

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040893.D
 Acq On : 12 May 2019 4:42
 Operator : HP/JU
 Sample : PB119655BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119655BS

Manual Integrations
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Sohil
 5/14/2019 8:01:49 PM

Quant Time: May 13 04:33:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	59629	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	238732	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	181190	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	467976	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	484287	20.00	ng	-0.04
87) Perylene-d12	25.14	264	448242	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	496461	146.76	ng	-0.02
7) Phenol-d6	7.28	99	723391	138.89	ng	-0.02
23) Nitrobenzene-d5	9.31	82	422290	81.73	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	392823	157.73	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	962519	76.72	ng	-0.03
79) Terphenyl-d14	20.10	244	1787861	81.79	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	47448	30.843	ng	# 91
3) Pyridine	3.94	79	128703	28.863	ng	99
4) n-Nitrosodimethylamine	3.86	42	78555	31.761	ng	# 90
6) Aniline	7.45	93	199654	28.921	ng	97
8) 2-Chlorophenol	7.69	128	163252	39.524	ng	95
9) Benzaldehyde	7.27	77	83676	23.333	ng	95
10) Phenol	7.30	94	223923	39.995	ng	96
11) bis(2-Chloroethyl)ether	7.55	93	148062	35.266	ng	99
12) 1,3-Dichlorobenzene	8.02	146	164046	36.388	ng	97
13) 1,4-Dichlorobenzene	8.17	146	167783	36.712	ng	98
14) 1,2-Dichlorobenzene	8.49	146	159694	36.233	ng	98
15) Benzyl Alcohol	8.37	79	188733	34.826	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	247279	29.583	ng	95
17) 2-Methylphenol	8.56	107	155234	39.179	ng	94
18) Hexachloroethane	9.22	117	63993	34.134	ng	96
19) n-Nitroso-di-n-propylamine	8.94	70	147367	31.432	ng	95
20) 3+4-Methylphenols	8.89	107	216109	39.153	ng	99
22) Acetophenone	8.96	105	272869	41.104	ng	# 93
24) Nitrobenzene	9.35	77	225569	40.919	ng	97
25) Isophorone	9.87	82	427413	37.138	ng	98
26) 2-Nitrophenol	10.06	139	100400	50.809	ng	99
27) 2,4-Dimethylphenol	10.10	122	179099	48.307	ng	99
28) bis(2-Chloroethoxy)methane	10.35	93	219720	38.052	ng	99
29) 2,4-Dichlorophenol	10.59	162	200024	47.456	ng	93
30) 1,2,4-Trichlorobenzene	10.81	180	199933	42.774	ng	99
31) Naphthalene	11.01	128	505259	39.837	ng	98
32) Benzoic acid	10.24	122	124647	49.110	ng	93
33) 4-Chloroaniline	11.12	127	155152	27.591	ng	93
34) Hexachlorobutadiene	11.27	225	147323	42.693	ng	99
35) Caprolactam	11.90	113	66180m	39.769	ng	
36) 4-Chloro-3-methylphenol	12.21	107	223225	41.981	ng	99
37) 2-Methylnaphthalene	12.60	142	389745	41.100	ng	99
38) 1-Methylnaphthalene	12.82	142	374684	40.423	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	278474	41.257	ng	98

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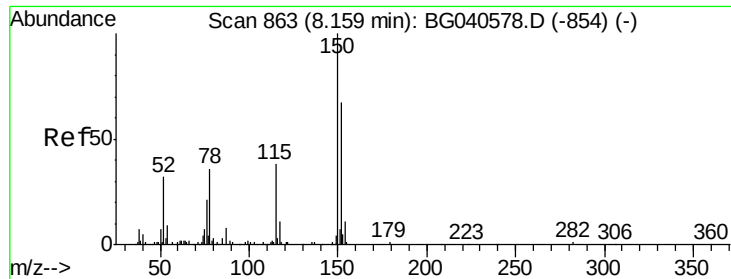
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	327237	82.160	ng	99
43) 2,4,6-Trichlorophenol	13.19	196	190326	46.661	ng	98
44) 2,4,5-Trichlorophenol	13.27	196	203555	45.811	ng	97
46) 1,1'-Biphenyl	13.60	154	529251	37.622	ng	97
47) 2-Chloronaphthalene	13.65	162	437754	39.762	ng	98
48) 2-Nitroaniline	13.85	65	167864	42.835	ng	97
49) Acenaphthylene	14.49	152	685580	36.704	ng	99
50) Dimethylphthalate	14.21	163	599207	39.526	ng	99
51) 2,6-Dinitrotoluene	14.34	165	132097	44.647	ng	90
52) Acenaphthene	14.83	154	408292	37.535	ng	95
53) 3-Nitroaniline	14.67	138	102168	33.701	ng	94
54) 2,4-Dinitrophenol	14.87	184	188040	109.821	ng	88
55) Dibenzofuran	15.16	168	698206	39.188	ng	99
56) 4-Nitrophenol	14.97	139	218507	83.124	ng	91
57) 2,4-Dinitrotoluene	15.13	165	192155	47.795	ng	# 89
58) Fluorene	15.81	166	555243	38.557	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	211938	47.388	ng	95
60) Diethylphthalate	15.56	149	604046	37.765	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	346025	41.314	ng	95
62) 4-Nitroaniline	15.84	138	134996	39.808	ng	94
63) Azobenzene	16.09	77	565448	34.327	ng	94
65) 4,6-Dinitro-2-methylphenol	15.88	198	119510	51.263	ng	92
66) n-Nitrosodiphenylamine	16.01	169	516464	37.511	ng	100
67) 4-Bromophenyl-phenylether	16.69	248	233558	40.059	ng	93
68) Hexachlorobenzene	16.80	284	240669	39.921	ng	94
69) Atrazine	16.95	200	219687	40.273	ng	98
70) Pentachlorophenol	17.15	266	319899	90.681	ng	98
71) Phenanthrene	17.55	178	940921	37.329	ng	99
72) Anthracene	17.64	178	960178	37.897	ng	98
73) Carbazole	17.91	167	848628	36.763	ng	99
74) Di-n-butylphthalate	18.45	149	1011436	36.302	ng	99
75) Fluoranthene	19.55	202	1243003	39.572	ng	99
77) Benzidine	19.73	184	463472	34.953	ng	99
78) Pyrene	19.92	202	1236012	40.721	ng	97
80) Butylbenzylphthalate	20.78	149	485283	41.021	ng	92
81) Benzo(a)anthracene	21.77	228	1230853	40.214	ng	99
82) 3,3'-Dichlorobenzidine	21.68	252	391906	35.924	ng	99
83) Chrysene	21.84	228	1201179	41.266	ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	665757	38.986	ng	# 95
85) Di-n-octyl phthalate	22.89	149	1130375	39.304	ng	96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1490336	42.347	ng	# 88
88) Benzo(b)fluoranthene	24.07	252	1278619	46.679	ng	97
89) Benzo(k)fluoranthene	24.14	252	1211722	47.368	ng	97
90) Benzo(a)pyrene	24.99	252	1230325	47.451	ng	98
91) Dibenzo(a,h)anthracene	29.06	278	1229323	46.852	ng	96
92) Benzo(g,h,i)perylene	30.22	276	1242475	47.580	ng	100

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



#1

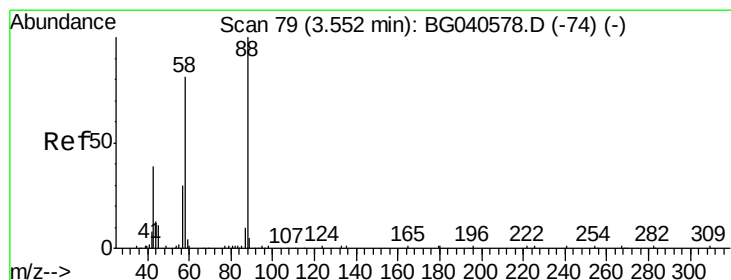
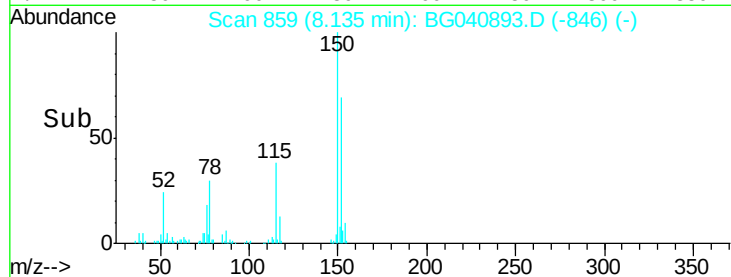
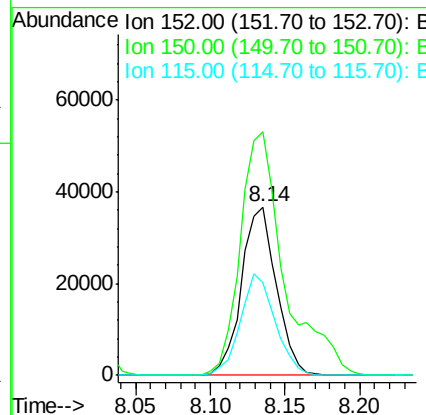
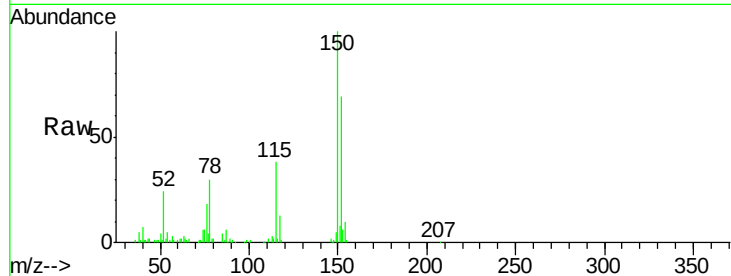
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	59629		
150	144.3	120.2	180.2	
115	55.2	46.2	69.2	

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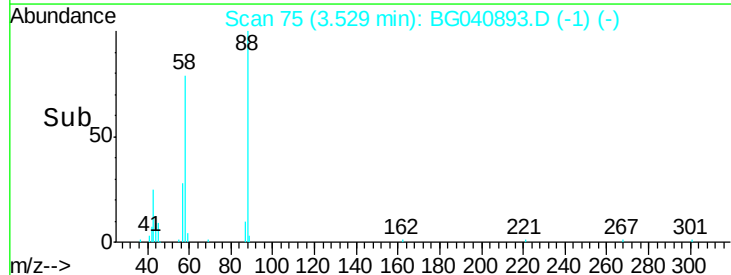
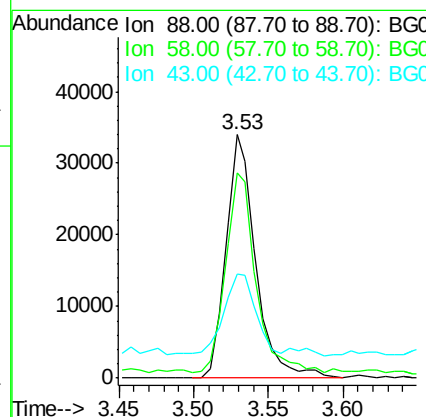
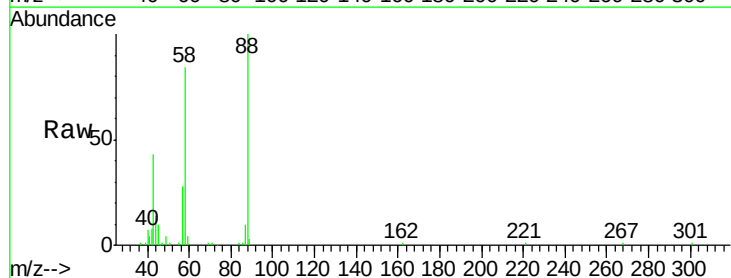
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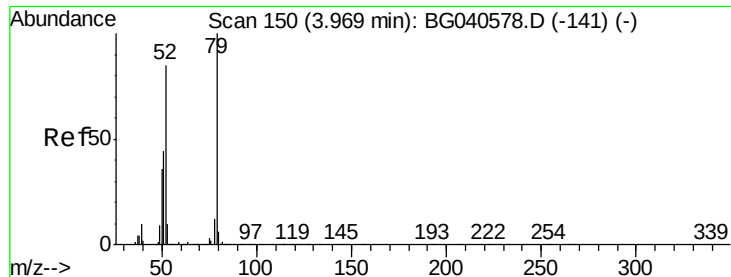


#2

1,4-Dioxane
Concen: 30.843 ng
RT: 3.53 min Scan# 75
Delta R.T. -0.02 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	47448		
58	83.6	71.2	106.8	
43	35.0	35.6	53.4	





#3

Pyridine

Concen: 28.863 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

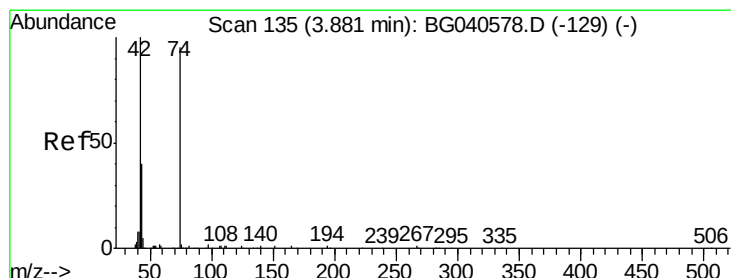
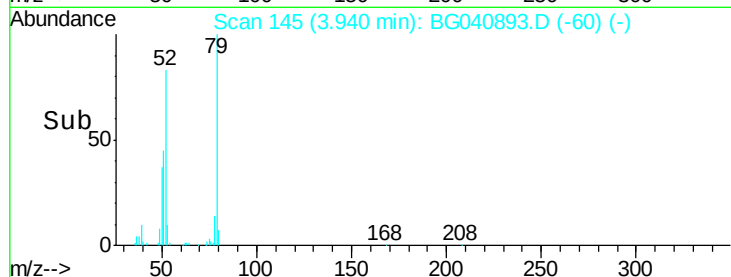
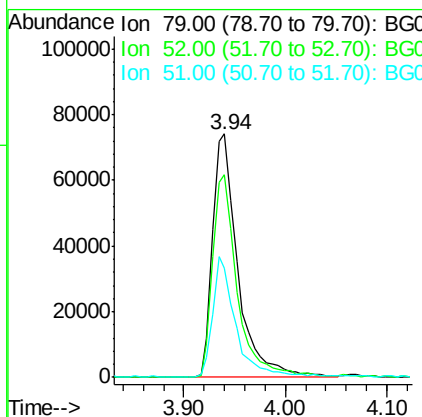
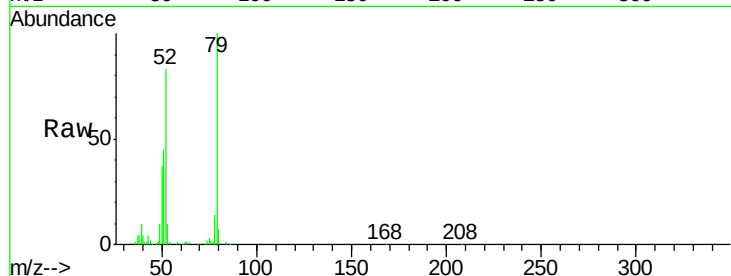
ClientSampleId :

PB119655BS

Tgt Ion:	79	Resp:	128703
Ion	Ratio	Lower	Upper
79	100		
52	83.1	67.5	101.3
51	44.9	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 31.761 ng

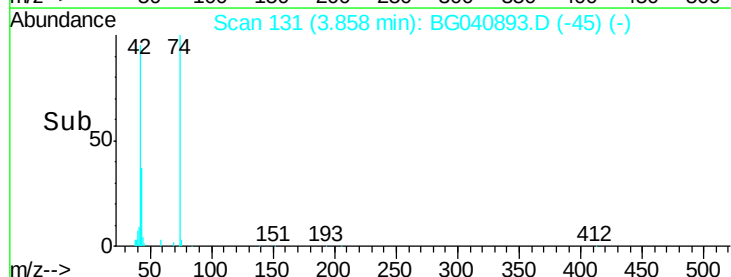
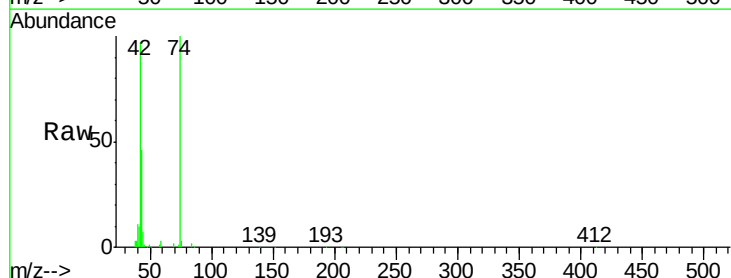
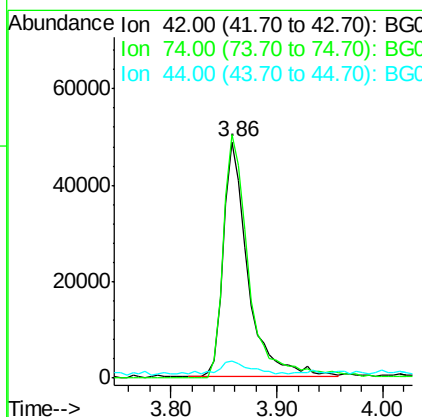
RT: 3.86 min Scan# 131

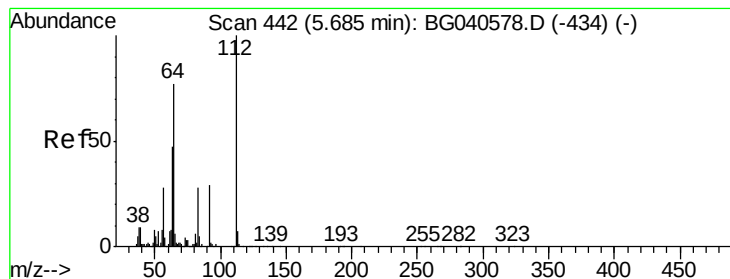
Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion:	42	Resp:	78555
Ion	Ratio	Lower	Upper
42	100		
74	103.0	74.6	111.8
44	7.2	7.4	11.0#





#5

2-Fluorophenol

Concen: 146.765 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

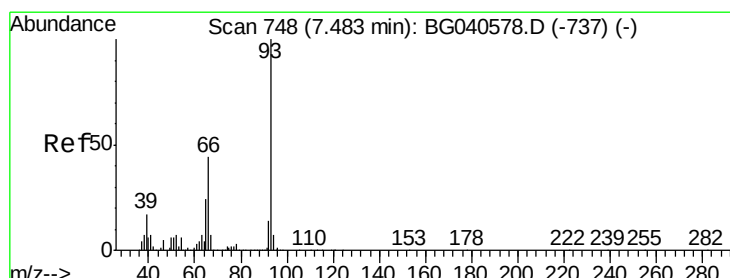
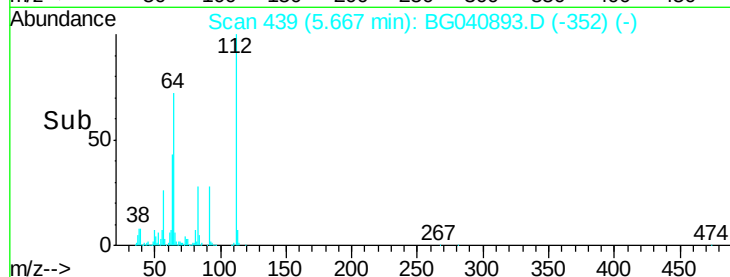
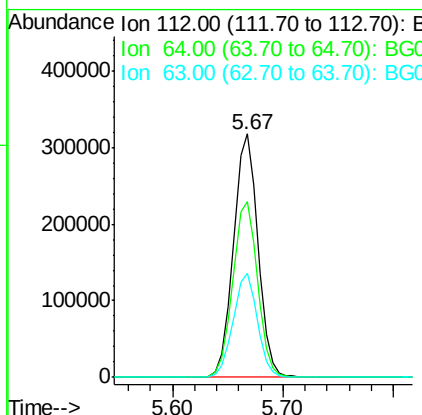
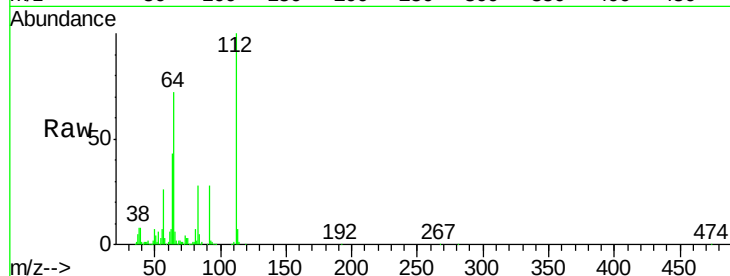
ClientSampleId :

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Tgt Ion:	112	Resp:	496461
Ion Ratio	Lower	Upper	
112	100		
64	72.3	61.4	92.0
63	42.8	37.8	56.6

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#6

Aniline

Concen: 28.921 ng

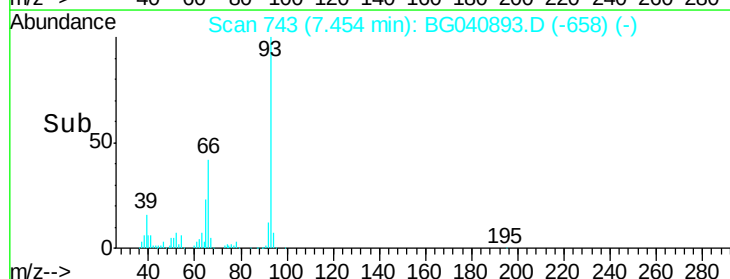
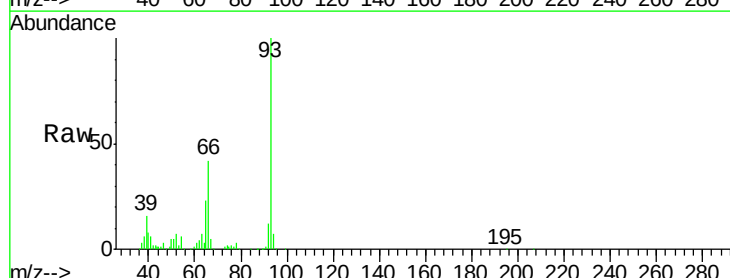
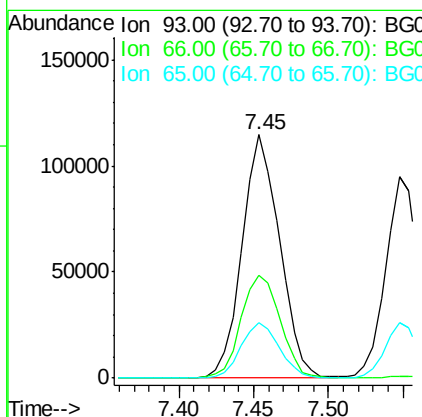
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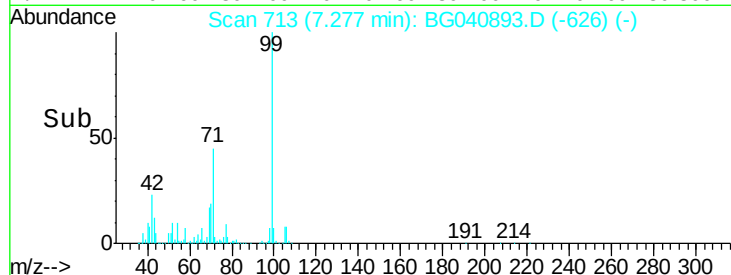
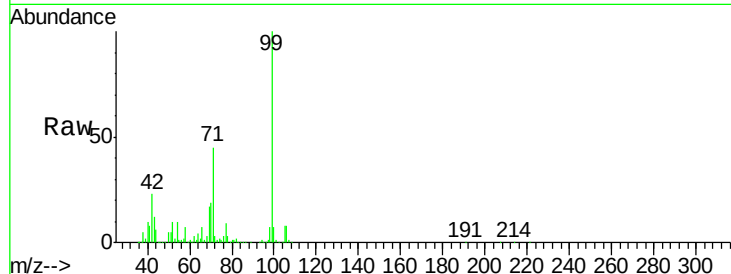
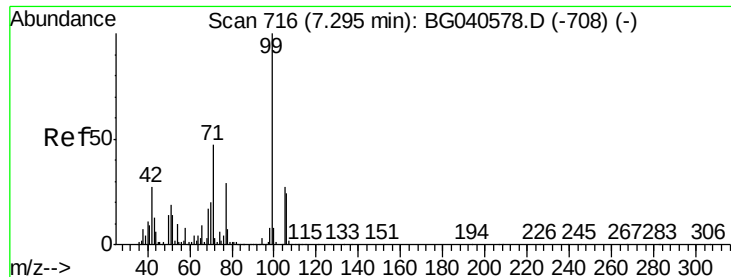
Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion:	93	Resp:	199654
Ion Ratio	Lower	Upper	
93	100		
66	42.0	35.5	53.3
65	22.7	19.2	28.8





#7

Phenol-d6

Concen: 138.889 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		723391		
42	23.0	21.8	32.8		
71	45.3	38.6	57.8		

Instrument :

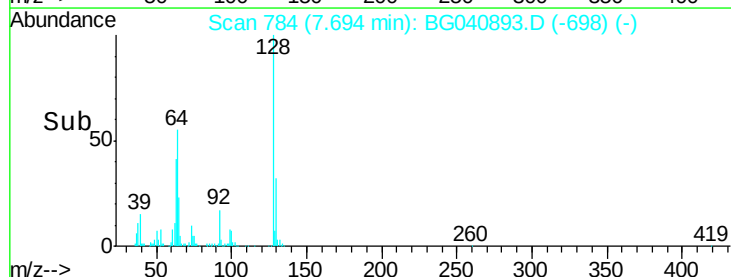
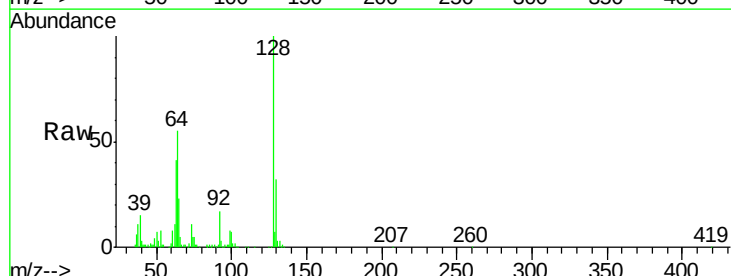
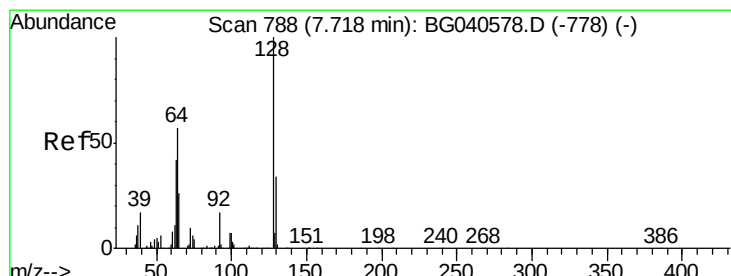
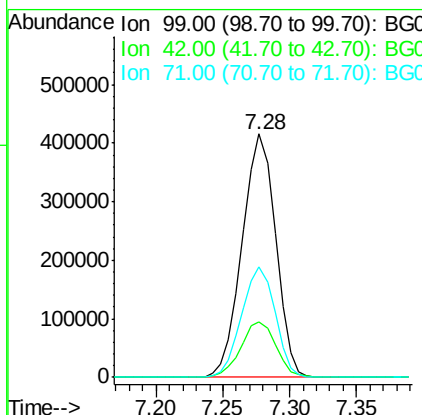
BNA_G

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#8

2-Chlorophenol

Concen: 39.524 ng

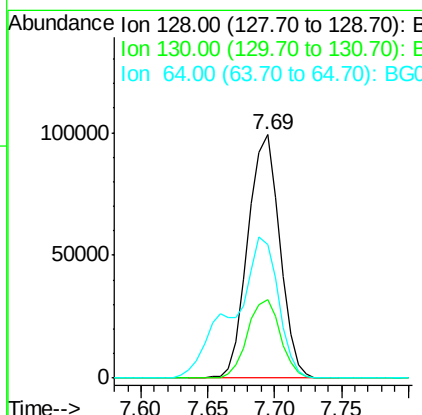
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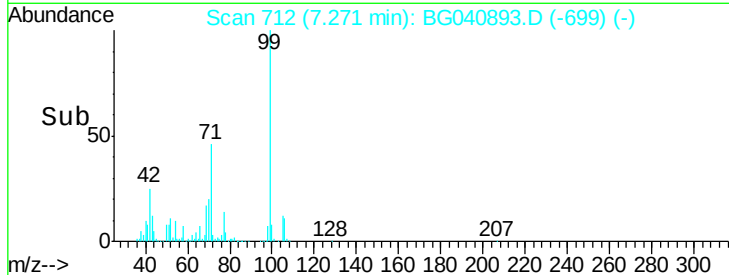
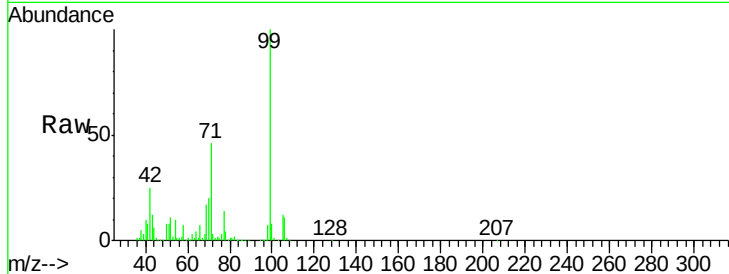
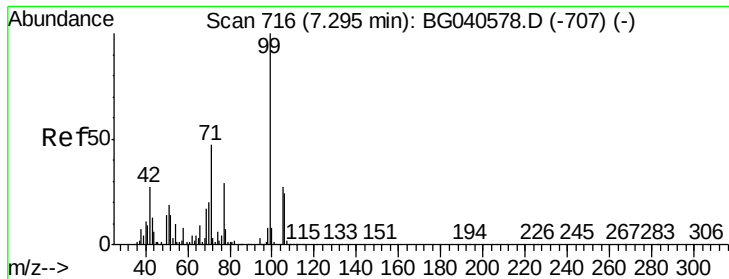
Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		163252		
130	32.0	14.5	54.5		
64	54.8	38.4	78.4		





#9

Benzaldehyde

Concen: 23.333 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion:	77	Resp:	83676
Ion	Ratio	Lower	Upper
77	100		
105	86.5	72.0	112.0
106	85.0	61.2	101.2

Instrument :

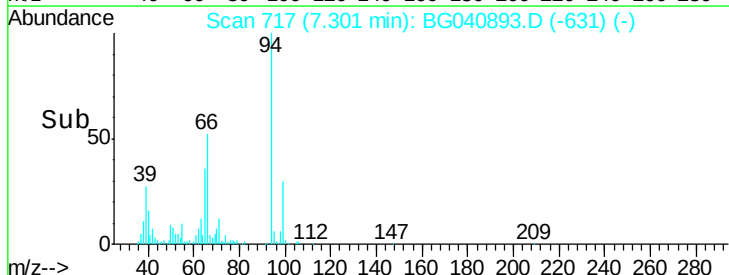
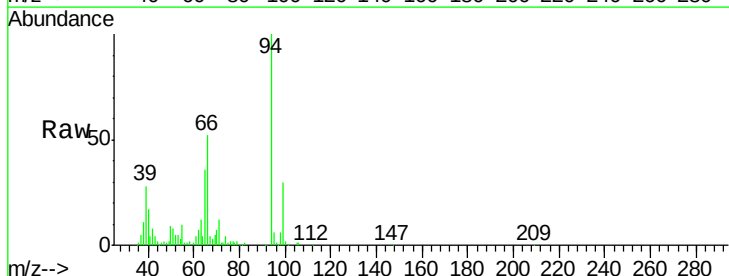
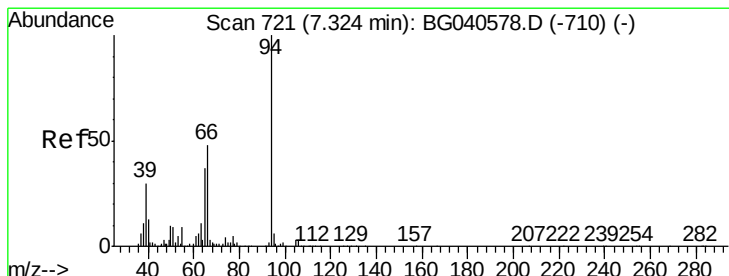
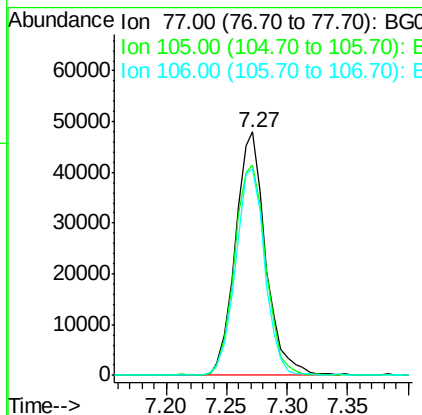
BNA_G

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#10

Phenol

Concen: 39.995 ng

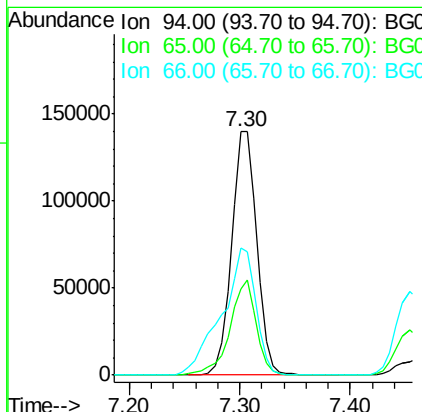
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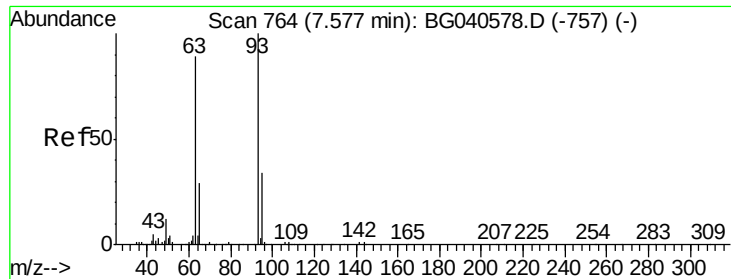
Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion:	94	Resp:	223923
Ion	Ratio	Lower	Upper
94	100		
65	35.6	17.0	57.0
66	52.0	28.6	68.6





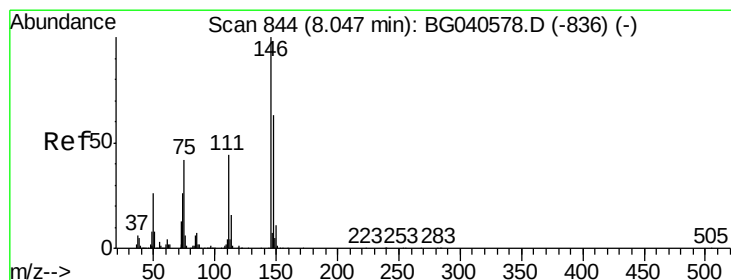
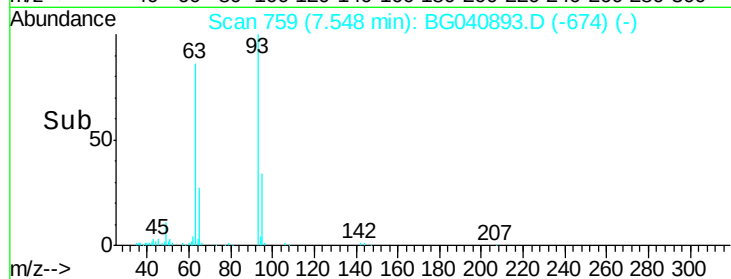
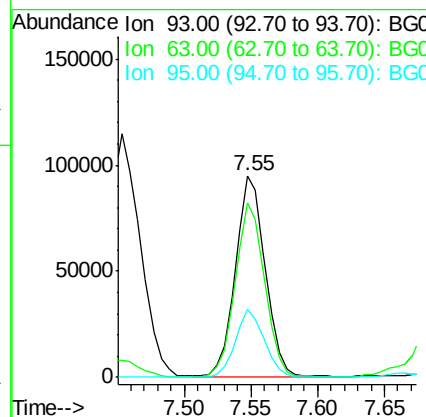
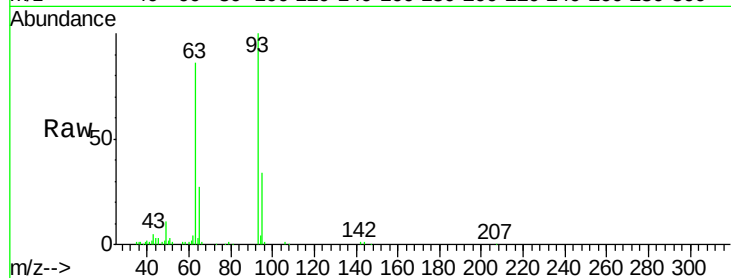
#11
bis(2-Chloroethyl)ether
Concen: 35.266 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	86.4	68.2	108.2
95	34.1	14.3	54.3

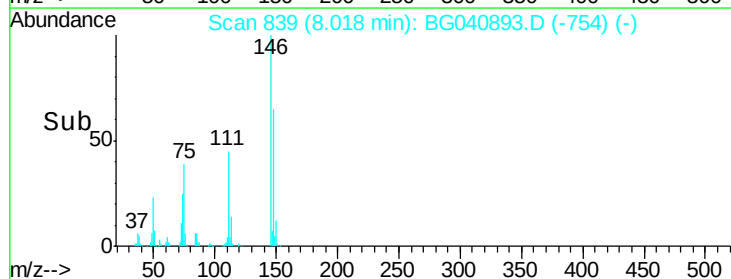
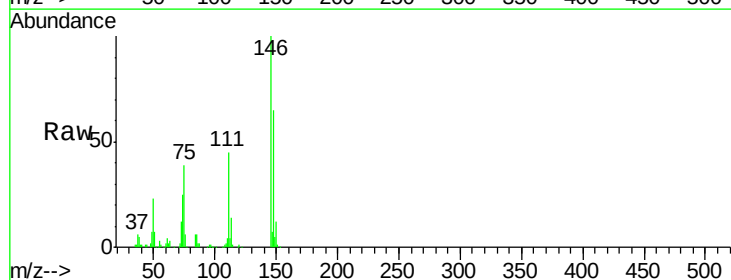
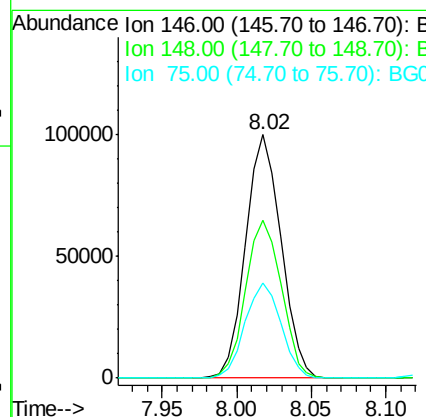
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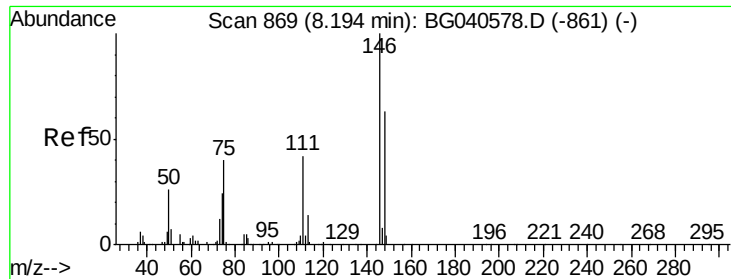
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.388 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.9	50.7	76.1
75	39.0	33.4	50.2





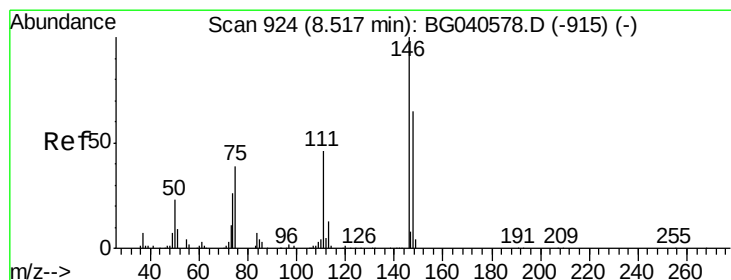
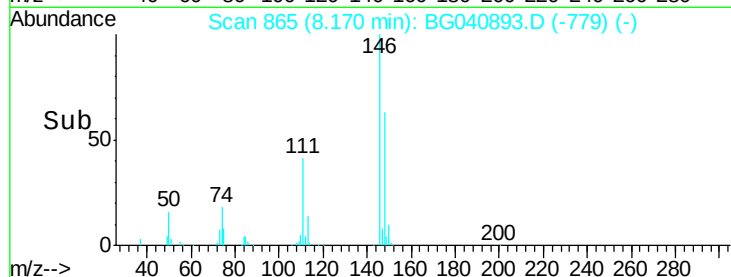
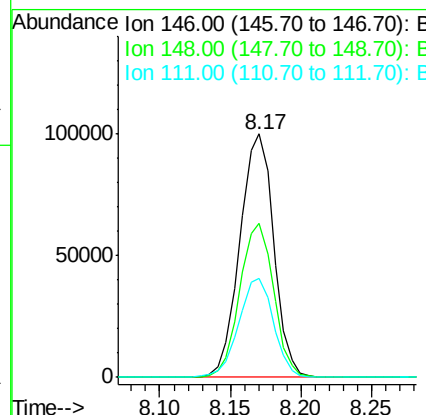
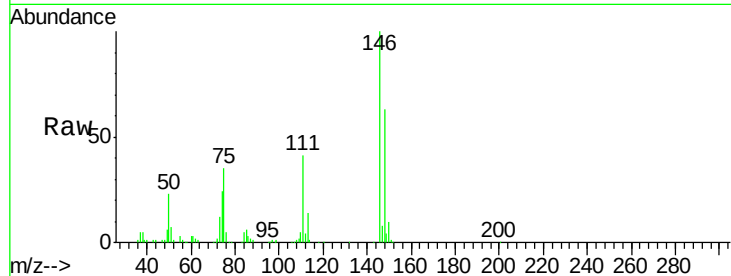
#13
 1,4-Dichlorobenzene
 Concen: 36.712 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Instrument :
 BNA_G
 ClientSampled :
 PB119655BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	40.6	34.3	51.5

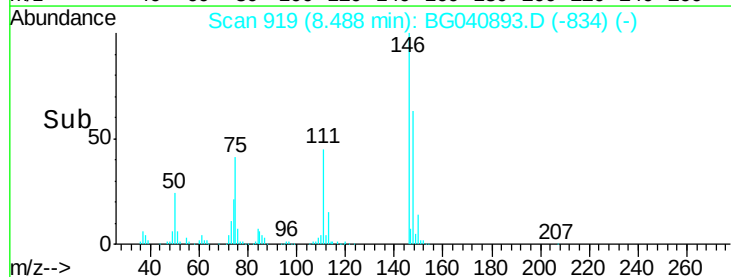
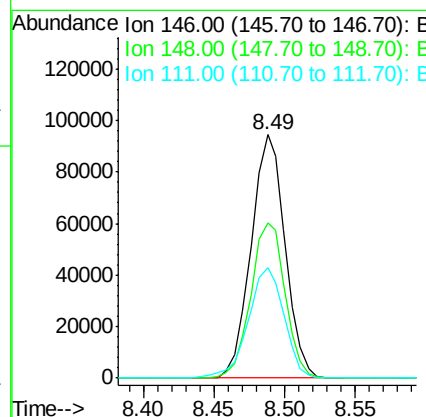
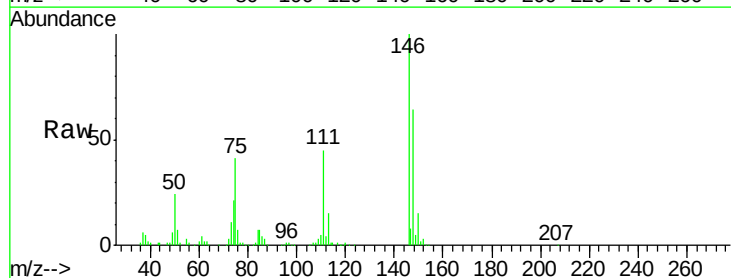
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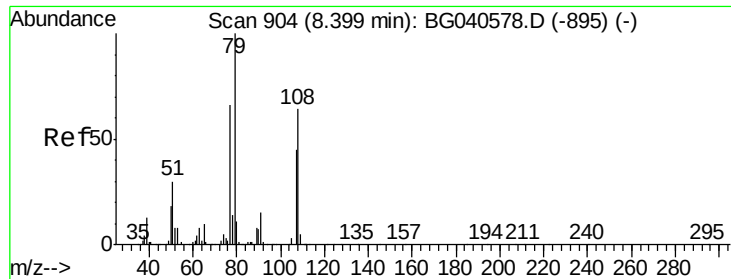
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.233 ng
 RT: 8.49 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.4
111	45.5	37.4	56.0





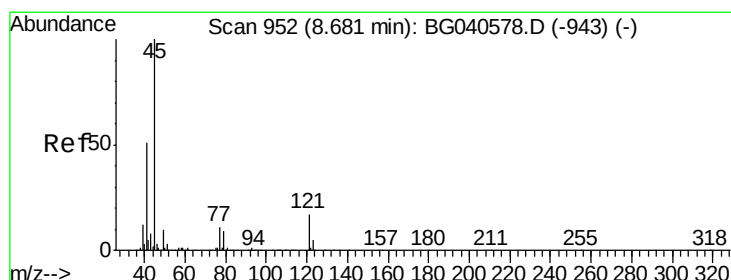
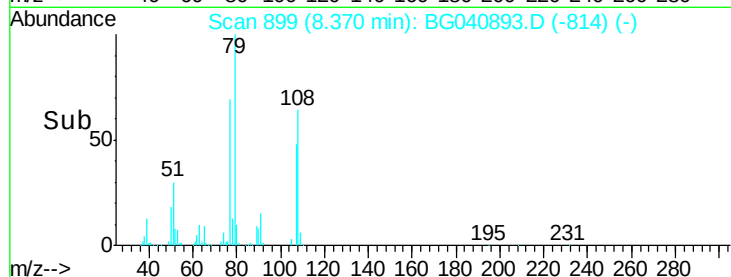
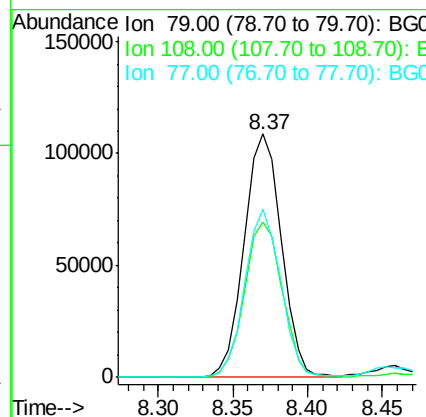
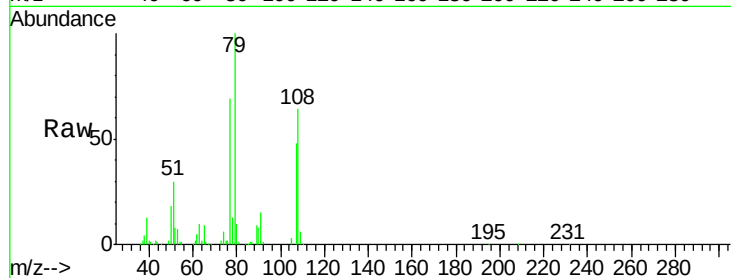
#15
Benzyl Alcohol
Concen: 34.826 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampled :
PB119655BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	63.7	51.4	77.0
77	69.1	52.6	79.0

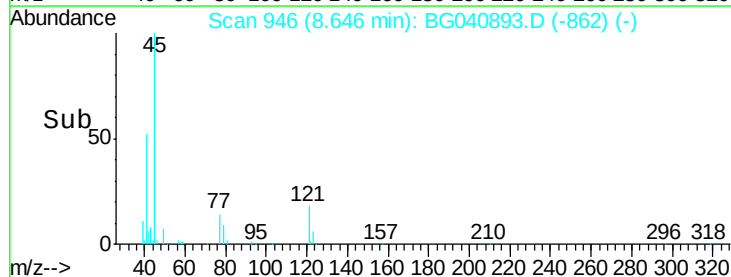
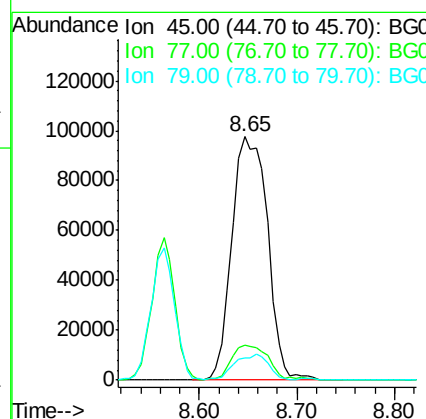
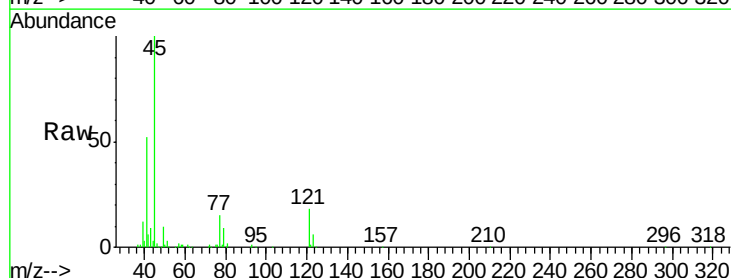
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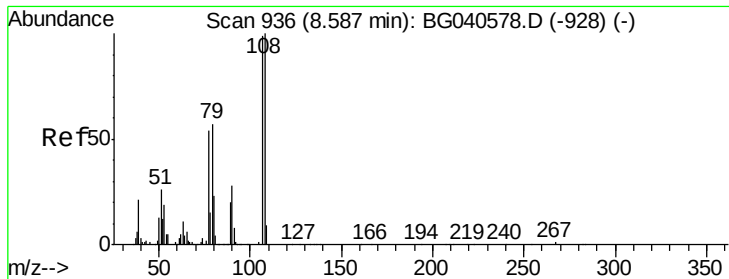
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.583 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.04 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	31.5
79	9.2	0.0	29.4





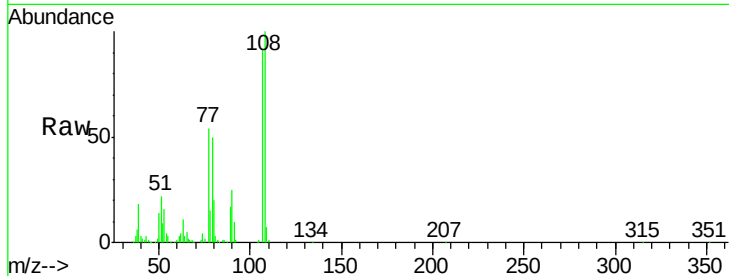
#17
2-Methylphenol
Concen: 39.179 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	81.2	121.8	
77	58.8	44.4	66.6	
79	54.5	47.0	70.4	

Manual Integrations
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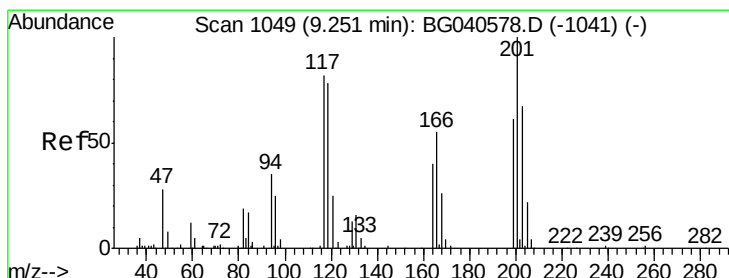
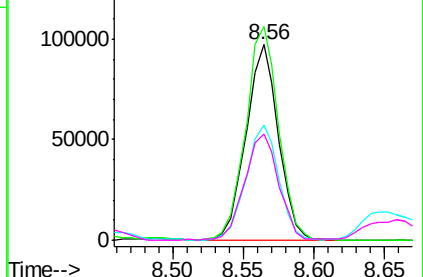
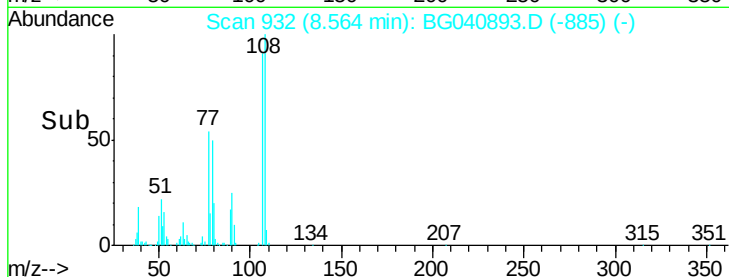
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

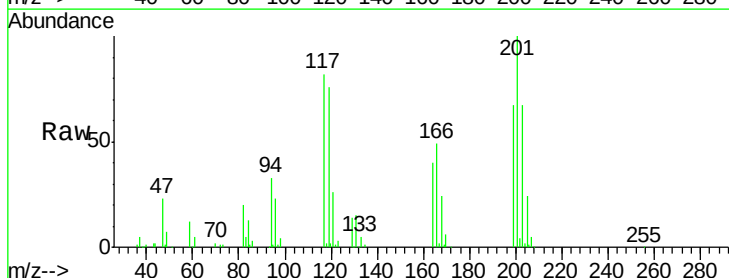
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 34.134 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.04 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	76.6	114.8	
201	121.3	101.0	151.6	

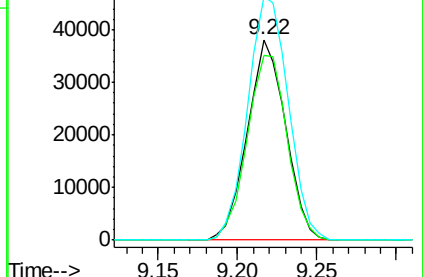
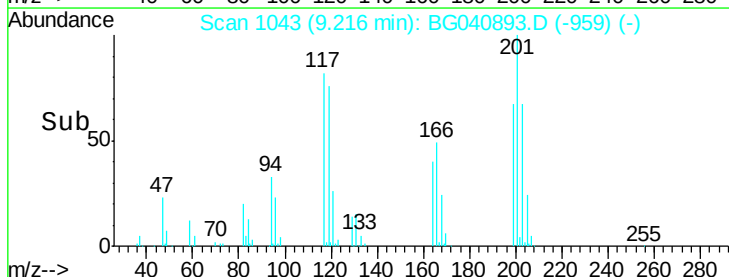


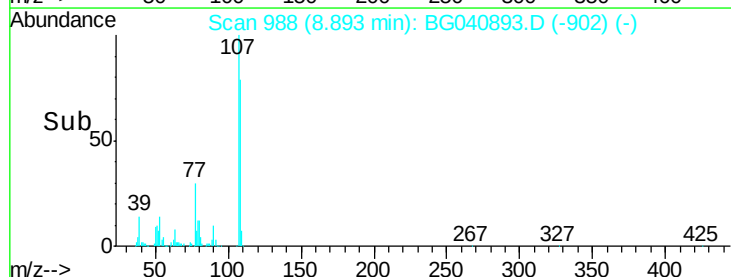
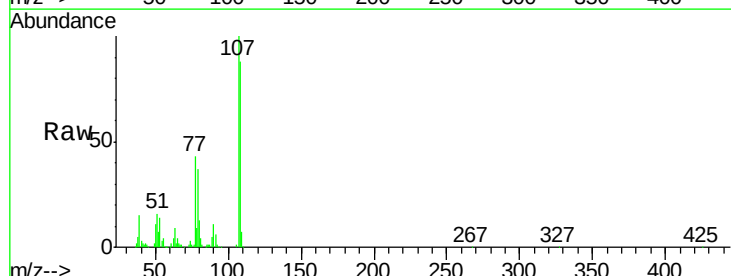
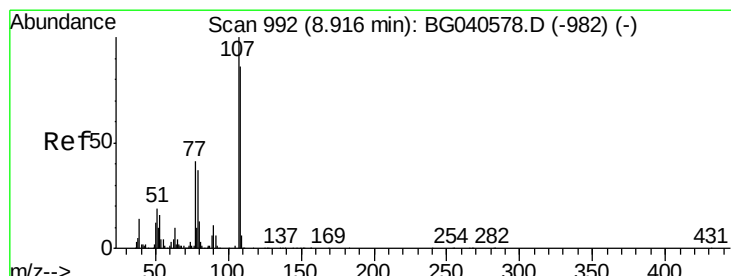
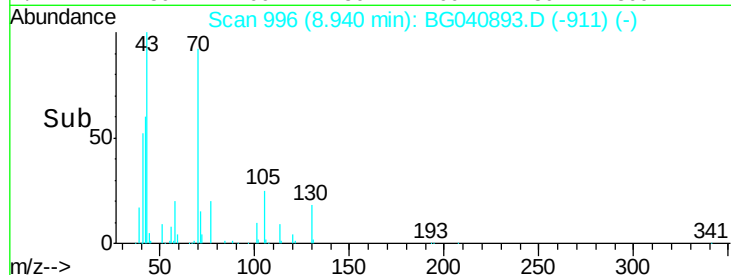
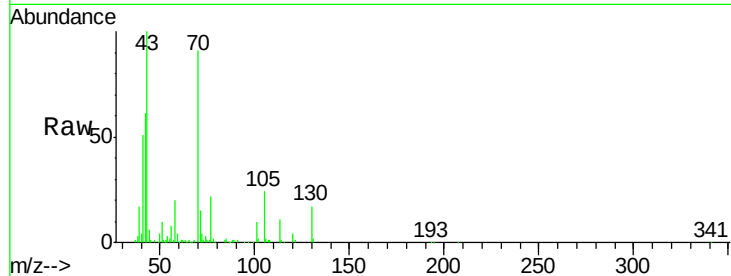
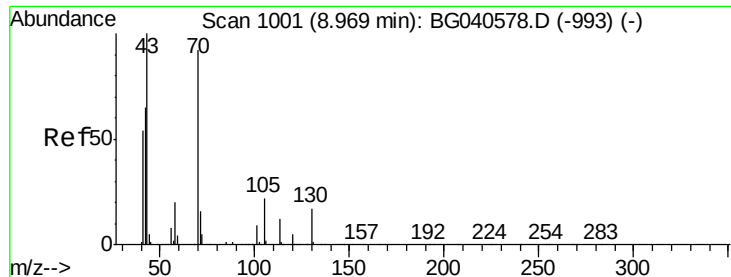
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

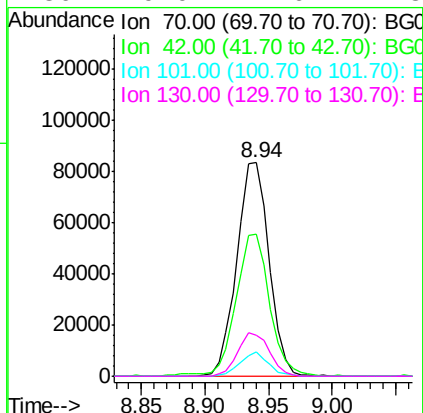
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 31.432 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.5	57.1	85.7
101	11.1	7.8	11.8
130	19.0	14.6	21.8



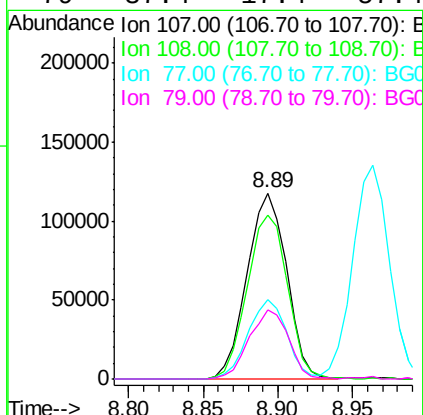
Instrument :
BNA_G
ClientSampleId :
PB119655BS

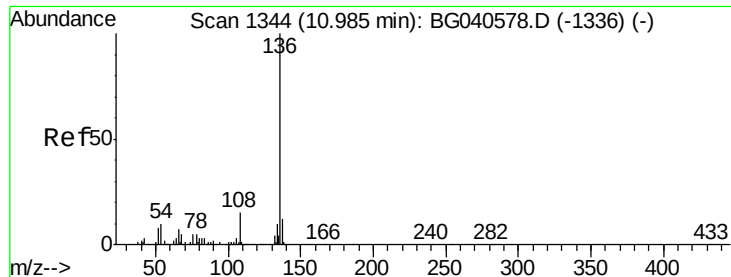
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#20
3+4-Methylphenols
Concen: 39.153 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	66.1	106.1
77	42.7	21.6	61.6
79	37.4	17.4	57.4





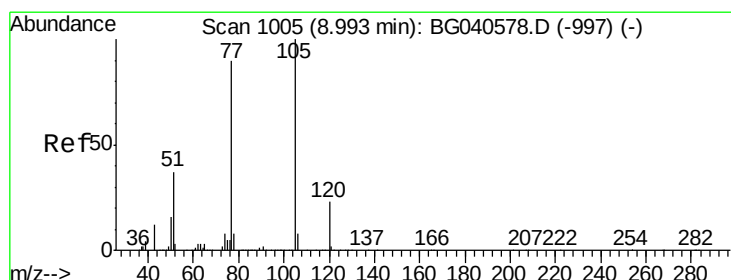
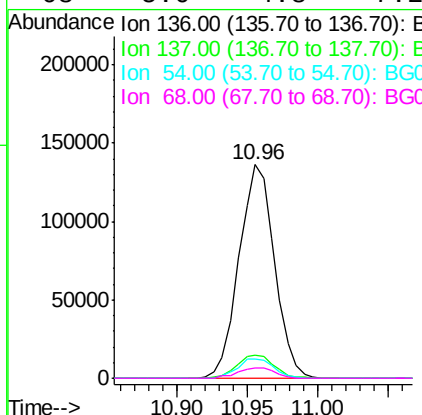
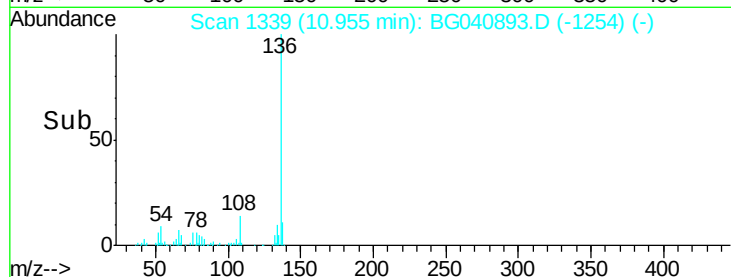
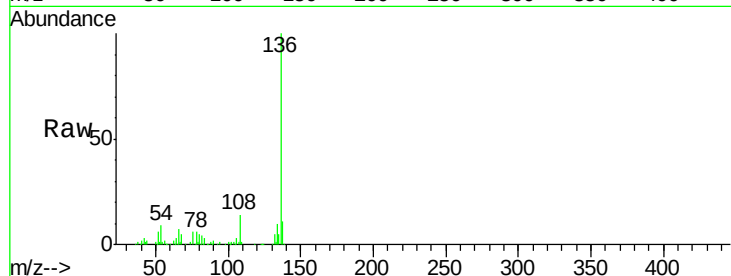
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	238732		
137	10.9	9.7	14.5	
54	8.9	8.6	12.8	
68	5.0	4.8	7.2	

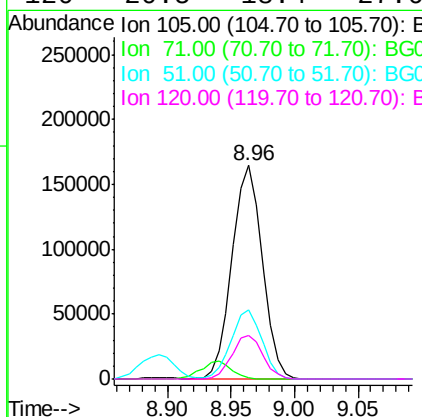
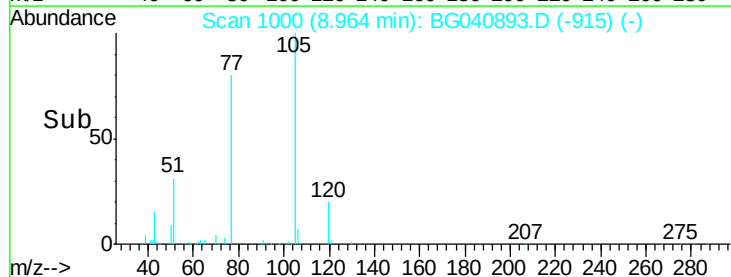
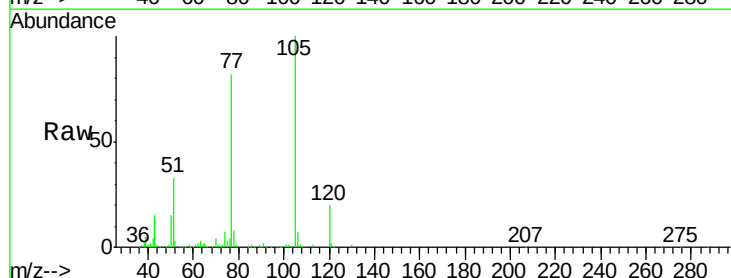
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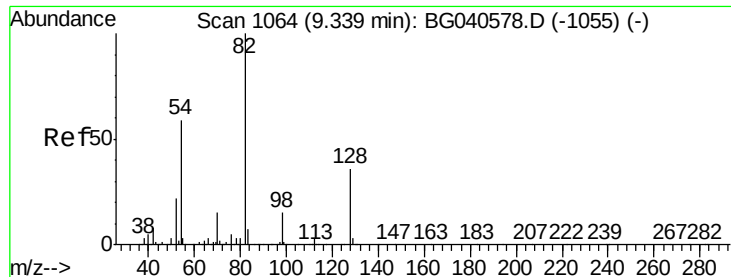
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#22
Acetophenone
Concen: 41.104 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	272869		
71	0.5	1.8	2.8#	
51	32.5	29.8	44.8	
120	20.5	18.4	27.6	





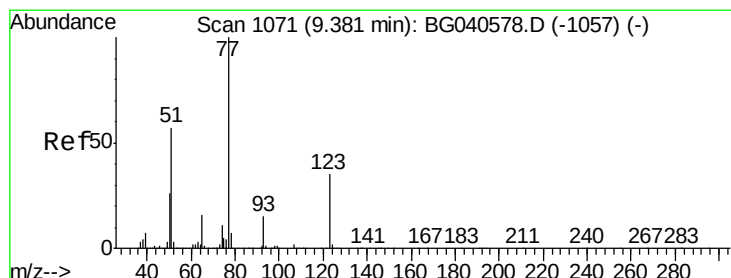
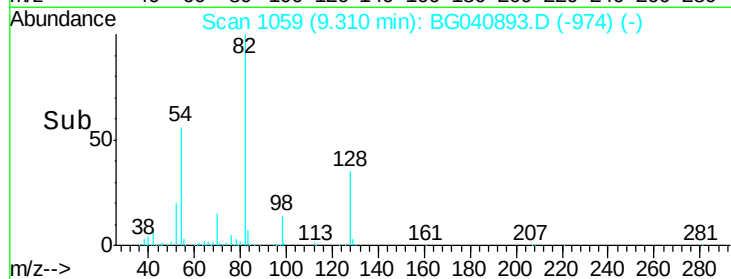
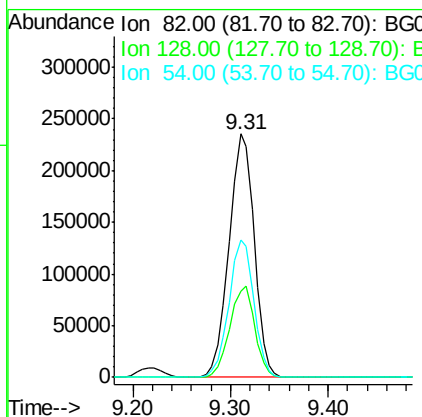
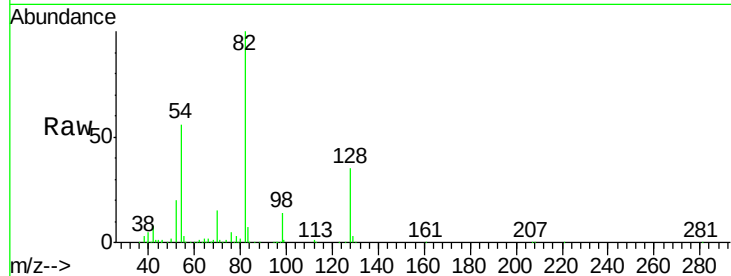
#23
 Nitrobenzene-d5
 Concen: 81.734 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Instrument :
 BNA_G
 ClientSampleId :
 PB119655BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	56.5	47.2	70.8

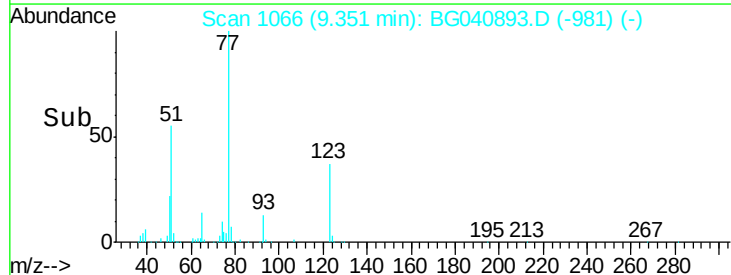
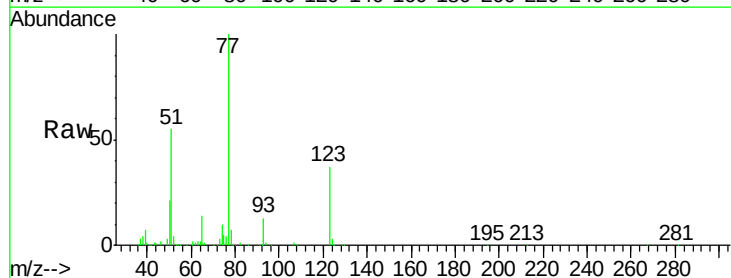
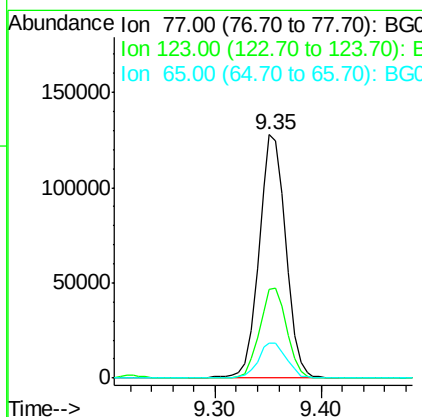
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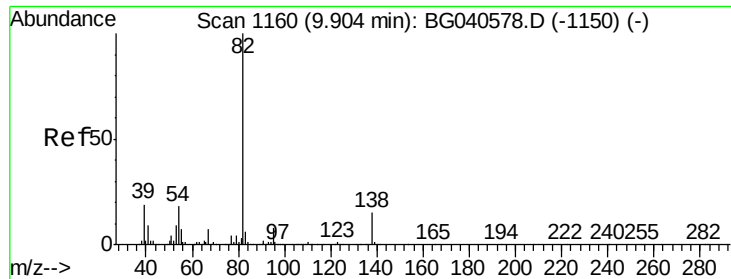
Sohil
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#24
 Nitrobenzene
 Concen: 40.919 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.7	27.8	41.6
65	14.2	12.4	18.6





#25

Isophorone

Concen: 37.138 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

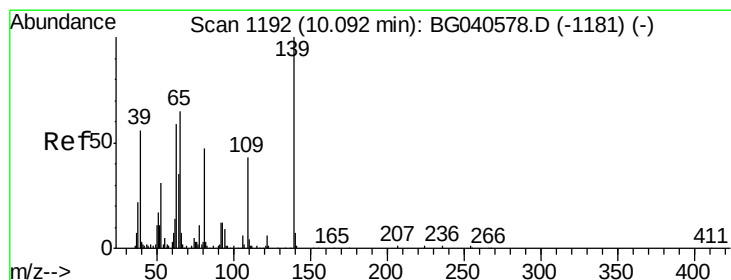
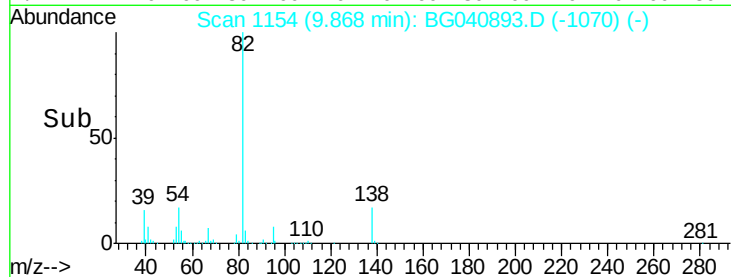
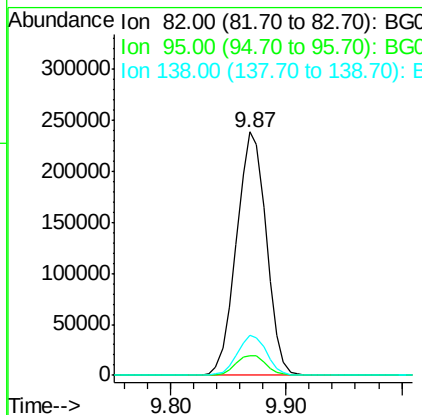
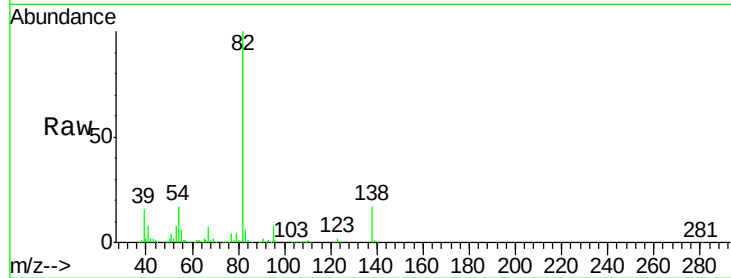
ClientSampleId :

PB119655BS

Tgt Ion:	82	Resp:	427413
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.9	10.3
138	16.6	12.3	18.5

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#26

2-Nitrophenol

Concen: 50.809 ng

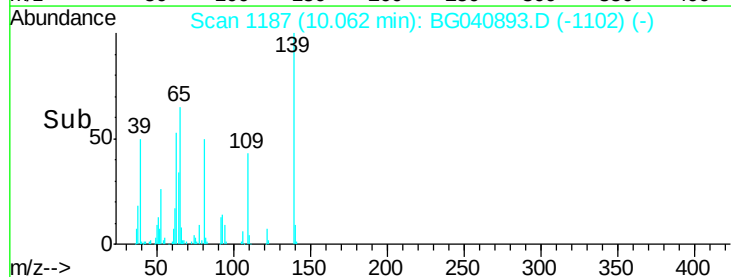
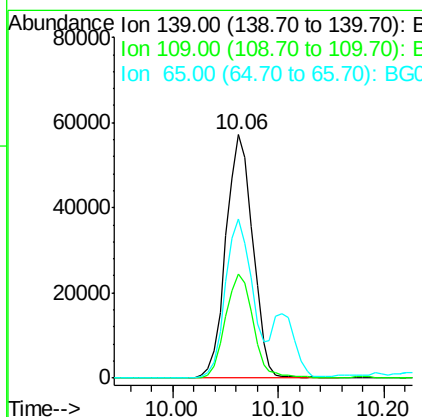
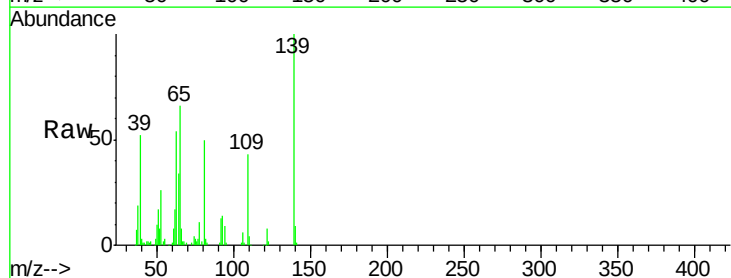
RT: 10.06 min Scan# 1187

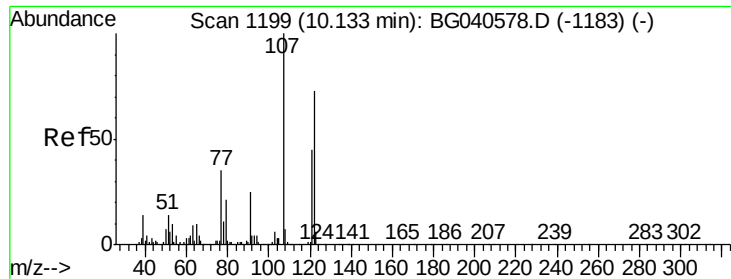
Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion:	139	Resp:	100400
Ion Ratio	Lower	Upper	
139	100		
109	43.0	35.6	53.4
65	65.5	52.3	78.5





#27

2,4-Dimethylphenol

Concen: 48.307 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

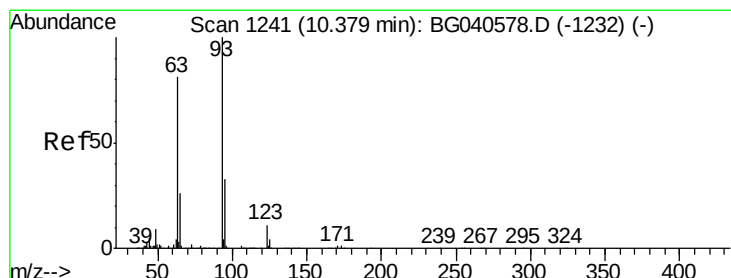
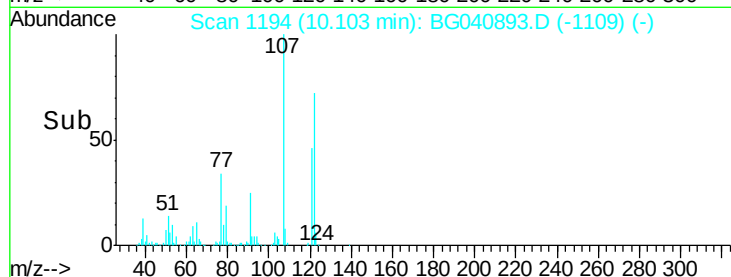
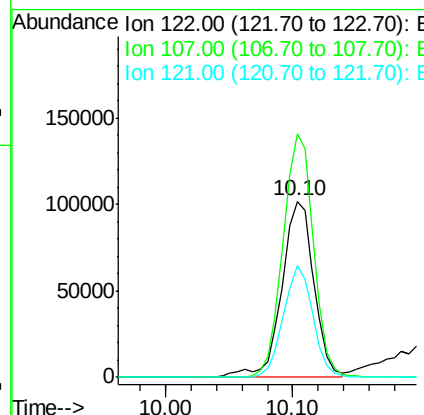
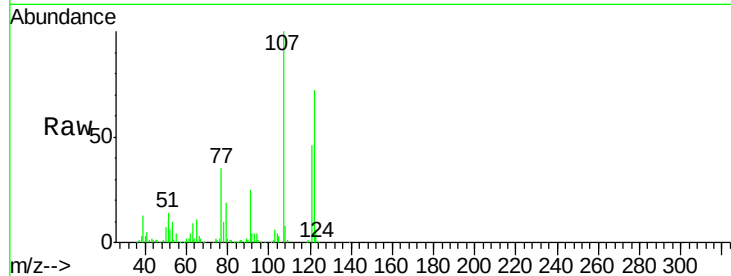
ClientSampleId :

PB119655BS

Tgt Ion:	122	Resp:	179099
Ion Ratio	Lower	Upper	
122	100		
107	138.5	110.1	165.1
121	63.7	49.4	74.0

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#28

bis(2-Chloroethoxy)methane

Concen: 38.052 ng

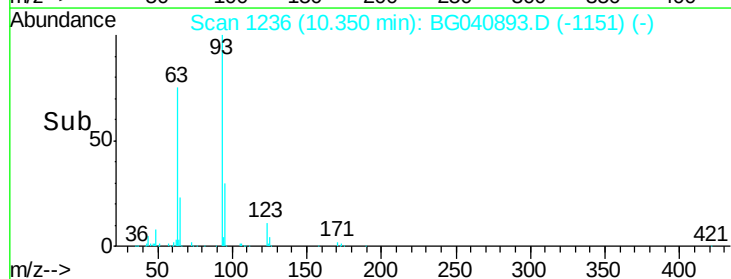
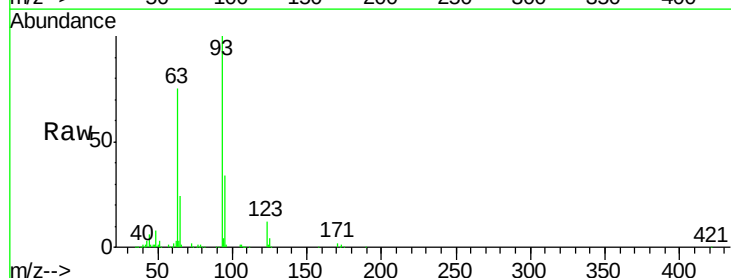
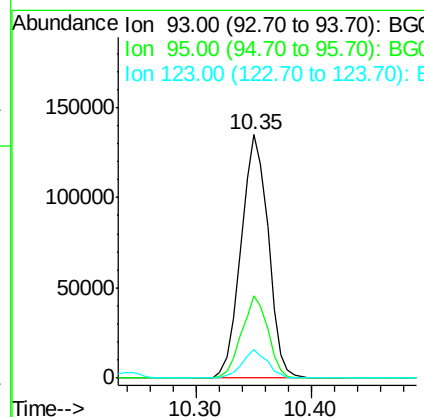
RT: 10.35 min Scan# 1236

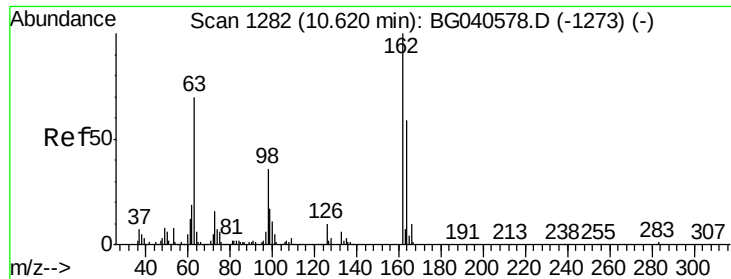
Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion:	93	Resp:	219720
Ion Ratio	Lower	Upper	
93	100		
95	34.0	26.6	40.0
123	11.6	9.0	13.4





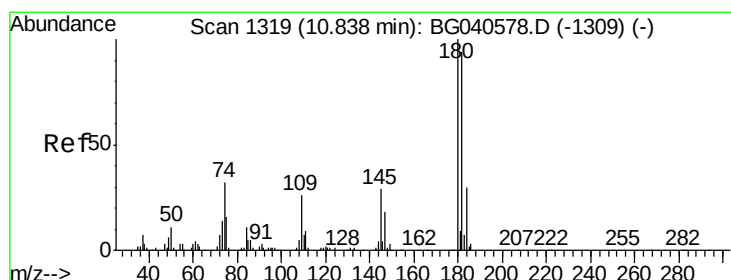
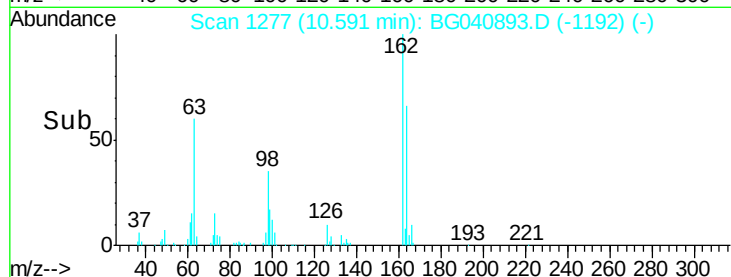
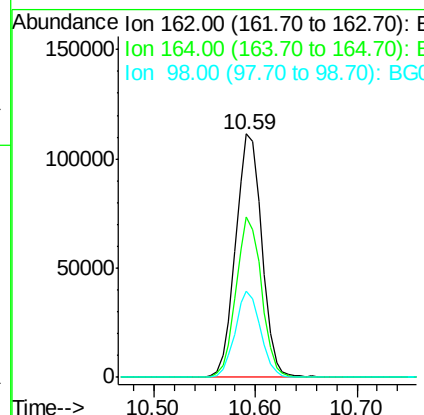
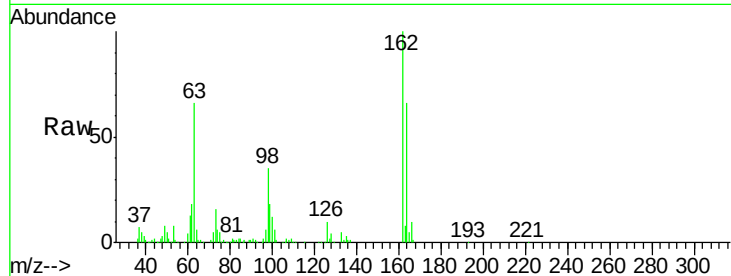
#29
 2,4-Dichlorophenol
 Concen: 47.456 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.03 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Instrument :
 BNA_G
 ClientSampleId :
 PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	200024		
164	66.1	38.9	78.9	
98	35.2	16.8	56.8	

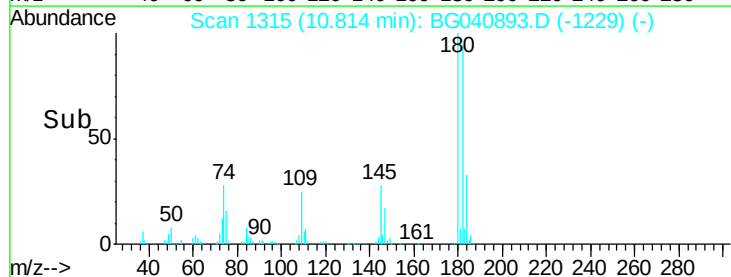
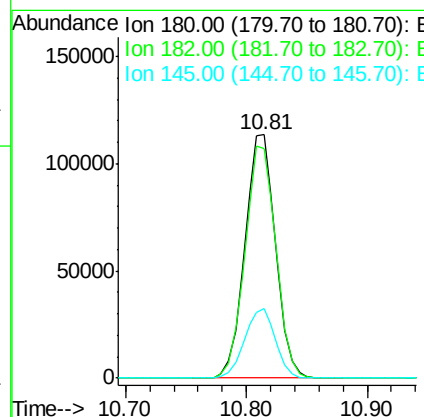
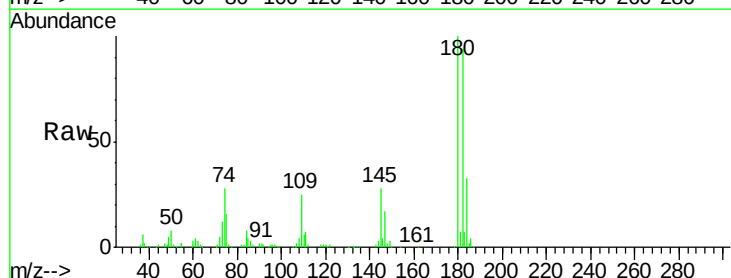
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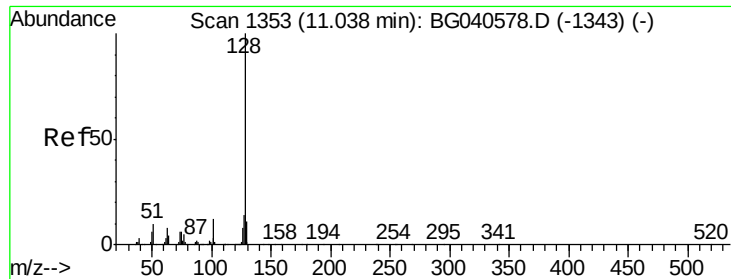
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.774 ng
 RT: 10.81 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199933		
182	94.3	75.2	112.8	
145	28.4	23.6	35.4	





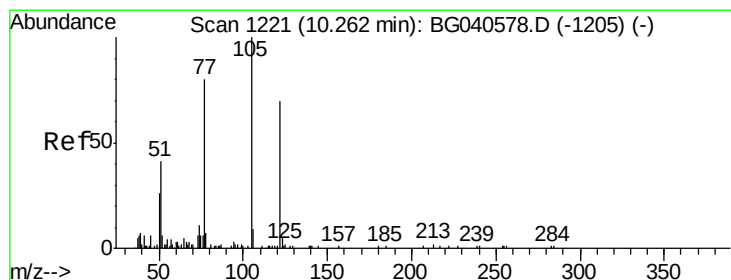
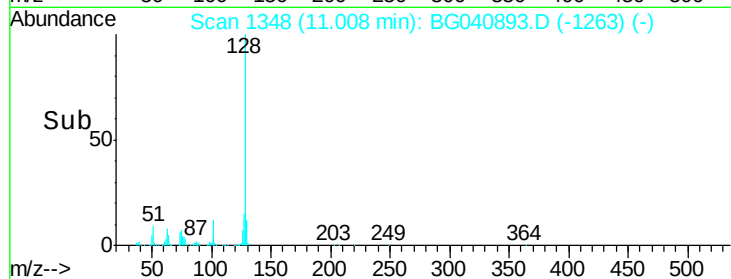
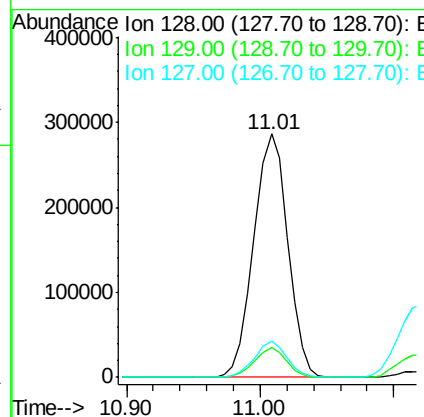
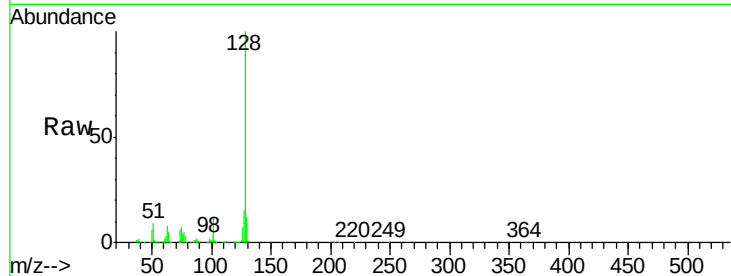
#31
Naphthalene
Concen: 39.837 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	505259		
129	12.0	9.0	13.6	
127	14.7	11.3	16.9	

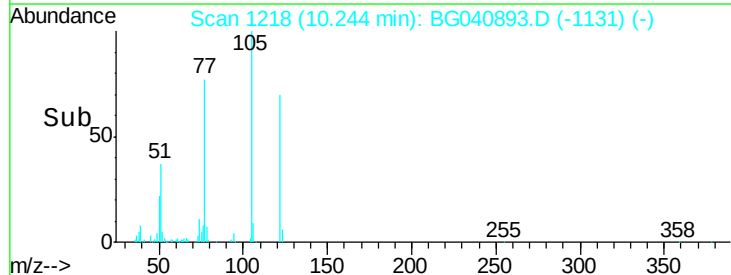
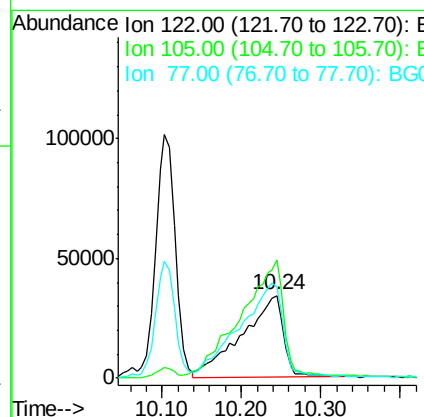
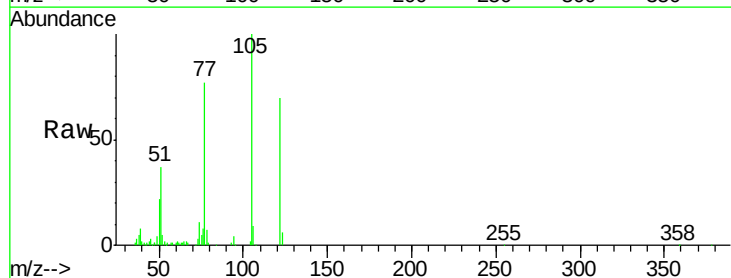
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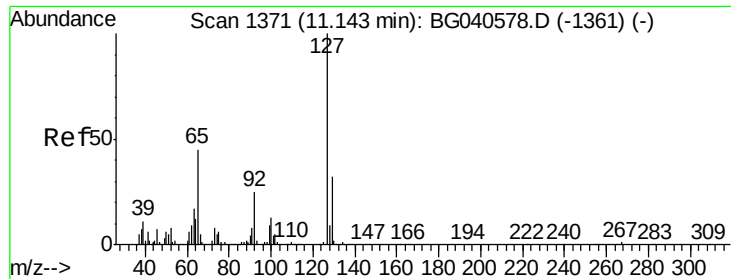
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#32
Benzoic acid
Concen: 49.110 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	124647		
105	142.7	110.9	150.9	
77	110.1	87.6	127.6	





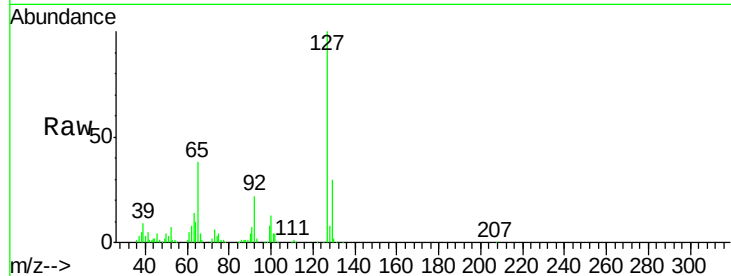
#33
4-Chloroaniline
Concen: 27.591 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	155152		
129	30.3	25.7	38.5	
65	38.3	36.1	54.1	
92	21.8	20.1	30.1	

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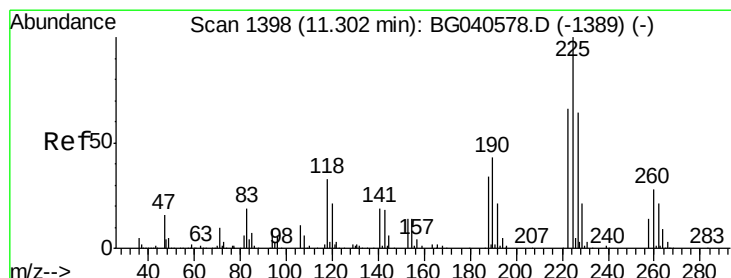
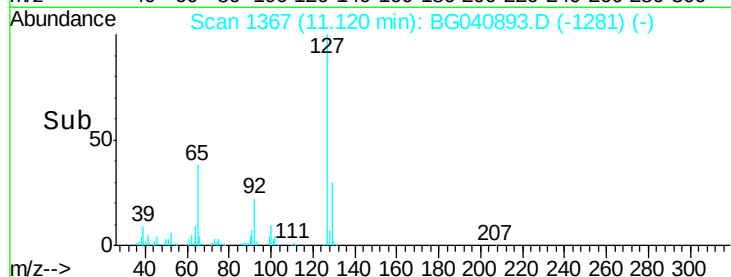
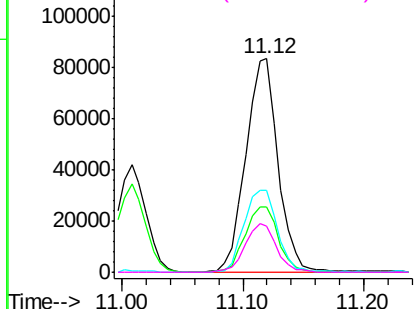
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

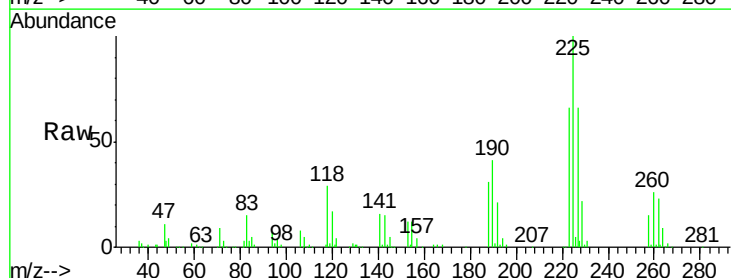
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.693 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	147323		
223	62.5	50.4	75.6	
227	65.1	51.0	76.6	

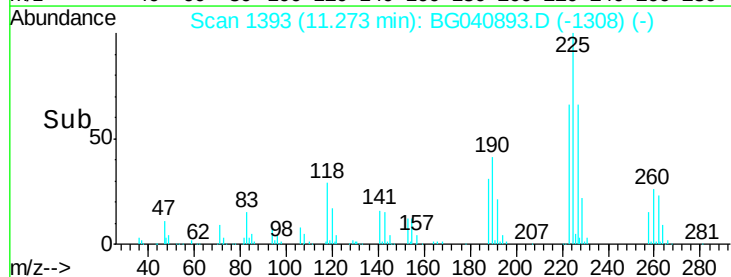
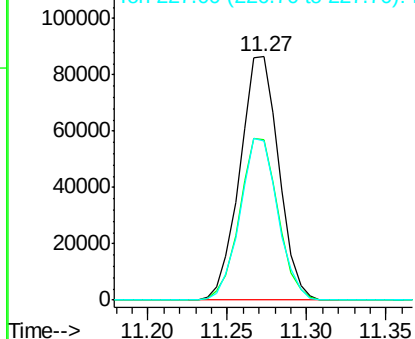


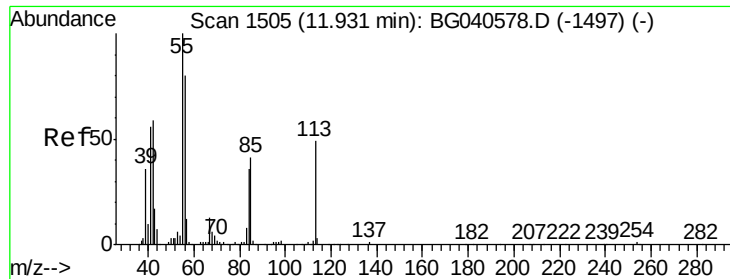
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.769 ng m

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

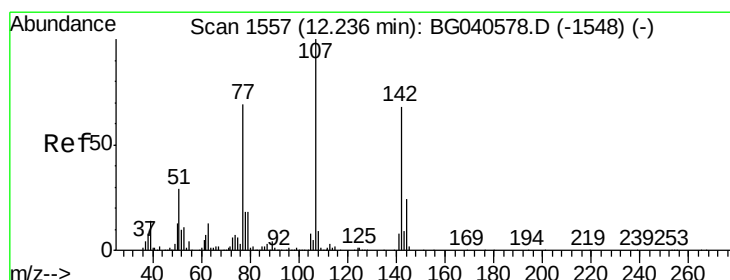
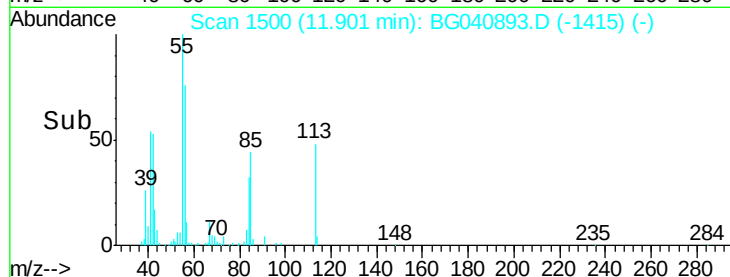
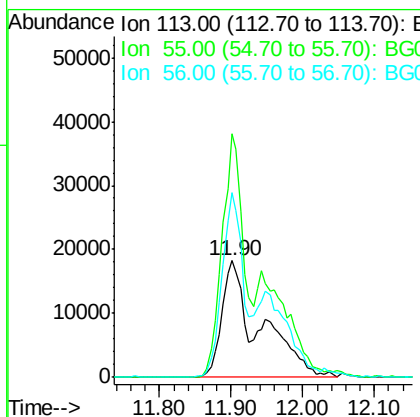
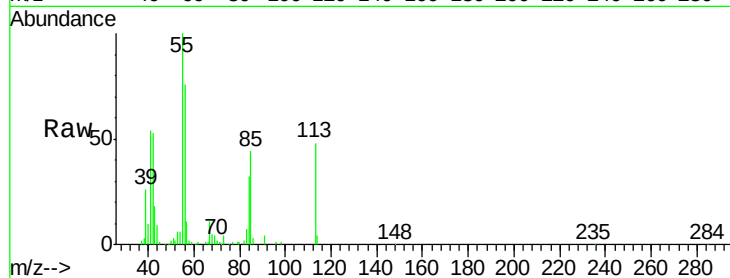
ClientSampled :

PB119655BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	208.4	198.6	238.6
56	157.7	148.4	188.4

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#36

4-Chloro-3-methylphenol

Concen: 41.981 ng

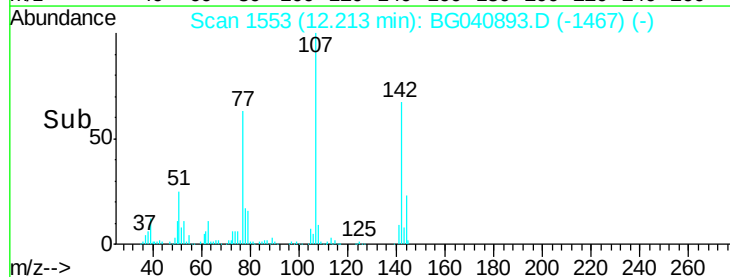
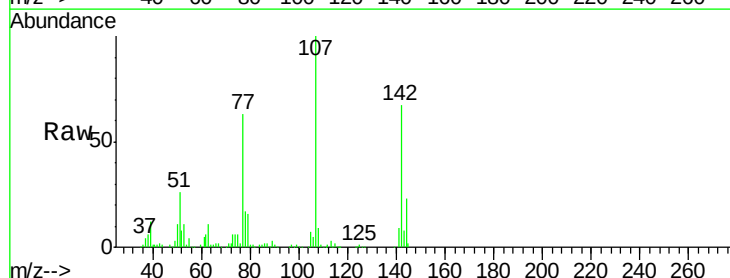
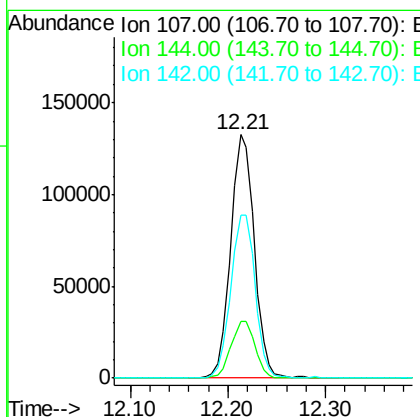
RT: 12.21 min Scan# 1553

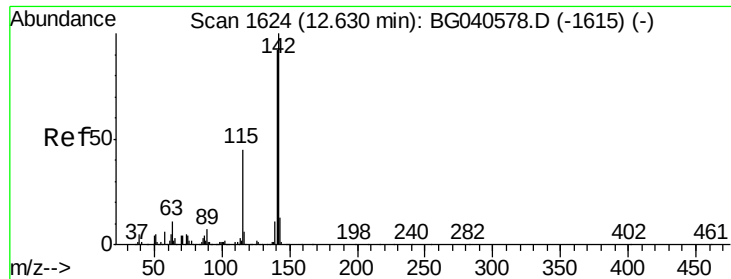
Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.3	28.9
142	67.1	54.6	81.8





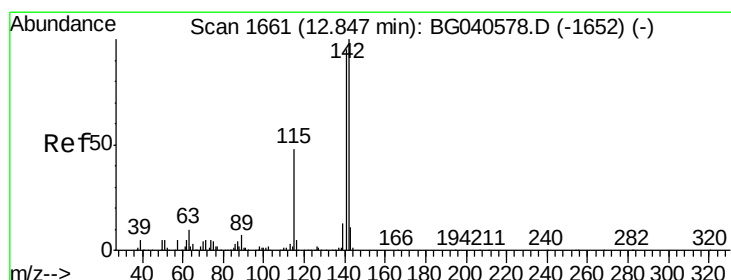
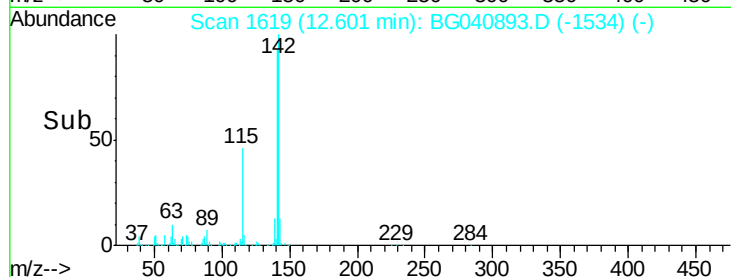
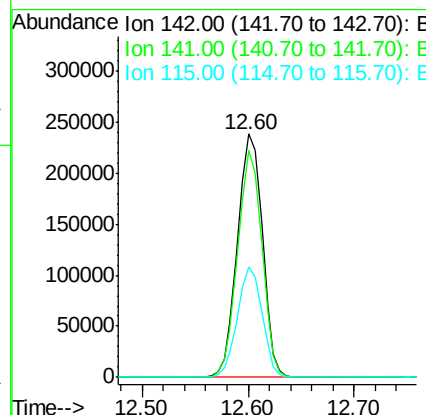
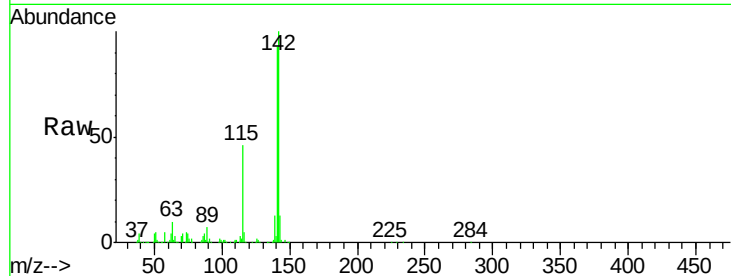
#37
2-Methylnaphthalene
Concen: 41.100 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	389745		
141	93.3	73.4	110.2	
115	45.6	36.2	54.4	

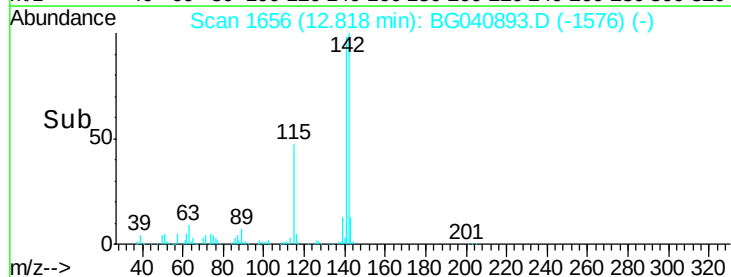
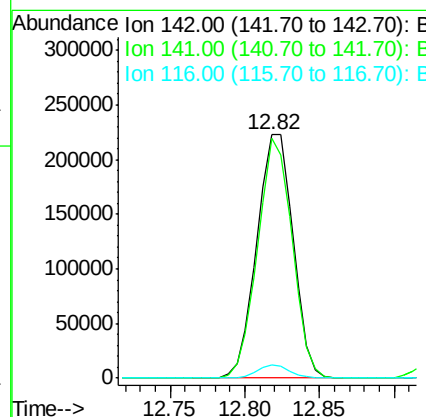
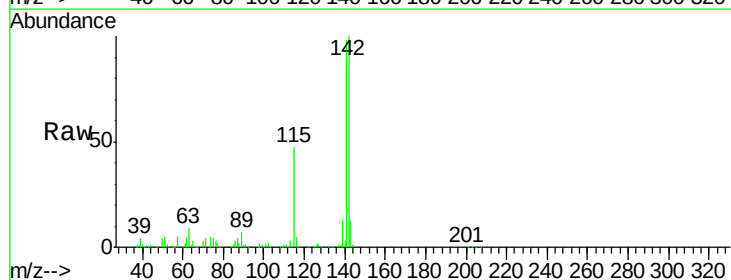
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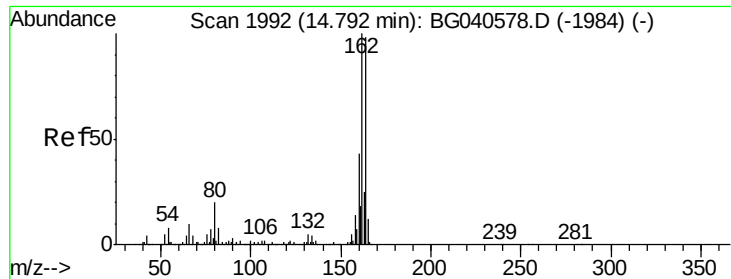
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#38
1-Methylnaphthalene
Concen: 40.423 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	374684		
141	98.3	75.9	113.9	
116	5.2	4.2	6.4	





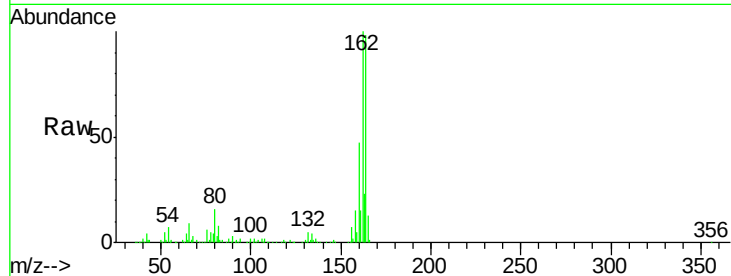
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181190		
162	101.6	81.9	122.9	
160	47.3	35.4	53.2	

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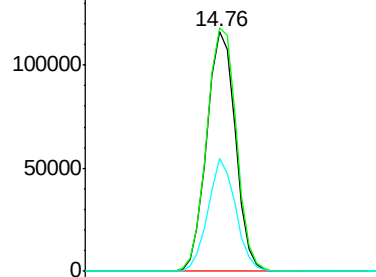


Abundance

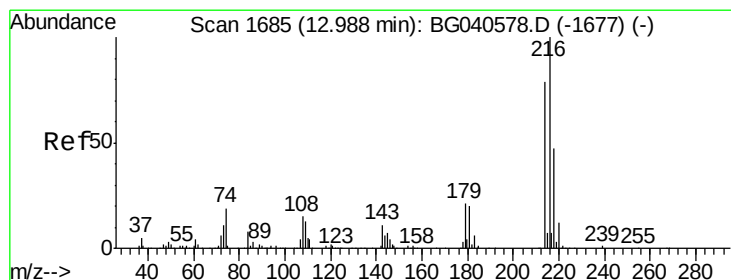
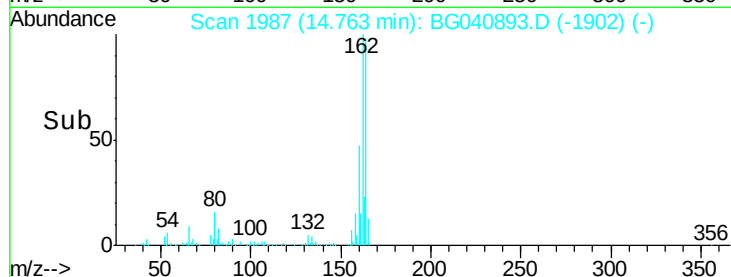
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.257 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	278474		
214	79.9	63.7	95.5	
179	19.0	16.6	24.8	
108	16.6	14.7	22.1	

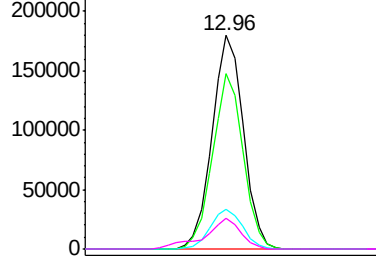
Abundance

Ion 216.00 (215.70 to 216.70): E

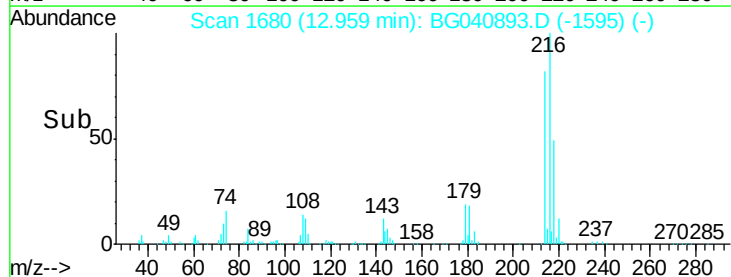
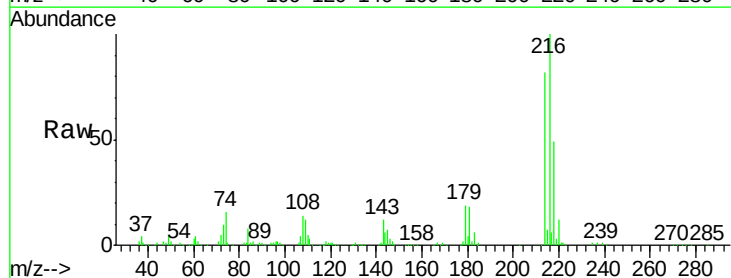
Ion 214.00 (213.70 to 214.70): E

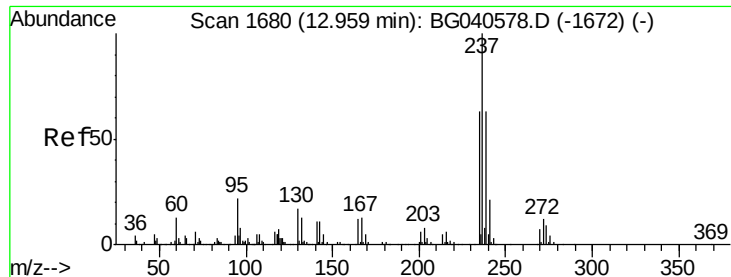
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->





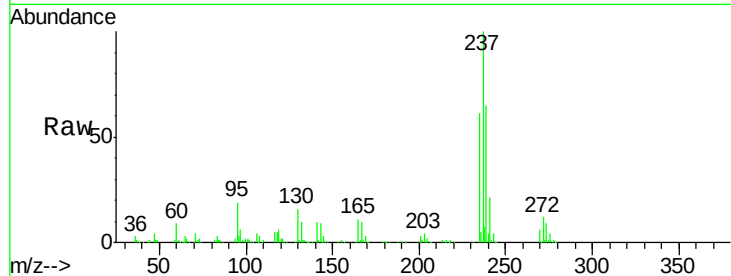
#41
Hexachlorocyclopentadiene
Concen: 82.160 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

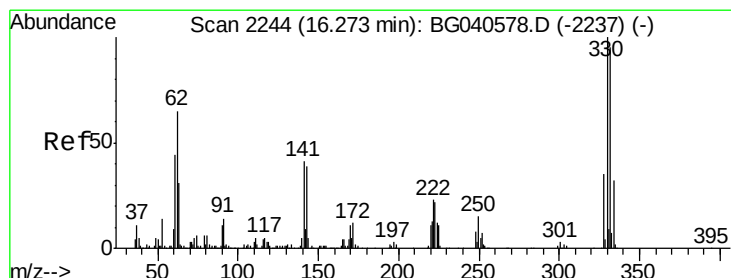
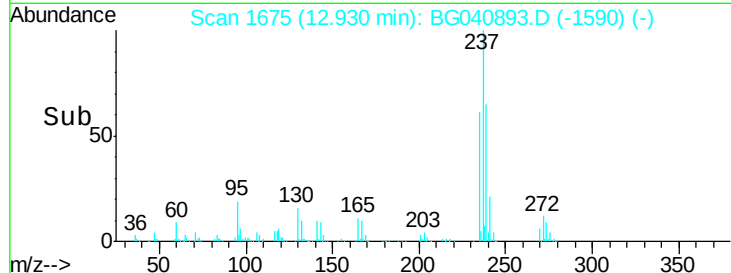
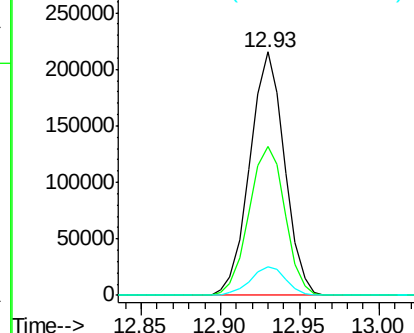
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.3	42.5	82.5
272	12.0	0.0	31.6

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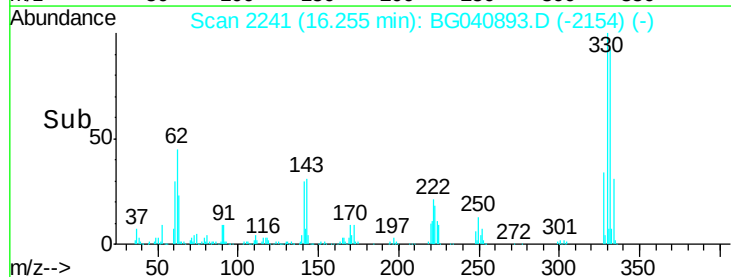
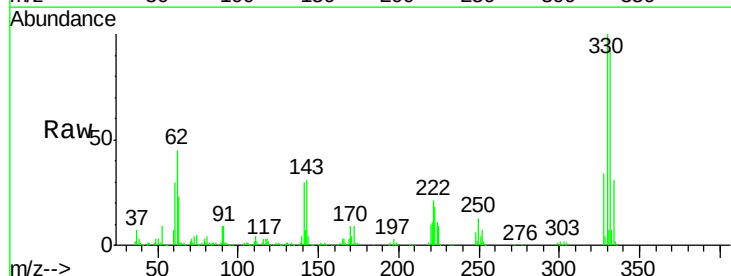
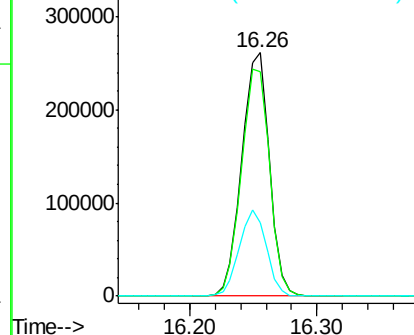
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

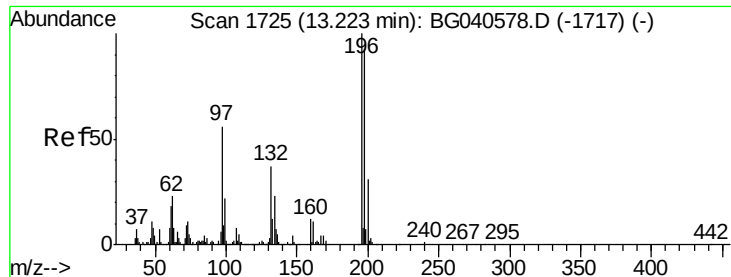


#42
2,4,6-Tribromophenol
Concen: 157.729 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.4	75.9	113.9
141	34.7	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





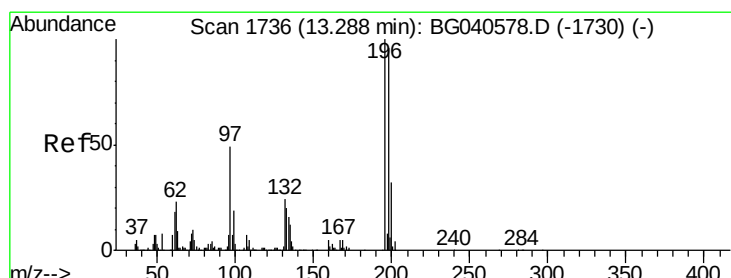
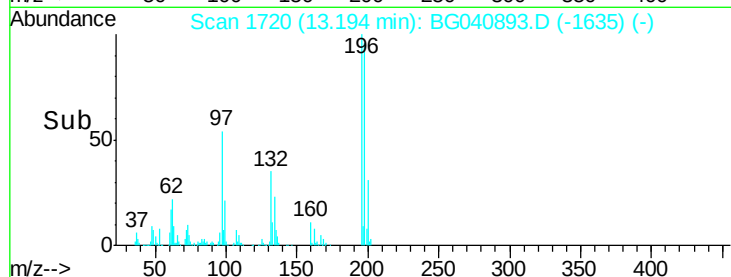
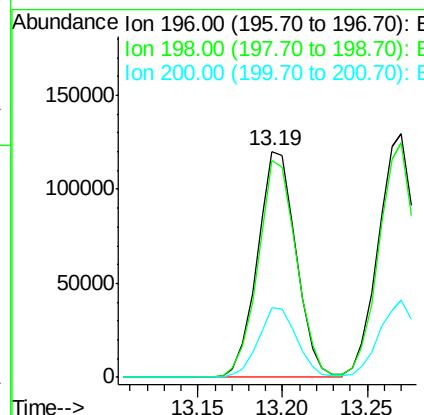
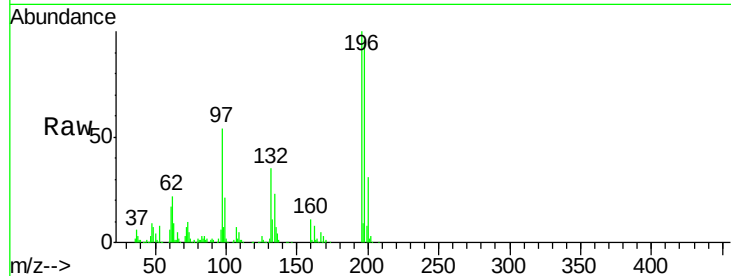
#43
 2,4,6-Trichlorophenol
 Concen: 46.661 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Instrument :
 BNA_G
 ClientSampleId :
 PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190326		
198	95.7	74.8	112.2	
200	30.9	24.9	37.3	

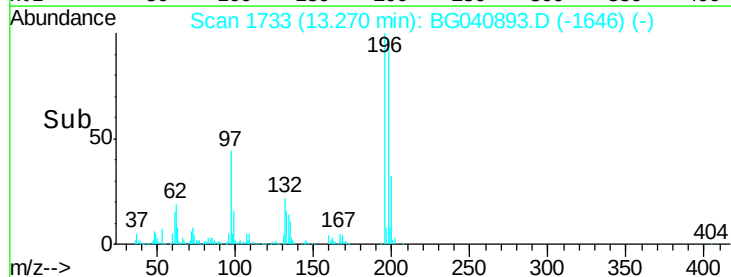
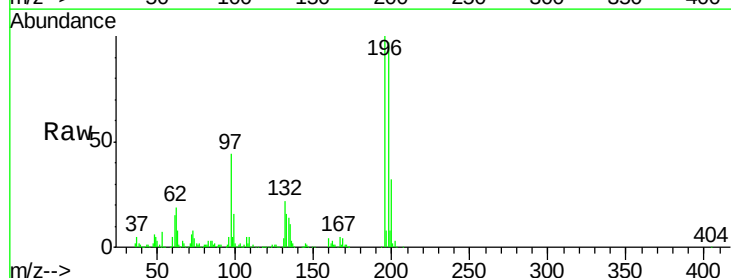
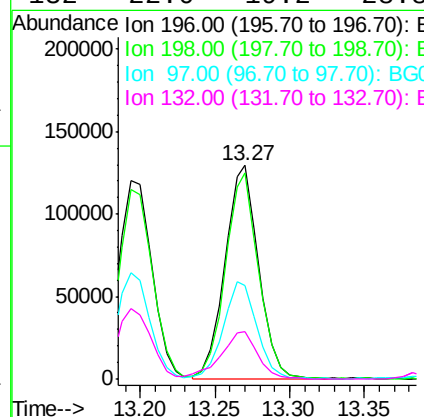
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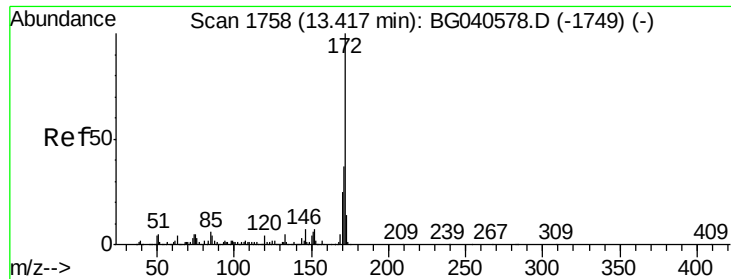
Sohil
 5/14/2019 8:01:49 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.811 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203555		
198	96.6	77.0	115.6	
97	43.8	40.0	60.0	
132	22.0	19.2	28.8	





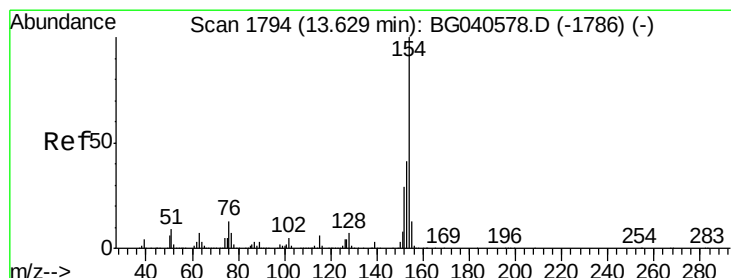
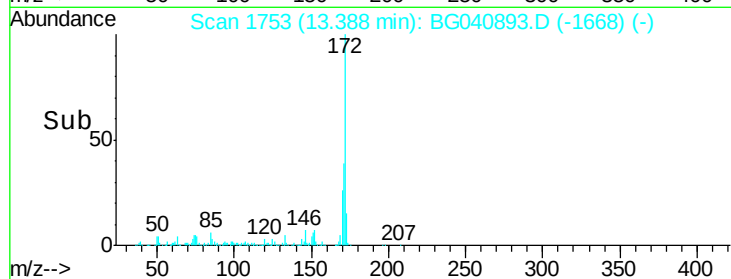
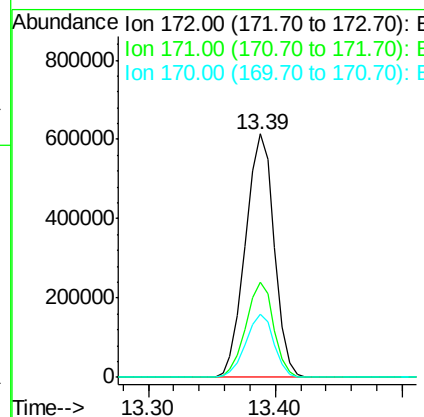
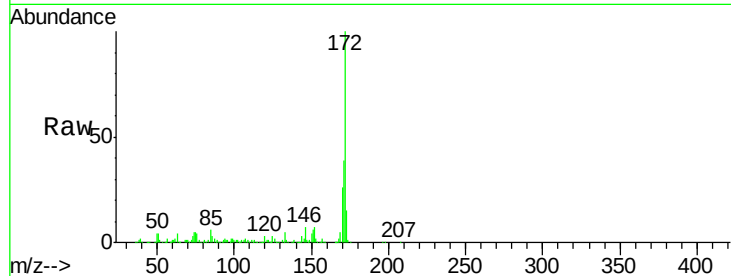
#45
2-Fluorobiphenyl
Concen: 76.719 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion:	172	Resp:	962519
Ion Ratio	Lower	Upper	
172	100		
171	39.3	29.4	44.2
170	25.7	19.9	29.9

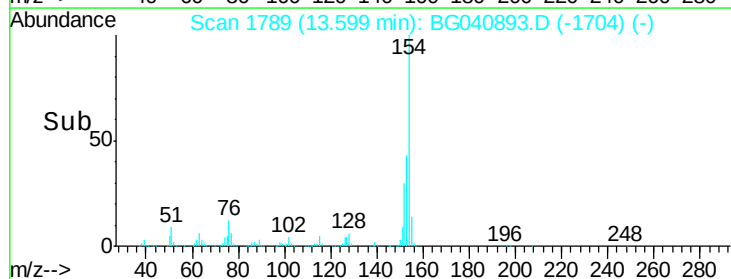
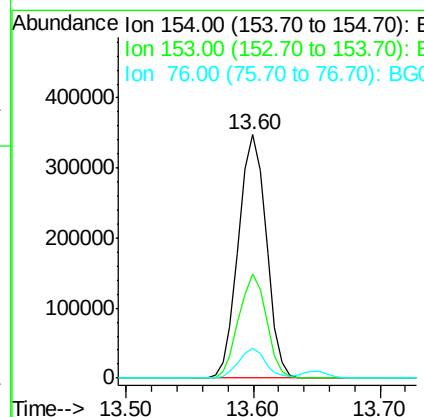
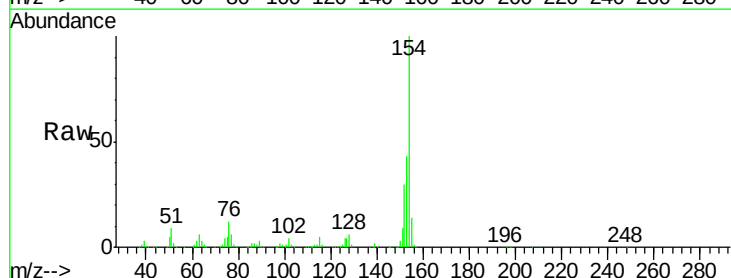
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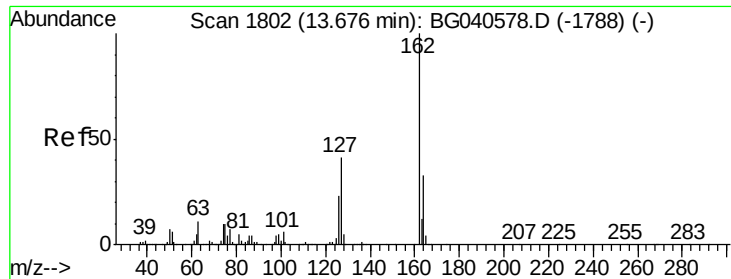
Sohil
5/14/2019 8:01:49 PM



#46
1,1'-Biphenyl
Concen: 37.622 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion:	154	Resp:	529251
Ion Ratio	Lower	Upper	
154	100		
153	42.8	20.5	60.5
76	12.3	0.0	32.5





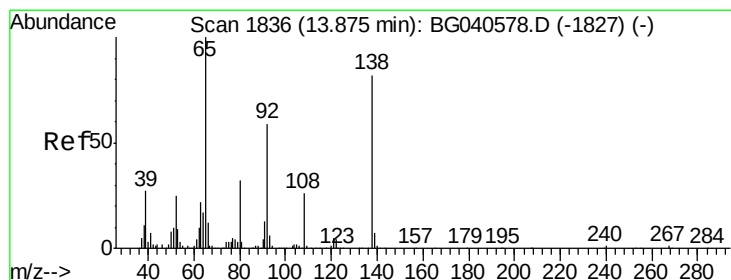
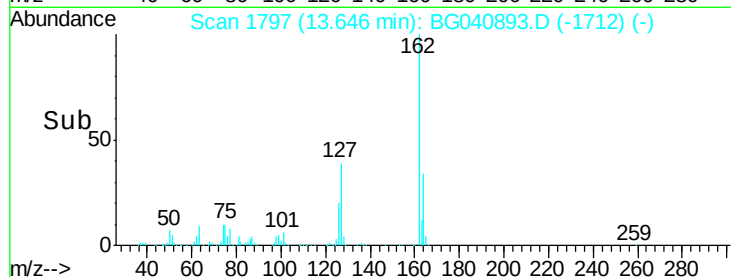
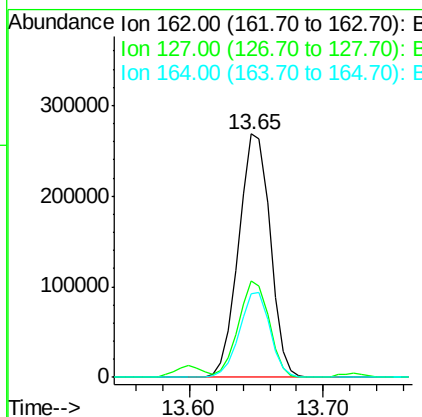
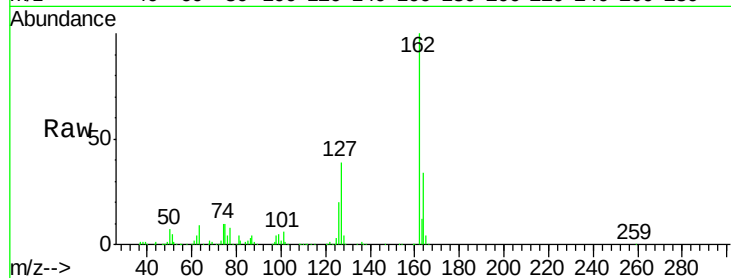
#47
 2-Chloronaphthalene
 Concen: 39.762 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.03 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Instrument :
 BNA_G
 ClientSampleId :
 PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	437754		
127	39.4	33.0	49.4	
164	34.4	26.8	40.2	

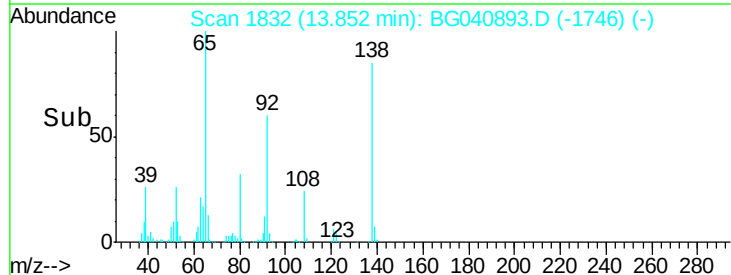
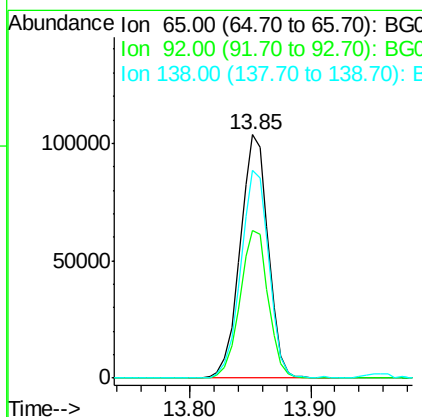
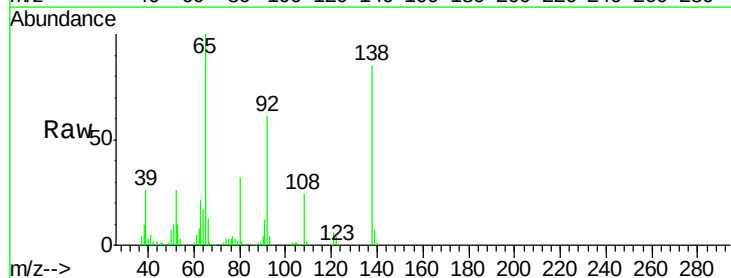
Manual Integrations
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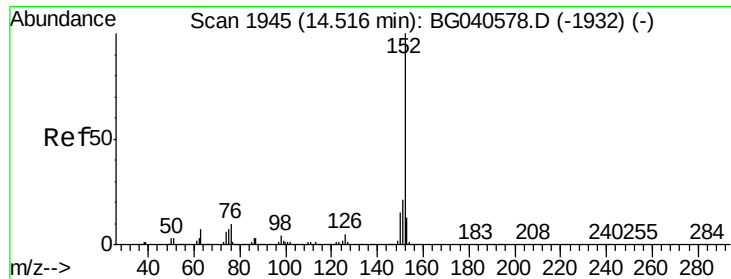
Sohil
 5/14/2019 8:01:49 PM



#48
 2-Nitroaniline
 Concen: 42.835 ng
 RT: 13.85 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	167864		
92	60.6	47.4	71.0	
138	85.4	66.1	99.1	





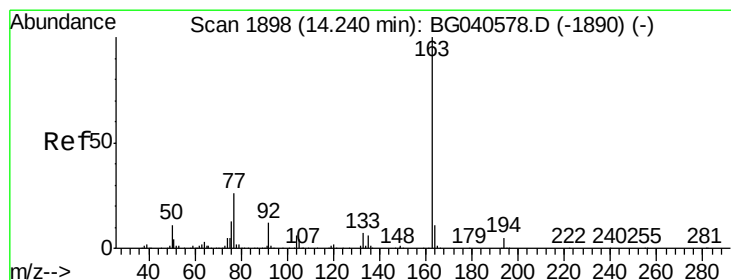
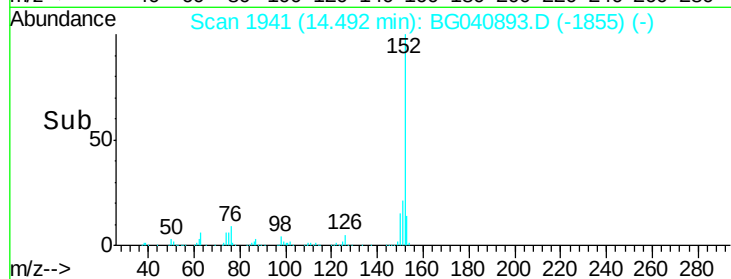
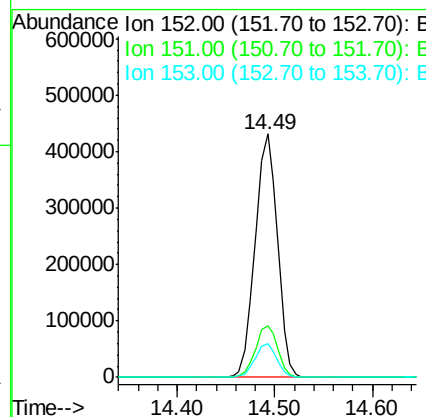
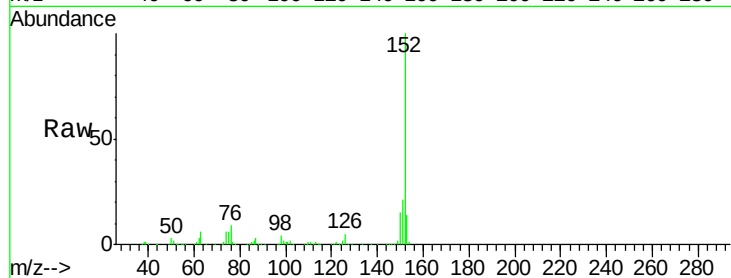
#49
Acenaphthylene
Concen: 36.704 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	685580		
151	21.0	17.2	25.8	
153	13.7	10.7	16.1	

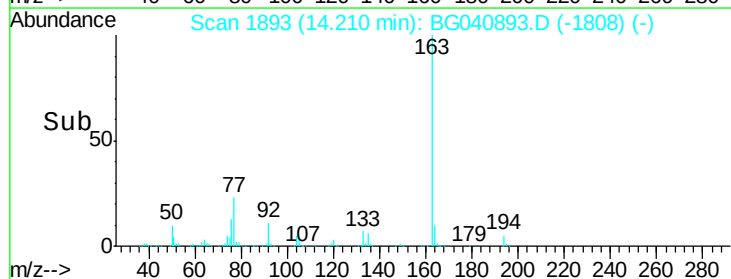
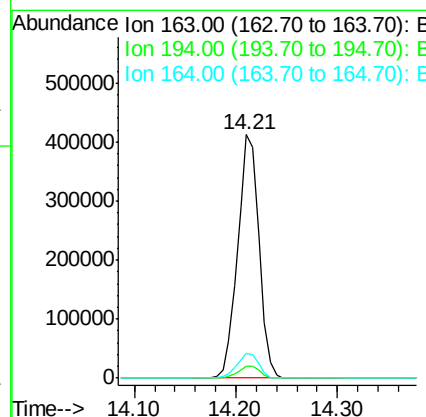
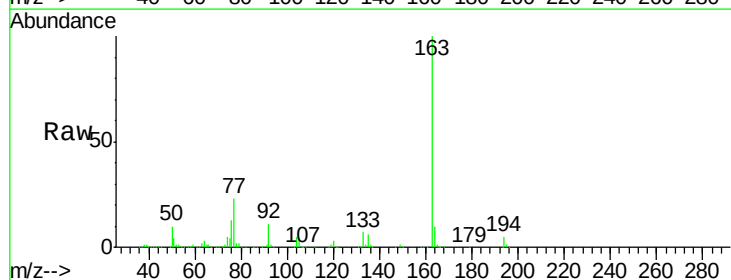
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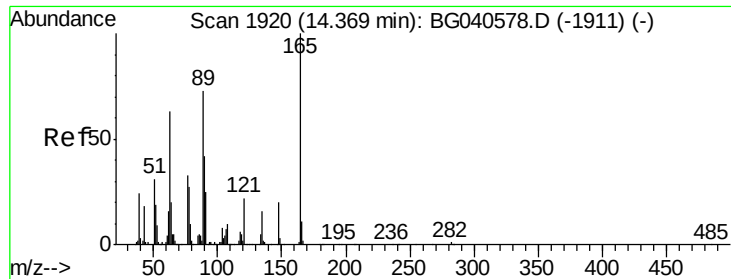
Sohil
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#50
Dimethylphthalate
Concen: 39.526 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	599207		
194	4.9	3.8	5.8	
164	10.4	8.8	13.2	





#51

2,6-Dinitrotoluene

Concen: 44.647 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

ClientSampleId :

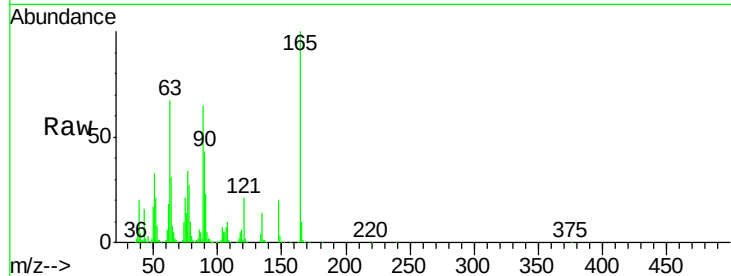
PB119655BS

Tgt	Ion:165	Resp:	132097
Ion	Ratio	Lower	Upper
165	100		
63	66.8	61.0	91.4
89	65.2	58.6	87.8

Manual Integrations
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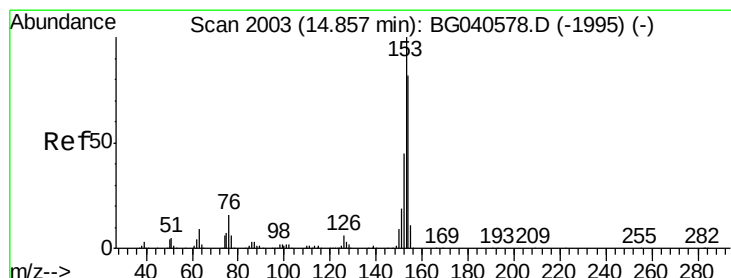
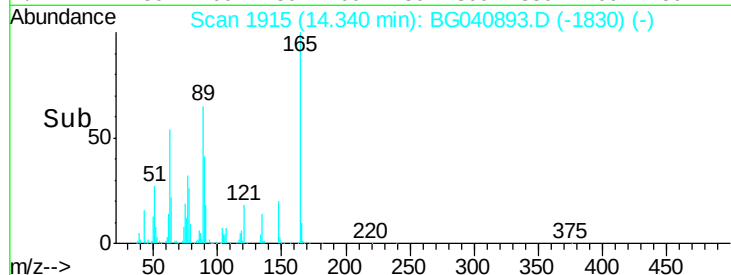
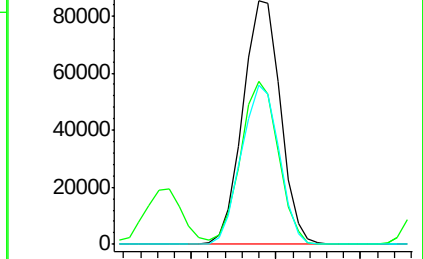
5/14/2019 8:01:49 PM



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



#52

Acenaphthene

Concen: 37.535 ng

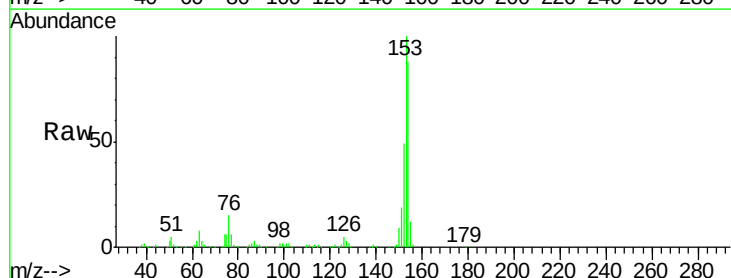
RT: 14.83 min Scan# 1998

Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

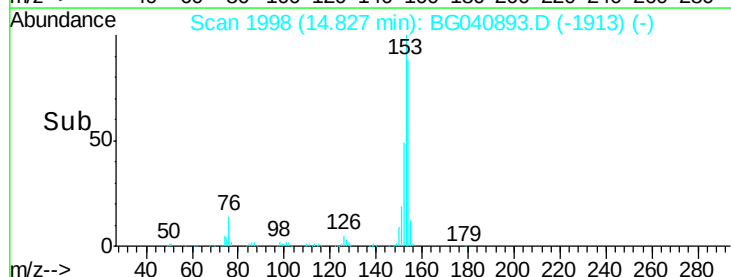
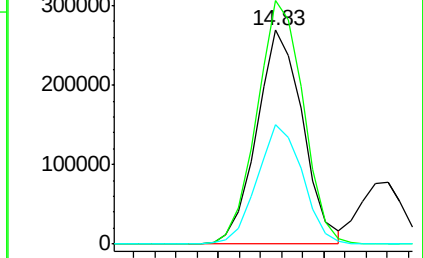
Tgt	Ion:154	Resp:	408292
Ion	Ratio	Lower	Upper
154	100		
153	114.0	97.0	145.6
152	56.0	44.1	66.1

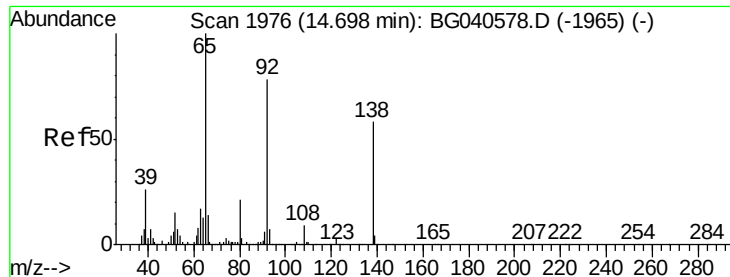


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





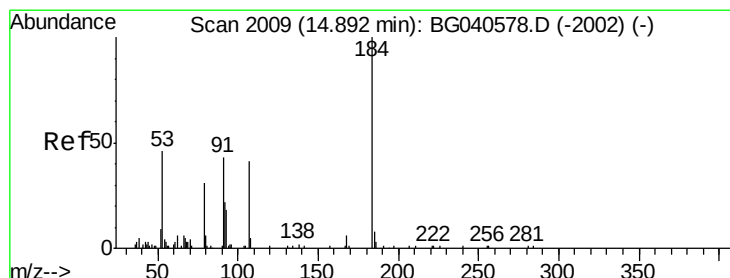
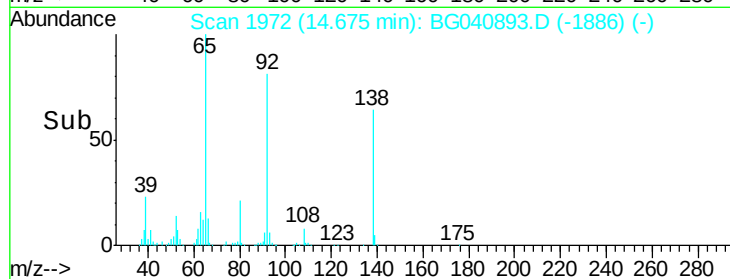
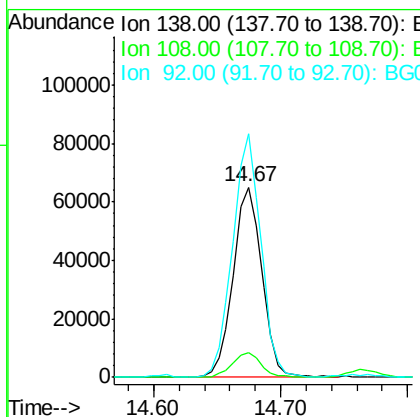
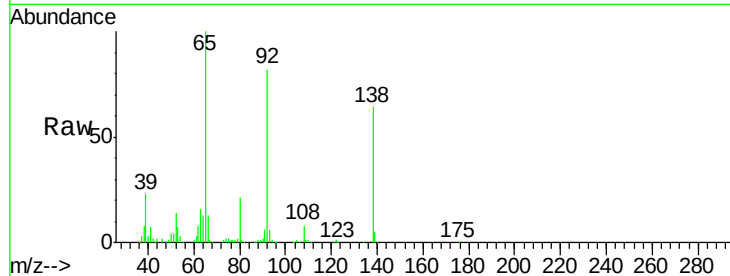
#53
 3-Nitroaniline
 Concen: 33.701 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Instrument :
 BNA_G
 ClientSampled :
 PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	102168		
108	13.0	12.4	18.6	
92	128.1	108.6	162.8	

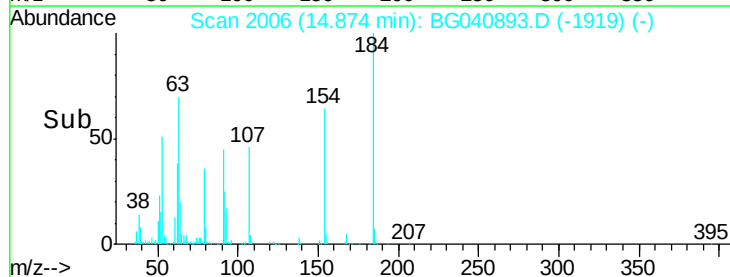
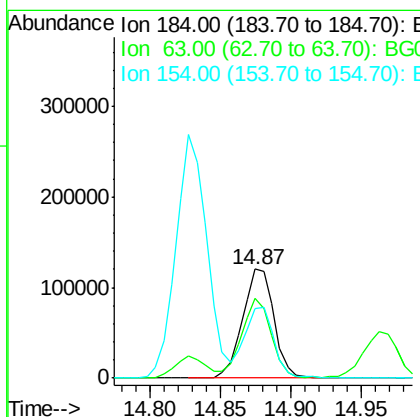
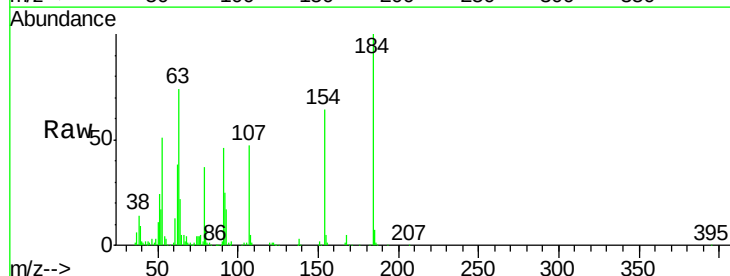
Manual Integrations
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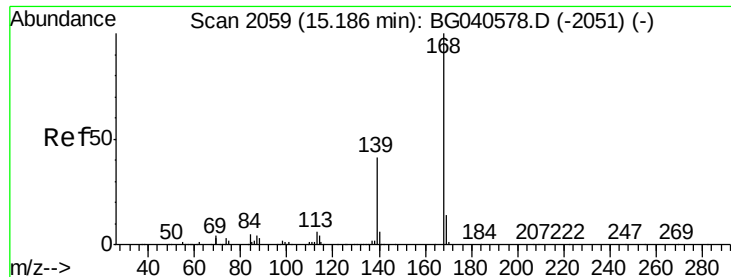
Sohil
 5/14/2019 8:01:49 PM



#54
 2,4-Dinitrophenol
 Concen: 109.821 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	188040		
63	73.7	51.8	77.6	
154	63.5	43.6	65.4	





#55

Dibenzenofuran

Concen: 39.188 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

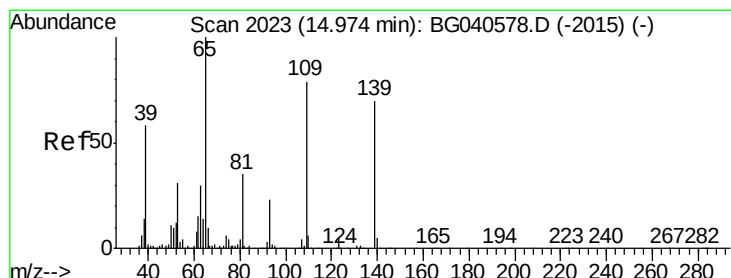
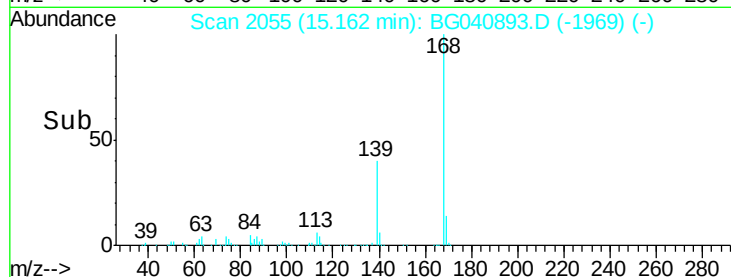
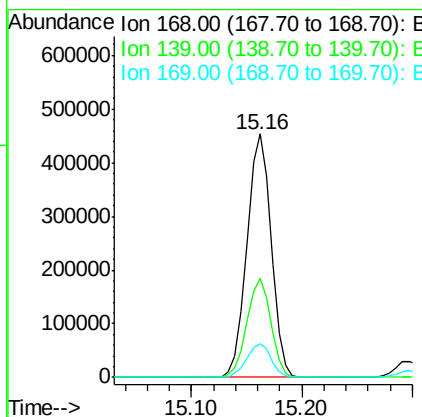
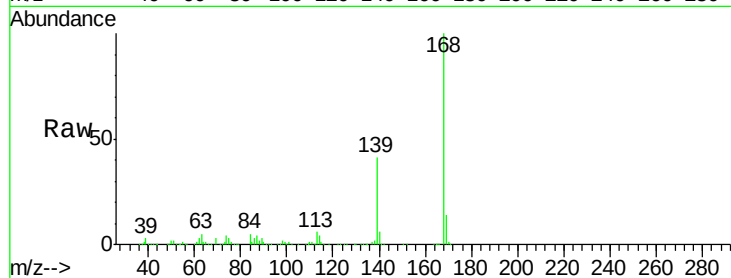
ClientSampleId :

PB119655BS

Tgt	Ion	168	Resp:	698206
Ion	Ratio	Lower	Upper	
168	100			
139	40.7	33.0	49.4	
169	14.1	11.0	16.4	

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#56

4-Nitrophenol

Concen: 83.124 ng

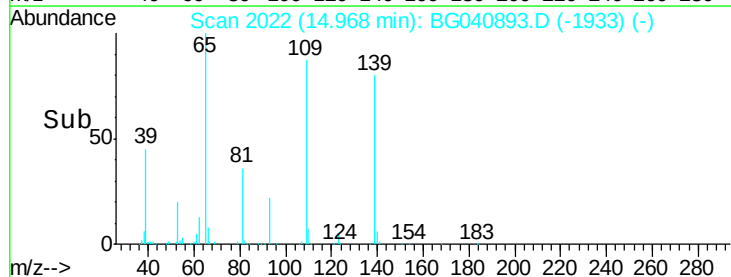
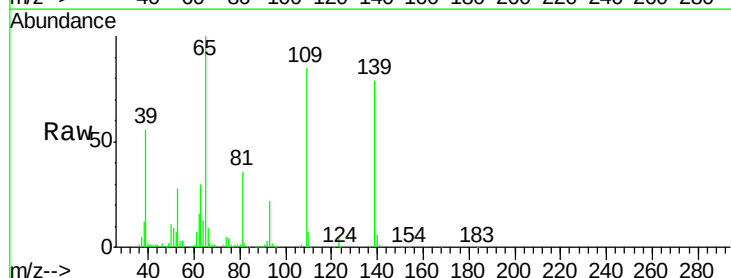
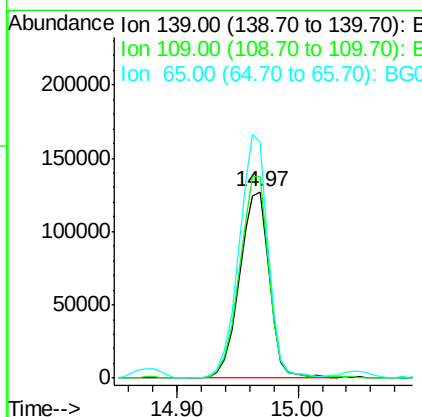
RT: 14.97 min Scan# 2022

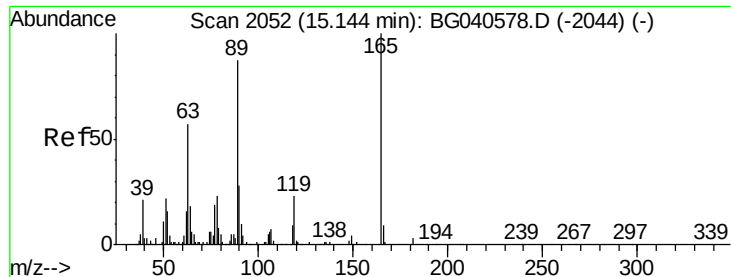
Delta R.T. -0.01 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt	Ion	139	Resp:	218507
Ion	Ratio	Lower	Upper	
139	100			
109	108.2	93.8	133.8	
65	126.9	122.7	162.7	





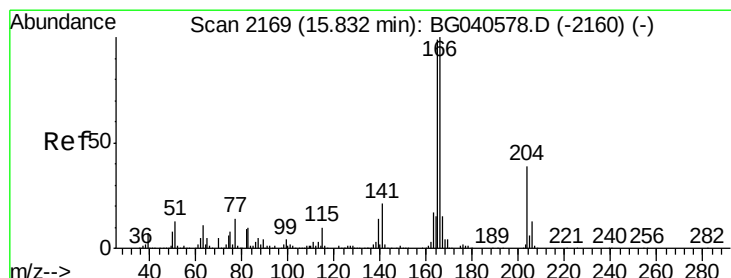
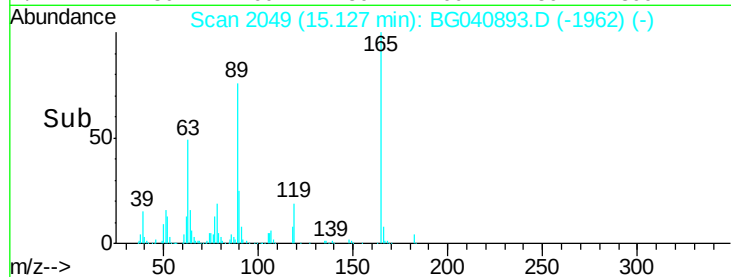
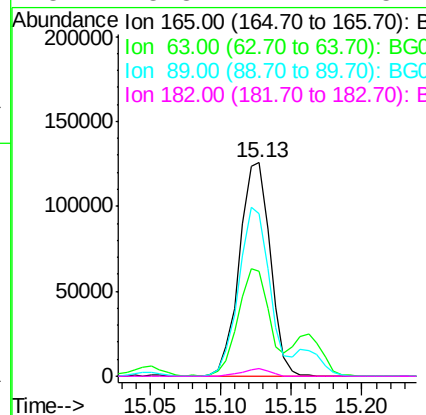
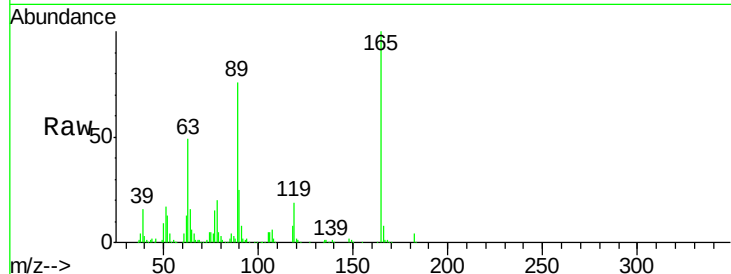
#57
 2,4-Dinitrotoluene
 Concen: 47.795 ng
 RT: 15.13 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Instrument :
 BNA_G
 ClientSampleId :
 PB119655BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.0	45.8	68.8
89	76.3	69.4	104.2
182	3.8	2.2	3.4#

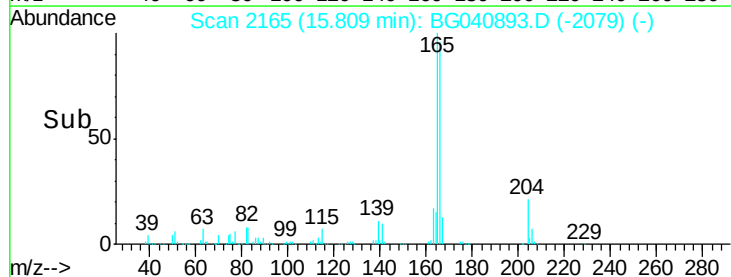
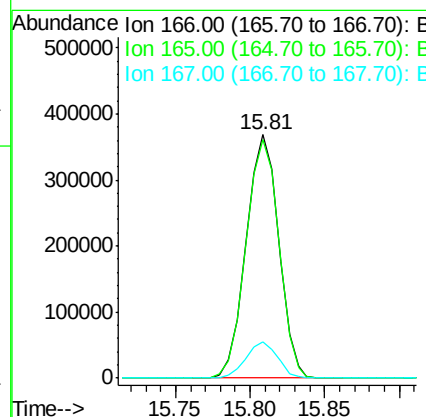
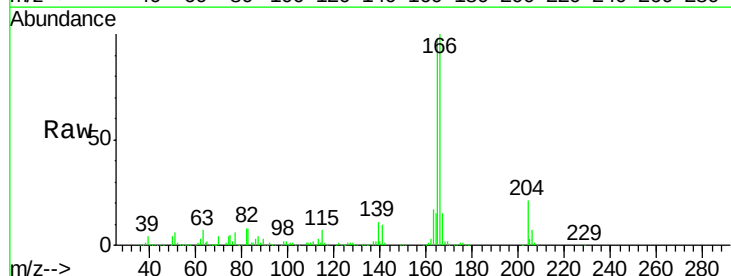
Manual Integrations
 APPROVED

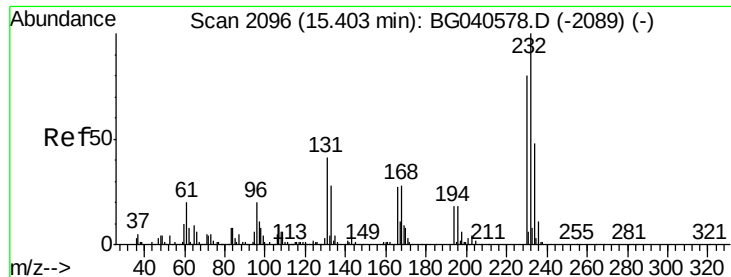
Sohil
 5/14/2019 8:01:49 PM



#58
 Fluorene
 Concen: 38.557 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.0	79.6	119.4
167	15.1	12.2	18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.388 ng

RT: 15.38 min Scan# 2092

Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

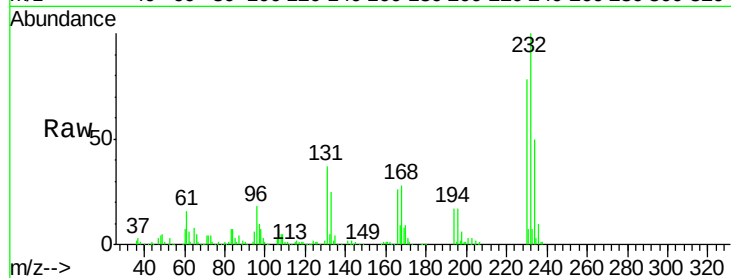
ClientSampleId :

PB119655BS

Tgt	Ion	Ratio	Resp	Lower	Upper
232	100		211938		
131	36.8	33.0	49.4		
130	2.7	2.0	3.0		
166	26.3	22.1	33.1		

Manual Integrations
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Sohil
5/14/2019 8:01:49 PM

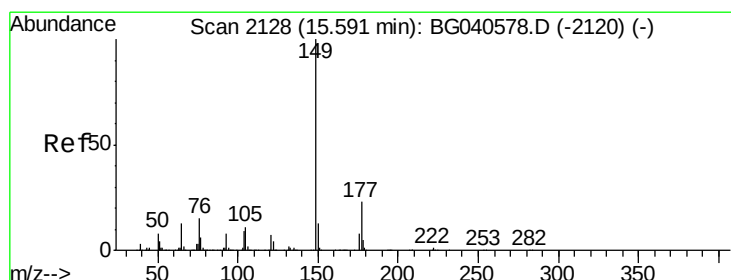
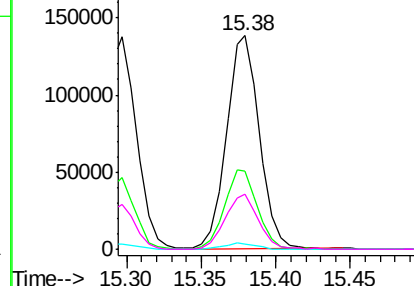
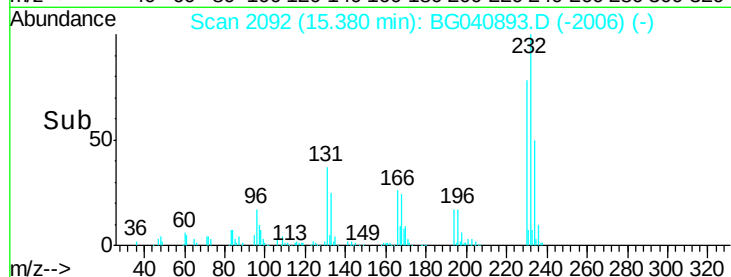


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.765 ng

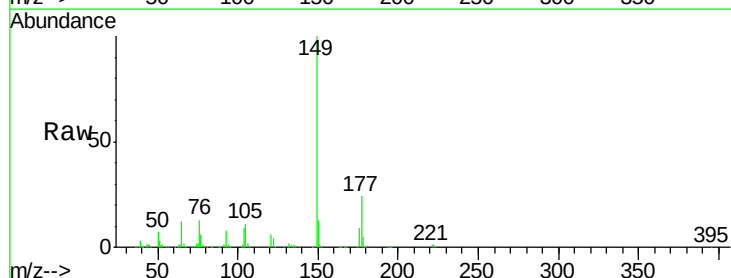
RT: 15.56 min Scan# 2123

Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

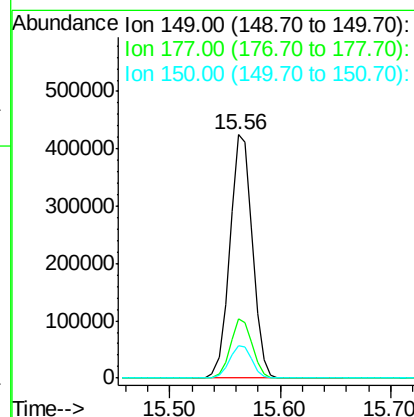
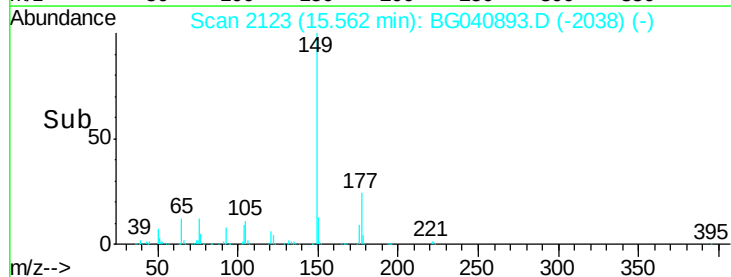
Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		604046		
177	24.2	18.5	27.7		
150	13.1	10.2	15.4		

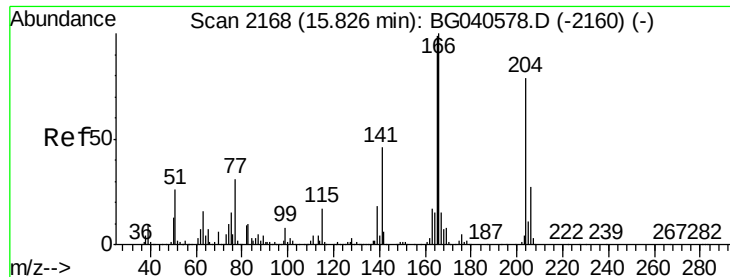


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





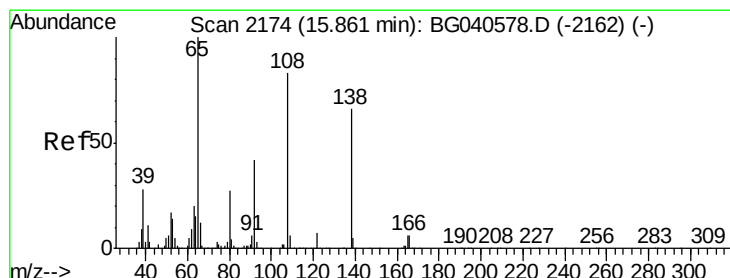
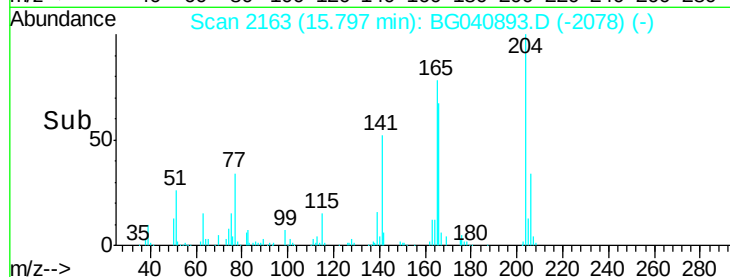
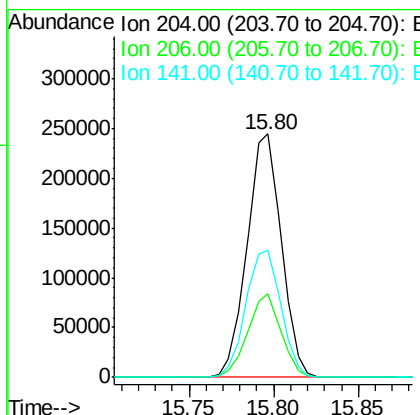
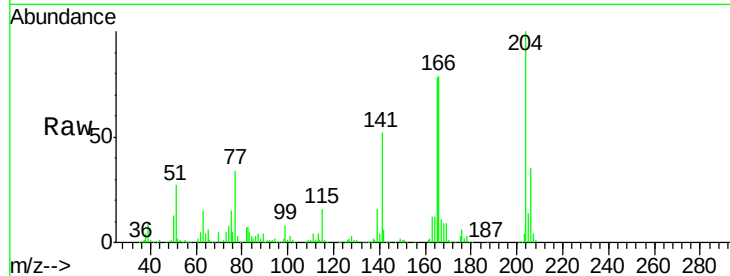
#61
 4-Chlorophenyl-phenylether
 Concen: 41.314 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Instrument :
 BNA_G
 ClientSampleId :
 PB119655BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.5	27.4	41.2
141	52.2	46.0	69.0

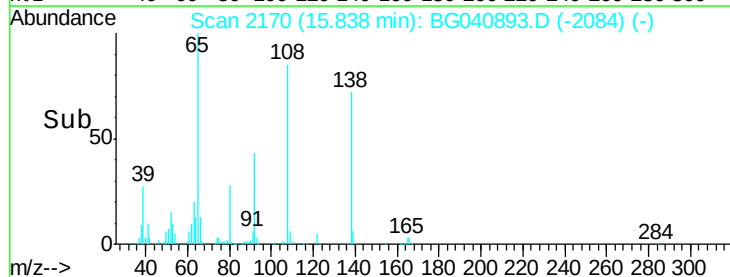
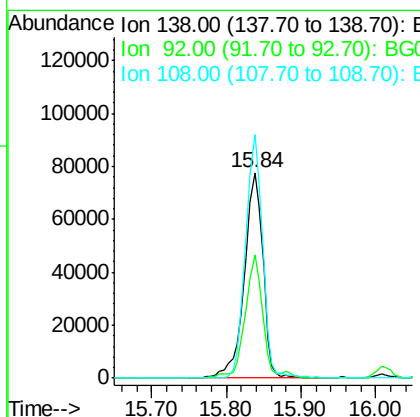
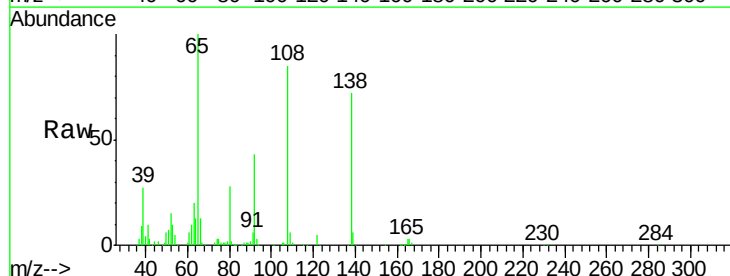
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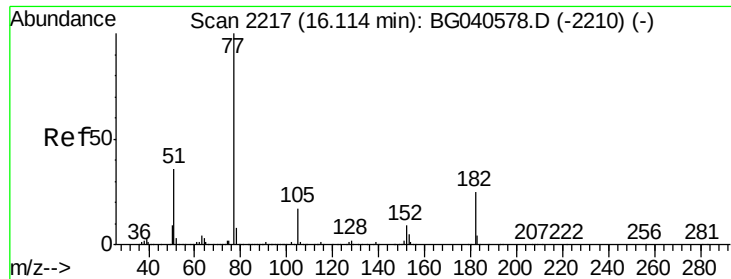
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#62
 4-Nitroaniline
 Concen: 39.808 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	60.1	43.9	83.9
108	118.3	106.5	146.5





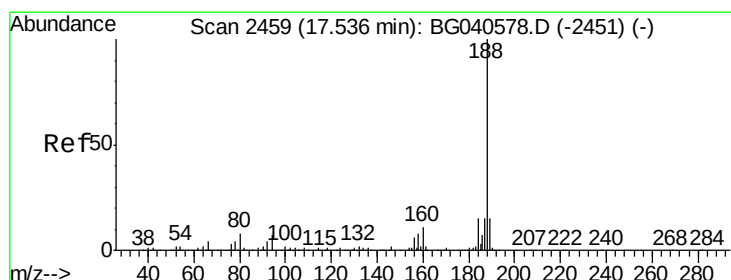
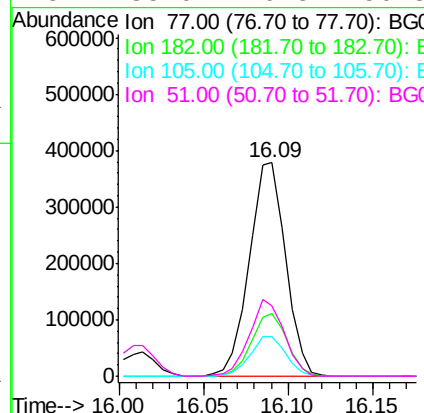
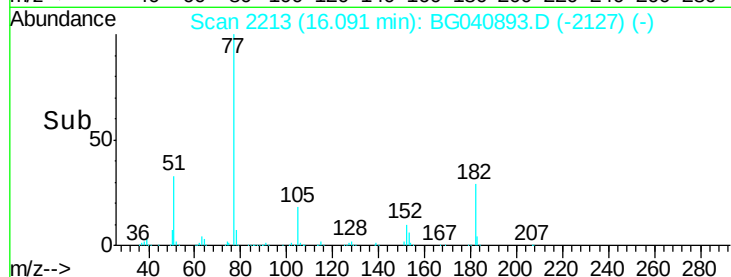
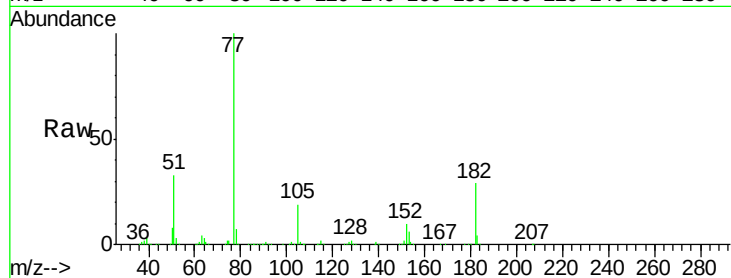
#63
Azobenzene
Concen: 34.327 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	565448		
182	29.2	5.0	45.0	
105	18.7	0.0	37.6	
51	33.0	16.3	56.3	

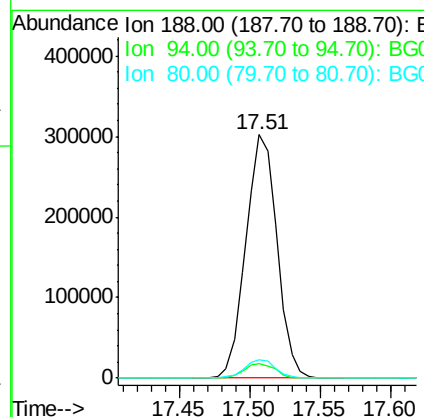
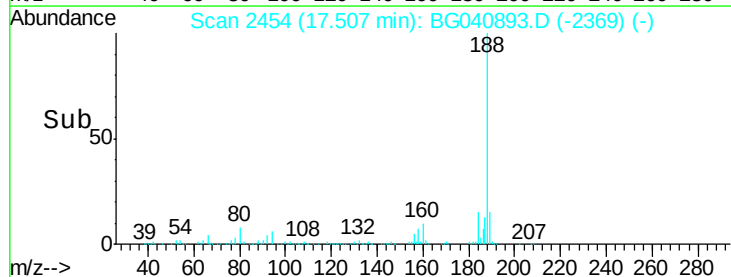
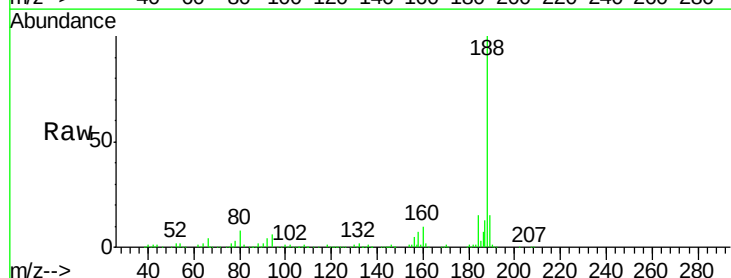
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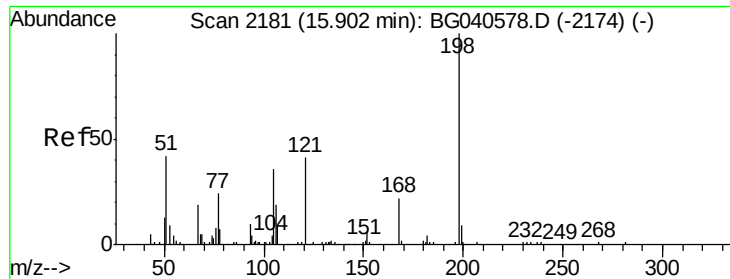
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	467976		
94	6.0	5.6	8.4	
80	7.7	6.4	9.6	





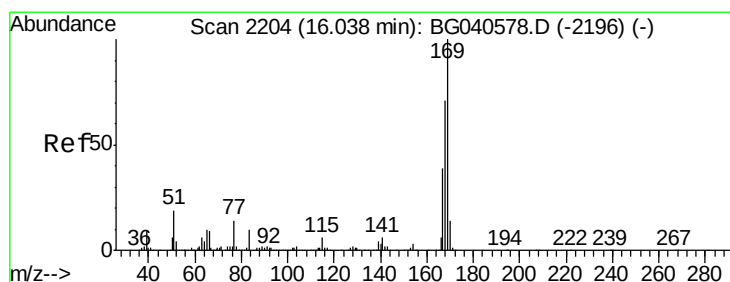
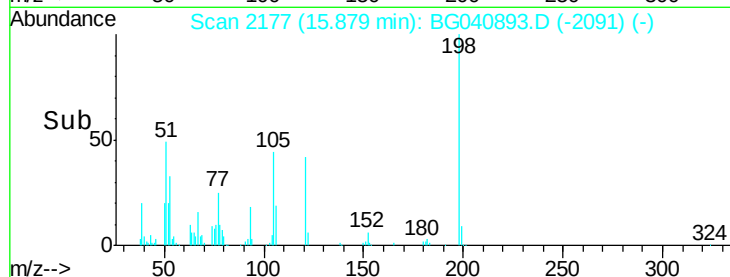
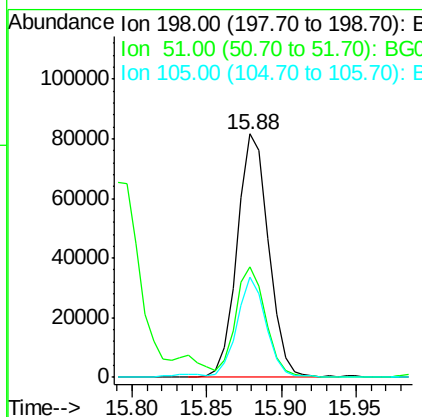
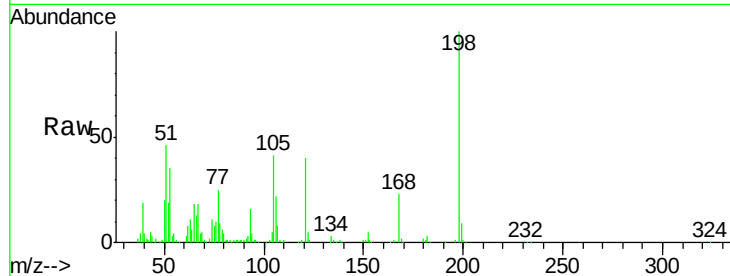
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.263 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Instrument :
 BNA_G
 ClientSampled :
 PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	119510		
51	45.5	35.9	75.9	
105	41.0	21.2	61.2	

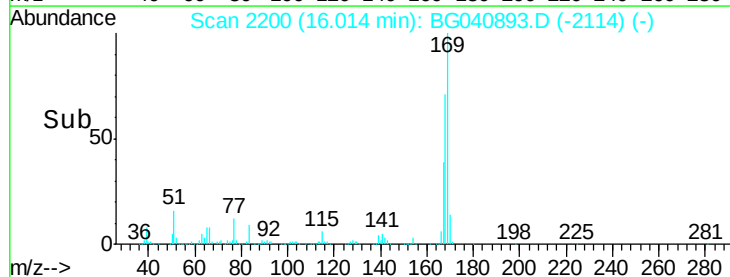
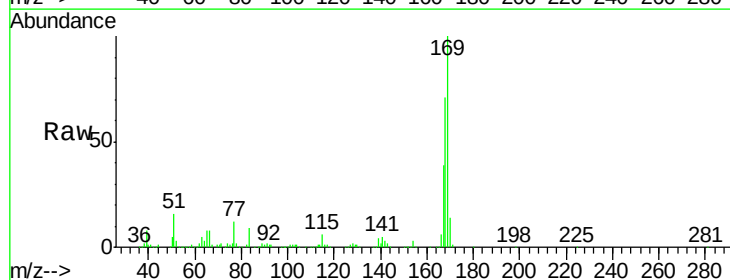
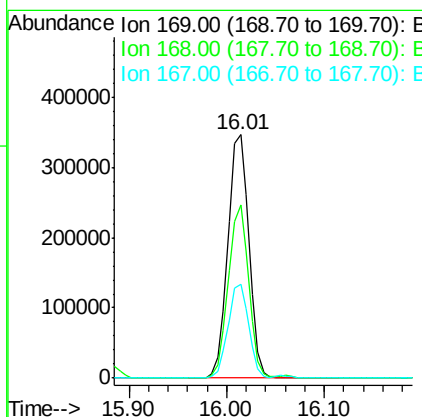
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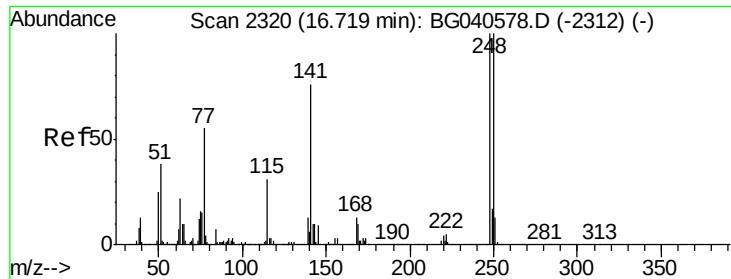
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#66
 n-Nitrosodiphenylamine
 Concen: 37.511 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	516464		
168	71.0	56.8	85.2	
167	38.6	31.4	47.0	





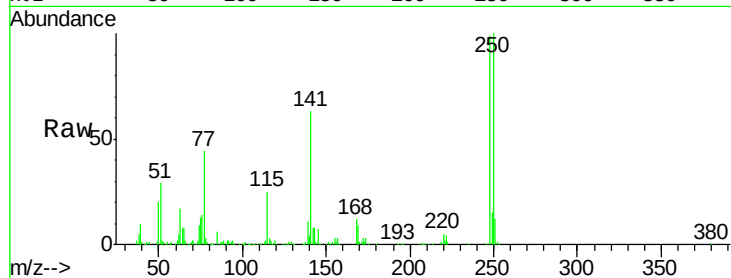
#67
 4-Bromophenyl-phenylether
 Concen: 40.059 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Instrument :
 BNA_G
 ClientSampleId :
 PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	101.2	79.8	119.6	
141	63.8	60.8	91.2	

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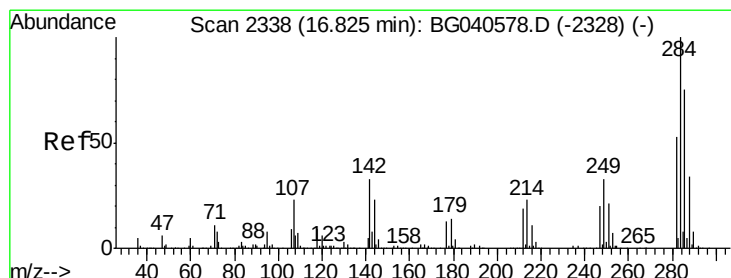
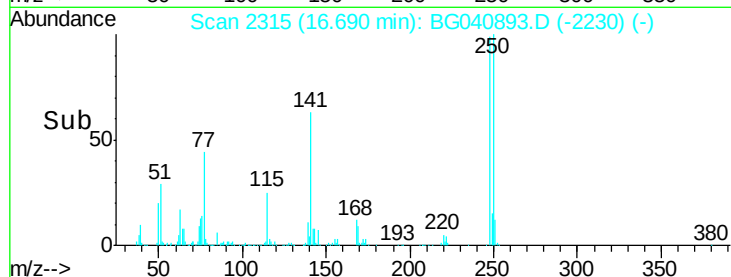
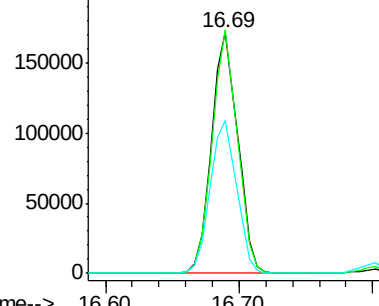


Abundance

Ion 248.00 (247.70 to 248.70): E

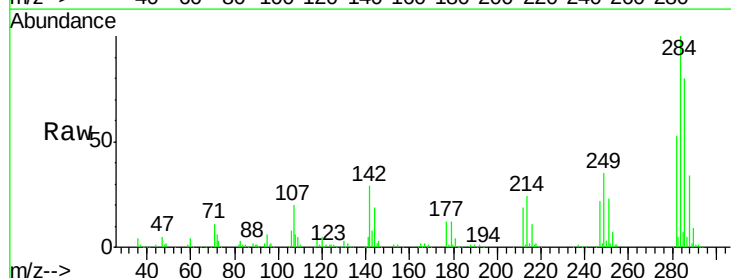
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.921 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.4	26.6	40.0	
249	34.8	26.0	39.0	

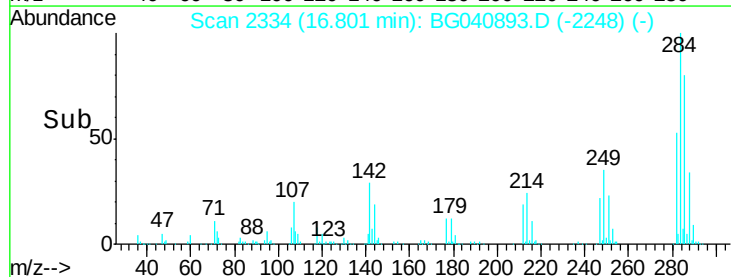
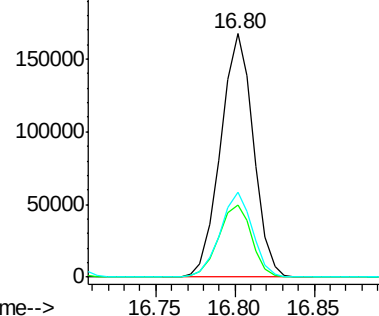


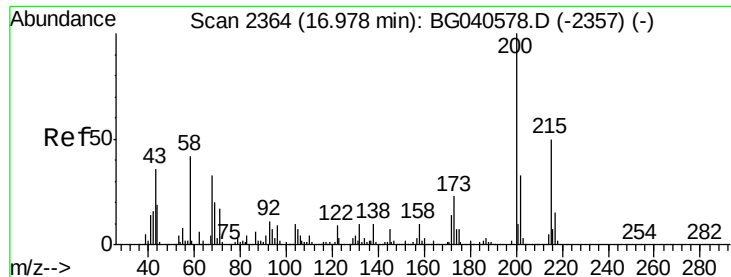
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.273 ng

RT: 16.95 min Scan# 2359

Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

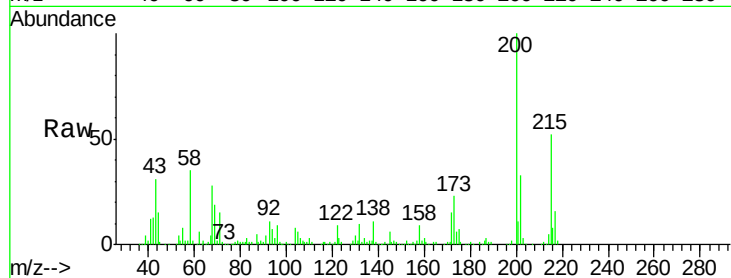
ClientSampleId :

PB119655BS

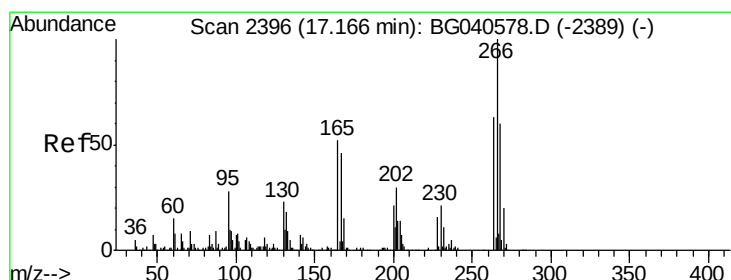
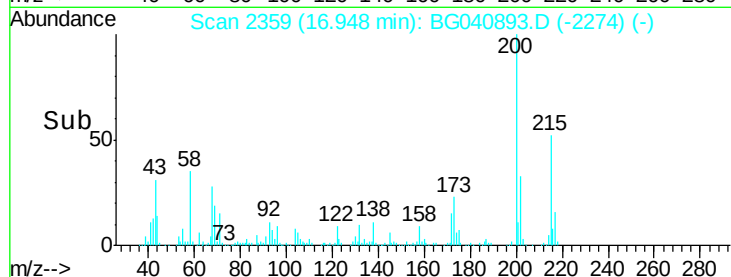
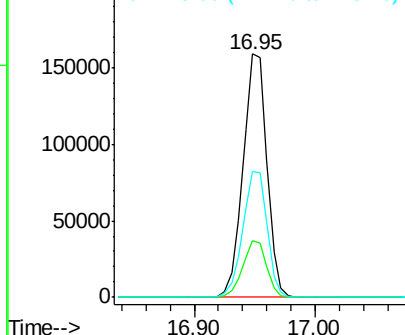
Tgt Ion:	200	Resp:	219687
Ion Ratio	Lower	Upper	
200	100		
173	23.3	2.8	42.8
215	51.6	30.2	70.2

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.681 ng

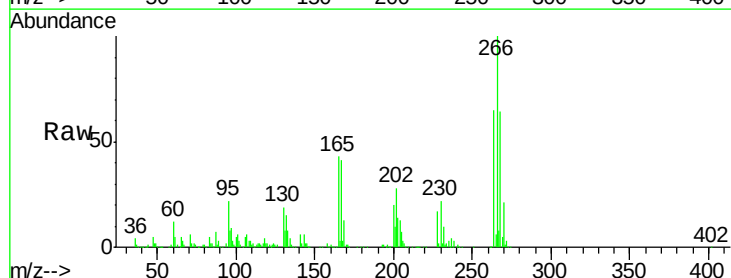
RT: 17.15 min Scan# 2393

Delta R.T. -0.02 min

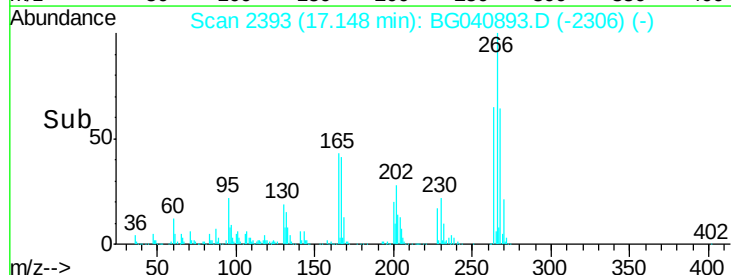
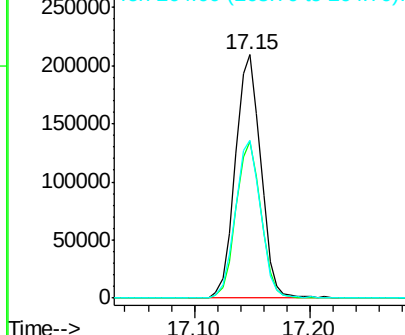
Lab File: BG040893.D

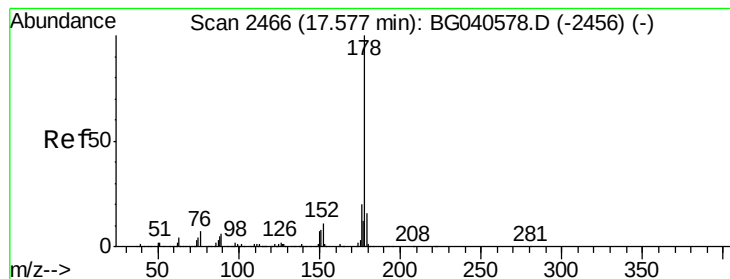
Acq: 12 May 2019 4:42

Tgt Ion:	266	Resp:	319899
Ion Ratio	Lower	Upper	
266	100		
268	64.5	52.3	78.5
264	65.0	50.0	75.0



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





#71

Phenanthrene

Concen: 37.329 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

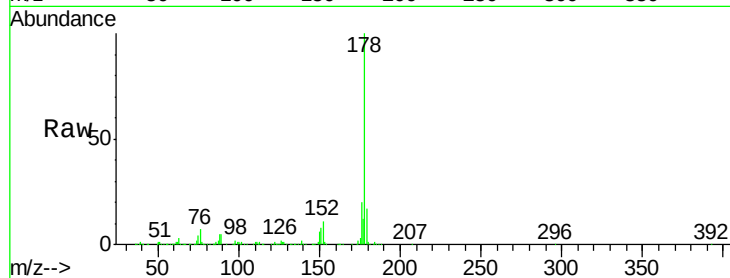
ClientSampleId :

PB119655BS

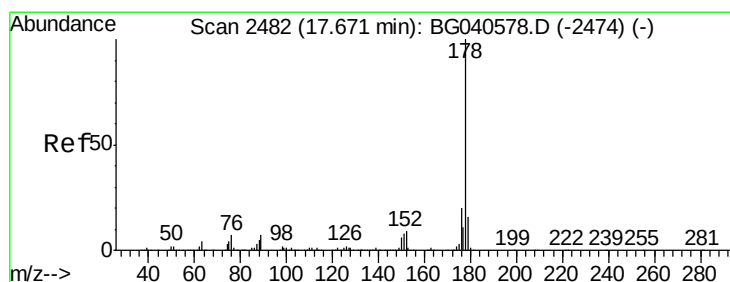
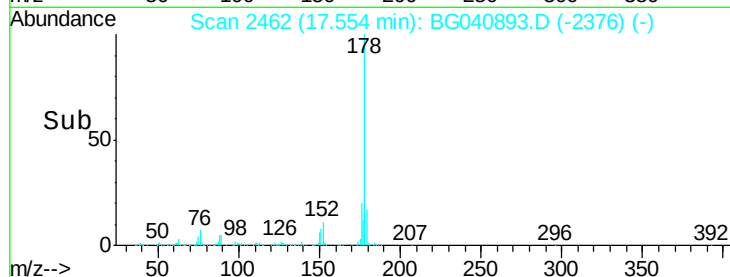
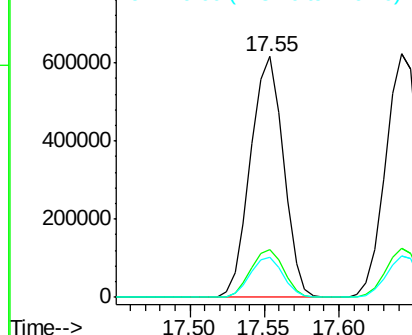
Tgt Ion:	178	Resp:	940921
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.8	23.6
179	16.6	12.6	18.8

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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: 37.897 ng

RT: 17.64 min Scan# 2477

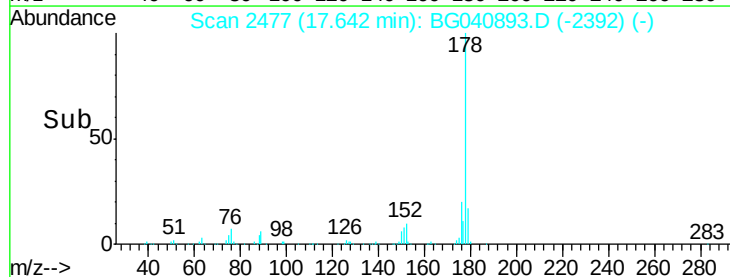
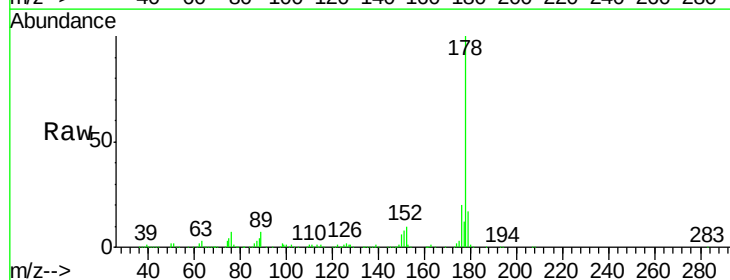
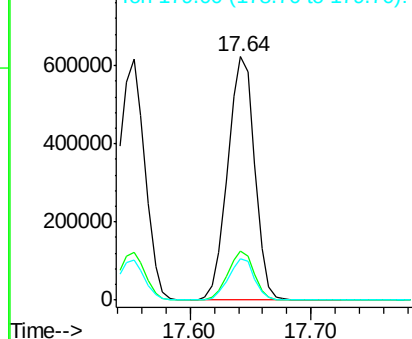
Delta R.T. -0.03 min

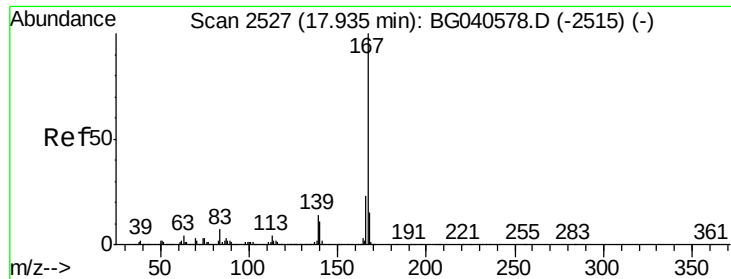
Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion:	178	Resp:	960178
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.6	23.4
179	16.9	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





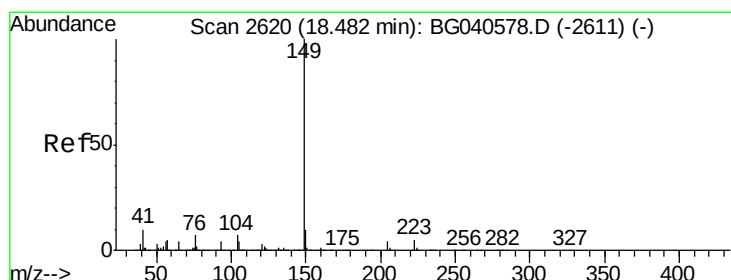
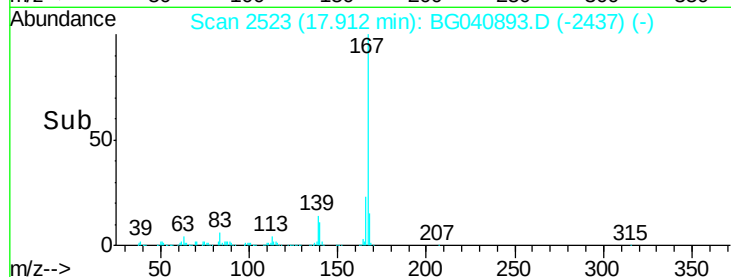
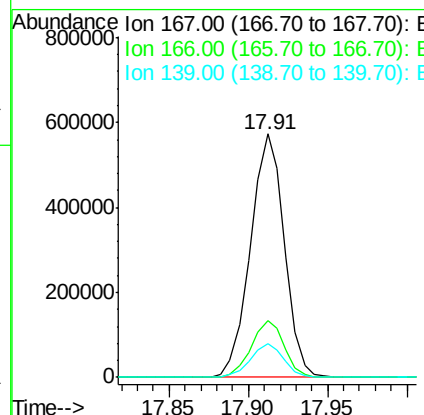
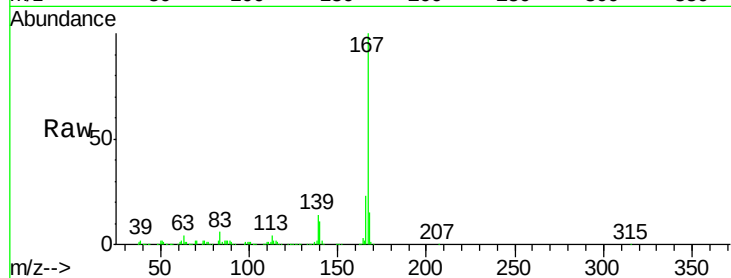
#73
 Carbazole
 Concen: 36.763 ng
 RT: 17.91 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Instrument :
 BNA_G
 ClientSampleId :
 PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	848628		
166	23.4		18.2	27.4
139	13.7		11.4	17.0

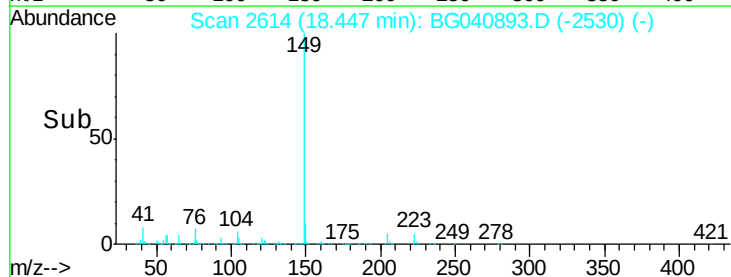
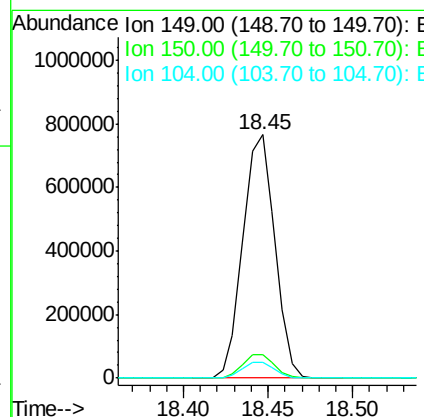
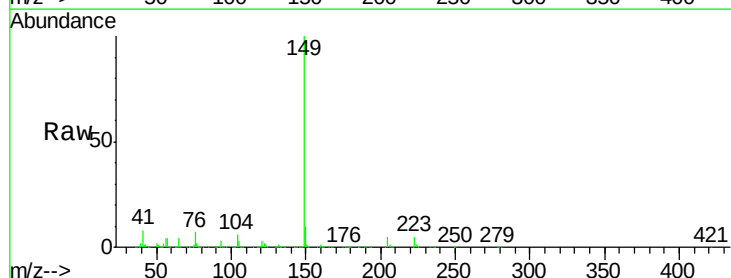
Manual Integrations
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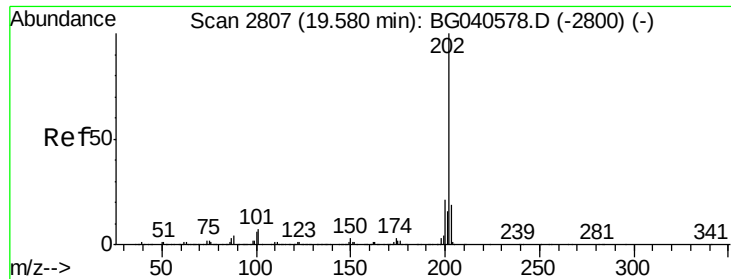
Sohil
 5/14/2019 8:01:49 PM



#74
 Di-n-butylphthalate
 Concen: 36.302 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.04 min
 Lab File: BG040893.D
 Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1011436		
150	9.8		8.2	12.2
104	6.5		5.4	8.2





#75

Fluoranthene

Concen: 39.572 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

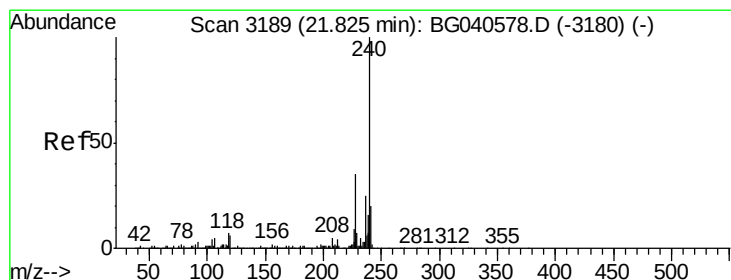
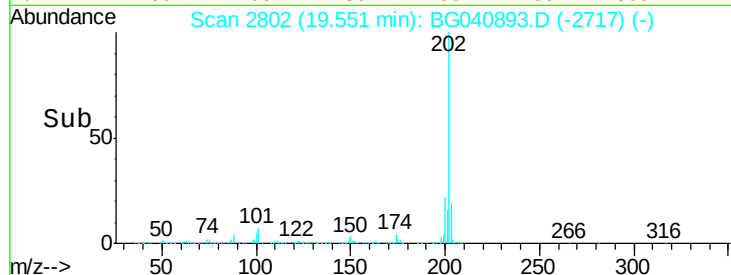
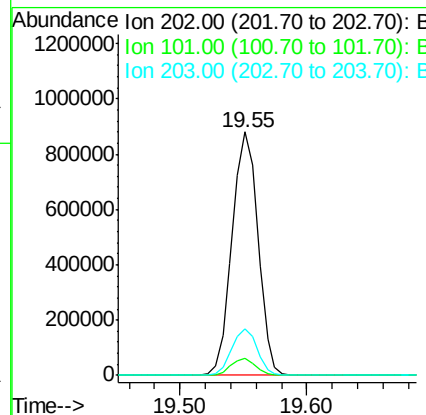
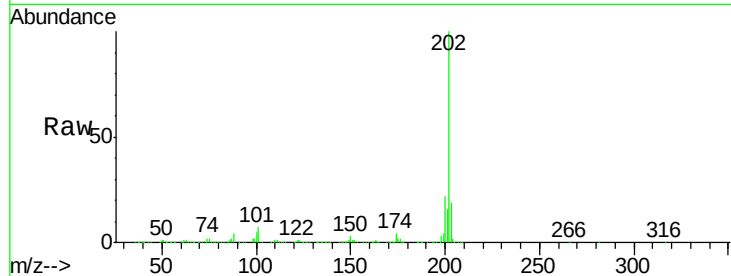
ClientSampleId :

PB119655BS

Tgt	Ion:202	Resp:	1243003
Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.5
203	19.2	0.0	39.3

Manual Integrations
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Sohil
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#76

Chrysene-d12

Concen: 20.000 ng

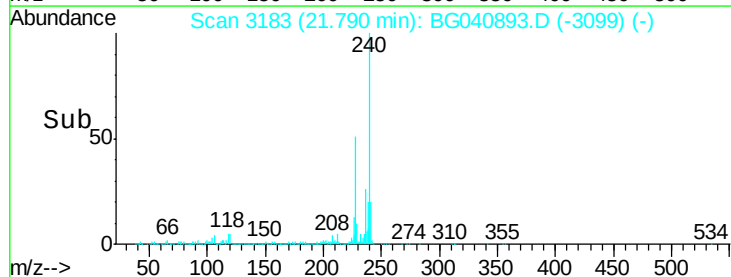
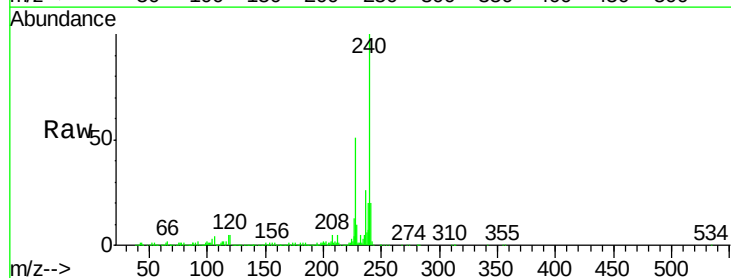
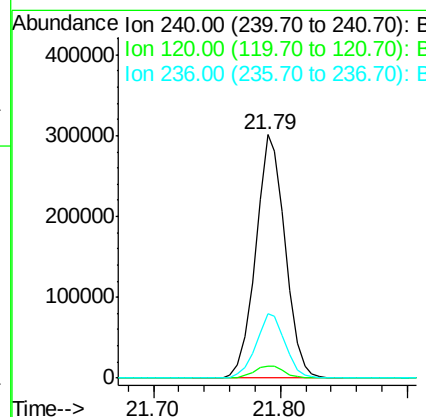
RT: 21.79 min Scan# 3183

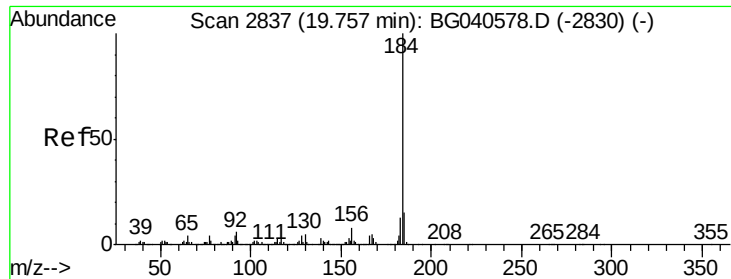
Delta R.T. -0.04 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt	Ion:240	Resp:	484287
Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.0	7.6
236	26.2	20.3	30.5





#77

Benzidine

Concen: 34.953 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

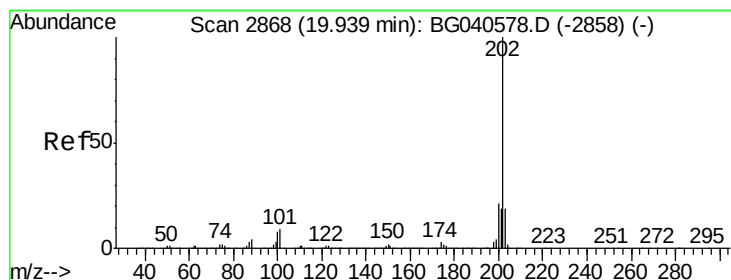
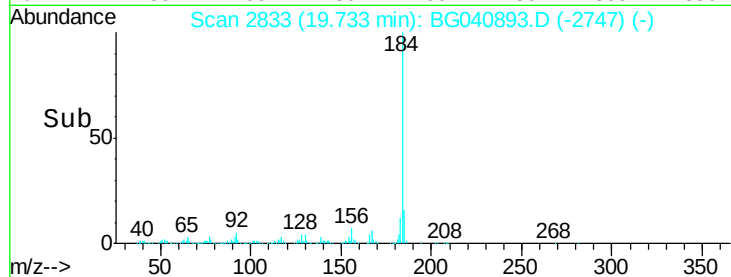
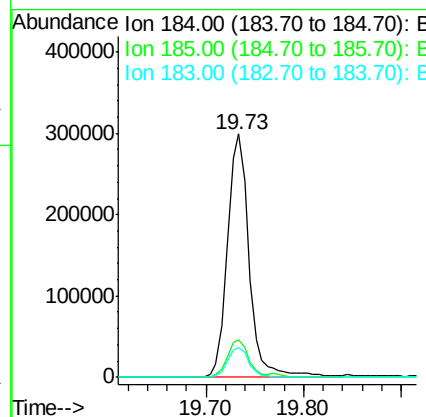
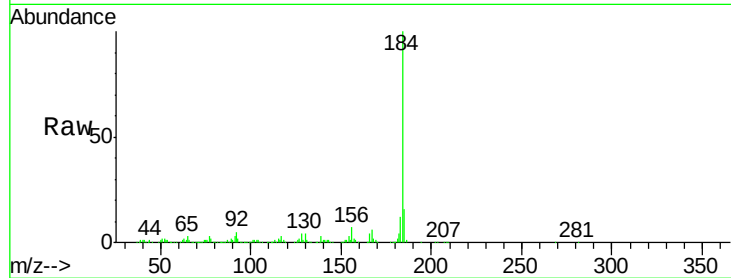
ClientSampleId :

PB119655BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	463472		
185	15.6	11.8	17.8	
183	12.4	10.2	15.2	

Manual Integrations
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Sohil
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#78

Pyrene

Concen: 40.721 ng

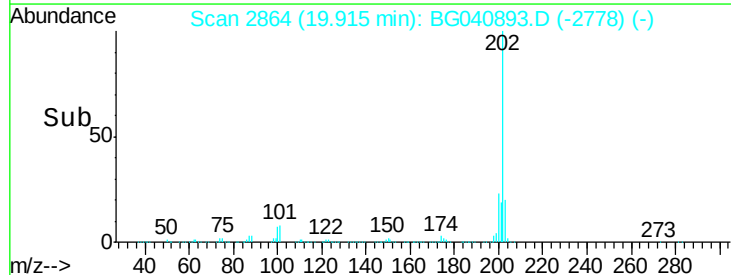
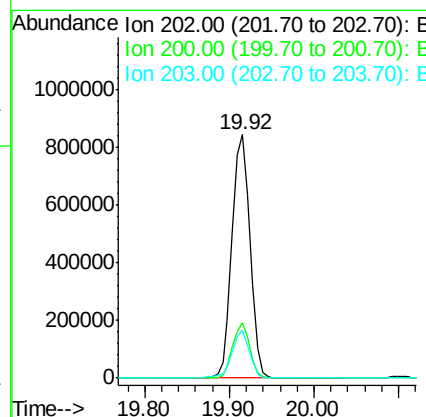
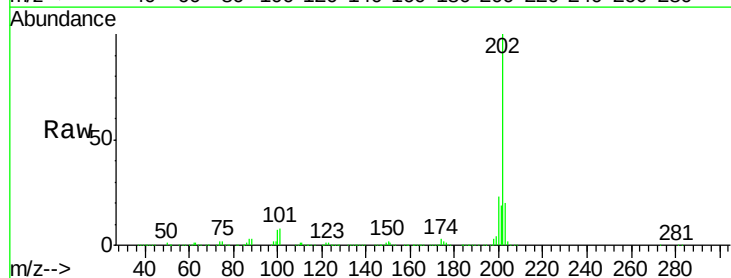
RT: 19.92 min Scan# 2864

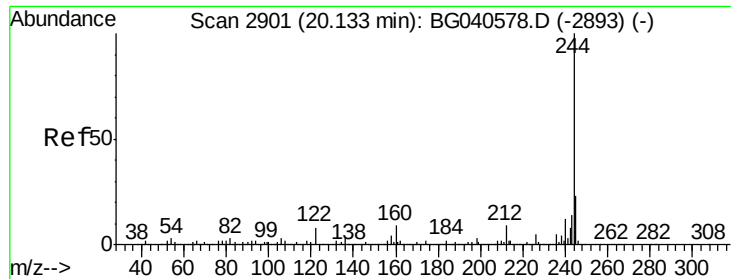
Delta R.T. -0.02 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1236012		
200	23.0	17.2	25.8	
203	19.7	15.0	22.4	





#79

Terphenyl-d14

Concen: 81.788 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

ClientSampleId :

PB119655BS

Tgt Ion:244 Resp: 1787861

Ion Ratio Lower Upper

244 100

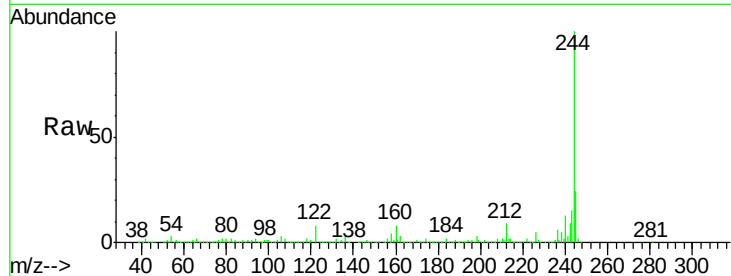
212 9.2 7.2 10.8

122 7.8 6.6 10.0

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Sohil

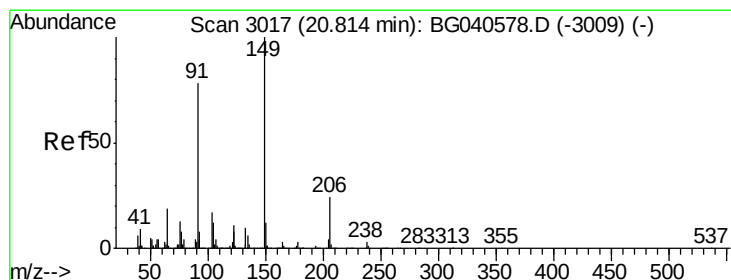
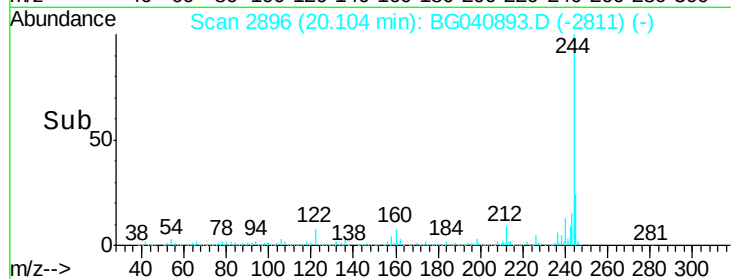
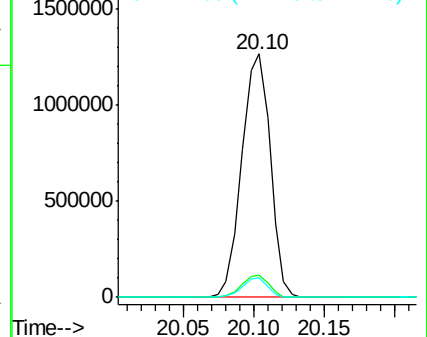
5/14/2019 8:01:49 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.021 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.04 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

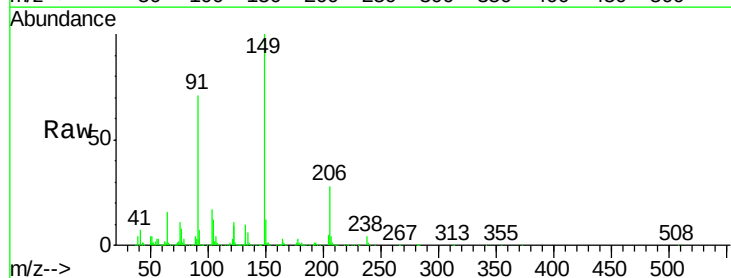
Tgt Ion:149 Resp: 485283

Ion Ratio Lower Upper

149 100

91 71.4 62.6 93.8

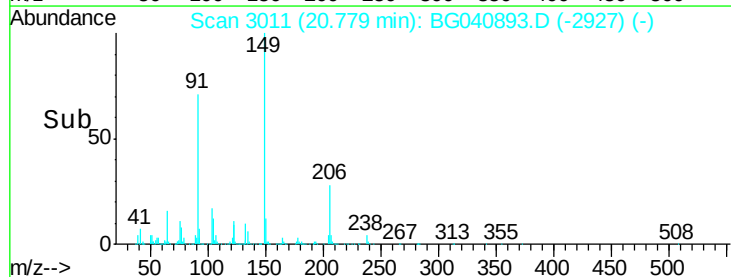
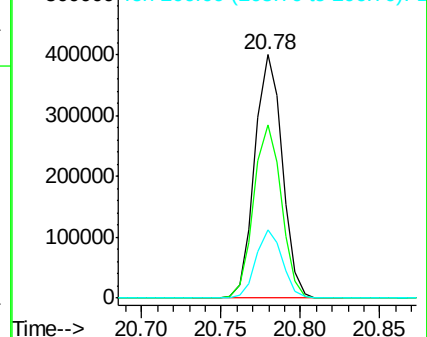
206 27.8 19.4 29.2

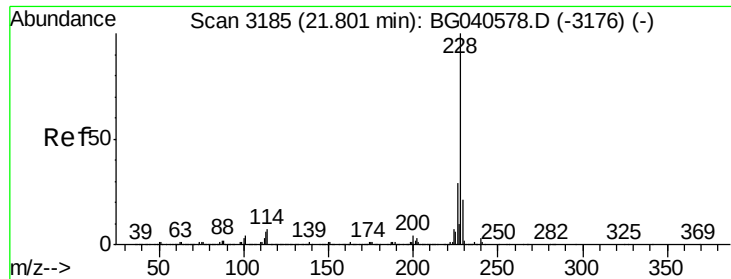


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





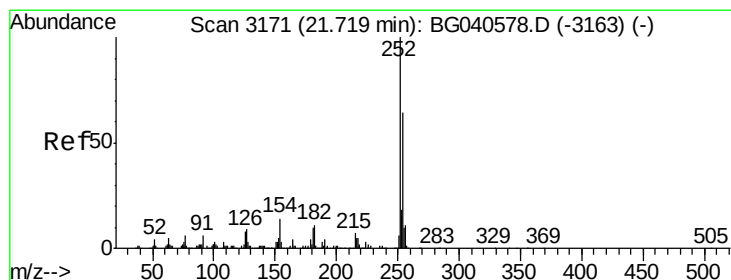
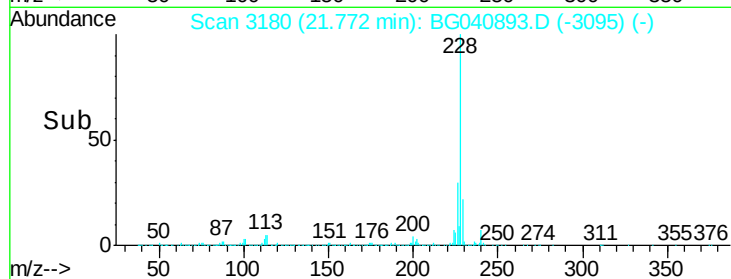
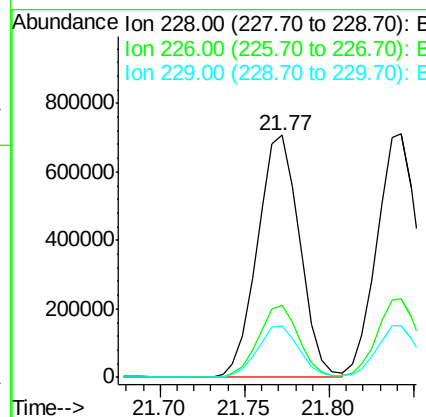
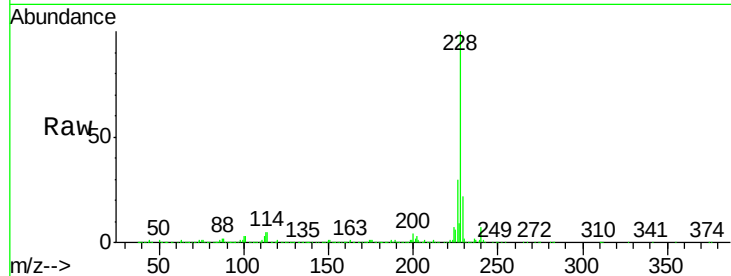
#81
Benzo(a)anthracene
Concen: 40.214 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.03 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.1	34.7
229	21.5	17.0	25.4

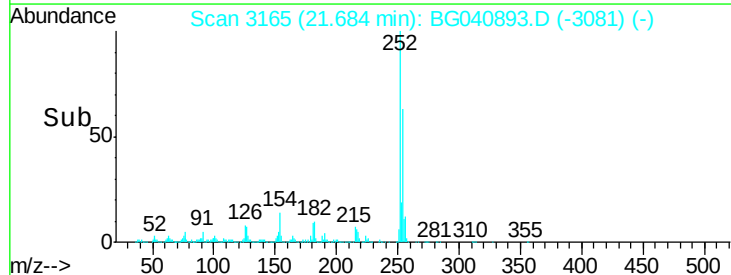
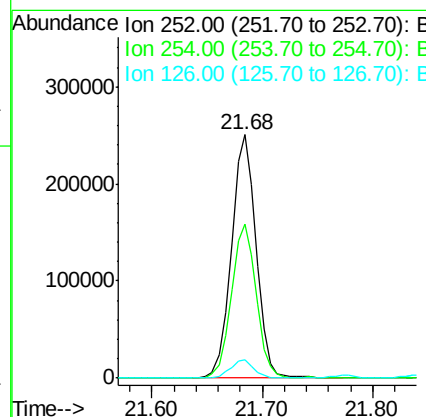
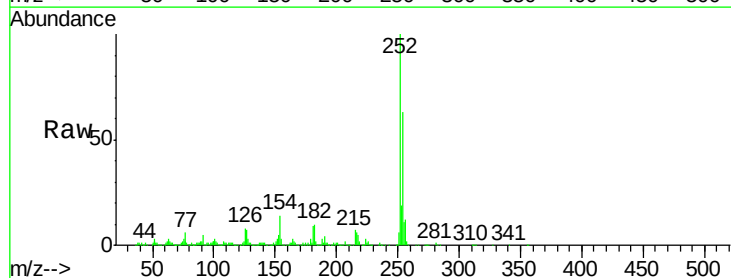
Manual Integrations
APPROVED

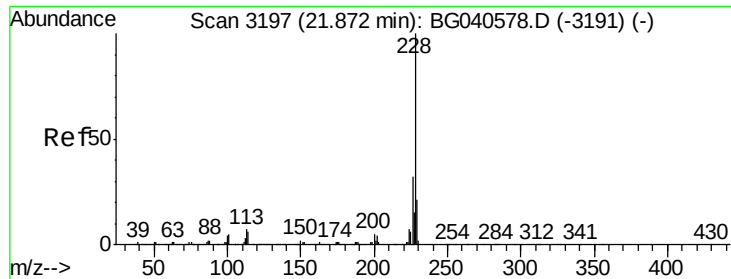
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 35.924 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.04 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.2	76.8
126	7.6	6.6	10.0





#83

Chrysene

Concen: 41.266 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.03 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

ClientSampleId :

PB119655BS

Tgt Ion:228 Resp: 1201179

Ion Ratio Lower Upper

228 100

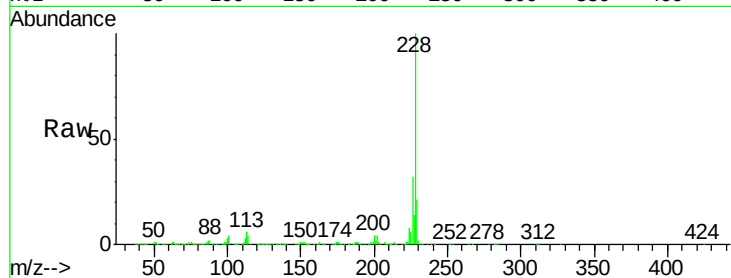
226 32.0 25.5 38.3

229 21.3 16.8 25.2

Manual Integrations
APPROVED

Sohil

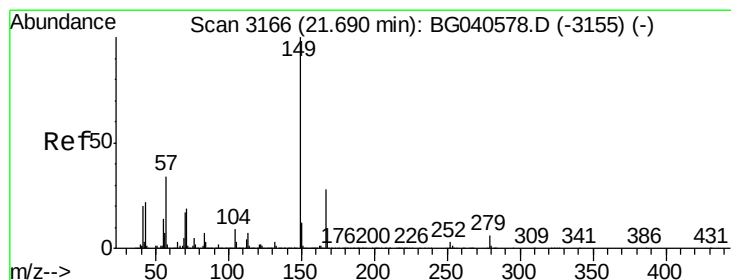
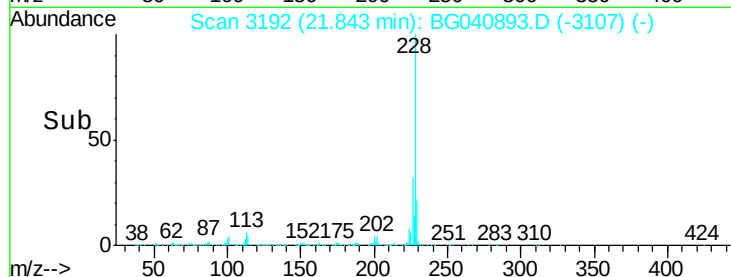
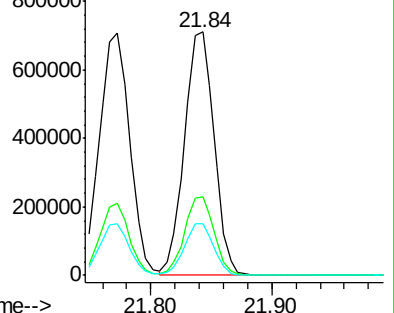
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.986 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.05 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

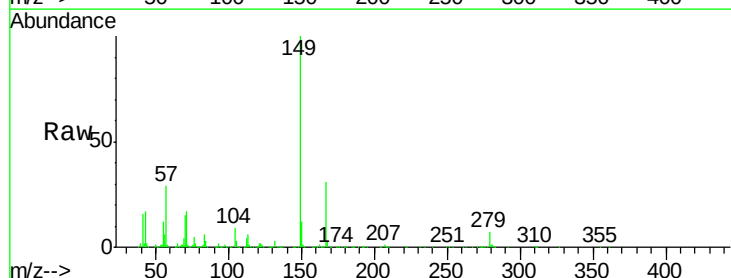
Tgt Ion:149 Resp: 665757

Ion Ratio Lower Upper

149 100

167 30.7 22.4 33.6

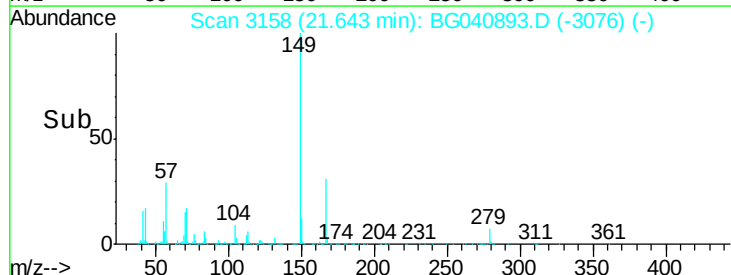
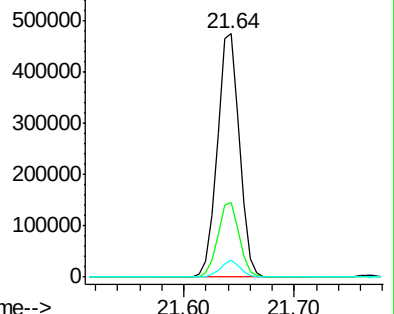
279 7.1 4.6 6.8#

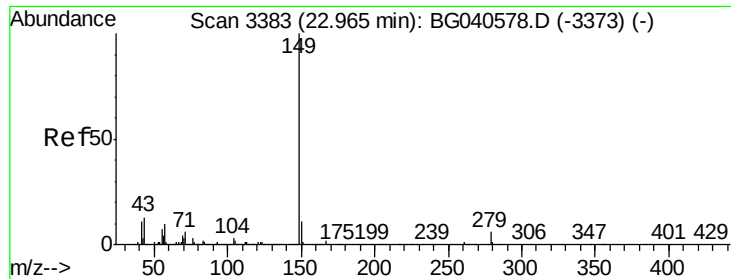


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





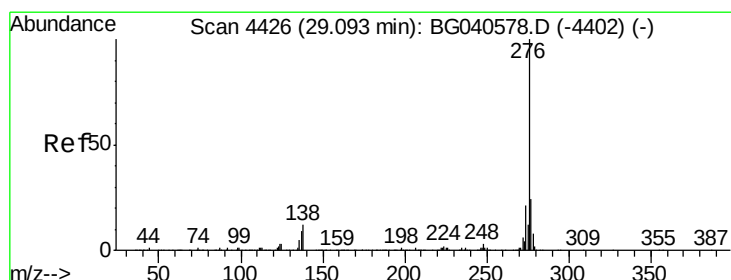
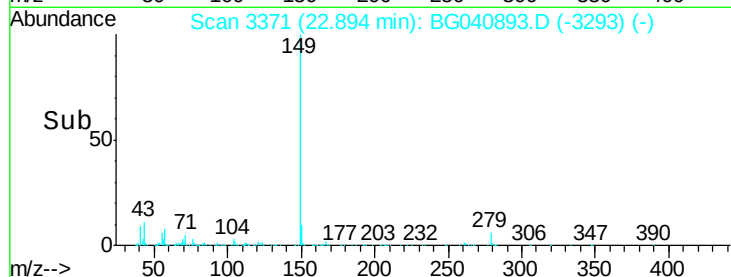
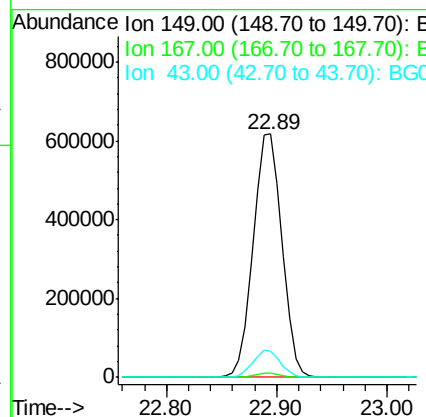
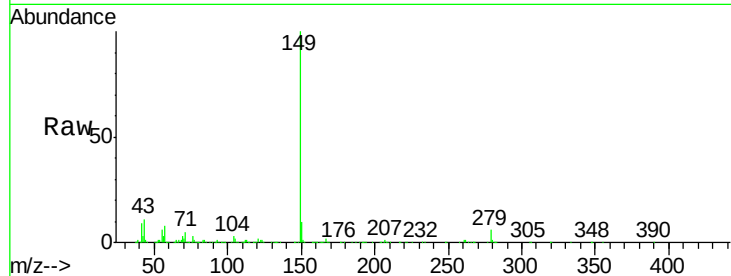
#85
Di-n-octyl phthalate
Concen: 39.304 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.07 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	10.7	10.2	15.2

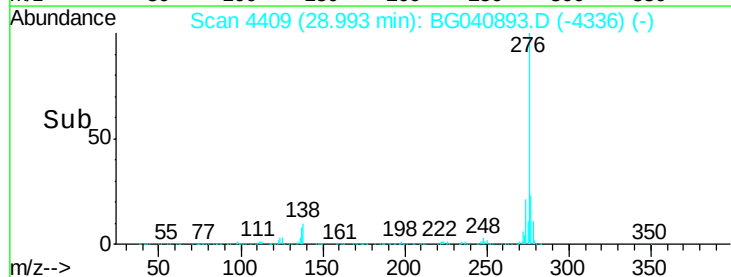
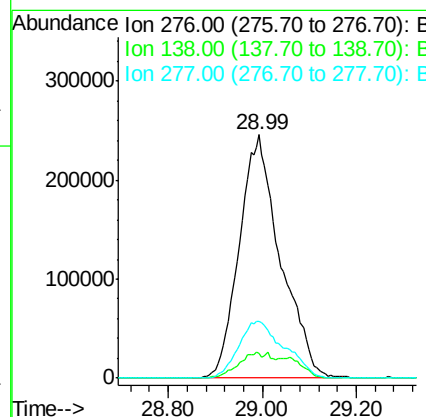
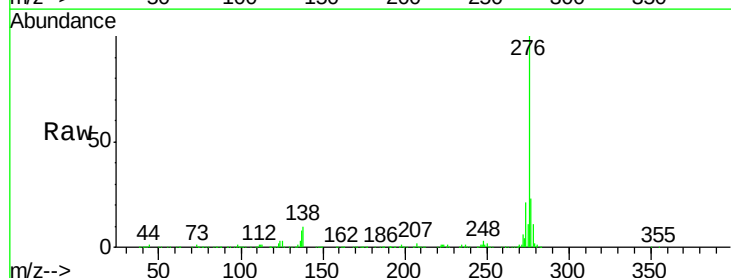
Manual Integrations
APPROVED

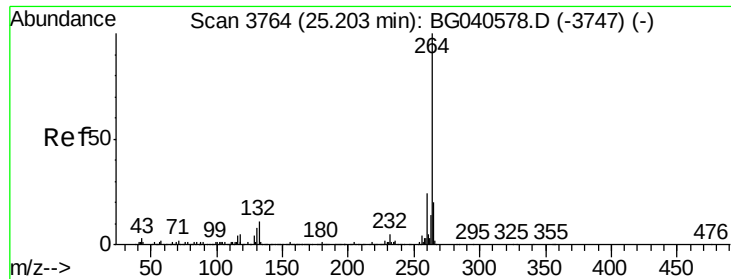
Sohil
5/14/2019 8:01:49 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.347 ng
RT: 28.99 min Scan# 4409
Delta R.T. -0.10 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.9	9.8	14.6#
277	26.0	17.3	25.9#





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3753

Delta R.T. -0.06 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Instrument :

BNA_G

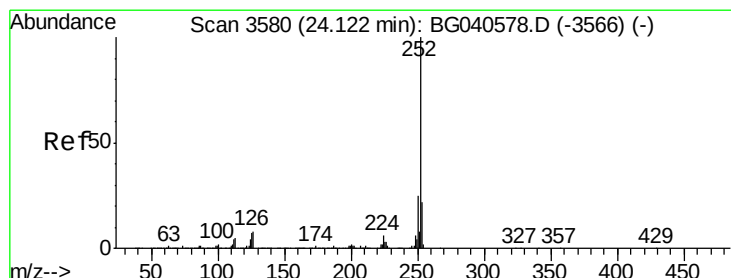
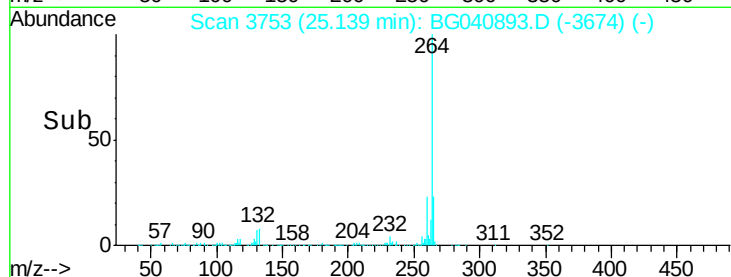
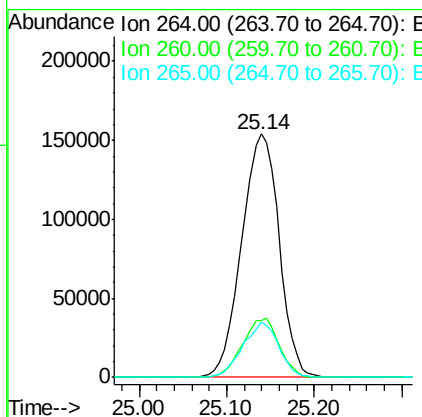
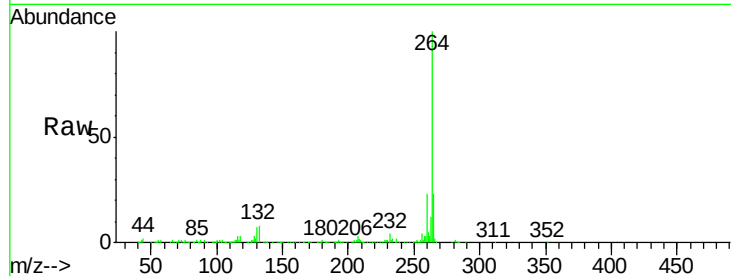
ClientSampleId :

PB119655BS

Tgt Ion:	264	Resp:	448242
Ion Ratio		Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	16.6	25.0

Manual Integrations
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5/14/2019 8:01:49 PM



#88

Benzo(b)fluoranthene

Concen: 46.679 ng

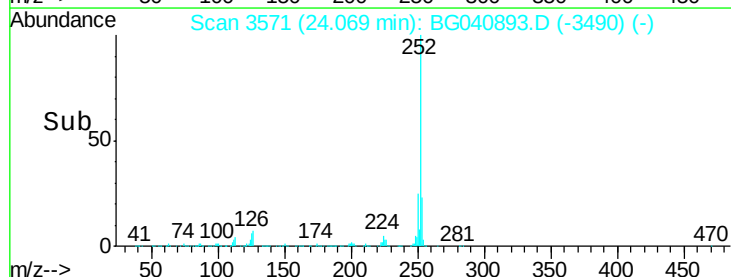
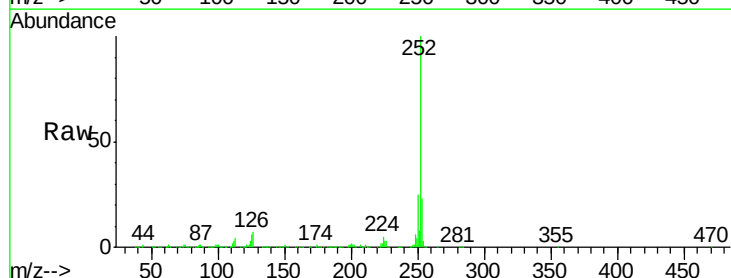
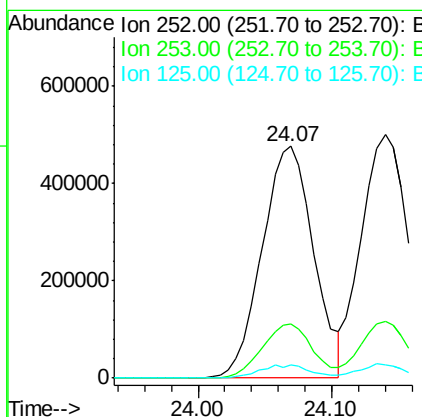
RT: 24.07 min Scan# 3571

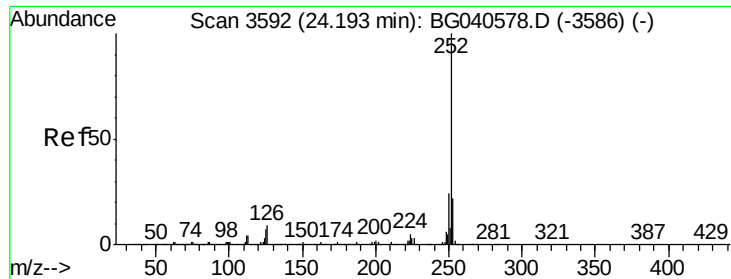
Delta R.T. -0.05 min

Lab File: BG040893.D

Acq: 12 May 2019 4:42

Tgt Ion:	252	Resp:	1278619
Ion Ratio		Lower	Upper
252	100		
253	23.3	17.6	26.4
125	5.7	5.4	8.0





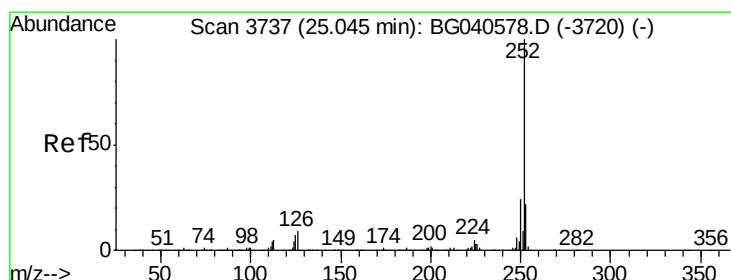
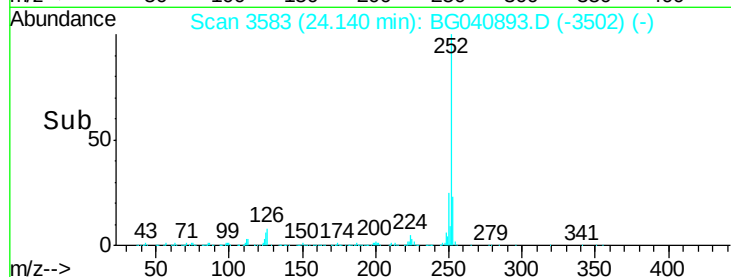
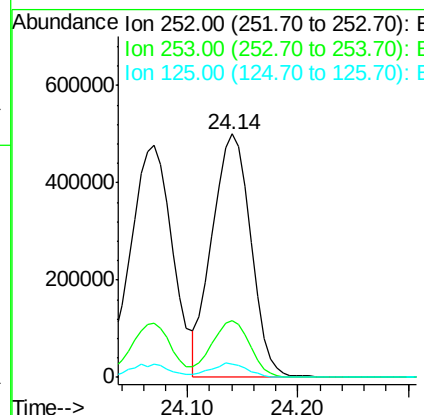
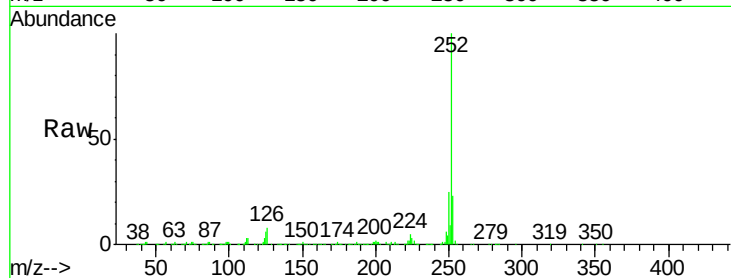
#89
Benzo(k)fluoranthene
Concen: 47.368 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.05 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	5.5	5.5	8.3

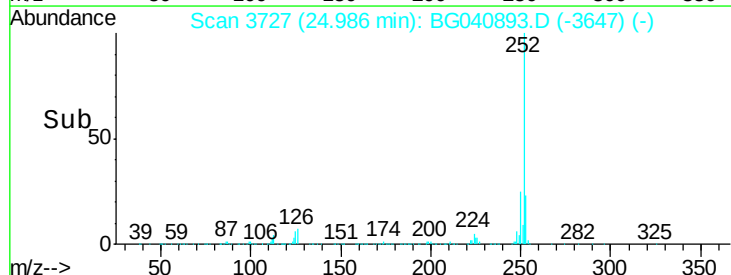
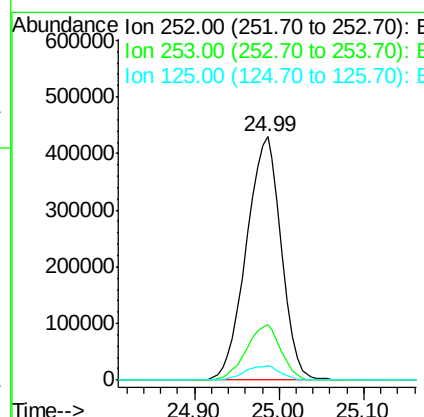
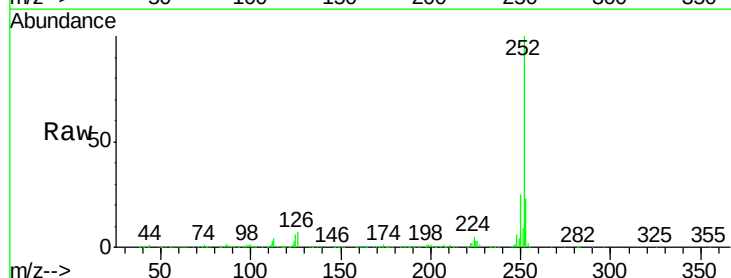
Manual Integrations
APPROVED

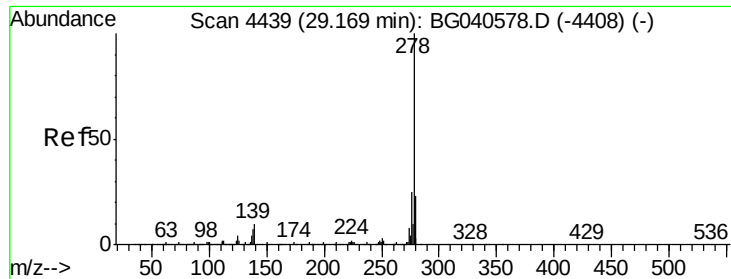
Sohil
5/14/2019 8:01:49 PM



#90
Benzo(a)pyrene
Concen: 47.451 ng
RT: 24.99 min Scan# 3727
Delta R.T. -0.06 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	6.1	5.7	8.5





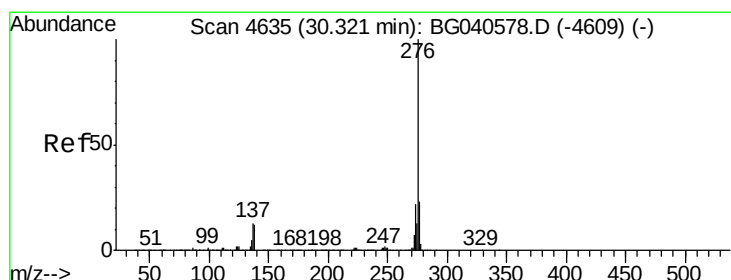
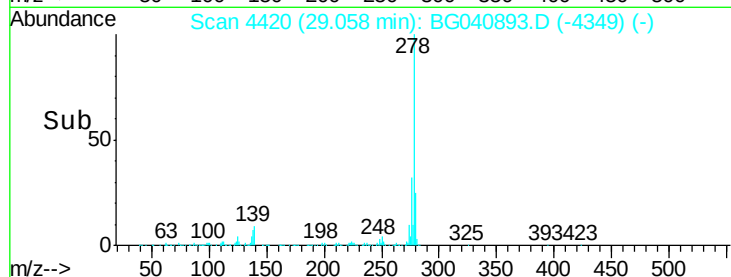
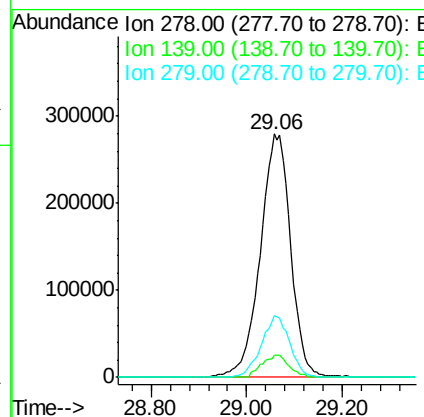
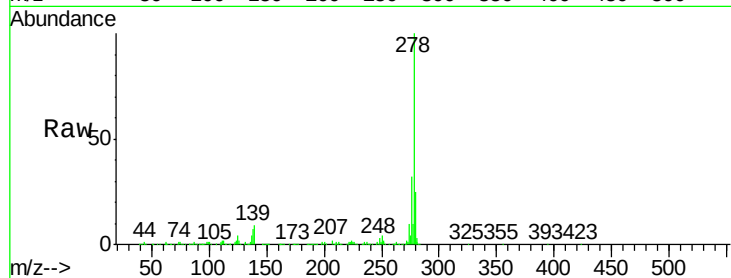
#91
Dibenzo(a,h)anthracene
Concen: 46.852 ng
RT: 29.06 min Scan# 4420
Delta R.T. -0.11 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Instrument :
BNA_G
ClientSampleId :
PB119655BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.2	12.4
279	25.4	18.5	27.7

Manual Integrations
APPROVED

Sohil
5/14/2019 8:01:49 PM



#92
Benzo(g,h,i)perylene
Concen: 47.580 ng
RT: 30.22 min Scan# 4617
Delta R.T. -0.11 min
Lab File: BG040893.D
Acq: 12 May 2019 4:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	11.9	9.8	14.6

