

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040382.D
 Acq On : 5 Apr 2019 18:25
 Operator : JU/SJ
 Sample : PB118644BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

Manual Integrations
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Sohil
 4/8/2019 10:02:07 AM

Quant Time: Apr 06 00:18:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57138	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	235373	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	141879	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	348546	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	378607	20.00	ng	-0.03
87) Perylene-d12	24.97	264	370167	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	462933	134.69	ng	-0.02
7) Phenol-d6	7.20	99	623653	131.29	ng	-0.02
23) Nitrobenzene-d5	9.22	82	342639	77.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	216709	141.33	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	765735	79.97	ng	-0.02
79) Terphenyl-d14	20.02	244	1250024	74.28	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	86220	53.349	ng	98
3) Pyridine	3.89	79	161298	37.068	ng	97
4) n-Nitrosodimethylamine	3.82	42	76324	37.919	ng	# 88
6) Aniline	7.38	93	168052	27.231	ng	98
8) 2-Chlorophenol	7.61	128	166924	41.488	ng	97
9) Benzaldehyde	7.19	77	46207	14.181	ng	99
10) Phenol	7.23	94	219017	42.480	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	162592	39.373	ng	98
12) 1,3-Dichlorobenzene	7.93	146	170311	38.940	ng	97
13) 1,4-Dichlorobenzene	8.08	146	174526	40.065	ng	97
14) 1,2-Dichlorobenzene	8.40	146	166306	39.922	ng	100
15) Benzyl Alcohol	8.29	79	145510	38.037	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	296281	37.384	ng	99
17) 2-Methylphenol	8.48	107	147373	41.308	ng	98
18) Hexachloroethane	9.12	117	63626	38.399	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	125626	36.887	ng	99
20) 3+4-Methylphenols	8.81	107	200279	41.439	ng	99
22) Acetophenone	8.88	105	248399	42.307	ng	# 96
24) Nitrobenzene	9.26	77	186414	40.653	ng	98
25) Isophorone	9.77	82	357731	39.262	ng	97
26) 2-Nitrophenol	9.97	139	88393	40.682	ng	98
27) 2,4-Dimethylphenol	10.02	122	165112	47.840	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	222285	41.236	ng	99
29) 2,4-Dichlorophenol	10.50	162	166518	44.450	ng	100
30) 1,2,4-Trichlorobenzene	10.72	180	174521	42.427	ng	99
31) Naphthalene	10.91	128	506672	41.997	ng	99
32) Benzoic acid	10.16	122	56491	27.090	ng	95
33) 4-Chloroaniline	11.03	127	138862	26.983	ng	96
34) Hexachlorobutadiene	11.17	225	106324	40.416	ng	95
35) Caprolactam	11.81	113	56387m	37.929	ng	
36) 4-Chloro-3-methylphenol	12.14	107	181214	42.077	ng	97
37) 2-Methylnaphthalene	12.51	142	372132	41.706	ng	97
38) 1-Methylnaphthalene	12.73	142	353373	40.841	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	189522	42.028	ng	99

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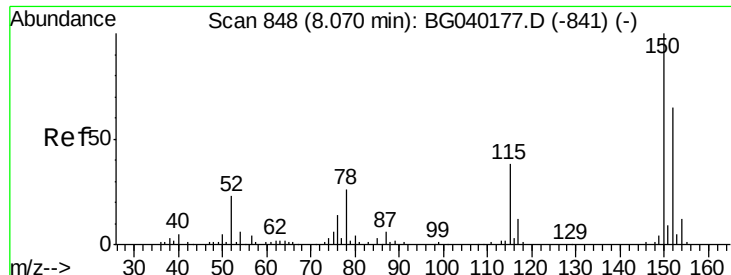
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	217893	88.002	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	130758	44.975	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	140088	44.206	ng	96
46) 1,1'-Biphenyl	13.51	154	472236	42.125	ng	98
47) 2-Chloronaphthalene	13.56	162	367004	42.680	ng	99
48) 2-Nitroaniline	13.77	65	120695	41.612	ng	94
49) Acenaphthylene	14.40	152	601874	41.282	ng	98
50) Dimethylphthalate	14.13	163	465934	41.961	ng	99
51) 2,6-Dinitrotoluene	14.26	165	105265	42.220	ng	98
52) Acenaphthene	14.75	154	349260	41.806	ng	96
53) 3-Nitroaniline	14.59	138	81616	30.925	ng	94
54) 2,4-Dinitrophenol	14.80	184	101121	76.262	ng	90
55) Dibenzofuran	15.07	168	573610	42.730	ng	99
56) 4-Nitrophenol	14.90	139	174985	82.151	ng	97
57) 2,4-Dinitrotoluene	15.04	165	152481	44.014	ng	98
58) Fluorene	15.72	166	447255	42.377	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	132512	46.081	ng	99
60) Diethylphthalate	15.48	149	484227	42.616	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	245039	43.435	ng	99
62) 4-Nitroaniline	15.76	138	119907	42.336	ng	99
63) Azobenzene	16.00	77	448393	41.836	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	82902	42.336	ng	99
66) n-Nitrosodiphenylamine	15.93	169	425735	41.741	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	156524	39.906	ng	95
68) Hexachlorobenzene	16.72	284	163462	41.448	ng	98
69) Atrazine	16.87	200	156080	41.138	ng	97
70) Pentachlorophenol	17.07	266	170870	74.942	ng	99
71) Phenanthrene	17.47	178	774527	42.277	ng	99
72) Anthracene	17.55	178	782261	42.660	ng	100
73) Carbazole	17.83	167	755161	43.515	ng	98
74) Di-n-butylphthalate	18.36	149	880026	42.781	ng	100
75) Fluoranthene	19.47	202	979850	45.168	ng	100
77) Benzidine	19.66	184	354533	25.931	ng	98
78) Pyrene	19.83	202	973938	39.118	ng	100
80) Butylbenzylphthalate	20.70	149	435428	40.870	ng	96
81) Benzo(a)anthracene	21.67	228	938618	40.249	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	262224	29.559	ng	98
83) Chrysene	21.74	228	911075	40.651	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	620124	40.718	ng	98
85) Di-n-octyl phthalate	22.77	149	1071204	41.283	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1136211	41.450	ng	# 90
88) Benzo(b)fluoranthene	23.92	252	1001338	44.184	ng	98
89) Benzo(k)fluoranthene	23.99	252	959484	46.038	ng	98
90) Benzo(a)pyrene	24.82	252	976821	45.938	ng	98
91) Dibenzo(a,h)anthracene	28.79	278	918937	46.531	ng	97
92) Benzo(g,h,i)perylene	29.92	276	935736	46.104	ng	98

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



#1

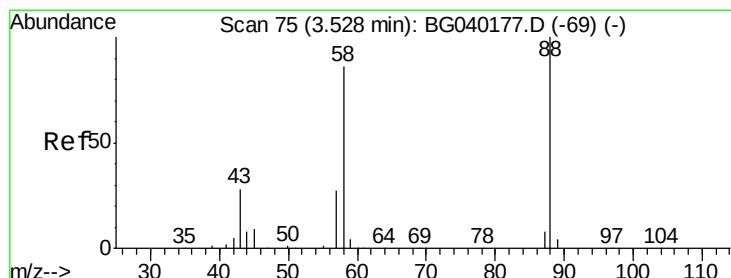
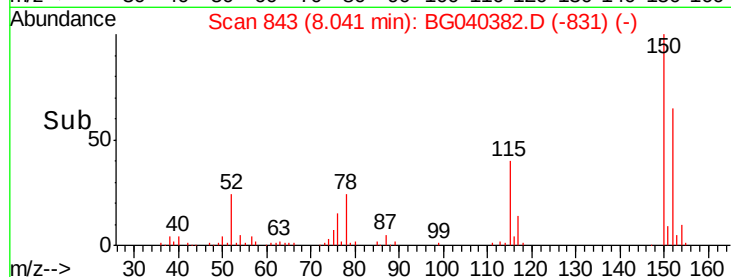
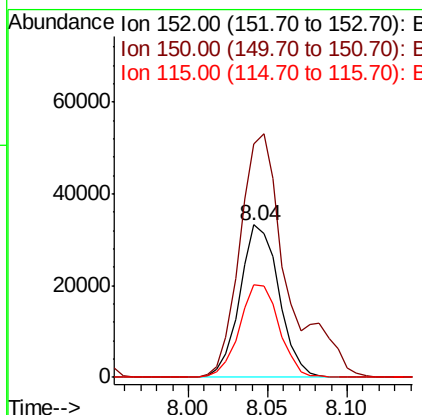
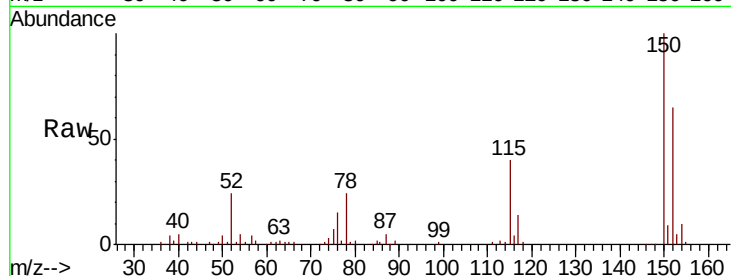
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.7	185.5
115	60.8	46.9	70.3

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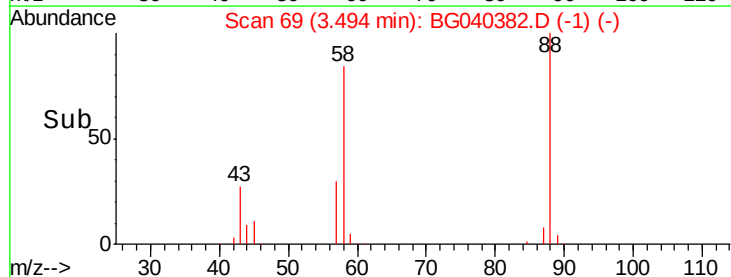
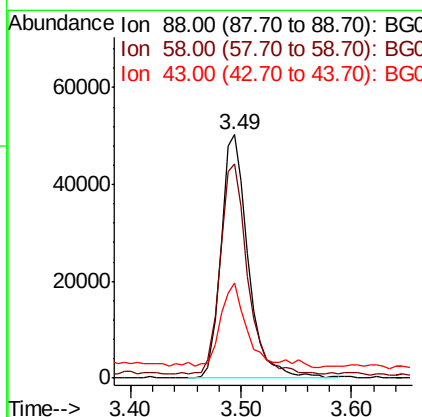
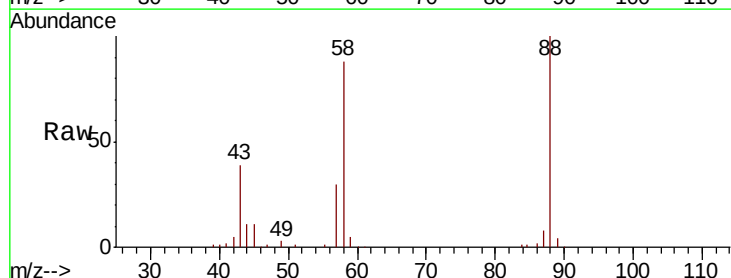
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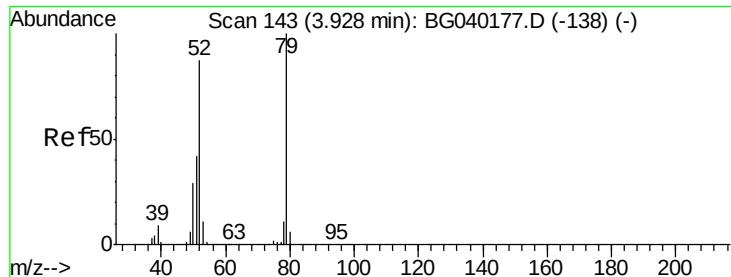


#2

1,4-Dioxane
Concen: 53.349 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	70.6	106.0
43	31.6	24.8	37.2





#3

Pvridine

Concen: 37.068 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

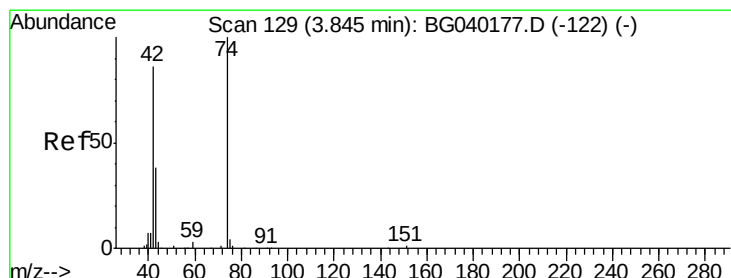
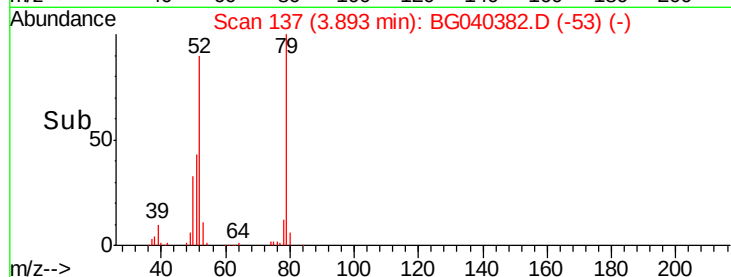
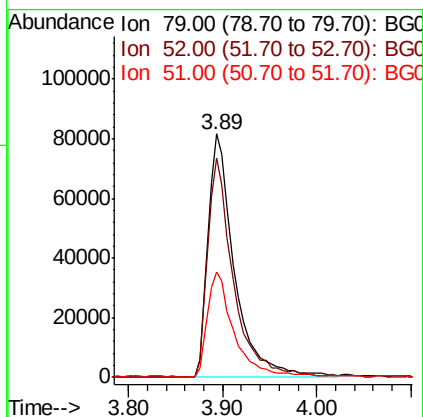
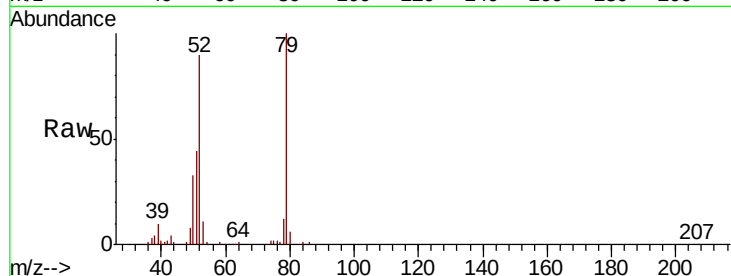
ClientSampled :

PB118644BS

Tot Ion:	79	Resp:	161298
Ion	Ratio	Lower	Upper
79	100		
52	90.2	69.8	104.8
51	43.5	33.9	50.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.919 ng

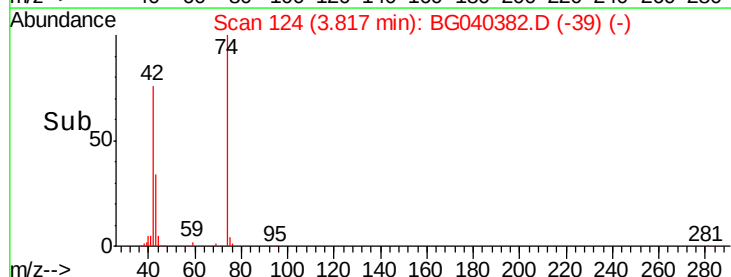
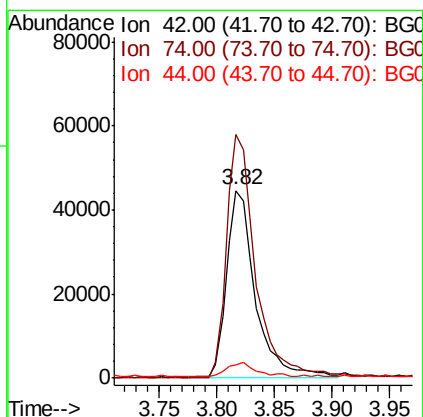
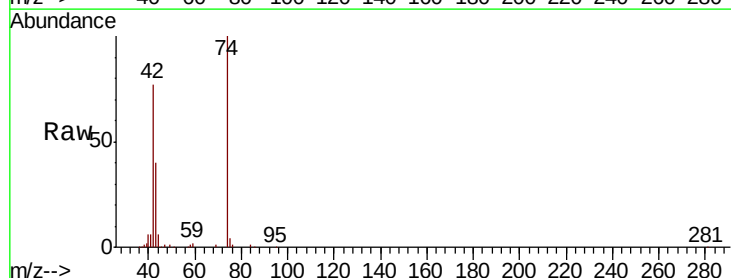
RT: 3.82 min Scan# 124

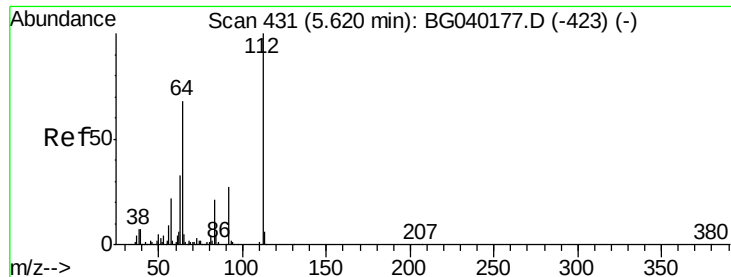
Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Tgt Ion:	42	Resp:	76324
Ion	Ratio	Lower	Upper
42	100		
74	129.6	92.9	139.3
44	7.2	9.7	14.5#





#5

2-Fluorophenol

Concen: 134.689 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

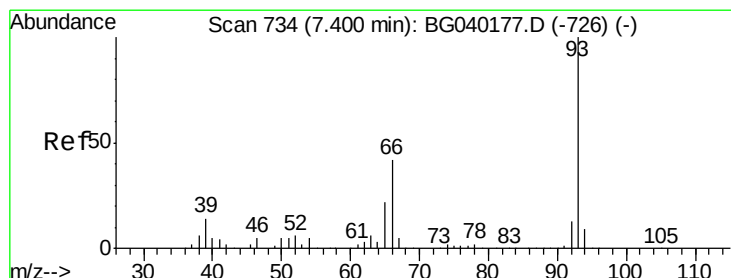
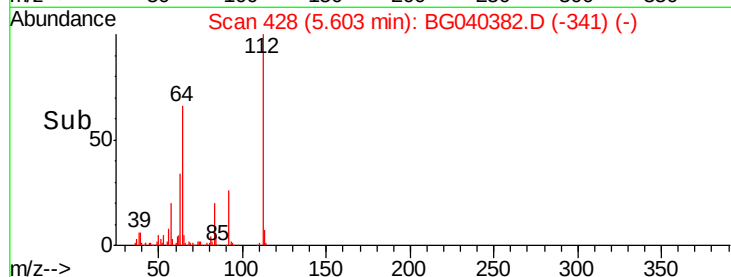
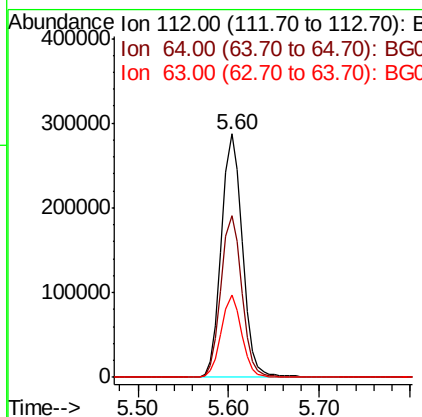
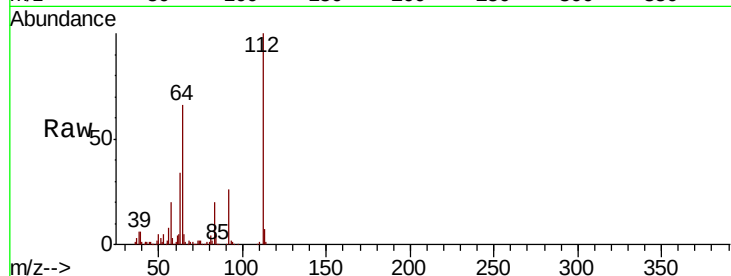
ClientSampleId :

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Tot Ion:	112	Resp:	462933
Ion Ratio	Lower	Upper	
112	100		
64	66.5	54.2	81.2
63	33.9	26.4	39.6

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#6

Aniline

Concen: 27.231 ng

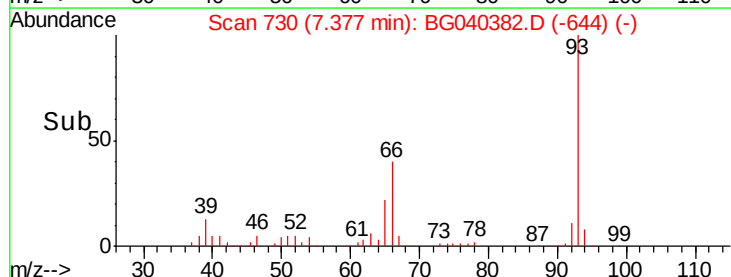
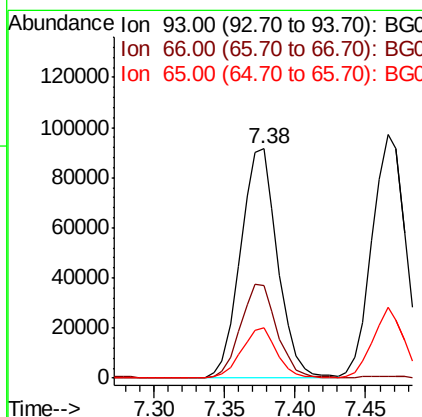
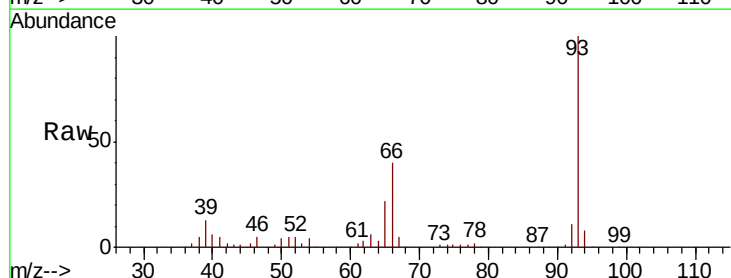
RT: 7.38 min Scan# 730

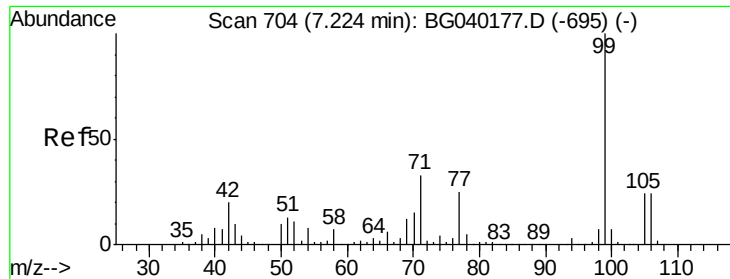
Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Tgt Ion:	93	Resp:	168052
Ion Ratio	Lower	Upper	
93	100		
66	40.2	33.6	50.4
65	21.7	17.4	26.2





#7

Phenol-d6

Concen: 131.294 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

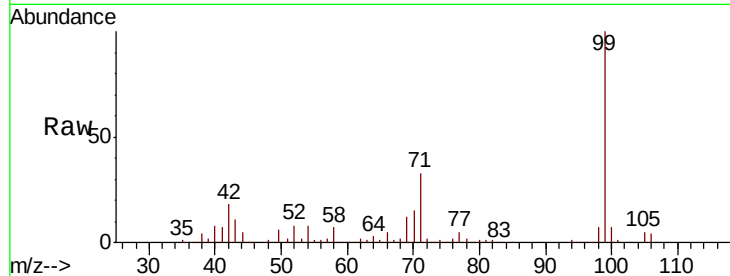
ClientSampleId :

PB118644BS

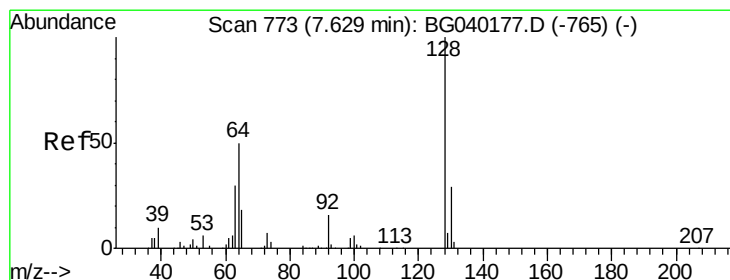
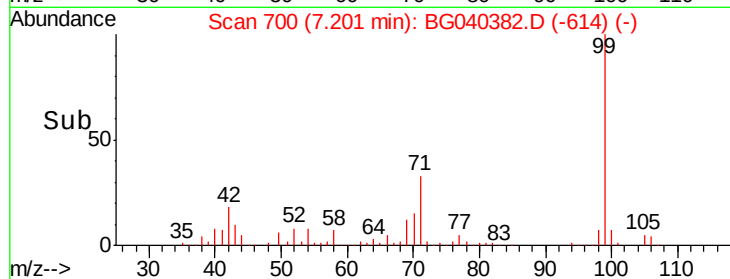
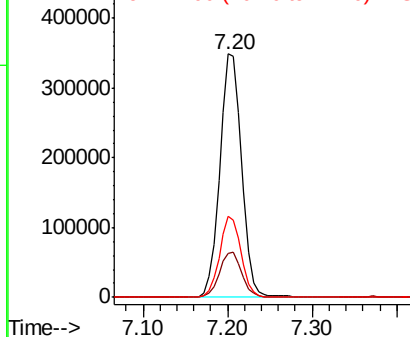
Tot Ion:	99	Resp:	623653
Ion Ratio	Lower	Upper	
99	100		
42	18.1	16.2	24.2
71	33.2	26.8	40.2

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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: 41.488 ng

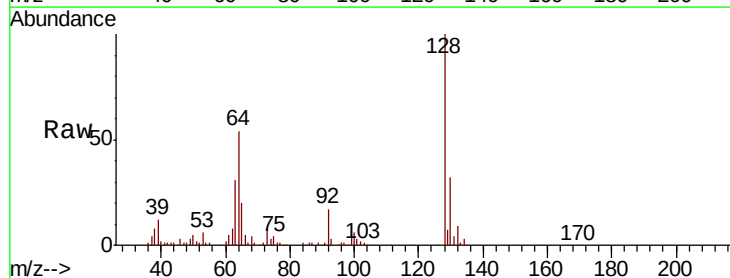
RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

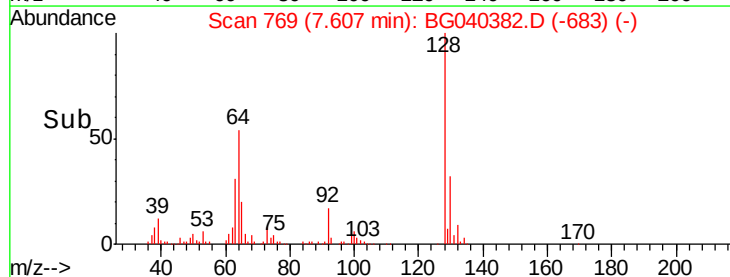
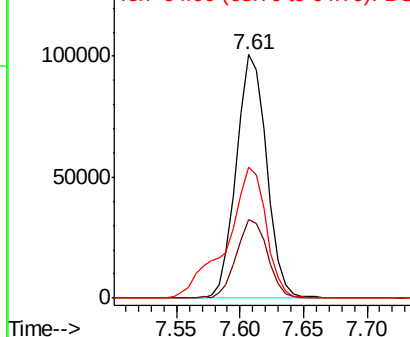
Lab File: BG040382.D

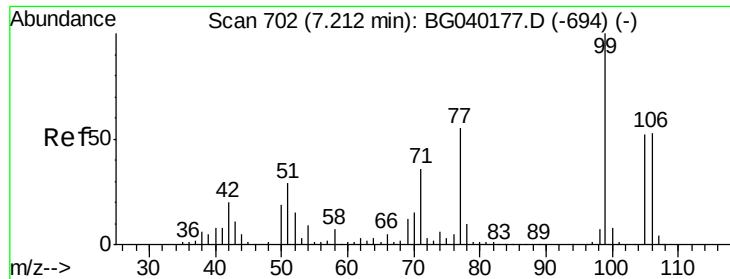
Acq: 5 Apr 2019 18:25

Tgt Ion:	128	Resp:	166924
Ion Ratio	Lower	Upper	
128	100		
130	32.3	9.1	49.1
64	53.7	33.1	73.1



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





#9

Benzaldehyde

Concen: 14.181 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

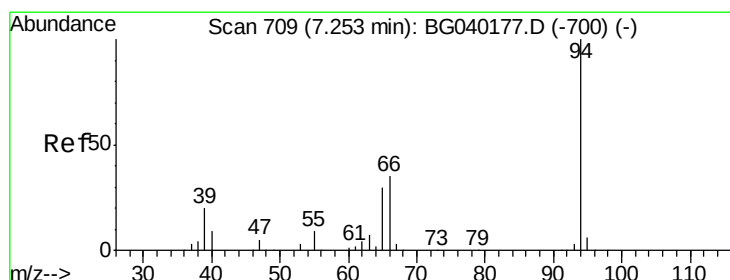
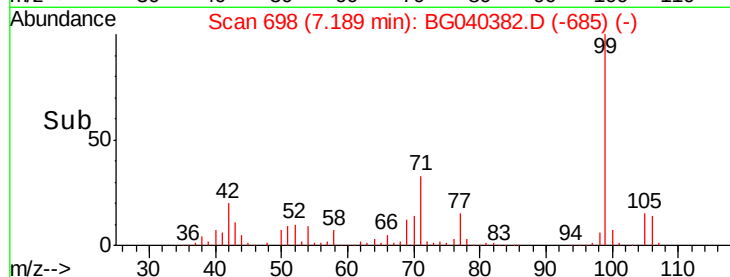
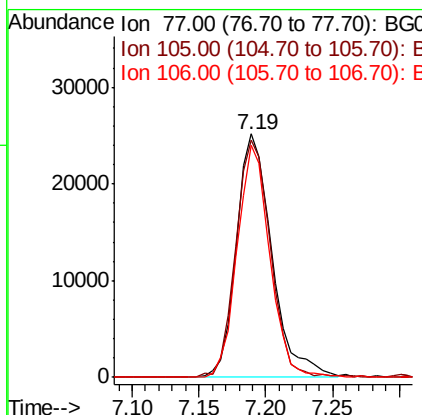
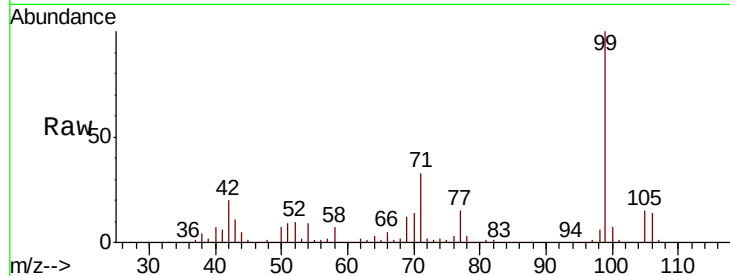
ClientSampled :

PB118644BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	97.2		75.0	115.0	
106	95.1		75.7	115.7	

Manual Integrations
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#10

Phenol

Concen: 42.480 ng

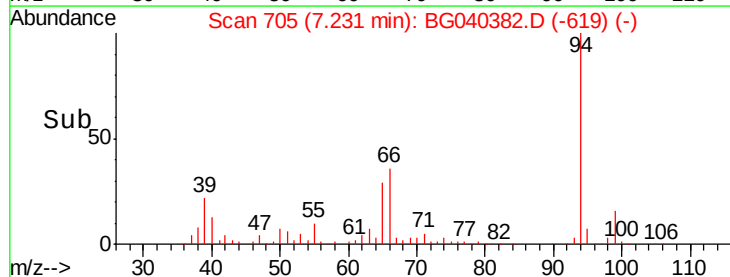
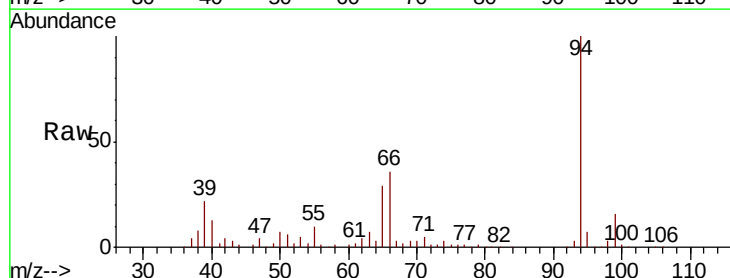
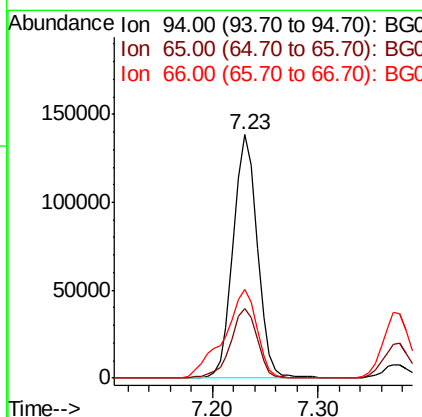
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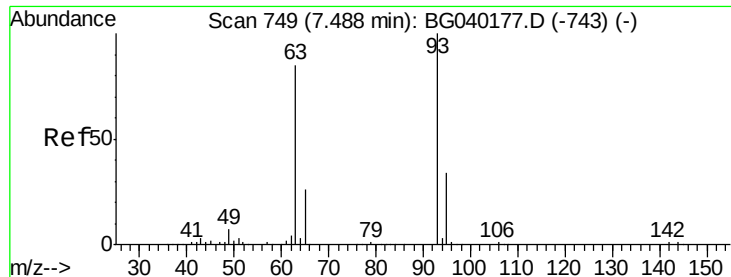
Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.5		10.5	50.5	
66	36.3		16.9	56.9	





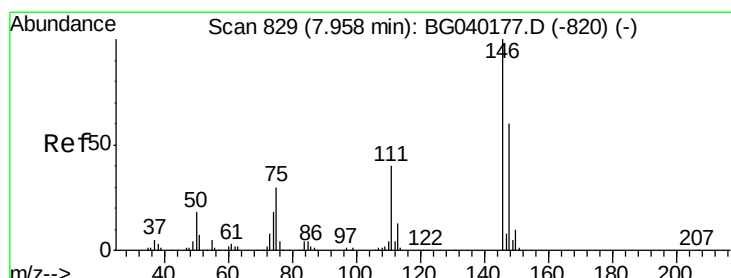
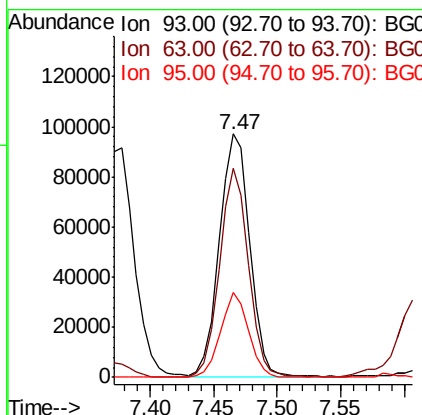
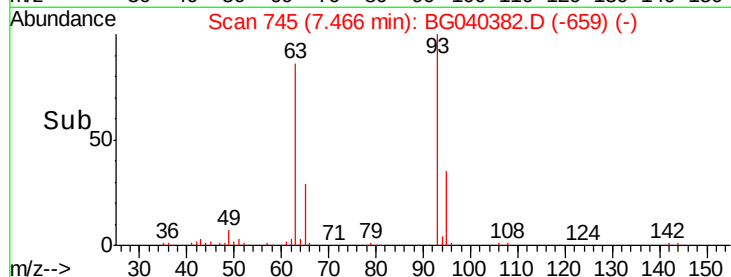
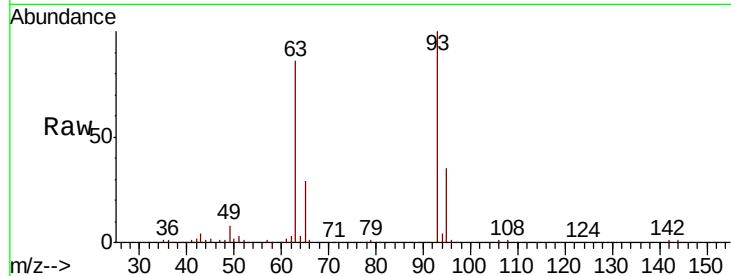
#11
 bis(2-Chloroethyl)ether
 Concen: 39.373 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

Tot Ion:	93	Resp:	162592
Ion	Ratio	Lower	Upper
93	100		
63	85.8	64.2	104.2
95	34.9	14.0	54.0

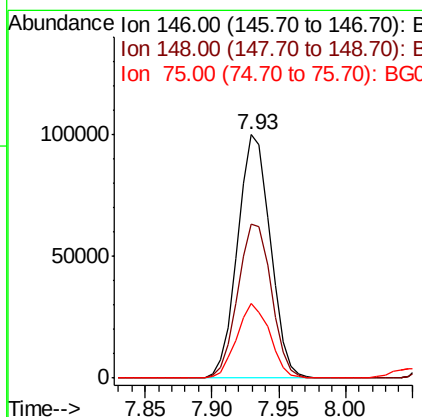
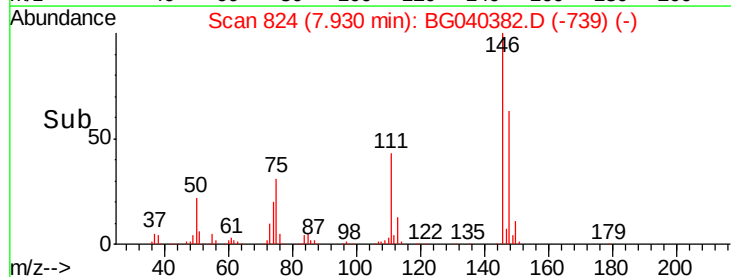
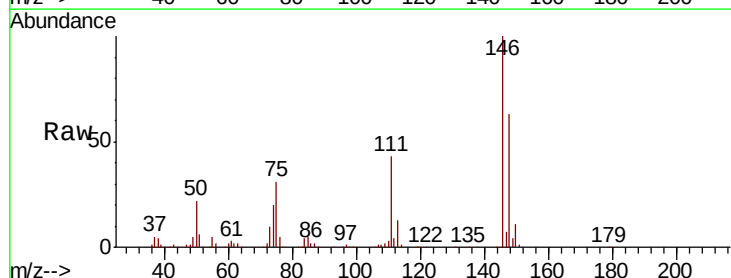
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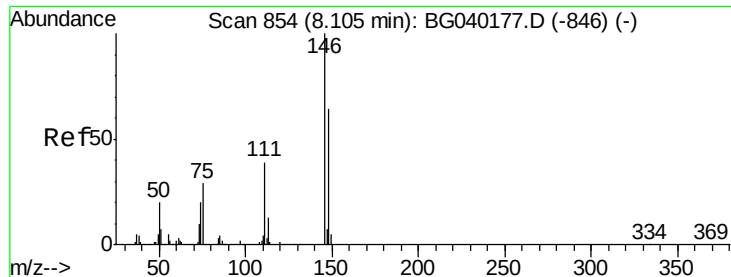
Sohil
 4/8/2019 10:02:07 AM



#12
 1,3-Dichlorobenzene
 Concen: 38.940 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion:	146	Resp:	170311
Ion	Ratio	Lower	Upper
146	100		
148	63.3	48.2	72.2
75	30.8	24.1	36.1





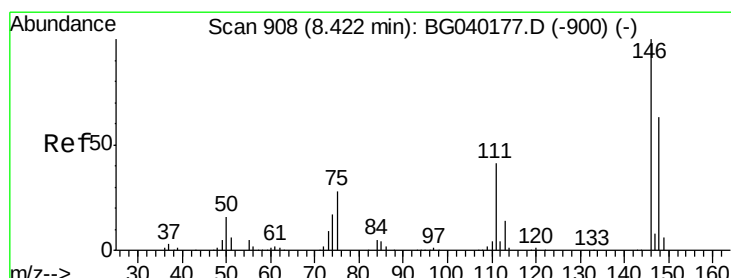
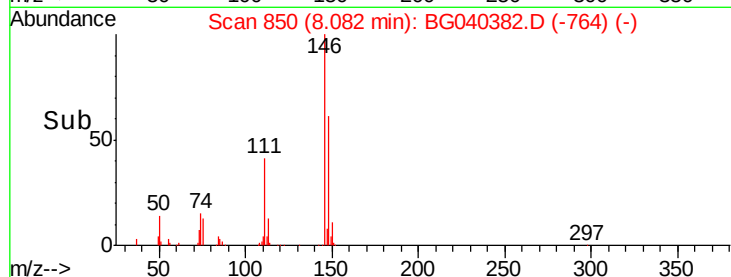
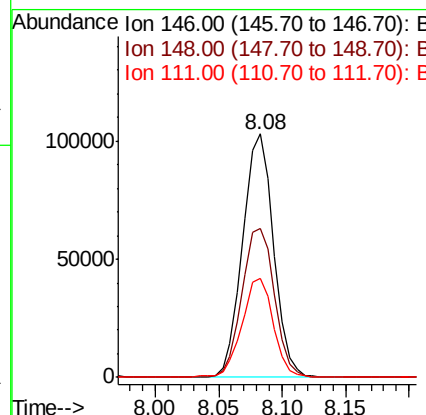
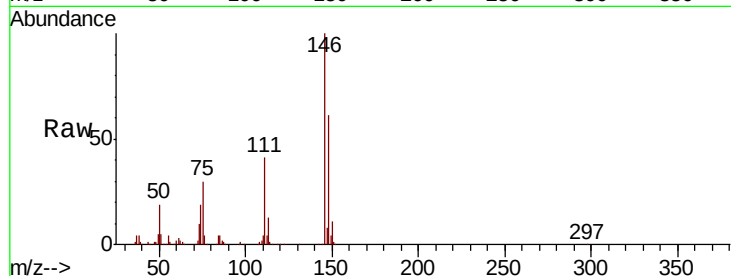
#13
 1,4-Dichlorobenzene
 Concen: 40.065 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.1	51.0	76.4
111	40.9	31.8	47.6

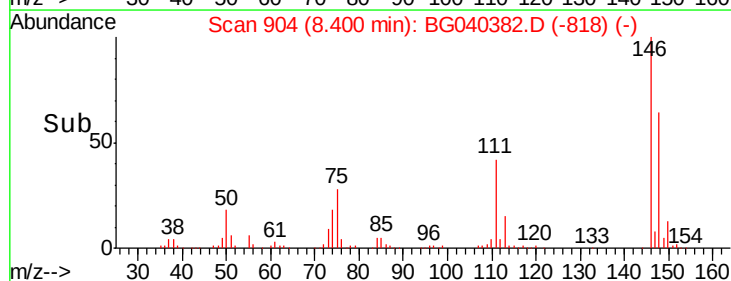
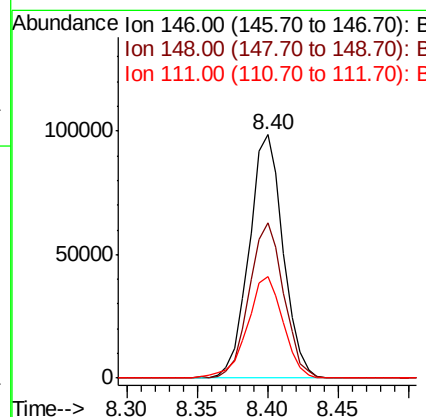
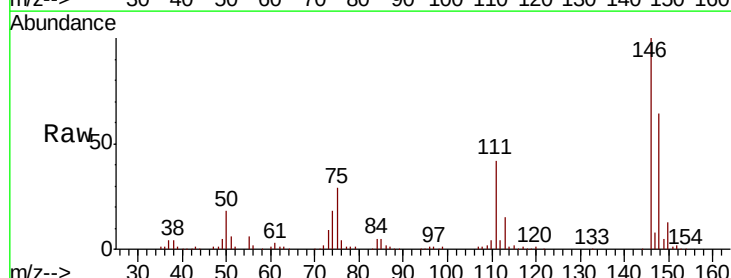
Manual Integrations
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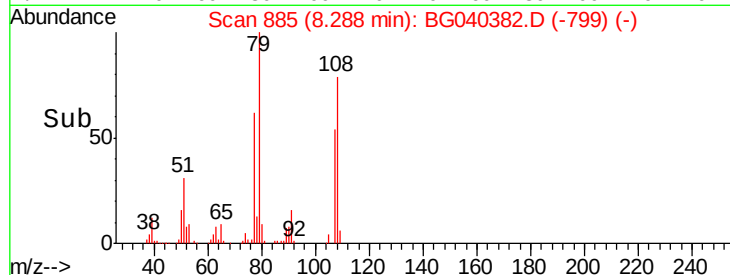
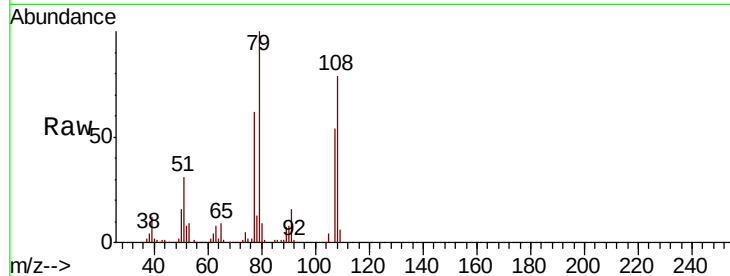
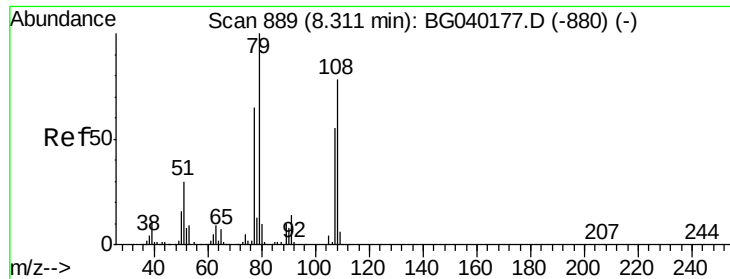
Sohil
 4/8/2019 10:02:07 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.922 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	41.7	33.4	50.0





#15

Benzyl Alcohol

Concen: 38.037 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Tot Ion:	79	Resp:	145510
Ion Ratio	Lower	Upper	
79	100		
108	79.1	62.1	93.1
77	61.9	51.9	77.9

Instrument :

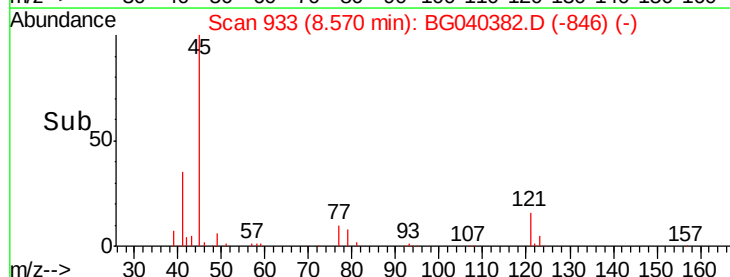
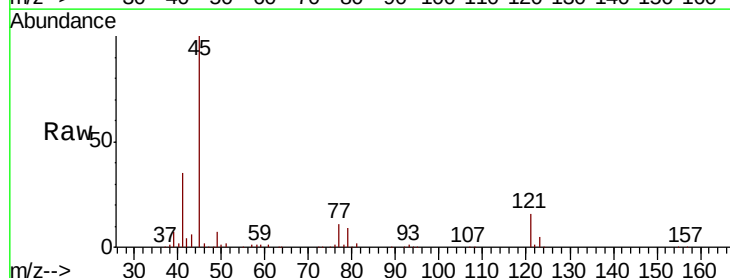
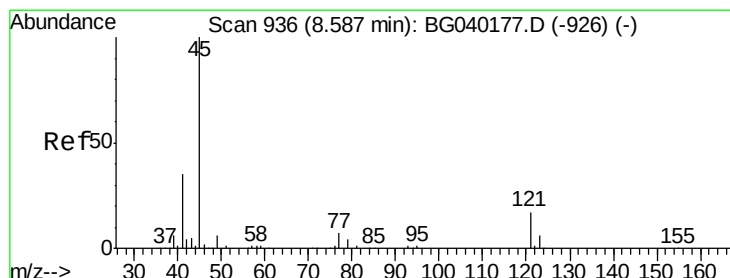
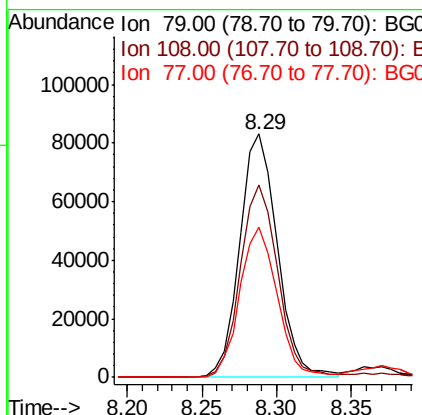
BNA_G

ClientSampled :

PB118644BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.384 ng

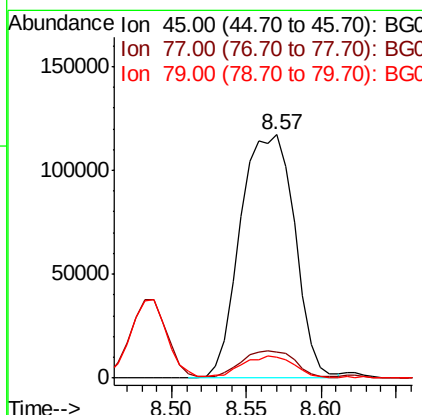
RT: 8.57 min Scan# 933

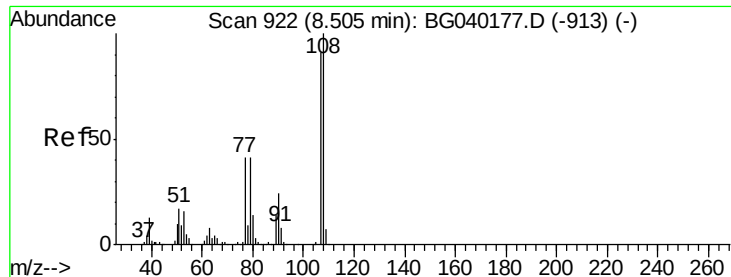
Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Tgt Ion:	45	Resp:	296281
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	31.4
79	8.6	0.0	28.3





#17

2-Methylphenol

Concen: 41.308 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

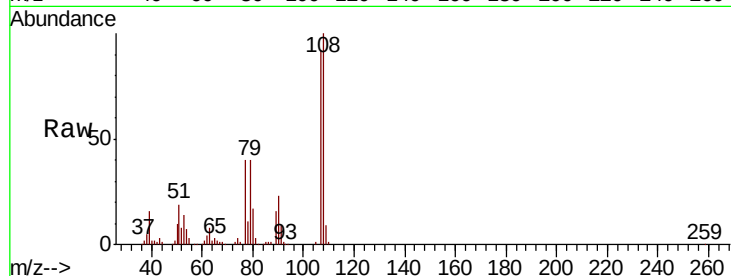
ClientSampleId :

PB118644BS

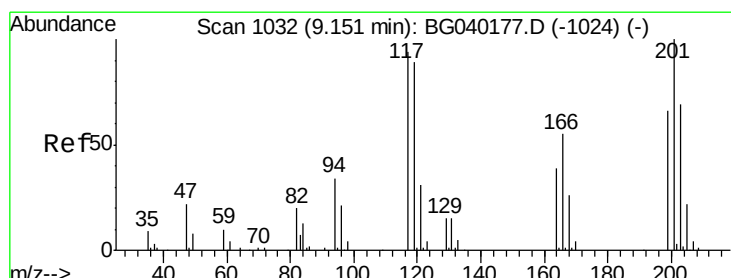
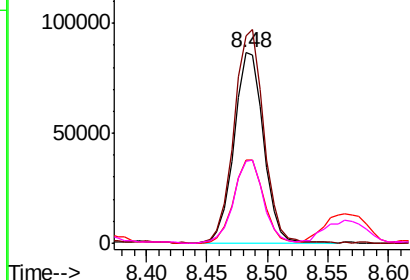
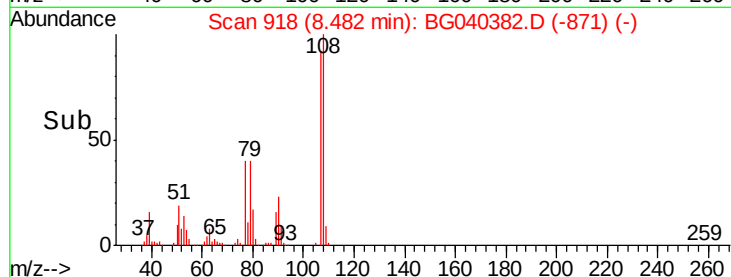
Tot Ion:	107	Resp:	147373
Ion Ratio	Lower	Upper	
107	100		
108	108.9	88.2	132.4
77	43.9	36.6	55.0
79	43.1	36.5	54.7

Manual Integrations
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Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.399 ng

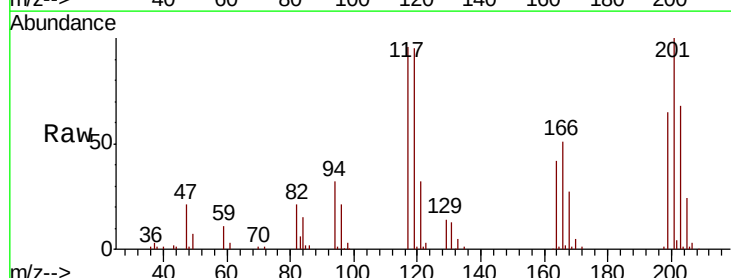
RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

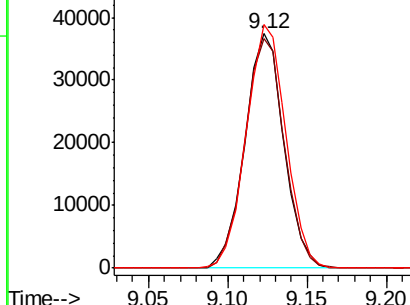
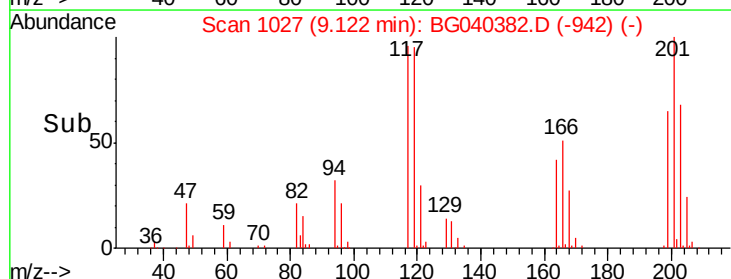
Lab File: BG040382.D

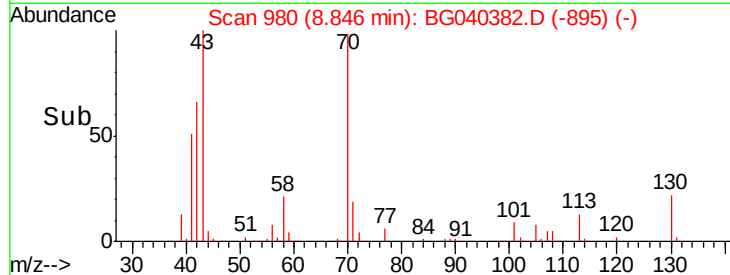
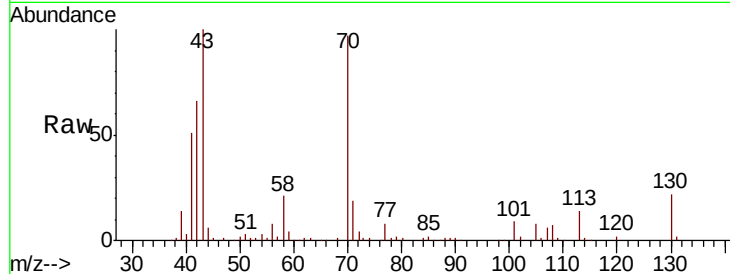
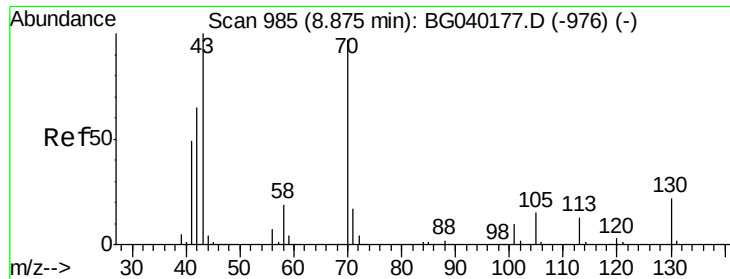
Acq: 5 Apr 2019 18:25

Tgt Ion:	117	Resp:	63626
Ion Ratio	Lower	Upper	
117	100		
119	98.3	76.6	115.0
201	104.0	85.0	127.4



Abundance Ion 117.00 (116.70 to 117.70): E
50000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





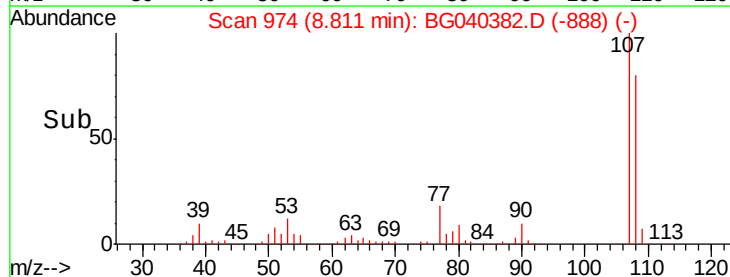
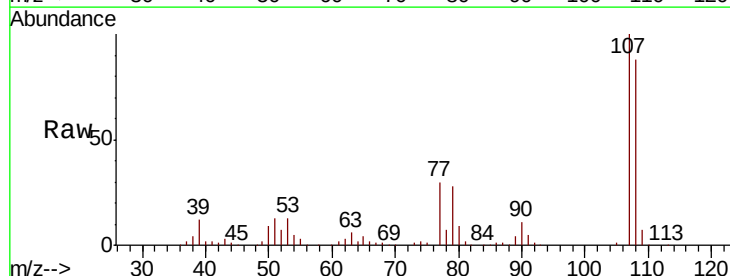
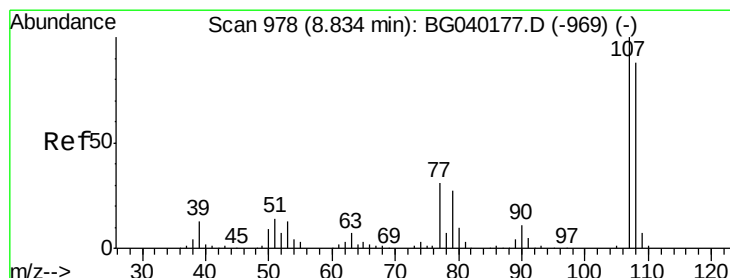
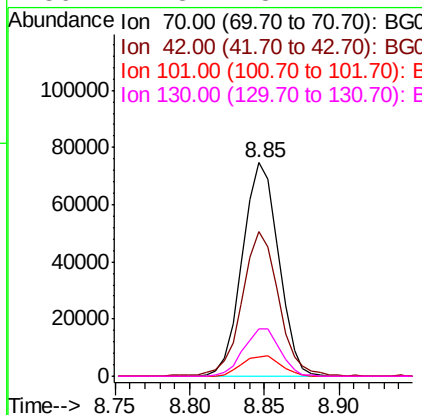
#19
n-Nitroso-di-n-propylamine
Concen: 36.887 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.5	54.0	81.0	
101	9.2	8.6	13.0	
130	22.3	18.2	27.2	

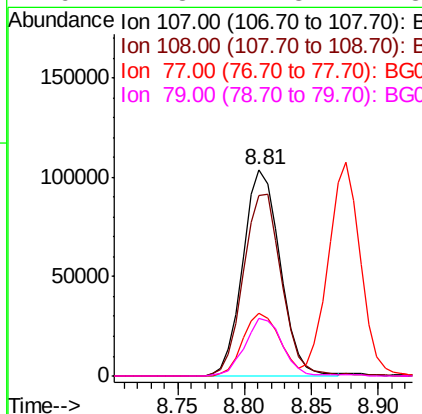
Manual Integrations
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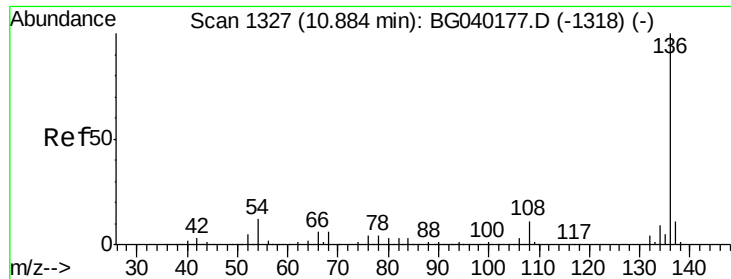
Sohil
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#20
3+4-Methylphenols
Concen: 41.439 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	68.3	108.3	
77	30.3	11.3	51.3	
79	27.8	7.3	47.3	





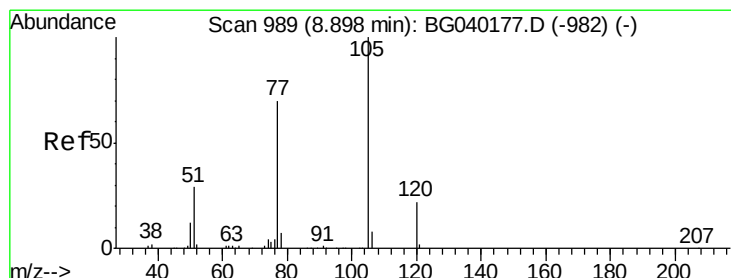
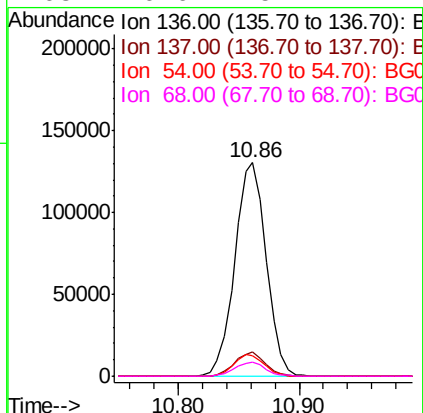
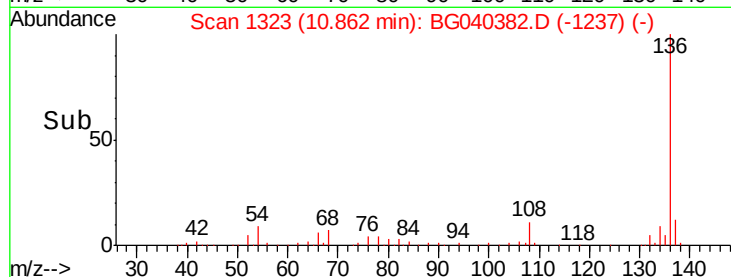
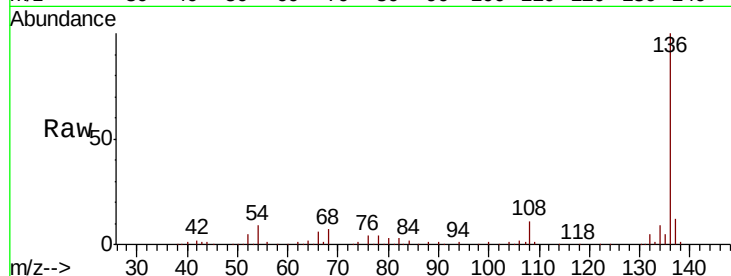
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	8.9	13.3	
54	9.4	9.6	14.4	
68	6.6	5.1	7.7	

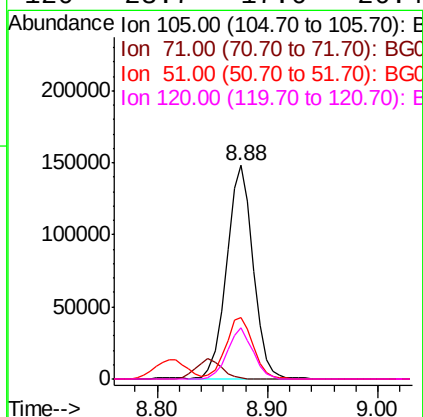
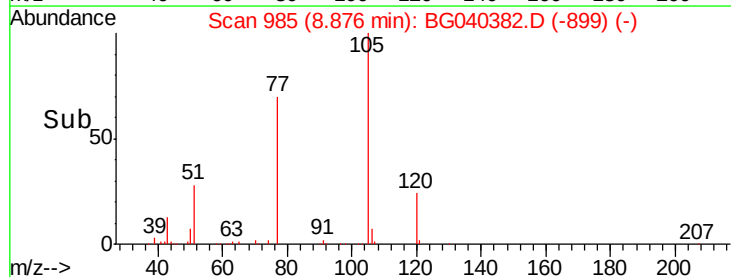
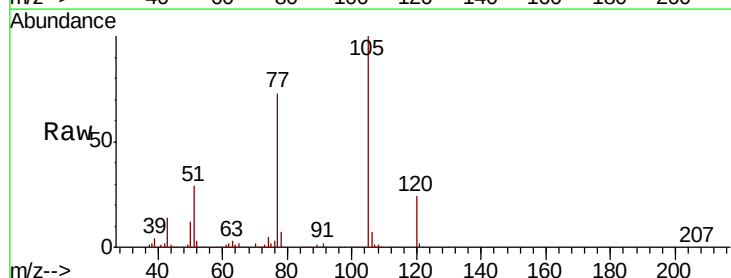
Manual Integrations
APPROVED

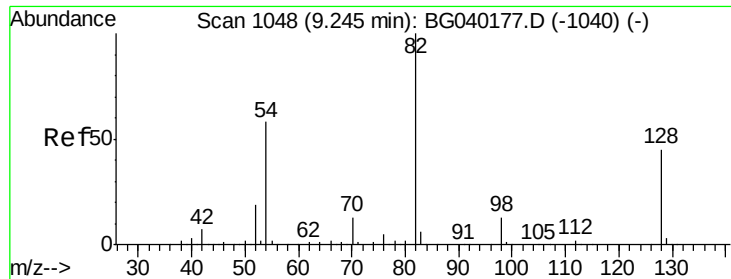
Sohil
4/8/2019 10:02:07 AM



#22
Acetophenone
Concen: 42.307 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	0.6	1.0	
51	28.9	25.1	37.7	
120	23.7	17.6	26.4	





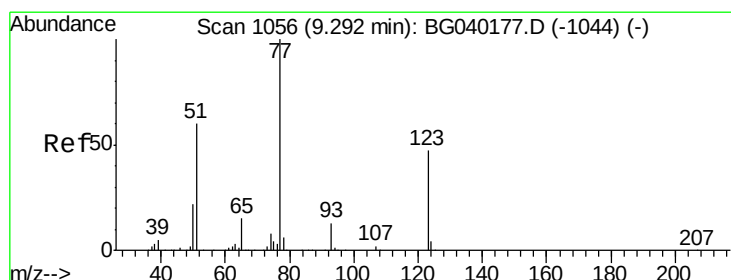
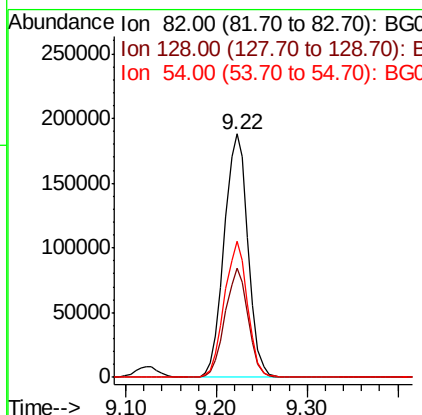
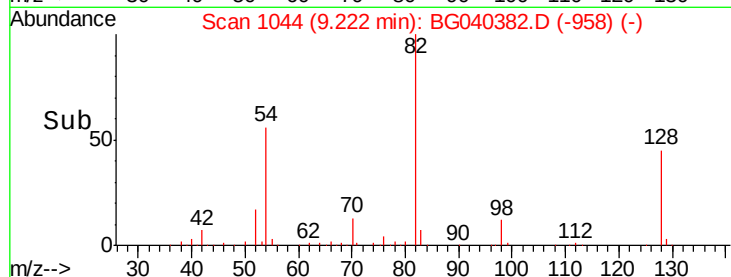
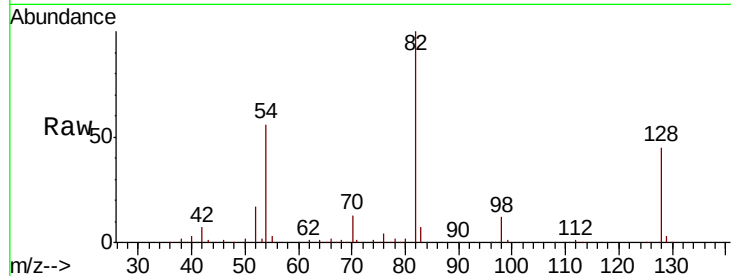
#23
Nitrobenzene-d5
Concen: 77.377 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampled :
PB118644BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	342639		
128	44.7	35.8	53.8	
54	56.0	46.2	69.2	

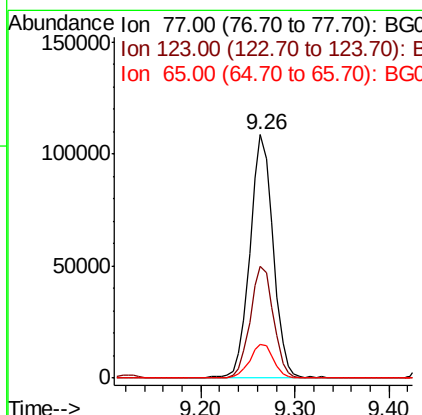
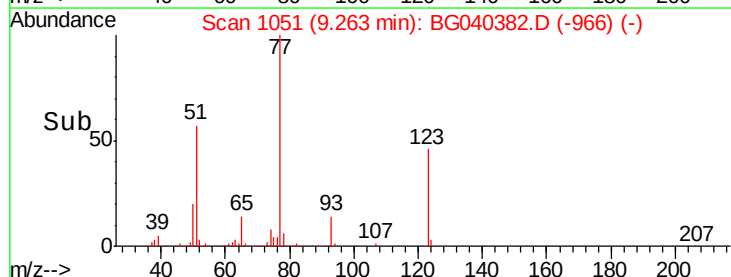
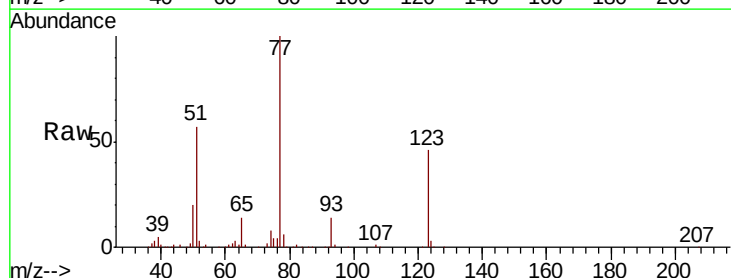
Manual Integrations
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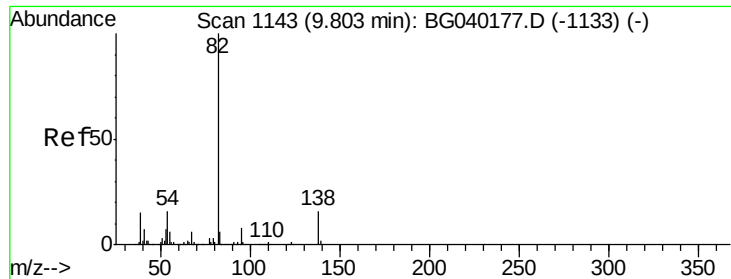
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#24
Nitrobenzene
Concen: 40.653 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	186414		
123	45.8	37.8	56.6	
65	13.9	12.0	18.0	





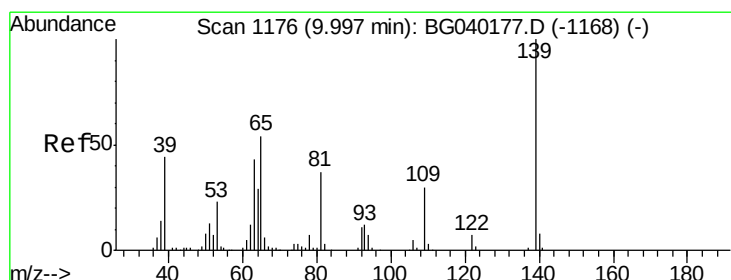
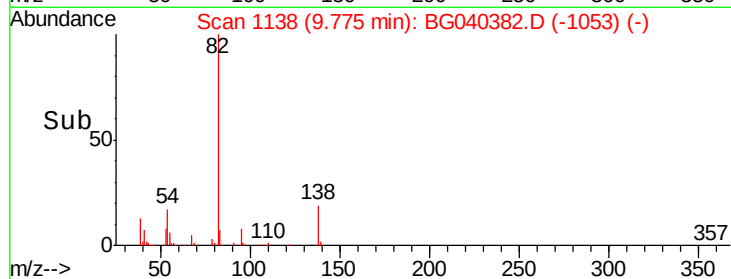
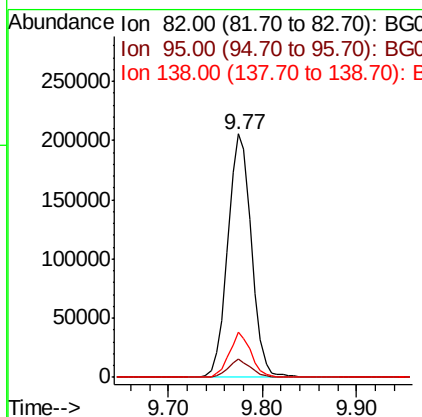
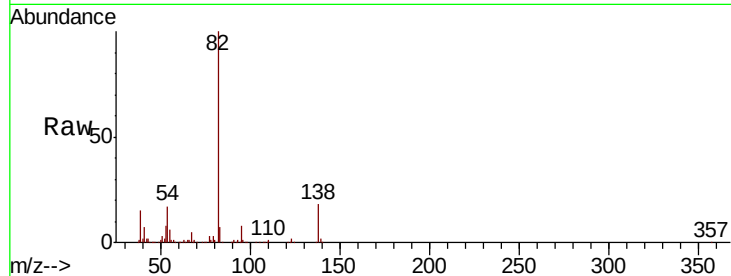
#25
Isophorone
Concen: 39.262 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampled :
PB118644BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.7	6.1	9.1	
138	18.4	13.2	19.8	

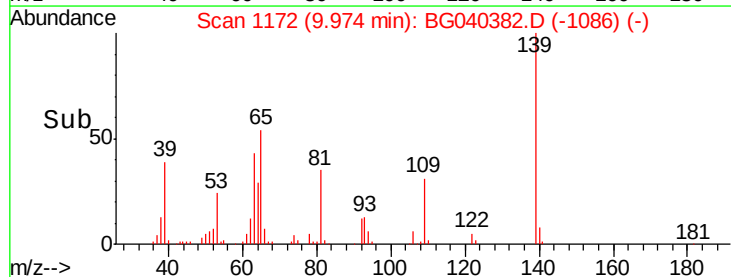
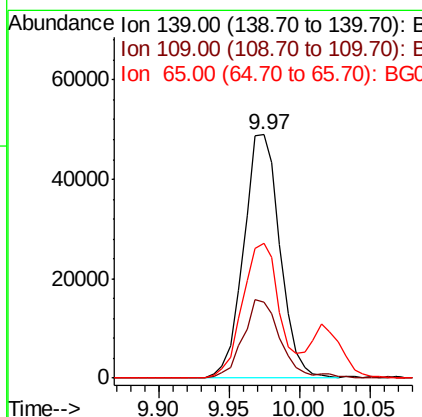
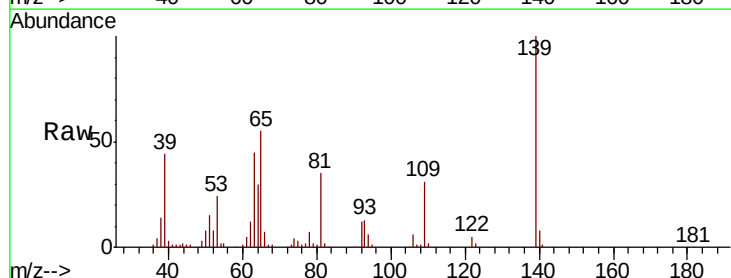
Manual Integrations
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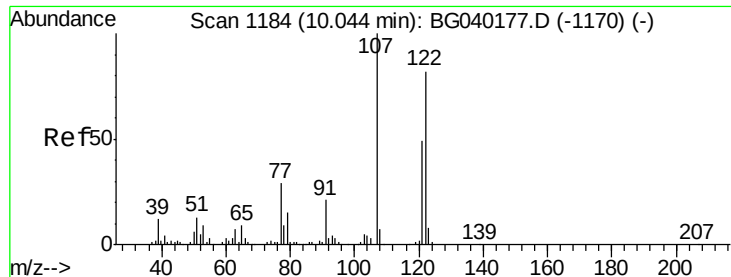
Sohil
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#26
2-Nitrophenol
Concen: 40.682 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.4	24.1	36.1	
65	55.2	43.0	64.6	





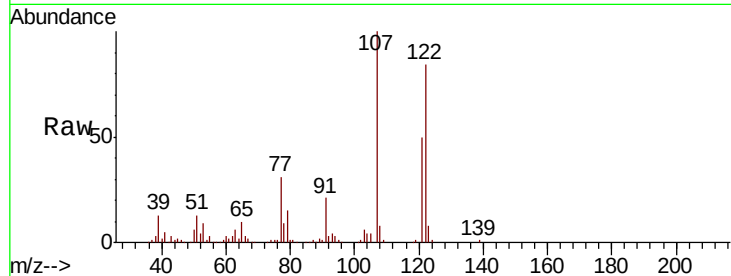
#27
2,4-Dimethylphenol
Concen: 47.840 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampled :
PB118644BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	165112		
107	118.4	97.4	146.2	
121	58.8	47.7	71.5	

Manual Integrations
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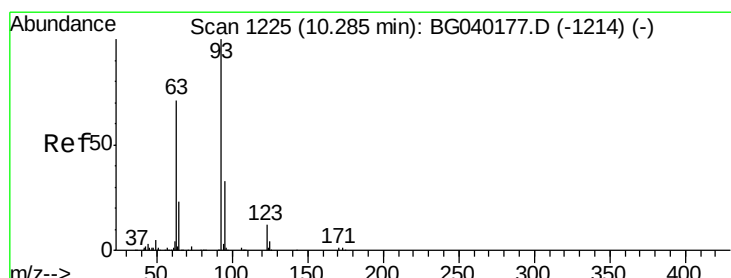
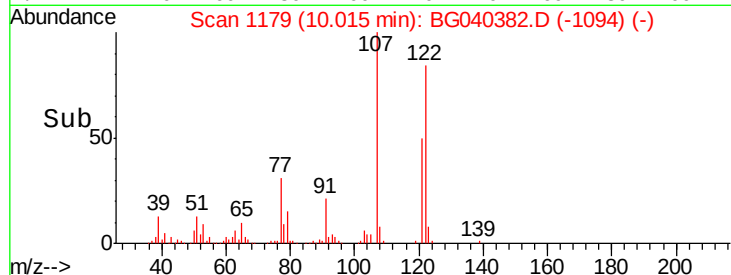
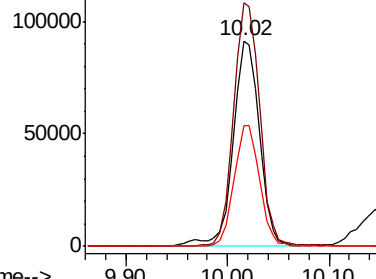


Abundance

Ion 122.00 (121.70 to 122.70): E

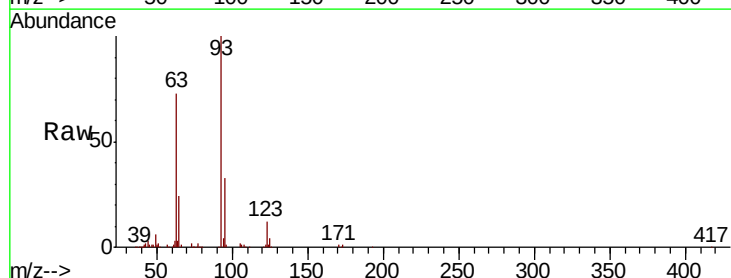
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.236 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	222285		
95	33.4	26.2	39.4	
123	12.5	9.4	14.0	

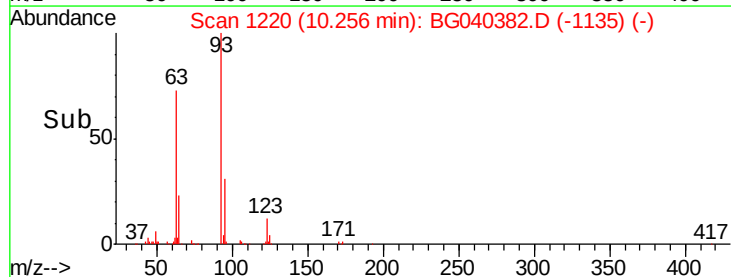
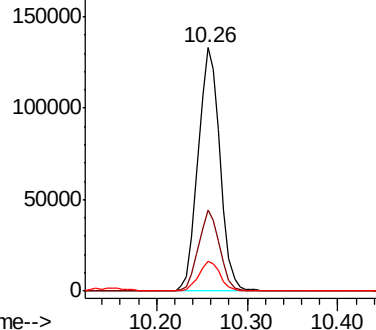


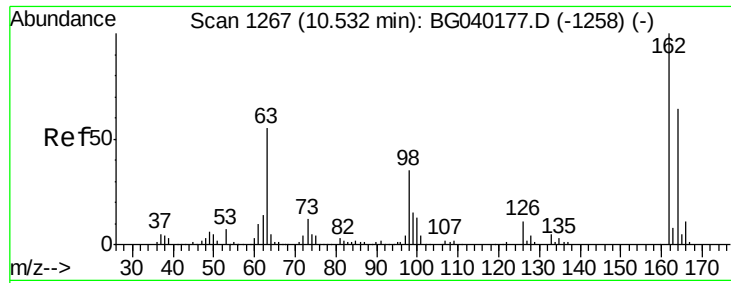
Abundance

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





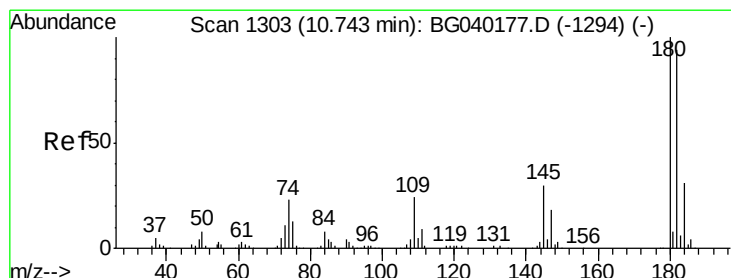
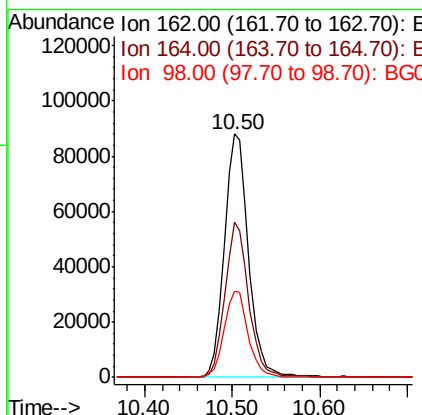
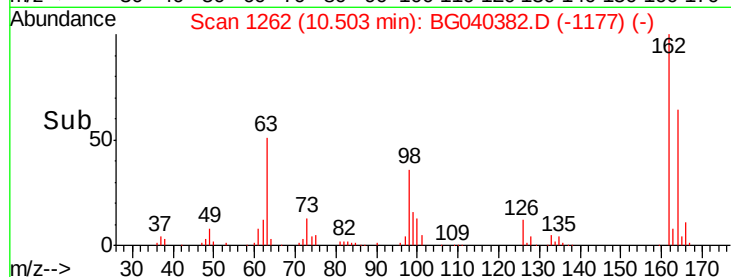
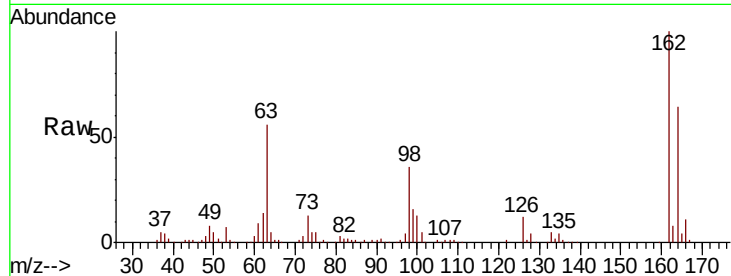
#29
2,4-Dichlorophenol
Concen: 44.450 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.6	43.9	83.9
98	35.6	15.6	55.6

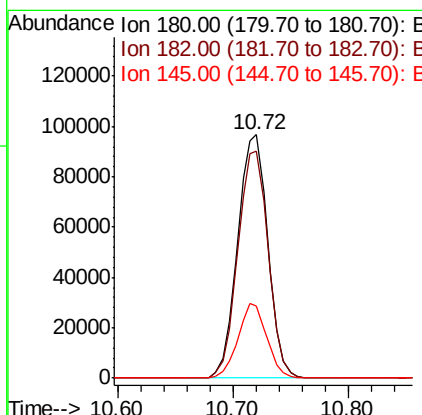
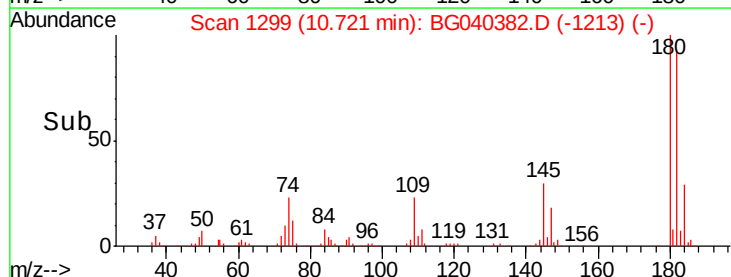
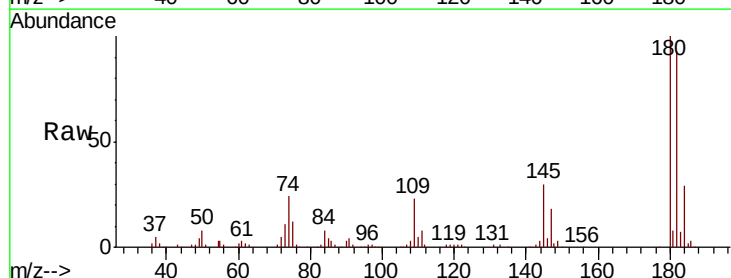
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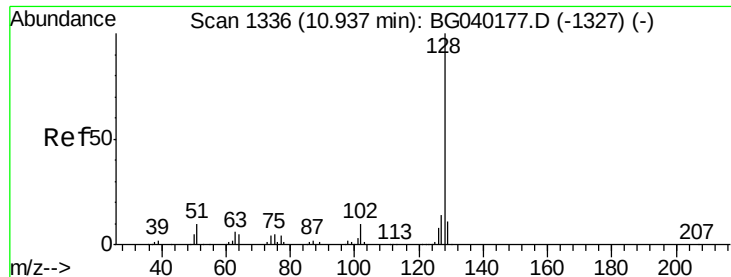
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#30
1,2,4-Trichlorobenzene
Concen: 42.427 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.4	75.1	112.7
145	29.7	24.1	36.1





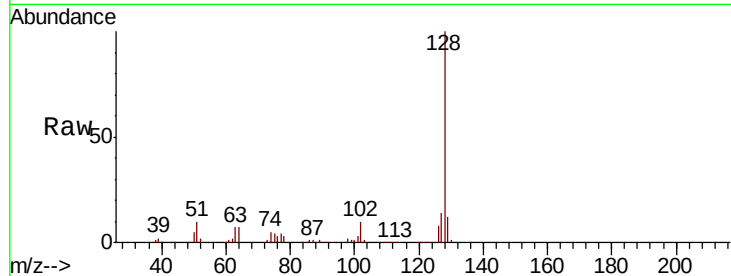
#31
Naphthalene
Concen: 41.997 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	8.9	13.3	
127	13.6	11.4	17.0	

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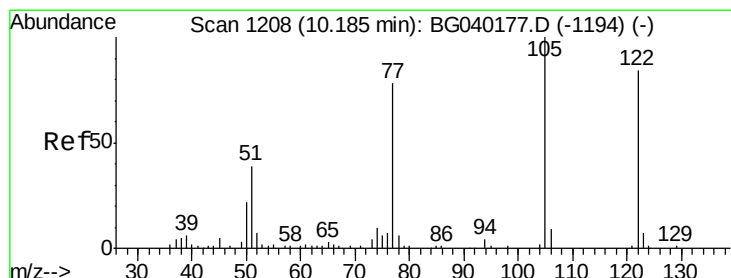
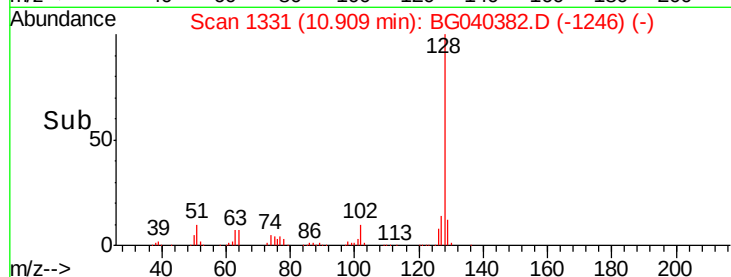
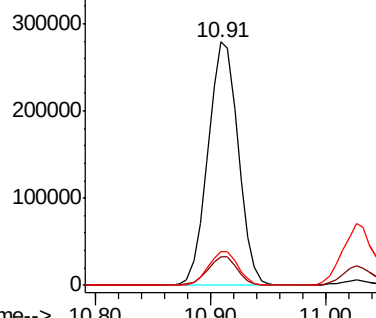


Abundance

Ion 128.00 (127.70 to 128.70): E

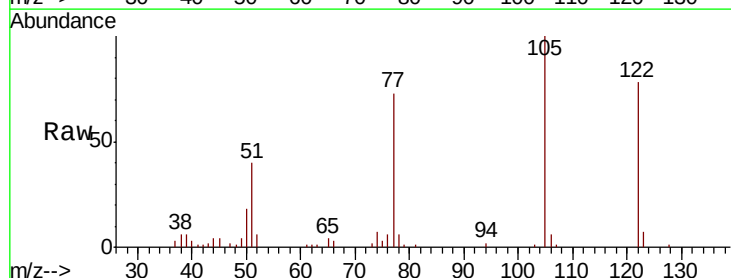
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 27.090 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	128.1	98.2	138.2	
77	93.2	73.6	113.6	

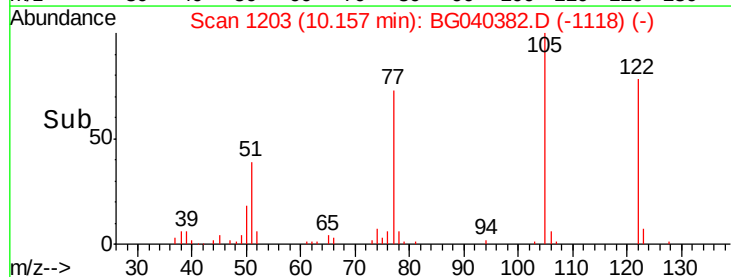
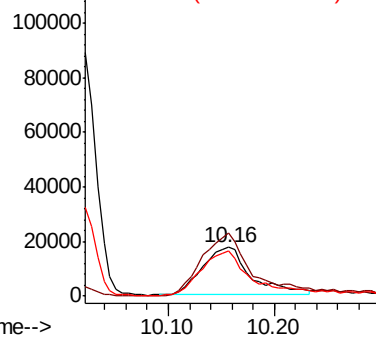


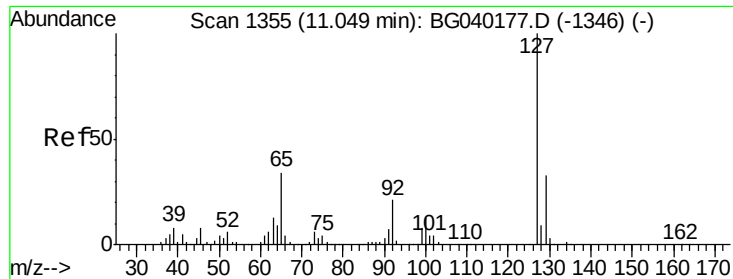
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





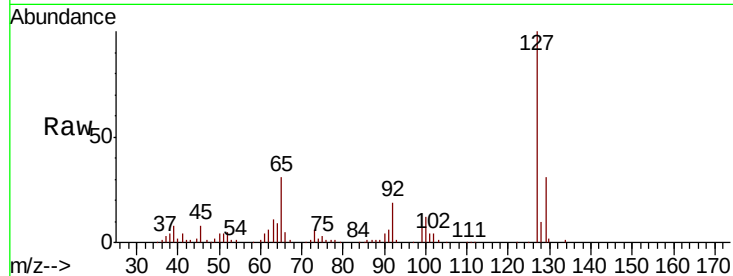
#33
4-Chloroaniline
Concen: 26.983 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	26.6	40.0		
65	30.9	27.0	40.4		
92	19.3	16.6	25.0		

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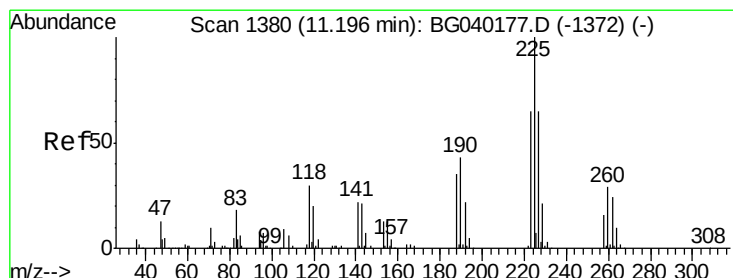
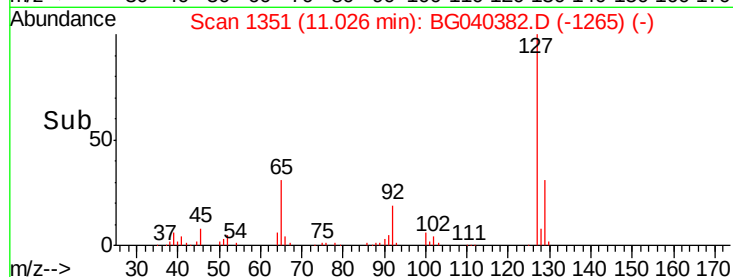
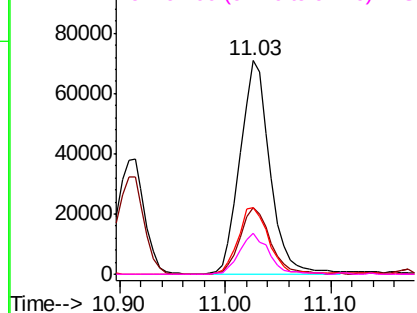
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

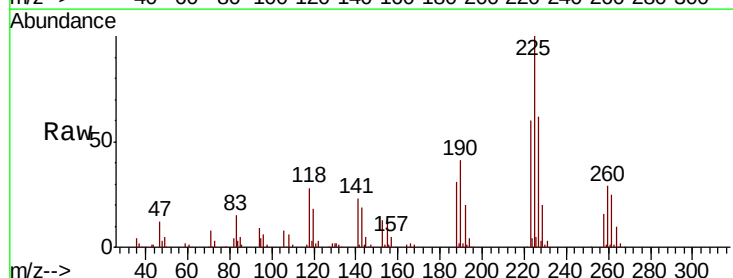
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.416 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.2	51.8	77.8		
227	64.7	54.9	82.3		

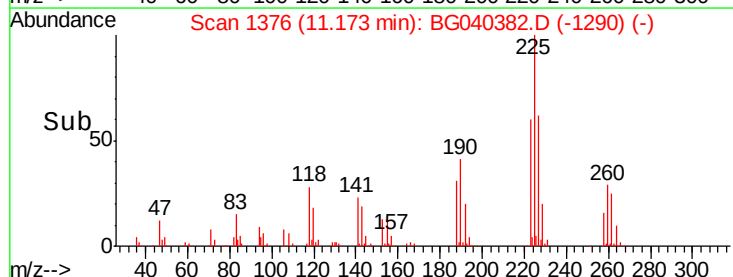
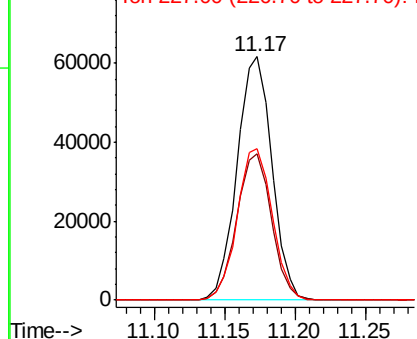


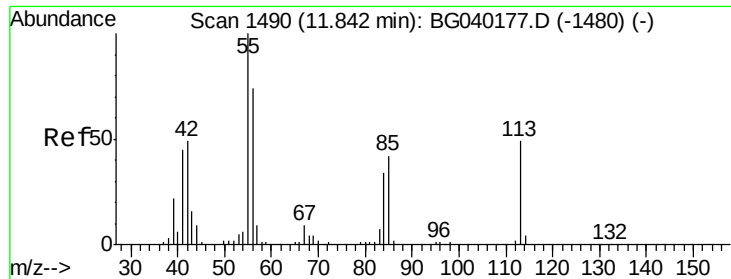
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.929 ng/mL

RT: 11.81 min Scan# 1484

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampled :

PB118644BS

Tot Ion:113 Resp: 56387

Ion Ratio Lower Upper

113 100

55 218.4 184.2 224.2

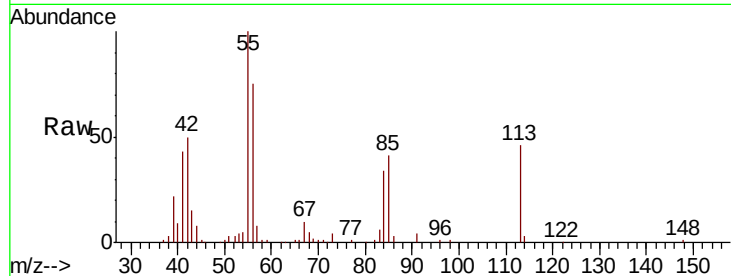
56 164.0 131.3 171.3

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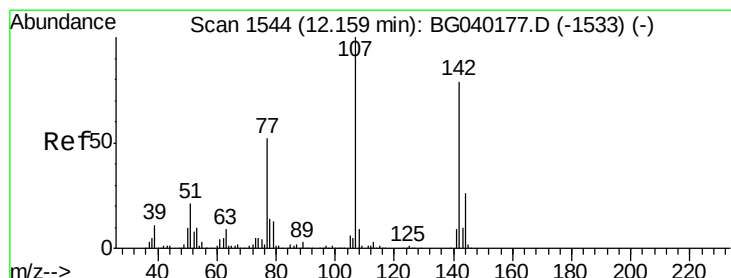
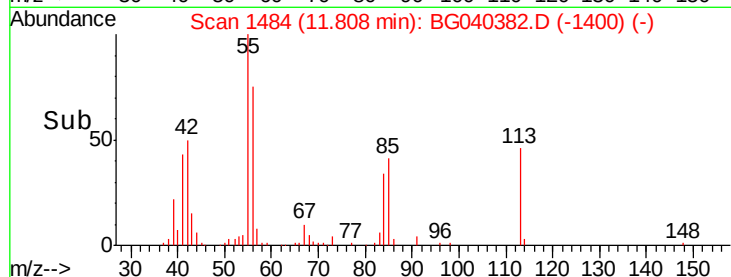
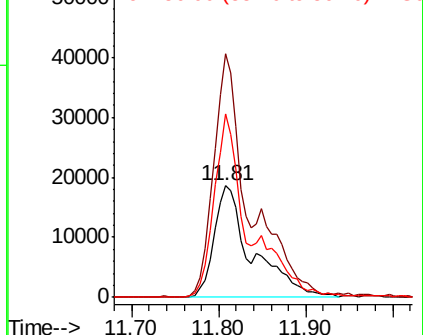


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): B

Ion 56.00 (55.70 to 56.70): B



#36

4-Chloro-3-methylphenol

Concen: 42.077 ng/mL

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

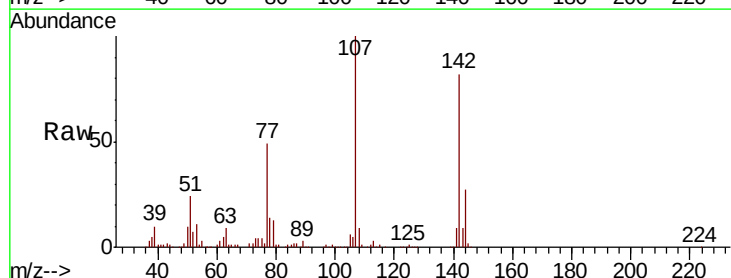
Tgt Ion:107 Resp: 181214

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

142 81.7 63.1 94.7

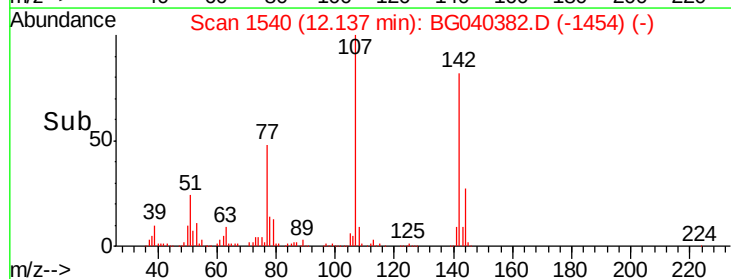
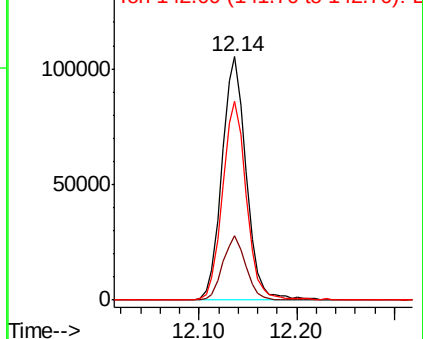


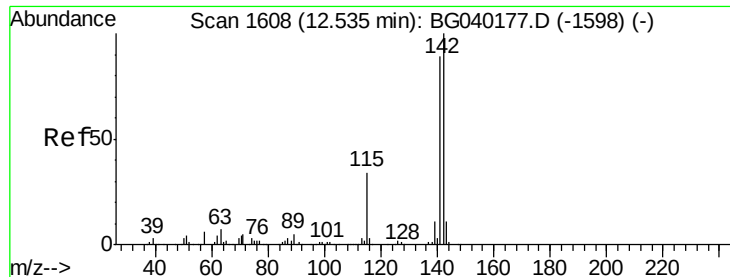
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





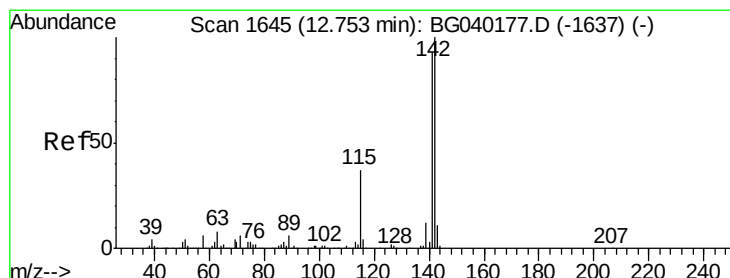
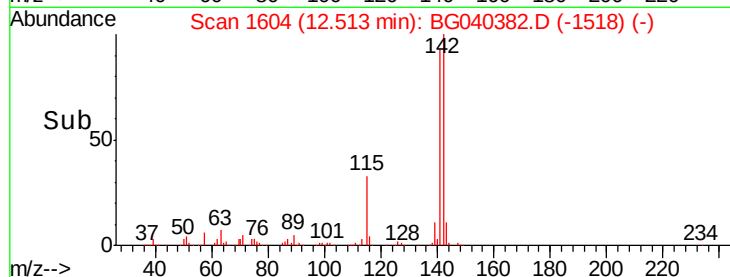
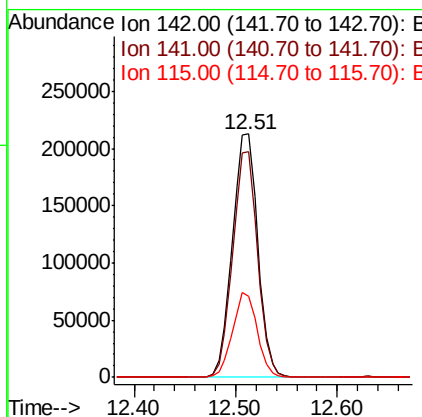
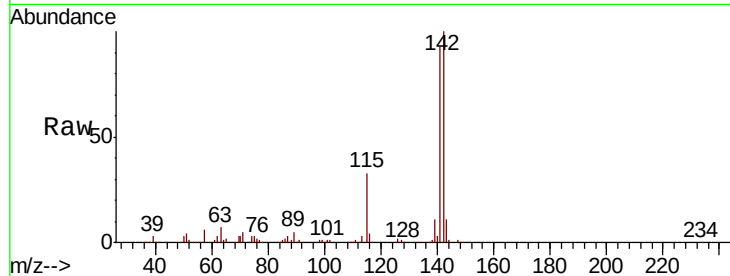
#37
2-Methylnaphthalene
Concen: 41.706 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion:	142	Resp:	372132
Ion Ratio	Lower	Upper	
142	100		
141	92.8	71.0	106.6
115	33.2	27.3	40.9

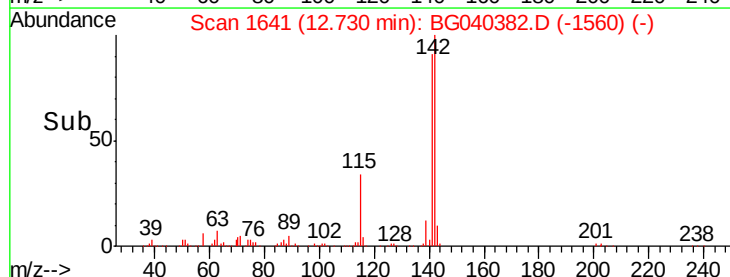
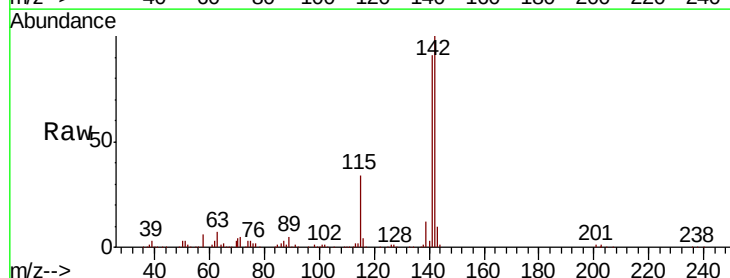
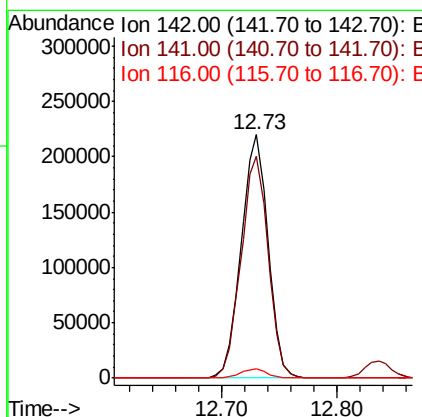
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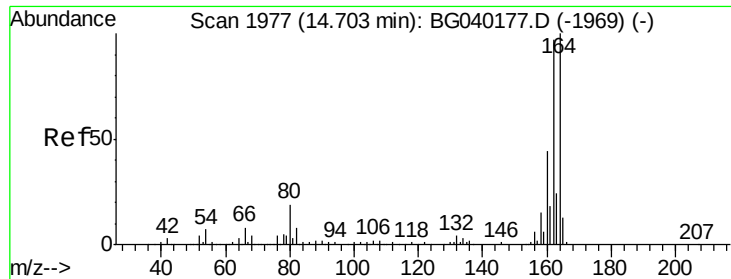
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#38
1-Methylnaphthalene
Concen: 40.841 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion:	142	Resp:	353373
Ion Ratio	Lower	Upper	
142	100		
141	91.0	74.2	111.4
116	3.6	3.0	4.4





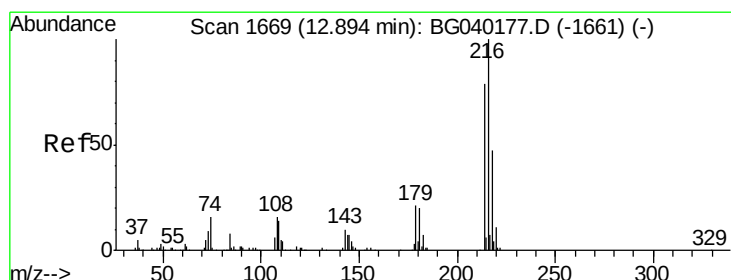
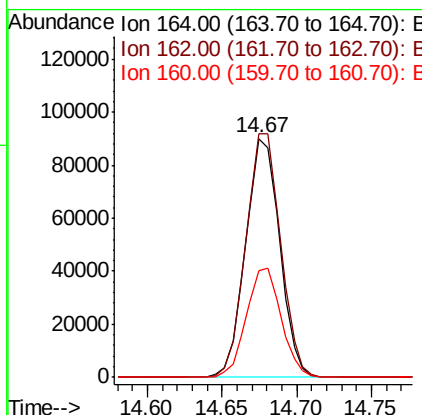
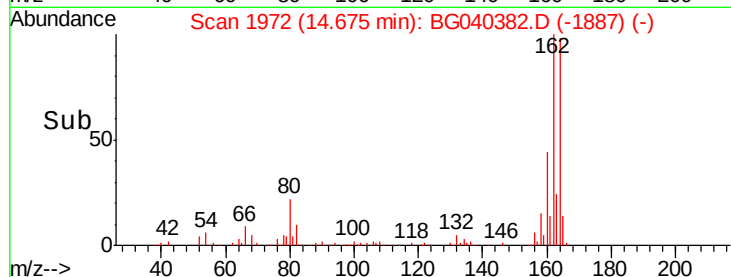
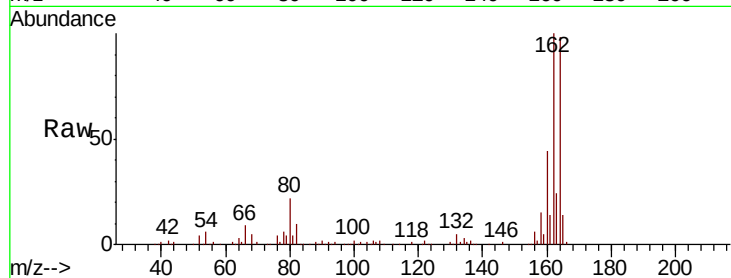
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	77.4	116.2
160	44.5	35.3	52.9

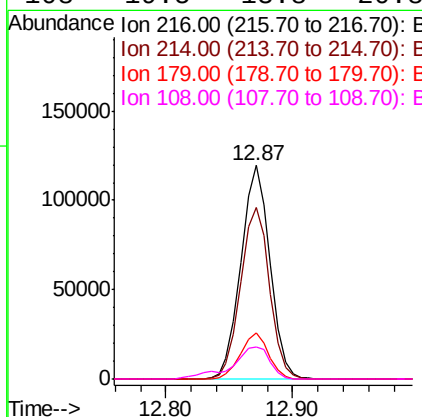
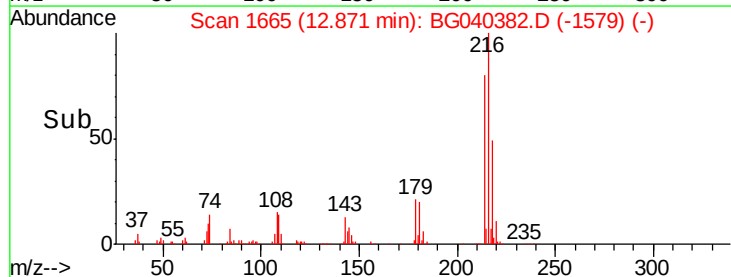
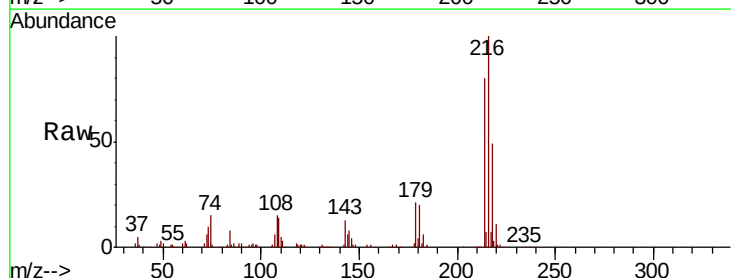
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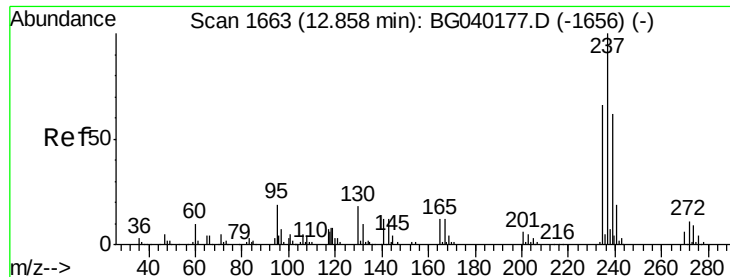
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.028 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.5	95.3
179	20.9	16.6	25.0
108	19.5	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 88.002 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

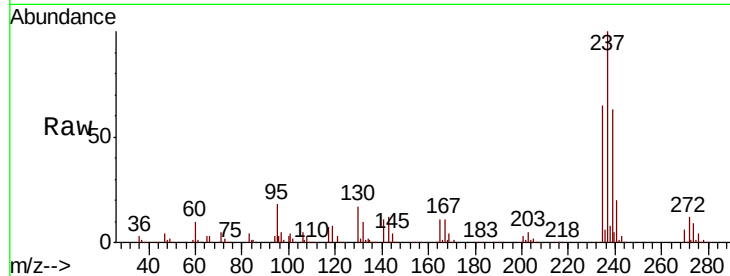
ClientSampleId :

PB118644BS

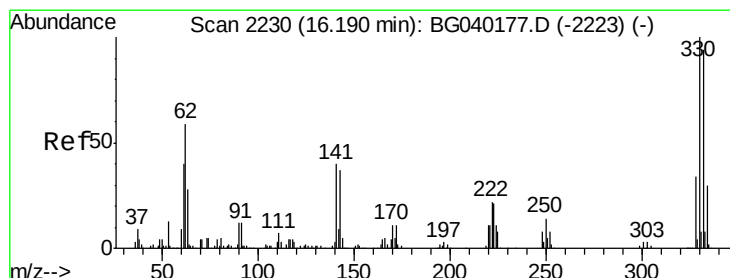
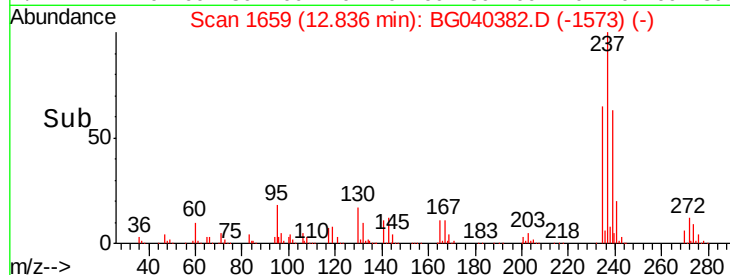
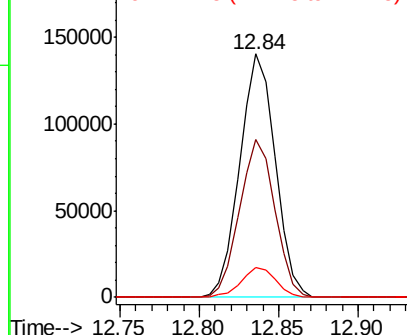
Tot Ion:	237	Resp:	217893
Ion Ratio	Lower	Upper	
237	100		
235	65.0	46.2	86.2
272	12.2	0.0	30.5

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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: 141.331 ng

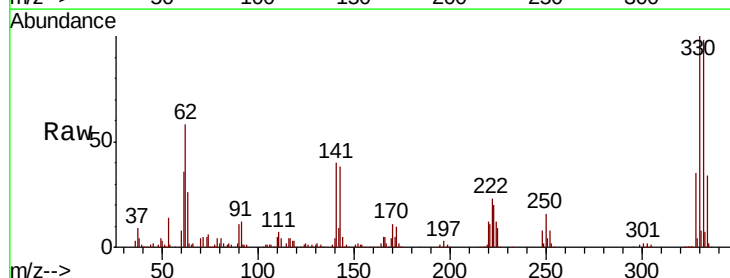
RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

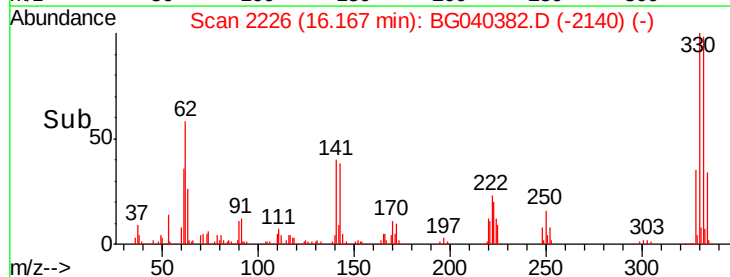
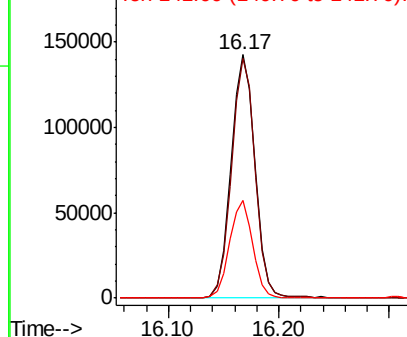
Lab File: BG040382.D

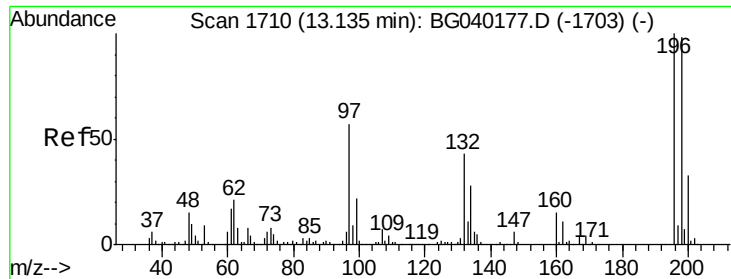
Acq: 5 Apr 2019 18:25

Tgt Ion:	330	Resp:	216709
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.6	115.0
141	39.0	32.6	48.8



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





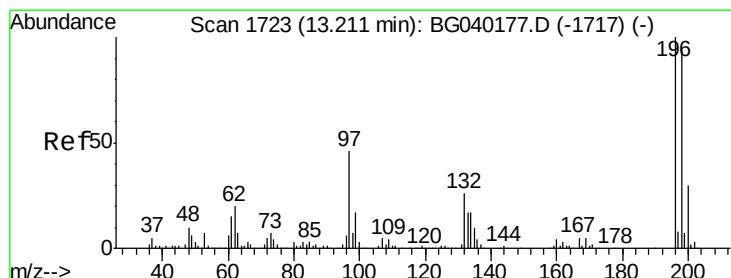
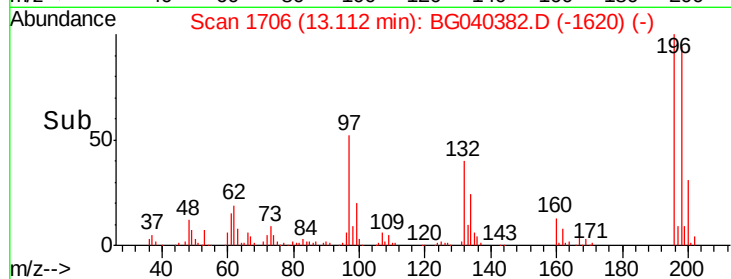
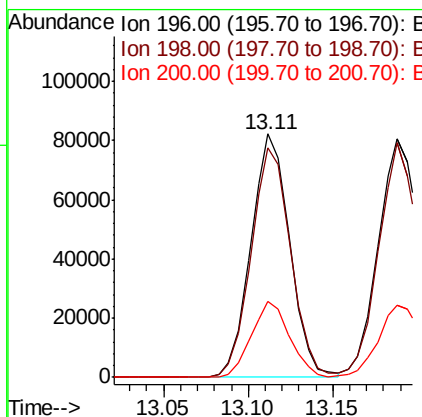
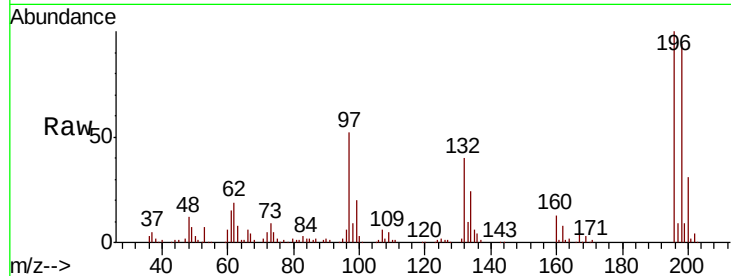
#43
 2,4,6-Trichlorophenol
 Concen: 44.975 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Instrument :
 BNA_G
 ClientSampled :
 PB118644BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130758		
198	94.1	78.3	117.5	
200	31.3	26.0	39.0	

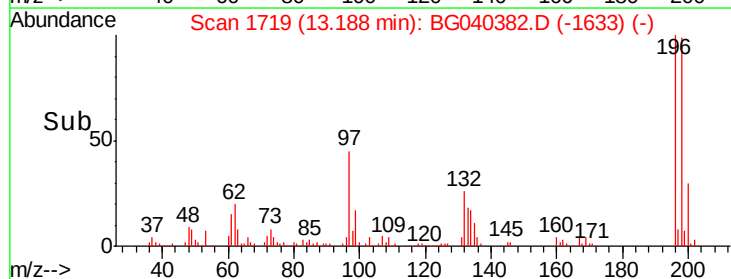
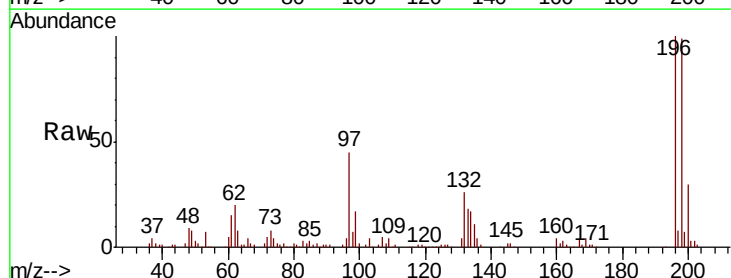
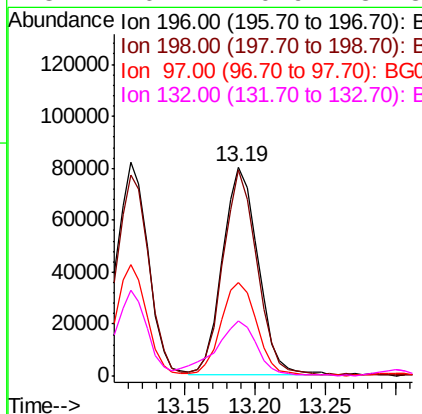
Manual Integrations
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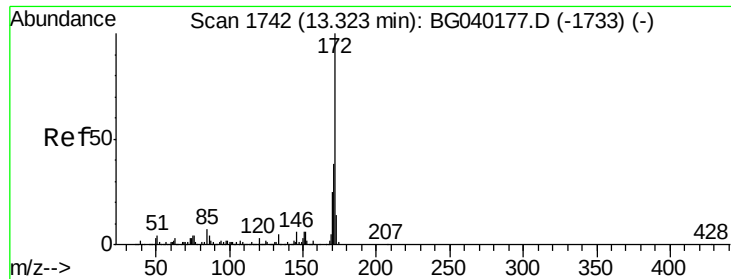
Sohil
 4/8/2019 10:02:07 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.206 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140088		
198	98.6	75.0	112.6	
97	44.7	37.3	55.9	
132	26.4	20.9	31.3	





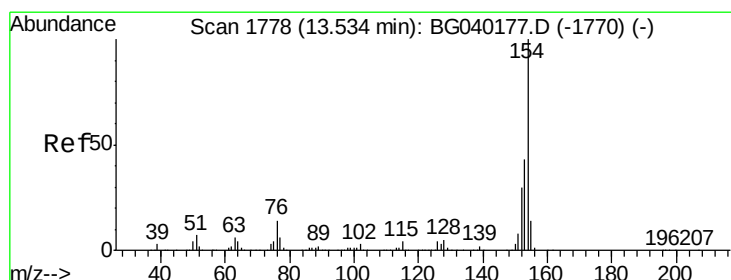
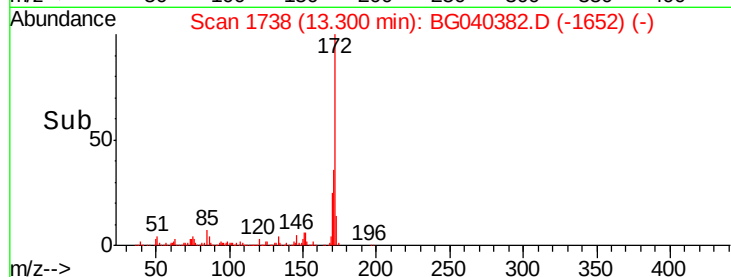
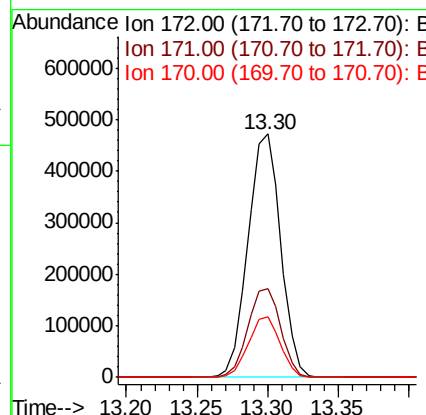
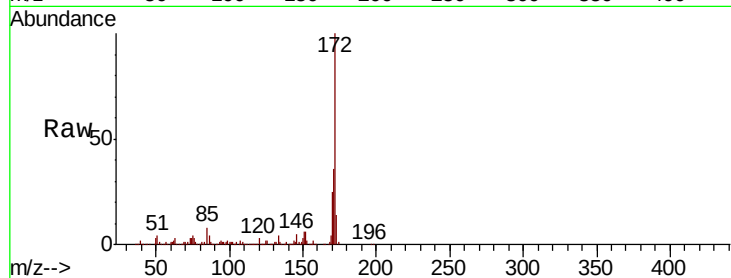
#45
2-Fluorobiphenyl
Concen: 79.972 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	25.0	20.1	30.1

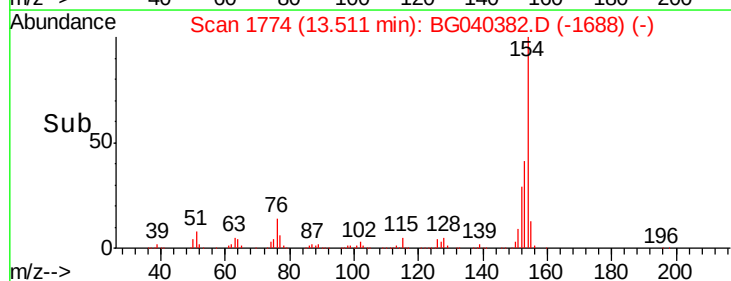
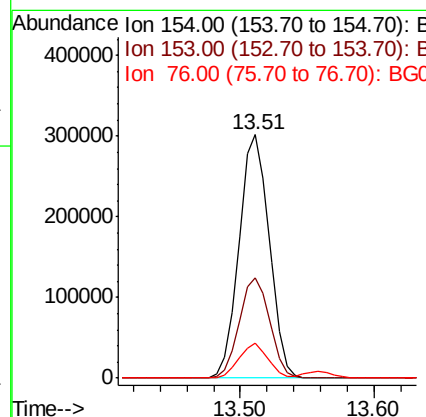
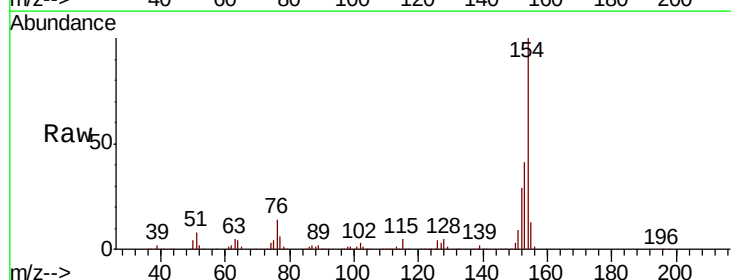
Manual Integrations
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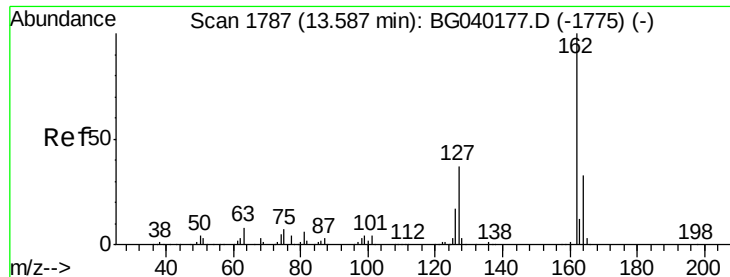
Sohil
4/8/2019 10:02:07 AM



#46
1,1'-Biphenyl
Concen: 42.125 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.5	62.5
76	14.4	0.0	33.7





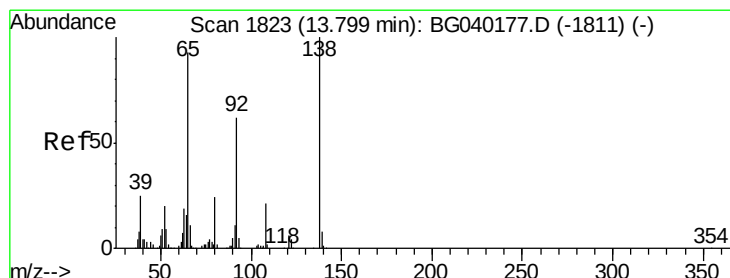
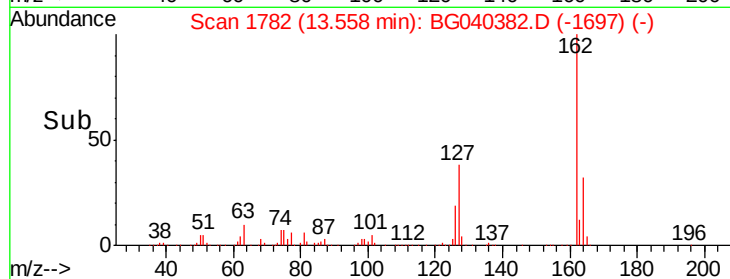
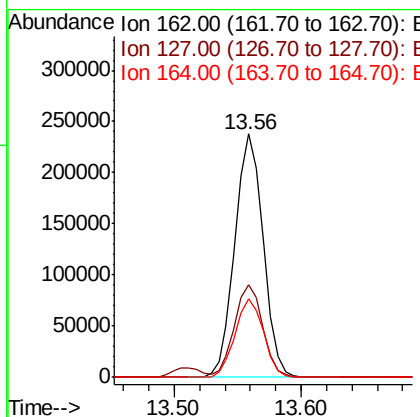
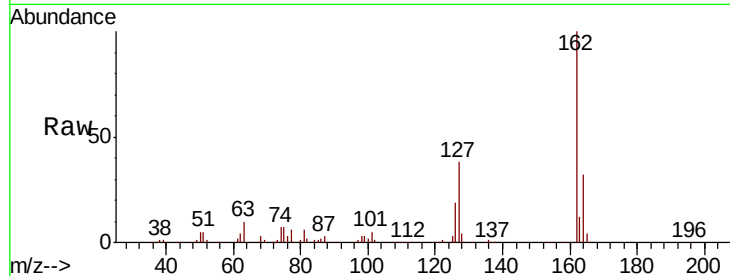
#47
2-Chloronaphthalene
Concen: 42.680 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.6	45.8
164	32.3	26.2	39.4

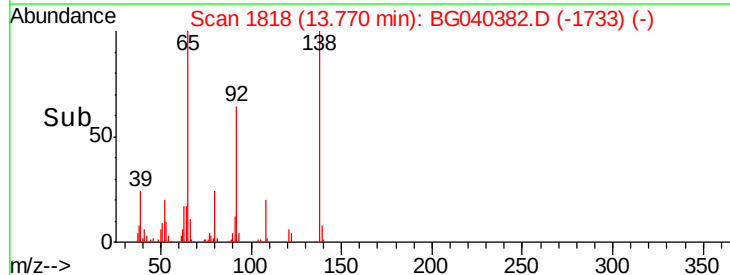
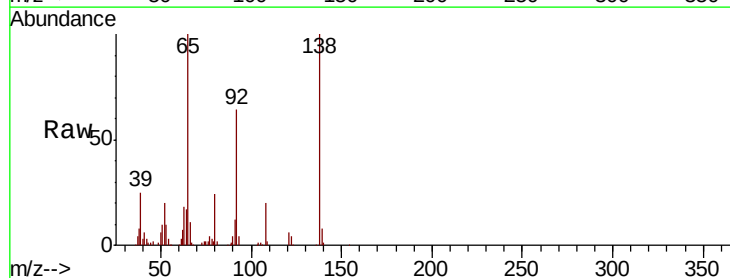
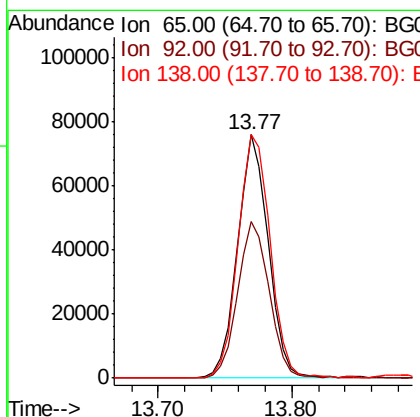
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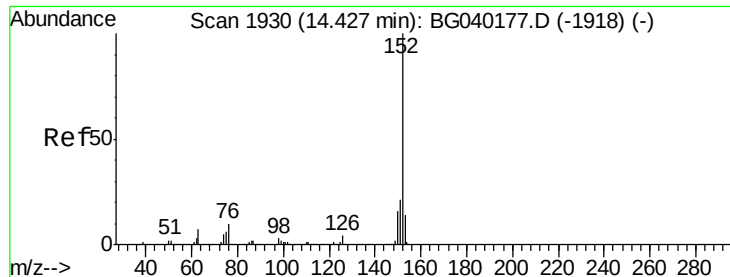
Sohil
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#48
2-Nitroaniline
Concen: 41.612 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.8	80.6
138	100.2	86.3	129.5





#49

Acenaphthylene

Concen: 41.282 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

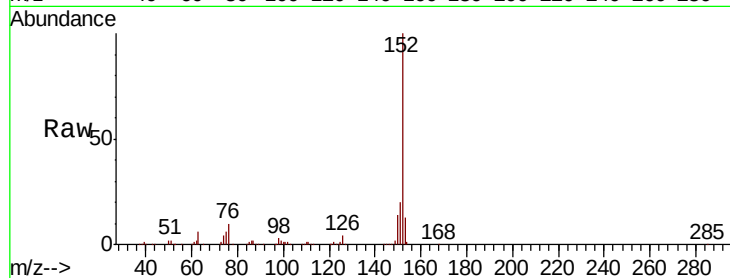
ClientSampleId :

PB118644BS

Tot Ion:	152	Resp:	601874
Ion Ratio		Lower	Upper
152	100		
151	20.1	17.0	25.6
153	12.8	10.8	16.2

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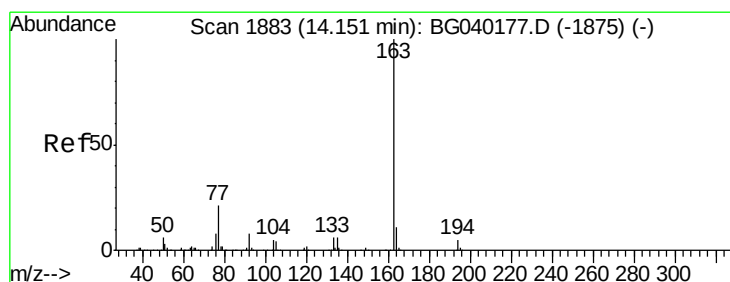
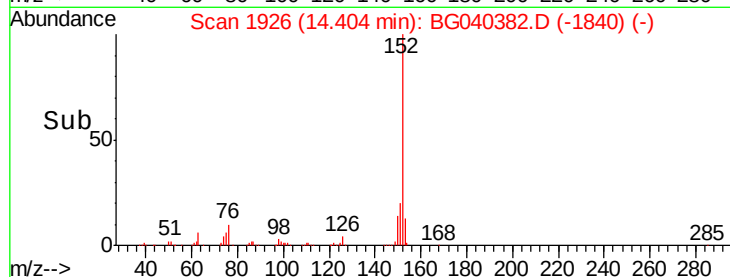
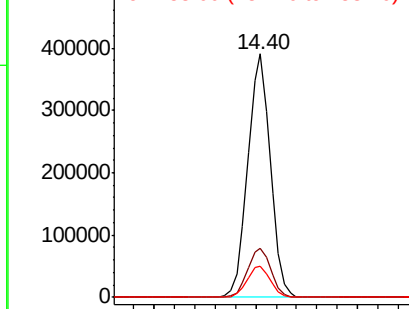


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.961 ng

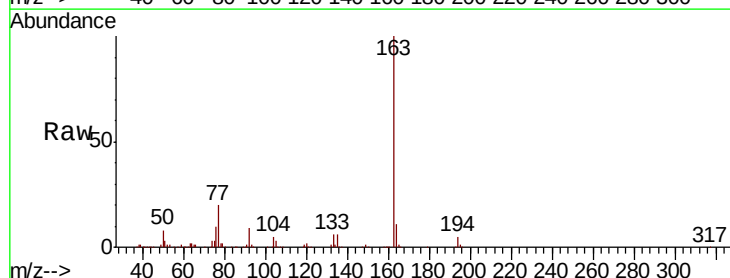
RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Tgt Ion:	163	Resp:	465934
Ion Ratio		Lower	Upper
163	100		
194	4.7	4.1	6.1
164	10.6	8.6	13.0

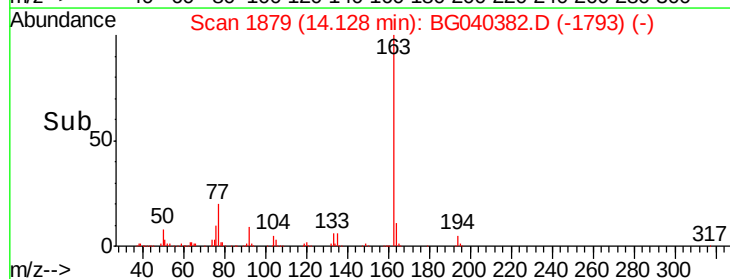
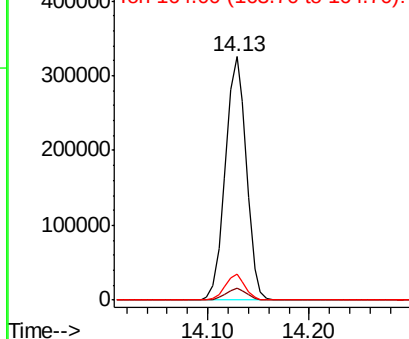


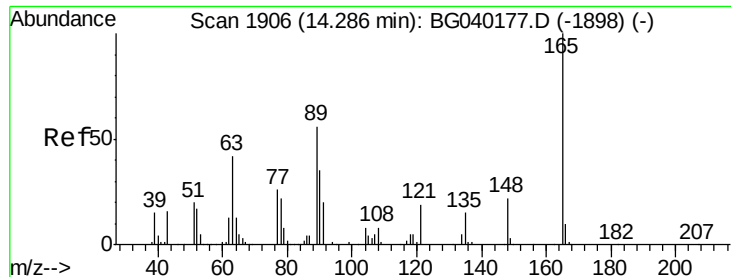
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





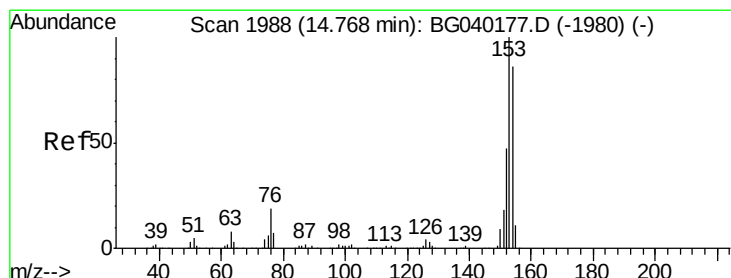
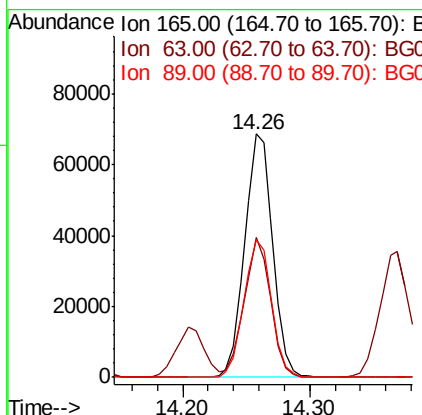
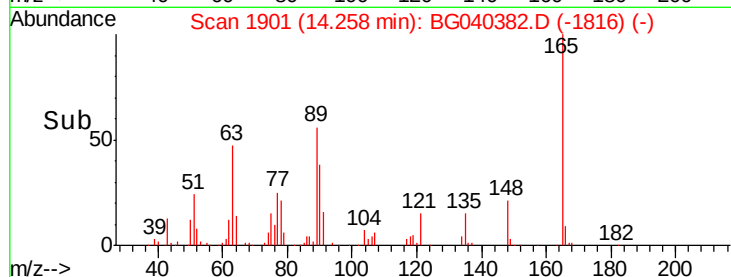
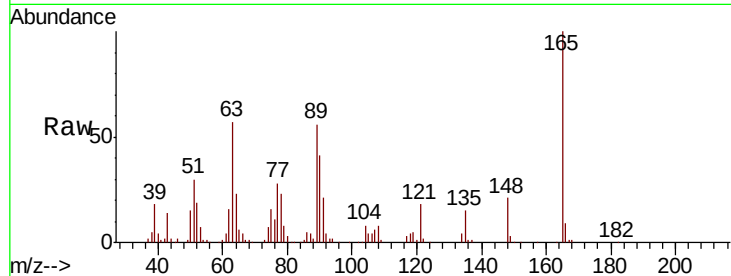
#51
2,6-Dinitrotoluene
Concen: 42.220 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.3	44.1	66.1	
89	56.4	44.9	67.3	

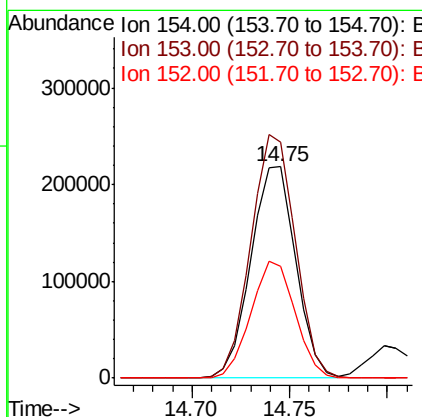
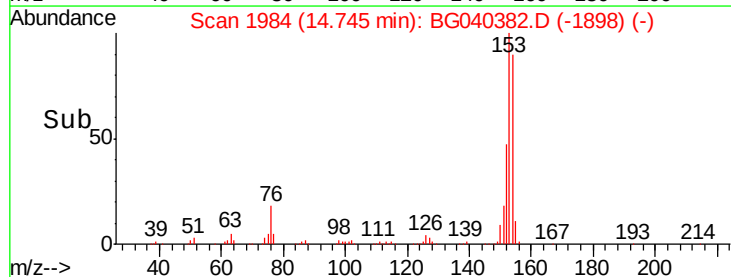
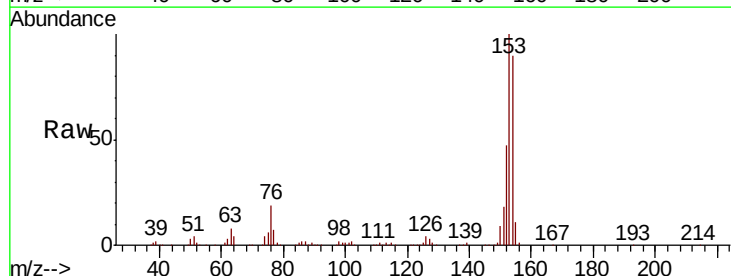
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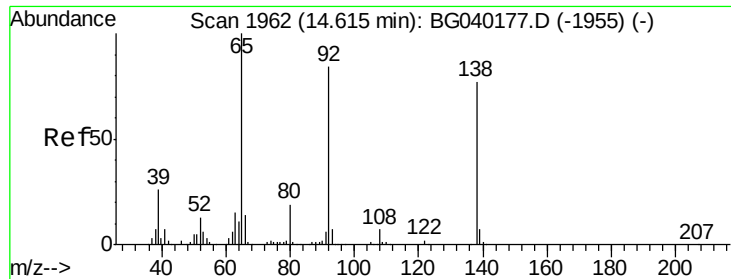
Sohil
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#52
Acenaphthene
Concen: 41.806 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.2	92.8	139.2	
152	52.7	43.4	65.2	





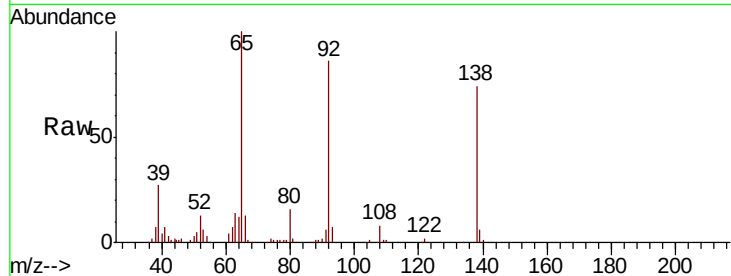
#53
3-Nitroaniline
Concen: 30.925 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.8	11.8
92	115.5	87.5	131.3

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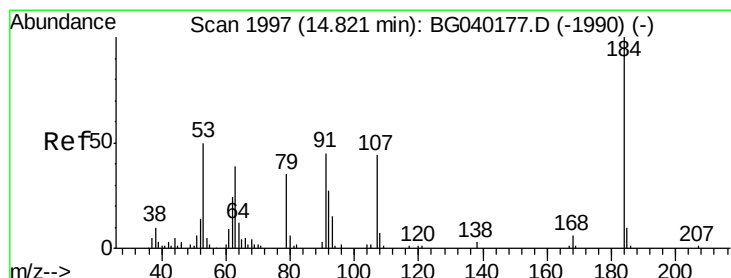
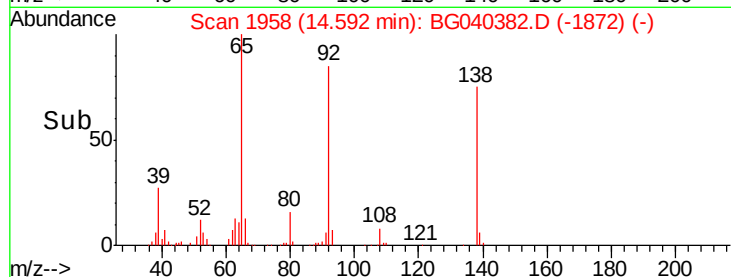
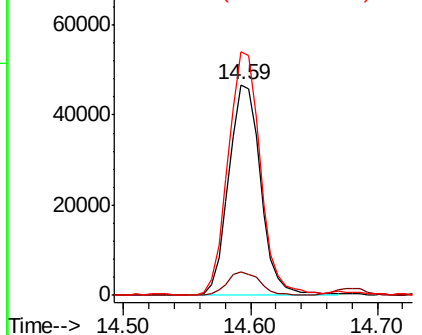


Abundance

Ion 138.00 (137.70 to 138.70): E

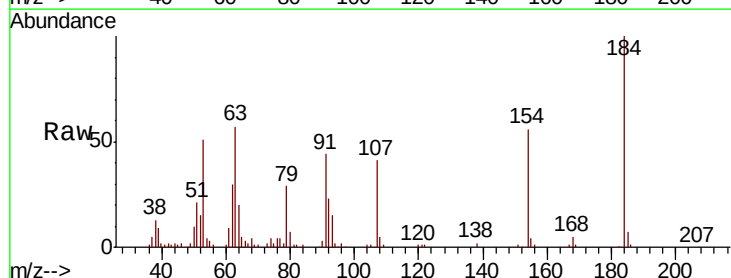
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 76.262 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.1	51.8	77.8
154	56.2	50.9	76.3

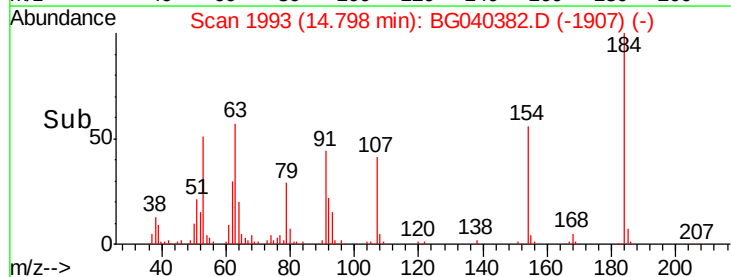
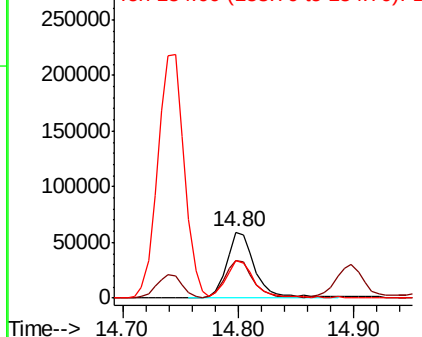


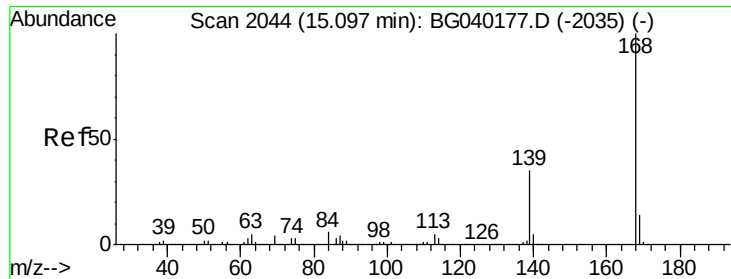
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





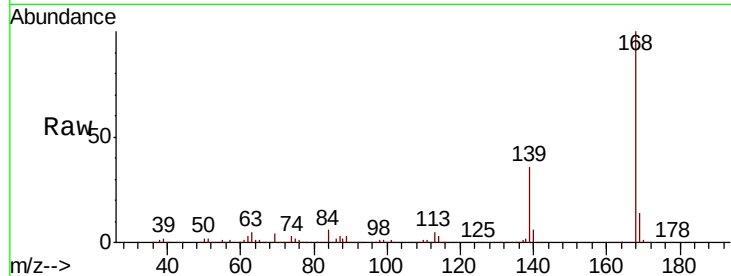
#55
Dibenzofuran
Concen: 42.730 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	27.9	41.9
169	14.2	11.3	16.9

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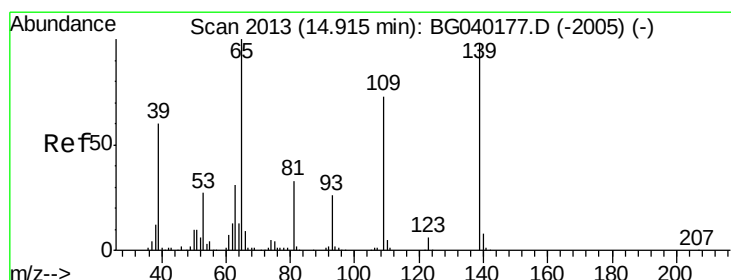
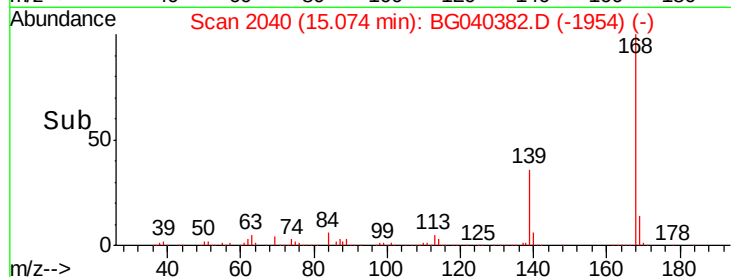
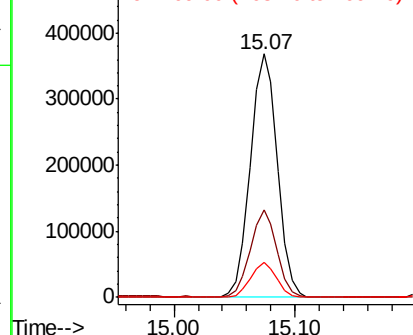


Abundance

Ion 168.00 (167.70 to 168.70): E

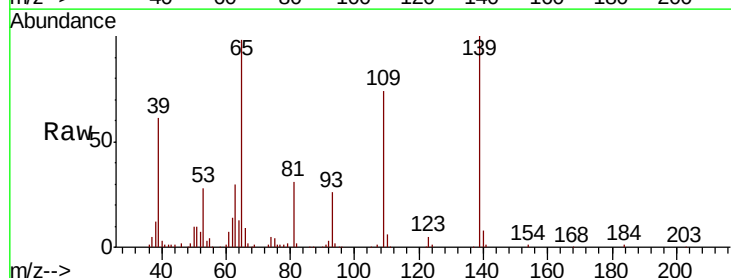
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 82.151 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.0	54.3	94.3
65	97.6	82.5	122.5

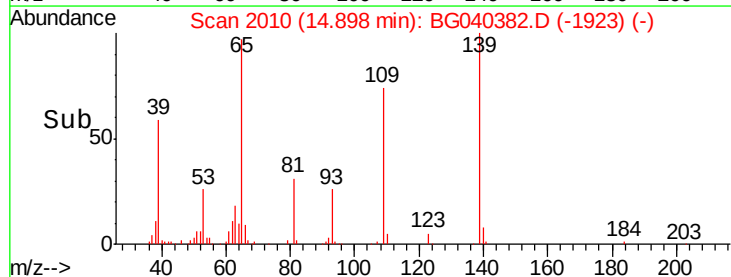
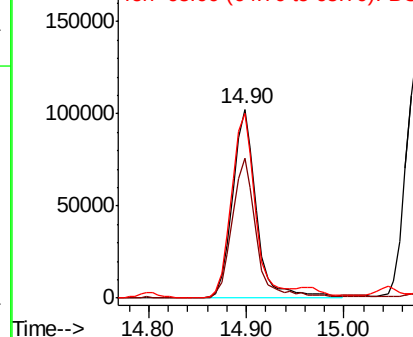


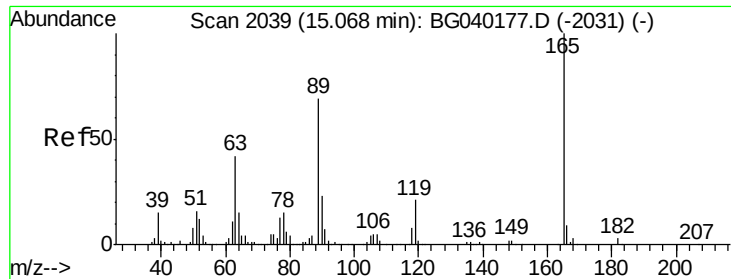
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 44.014 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

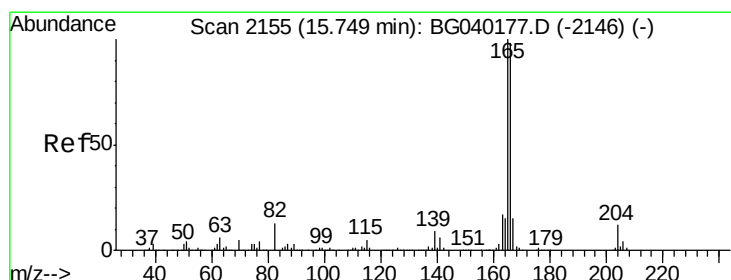
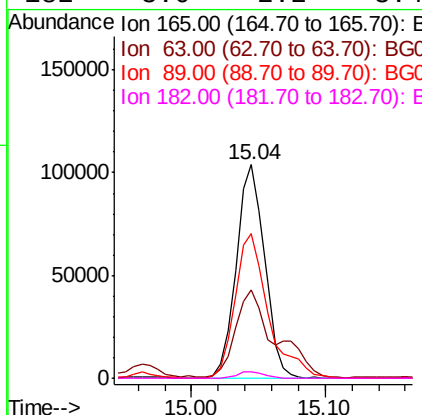
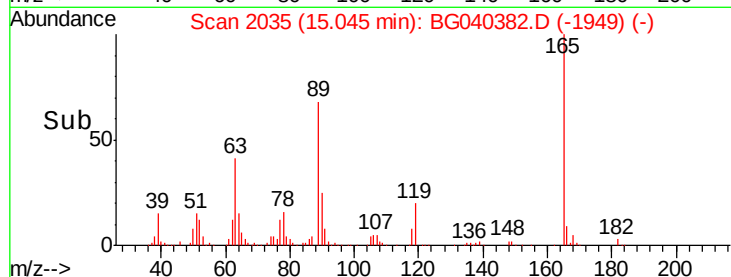
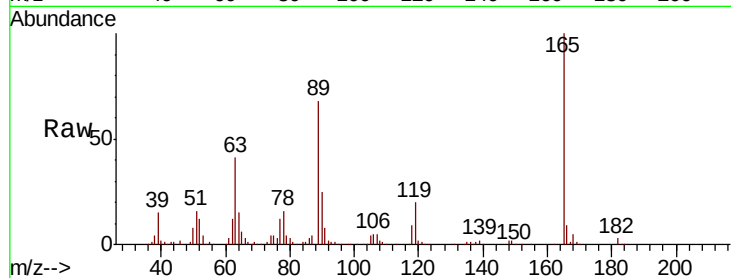
ClientSampleId :

PB118644BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	152481		
63	41.1	33.8	50.6	
89	67.9	55.4	83.2	
182	3.0	2.2	3.4	

Manual Integrations
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#58

Fluorene

Concen: 42.377 ng

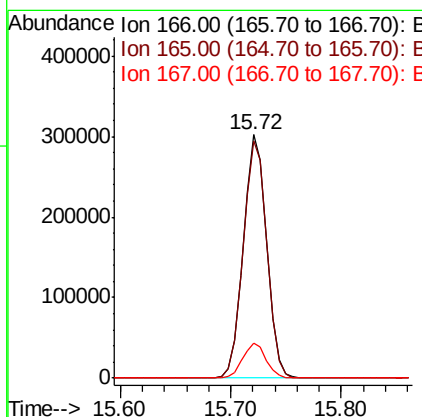
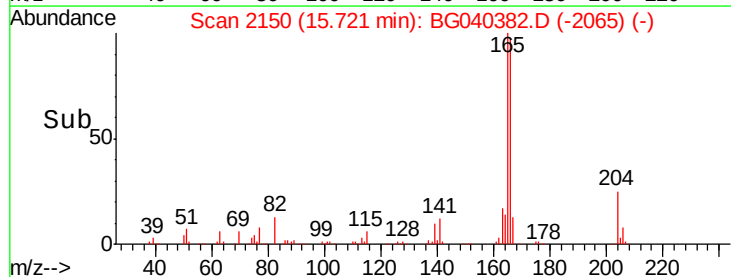
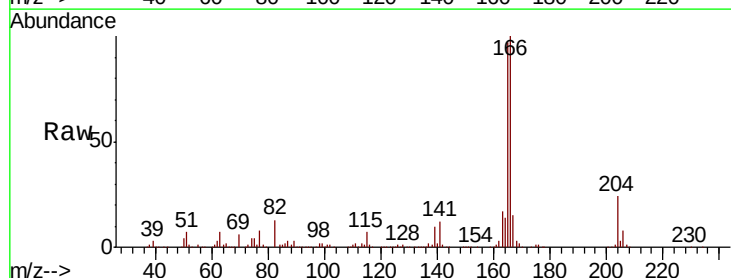
RT: 15.72 min Scan# 2150

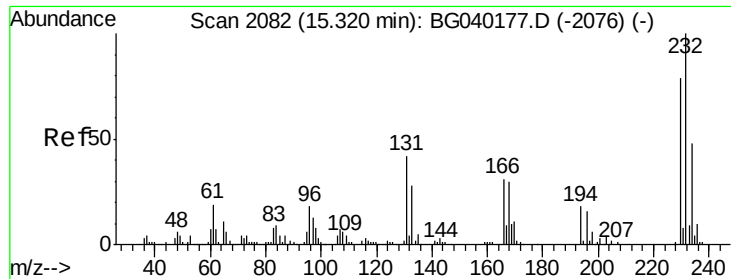
Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	447255		
165	97.5	81.7	122.5	
167	14.6	11.9	17.9	





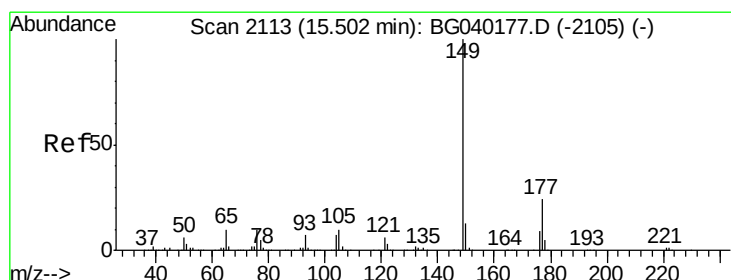
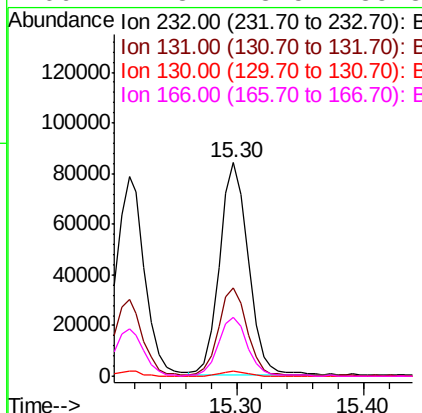
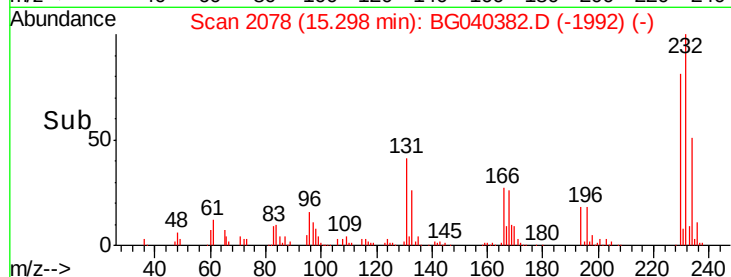
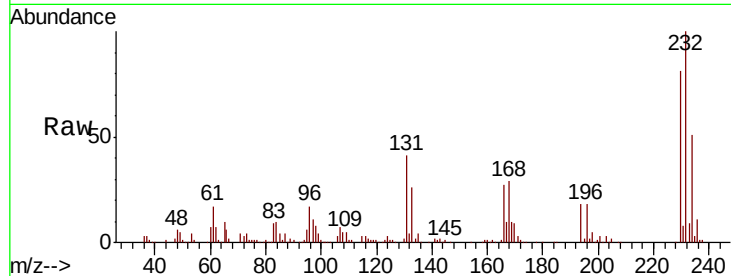
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.081 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB118644BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	132512		
131	40.9		32.9	49.3
130	2.3		1.8	2.8
166	27.8		23.5	35.3

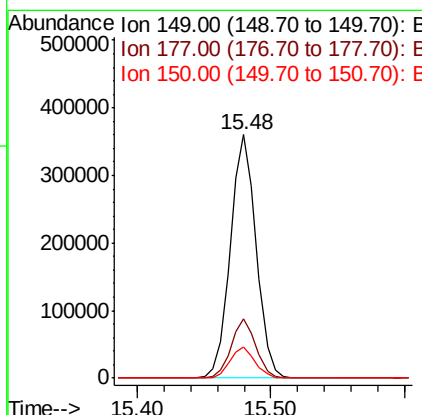
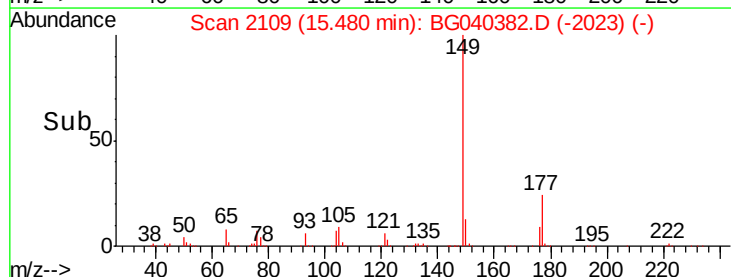
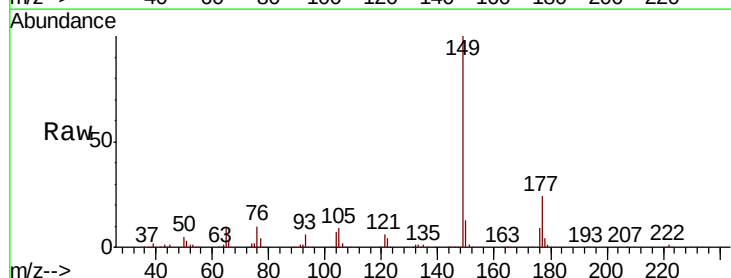
Manual Integrations
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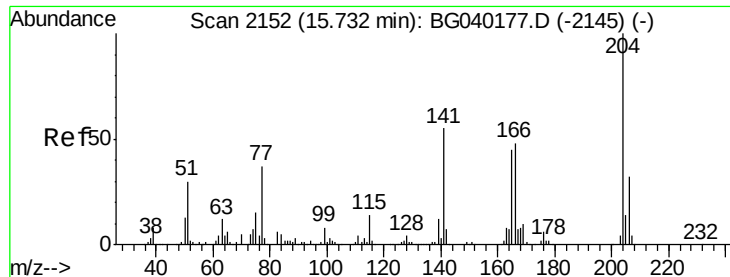
Sohil
 4/8/2019 10:02:07 AM



#60
 Diethylphthalate
 Concen: 42.616 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040382.D
 Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	484227		
177	24.3		19.1	28.7
150	13.0		10.6	15.8





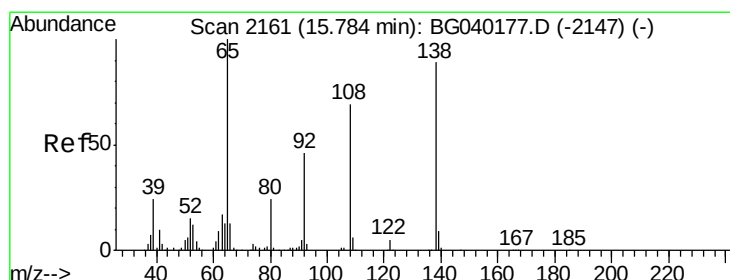
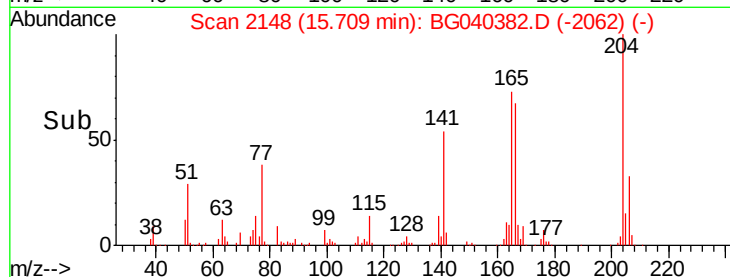
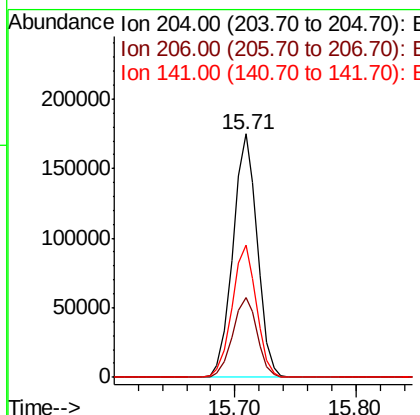
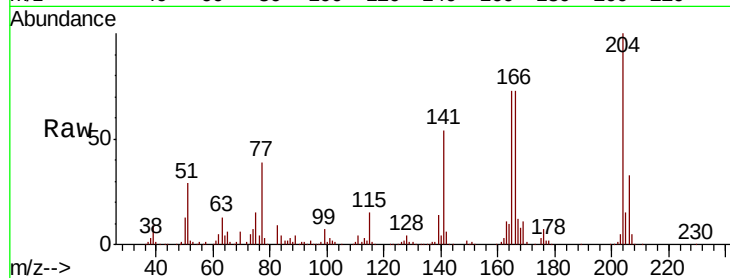
#61
4-Chlorophenyl-phenylether
Concen: 43.435 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleID :
PB118644BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.7	38.5
141	54.2	44.0	66.0

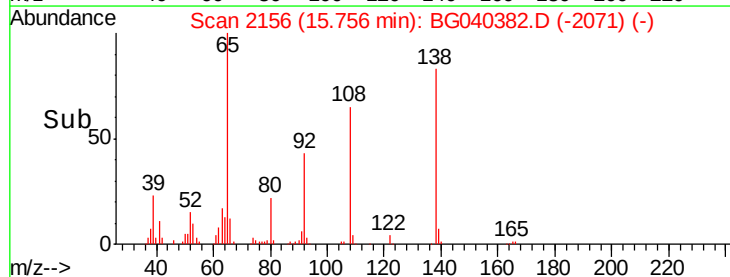
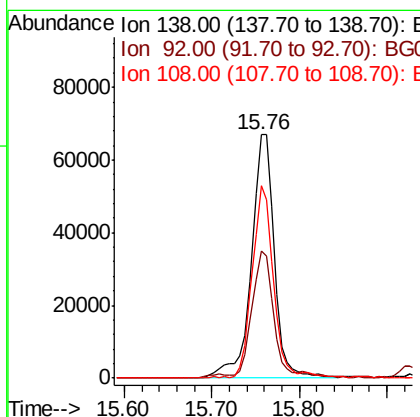
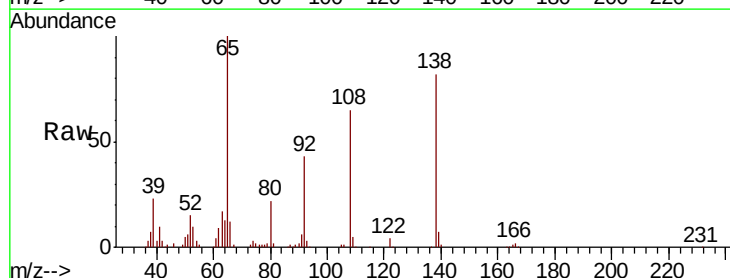
Manual Integrations
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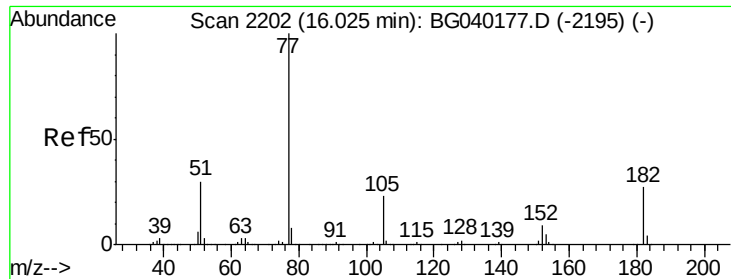
Sohil
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#62
4-Nitroaniline
Concen: 42.336 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.8	71.8
108	78.8	57.2	97.2





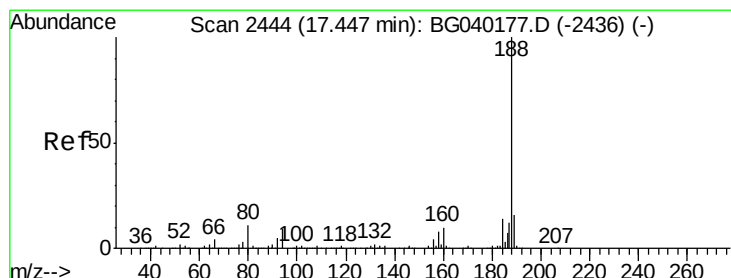
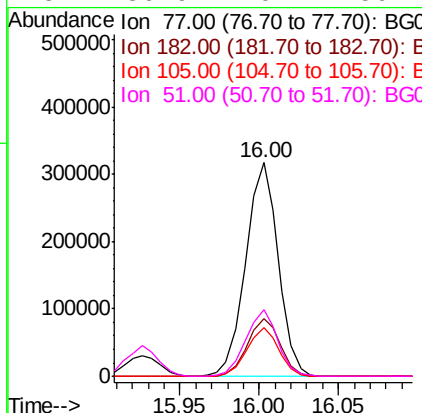
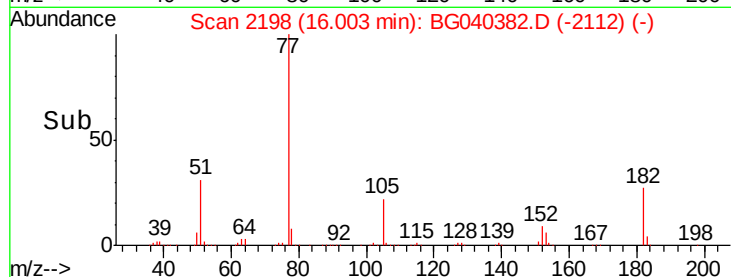
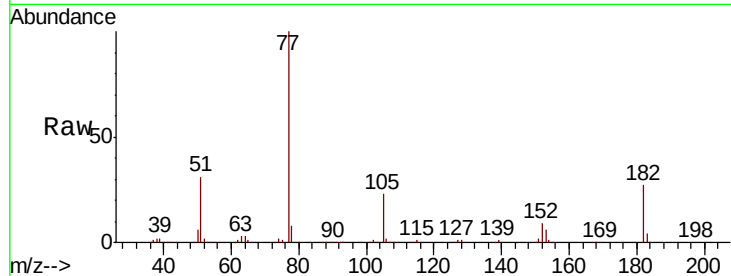
#63
Azobenzene
Concen: 41.836 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	7.2	47.2
105	22.6	2.8	42.8
51	30.9	10.4	50.4

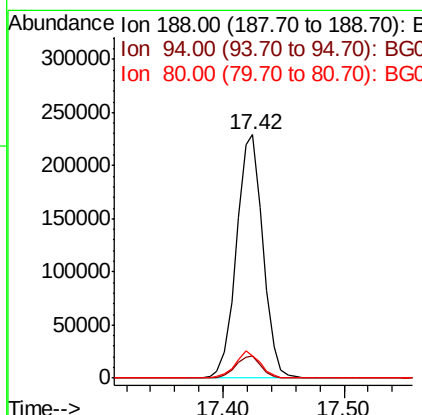
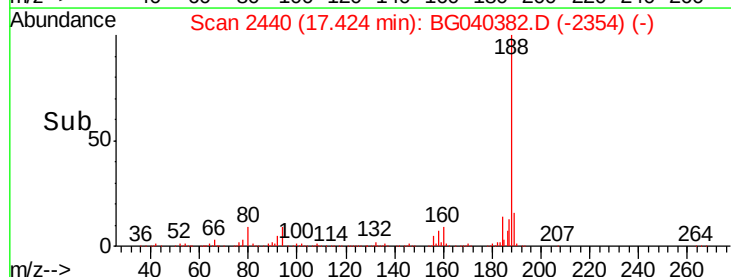
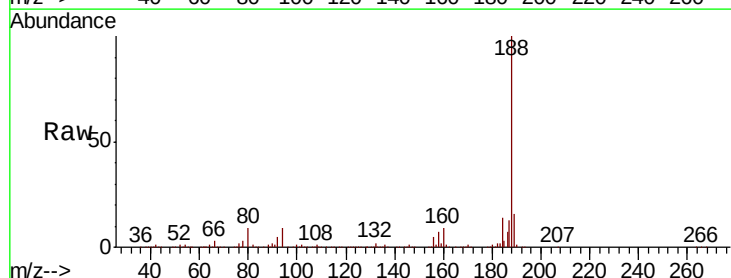
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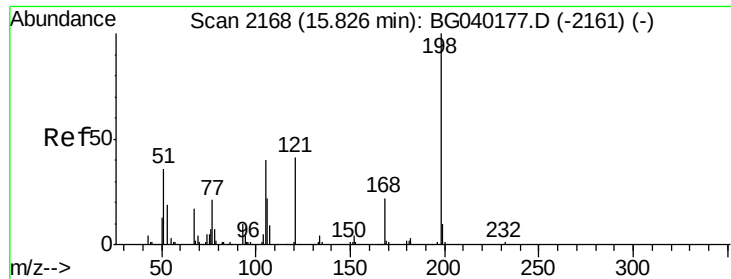
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	9.1	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 42.336 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

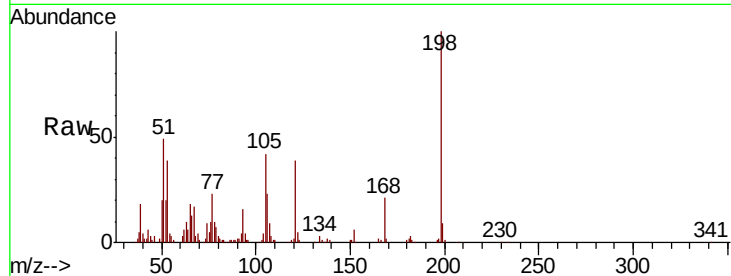
ClientSampleId :

PB118644BS

Tot Ion:	198	Resp:	82902
Ion Ratio	Lower	Upper	
198	100		
51	48.8	27.3	67.3
105	41.9	21.7	61.7

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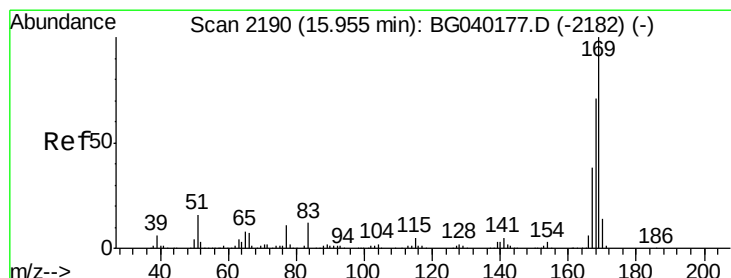
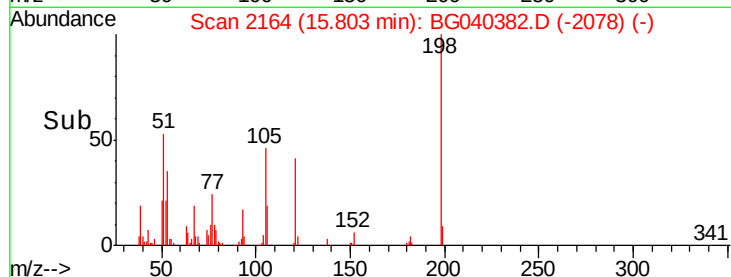
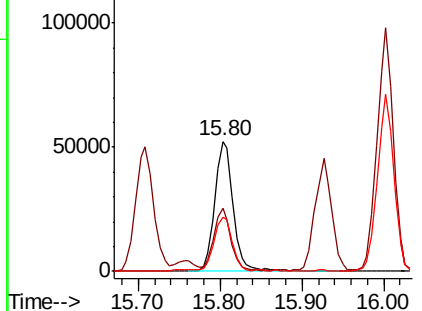
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.741 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BG040382.D

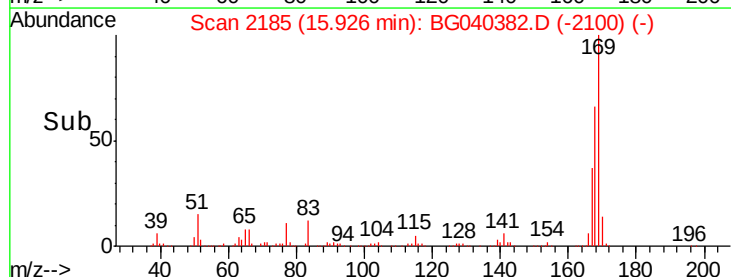
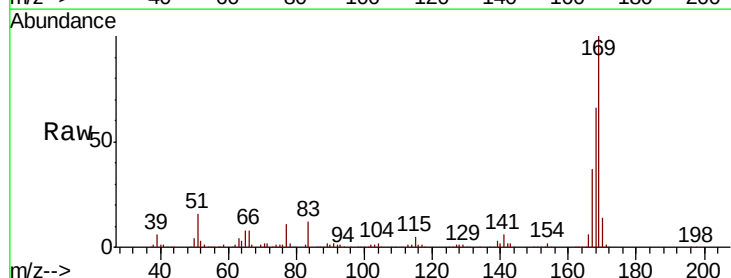
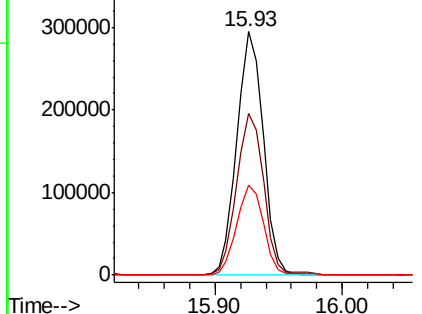
Acq: 5 Apr 2019 18:25

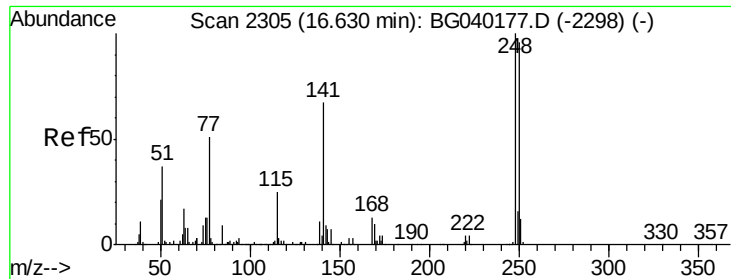
Tgt Ion:	169	Resp:	425735
Ion Ratio	Lower	Upper	
169	100		
168	66.4	56.8	85.2
167	36.8	30.2	45.4

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





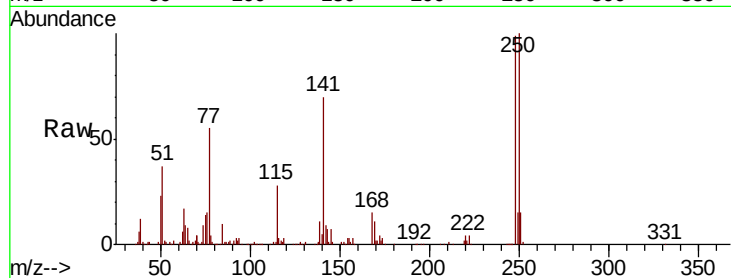
#67
4-Bromophenyl-phenylether
Concen: 39.906 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampled :
PB118644BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.9	76.4	114.6
141	70.9	53.8	80.8

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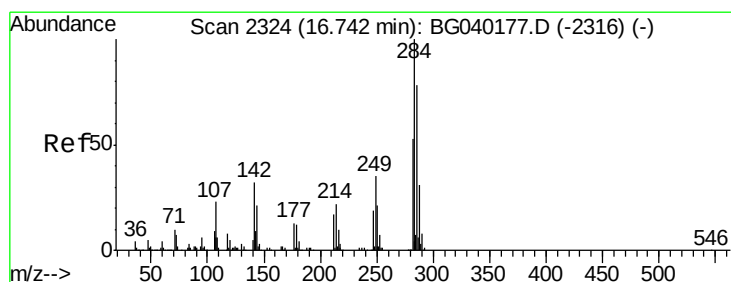
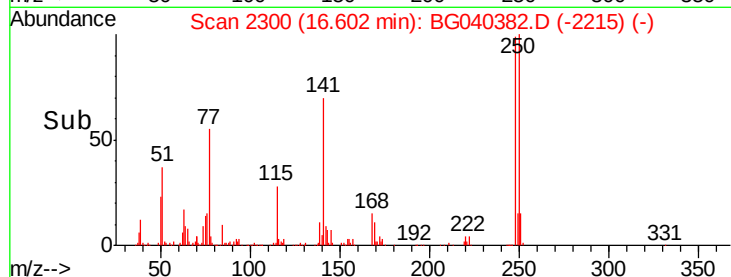
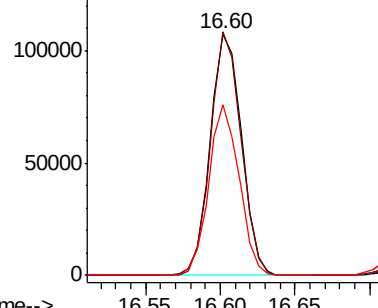


Abundance

Ion 248.00 (247.70 to 248.70): E

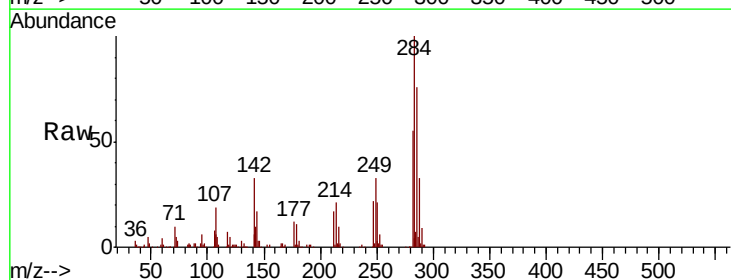
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.448 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.3	37.9
249	33.4	28.2	42.2

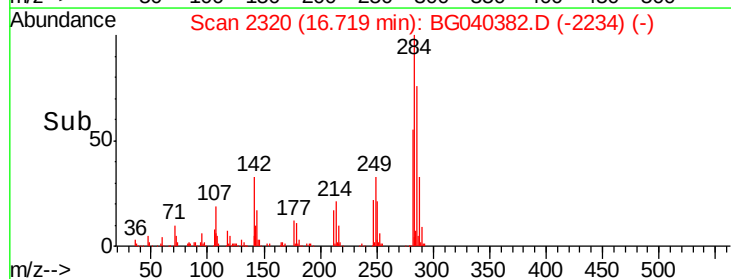
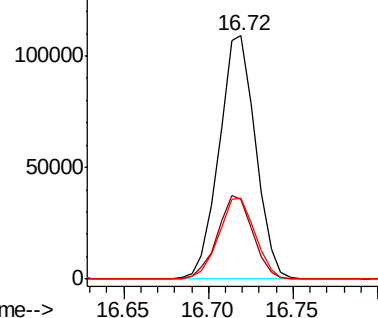


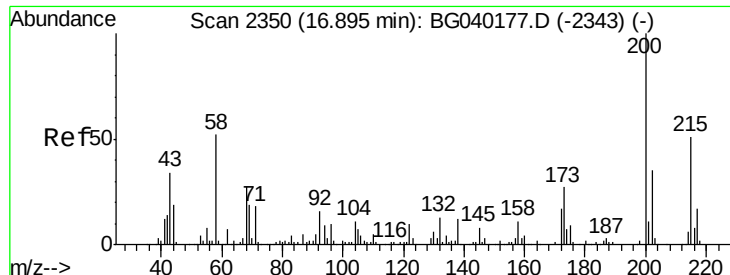
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.138 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

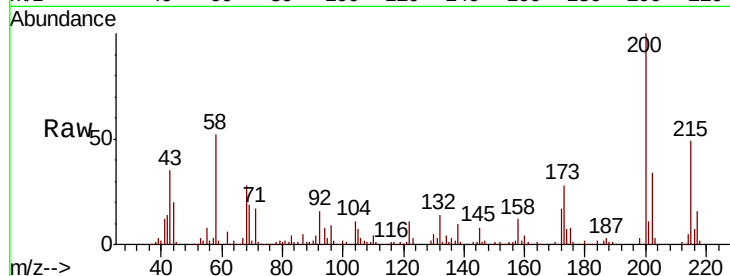
ClientSampleId :

PB118644BS

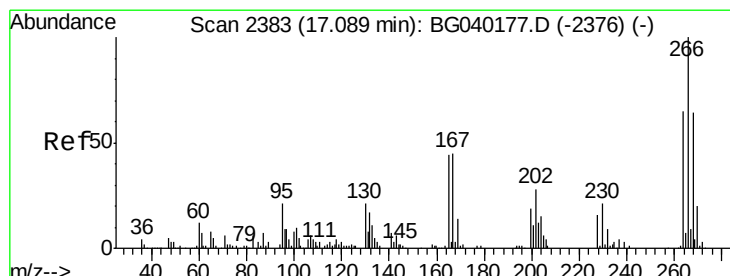
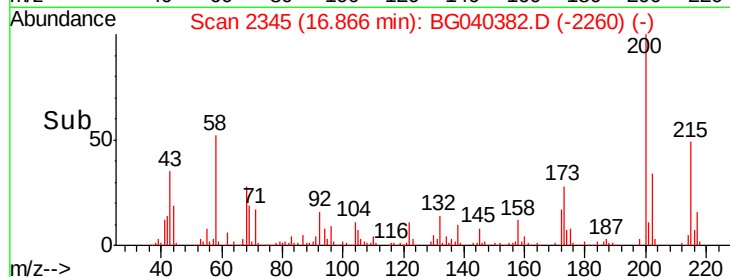
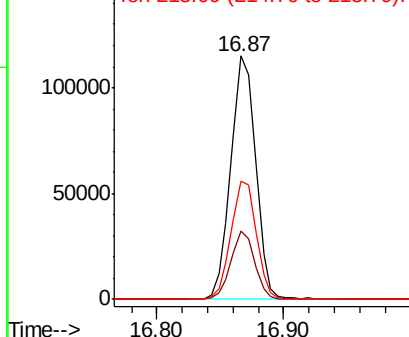
Tot Ion:	200	Resp:	156080
Ion Ratio	Lower	Upper	
200	100		
173	28.2	7.1	47.1
215	48.7	30.9	70.9

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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: 74.942 ng

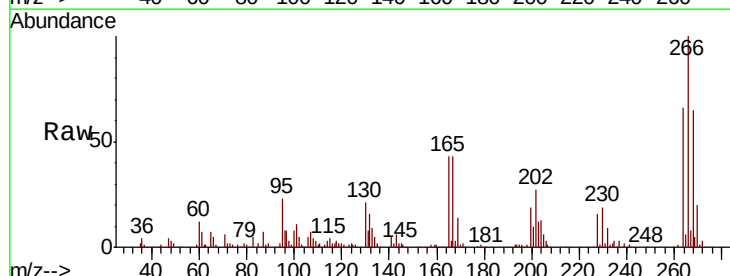
RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

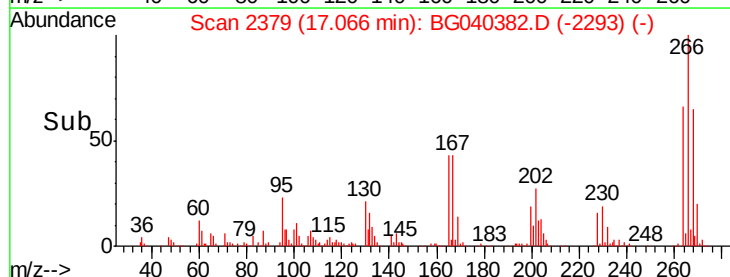
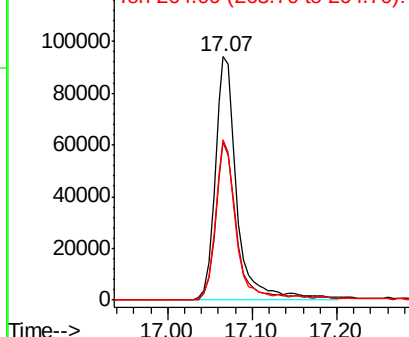
Lab File: BG040382.D

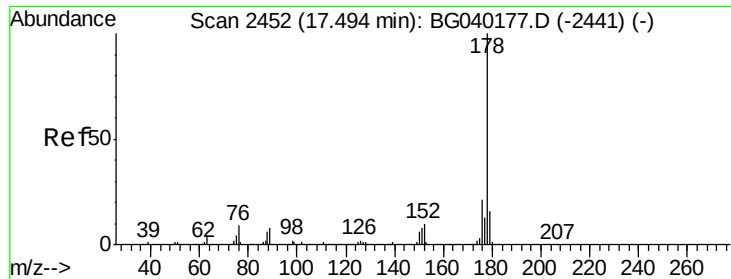
Acq: 5 Apr 2019 18:25

Tgt Ion:	266	Resp:	170870
Ion Ratio	Lower	Upper	
266	100		
268	69.8	55.0	82.4
264	66.0	51.8	77.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





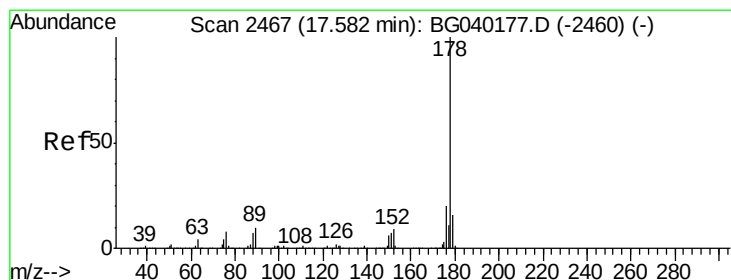
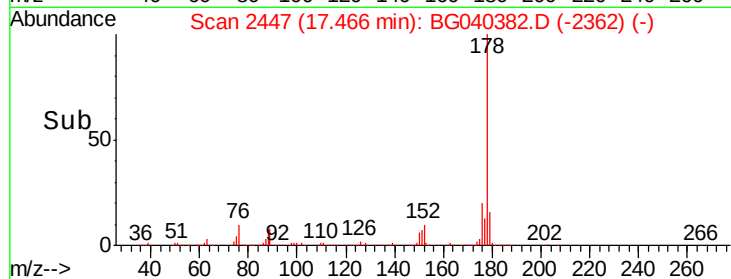
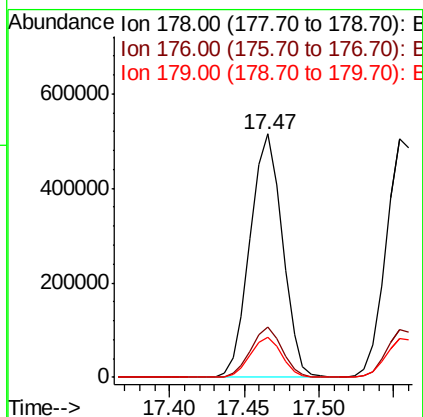
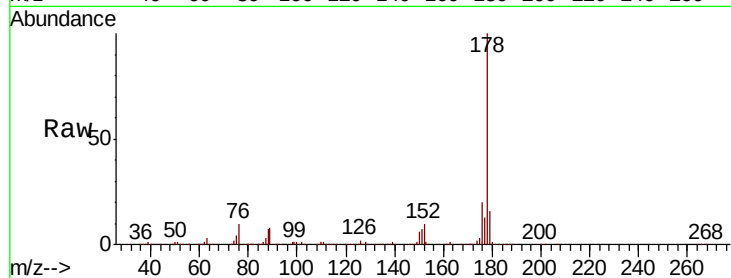
#71
Phenanthrene
Concen: 42.277 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.7	25.1
179	16.4	12.8	19.2

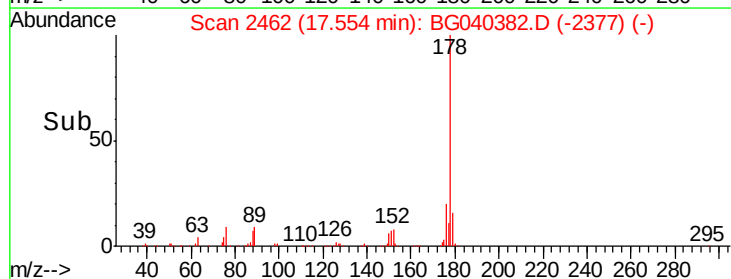
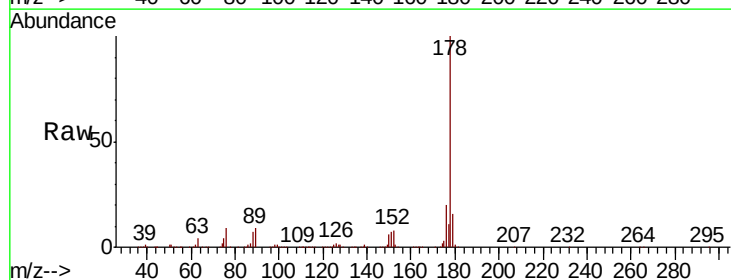
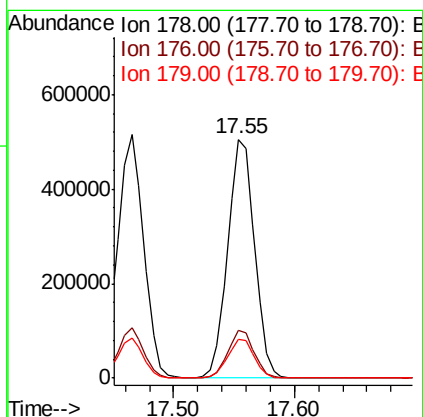
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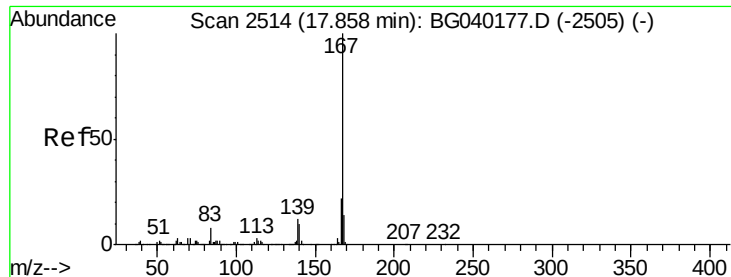
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#72
Anthracene
Concen: 42.660 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.4	12.9	19.3





#73

Carbazole

Concen: 43.515 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

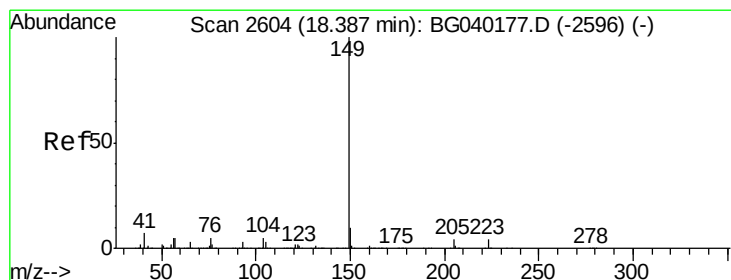
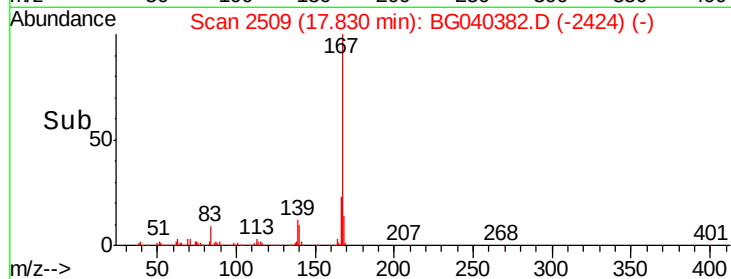
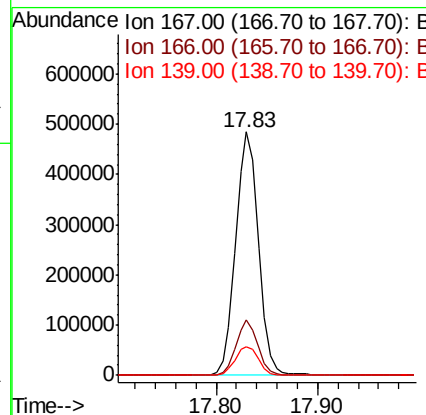
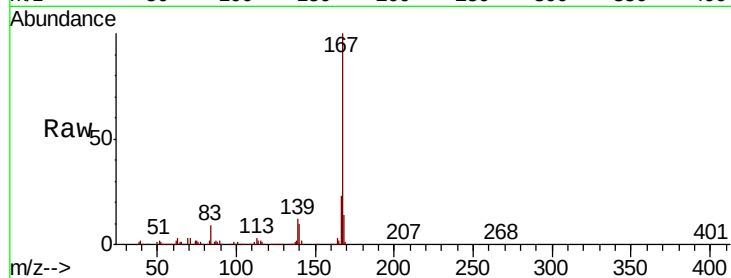
ClientSampleId :

PB118644BS

Tot Ion:	167	Resp:	755161
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.5	26.3
139	11.8	10.0	15.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 42.781 ng

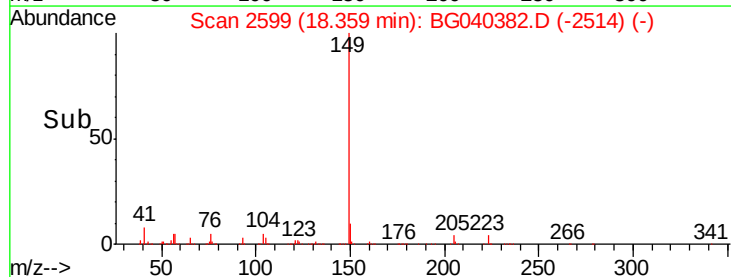
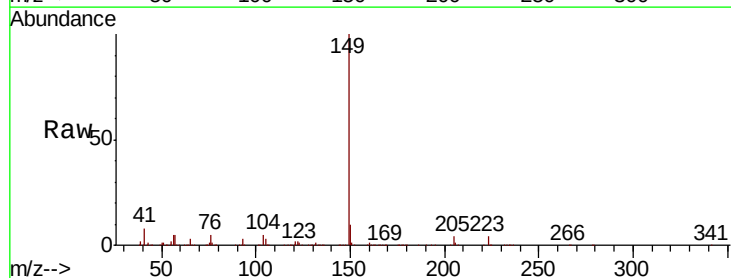
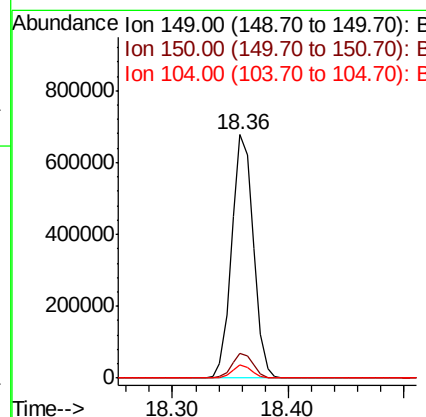
RT: 18.36 min Scan# 2599

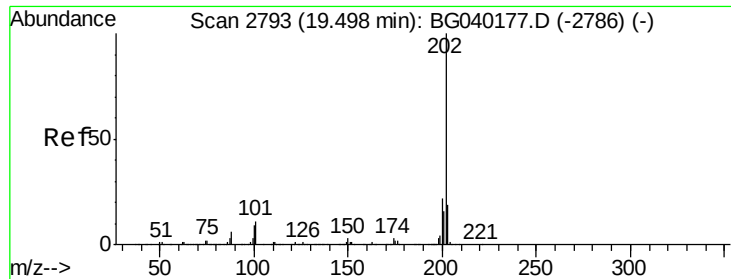
Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Tgt Ion:	149	Resp:	880026
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.9	11.9
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 45.168 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

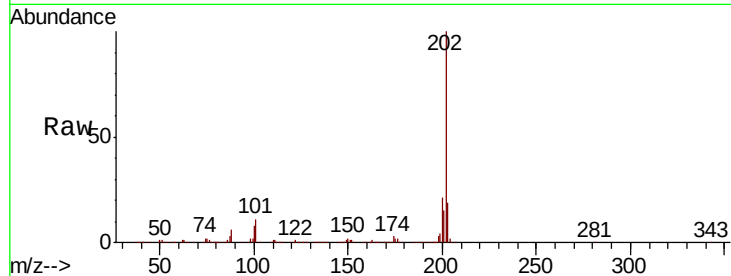
ClientSampleId :

PB118644BS

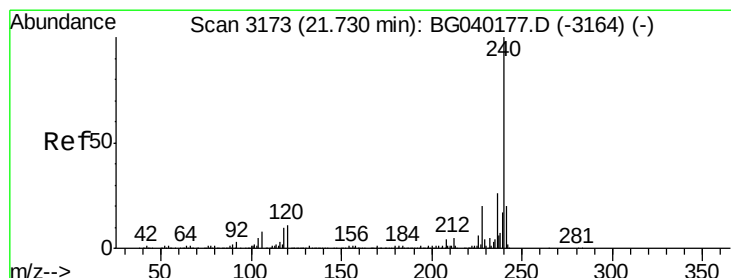
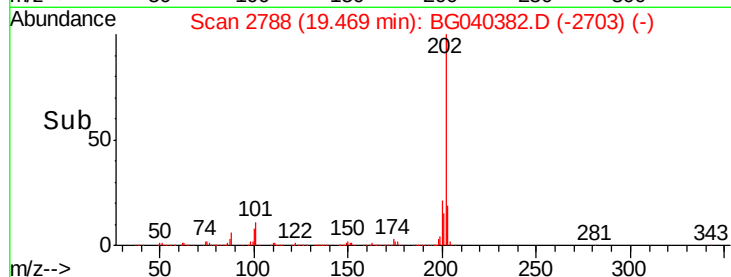
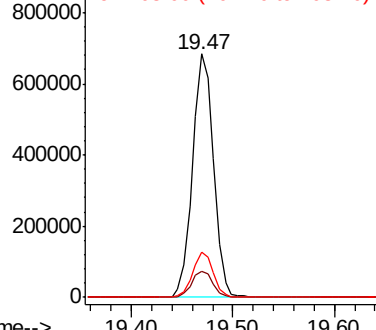
Tot Ion:	202	Resp:	979850
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.8
203	18.6	0.0	38.9

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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

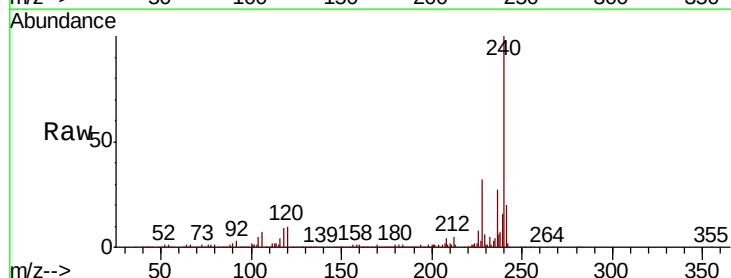
RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

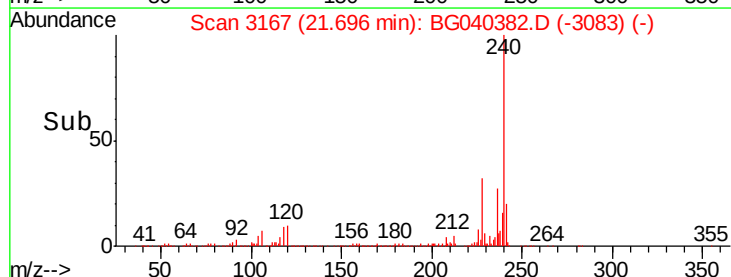
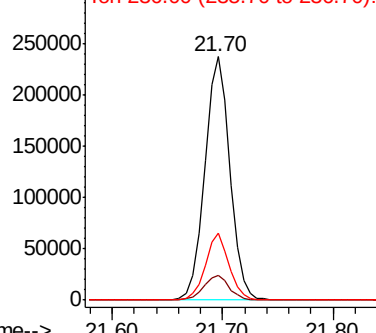
Lab File: BG040382.D

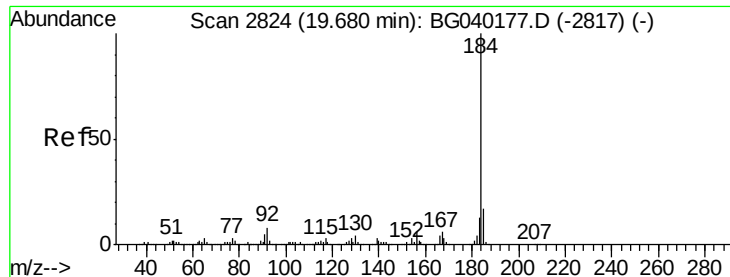
Acq: 5 Apr 2019 18:25

Tgt Ion:	240	Resp:	378607
Ion Ratio	Lower	Upper	
240	100		
120	10.3	8.4	12.6
236	27.3	20.8	31.2



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: 25.931 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

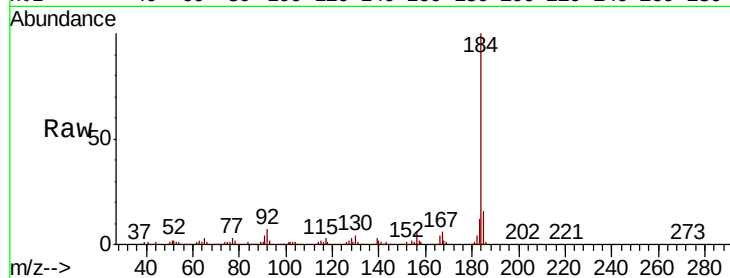
ClientSampleId :

PB118644BS

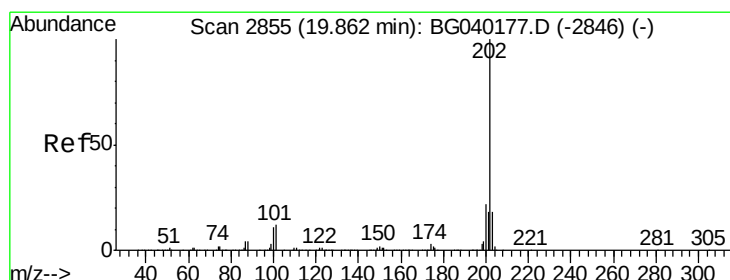
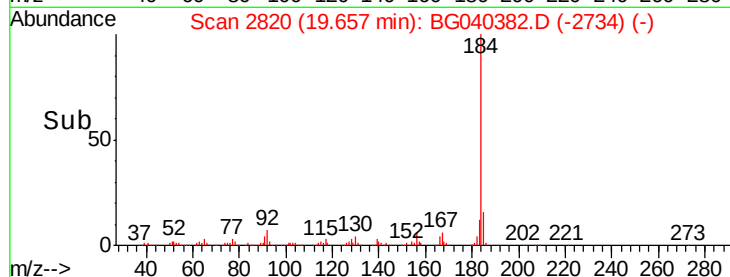
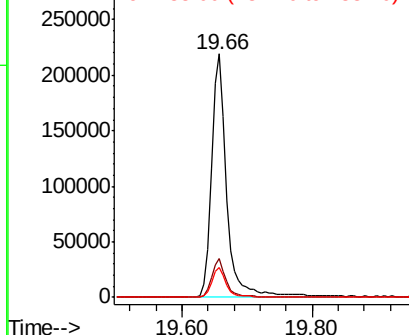
Tot Ion:	184	Resp:	354533
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.3	19.9
183	12.4	10.3	15.5

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



#78

Pyrene

Concen: 39.118 ng

RT: 19.83 min Scan# 2850

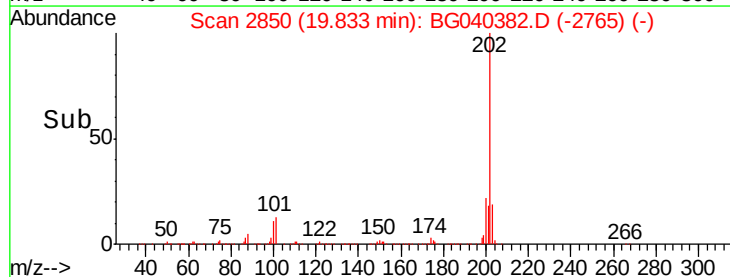
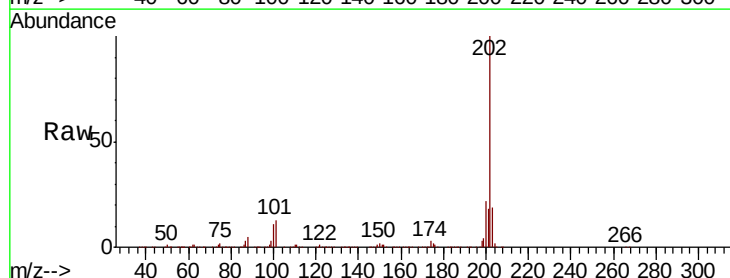
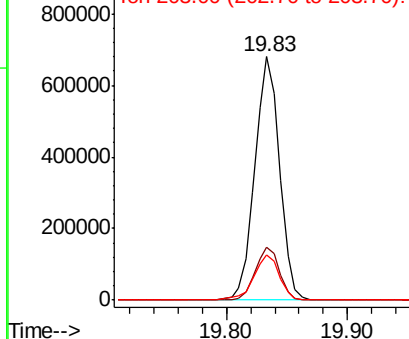
Delta R.T. -0.03 min

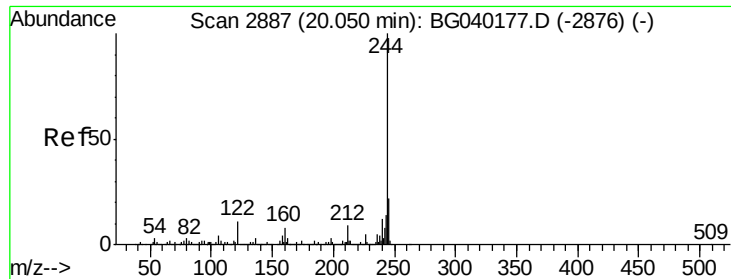
Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Tgt Ion:	202	Resp:	973938
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.3	25.9
203	18.7	14.6	22.0

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





#79

Terphenyl-d14

Concen: 74.275 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

Tot Ion:244 Resp: 1250024

Ion Ratio Lower Upper

244 100

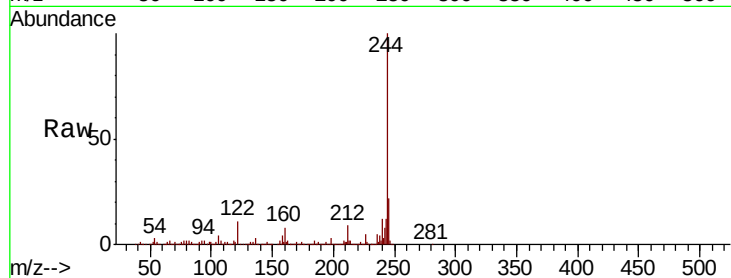
212 8.5 7.0 10.6

122 11.4 8.5 12.7

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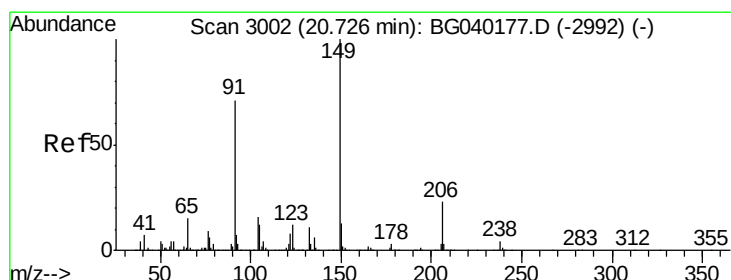
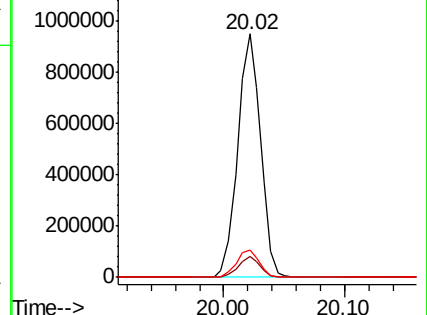
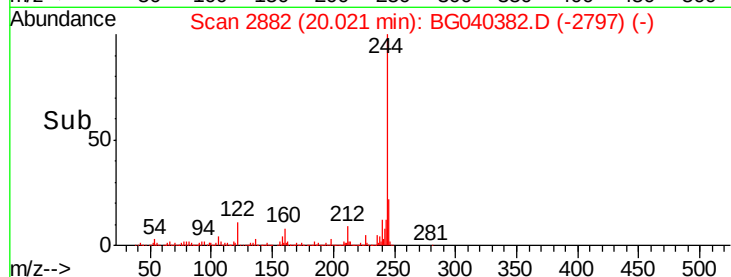


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.870 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

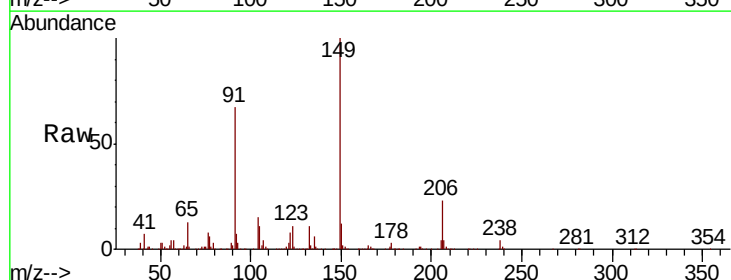
Tgt Ion:149 Resp: 435428

Ion Ratio Lower Upper

149 100

91 67.2 57.0 85.4

206 22.8 18.2 27.4

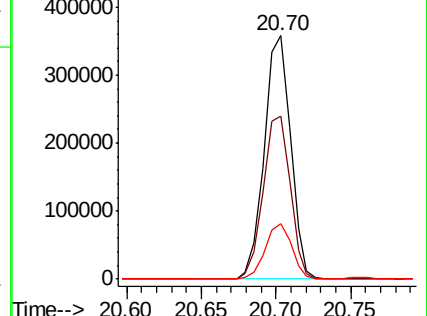
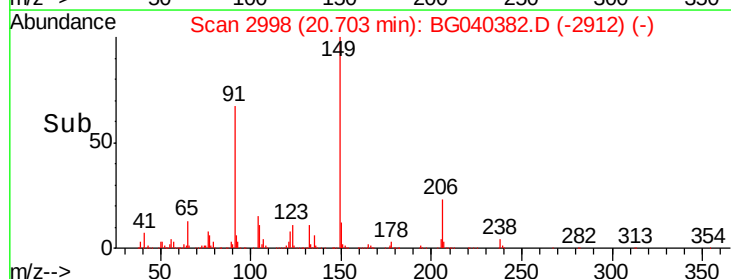


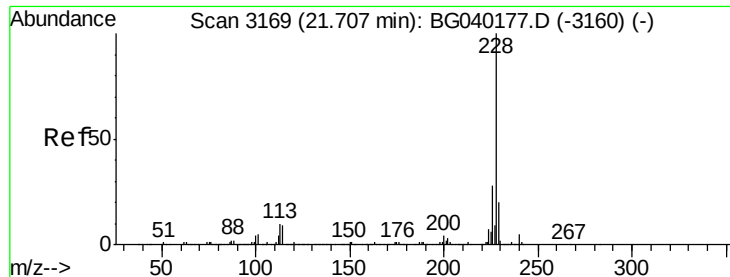
Abundance

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: 40.249 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

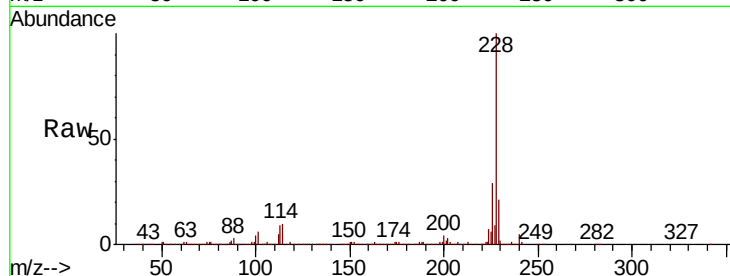
ClientSampleId :

PB118644BS

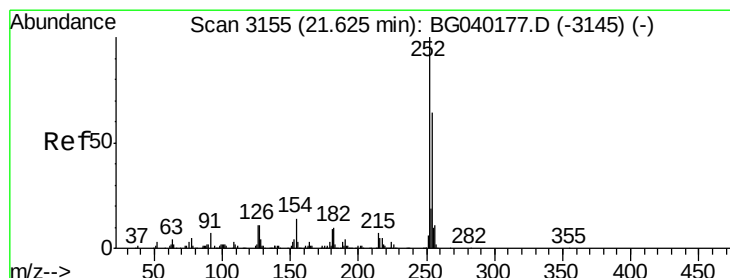
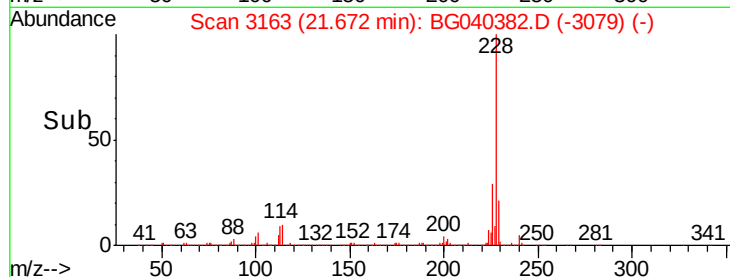
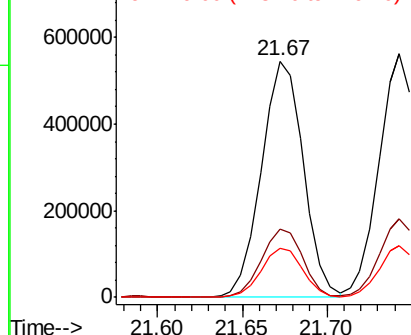
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		938618		
226	29.2		22.6	34.0	
229	20.8		16.1	24.1	

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.559 ng

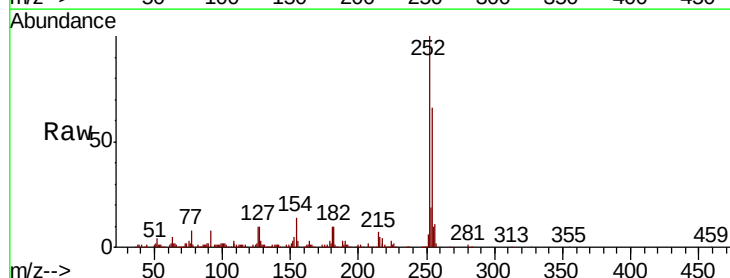
RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

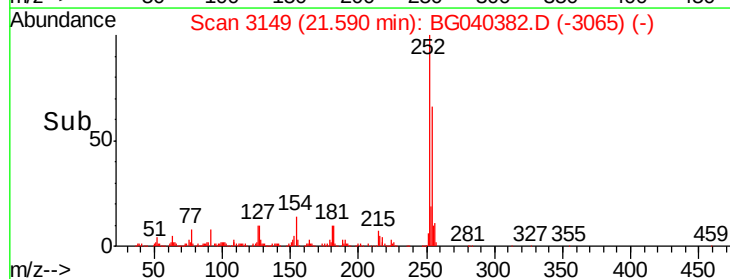
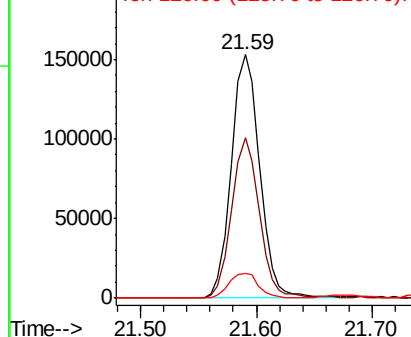
Lab File: BG040382.D

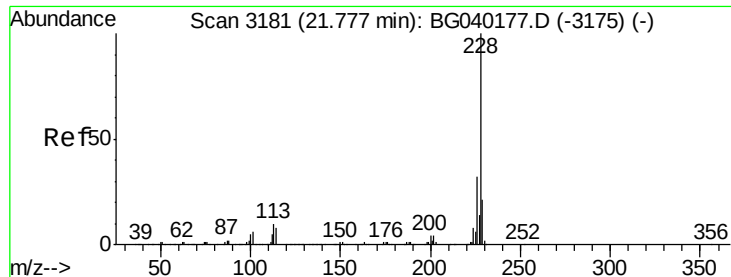
Acq: 5 Apr 2019 18:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		262224		
254	65.8		51.4	77.2	
126	10.2		8.5	12.7	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





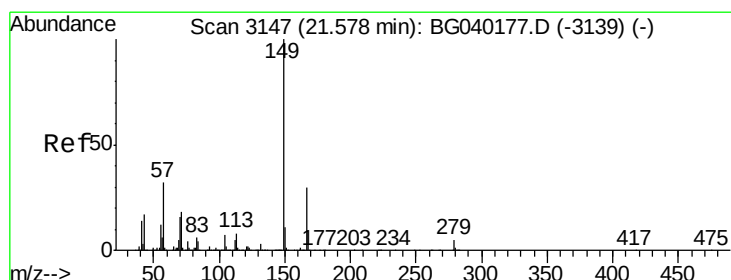
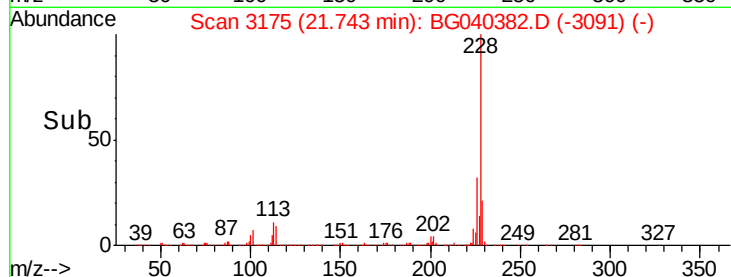
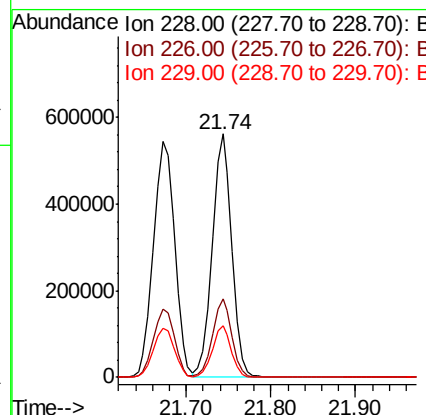
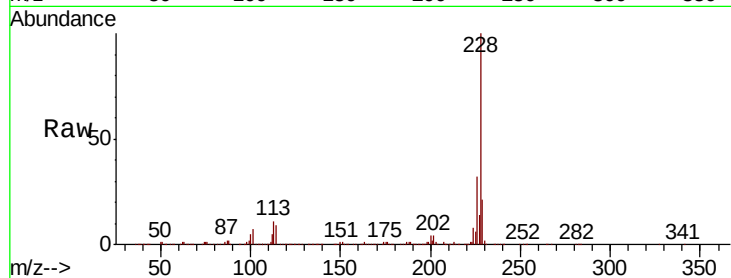
#83
Chrysene
Concen: 40.651 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.4	38.0
229	21.0	17.0	25.4

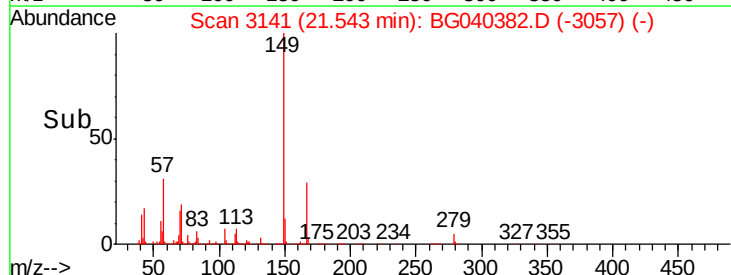
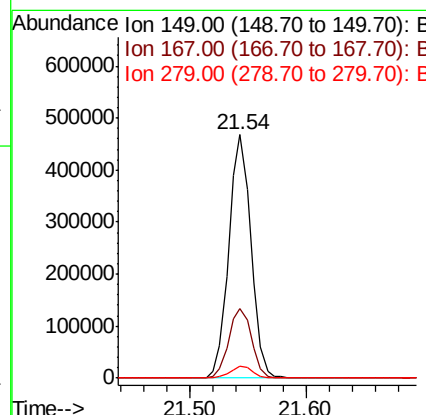
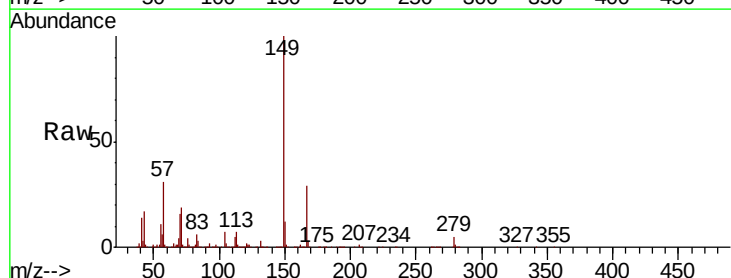
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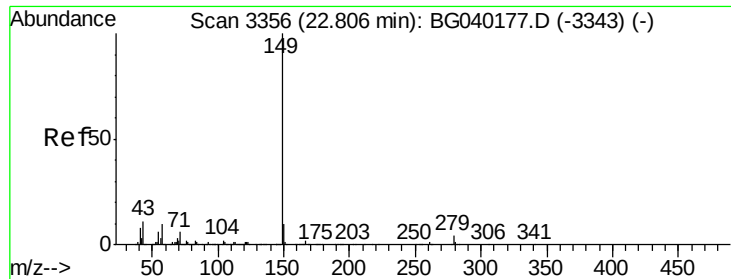
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.718 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.1	36.1
279	4.7	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 41.283 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118644BS

Tot Ion:149 Resp: 1071204

Ion Ratio Lower Upper

149 100

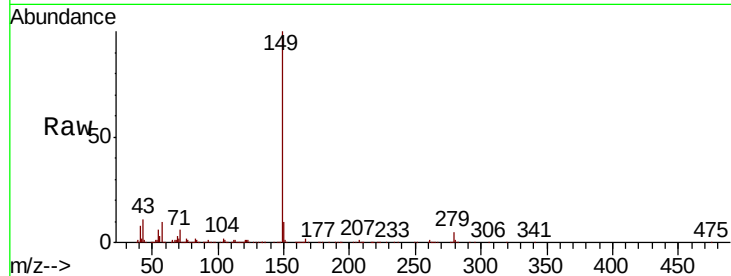
167 1.7 1.4 2.0

43 10.5 8.7 13.1

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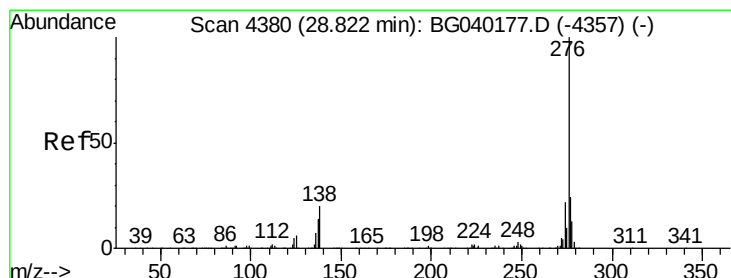
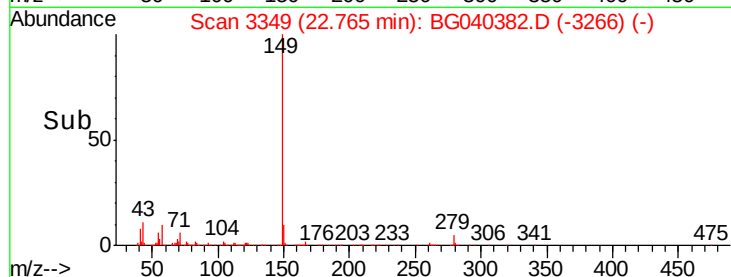
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.77

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.450 ng

RT: 28.73 min Scan# 4364

Delta R.T. -0.09 min

Lab File: BG040382.D

Acq: 5 Apr 2019 18:25

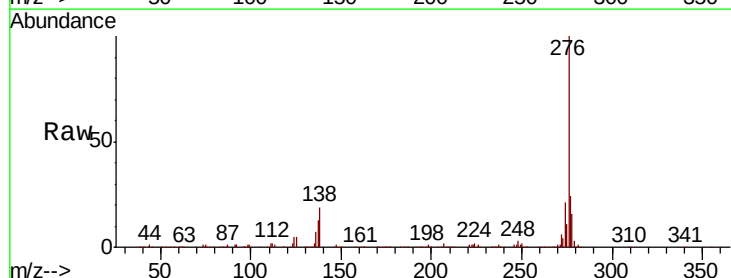
Tgt Ion:276 Resp: 1136211

Ion Ratio Lower Upper

276 100

138 13.7 18.8 28.2#

277 25.4 21.0 31.4



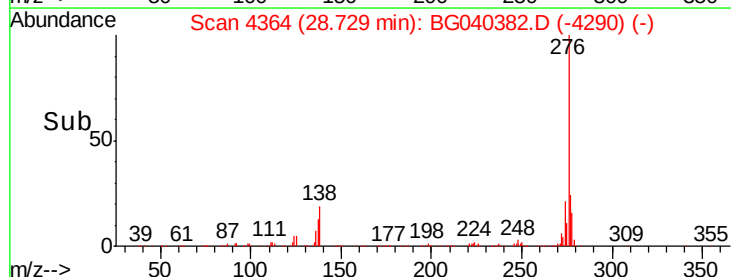
Abundance Ion 276.00 (275.70 to 276.70): E

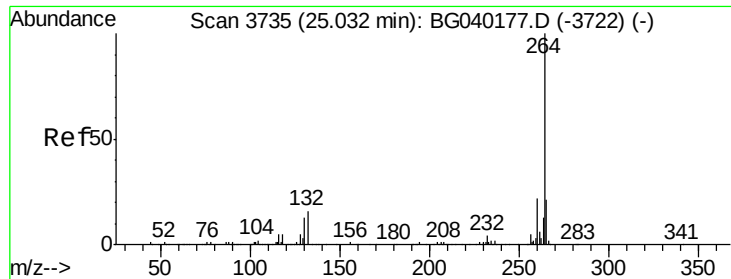
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.73

Time-->





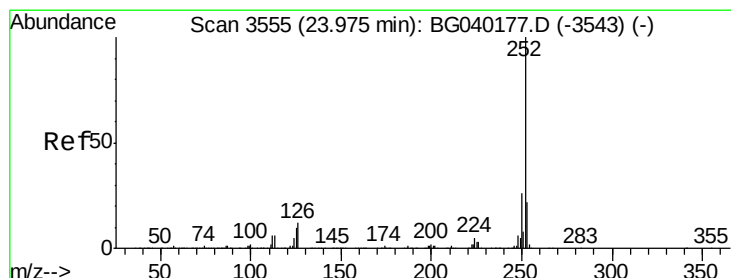
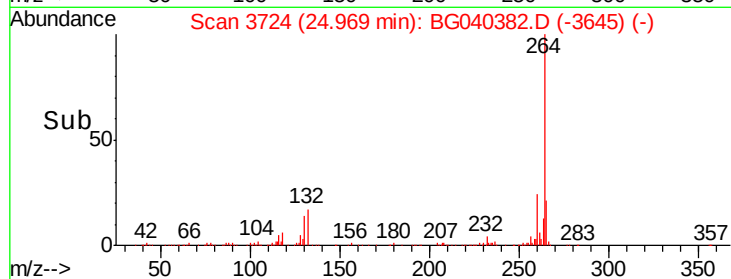
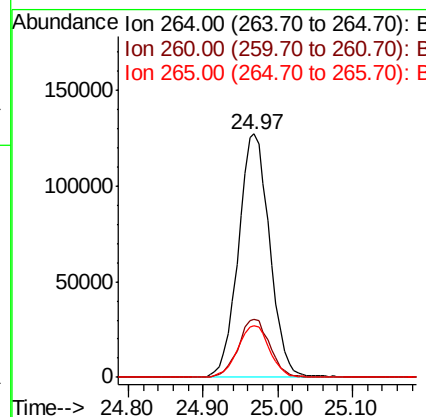
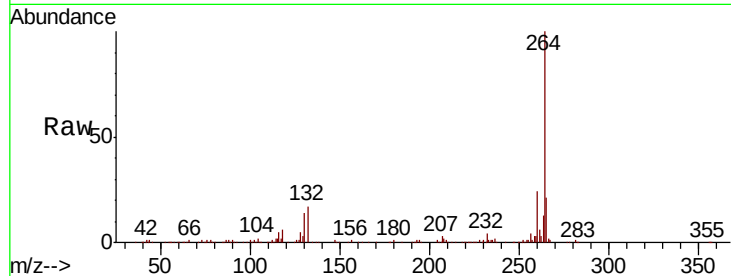
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	21.1	16.8	25.2

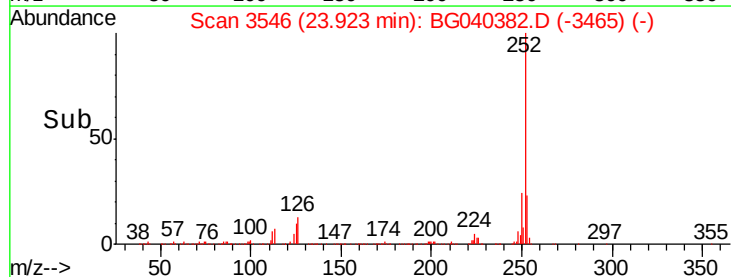
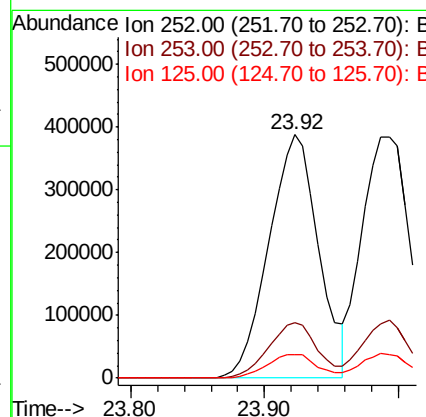
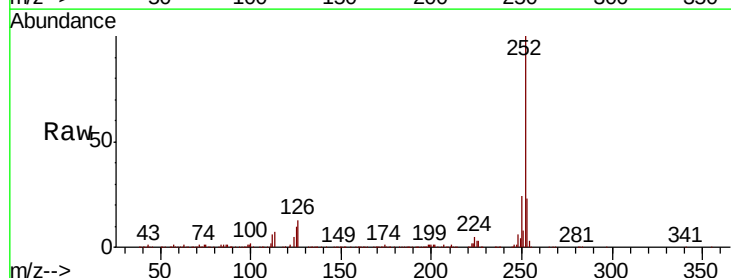
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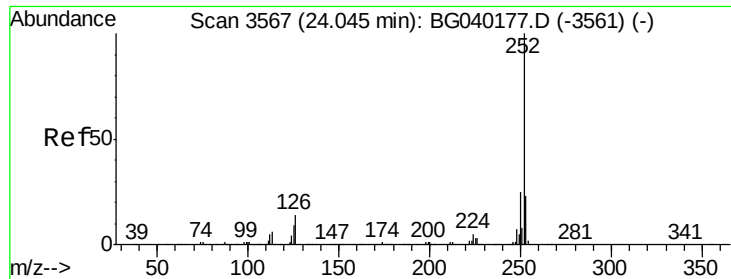
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#88
Benzo(b)fluoranthene
Concen: 44.184 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.9	8.2	12.4





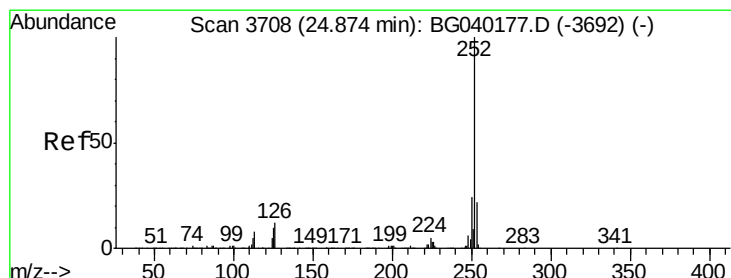
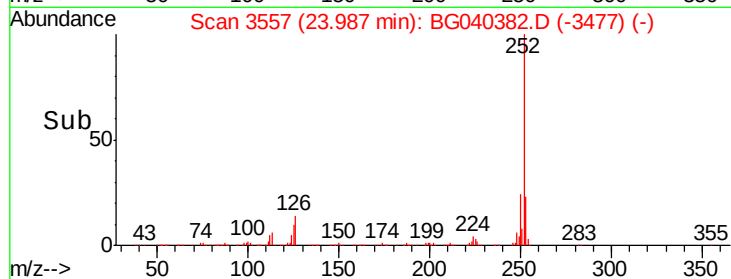
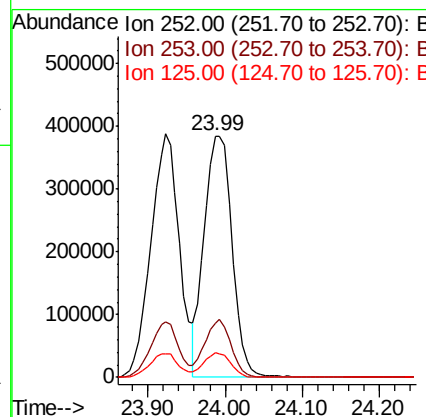
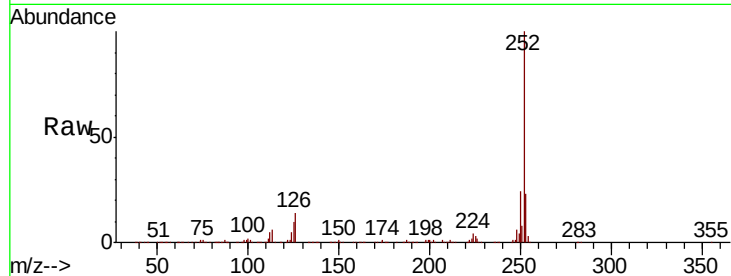
#89
Benzo(k)fluoranthene
Concen: 46.038 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.06 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118644BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	10.0	7.3	10.9

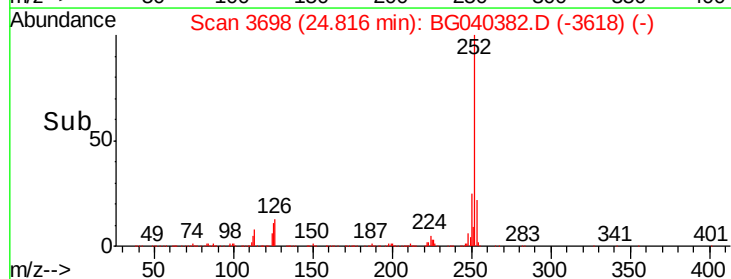
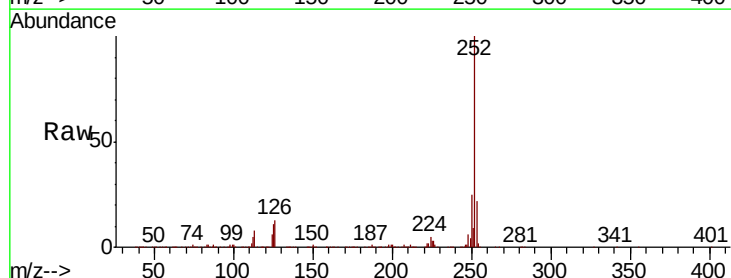
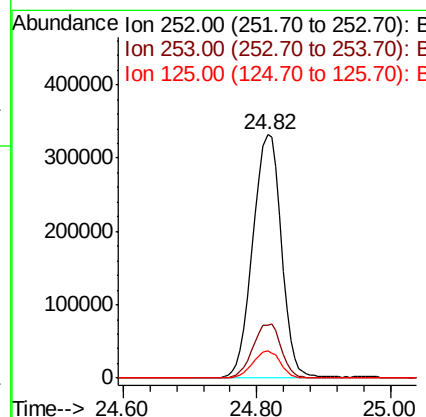
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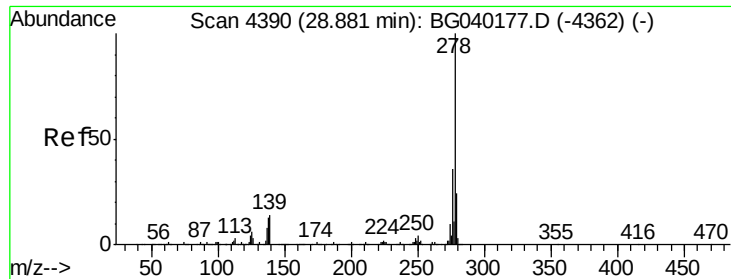
Sohil
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#90
Benzo(a)pyrene
Concen: 45.938 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	11.1	8.3	12.5





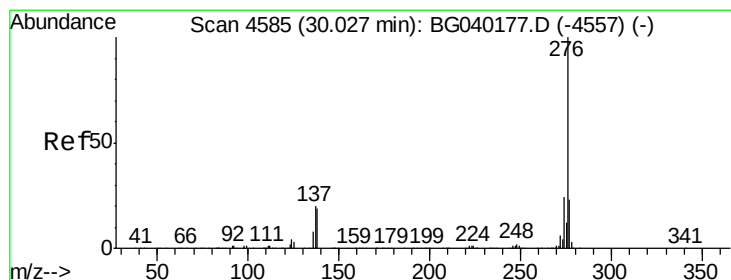
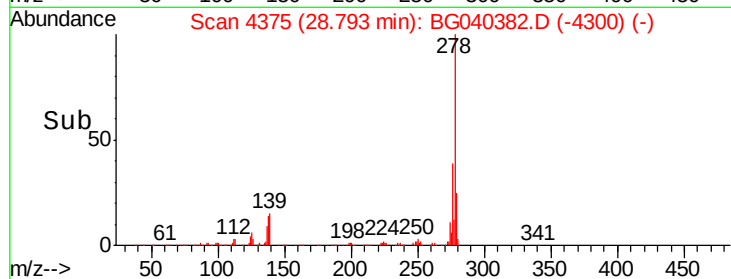
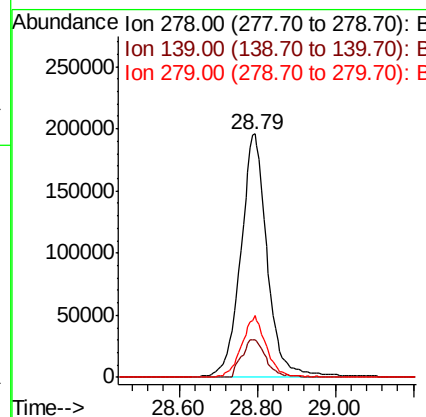
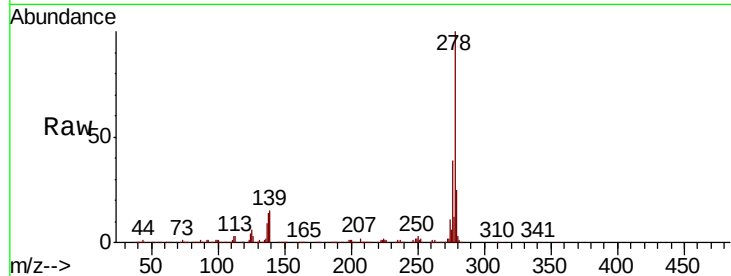
#91
Dibenzo(a,h)anthracene
Concen: 46.531 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.09 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Instrument :
BNA_G
ClientSampled :
PB118644BS

Tot Ion:278	Resp:	918937
Ion Ratio	Lower	Upper
278	100	
139	15.4	11.2 16.8
279	25.2	18.9 28.3

Manual Integrations
APPROVED

Sohil
4/8/2019 10:02:07 AM



#92
Benzo(g,h,i)perylene
Concen: 46.104 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.11 min
Lab File: BG040382.D
Acq: 5 Apr 2019 18:25

Tgt Ion:276	Resp:	935736
Ion Ratio	Lower	Upper
276	100	
277	25.0	18.6 28.0
138	19.2	15.2 22.8

