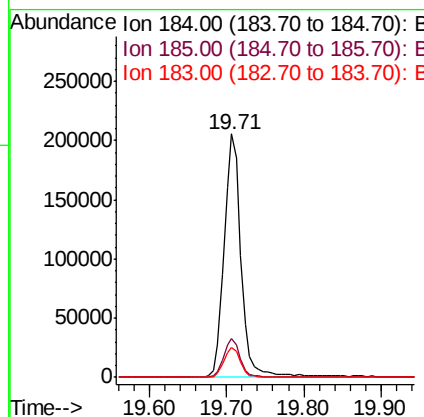
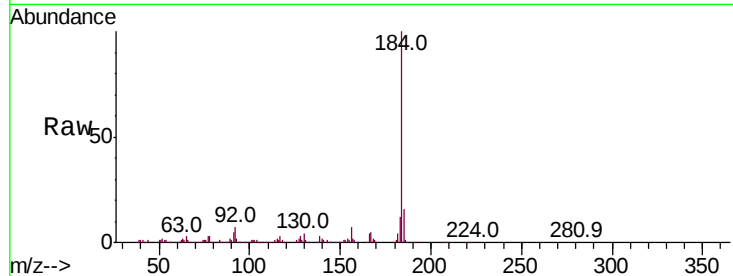
ClientSampleId :

C19013081MS

Tot Ion:	184	Resp:	314773
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.6	18.8
183	12.2	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 47.509 ng

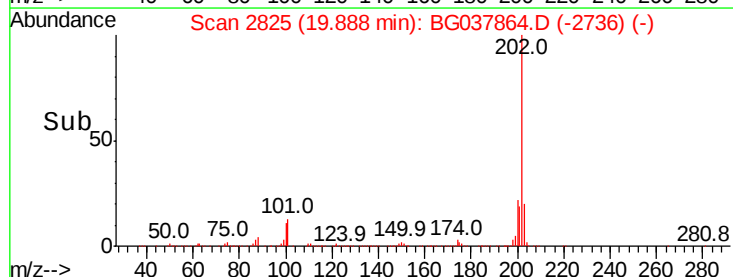
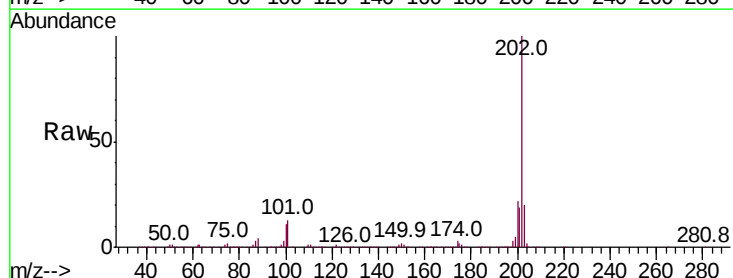
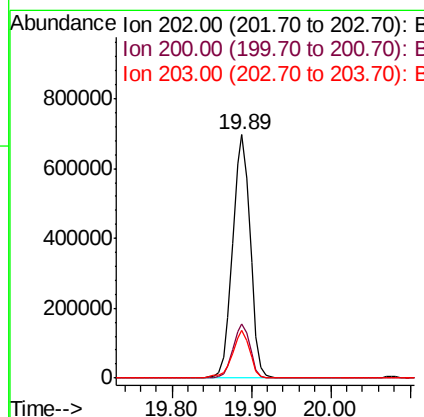
RT: 19.89 min Scan# 2825

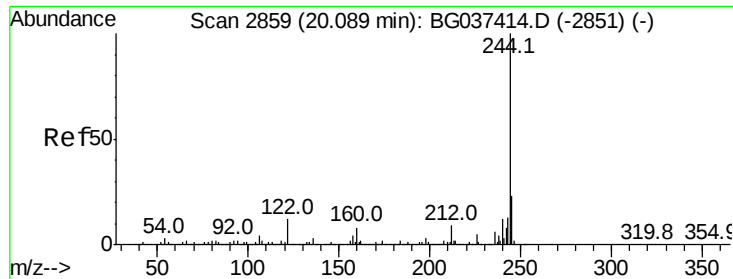
Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion:	202	Resp:	1069026
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.6
203	19.8	15.2	22.8





#79

Terphenyl-d14

Concen: 77.806 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

Tot Ion:244 Resp: 1253358

Ion Ratio Lower Upper

244 100

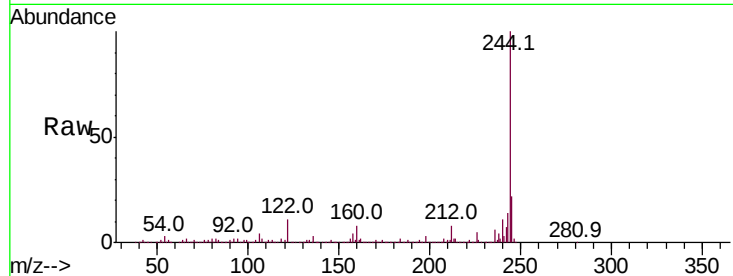
212 8.2 6.5 9.7

122 10.7 9.0 13.4

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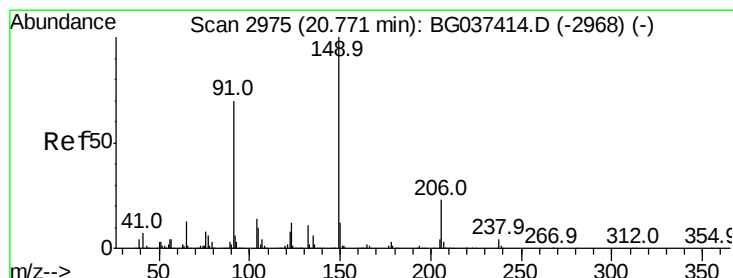
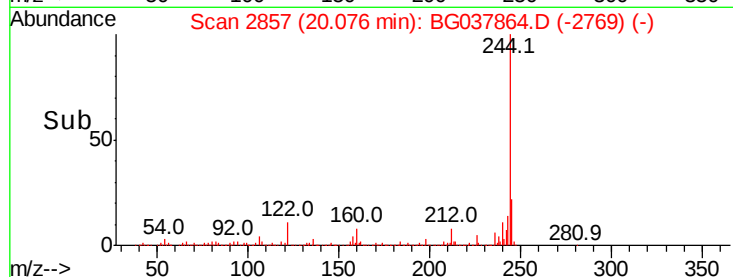
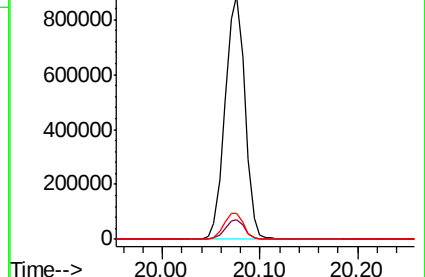
11/9/2018 1:37:06 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.277 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

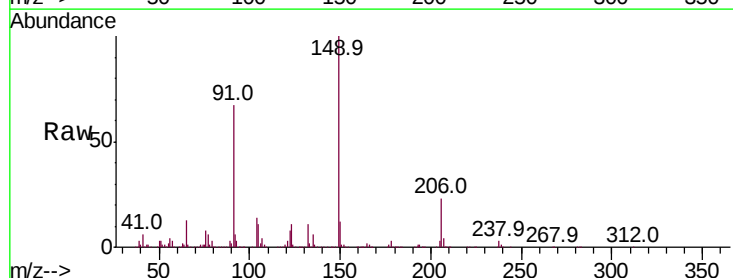
Tgt Ion:149 Resp: 472202

Ion Ratio Lower Upper

149 100

91 67.2 57.0 85.4

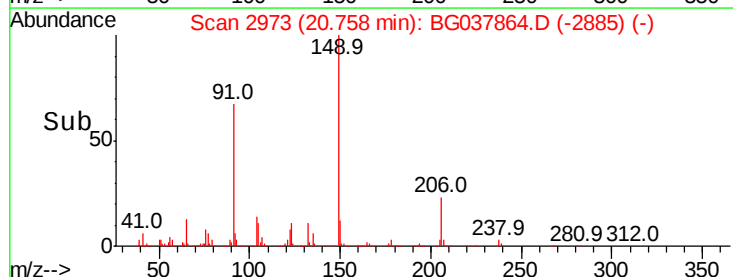
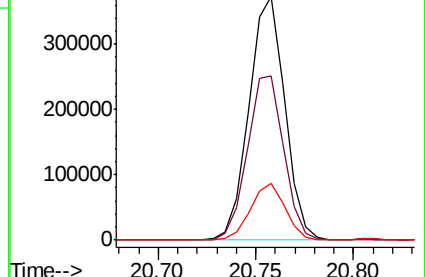
206 23.3 17.8 26.6

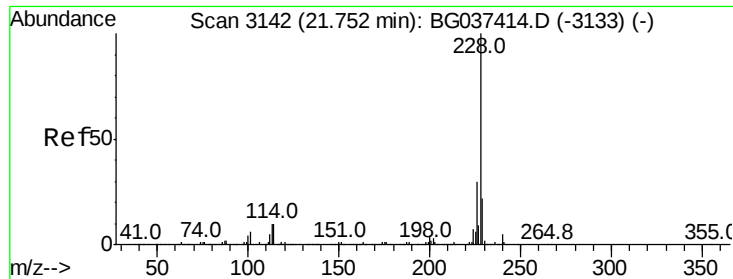


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





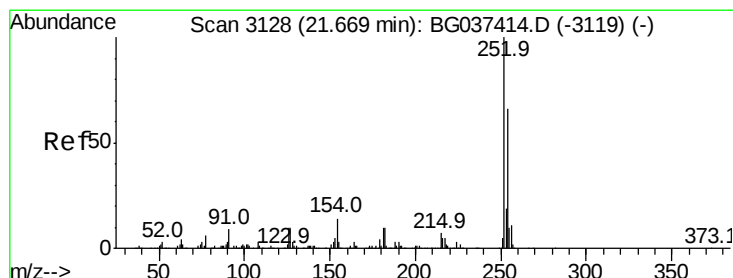
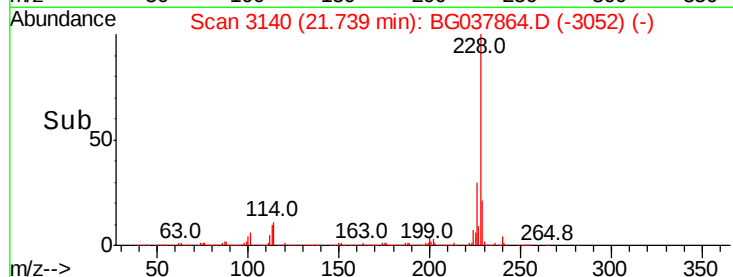
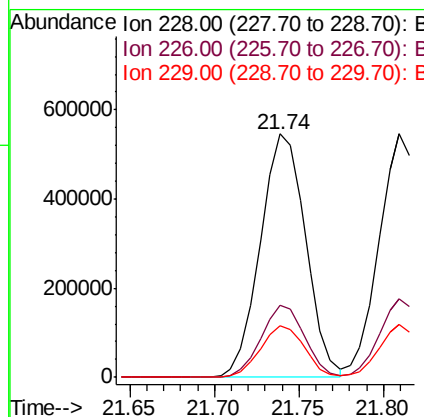
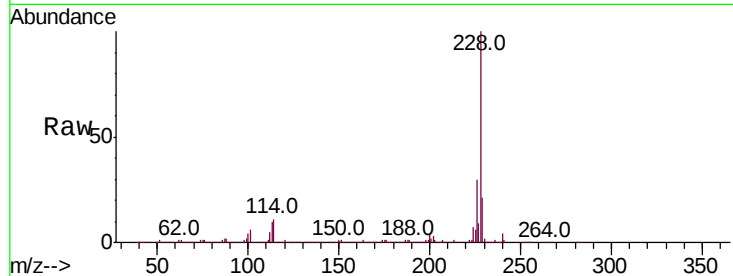
#81
Benzo(a)anthracene
Concen: 49.767 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion:228 Resp: 1013227
Ion Ratio Lower Upper
228 100
226 29.8 22.6 33.8
229 21.3 16.3 24.5

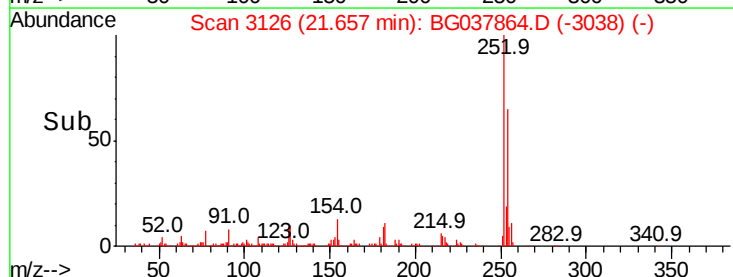
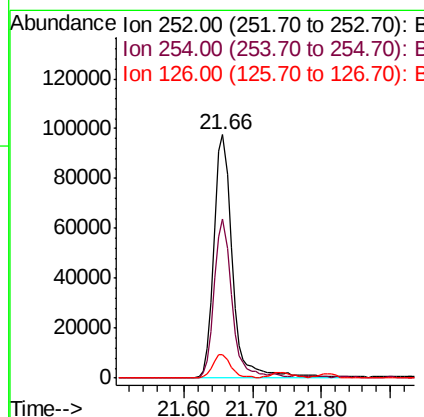
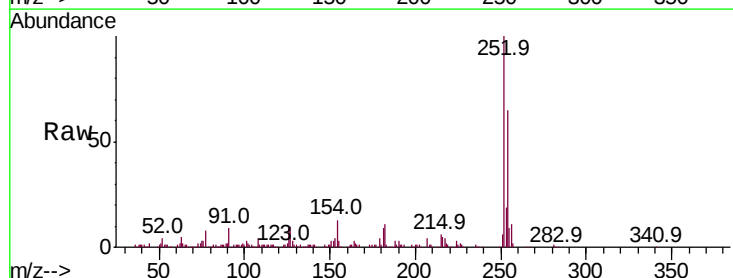
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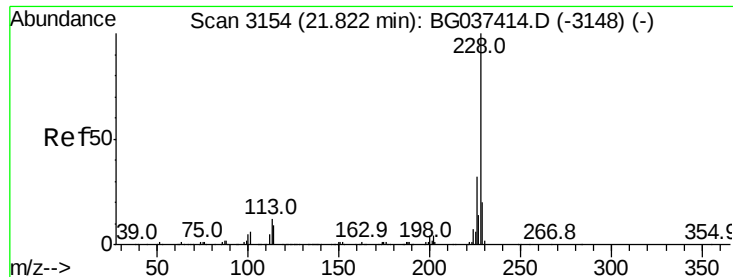
Sohil
11/9/2018 1:37:06 PM



#82
3,3'-Dichlorobenzidine
Concen: 23.331 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:252 Resp: 184118
Ion Ratio Lower Upper
252 100
254 65.2 52.0 78.0
126 9.5 8.2 12.4





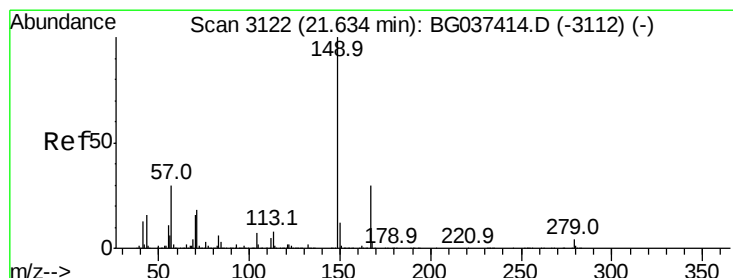
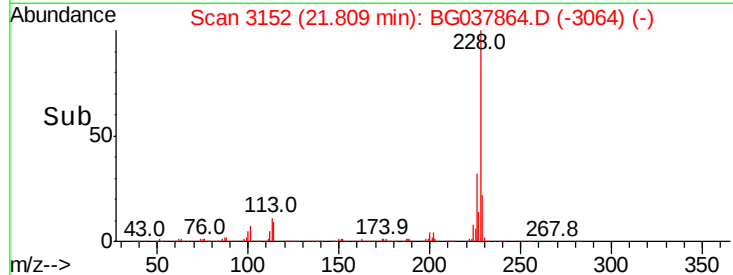
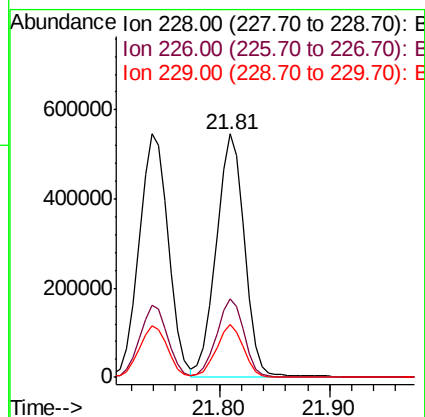
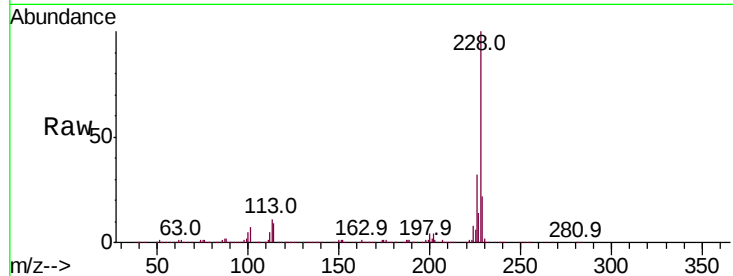
#83
Chrysene
Concen: 48.992 ng
RT: 21.81 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.1	25.7	38.5	
229	21.8	16.5	24.7	

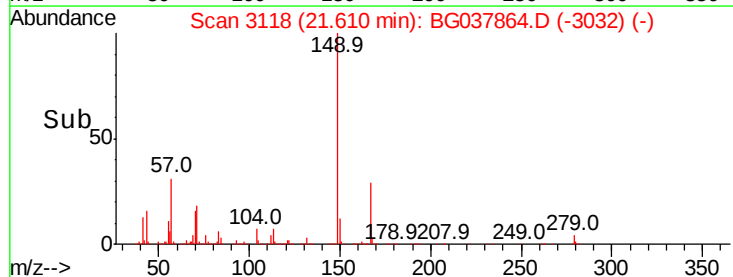
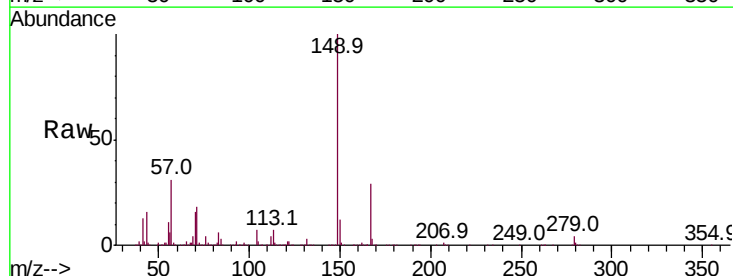
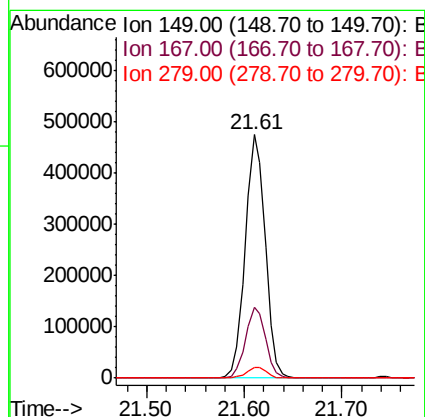
Manual Integrations
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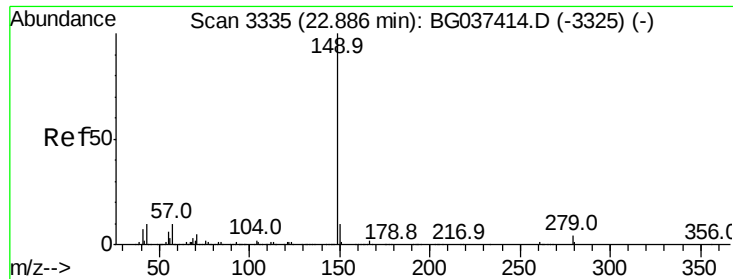
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.398 ng
RT: 21.61 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.3	23.0	34.4	
279	4.4	3.6	5.4	





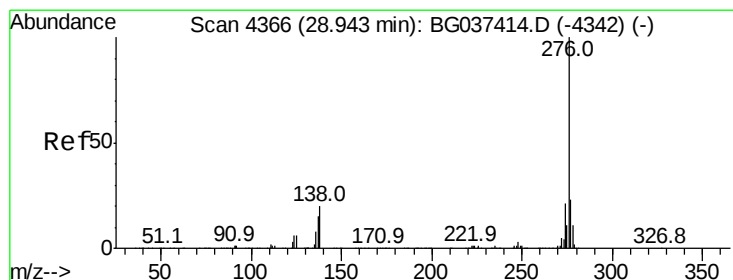
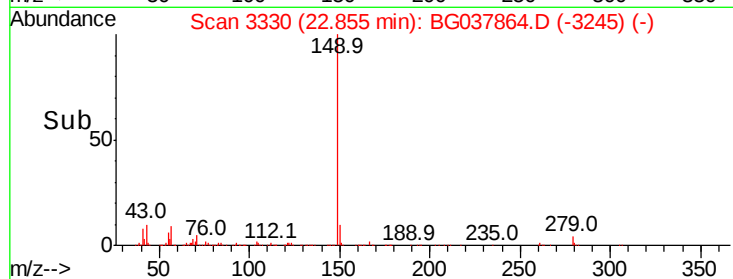
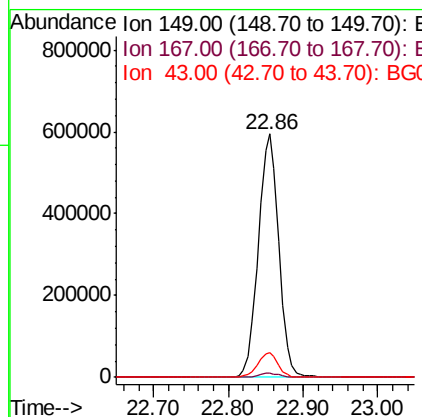
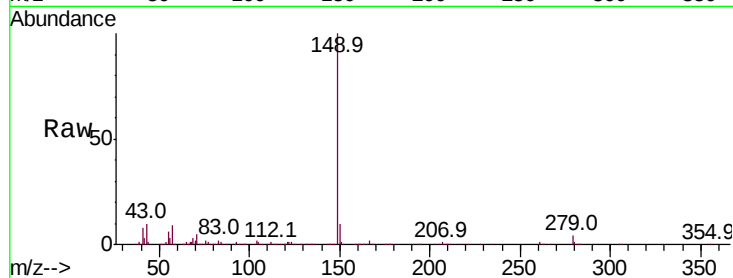
#85
Di-n-octyl phthalate
Concen: 53.732 ng
RT: 22.86 min Scan# 3330
Delta R.T. -0.03 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.9	8.7	13.1

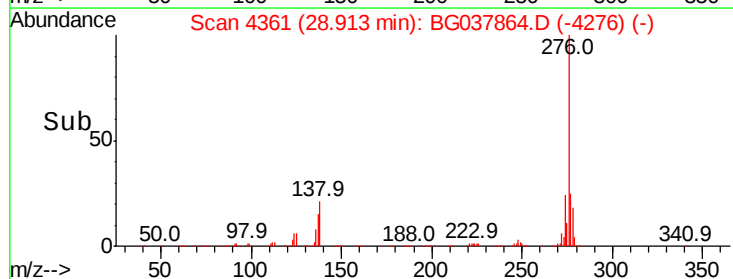
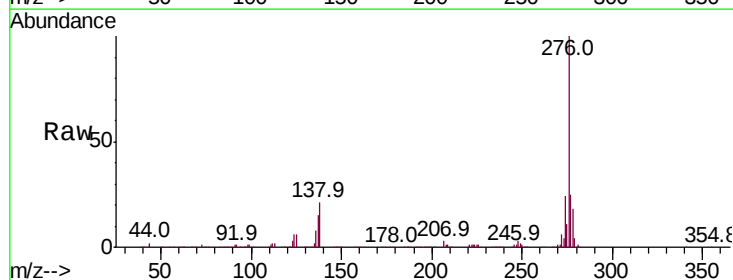
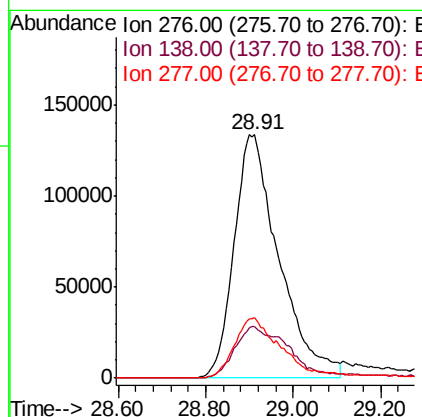
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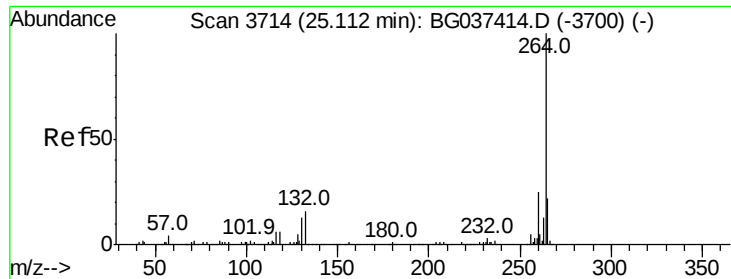
Sohil
11/9/2018 1:37:06 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.449 ng
RT: 28.91 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	12.0	18.0#
277	25.9	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

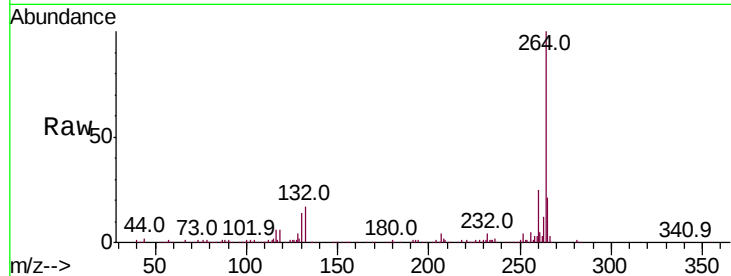
ClientSampleId :

C19013081MS

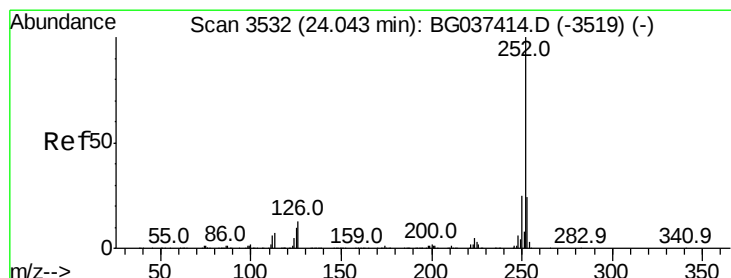
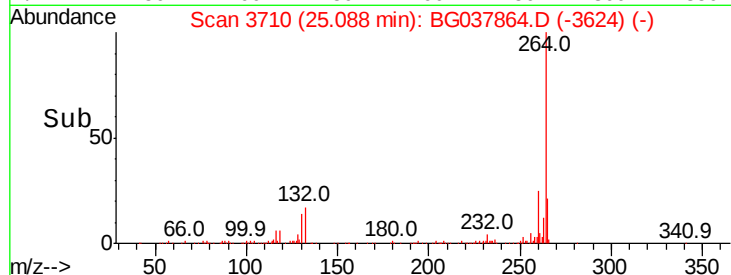
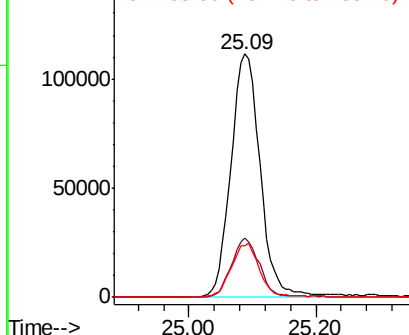
Tot Ion:	264	Resp:	355368
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.2	27.4
265	21.1	17.9	26.9

Manual Integrations
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11/9/2018 1:37:06 PM



Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.874 ng

RT: 24.02 min Scan# 3529

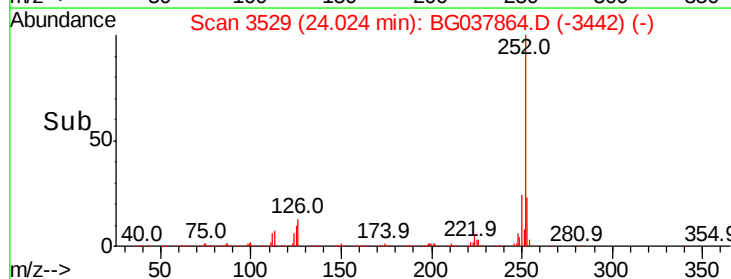
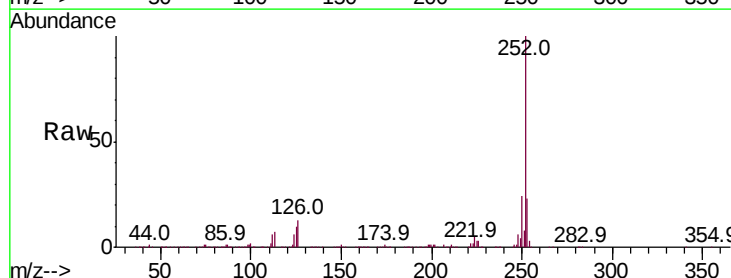
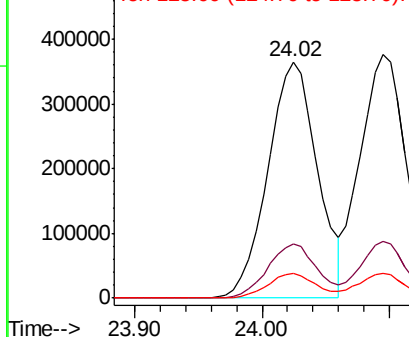
Delta R.T. -0.02 min

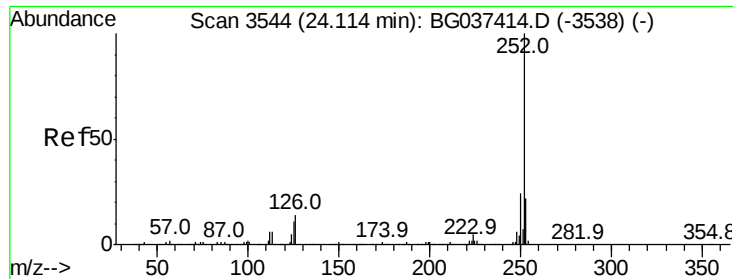
Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion:	252	Resp:	991165
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.2	27.2
125	10.2	7.8	11.6

Abundance Ion 252.00 (251.70 to 252.70): E
500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





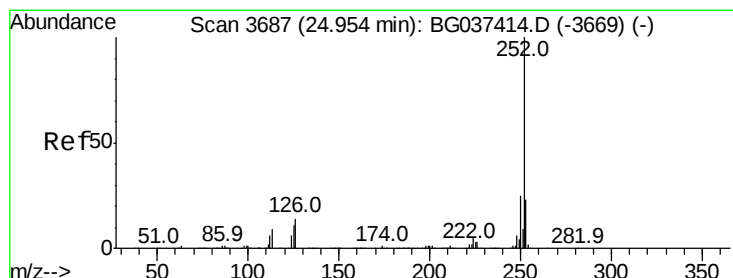
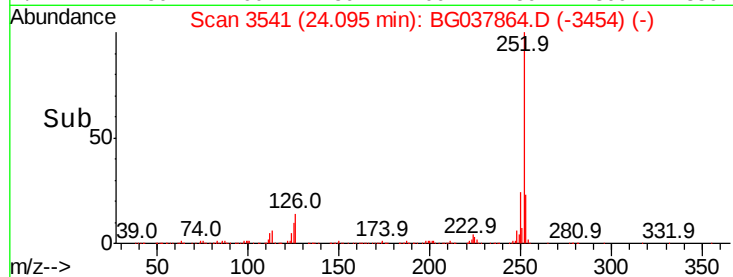
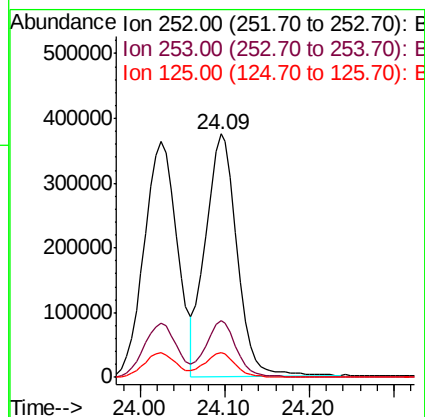
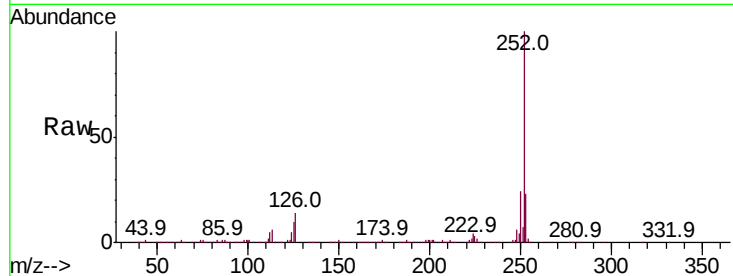
#89
Benzo(k)fluoranthene
Concen: 50.755 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	10.1	7.4	11.0

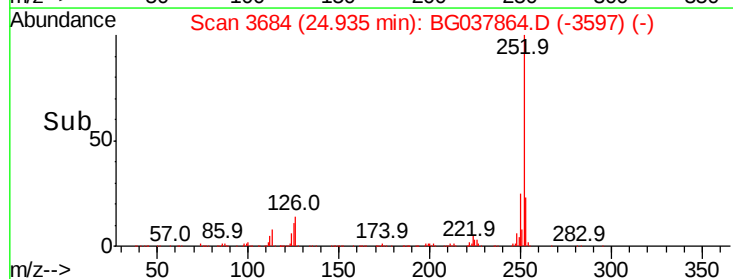
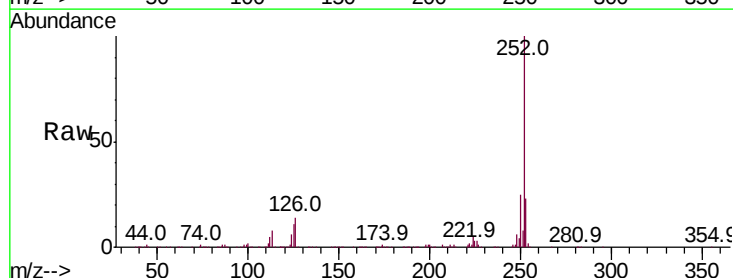
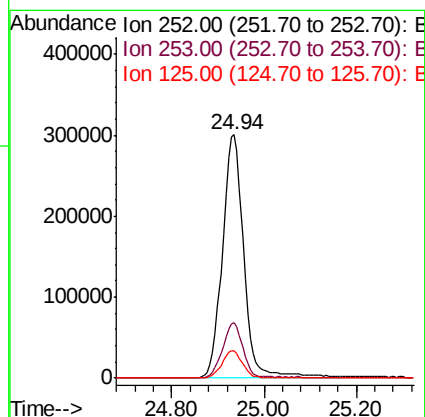
Manual Integrations
APPROVED

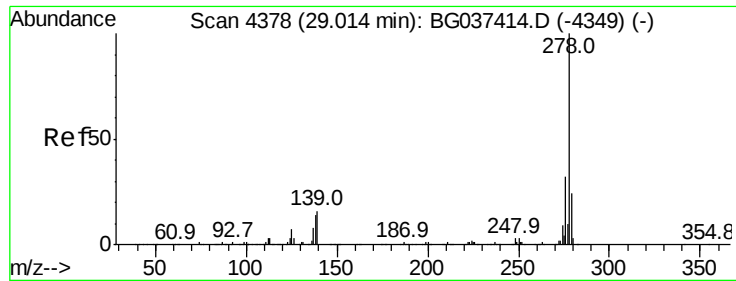
Sohil
11/9/2018 1:37:06 PM



#90
Benzo(a)pyrene
Concen: 52.002 ng
RT: 24.94 min Scan# 3684
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	11.0	9.0	13.6





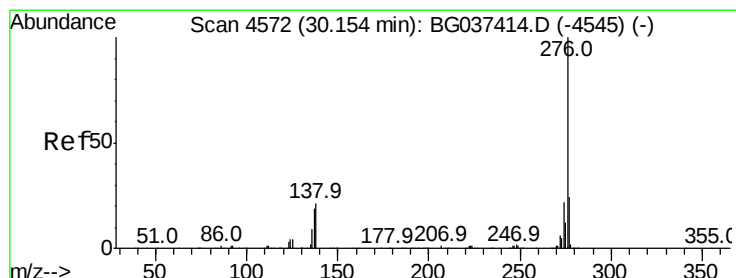
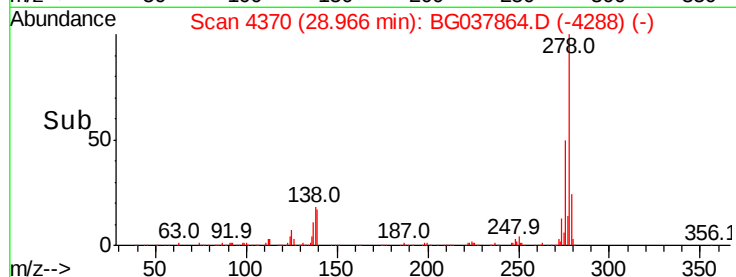
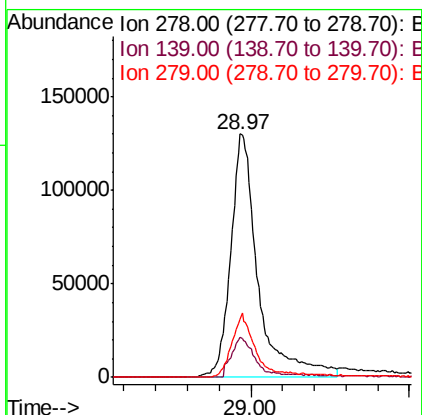
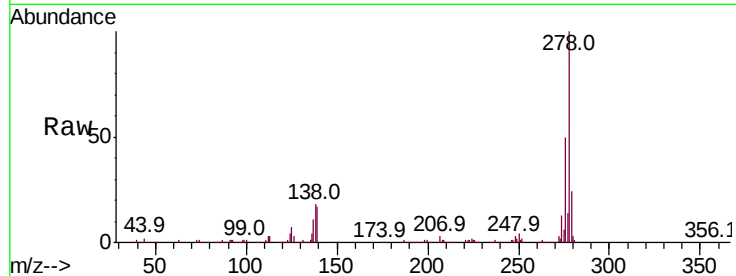
#91
Dibenzo(a,h)anthracene
Concen: 45.845 ng
RT: 28.97 min Scan# 4370
Delta R.T. -0.05 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.5	17.3
279	23.9	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/9/2018 1:37:06 PM



#92
Benzo(g,h,i)perylene
Concen: 46.092 ng
RT: 30.11 min Scan# 4564
Delta R.T. -0.05 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	21.3	17.2	25.8

