

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
 Data File : BG040659.D
 Acq On : 29 Apr 2019 13:33
 Operator : JU/SJ
 Sample : PB119233BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BS

Manual Integrations
 APPROVED

Sohil
 4/30/2019 6:44:39 PM

Quant Time: Apr 30 05:38:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 30 05:31:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	69039	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	301381	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	213502	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	582627	20.00	ng	0.00
76) Chrysene-d12	21.82	240	665895	20.00	ng	0.00
87) Perylene-d12	25.20	264	488784	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	601945	153.69	ng	0.00
7) Phenol-d6	7.29	99	864822	143.41	ng	0.00
23) Nitrobenzene-d5	9.33	82	541835	83.07	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	435693	148.47	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1089624	73.71	ng	0.00
79) Terphenyl-d14	20.13	244	2122411	70.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	75242	42.243	ng	95
3) Pyridine	3.96	79	132364	25.638	ng	98
4) n-Nitrosodimethylamine	3.88	42	115437	40.312	ng	# 89
6) Aniline	7.48	93	229423	28.703	ng	98
8) 2-Chlorophenol	7.71	128	217038	45.384	ng	93
9) Benzaldehyde	7.29	77	11022	2.948	ng	# 73
10) Phenol	7.32	94	305737	47.165	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	207259	42.637	ng	99
12) 1,3-Dichlorobenzene	8.04	146	206806	39.620	ng	98
13) 1,4-Dichlorobenzene	8.19	146	212433	40.147	ng	100
14) 1,2-Dichlorobenzene	8.51	146	207434	40.650	ng	96
15) Benzyl Alcohol	8.39	79	267945	42.703	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	385497	39.833	ng	96
17) 2-Methylphenol	8.58	107	213415	46.522	ng	96
18) Hexachloroethane	9.24	117	82430	37.976	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	208598	38.427	ng	97
20) 3+4-Methylphenols	8.91	107	288088	45.080	ng	98
22) Acetophenone	8.99	105	358256	42.748	ng	# 98
24) Nitrobenzene	9.37	77	311161	44.712	ng	95
25) Isophorone	9.89	82	579908	39.914	ng	99
26) 2-Nitrophenol	10.09	139	120898	48.465	ng	94
27) 2,4-Dimethylphenol	10.13	122	234390	50.078	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	291627	40.007	ng	99
29) 2,4-Dichlorophenol	10.61	162	248143	46.634	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	254846	43.189	ng	98
31) Naphthalene	11.03	128	671355	41.930	ng	99
32) Benzoic acid	10.27	122	173000	53.992	ng	87
33) 4-Chloroaniline	11.14	127	177047	24.939	ng	96
34) Hexachlorobutadiene	11.30	225	185824	42.656	ng	99
35) Caprolactam	11.94	113	87621m	41.708	ng	
36) 4-Chloro-3-methylphenol	12.24	107	297115	44.262	ng	97
37) 2-Methylnaphthalene	12.62	142	505868	42.256	ng	98
38) 1-Methylnaphthalene	12.84	142	483789	41.345	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	338851	42.604	ng	99

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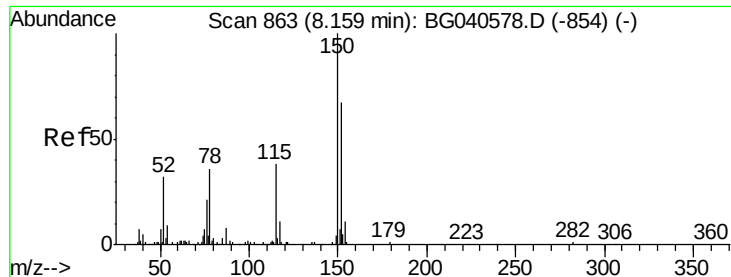
Manual Integrations
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 4/30/2019 6:44:39 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	285857	60.909	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	226598	47.146	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	245989	46.982	ng	98
46) 1,1'-Biphenyl	13.62	154	672478	40.568	ng	95
47) 2-Chloronaphthalene	13.67	162	540549	41.669	ng	99
48) 2-Nitroaniline	13.88	65	237217	51.371	ng	98
49) Acenaphthylene	14.51	152	850122	38.625	ng	99
50) Dimethylphthalate	14.23	163	737509	41.286	ng	99
51) 2,6-Dinitrotoluene	14.36	165	165354	47.429	ng	94
52) Acenaphthene	14.85	154	515072	40.185	ng	95
53) 3-Nitroaniline	14.69	138	136850	38.310	ng #	96
54) 2,4-Dinitrophenol	14.90	184	208111	103.574	ng #	79
55) Dibenzofuran	15.18	168	872698	41.568	ng	97
56) 4-Nitrophenol	14.99	139	300732	97.089	ng	98
57) 2,4-Dinitrotoluene	15.14	165	243496	51.399	ng	97
58) Fluorene	15.83	166	703938	41.484	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	260231	49.380	ng	100
60) Diethylphthalate	15.59	149	790505	41.943	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	425138	43.078	ng	98
62) 4-Nitroaniline	15.86	138	182901	45.772	ng	99
63) Azobenzene	16.11	77	793052	40.858	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	138317	48.154	ng	98
66) n-Nitrosodiphenylamine	16.03	169	655143	38.220	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	283274	39.025	ng	96
68) Hexachlorobenzene	16.82	284	301310	40.145	ng	97
69) Atrazine	16.97	200	257882	37.972	ng	97
70) Pentachlorophenol	17.17	266	412793	93.987	ng	97
71) Phenanthrene	17.57	178	1248039	39.770	ng	96
72) Anthracene	17.66	178	1272304	40.334	ng	98
73) Carbazole	17.94	167	1181818	41.122	ng	98
74) Di-n-butylphthalate	18.47	149	1419748	40.930	ng	97
75) Fluoranthene	19.57	202	1645709	42.082	ng	98
77) Benzidine	19.75	184	339697	18.631	ng	98
78) Pyrene	19.94	202	1601280	38.367	ng	95
80) Butylbenzylphthalate	20.81	149	677538	41.652	ng	98
81) Benzo(a)anthracene	21.80	228	1624581	38.602	ng	97
82) 3,3'-Dichlorobenzidine	21.71	252	512312	34.154	ng	99
83) Chrysene	21.87	228	1589152	39.705	ng	96
84) Bis(2-ethylhexyl)phthalate	21.68	149	940568	40.057	ng	95
85) Di-n-octyl phthalate	22.95	149	1598789	40.430	ng	99
86) Indeno(1,2,3-cd)pyrene	29.09	276	1984972	41.019	ng #	91
88) Benzo(b)fluoranthene	24.12	252	1684540	56.398	ng	98
89) Benzo(k)fluoranthene	24.19	252	1639251	58.766	ng	97
90) Benzo(a)pyrene	25.04	252	1636043	57.865	ng	97
91) Dibenzo(a,h)anthracene	29.17	278	1649928	57.666	ng	96
92) Benzo(g,h,i)perylene	30.33	276	1649688	57.934	ng	98

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



#1

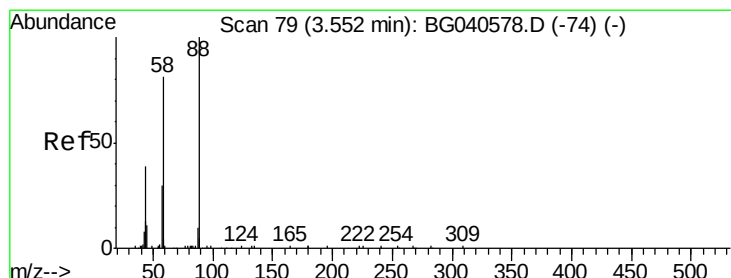
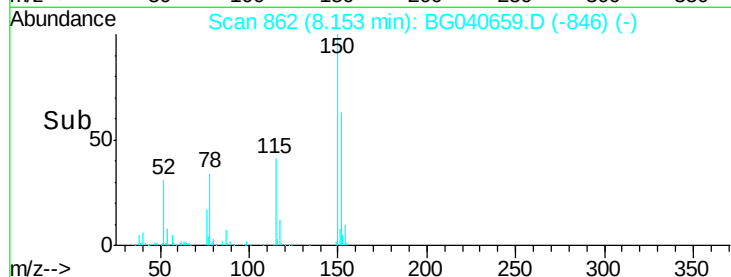
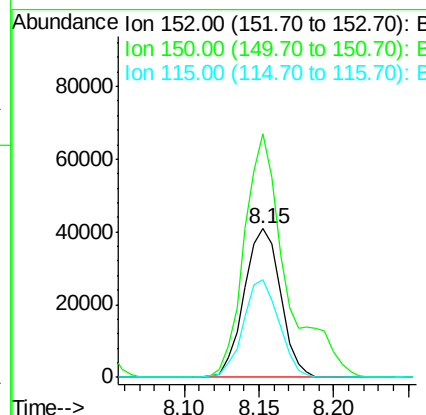
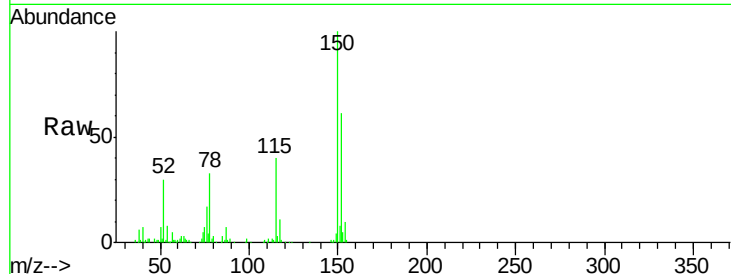
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB119233BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.7	120.2	180.2
115	65.4	46.2	69.2

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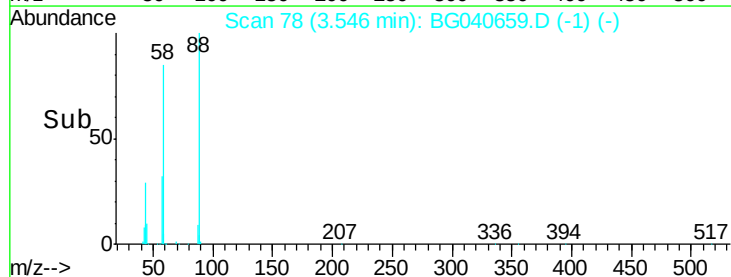
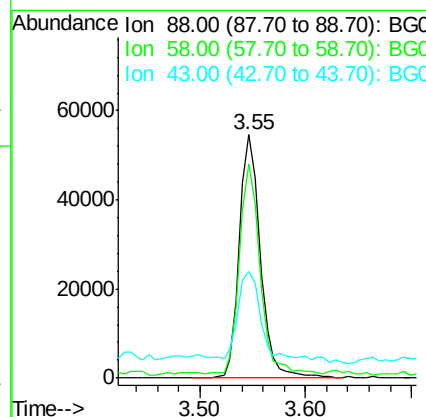
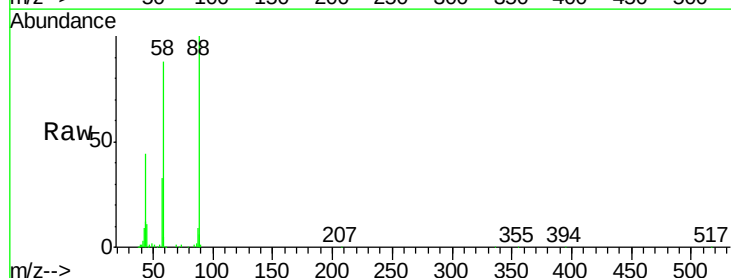
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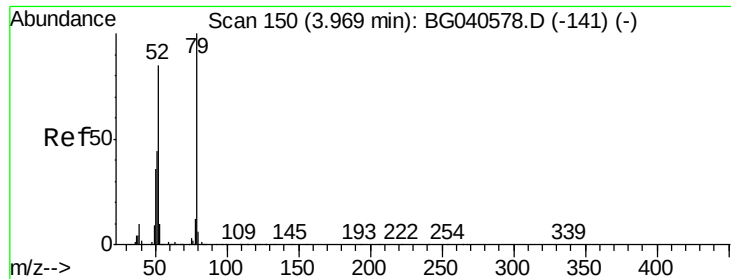


#2

1,4-Dioxane
Concen: 42.243 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	71.2	106.8
43	46.3	35.6	53.4





#3

Pyridine

Concen: 25.638 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

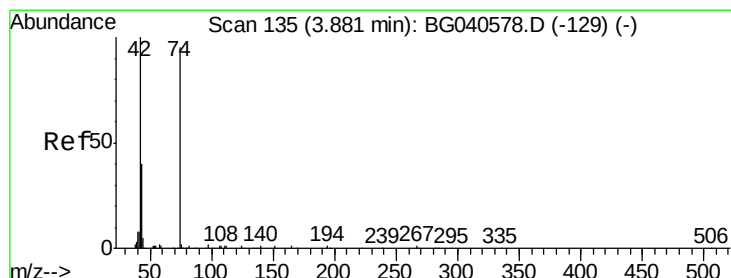
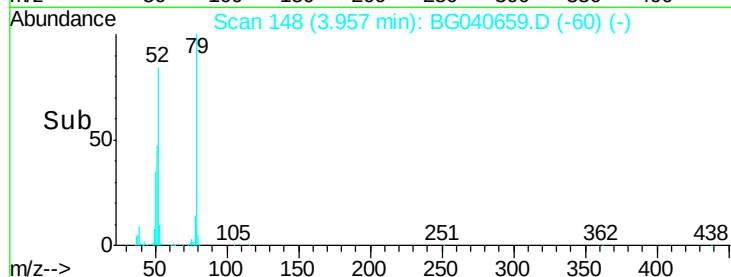
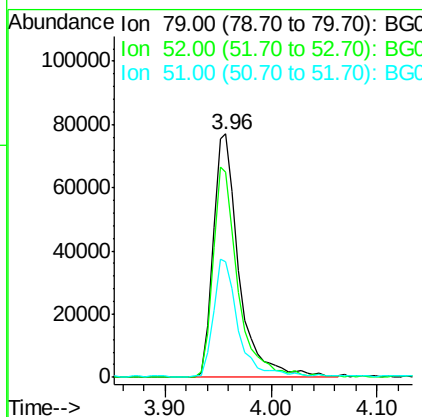
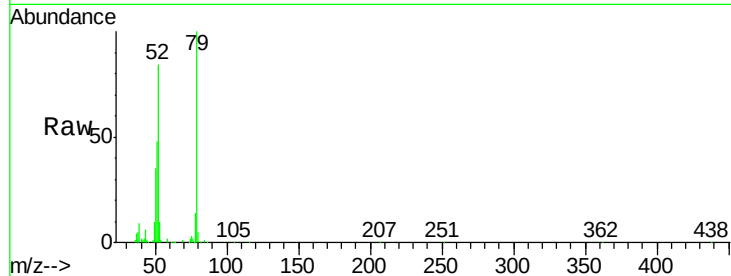
ClientSampled :

PB119233BS

Tgt Ion:	79	Resp:	132364
Ion	Ratio	Lower	Upper
79	100		
52	84.1	67.5	101.3
51	47.6	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 40.312 ng

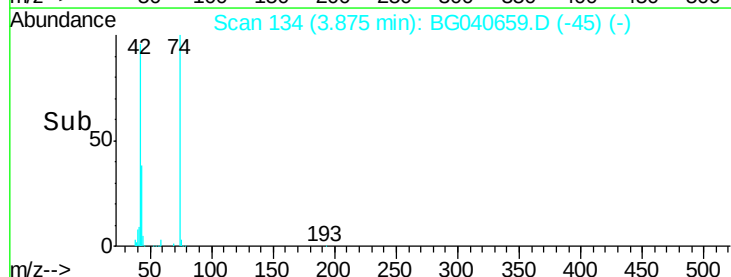
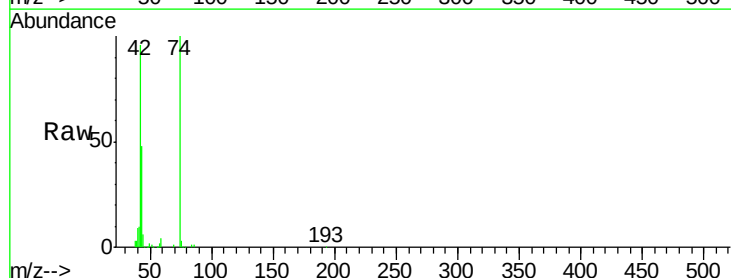
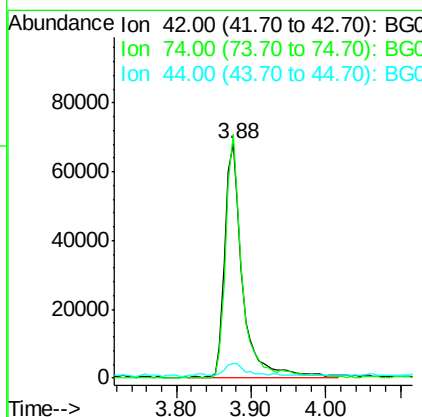
RT: 3.88 min Scan# 134

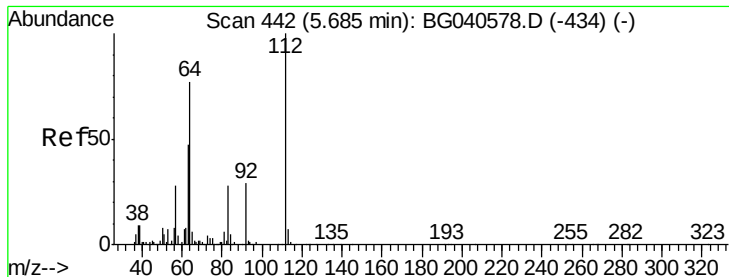
Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	42	Resp:	115437
Ion	Ratio	Lower	Upper
42	100		
74	103.9	74.6	111.8
44	6.2	7.4	11.0#





#5

2-Fluorophenol

Concen: 153.694 ng

RT: 5.68 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

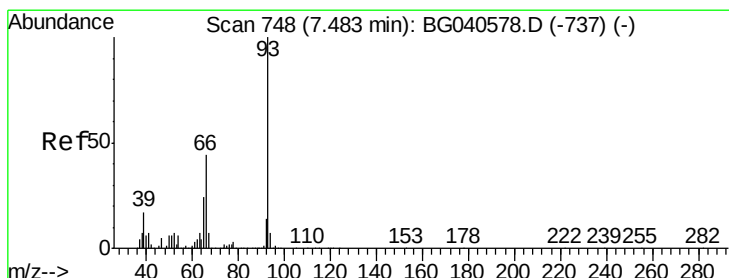
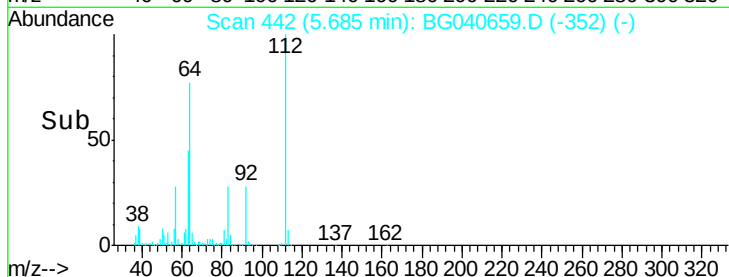
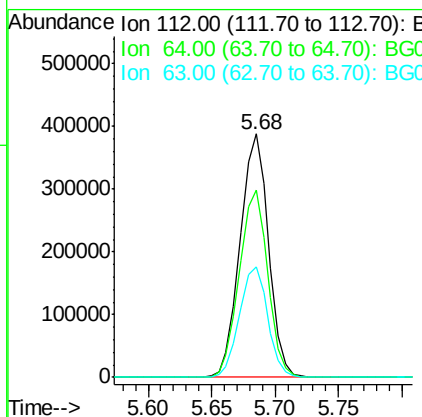
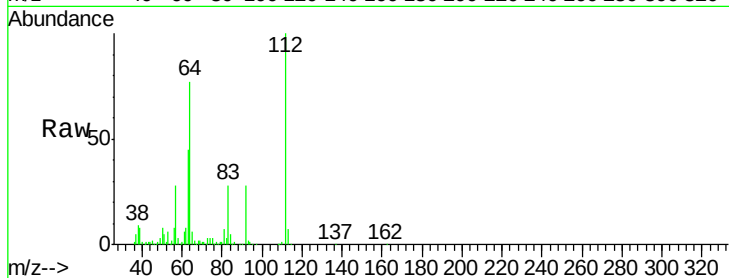
ClientSampled :

PB119233BS

Tgt Ion:	112	Resp:	601945
Ion Ratio	Lower	Upper	
112	100		
64	76.9	61.4	92.0
63	45.2	37.8	56.6

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#6

Aniline

Concen: 28.703 ng

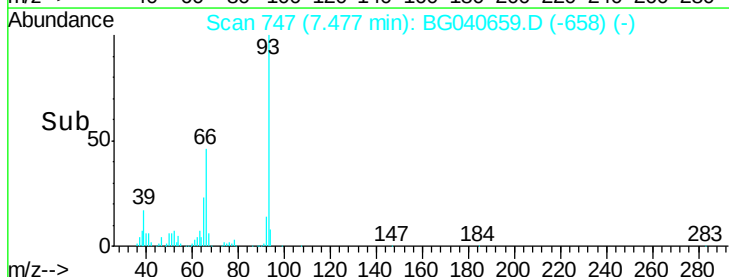
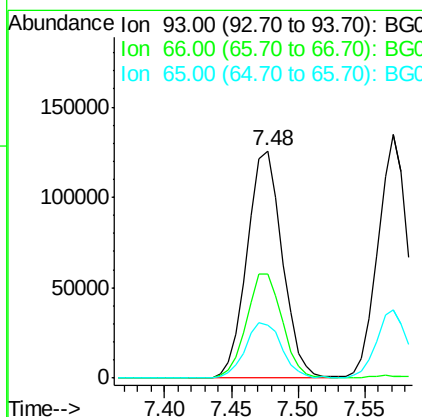
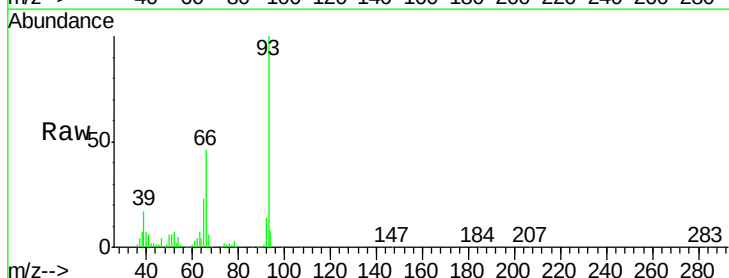
RT: 7.48 min Scan# 747

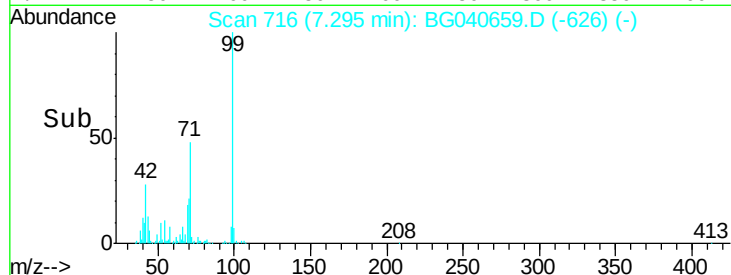
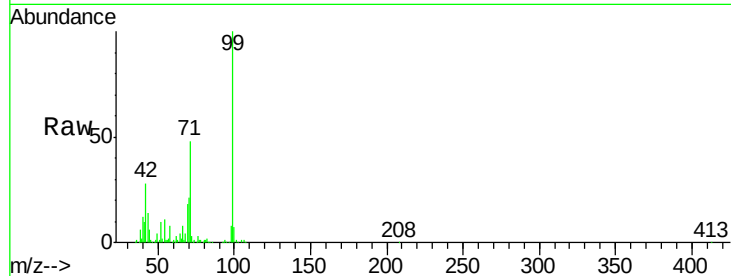
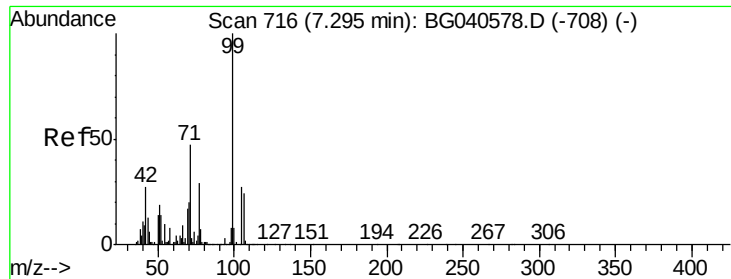
Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	93	Resp:	229423
Ion Ratio	Lower	Upper	
93	100		
66	45.6	35.5	53.3
65	23.4	19.2	28.8





#7

Phenol-d6

Concen: 143.412 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	99	Resp:	864822
Ion Ratio	Lower	Upper	
99	100		
42	27.7	21.8	32.8
71	48.3	38.6	57.8

Instrument :

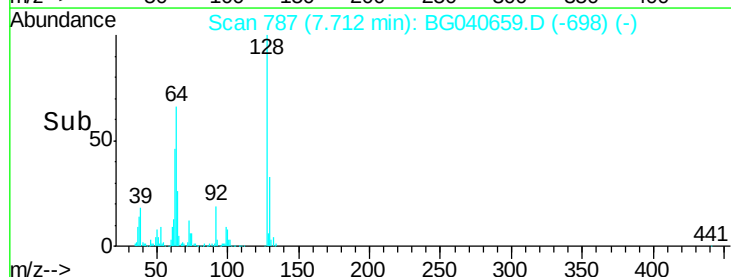
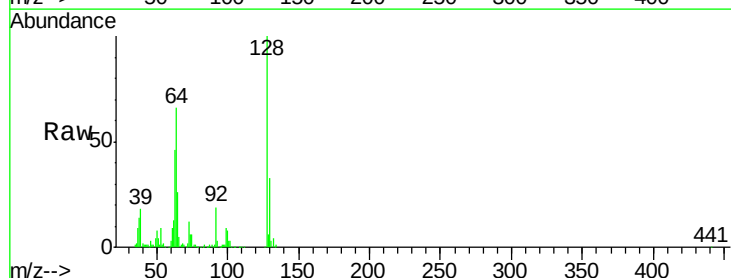
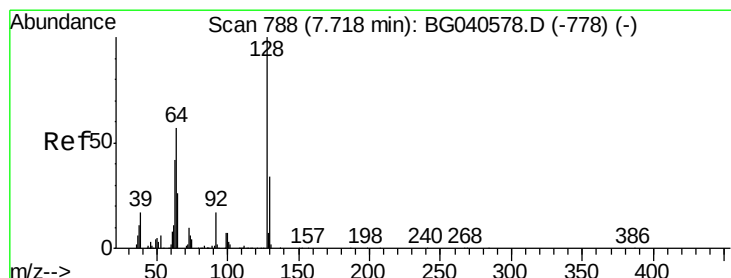
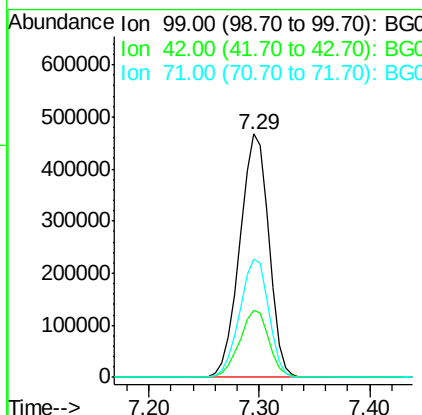
BNA_G

ClientSampleId :

PB119233BS

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#8

2-Chlorophenol

Concen: 45.384 ng

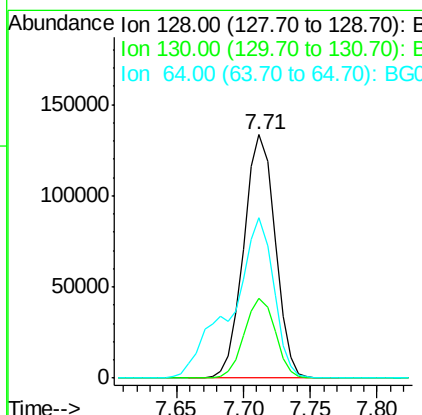
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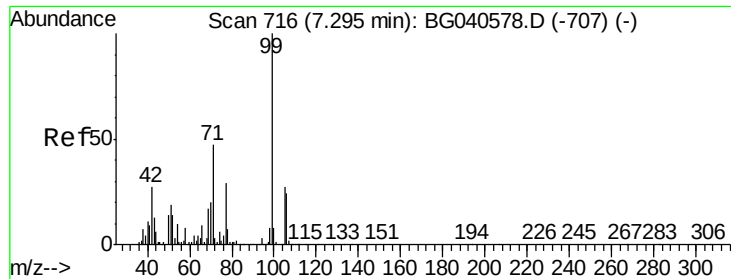
Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	128	Resp:	217038
Ion Ratio	Lower	Upper	
128	100		
130	32.8	14.5	54.5
64	65.9	38.4	78.4





#9

Benzaldehyde

Concen: 2.948 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

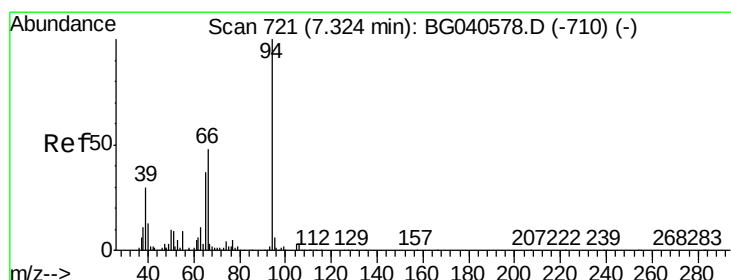
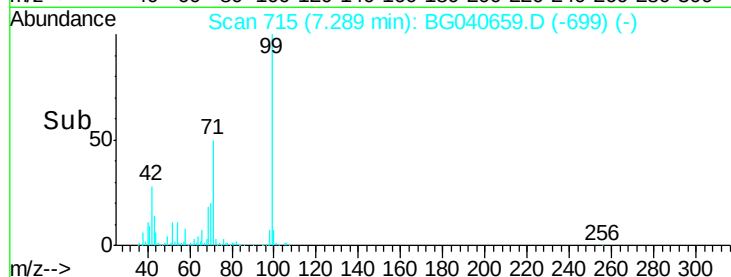
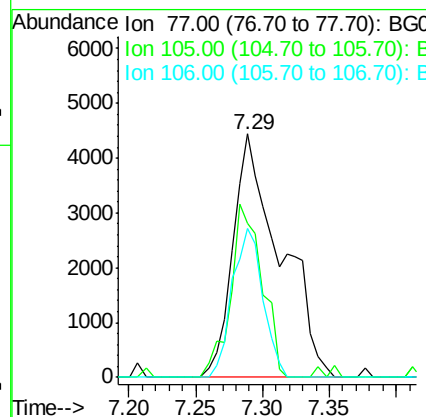
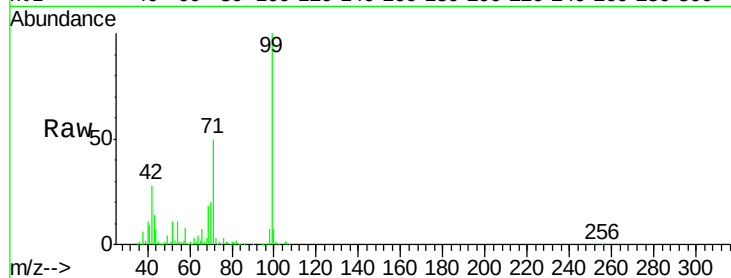
ClientSampleId :

PB119233BS

Tgt Ion:	77	Resp:	11022
Ion Ratio	Lower	Upper	
77	100		
105	63.2	72.0	112.0#
106	60.9	61.2	101.2#

Manual Integrations
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#10

Phenol

Concen: 47.165 ng

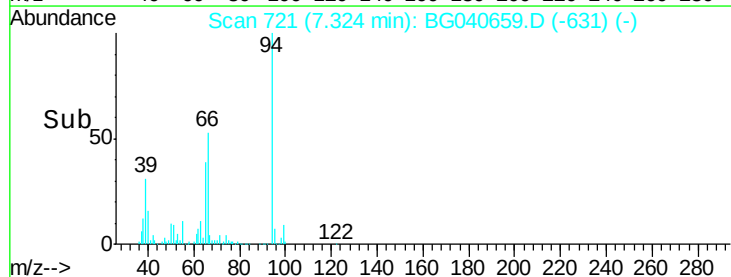
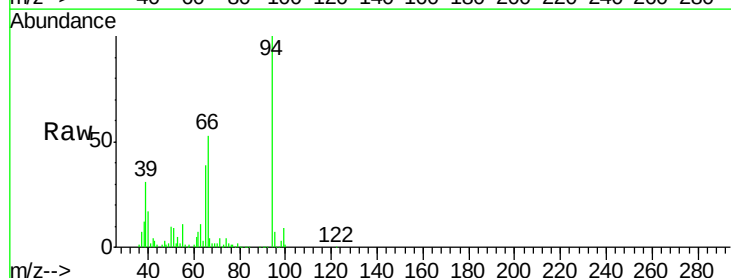
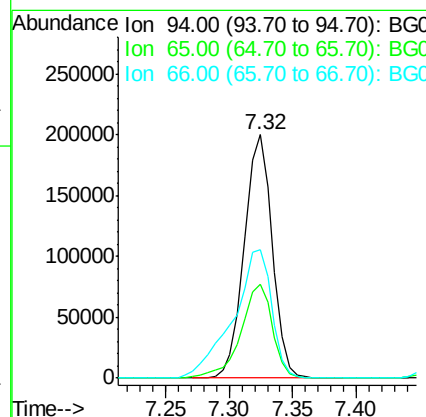
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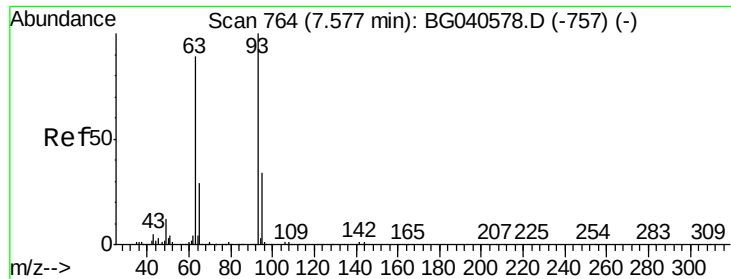
Delta R.T. -0.00 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	94	Resp:	305737
Ion Ratio	Lower	Upper	
94	100		
65	38.5	17.0	57.0
66	53.0	28.6	68.6





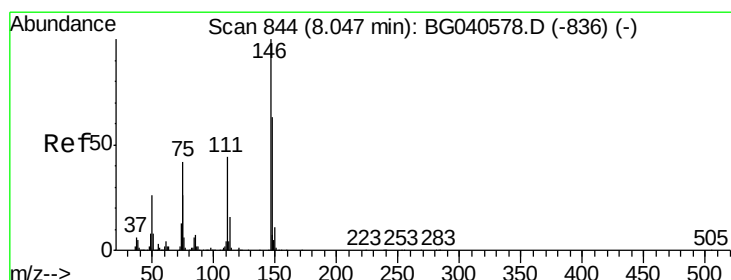
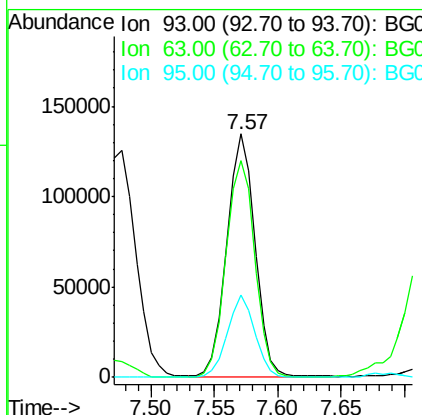
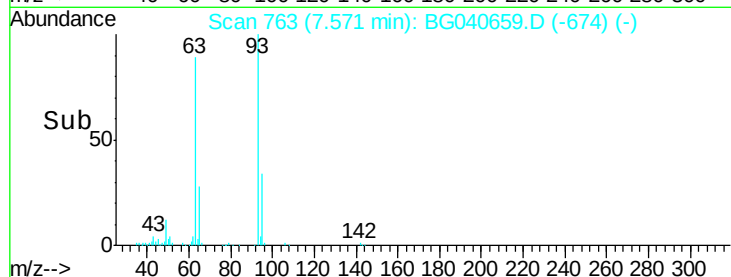
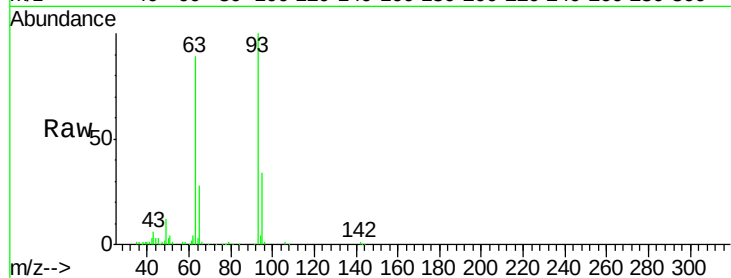
#11
bis(2-Chloroethyl)ether
Concen: 42.637 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	207259		
63	89.2	68.2	108.2	
95	33.6	14.3	54.3	

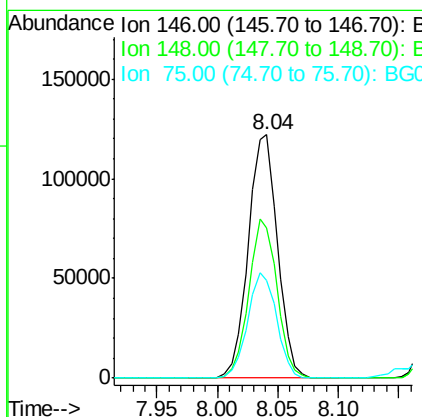
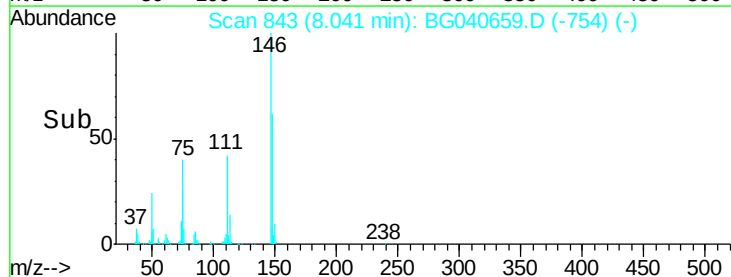
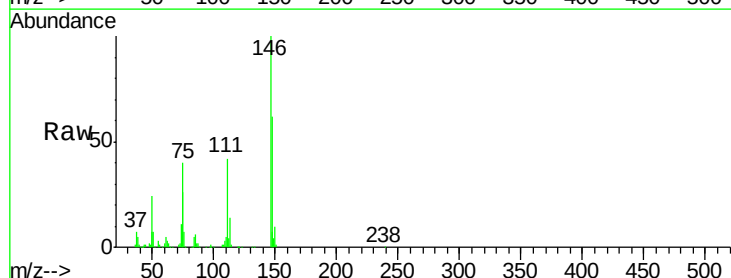
Manual Integrations
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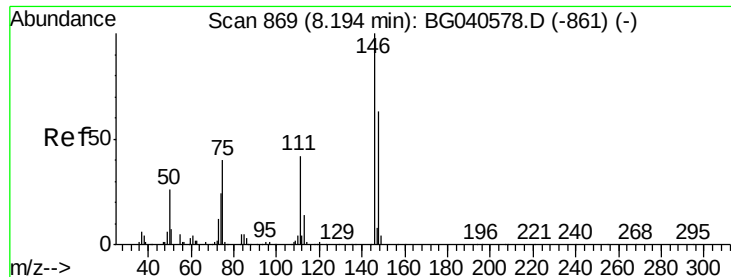
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.620 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	206806		
148	61.7	50.7	76.1	
75	40.4	33.4	50.2	





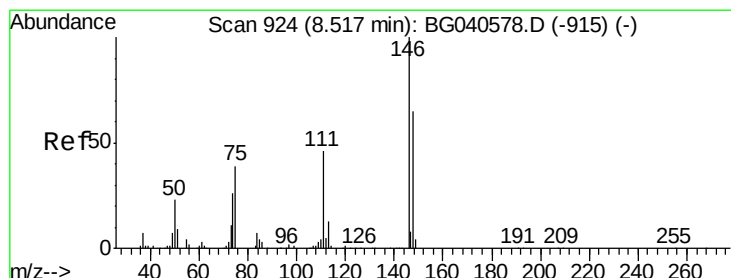
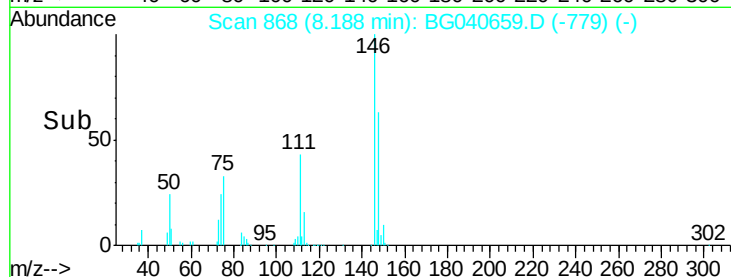
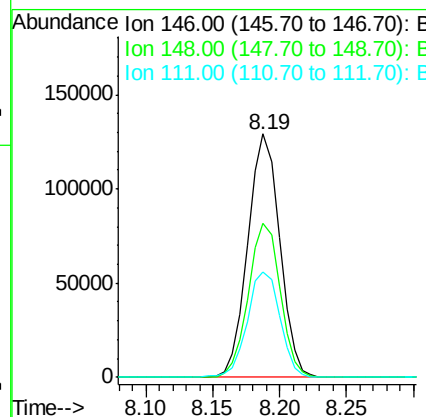
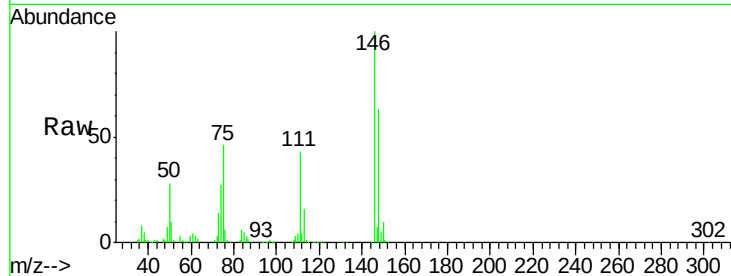
#13
1,4-Dichlorobenzene
Concen: 40.147 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	212433		
148	63.1	50.6	75.8	
111	43.4	34.3	51.5	

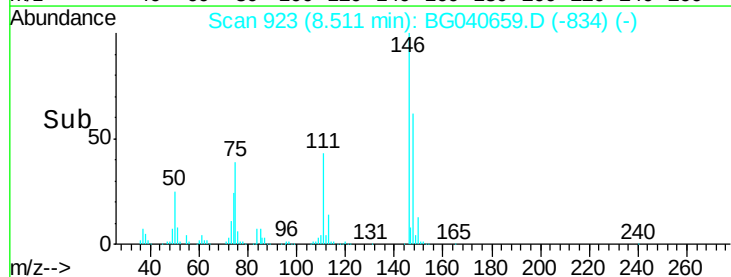
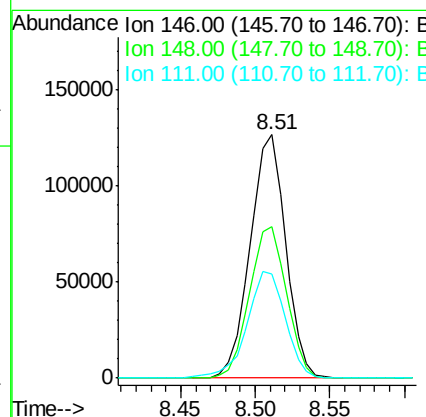
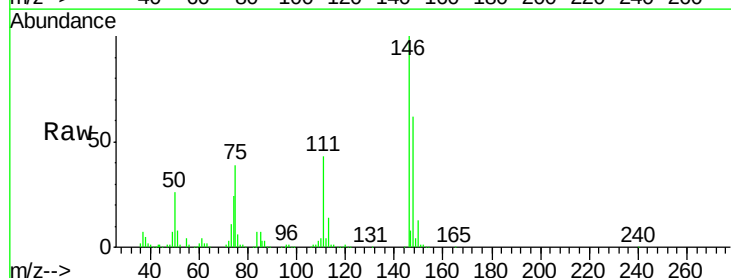
Manual Integrations
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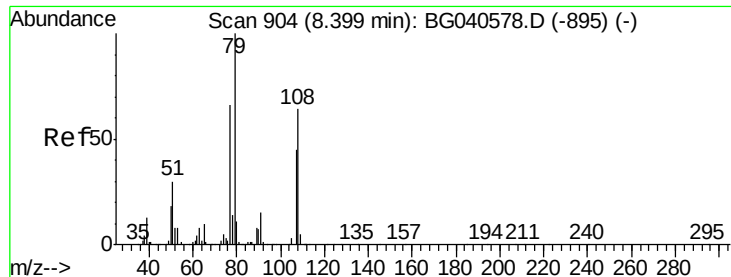
Sohil
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#14
1,2-Dichlorobenzene
Concen: 40.650 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	207434		
148	62.4	52.2	78.4	
111	43.0	37.4	56.0	





#15

Benzyl Alcohol

Concen: 42.703 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

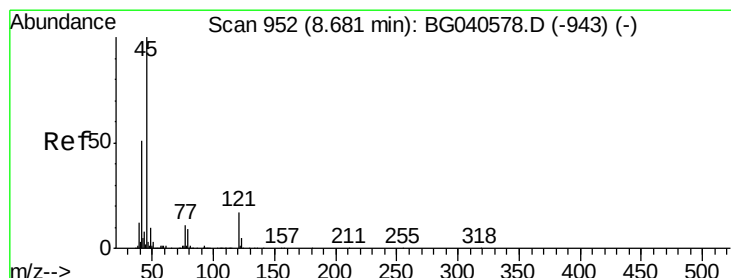
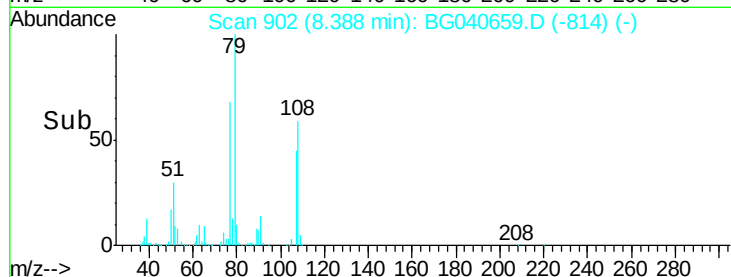
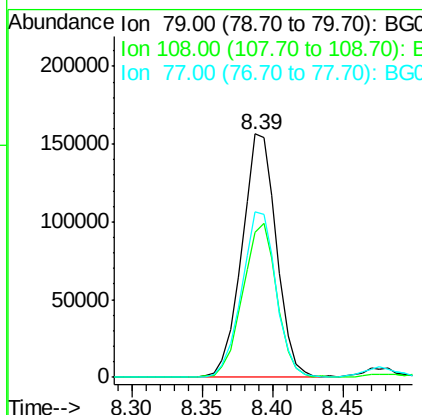
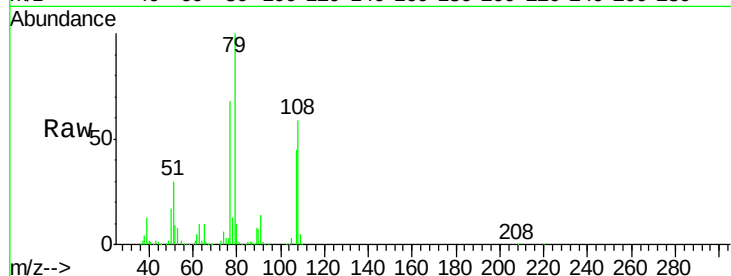
ClientSampleId :

PB119233BS

Tgt Ion:	79	Resp:	267945
Ion	Ratio	Lower	Upper
79	100		
108	59.4	51.4	77.0
77	68.1	52.6	79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.833 ng

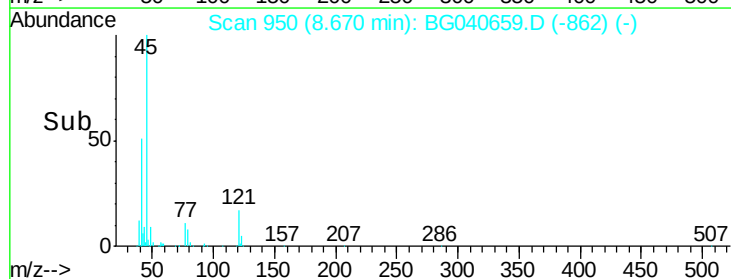
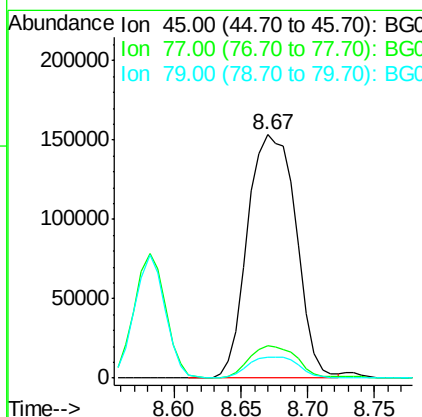
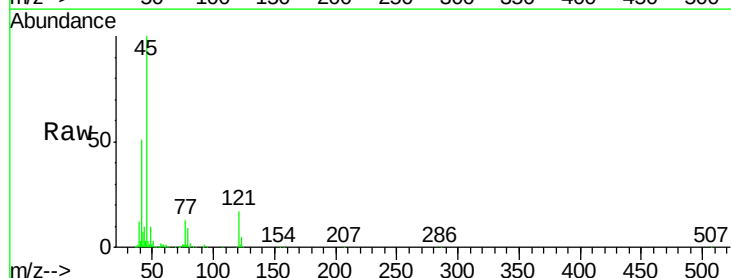
RT: 8.67 min Scan# 950

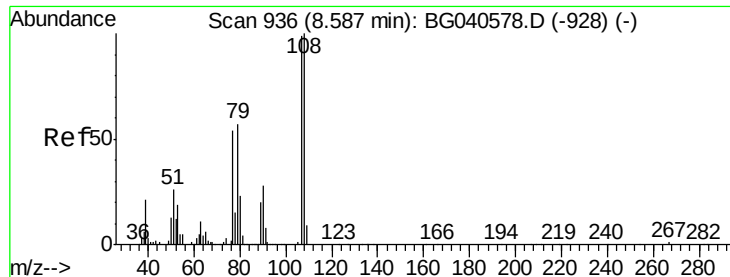
Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	45	Resp:	385497
Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	31.5
79	8.6	0.0	29.4





#17

2-Methylphenol

Concen: 46.522 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG040659.D

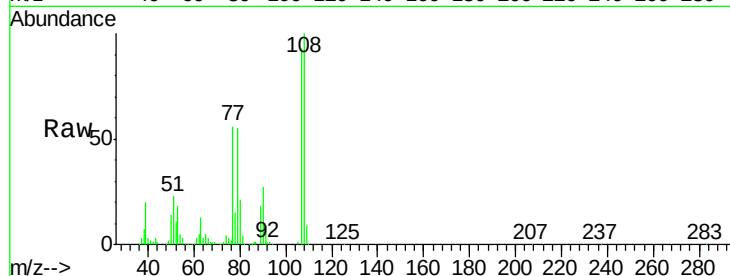
Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

ClientSampleId :

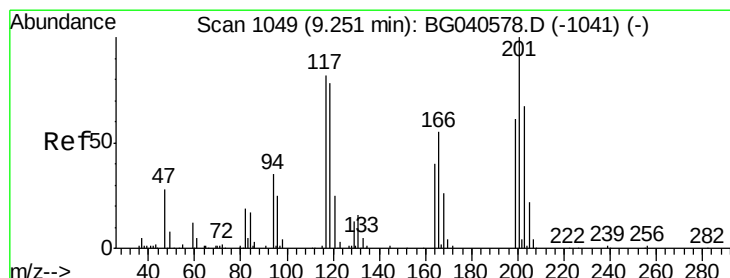
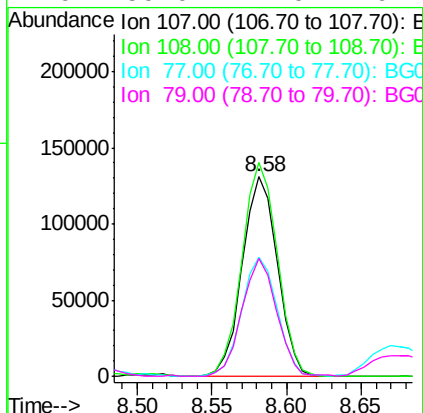
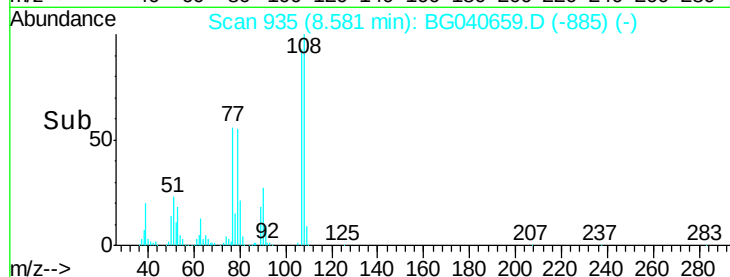
PB119233BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.1	81.2	121.8	
77	60.0	44.4	66.6	
79	59.0	47.0	70.4	

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#18

Hexachloroethane

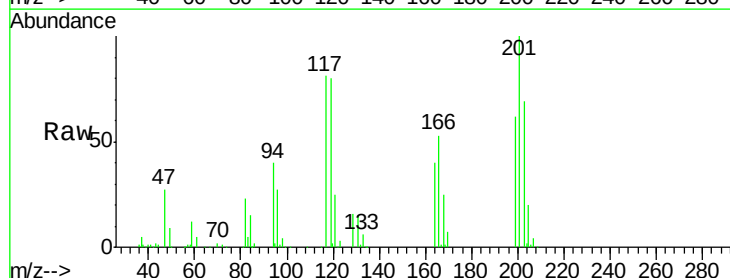
Concen: 37.976 ng

RT: 9.24 min Scan# 1047

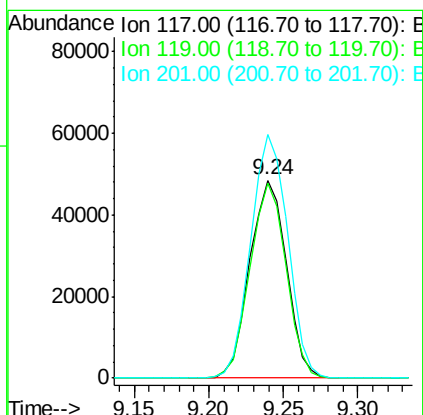
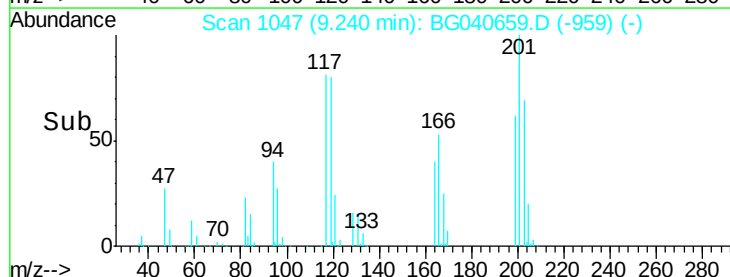
Delta R.T. -0.01 min

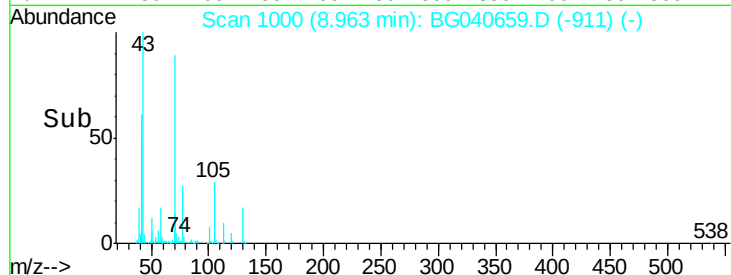
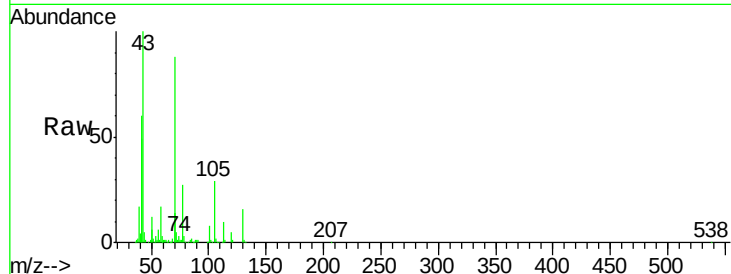
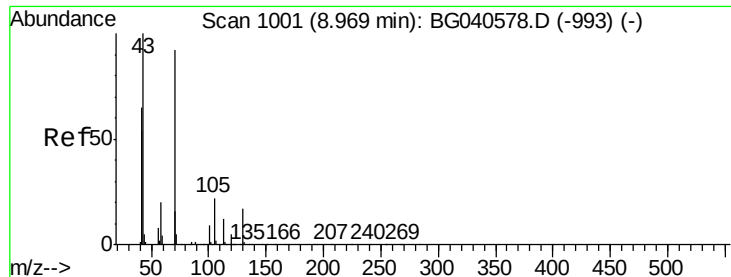
Lab File: BG040659.D

Acq: 29 Apr 2019 13:33



Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	76.6	114.8	
201	123.1	101.0	151.6	





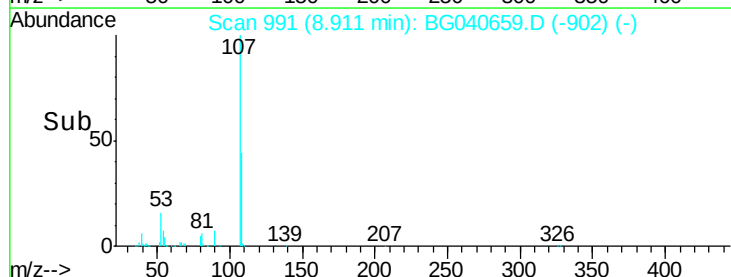
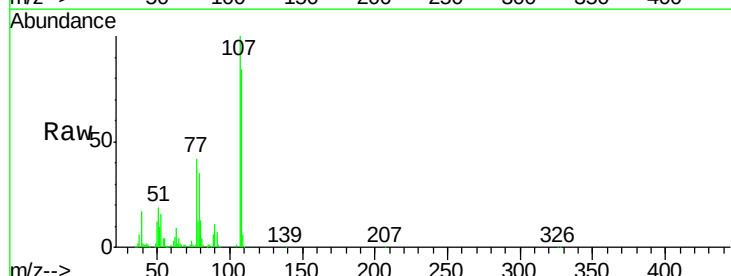
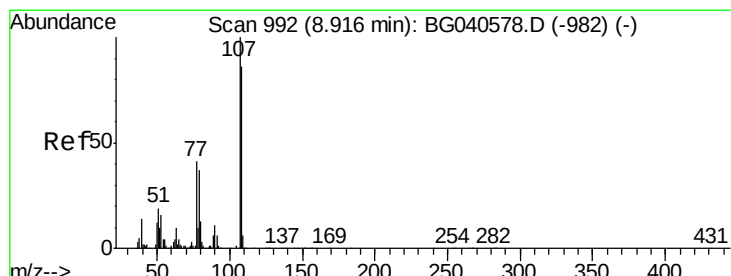
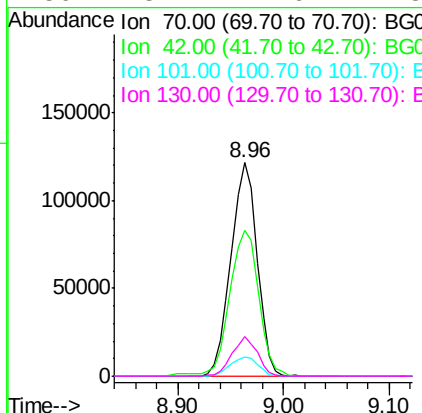
#19
n-Nitroso-di-n-propylamine
Concen: 38.427 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	208598		
42	68.5	57.1	85.7	
101	8.7	7.8	11.8	
130	18.7	14.6	21.8	

Instrument :
BNA_G
ClientSampleId :
PB119233BS

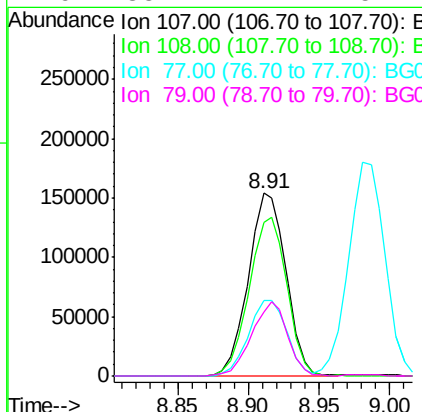
Manual Integrations
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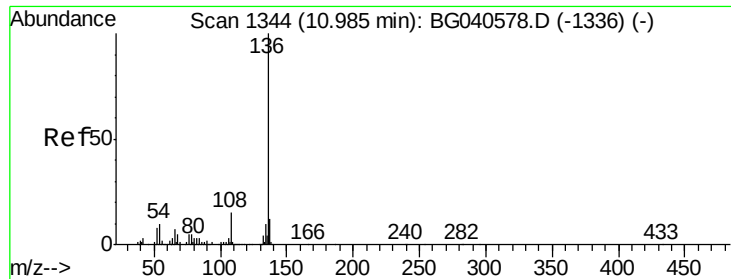
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#20
3+4-Methylphenols
Concen: 45.080 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	288088		
108	83.9	66.1	106.1	
77	41.6	21.6	61.6	
79	35.2	17.4	57.4	





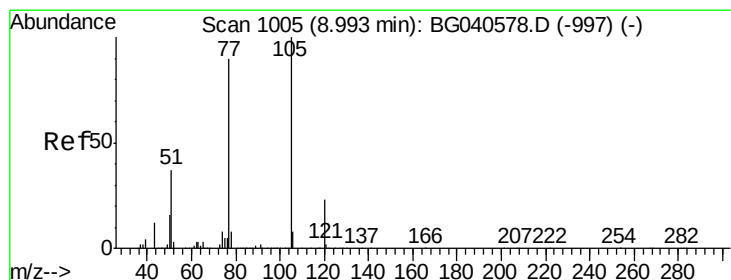
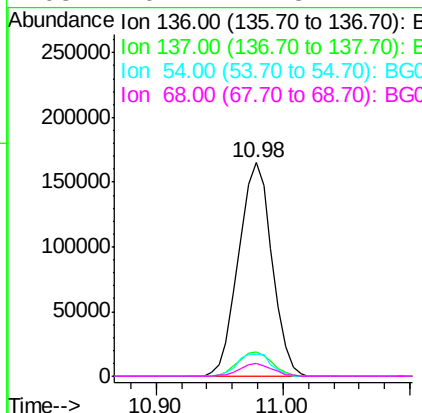
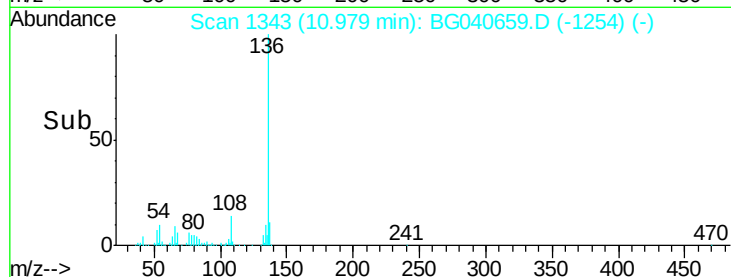
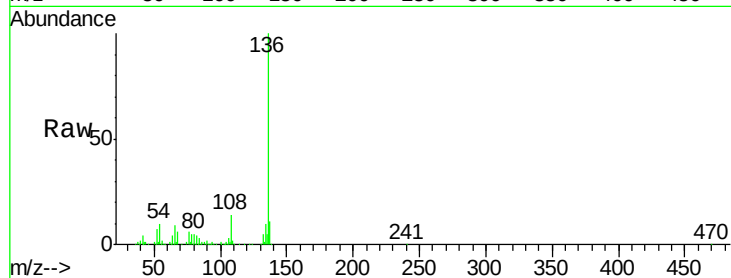
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	301381		
137	11.3	9.7	14.5	
54	10.3	8.6	12.8	
68	6.1	4.8	7.2	

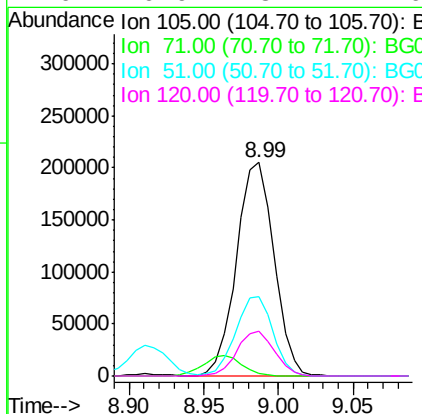
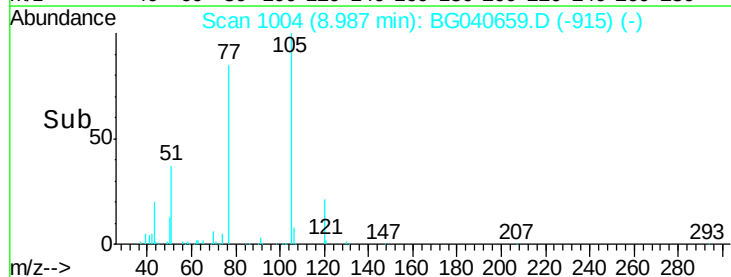
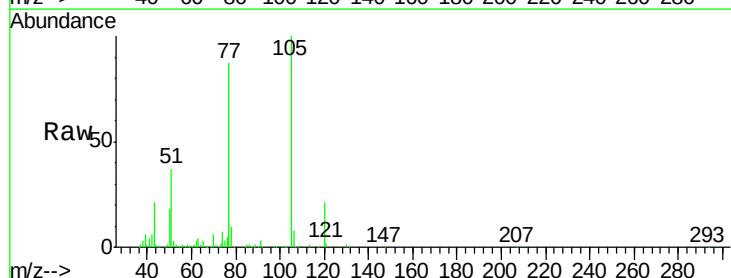
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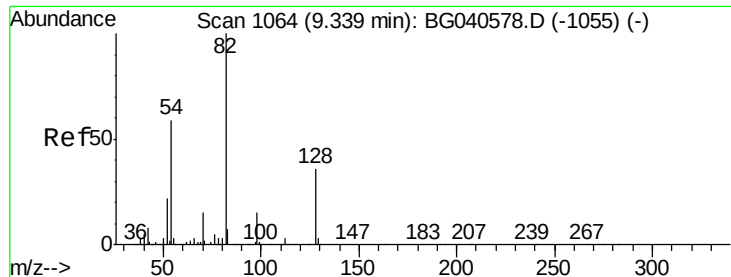
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#22
Acetophenone
Concen: 42.748 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	358256		
71	1.1	1.8	2.8#	
51	37.4	29.8	44.8	
120	20.9	18.4	27.6	





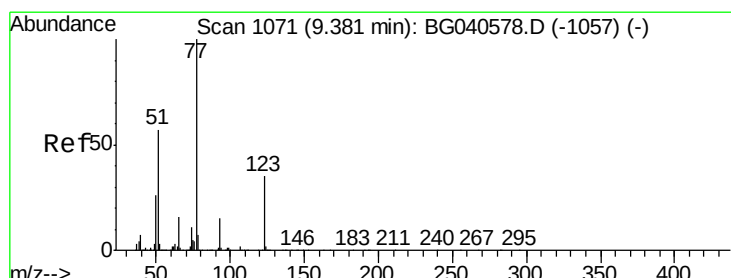
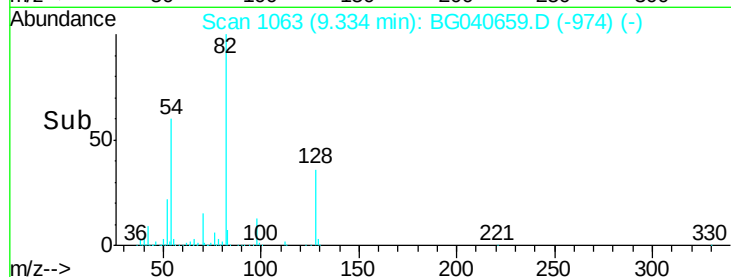
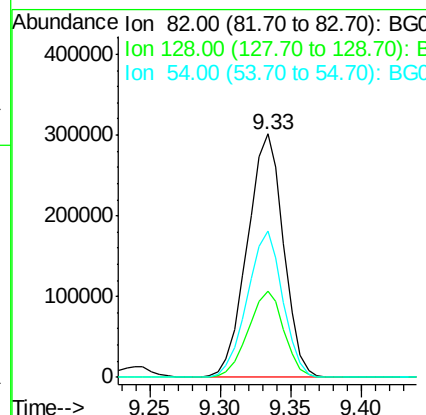
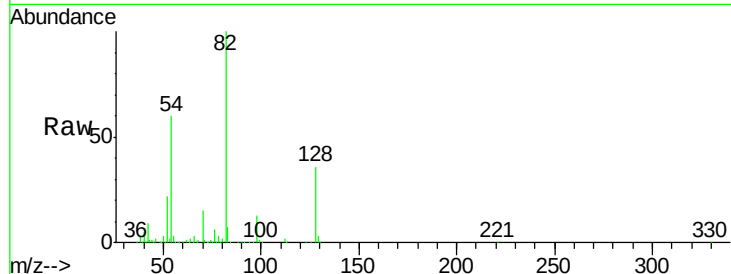
#23
 Nitrobenzene-d5
 Concen: 83.071 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	541835		
128	35.6	28.9	43.3	
54	59.9	47.2	70.8	

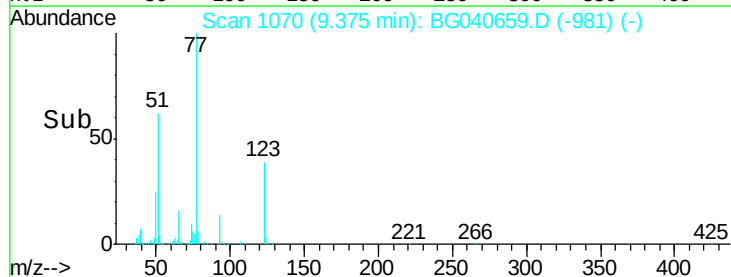
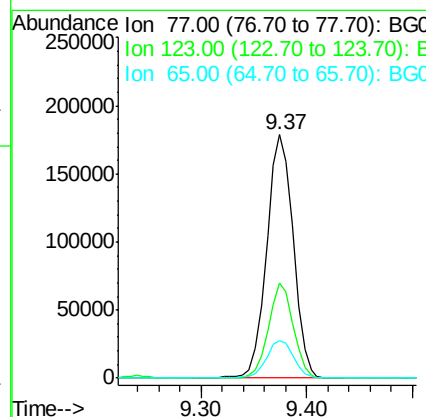
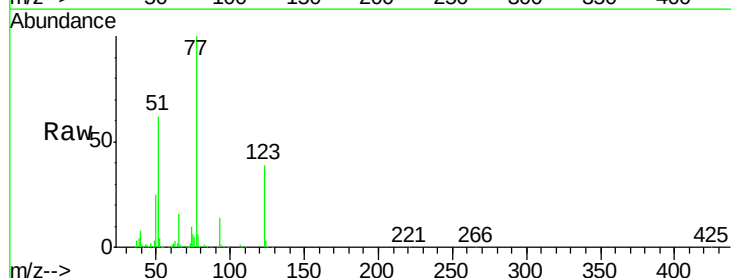
Manual Integrations
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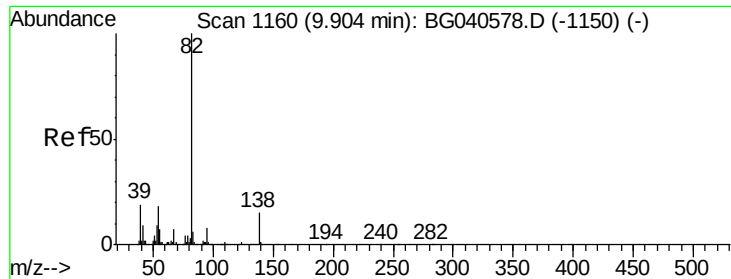
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#24
 Nitrobenzene
 Concen: 44.712 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	311161		
123	39.1	27.8	41.6	
65	15.5	12.4	18.6	





#25

Isophorone

Concen: 39.914 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

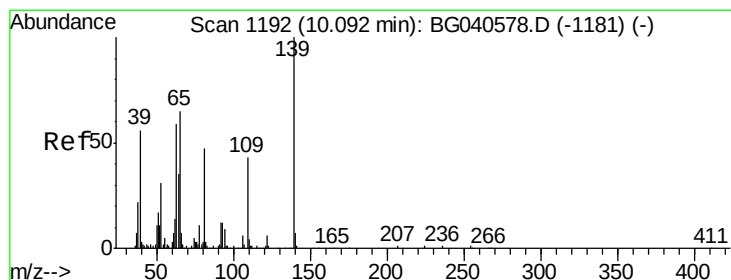
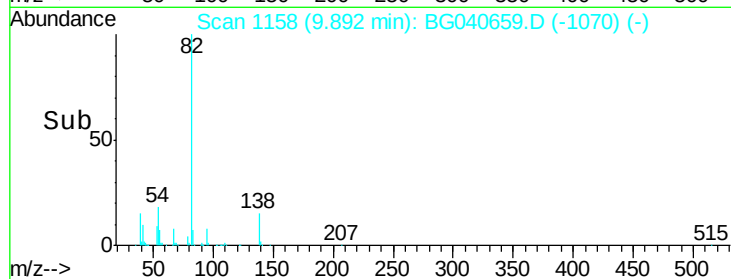
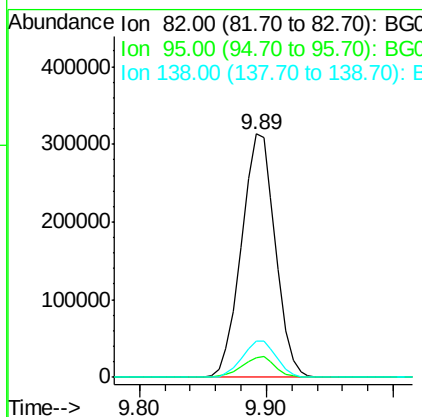
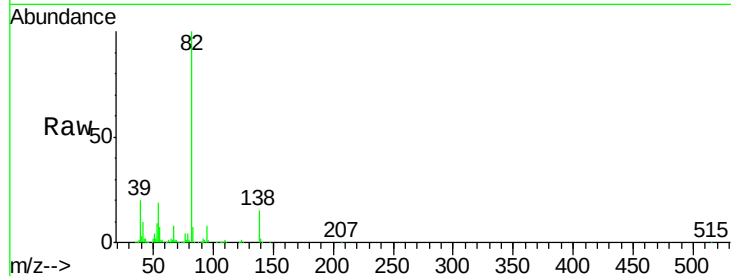
ClientSampleId :

PB119233BS

Tgt Ion	82	95	138
Ratio	100	8.3	15.0
Lower		6.9	12.3
Upper		10.3	18.5

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#26

2-Nitrophenol

Concen: 48.465 ng

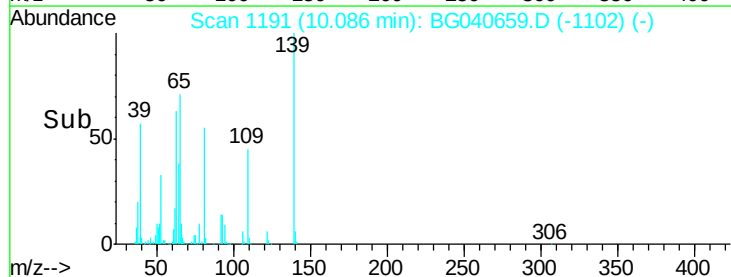
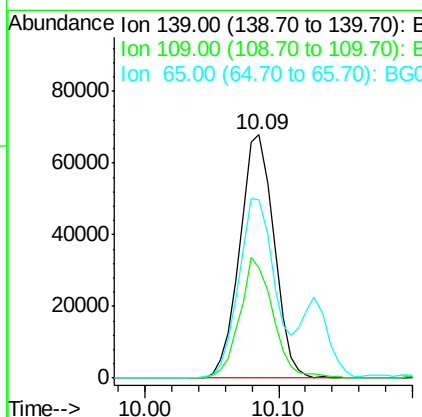
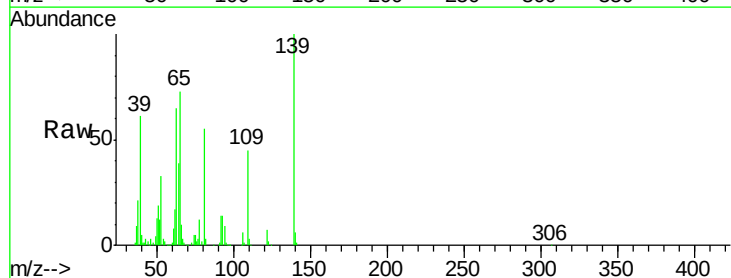
RT: 10.09 min Scan# 1191

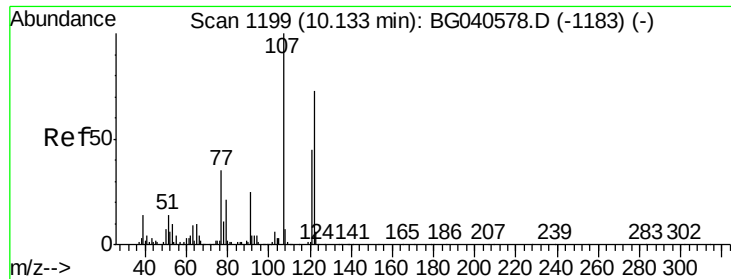
Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion	139	109	65
Ratio	100	45.3	73.2
Lower		35.6	52.3
Upper		53.4	78.5





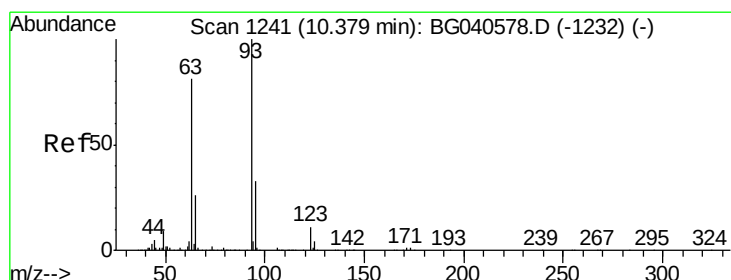
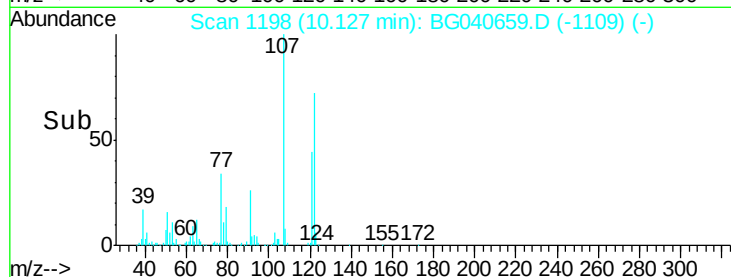
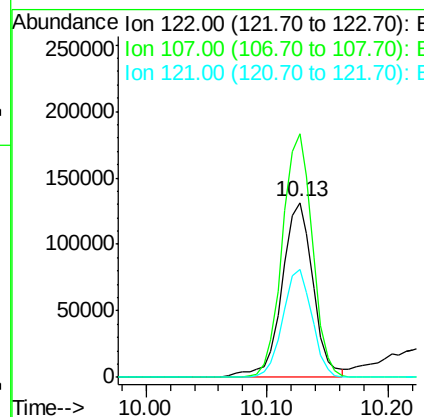
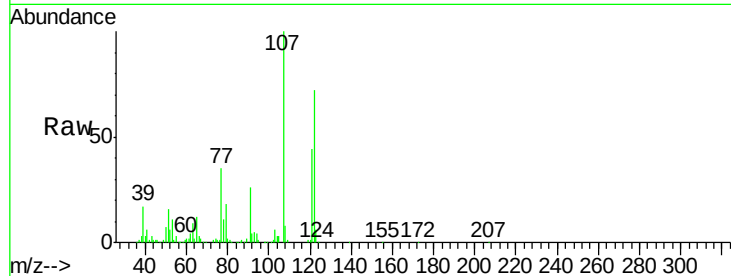
#27
 2,4-Dimethylphenol
 Concen: 50.078 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Instrument :
 BNA_G
 ClientSampled :
 PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	234390		
107	139.3	110.1	165.1	
121	62.0	49.4	74.0	

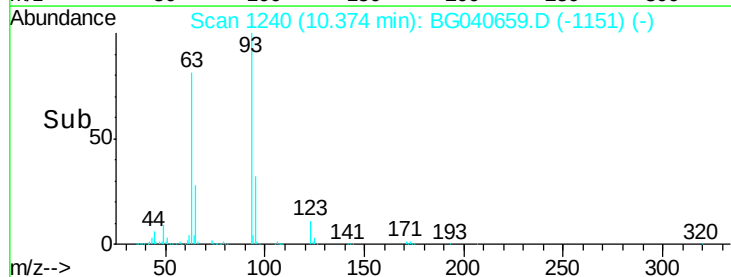
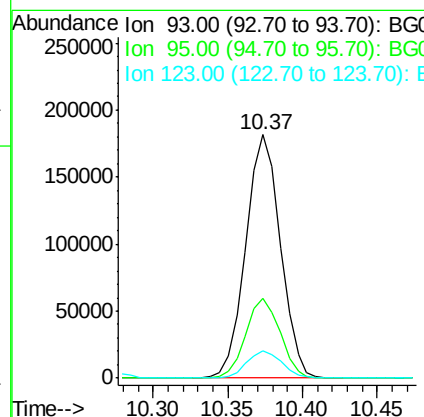
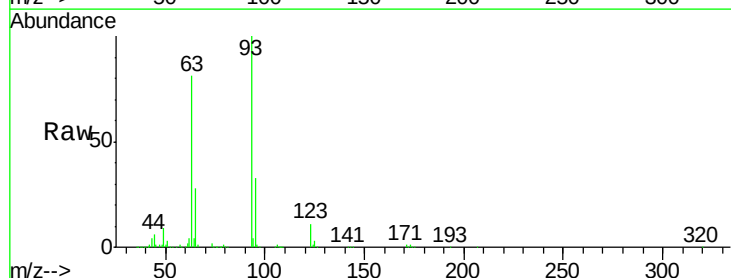
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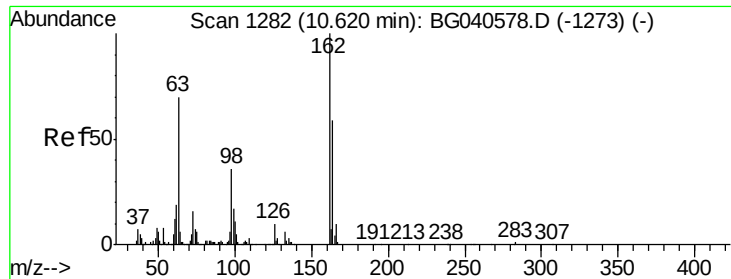
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.007 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	291627		
95	32.6	26.6	40.0	
123	11.0	9.0	13.4	





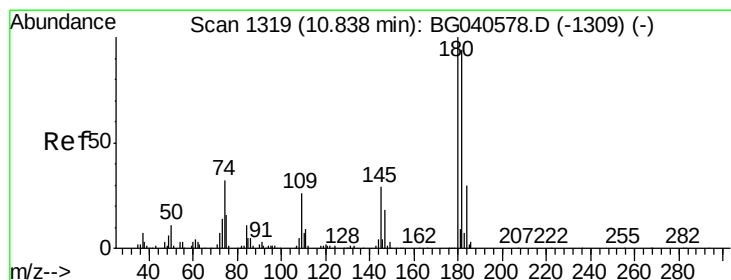
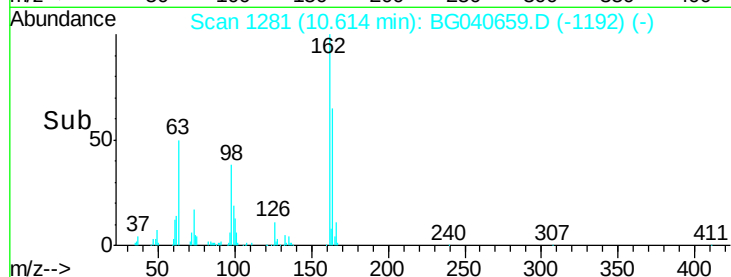
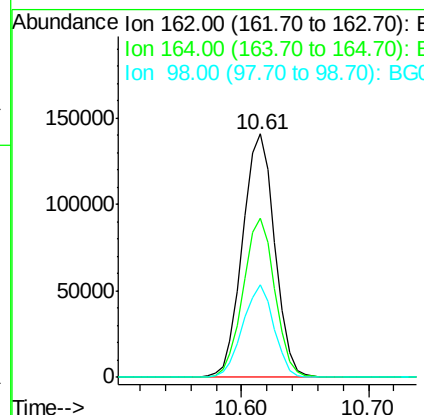
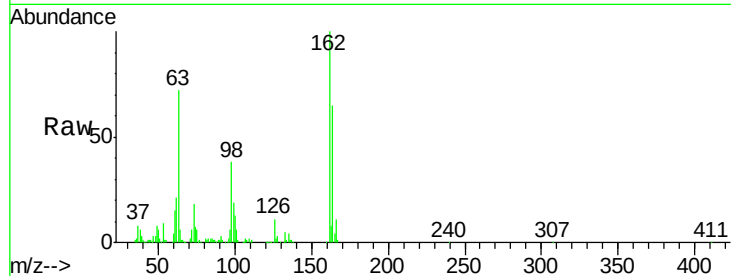
#29
2,4-Dichlorophenol
Concen: 46.634 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB119233BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.2	38.9	78.9
98	37.9	16.8	56.8

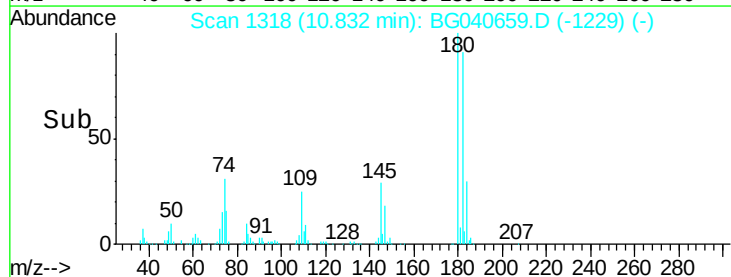
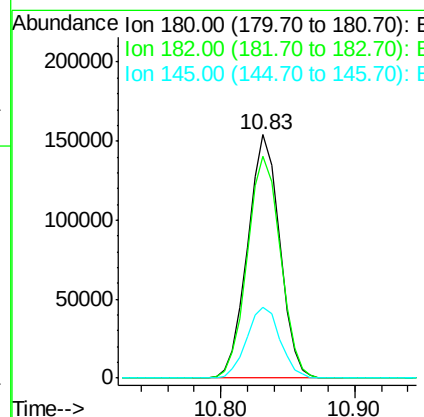
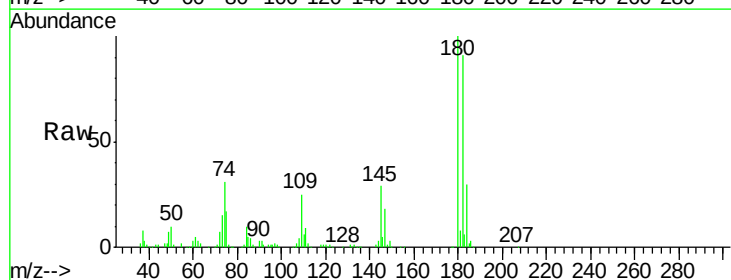
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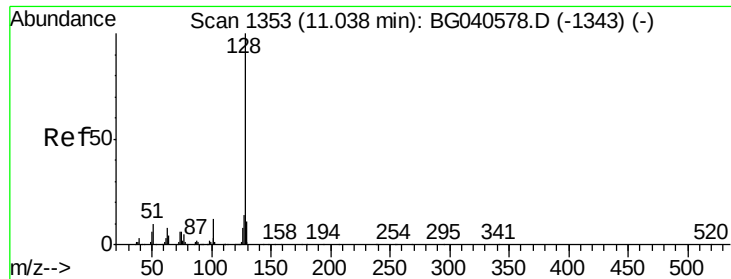
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#30
1,2,4-Trichlorobenzene
Concen: 43.189 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.2	75.2	112.8
145	28.9	23.6	35.4





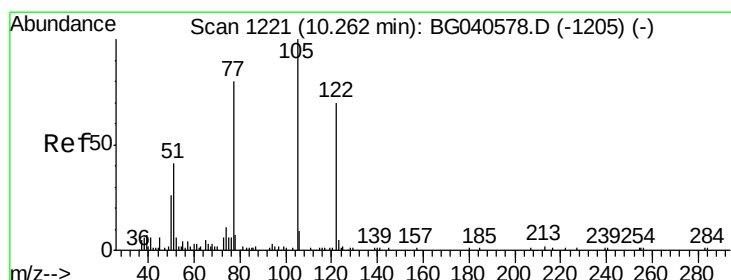
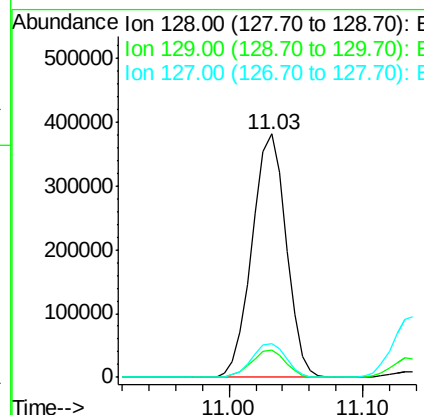
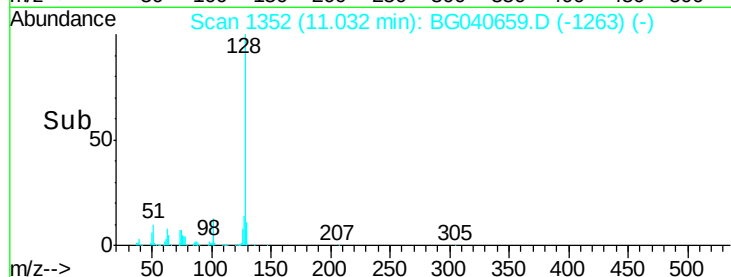
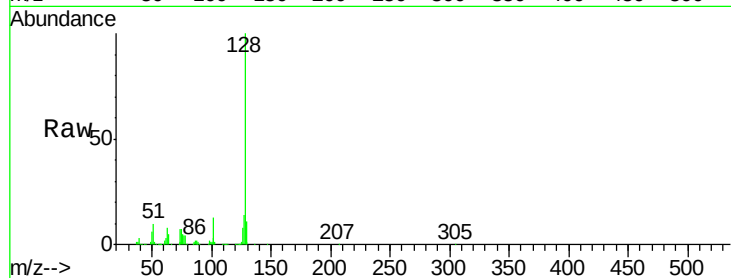
#31
Naphthalene
Concen: 41.930 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	671355		
129	11.2	9.0	13.6	
127	13.7	11.3	16.9	

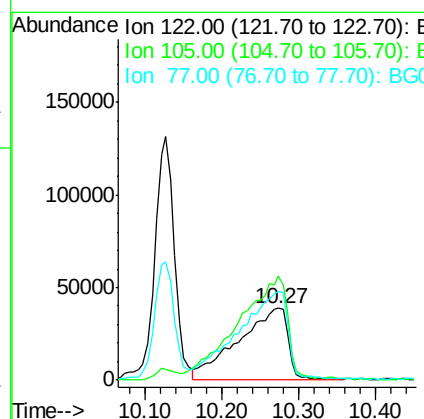
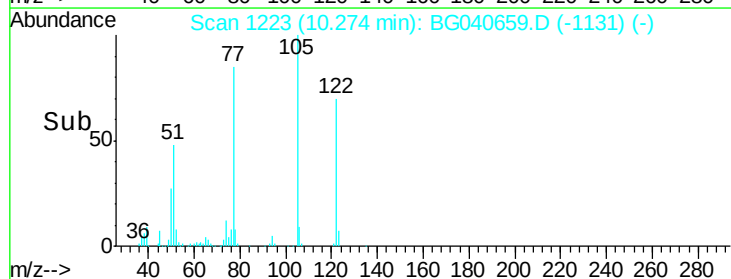
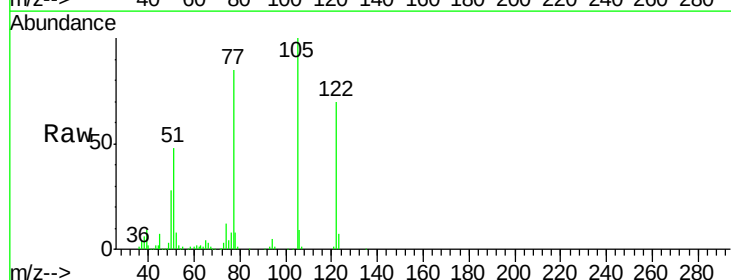
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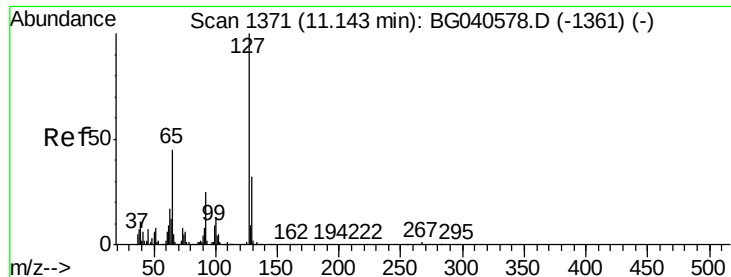
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#32
Benzoic acid
Concen: 53.992 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	173000		
105	143.8	110.9	150.9	
77	122.8	87.6	127.6	





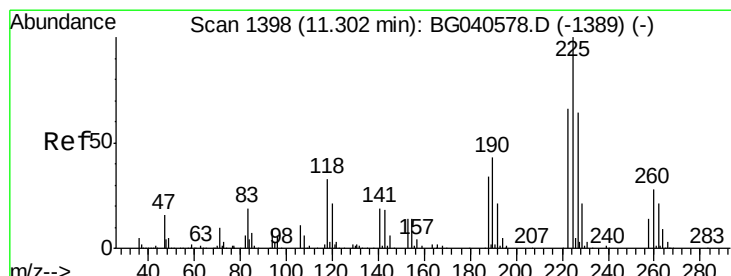
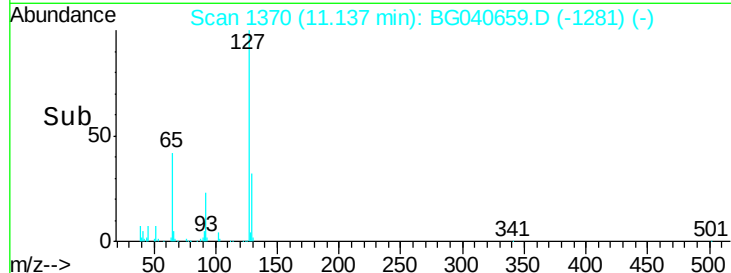
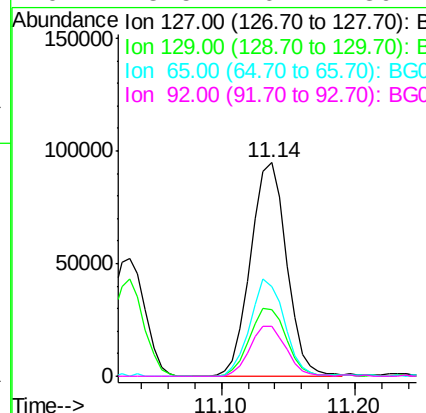
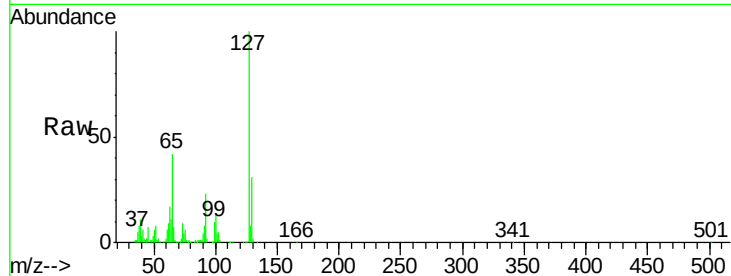
#33
4-Chloroaniline
Concen: 24.939 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Instrument :
BNA_G
ClientSampled :
PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	177047		
129	31.3	25.7	38.5	
65	41.7	36.1	54.1	
92	23.5	20.1	30.1	

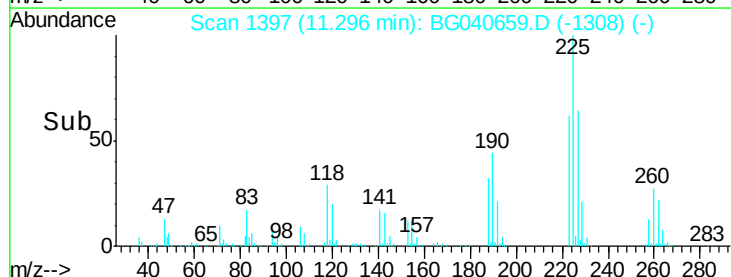
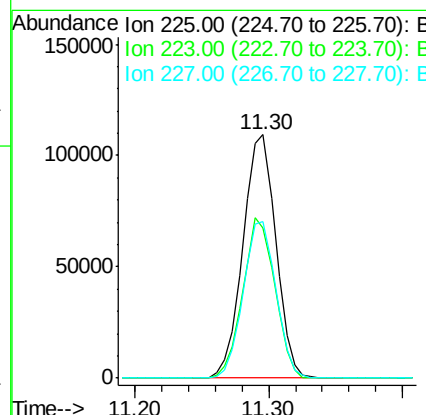
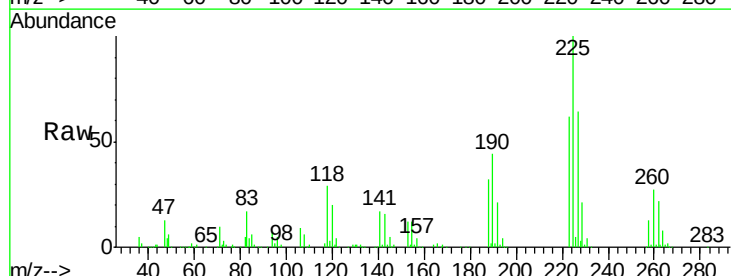
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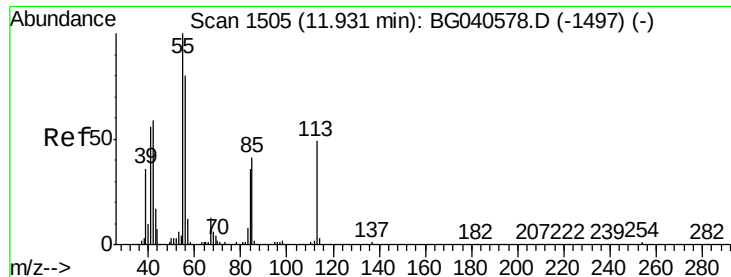
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#34
Hexachlorobutadiene
Concen: 42.656 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	185824		
223	61.8	50.4	75.6	
227	64.3	51.0	76.6	





#35

Caprolactam

Concen: 41.708 ng m

RT: 11.94 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

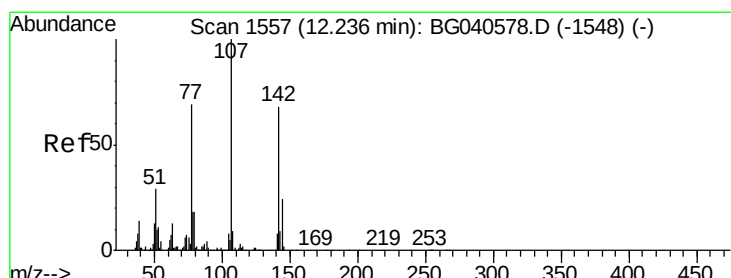
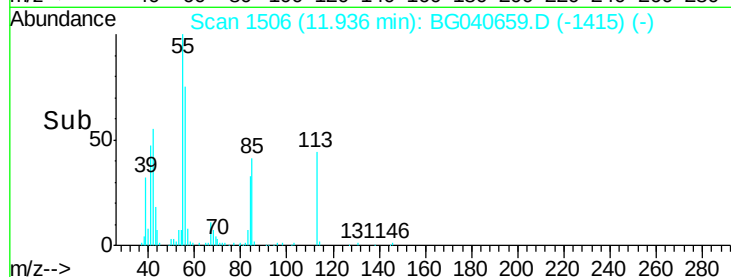
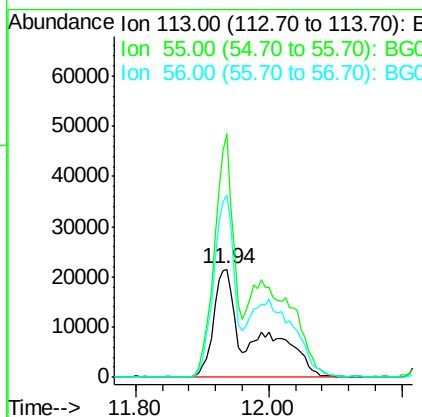
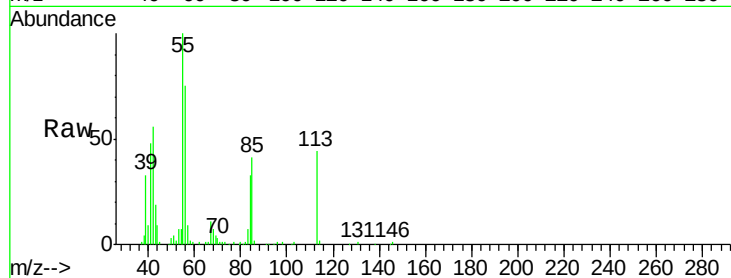
ClientSampleId :

PB119233BS

Tgt Ion:	113	Resp:	87621
Ion	Ratio	Lower	Upper
113	100		
55	225.4	198.6	238.6
56	168.7	148.4	188.4

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#36

4-Chloro-3-methylphenol

Concen: 44.262 ng

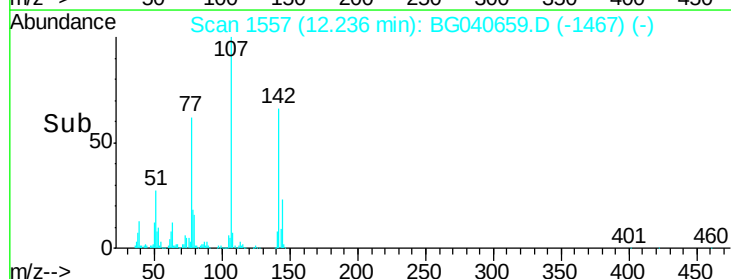
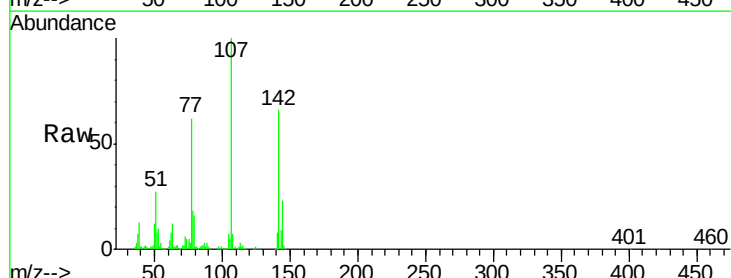
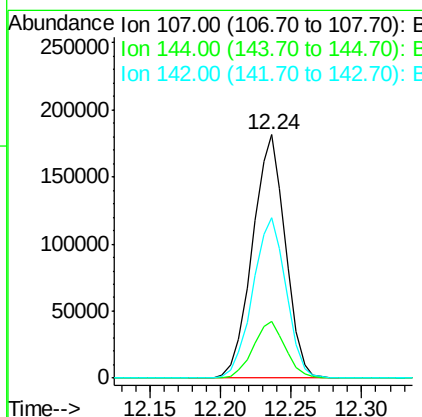
RT: 12.24 min Scan# 1557

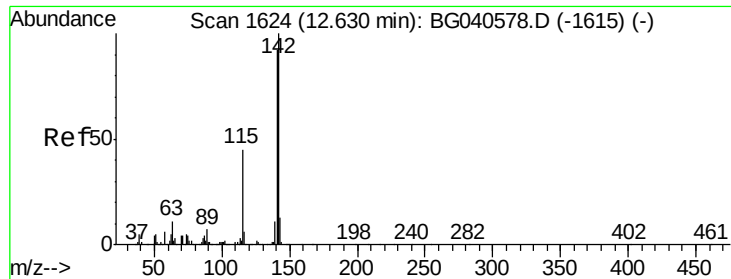
Delta R.T. -0.00 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	107	Resp:	297115
Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.3	28.9
142	65.6	54.6	81.8





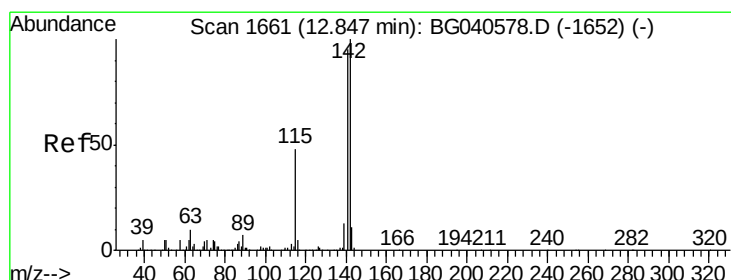
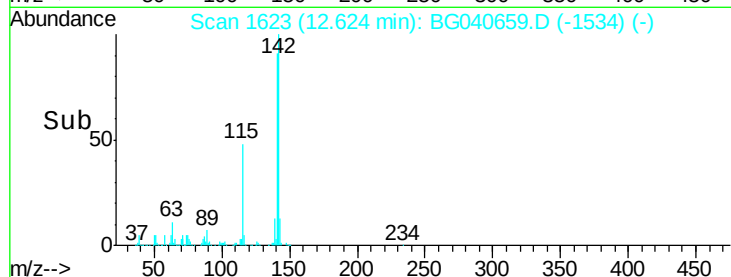
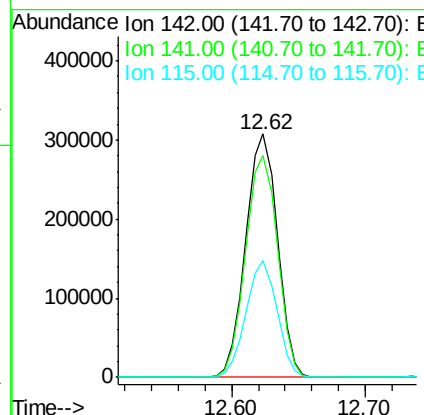
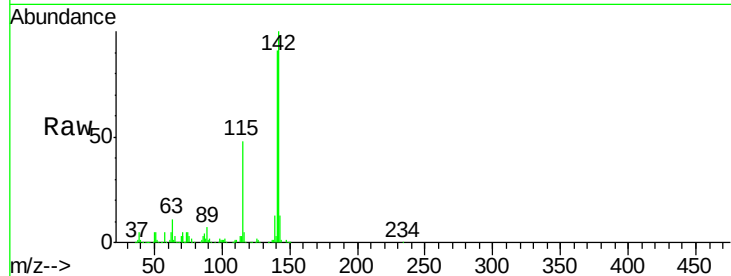
#37
 2-Methylnaphthalene
 Concen: 42.256 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	505868		
141	91.3	73.4	110.2	
115	47.8	36.2	54.4	

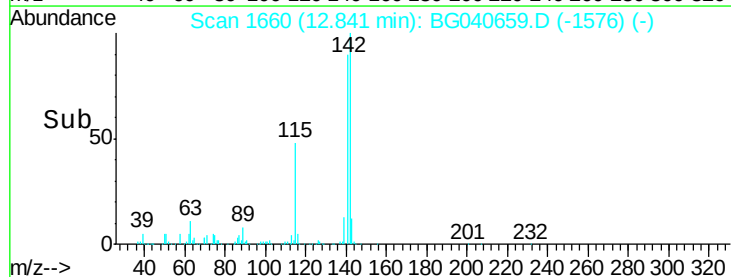
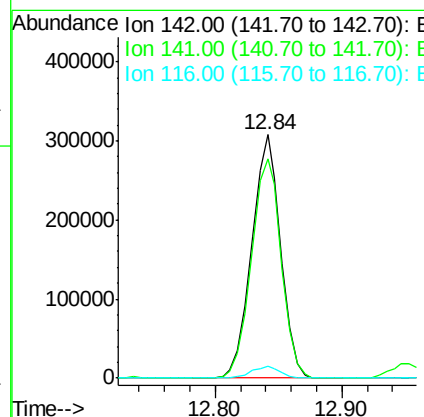
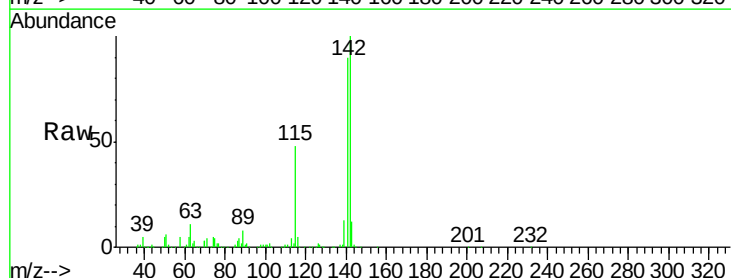
Manual Integrations
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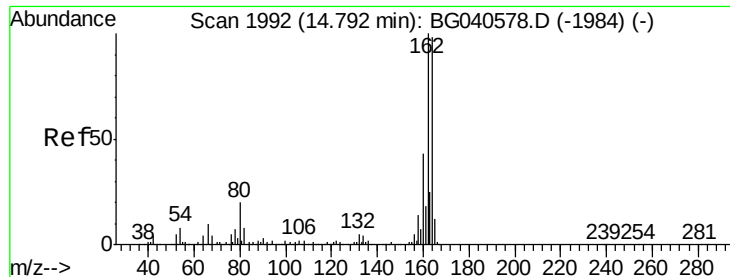
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#38
 1-Methylnaphthalene
 Concen: 41.345 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	483789		
141	90.2	75.9	113.9	
116	4.9	4.2	6.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

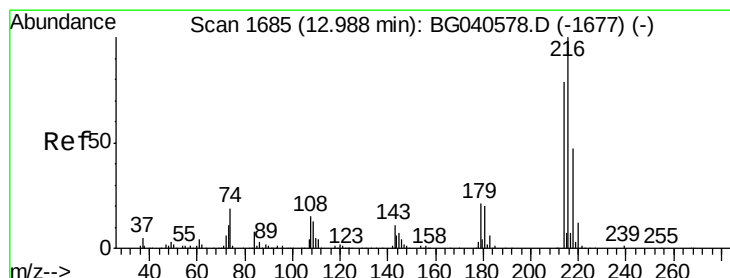
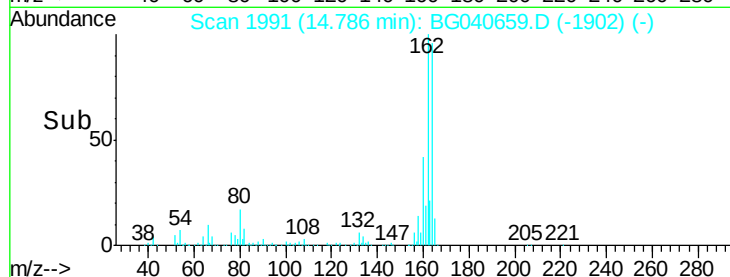
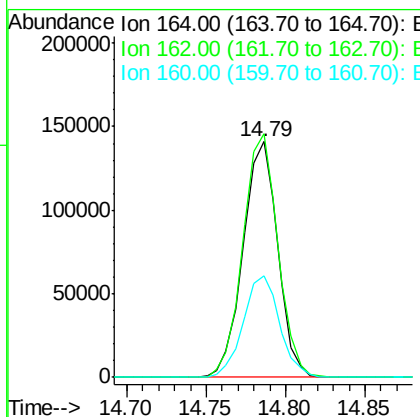
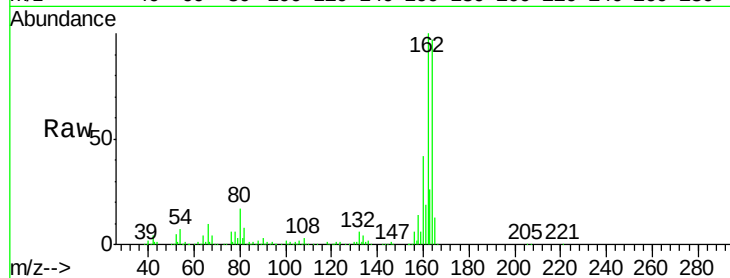
ClientSampleId :

PB119233BS

Tgt Ion:	164	Resp:	213502
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.9	122.9
160	43.1	35.4	53.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.604 ng

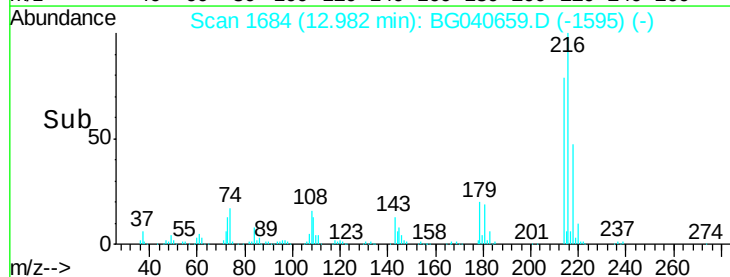
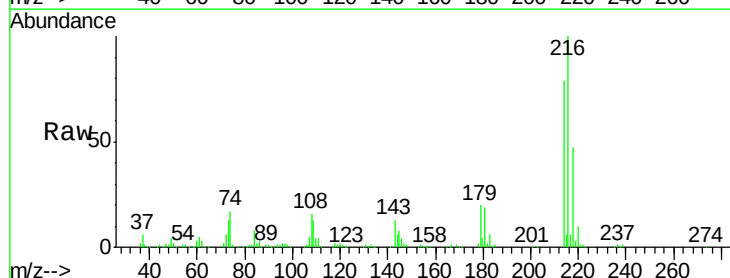
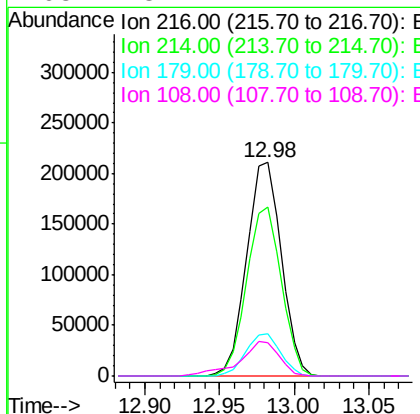
RT: 12.98 min Scan# 1684

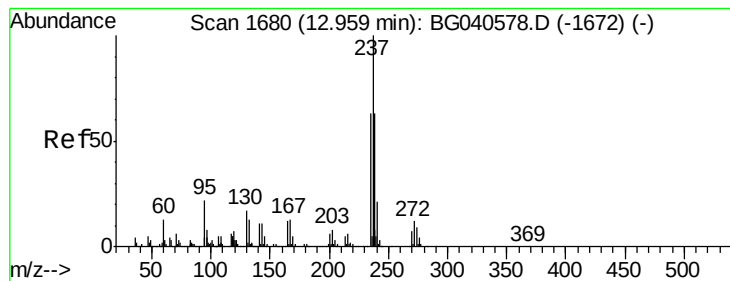
Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	216	Resp:	338851
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.7	95.5
179	19.8	16.6	24.8
108	18.4	14.7	22.1





#41

Hexachlorocyclopentadiene

Concen: 60.909 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

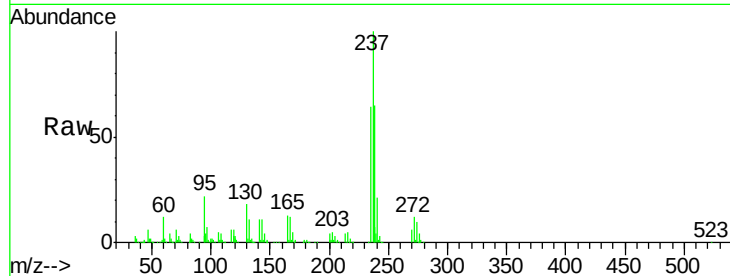
ClientSampleId :

PB119233BS

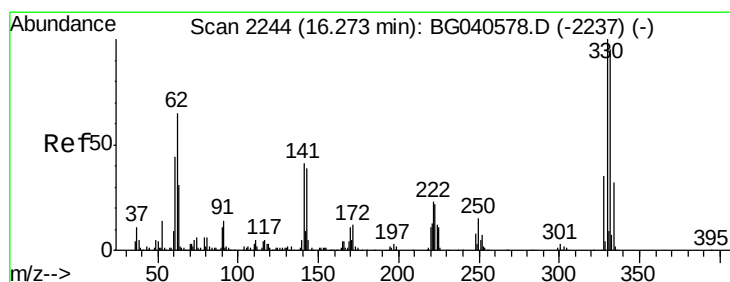
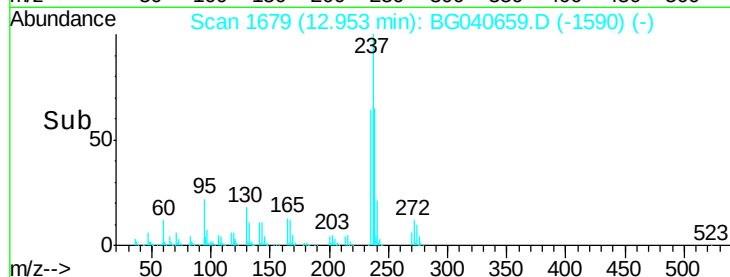
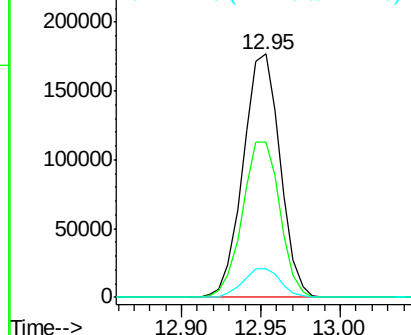
Tgt Ion:	237	Resp:	285857
Ion Ratio	Lower	Upper	
237	100		
235	64.0	42.5	82.5
272	12.0	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 148.466 ng

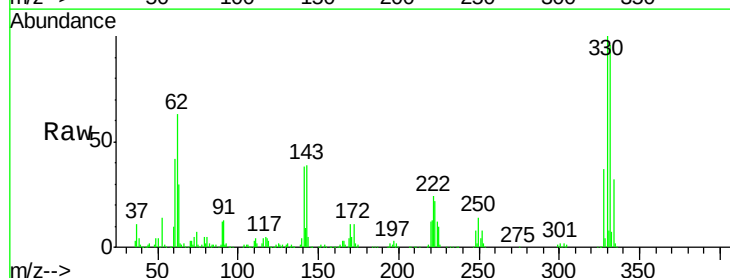
RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

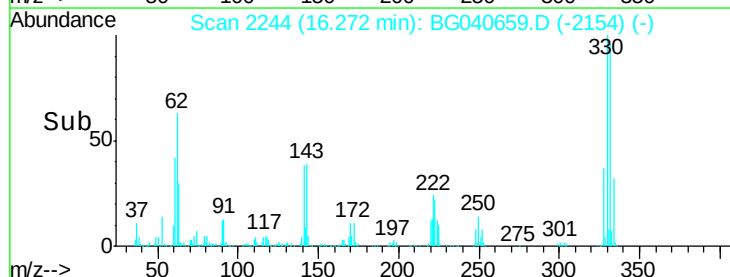
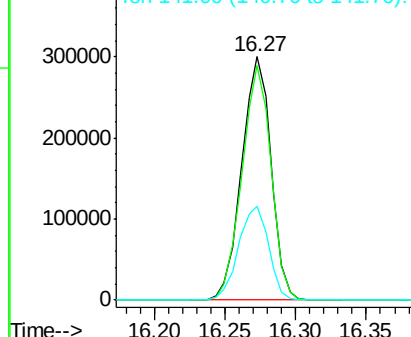
Lab File: BG040659.D

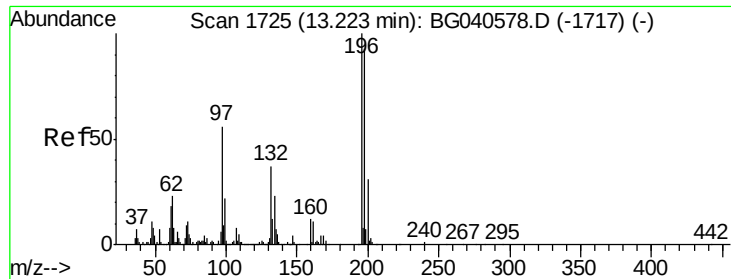
Acq: 29 Apr 2019 13:33

Tgt Ion:	330	Resp:	435693
Ion Ratio	Lower	Upper	
330	100		
332	95.8	75.9	113.9
141	39.8	32.4	48.6



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





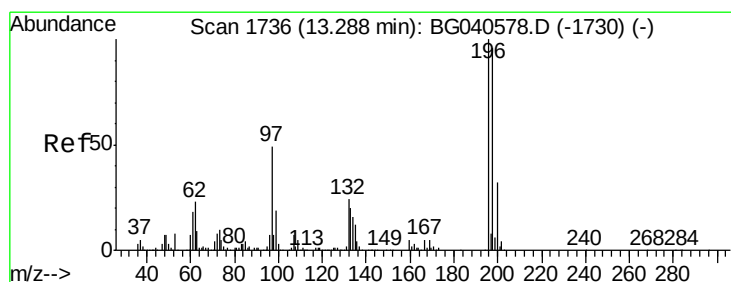
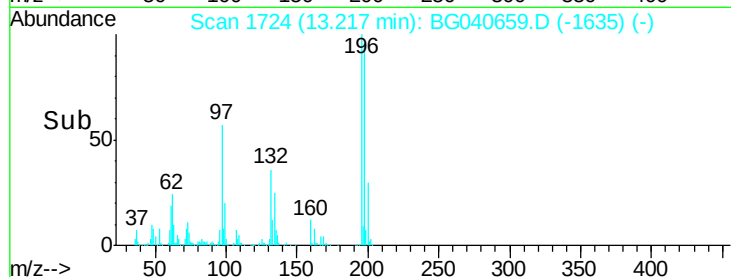
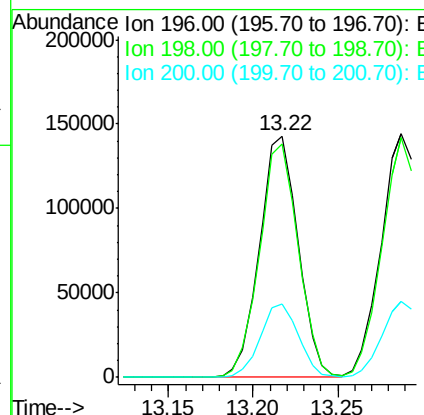
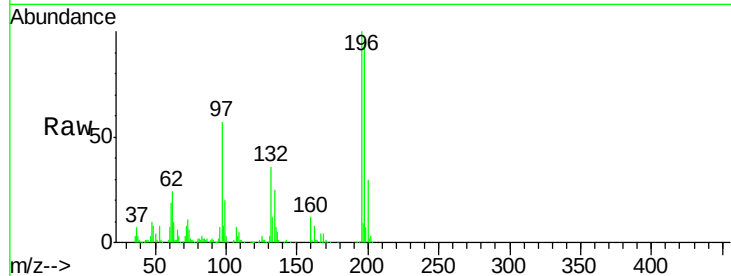
#43
 2,4,6-Trichlorophenol
 Concen: 47.146 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	226598		
198	96.5	74.8	112.2	
200	30.4	24.9	37.3	

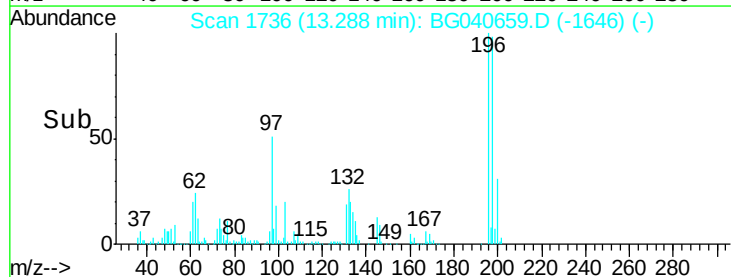
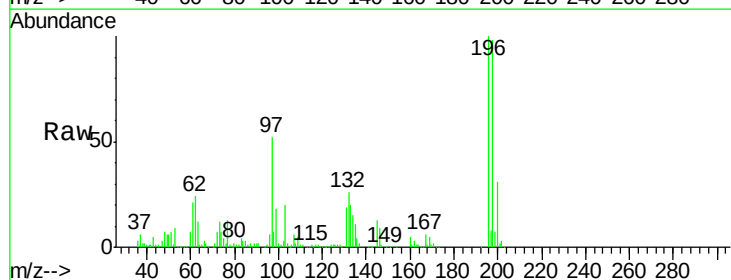
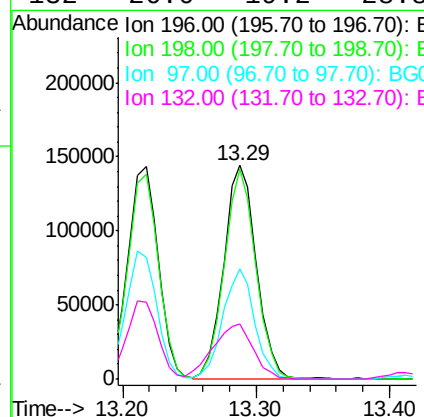
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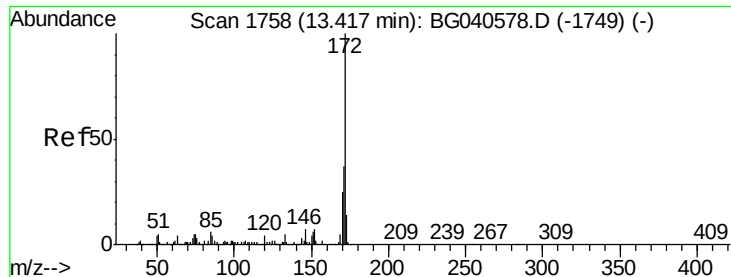
Sohil
 4/30/2019 6:44:39 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.982 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245989		
198	98.4	77.0	115.6	
97	51.6	40.0	60.0	
132	26.0	19.2	28.8	





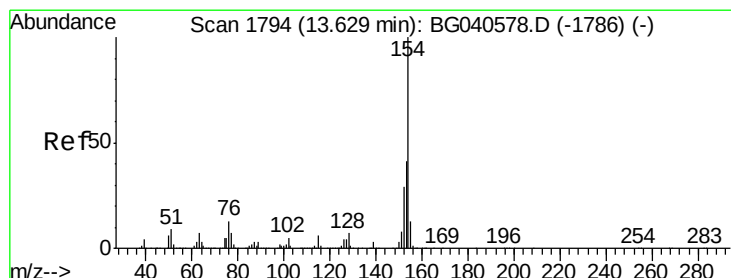
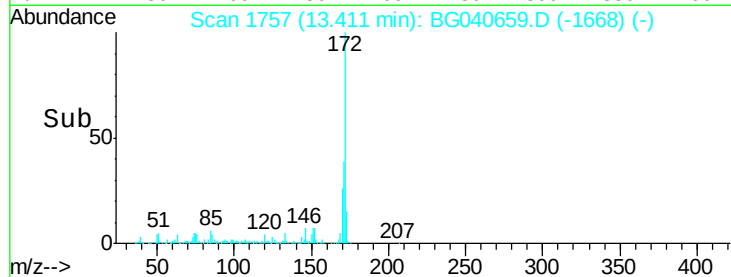
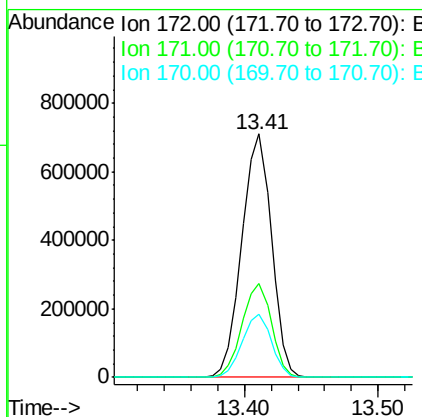
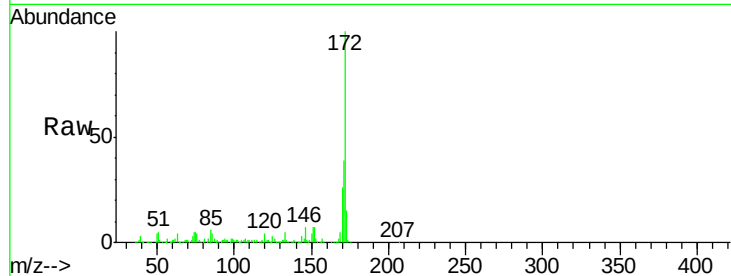
#45
 2-Fluorobiphenyl
 Concen: 73.706 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.4	44.2
170	26.0	19.9	29.9

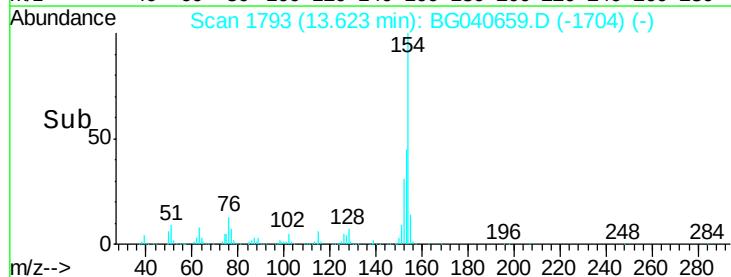
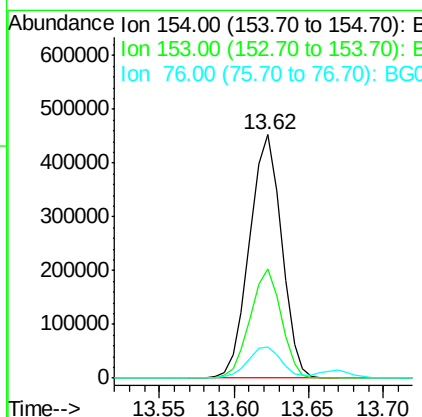
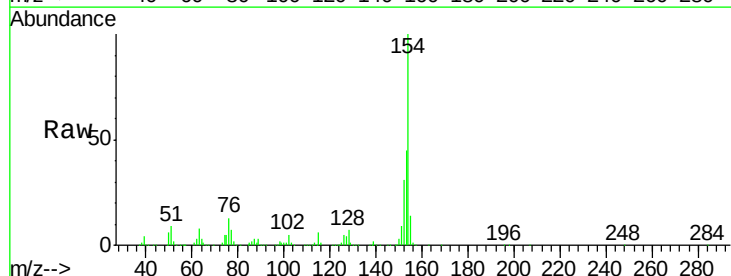
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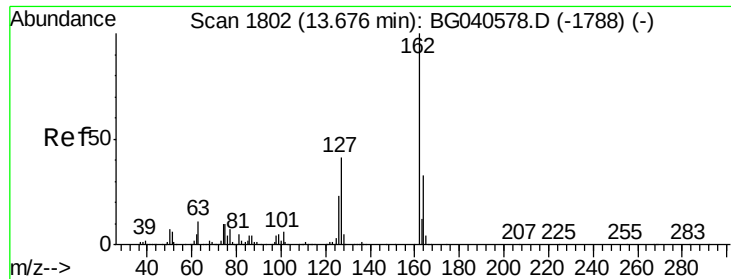
Sohil
 4/30/2019 6:44:39 PM



#46
 1,1'-Biphenyl
 Concen: 40.568 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.6	20.5	60.5
76	13.0	0.0	32.5





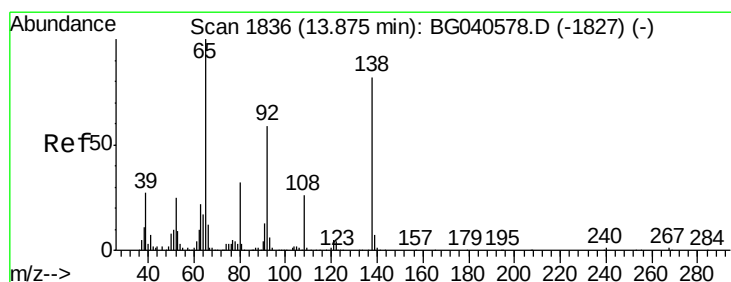
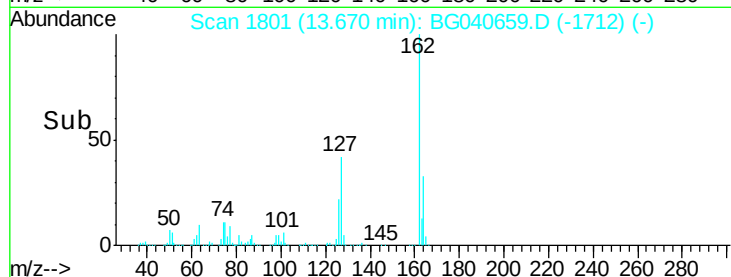
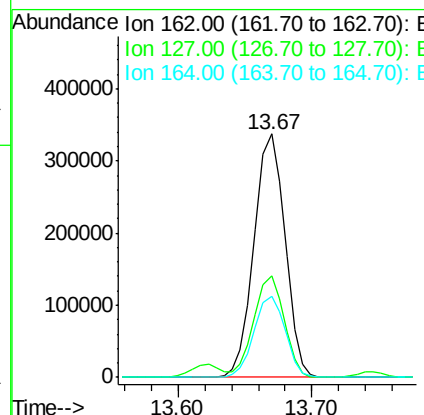
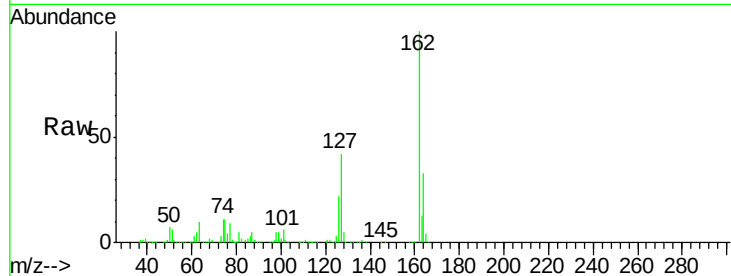
#47
 2-Chloronaphthalene
 Concen: 41.669 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	540549		
127	41.8		33.0	49.4
164	33.3		26.8	40.2

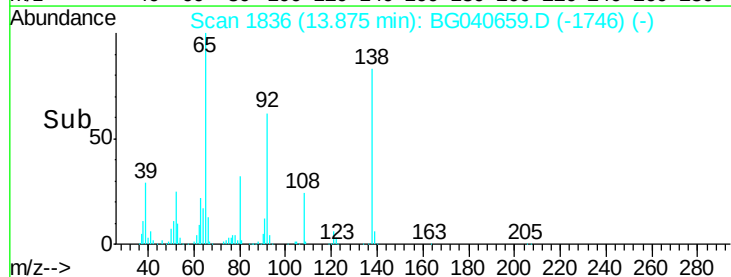
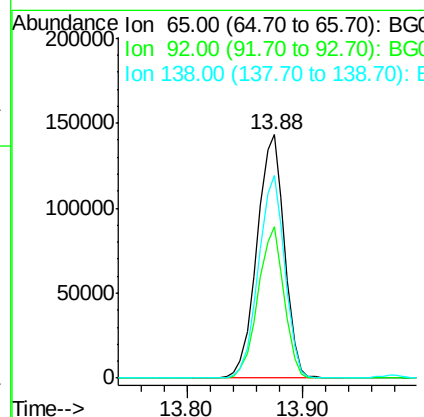
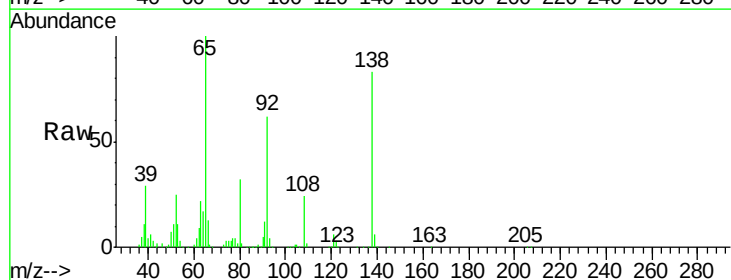
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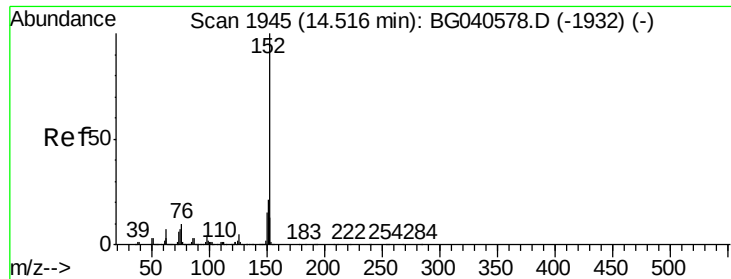
Sohil
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#48
 2-Nitroaniline
 Concen: 51.371 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	237217		
92	62.3		47.4	71.0
138	83.2		66.1	99.1





#49

Acenaphthylene

Concen: 38.625 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

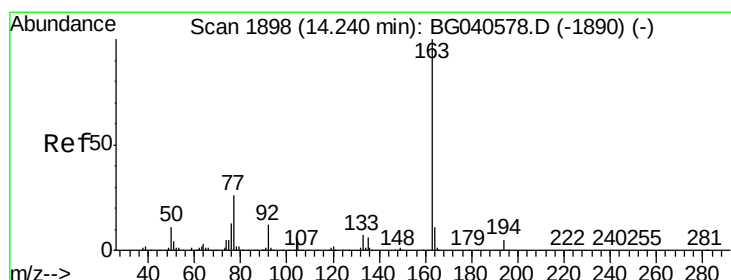
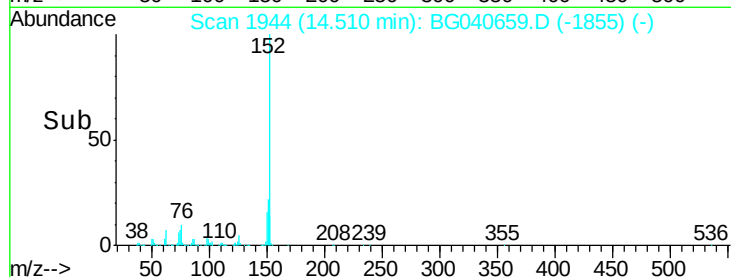
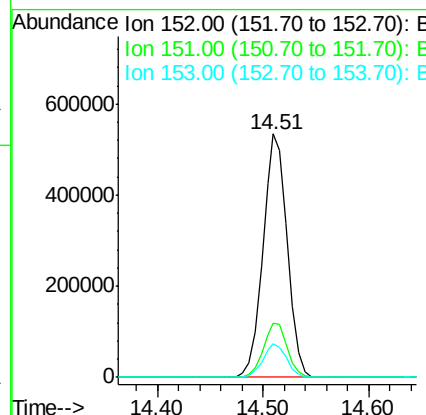
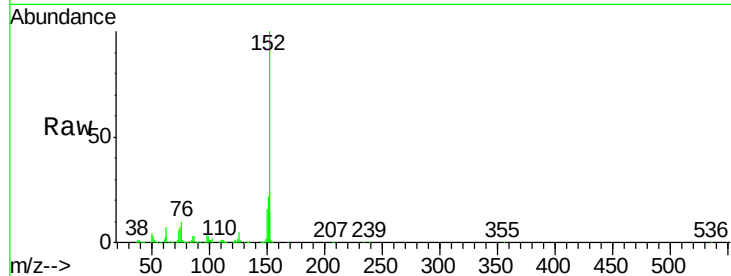
ClientSampleId :

PB119233BS

Tgt Ion:	152	Resp:	850122
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.2	25.8
153	13.6	10.7	16.1

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#50

Dimethylphthalate

Concen: 41.286 ng

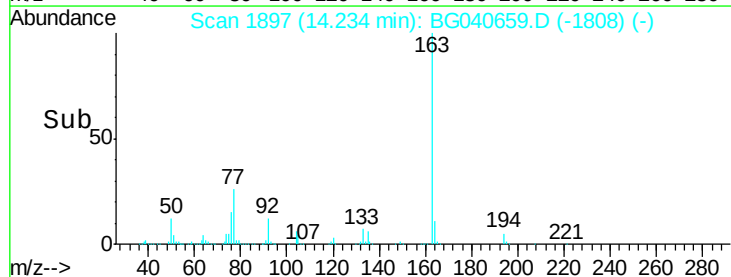
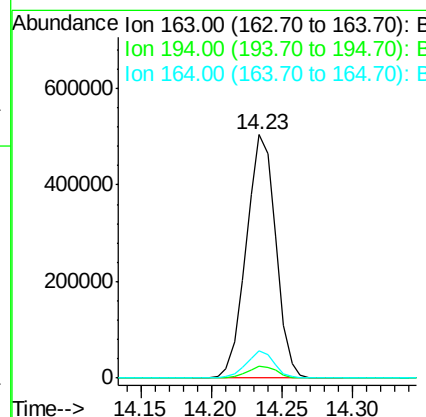
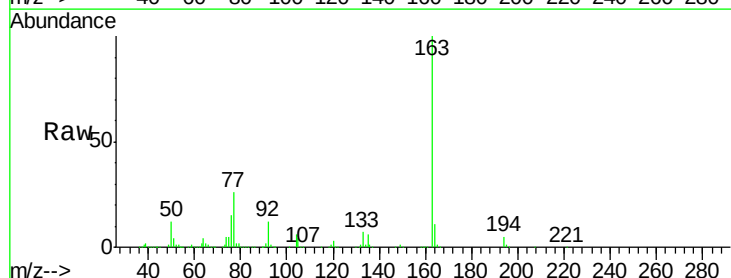
RT: 14.23 min Scan# 1897

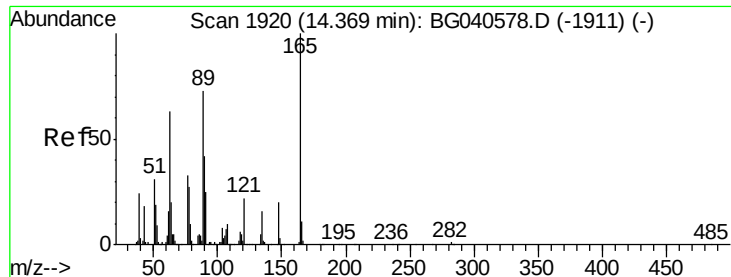
Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	163	Resp:	737509
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.8
164	11.3	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 47.429 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

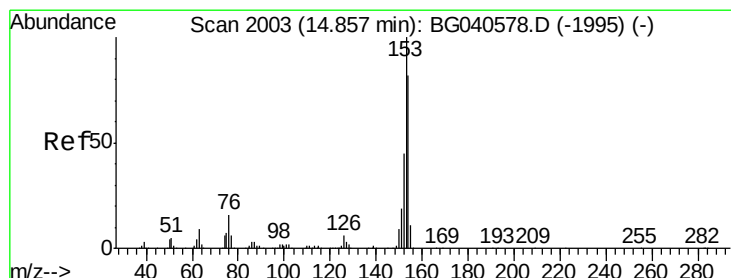
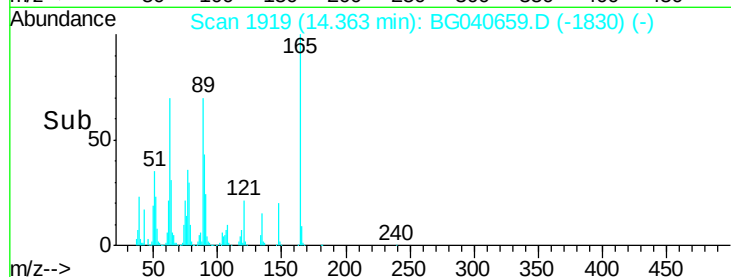
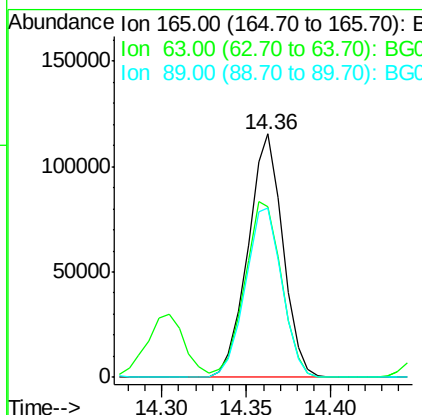
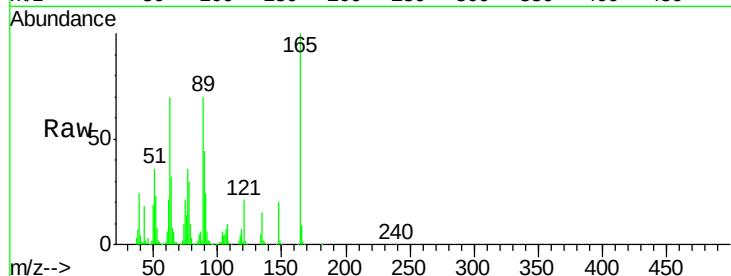
ClientSampleId :

PB119233BS

Tgt Ion:	165	Resp:	165354
Ion Ratio	Lower	Upper	
165	100		
63	70.2	61.0	91.4
89	69.7	58.6	87.8

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#52

Acenaphthene

Concen: 40.185 ng

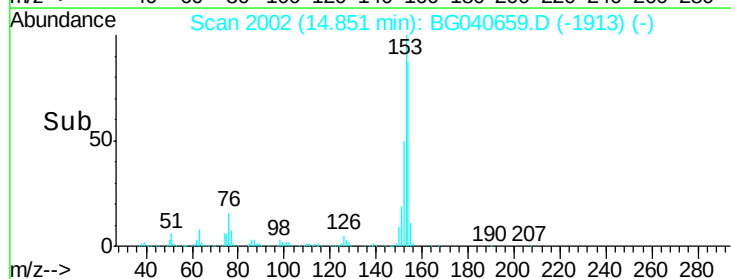
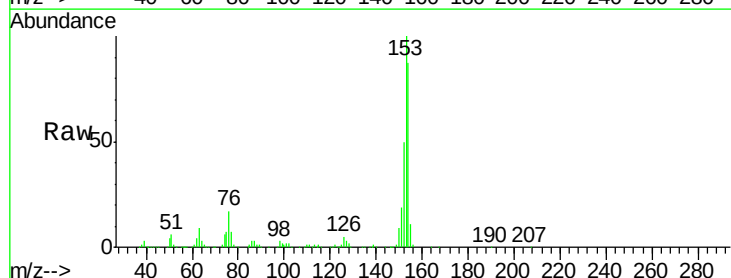
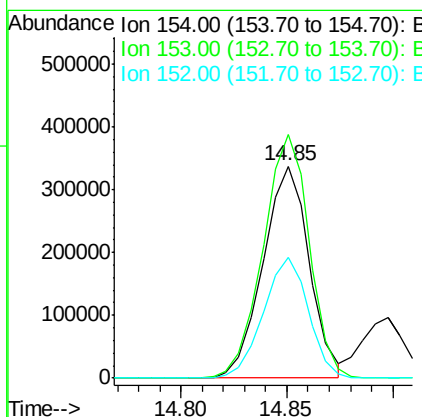
RT: 14.85 min Scan# 2002

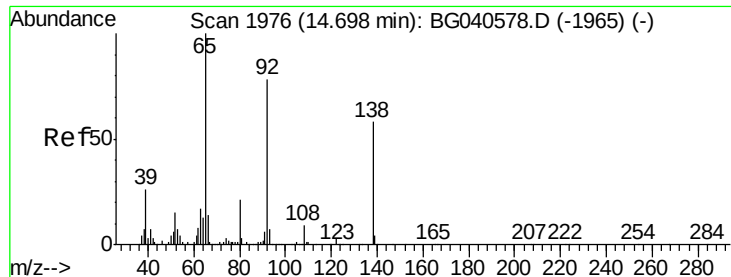
Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	154	Resp:	515072
Ion Ratio	Lower	Upper	
154	100		
153	114.8	97.0	145.6
152	57.1	44.1	66.1





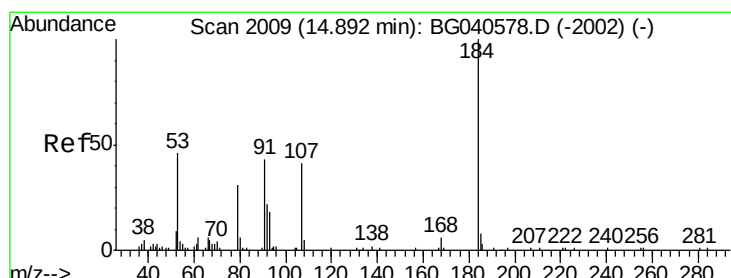
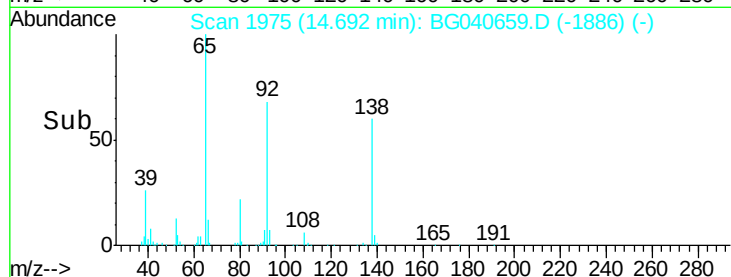
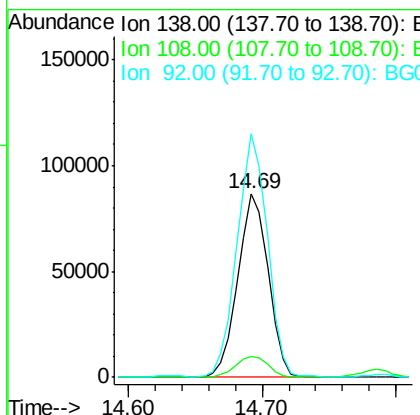
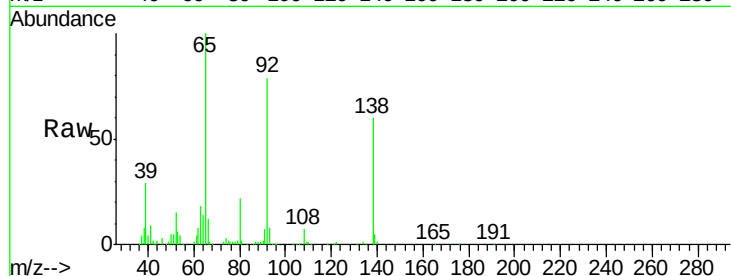
#53
 3-Nitroaniline
 Concen: 38.310 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	136850		
108	11.1	12.4	18.6#	
92	132.4	108.6	162.8	

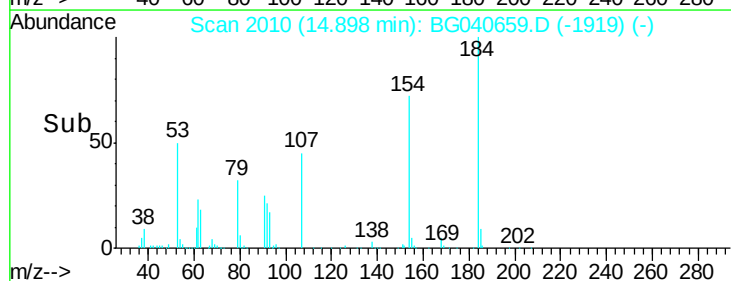
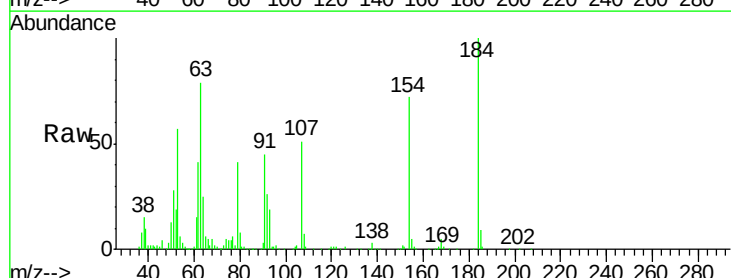
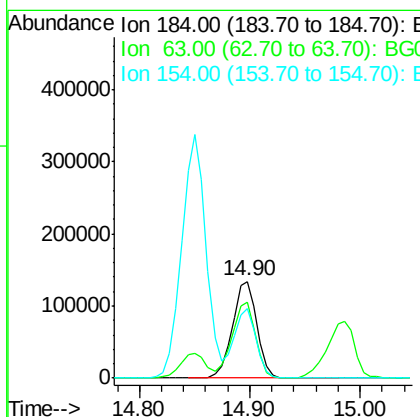
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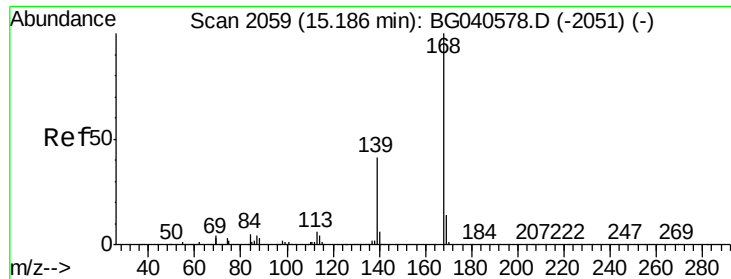
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 103.574 ng
 RT: 14.90 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	208111		
63	78.7	51.8	77.6#	
154	71.6	43.6	65.4#	





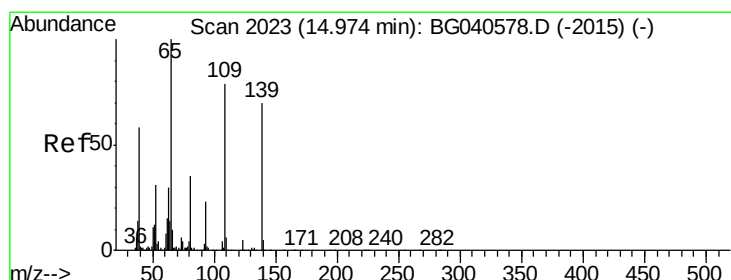
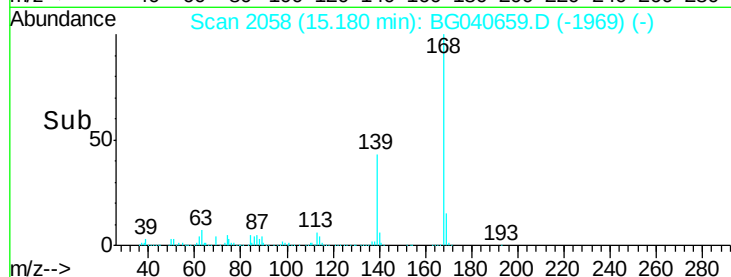
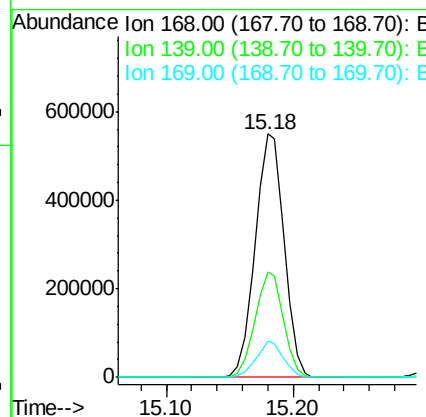
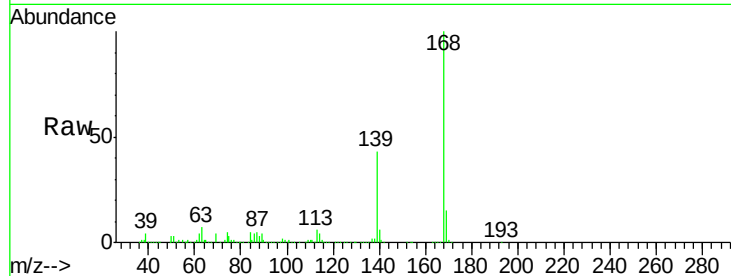
#55
Dibenzenofuran
Concen: 41.568 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	872698		
139	43.4	33.0	49.4	
169	14.7	11.0	16.4	

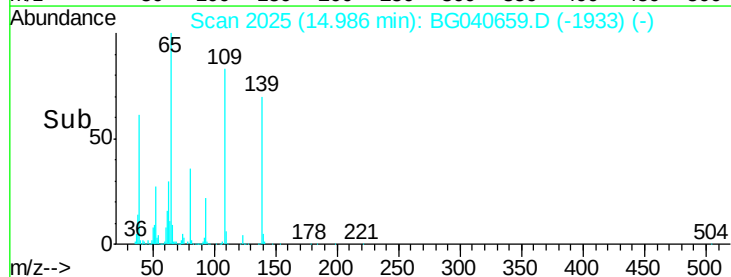
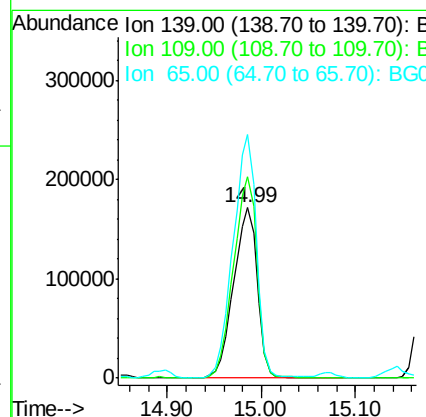
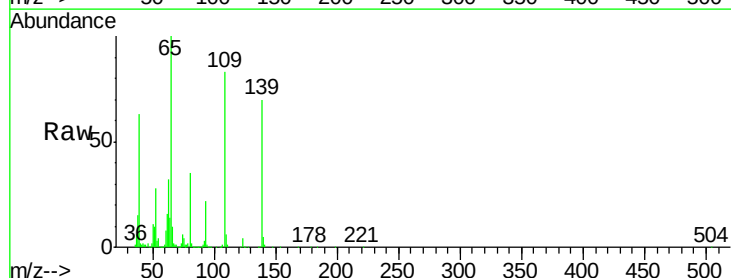
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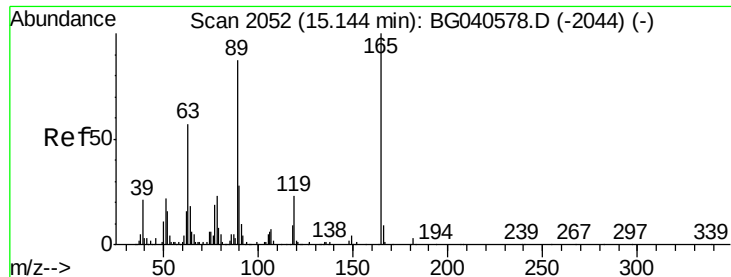
Sohil
4/30/2019 6:44:39 PM



#56
4-Nitrophenol
Concen: 97.089 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	300732		
109	118.0	93.8	133.8	
65	142.8	122.7	162.7	





#57

2,4-Dinitrotoluene

Concen: 51.399 ng

RT: 15.14 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

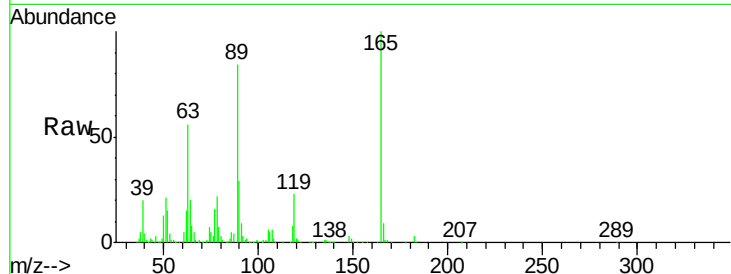
ClientSampleId :

PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	243496		
63	56.2	45.8	68.8	
89	83.7	69.4	104.2	
182	2.8	2.2	3.4	

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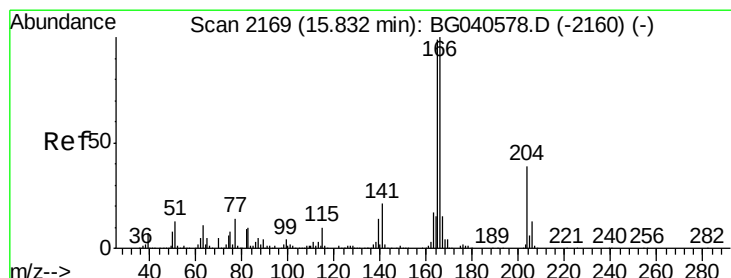
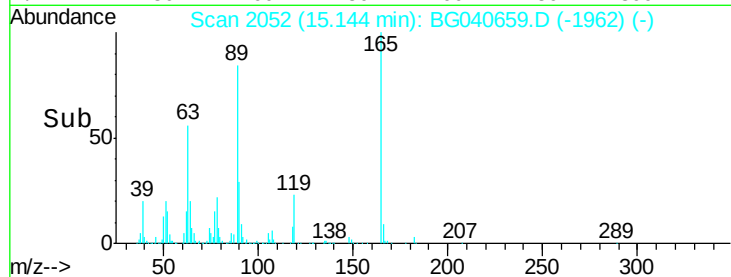
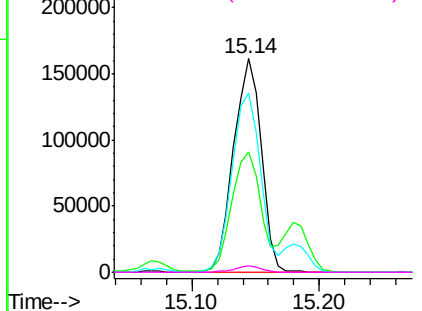


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.484 ng

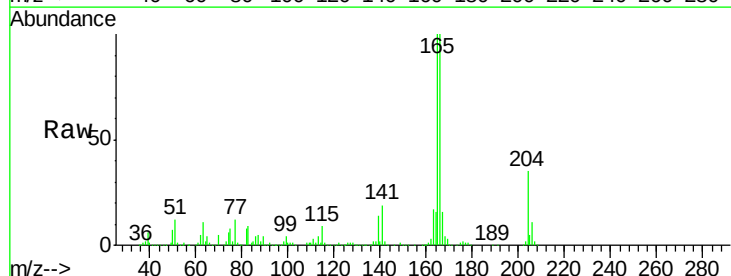
RT: 15.83 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

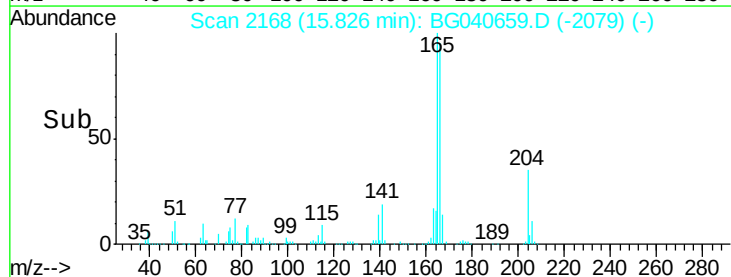
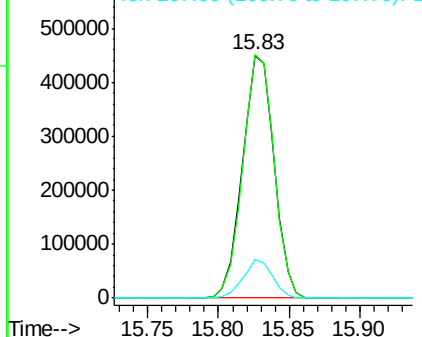
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	703938		
165	100.4	79.6	119.4	
167	16.1	12.2	18.2	

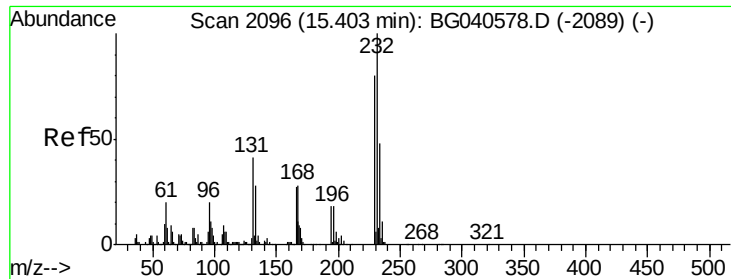


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

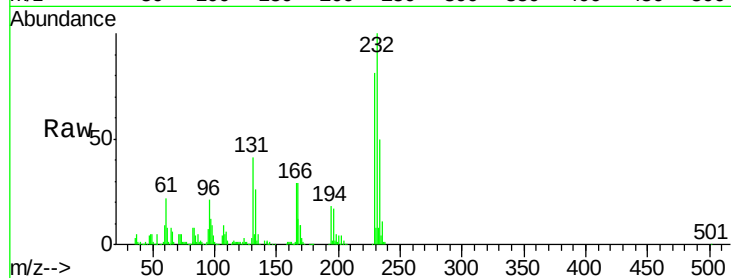
Ion 167.00 (166.70 to 167.70): E





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.380 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

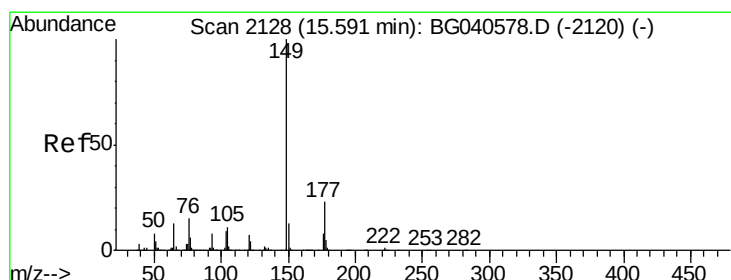
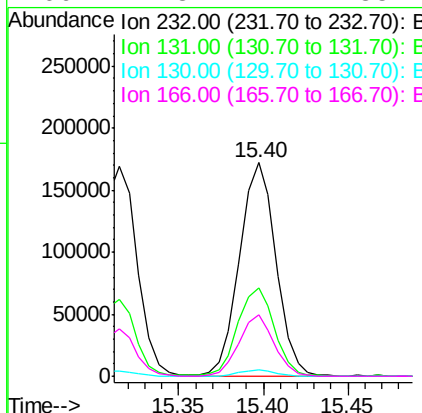
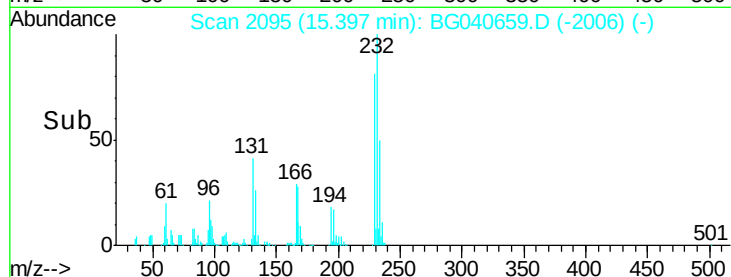
Instrument :
 BNA_G
 ClientSampled :
 PB119233BS



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	260231		
131	41.1	33.0	49.4	
130	2.9	2.0	3.0	
166	27.3	22.1	33.1	

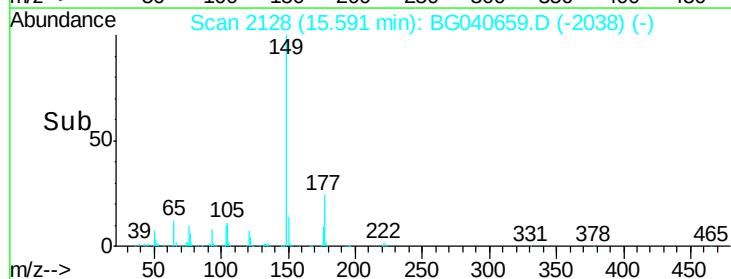
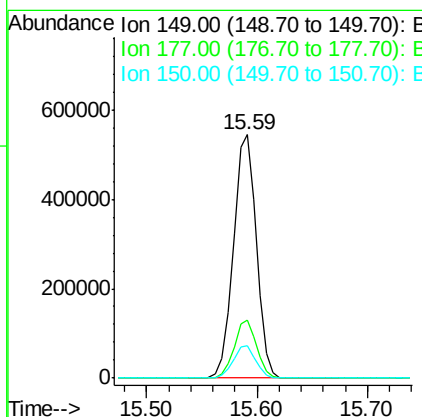
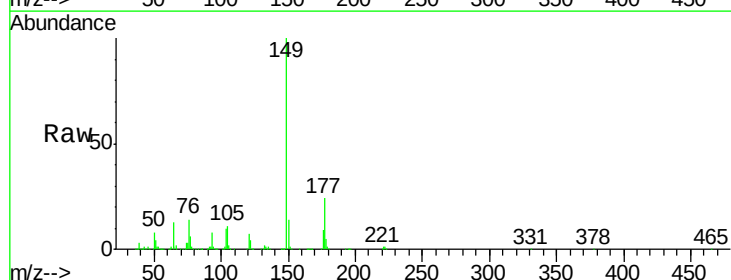
Manual Integrations
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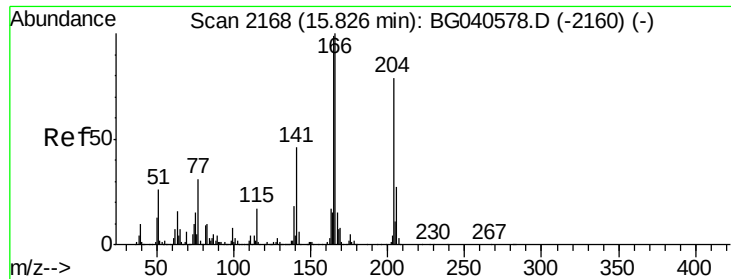
Sohil
 4/30/2019 6:44:39 PM



#60
 Diethylphthalate
 Concen: 41.943 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	790505		
177	23.6	18.5	27.7	
150	13.6	10.2	15.4	





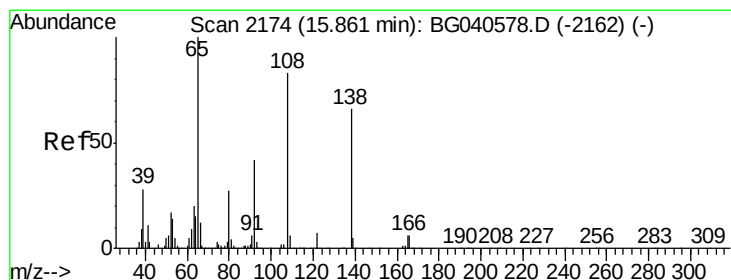
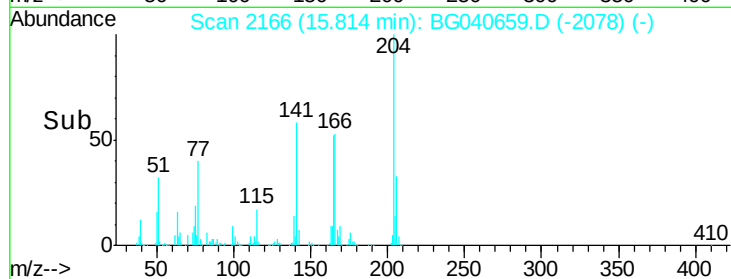
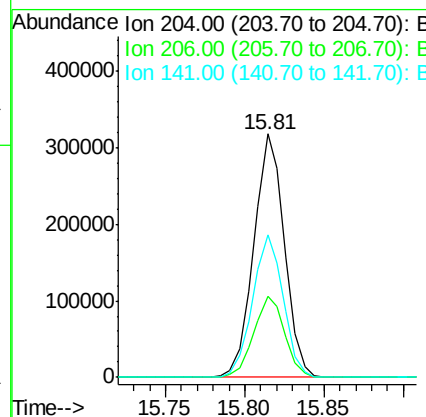
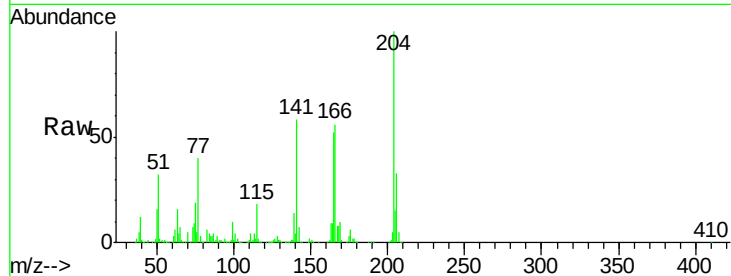
#61
 4-Chlorophenyl-phenylether
 Concen: 43.078 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Instrument :
 BNA_G
 ClientSampled :
 PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	425138		
206	33.1	27.4	41.2	
141	58.4	46.0	69.0	

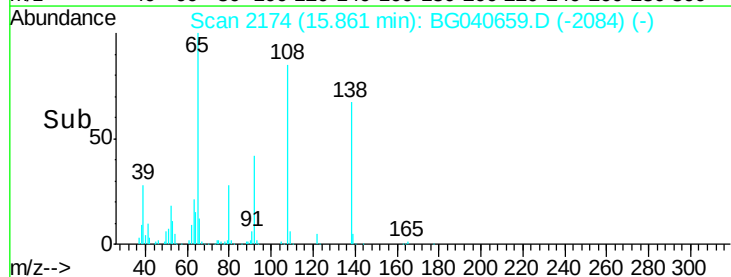
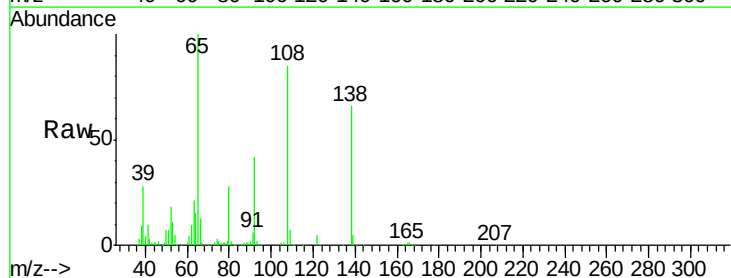
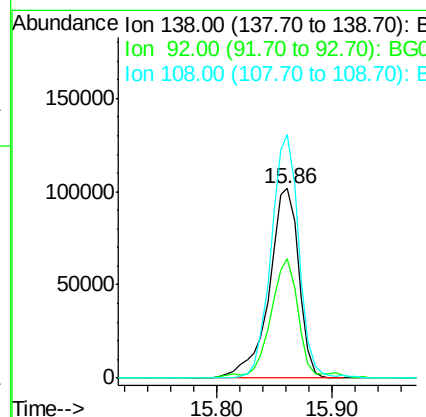
Manual Integrations
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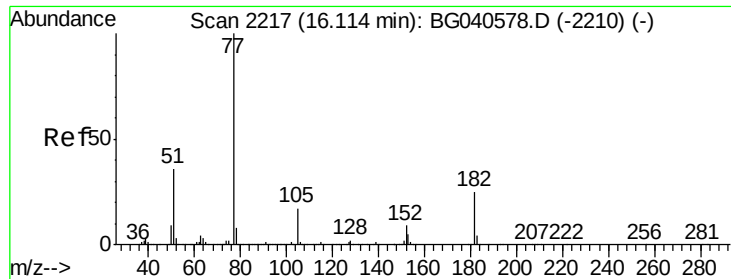
Sohil
 4/30/2019 6:44:39 PM



#62
 4-Nitroaniline
 Concen: 45.772 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

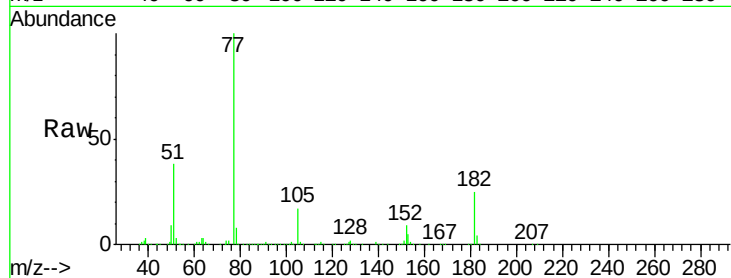
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	182901		
92	63.0	43.9	83.9	
108	128.4	106.5	146.5	





#63
Azobenzene
Concen: 40.858 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

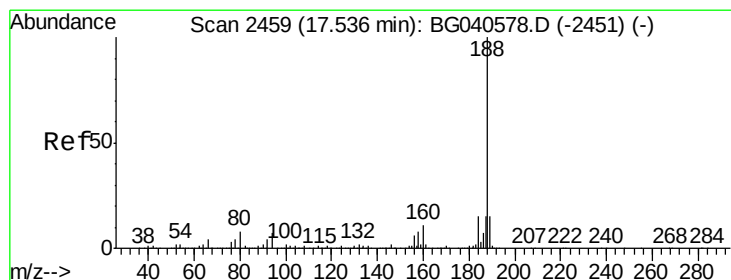
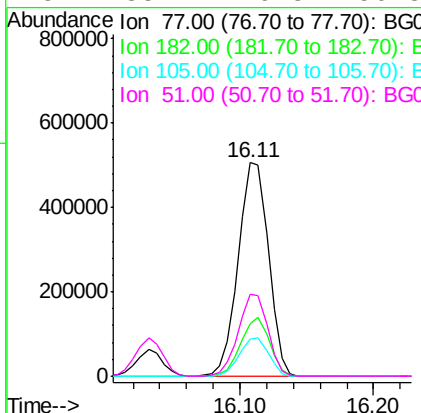
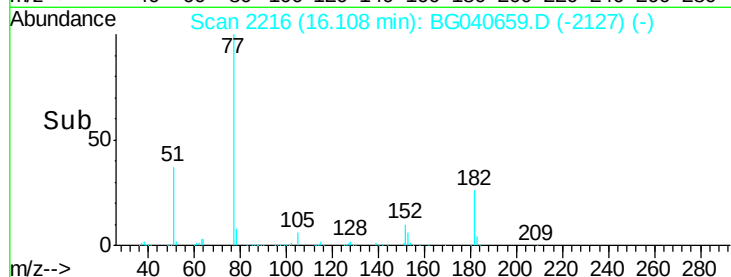
Instrument :
BNA_G
ClientSampleId :
PB119233BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
182	24.6	5.0	45.0
105	17.3	0.0	37.6
51	38.1	16.3	56.3

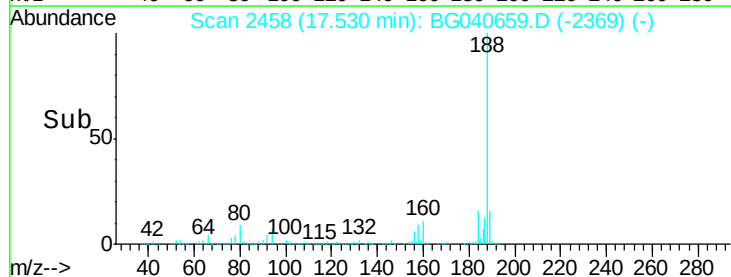
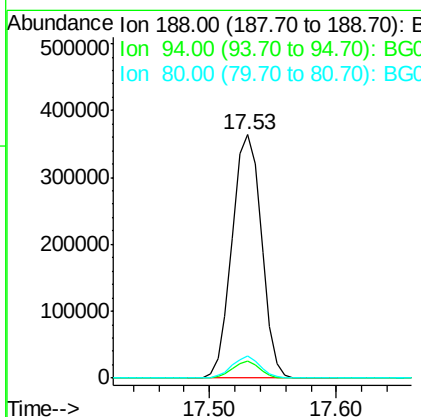
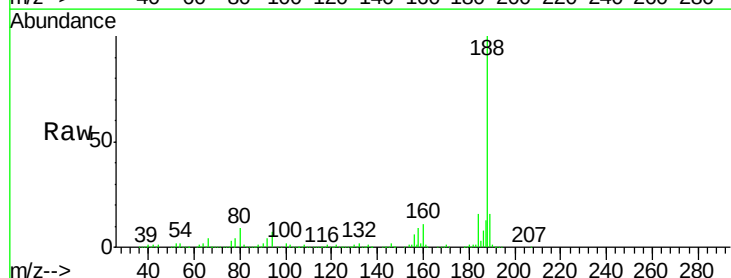
Manual Integrations
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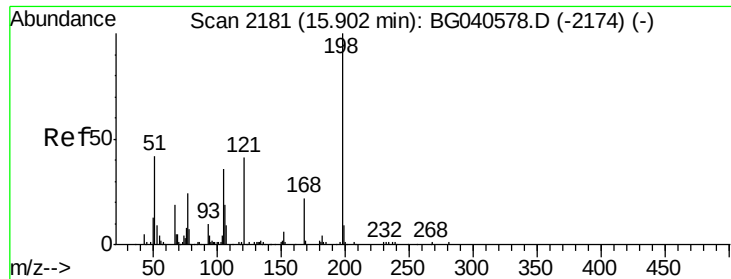
Sohil
4/30/2019 6:44:39 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.0	5.6	8.4
80	9.1	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 48.154 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

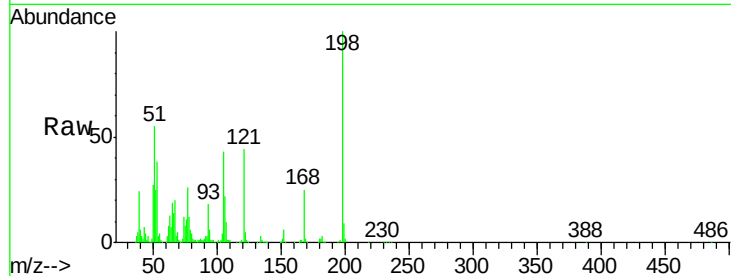
ClientSampled :

PB119233BS

Tgt Ion:	198	Resp:	138317
Ion Ratio	Lower	Upper	
198	100		
51	55.2	35.9	75.9
105	42.8	21.2	61.2

Manual Integrations
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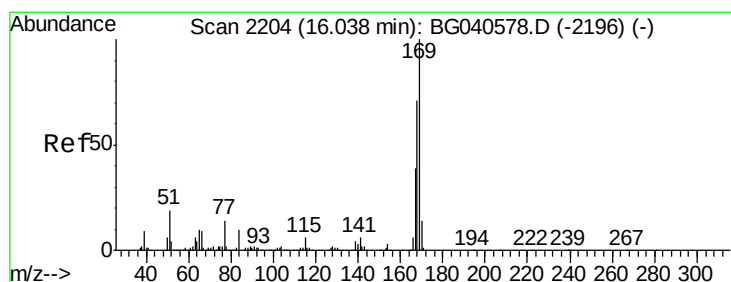
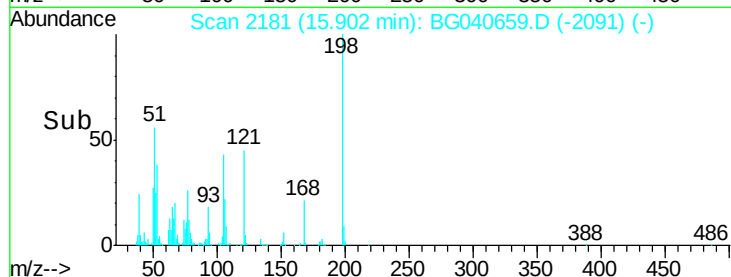
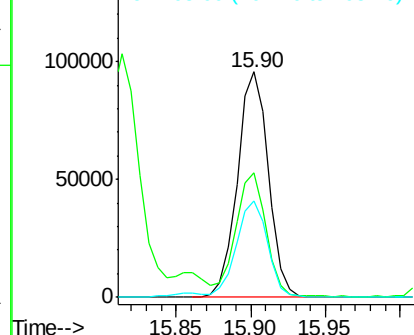
Sohil
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.220 ng

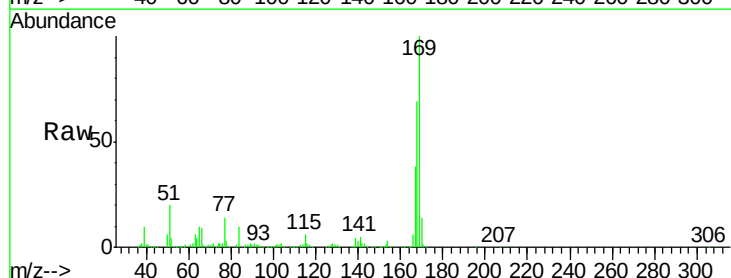
RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

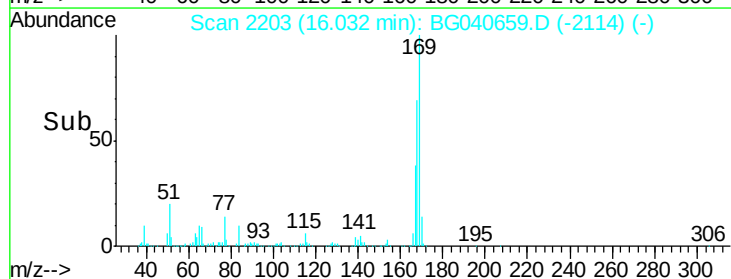
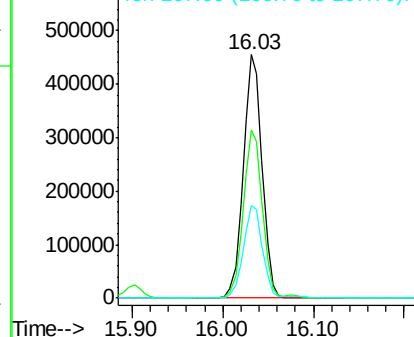
Tgt Ion:	169	Resp:	655143
Ion Ratio	Lower	Upper	
169	100		
168	68.9	56.8	85.2
167	38.0	31.4	47.0

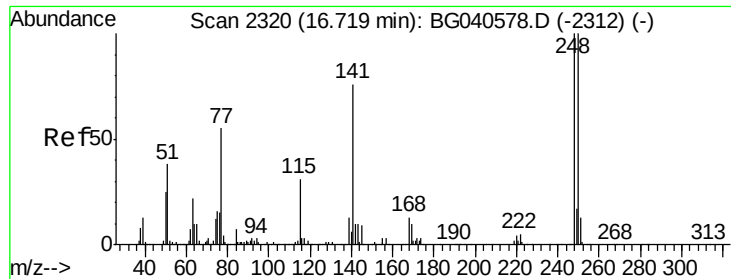


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





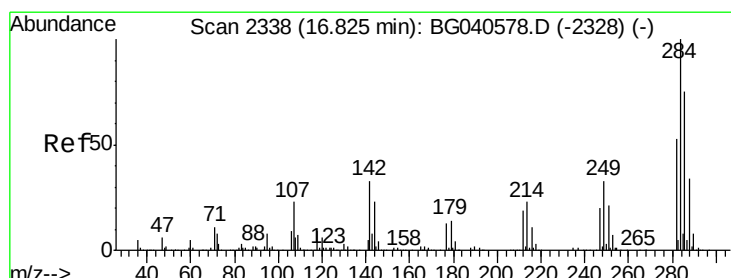
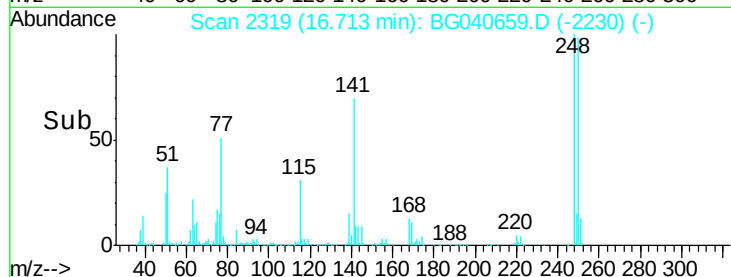
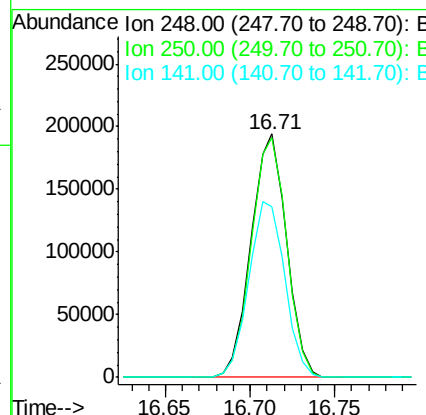
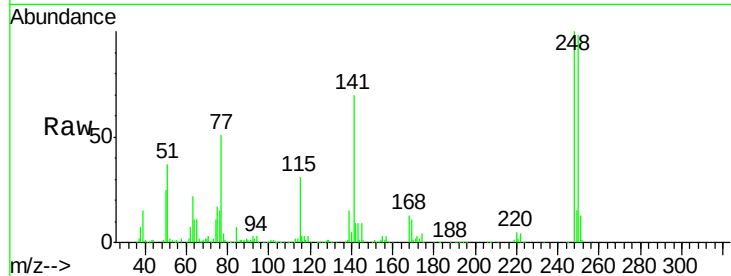
#67
4-Bromophenyl-phenylether
Concen: 39.025 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Instrument :
BNA_G
ClientSampled :
PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	283274		
250	98.3	79.8	119.6	
141	69.9	60.8	91.2	

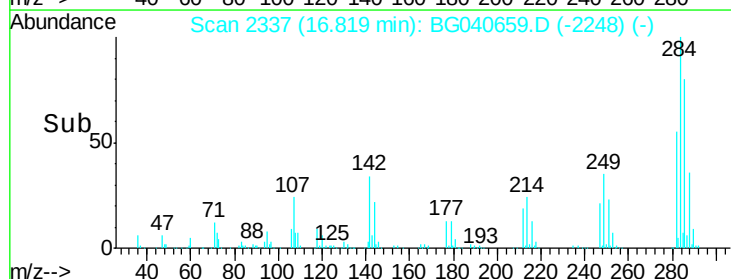
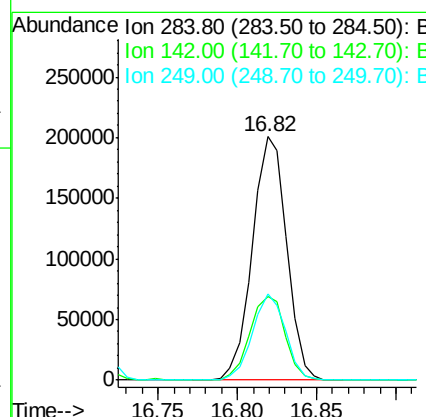
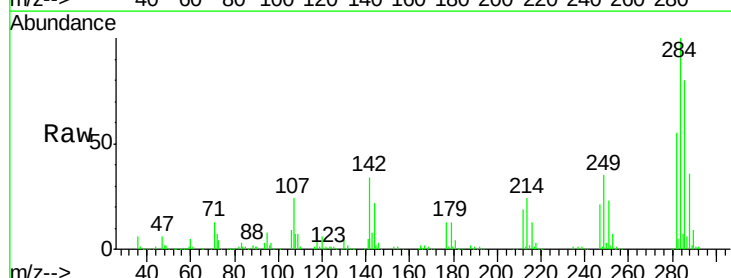
Manual Integrations
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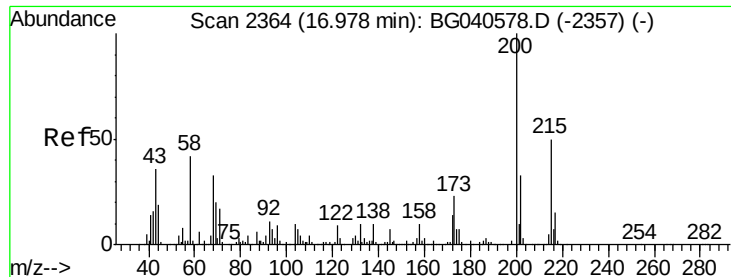
Sohil
4/30/2019 6:44:39 PM



#68
Hexachlorobenzene
Concen: 40.145 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	301310		
142	34.1	26.6	40.0	
249	35.5	26.0	39.0	





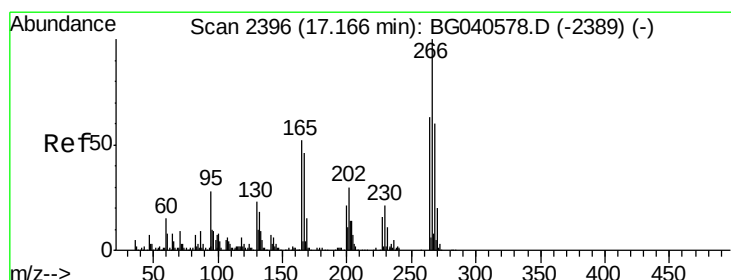
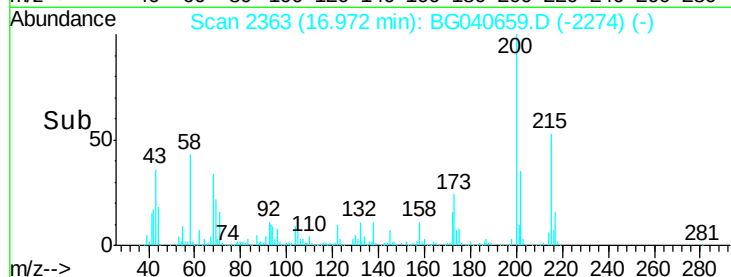
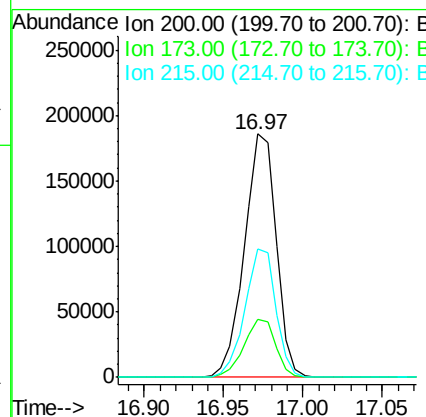
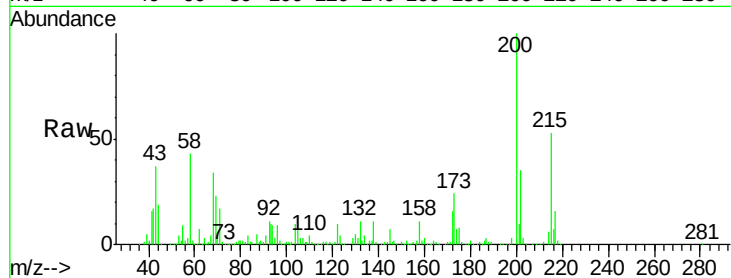
#69
 Atrazine
 Concen: 37.972 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Instrument :
 BNA_G
 ClientSampled :
 PB119233BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.1	2.8	42.8
215	52.8	30.2	70.2

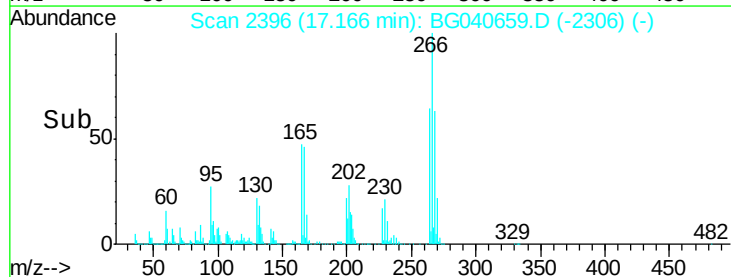
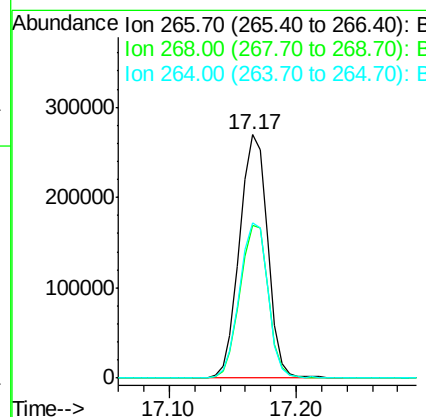
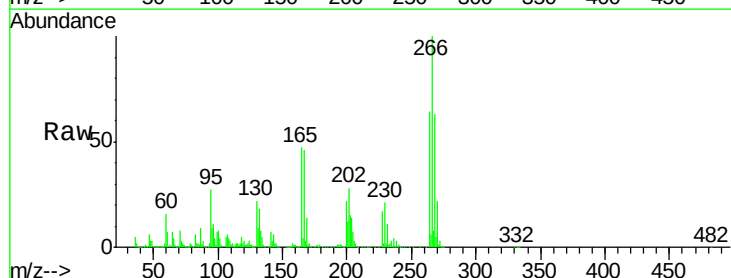
Manual Integrations
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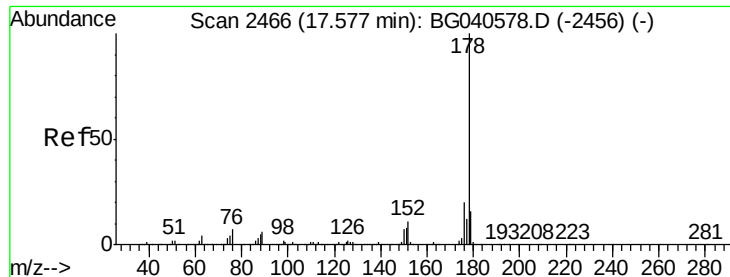
Sohil
 4/30/2019 6:44:39 PM



#70
 Pentachlorophenol
 Concen: 93.987 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.5	52.3	78.5
264	63.9	50.0	75.0





#71

Phenanthrene

Concen: 39.770 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

ClientSampleId :

PB119233BS

Tgt Ion:178 Resp: 1248039

Ion Ratio Lower Upper

178 100

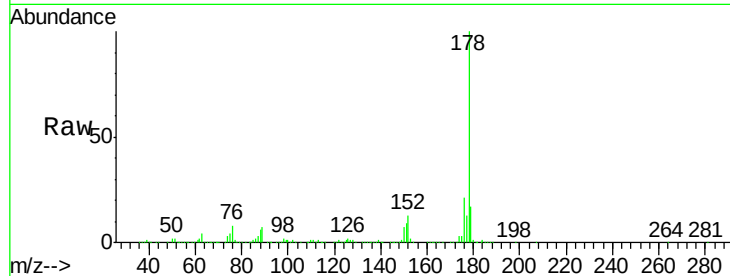
176 21.4 15.8 23.6

179 17.4 12.6 18.8

Manual Integrations
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Sohil

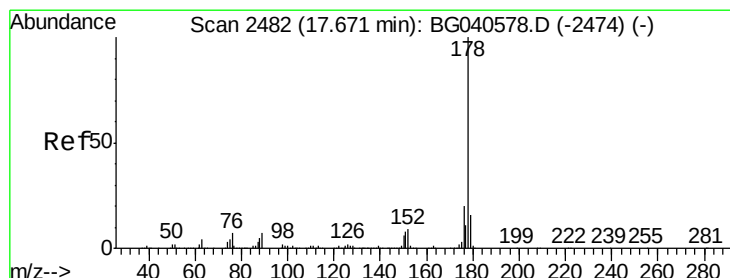
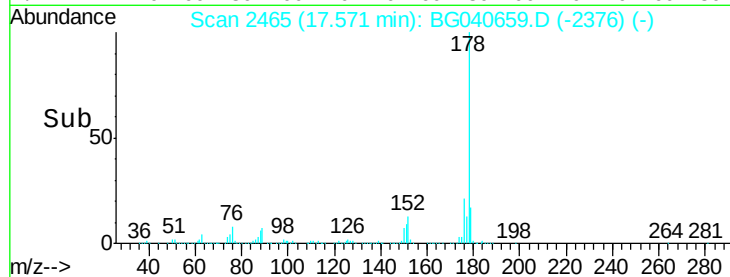
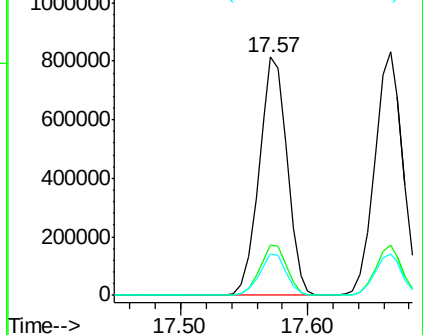
4/30/2019 6:44:39 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.334 ng

RT: 17.66 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:178 Resp: 1272304

Ion Ratio Lower Upper

178 100

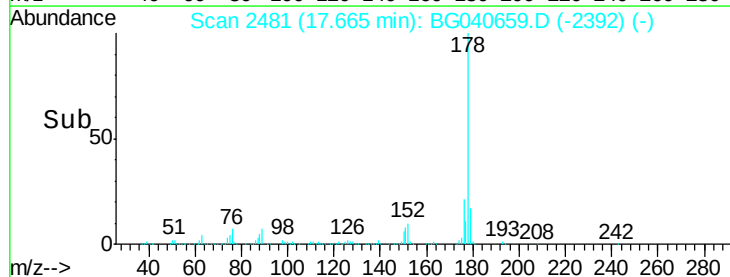
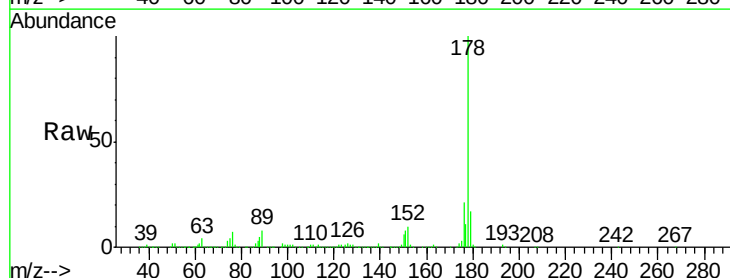
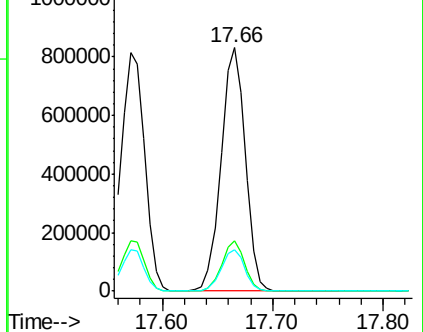
176 20.6 15.6 23.4

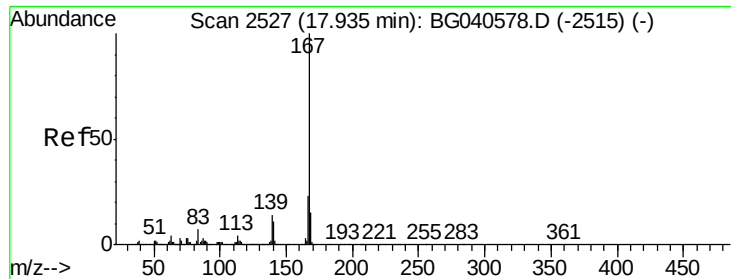
179 17.1 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.122 ng

RT: 17.94 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

ClientSampleId :

PB119233BS

Tgt Ion:167 Resp: 1181818

Ion Ratio Lower Upper

167 100

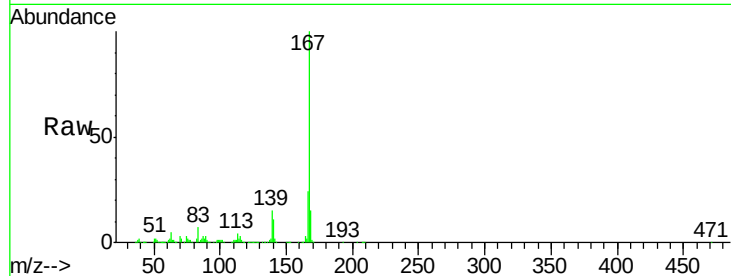
166 23.5 18.2 27.4

139 14.9 11.4 17.0

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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.94

800000

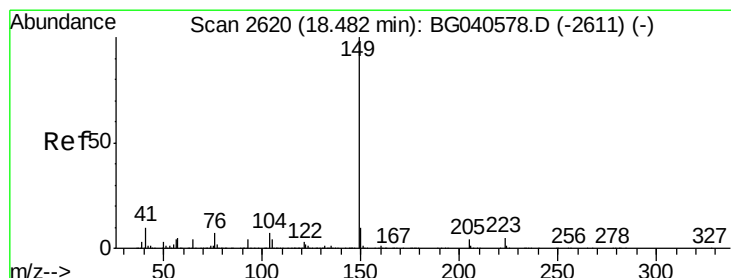
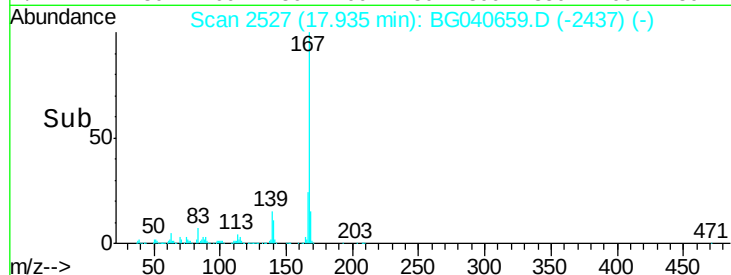
600000

400000

200000

0

Time-->



#74

Di-n-butylphthalate

Concen: 40.930 ng

RT: 18.47 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:149 Resp: 1419748

Ion Ratio Lower Upper

149 100

150 11.1 8.2 12.2

104 7.8 5.4 8.2

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.47

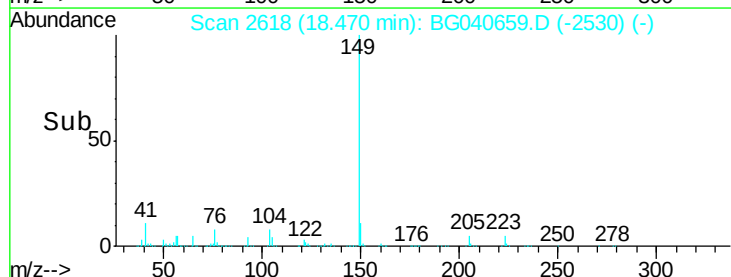
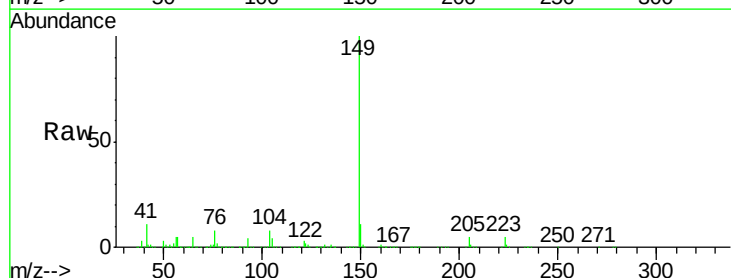
1500000

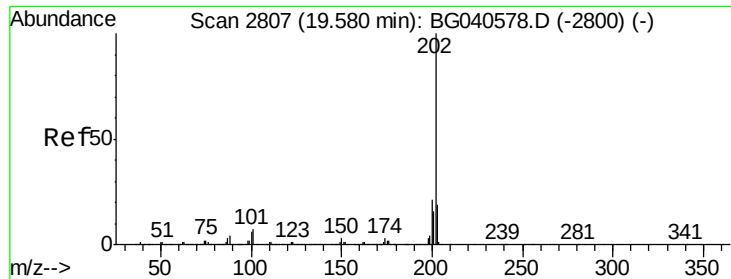
1000000

500000

0

Time-->





#75

Fluoranthene

Concen: 42.082 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

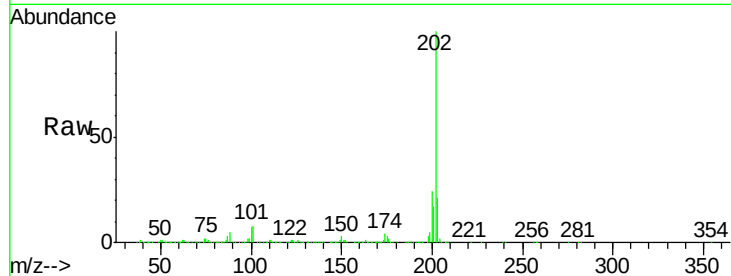
ClientSampleId :

PB119233BS

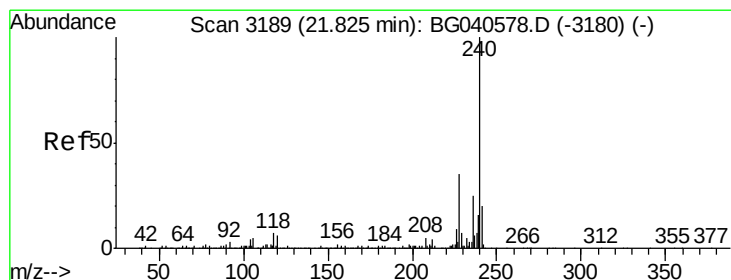
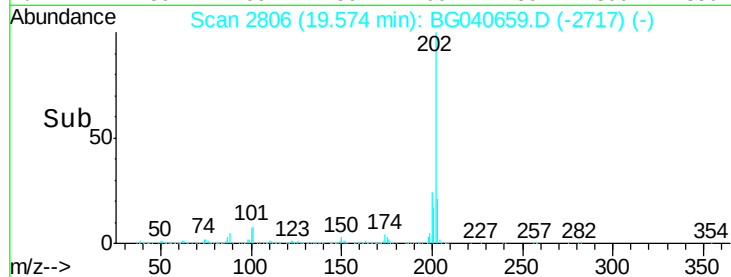
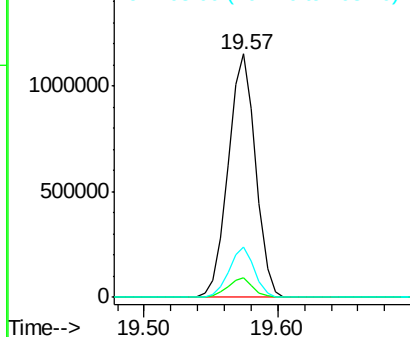
Tgt Ion:	202	Resp:	1645709
Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.5
203	20.6	0.0	39.3

Manual Integrations
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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

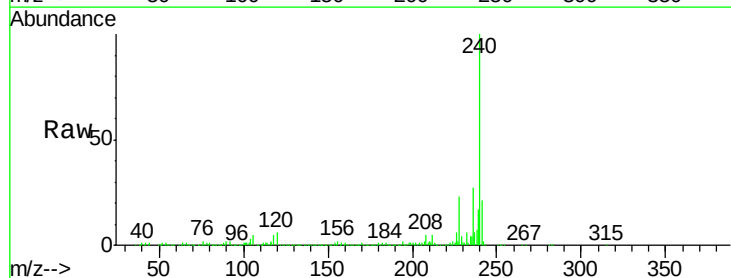
RT: 21.82 min Scan# 3189

Delta R.T. -0.00 min

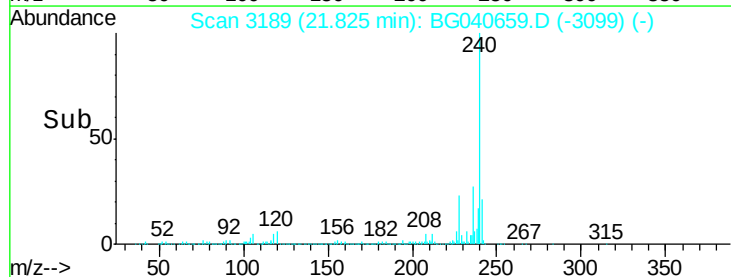
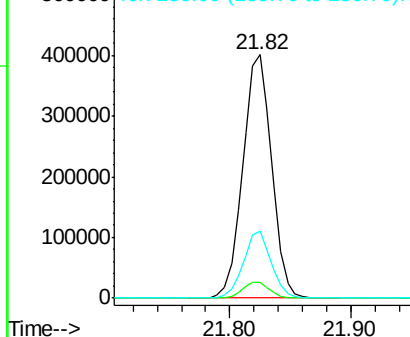
Lab File: BG040659.D

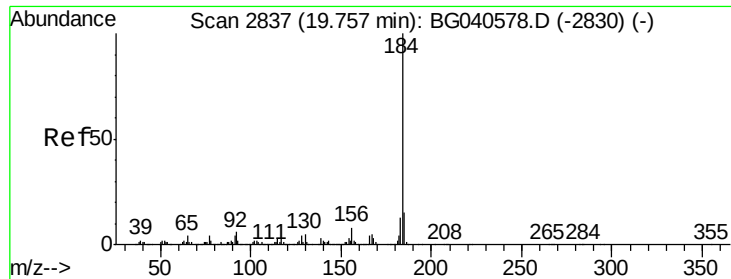
Acq: 29 Apr 2019 13:33

Tgt Ion:	240	Resp:	665895
Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.0	7.6
236	27.4	20.3	30.5



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: 18.631 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

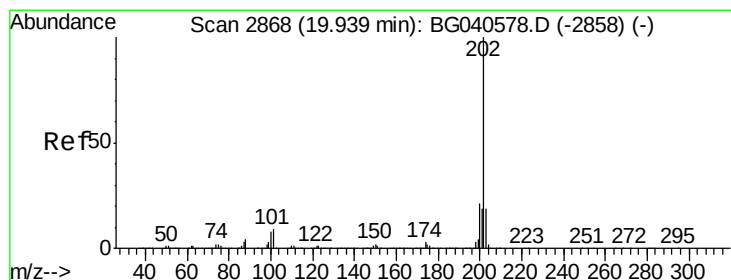
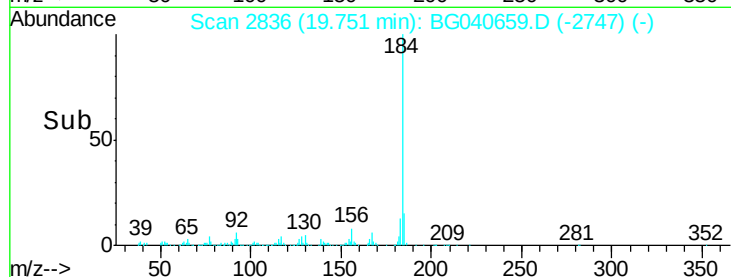
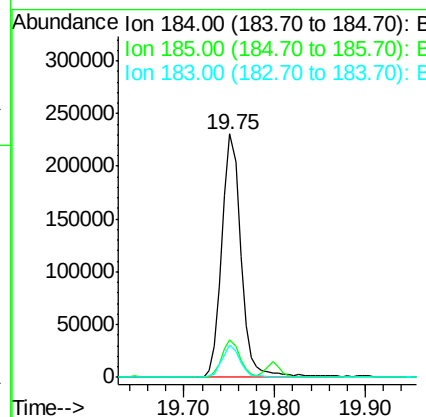
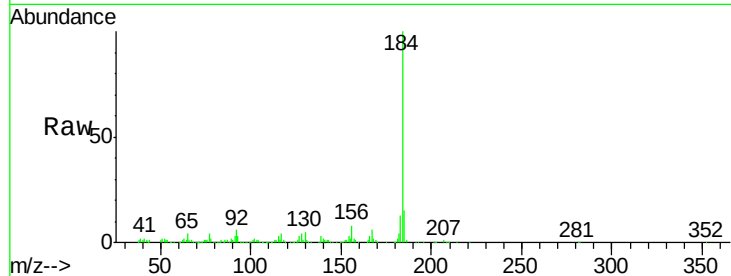
ClientSampleId :

PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	339697		
185	15.5		11.8	17.8
183	13.3		10.2	15.2

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#78

Pyrene

Concen: 38.367 ng

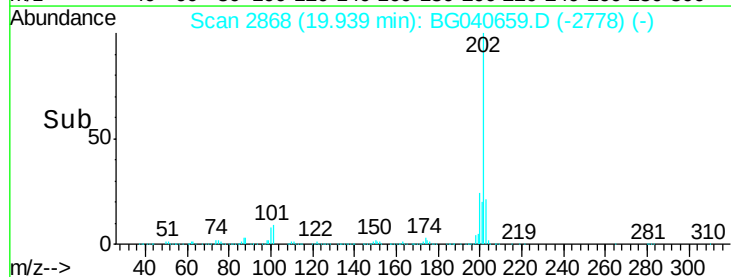
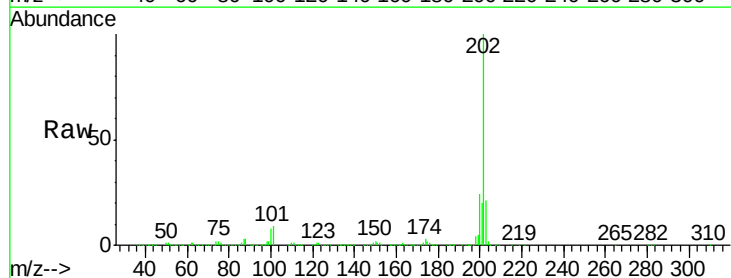
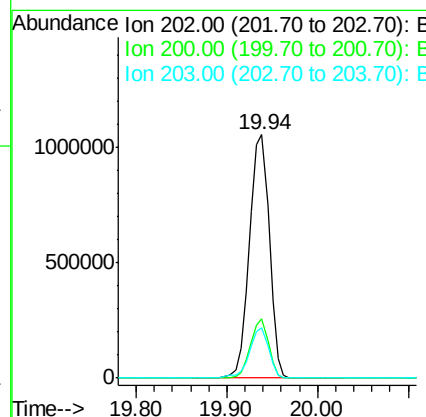
RT: 19.94 min Scan# 2868

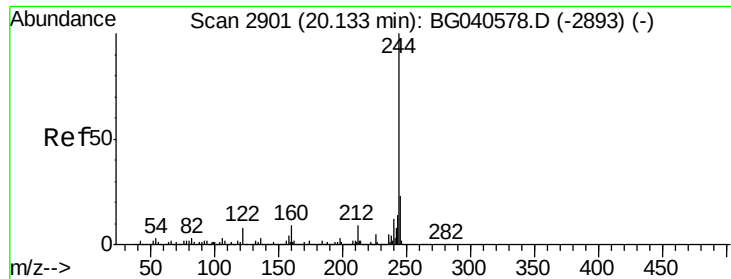
Delta R.T. -0.00 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1601280		
200	24.1		17.2	25.8
203	20.6		15.0	22.4





#79

Terphenyl-d14

Concen: 70.612 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

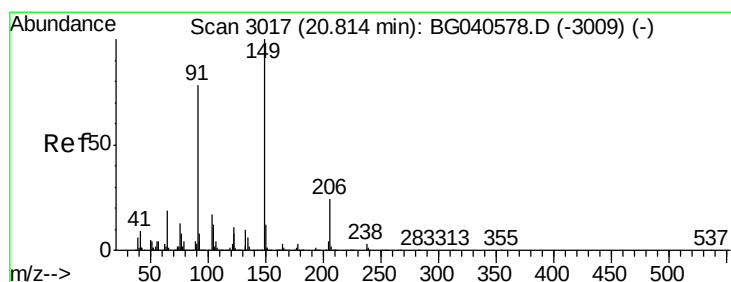
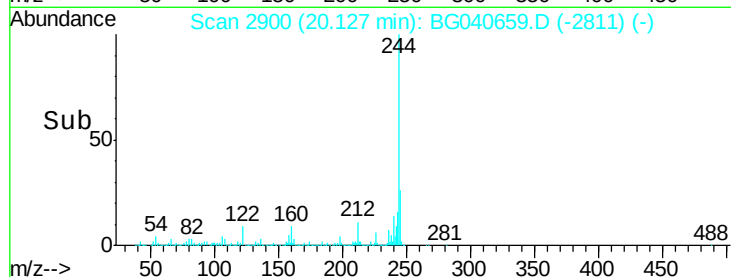
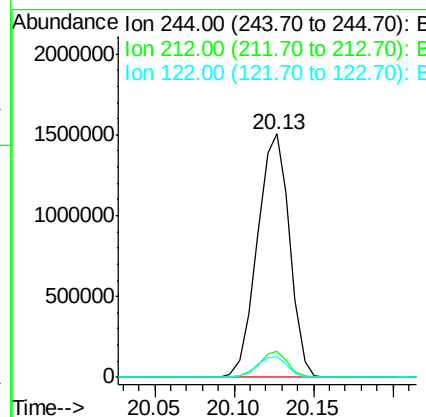
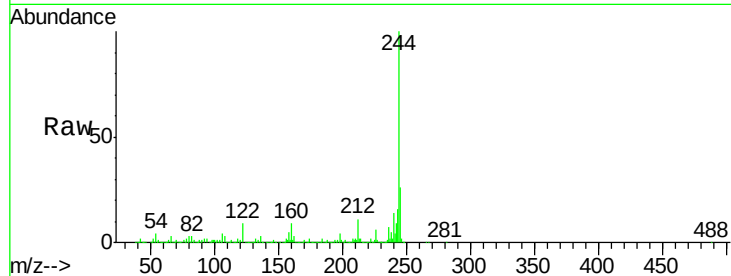
ClientSampleId :

PB119233BS

Tgt Ion:	244	Resp:	2122411
Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.2	10.8
122	8.7	6.6	10.0

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#80

Butylbenzylphthalate

Concen: 41.652 ng

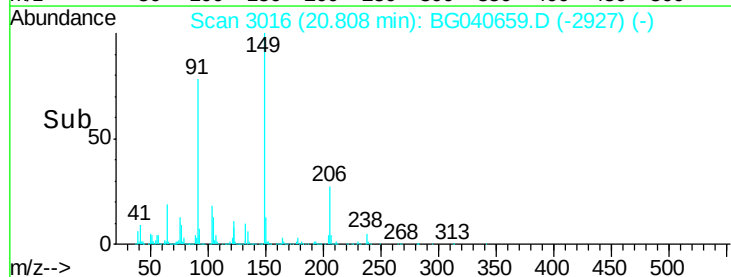
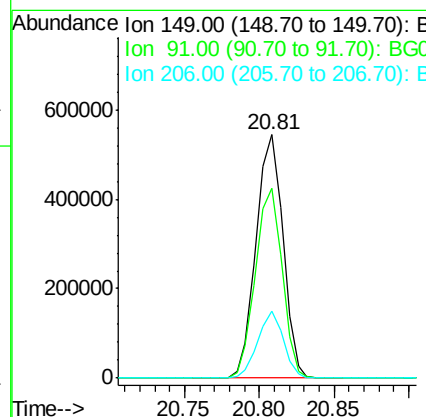
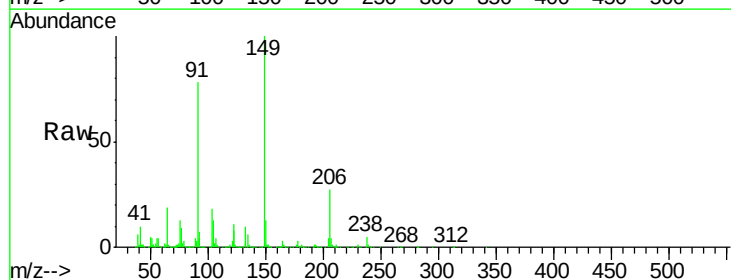
RT: 20.81 min Scan# 3016

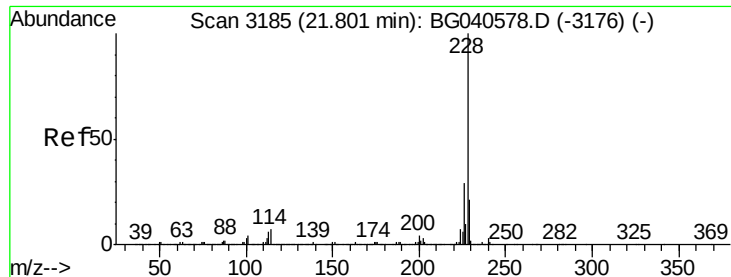
Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	149	Resp:	677538
Ion	Ratio	Lower	Upper
149	100		
91	77.8	62.6	93.8
206	27.3	19.4	29.2





#81

Benzo(a)anthracene

Concen: 38.602 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

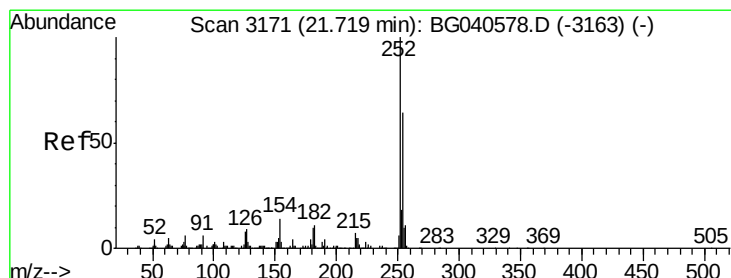
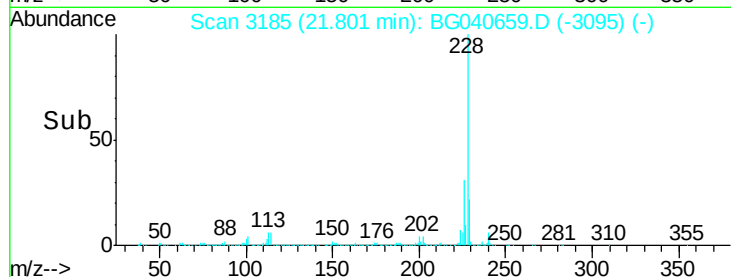
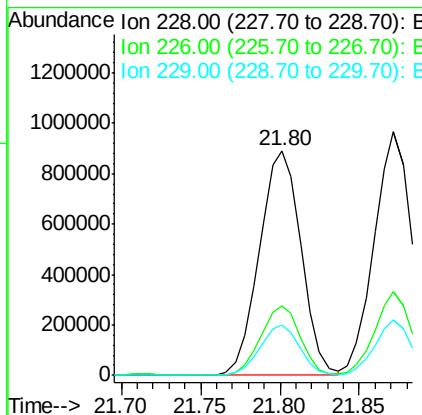
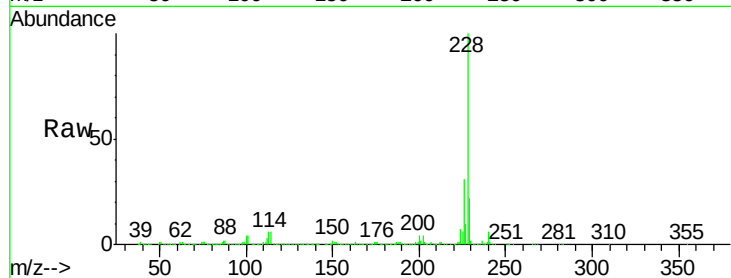
ClientSampleId :

PB119233BS

Tgt Ion:	228	Resp:	1624581
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.1	34.7
229	22.3	17.0	25.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 34.154 ng

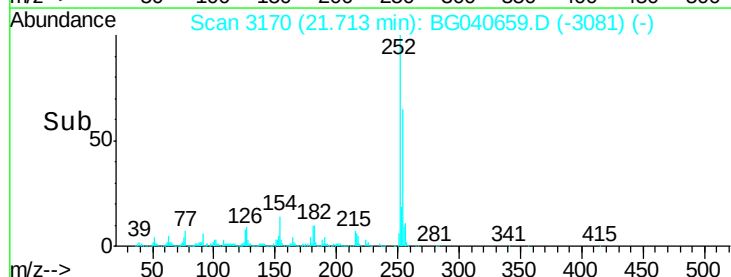
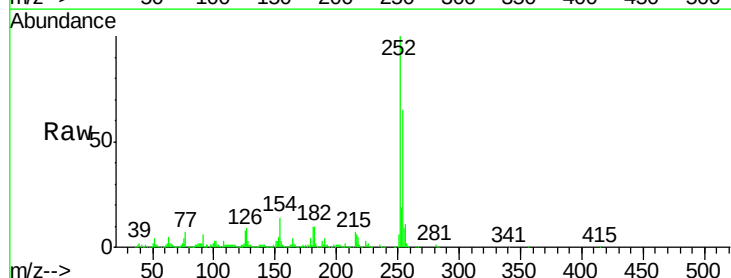
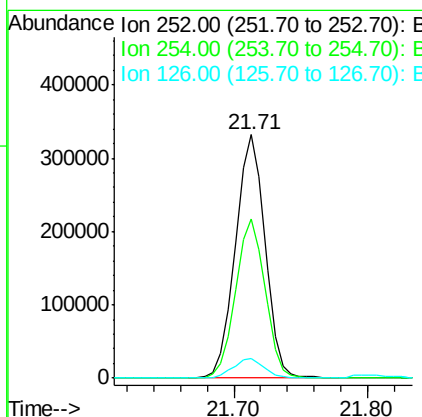
RT: 21.71 min Scan# 3170

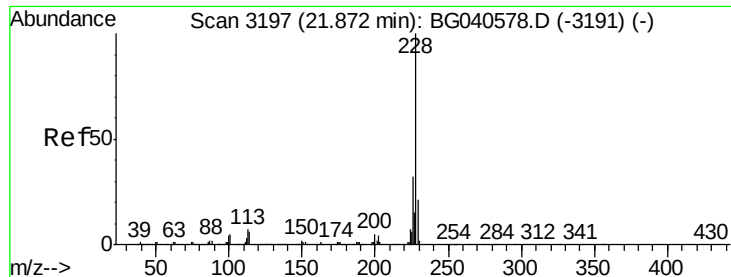
Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Tgt Ion:	252	Resp:	512312
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.2	76.8
126	8.3	6.6	10.0





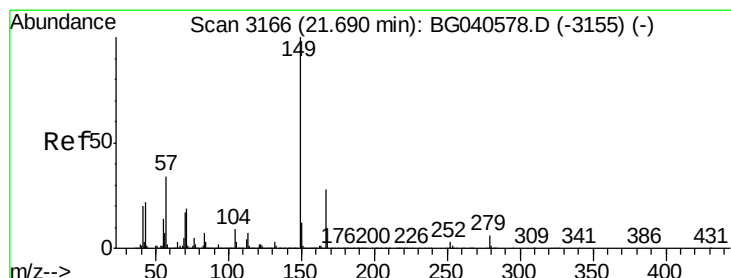
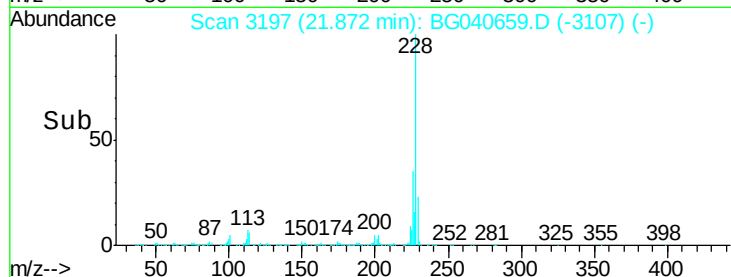
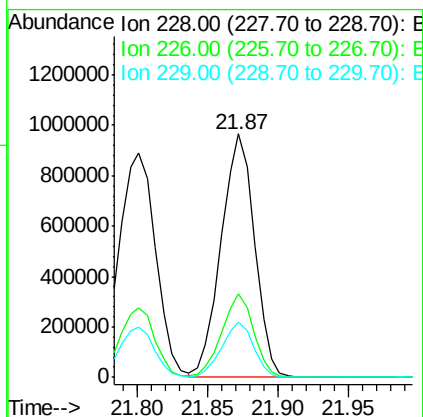
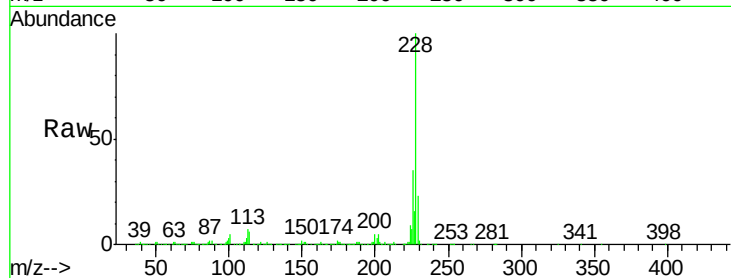
#83
Chrysene
 Concen: 39.705 ng
 RT: 21.87 min Scan# 3197
 Delta R.T. -0.00 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	25.5	38.3
229	22.6	16.8	25.2

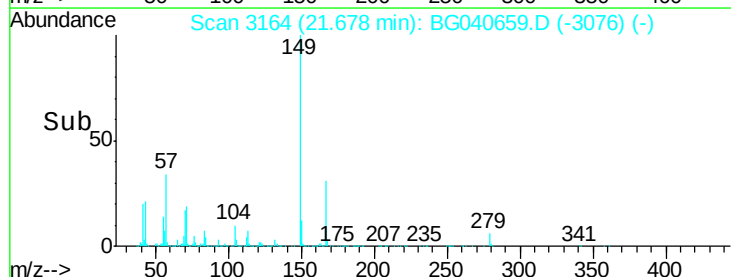
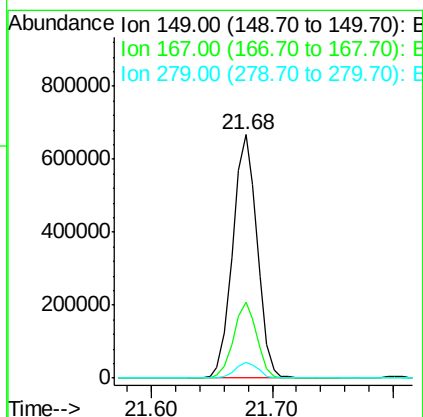
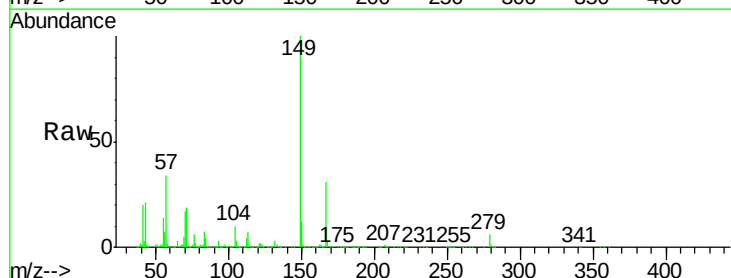
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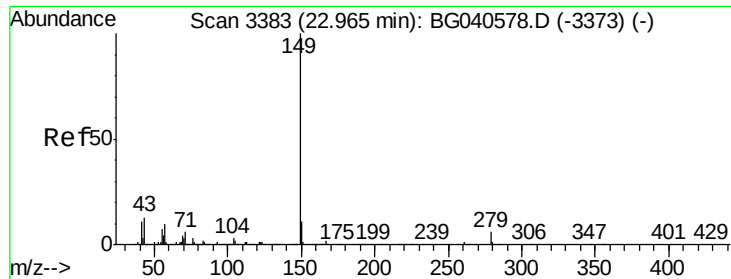
Sohil
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 40.057 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	22.4	33.6
279	6.3	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 40.430 ng

RT: 22.95 min Scan# 3380

Delta R.T. -0.02 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

Instrument :

BNA_G

ClientSampleId :

PB119233BS

Tgt Ion:149 Resp: 1598789

Ion Ratio Lower Upper

149 100

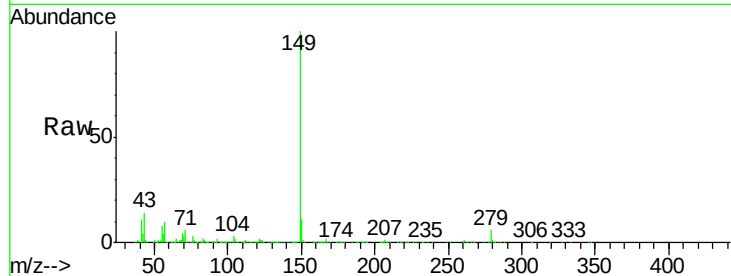
167 1.8 1.4 2.2

43 13.0 10.2 15.2

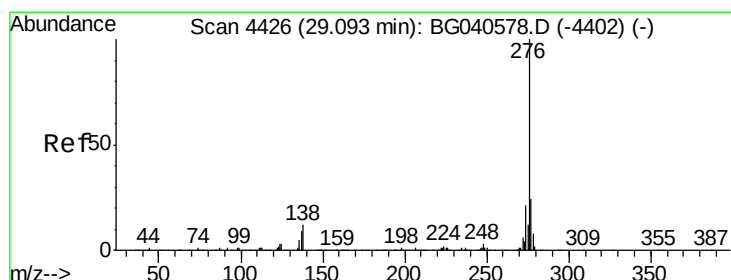
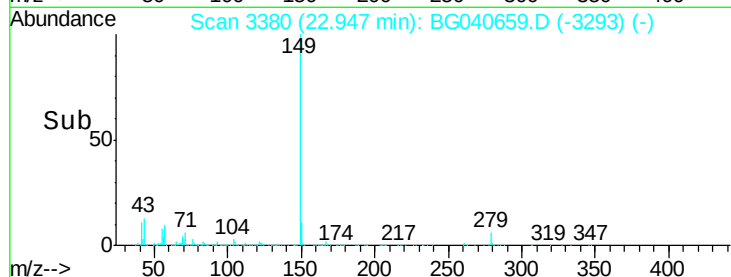
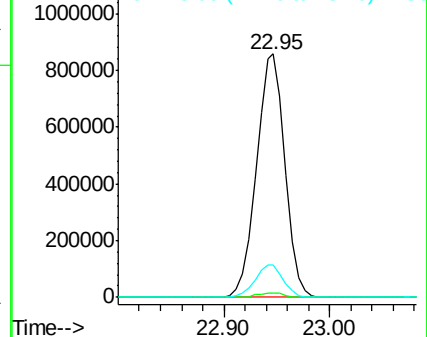
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.019 ng

RT: 29.09 min Scan# 4425

Delta R.T. -0.01 min

Lab File: BG040659.D

Acq: 29 Apr 2019 13:33

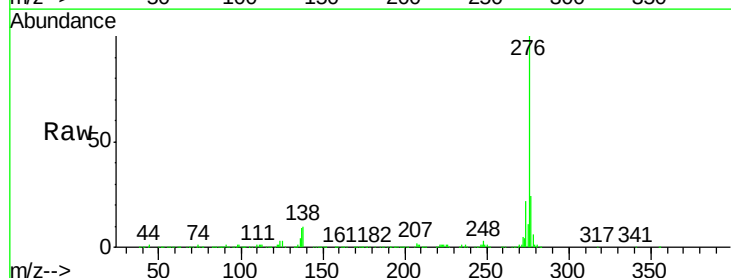
Tgt Ion:276 Resp: 1984972

Ion Ratio Lower Upper

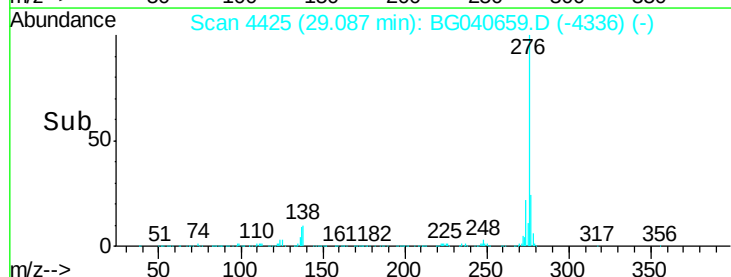
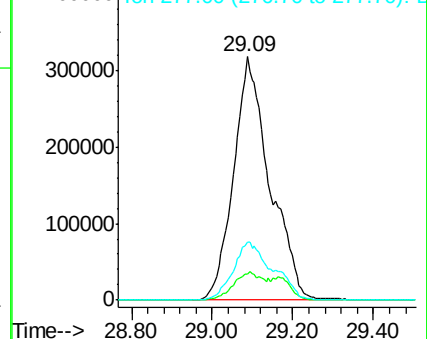
276 100

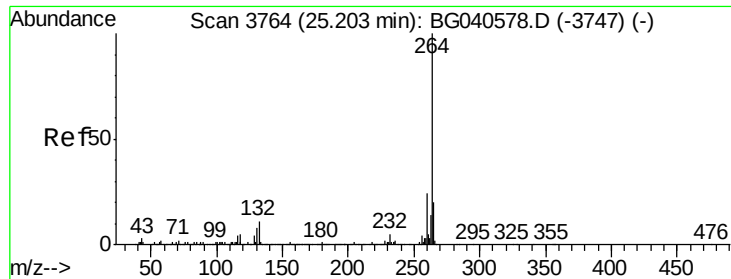
138 9.2 9.8 14.6#

277 26.1 17.3 25.9#



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





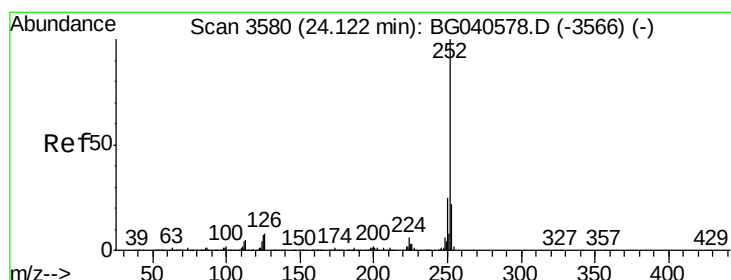
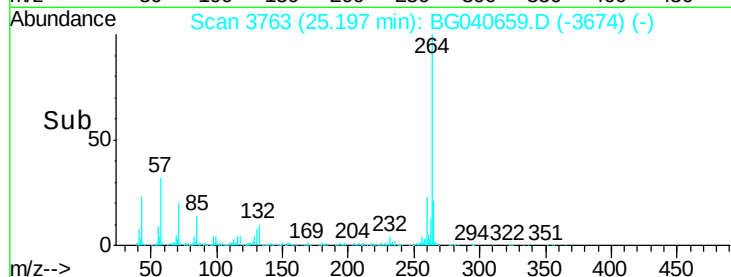
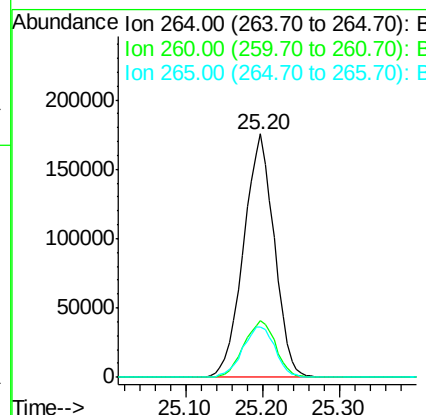
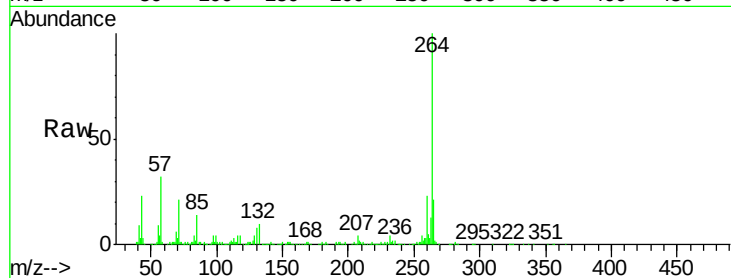
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3763
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB119233BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	488784		
260	23.2	19.2	28.8	
265	20.9	16.6	25.0	

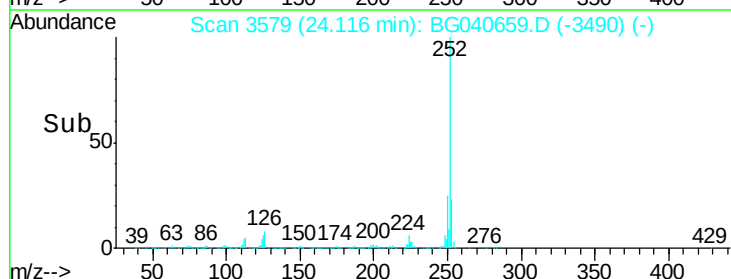
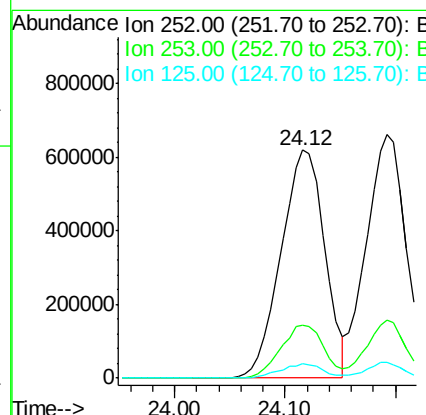
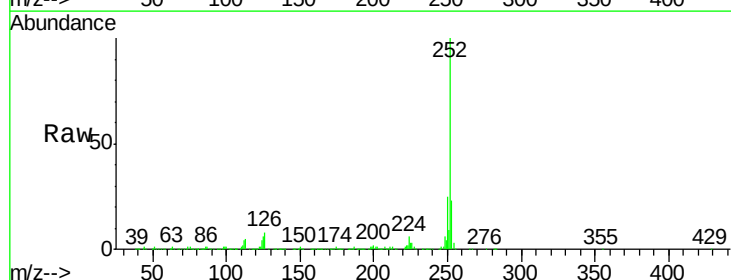
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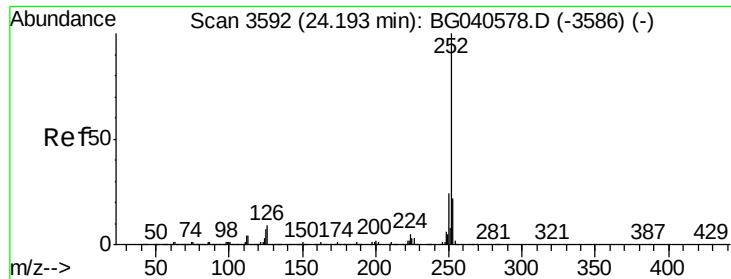
Sohil
 4/30/2019 6:44:39 PM



#88
 Benzo(b)fluoranthene
 Concen: 56.398 ng
 RT: 24.12 min Scan# 3579
 Delta R.T. -0.01 min
 Lab File: BG040659.D
 Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1684540		
253	23.2	17.6	26.4	
125	6.4	5.4	8.0	





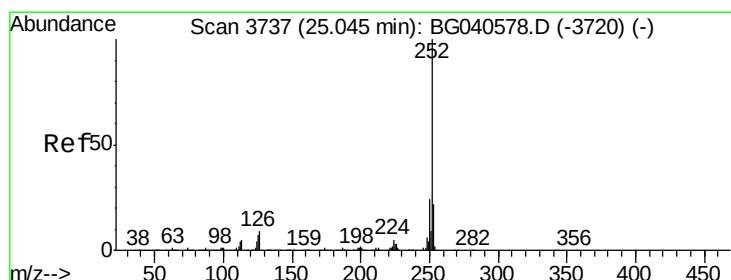
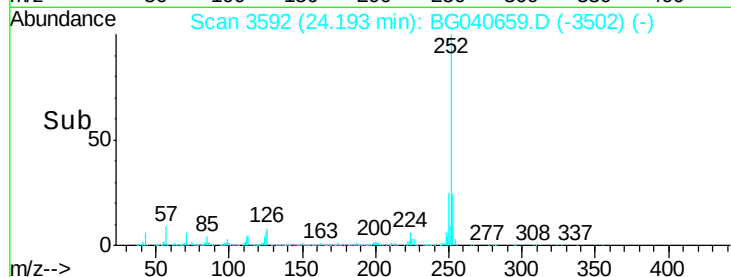
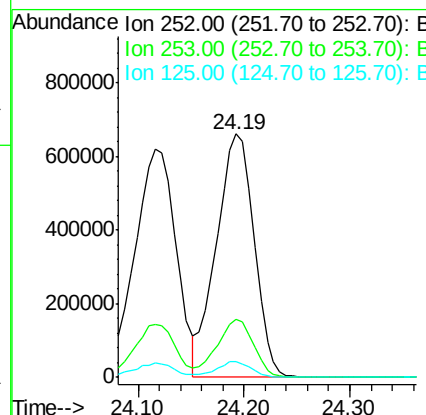
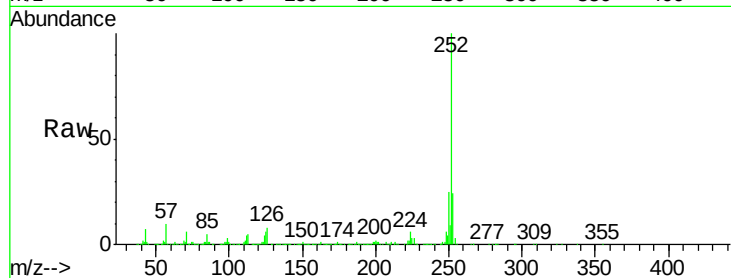
#89
Benzo(k)fluoranthene
Concen: 58.766 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB119233BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	6.3	5.5	8.3

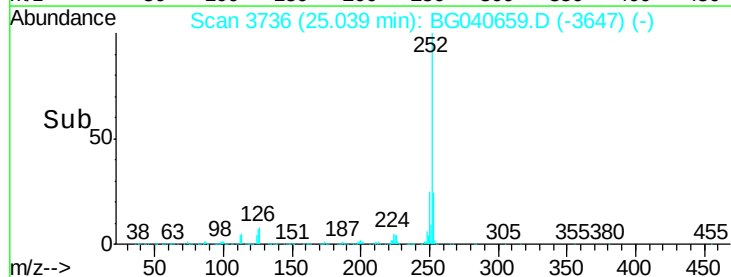
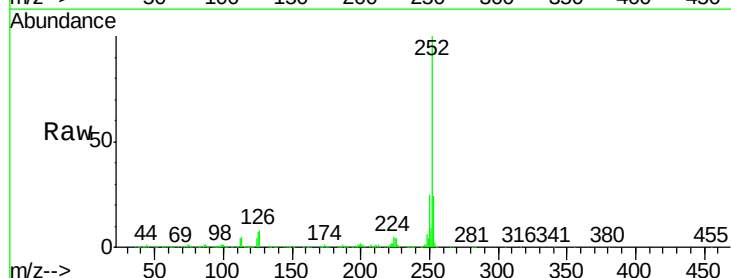
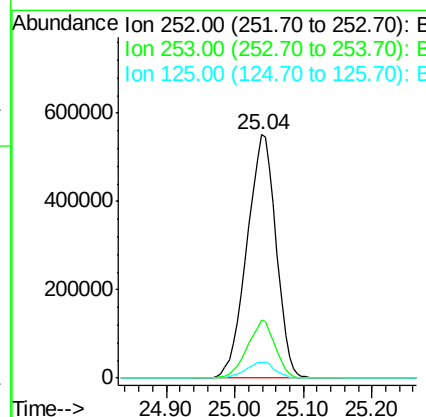
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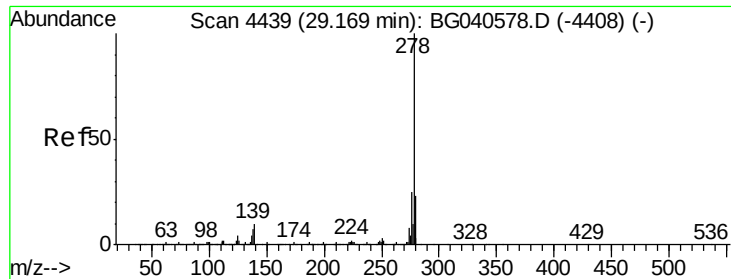
Sohil
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#90
Benzo(a)pyrene
Concen: 57.865 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	6.6	5.7	8.5





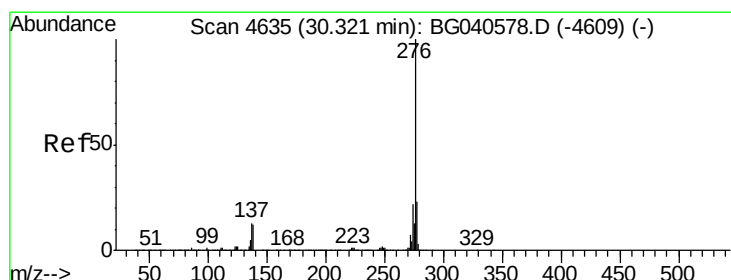
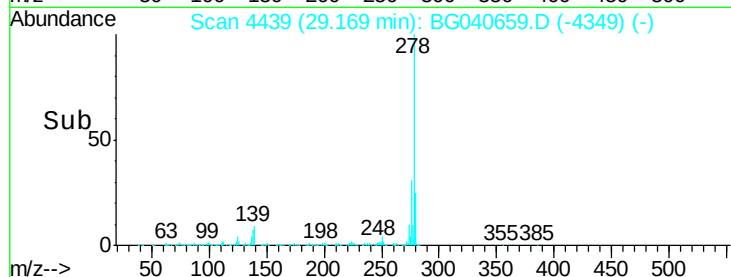
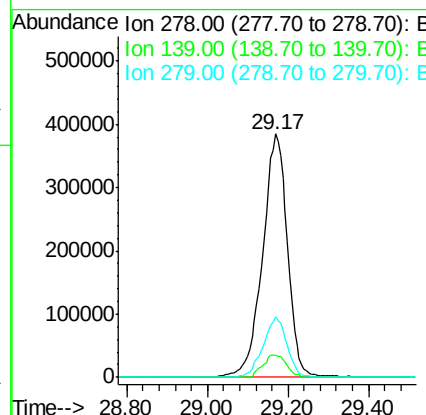
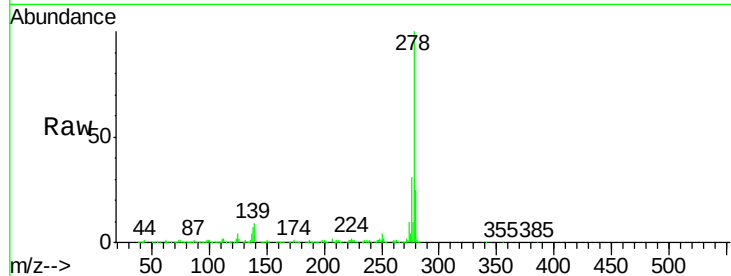
#91
Dibenzo(a,h)anthracene
Concen: 57.666 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.00 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Instrument :
BNA_G
ClientSampled :
PB119233BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.1	8.2	12.4
279	25.0	18.5	27.7

Manual Integrations
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4/30/2019 6:44:39 PM



#92
Benzo(g,h,i)perylene
Concen: 57.934 ng
RT: 30.33 min Scan# 4637
Delta R.T. 0.01 min
Lab File: BG040659.D
Acq: 29 Apr 2019 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	12.1	9.8	14.6

