

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040877.D
 Acq On : 11 May 2019 17:19
 Operator : HP/JU
 Sample : PB119645BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Manual Integrations
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Sohil
 5/14/2019 8:01:41 PM

Quant Time: May 12 05:44:27 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	56454	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	226085	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	172204	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	442623	20.00	ng	-0.03
76) Chrysene-d12	21.80	240	463518	20.00	ng	-0.03
87) Perylene-d12	25.14	264	427656	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	470419	146.89	ng	-0.02
7) Phenol-d6	7.28	99	672189	136.32	ng	-0.02
23) Nitrobenzene-d5	9.31	82	393357	80.39	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	372207	157.25	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	906736	76.04	ng	-0.03
79) Terphenyl-d14	20.10	244	1720699	82.24	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	47689	32.743	ng	90
3) Pyridine	3.94	79	121974	28.893	ng	97
4) n-Nitrosodimethylamine	3.86	42	78906	33.697	ng	# 84
6) Aniline	7.45	93	187973	28.760	ng	99
8) 2-Chlorophenol	7.69	128	154350	39.471	ng	98
9) Benzaldehyde	7.27	77	79825	23.569	ng	95
10) Phenol	7.30	94	210170	39.650	ng	96
11) bis(2-Chloroethyl)ether	7.55	93	141022	35.478	ng	94
12) 1,3-Dichlorobenzene	8.02	146	153958	36.071	ng	96
13) 1,4-Dichlorobenzene	8.17	146	154753	35.766	ng	100
14) 1,2-Dichlorobenzene	8.49	146	150741	36.125	ng	95
15) Benzyl Alcohol	8.37	79	173637	33.842	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	226382	28.606	ng	94
17) 2-Methylphenol	8.56	107	144281	38.463	ng	90
18) Hexachloroethane	9.22	117	60202	33.918	ng	96
19) n-Nitroso-di-n-propylamine	8.94	70	141923	31.973	ng	94
20) 3+4-Methylphenols	8.89	107	201426	38.545	ng	97
22) Acetophenone	8.96	105	251632	40.025	ng	# 94
24) Nitrobenzene	9.36	77	209378	40.107	ng	95
25) Isophorone	9.87	82	396845	36.411	ng	99
26) 2-Nitrophenol	10.06	139	91067	48.664	ng	94
27) 2,4-Dimethylphenol	10.10	122	162330	46.233	ng	94
28) bis(2-Chloroethoxy)methane	10.35	93	206700	37.800	ng	98
29) 2,4-Dichlorophenol	10.59	162	184036	46.105	ng	95
30) 1,2,4-Trichlorobenzene	10.81	180	188192	42.514	ng	99
31) Naphthalene	11.01	128	479053	39.884	ng	99
32) Benzoic acid	10.23	122	107047	44.535	ng	95
33) 4-Chloroaniline	11.11	127	136375	25.608	ng	94
34) Hexachlorobutadiene	11.27	225	138069	42.249	ng	98
35) Caprolactam	11.91	113	62025m	39.357	ng	
36) 4-Chloro-3-methylphenol	12.22	107	212710	42.242	ng	98
37) 2-Methylnaphthalene	12.60	142	363473	40.474	ng	99
38) 1-Methylnaphthalene	12.82	142	352455	40.152	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	262509	40.921	ng	98

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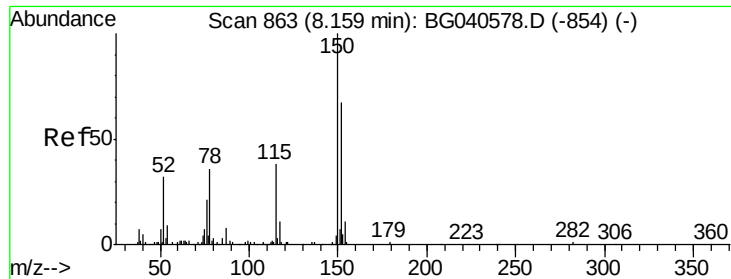
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	325074	85.876	ng	98
43) 2,4,6-Trichlorophenol	13.19	196	181413	46.796	ng	99
44) 2,4,5-Trichlorophenol	13.26	196	195503	46.294	ng	94
46) 1,1'-Biphenyl	13.60	154	499453	37.356	ng	96
47) 2-Chloronaphthalene	13.65	162	412026	39.378	ng	99
48) 2-Nitroaniline	13.85	65	157768	42.359	ng	96
49) Acenaphthylene	14.49	152	651466	36.698	ng	100
50) Dimethylphthalate	14.21	163	567790	39.408	ng	99
51) 2,6-Dinitrotoluene	14.34	165	128399	45.661	ng	87
52) Acenaphthene	14.83	154	383017	37.049	ng	93
53) 3-Nitroaniline	14.68	138	87520	30.376	ng	# 97
54) 2,4-Dinitrophenol	14.87	184	178998	109.984	ng	# 88
55) Dibenzofuran	15.16	168	659595	38.953	ng	99
56) 4-Nitrophenol	14.96	139	201682	80.727	ng	92
57) 2,4-Dinitrotoluene	15.13	165	179977	47.102	ng	87
58) Fluorene	15.81	166	520852	38.056	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.38	232	201612	47.432	ng	94
60) Diethylphthalate	15.56	149	580034	38.156	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	328287	41.241	ng	94
62) 4-Nitroaniline	15.84	138	128194	39.775	ng	93
63) Azobenzene	16.09	77	535915	34.232	ng	97
65) 4,6-Dinitro-2-methylphenol	15.88	198	113888	51.596	ng	87
66) n-Nitrosodiphenylamine	16.01	169	483103	37.098	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	219526	39.809	ng	96
68) Hexachlorobenzene	16.80	284	226810	39.777	ng	97
69) Atrazine	16.95	200	206713	40.065	ng	94
70) Pentachlorophenol	17.15	266	304236	91.181	ng	97
71) Phenanthrene	17.55	178	890366	37.346	ng	99
72) Anthracene	17.64	178	911683	38.044	ng	99
73) Carbazole	17.91	167	808071	37.011	ng	99
74) Di-n-butylphthalate	18.45	149	977297	37.086	ng	99
75) Fluoranthene	19.55	202	1193774	40.181	ng	99
77) Benzidine	19.73	184	395133	31.134	ng	99
78) Pyrene	19.92	202	1192583	41.051	ng	99
80) Butylbenzylphthalate	20.78	149	459109	40.547	ng	95
81) Benzo(a)anthracene	21.77	228	1157788	39.522	ng	100
82) 3,3'-Dichlorobenzidine	21.68	252	366537	35.104	ng	97
83) Chrysene	21.84	228	1138610	40.869	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	632400	38.692	ng	# 96
85) Di-n-octyl phthalate	22.89	149	1067017	38.763	ng	95
86) Indeno(1,2,3-cd)pyrene	28.99	276	1404451	41.695	ng	# 92
88) Benzo(b)fluoranthene	24.07	252	1205103	46.113	ng	96
89) Benzo(k)fluoranthene	24.14	252	1152417	47.219	ng	97
90) Benzo(a)pyrene	24.99	252	1160794	46.925	ng	99
91) Dibenzo(a,h)anthracene	29.07	278	1159342	46.312	ng	# 96
92) Benzo(g,h,i)perylene	30.20	276	1175578	47.185	ng	97

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



#1

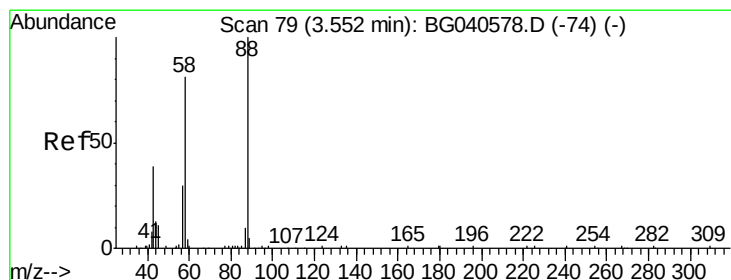
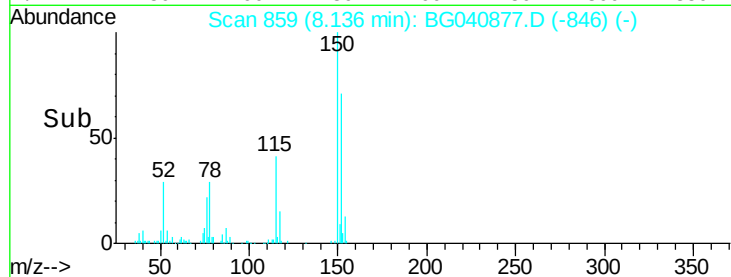
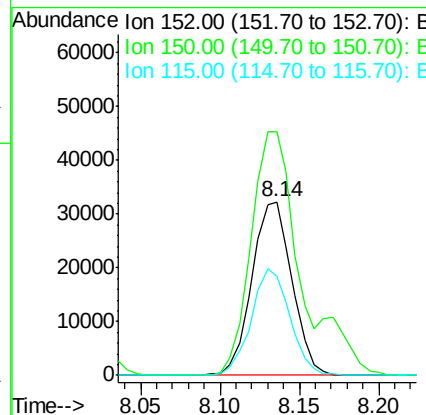
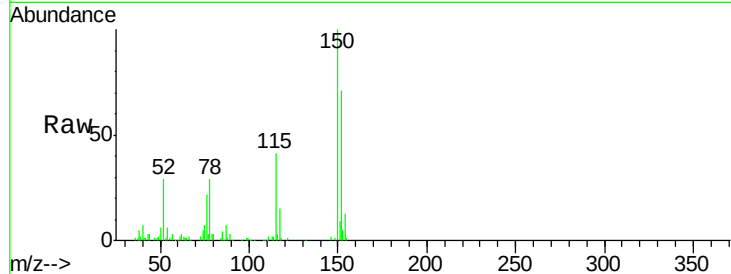
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.3	120.2	180.2
115	56.9	46.2	69.2

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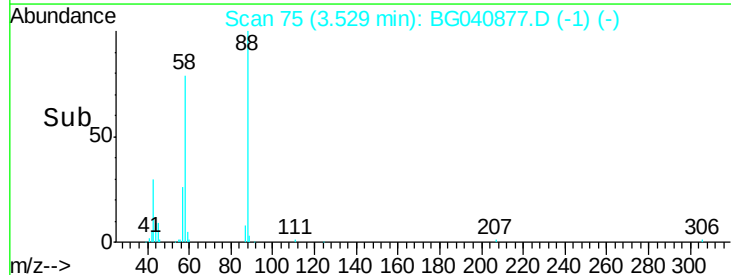
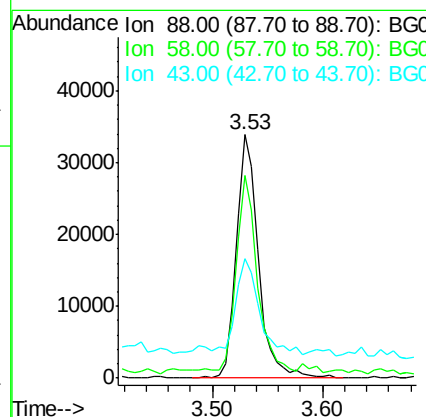
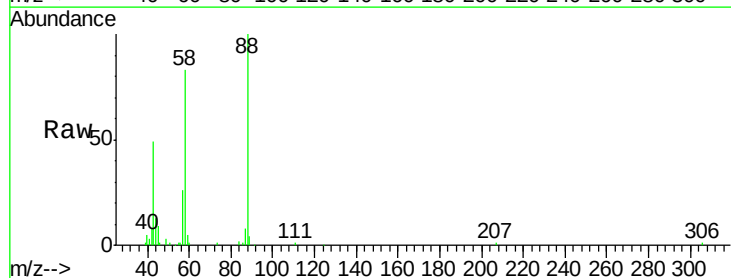
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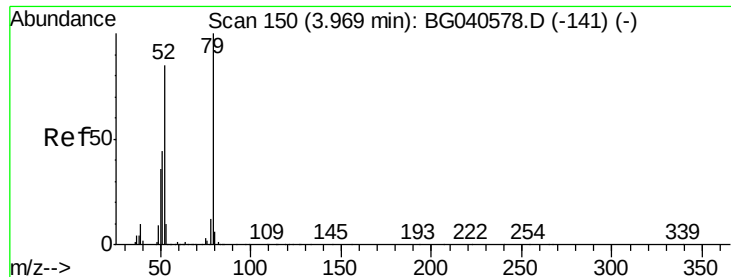


#2

1,4-Dioxane
Concen: 32.743 ng
RT: 3.53 min Scan# 75
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	71.2	106.8
43	41.9	35.6	53.4





#3

Pyridine

Concen: 28.893 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

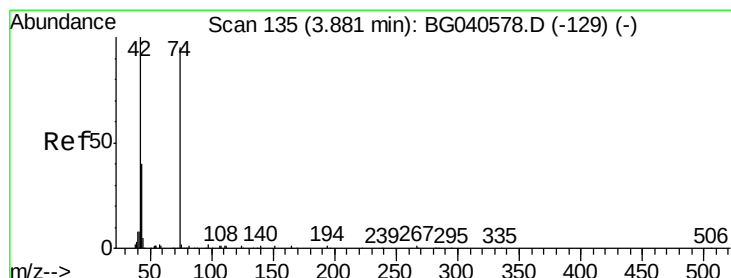
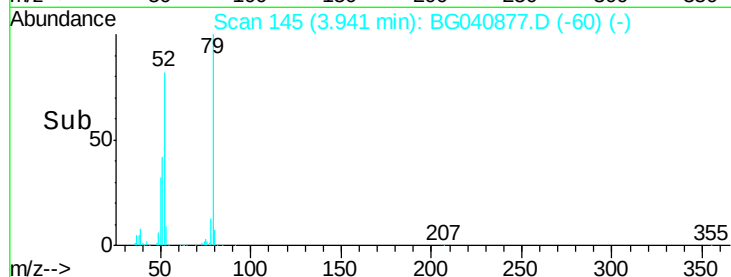
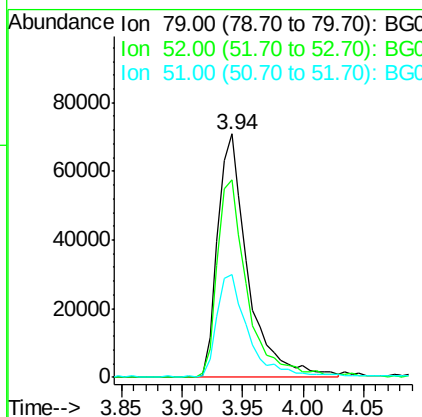
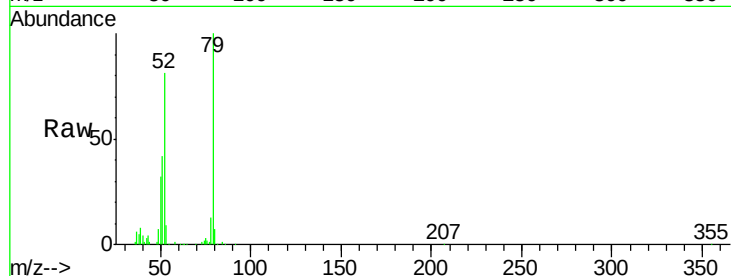
ClientSampleId :

PB119645BS

Tgt Ion:	79	Resp:	121974
Ion	Ratio	Lower	Upper
79	100		
52	81.3	67.5	101.3
51	42.4	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 33.697 ng

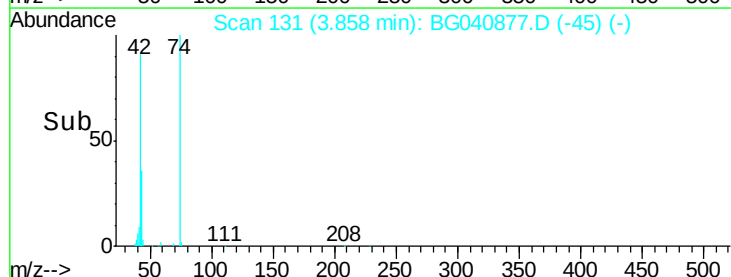
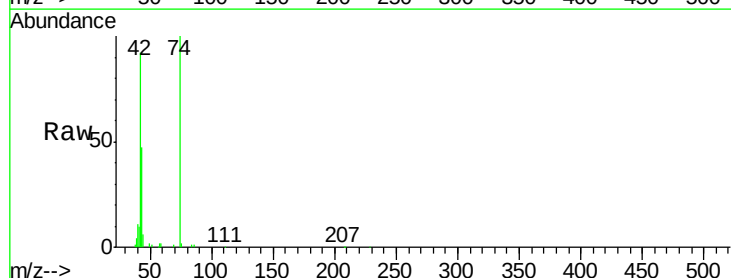
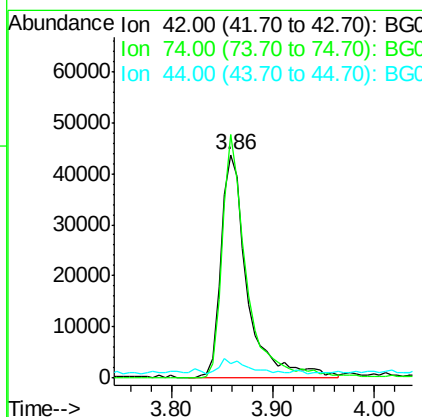
RT: 3.86 min Scan# 131

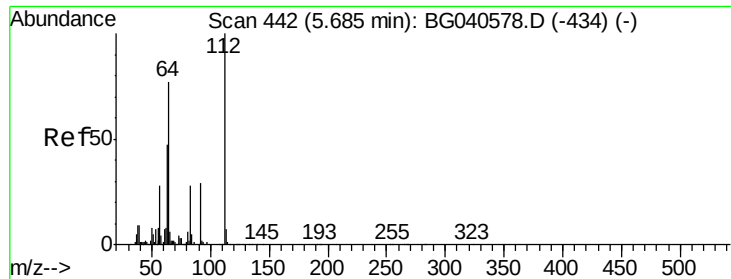
Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt Ion:	42	Resp:	78906
Ion	Ratio	Lower	Upper
42	100		
74	108.9	74.6	111.8
44	6.4	7.4	11.0#





#5

2-Fluorophenol

Concen: 146.887 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

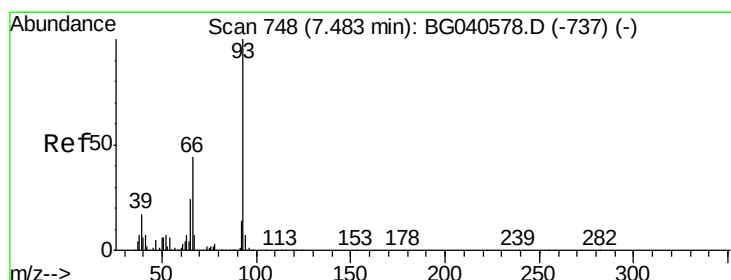
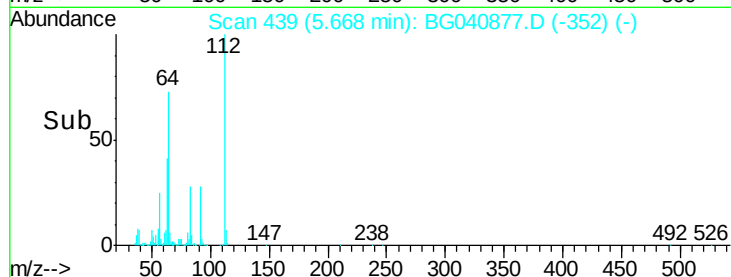
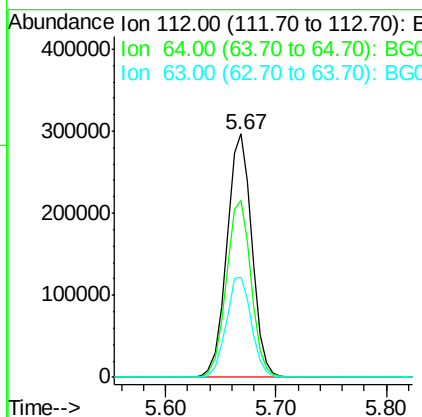
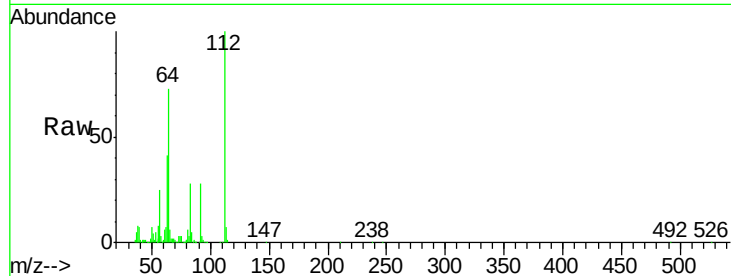
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Tgt Ion:	112	Resp:	470419
Ion Ratio	Lower	Upper	
112	100		
64	72.7	61.4	92.0
63	41.0	37.8	56.6

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#6

Aniline

Concen: 28.760 ng

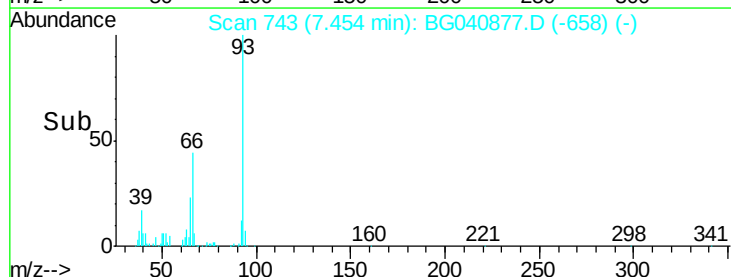
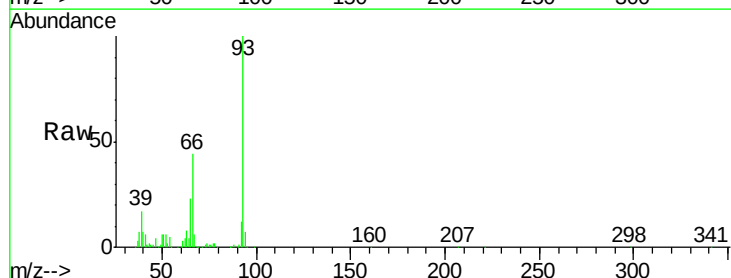
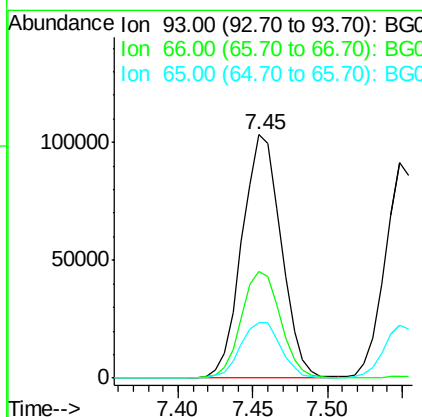
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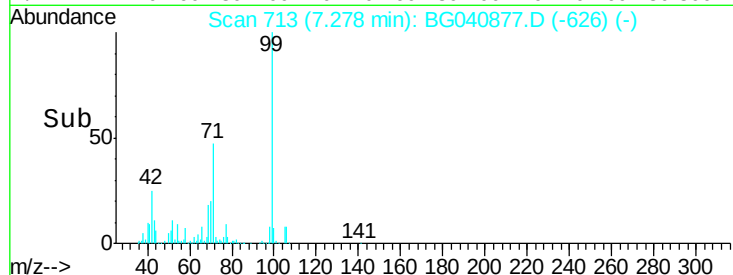
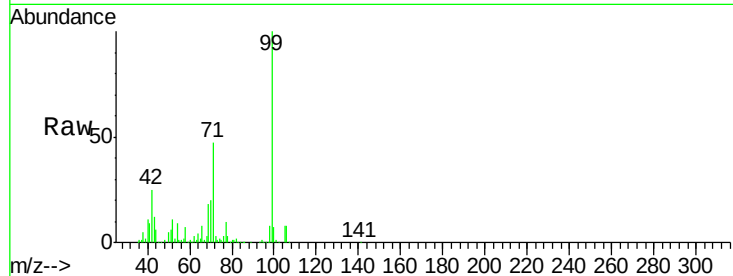
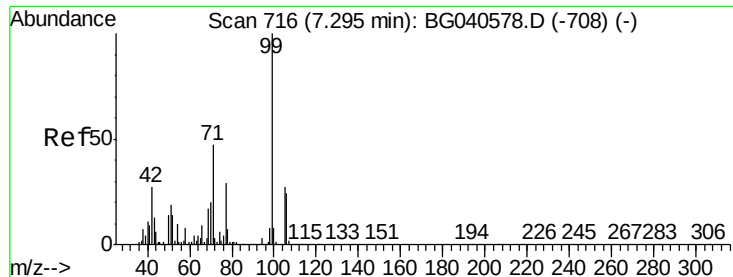
Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt Ion:	93	Resp:	187973
Ion Ratio	Lower	Upper	
93	100		
66	43.9	35.5	53.3
65	22.9	19.2	28.8





#7

Phenol-d6

Concen: 136.317 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt Ion:	99	Resp:	672189
Ion	Ratio	Lower	Upper
99	100		
42	25.0	21.8	32.8
71	47.2	38.6	57.8

Instrument :

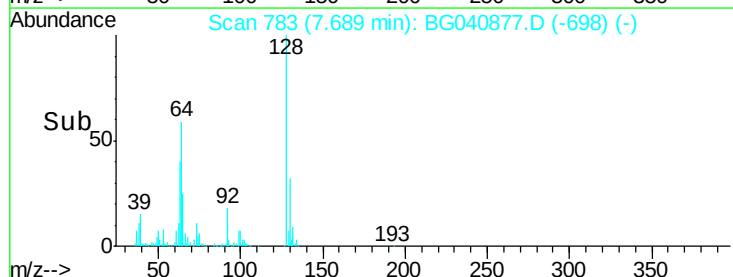
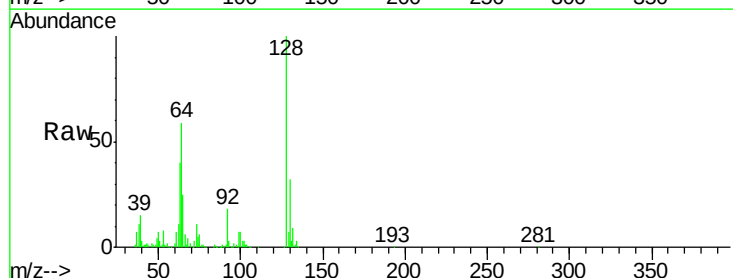
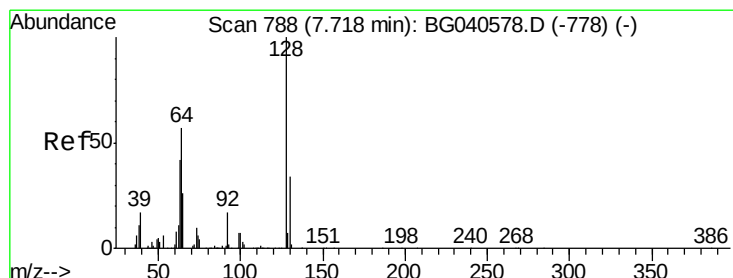
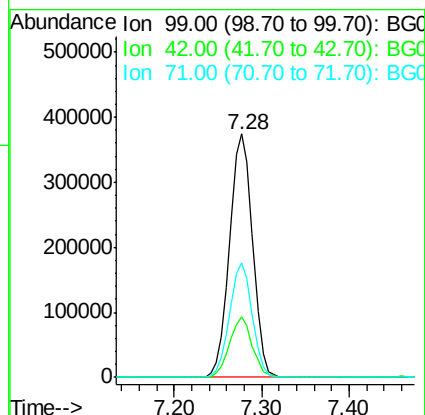
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#8

2-Chlorophenol

Concen: 39.471 ng

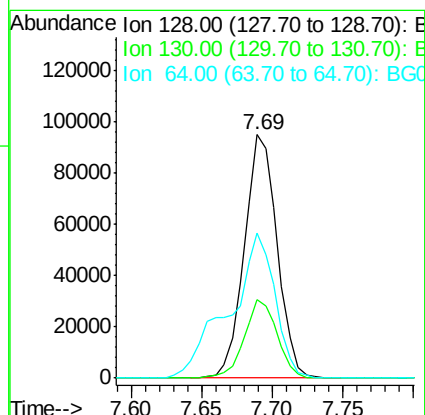
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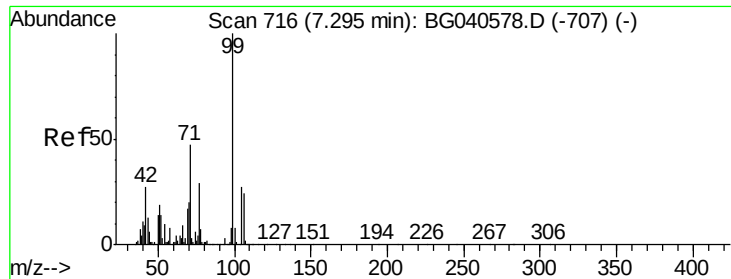
Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt Ion:	128	Resp:	154350
Ion	Ratio	Lower	Upper
128	100		
130	32.5	14.5	54.5
64	59.4	38.4	78.4





#9

Benzaldehyde

Concen: 23.569 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040877.D

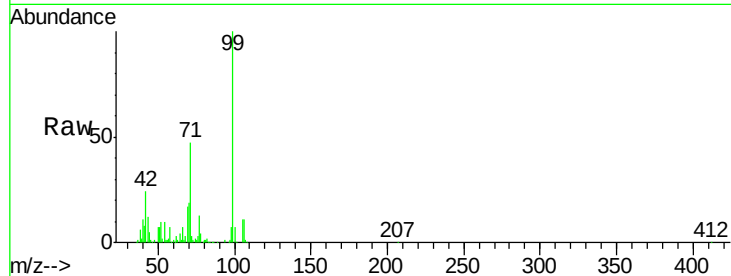
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Instrument :

BNA_G

ClientSampleId :

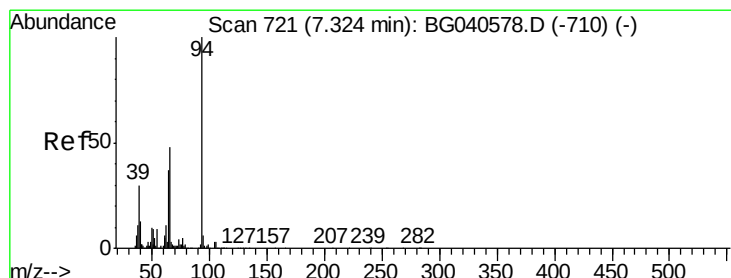
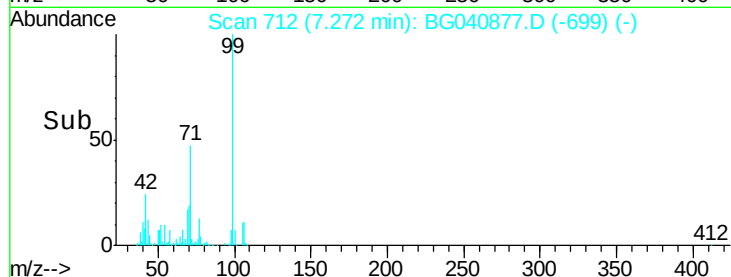
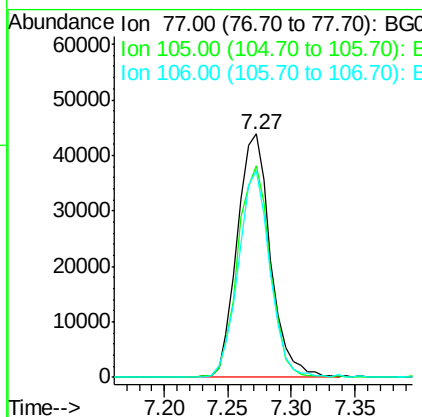
PB119645BS



Tgt Ion	Ratio	Lower	Upper
77	100		
105	86.7	72.0	112.0
106	84.9	61.2	101.2

Manual Integrations
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#10

Phenol

Concen: 39.650 ng

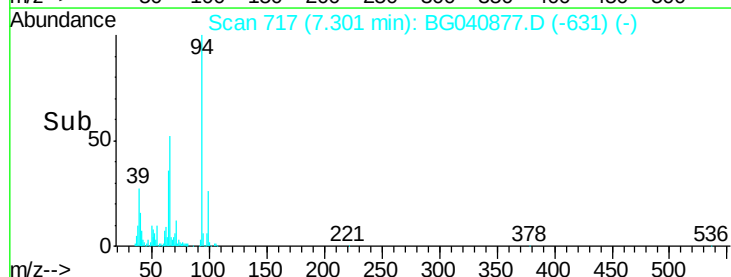
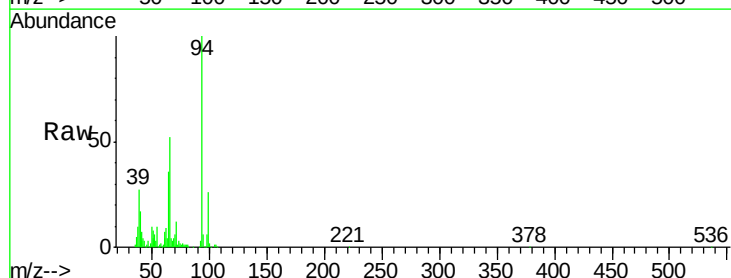
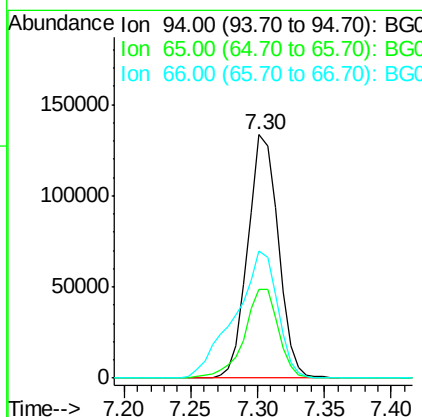
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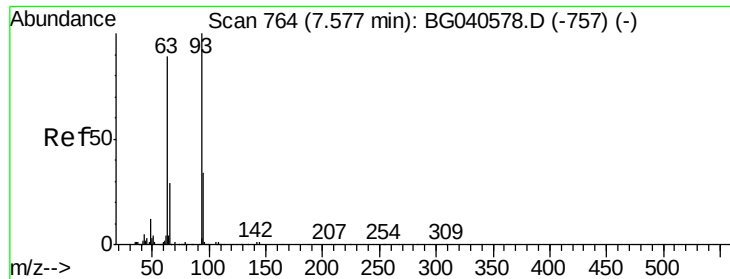
Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.3	17.0	57.0
66	52.4	28.6	68.6





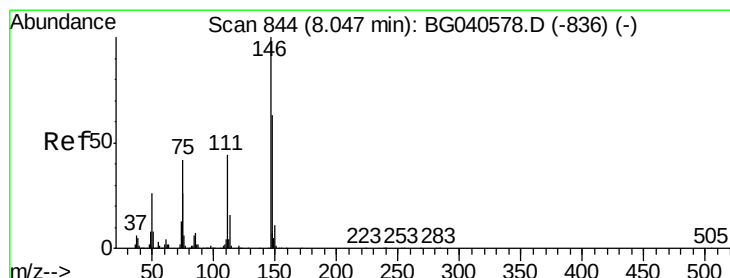
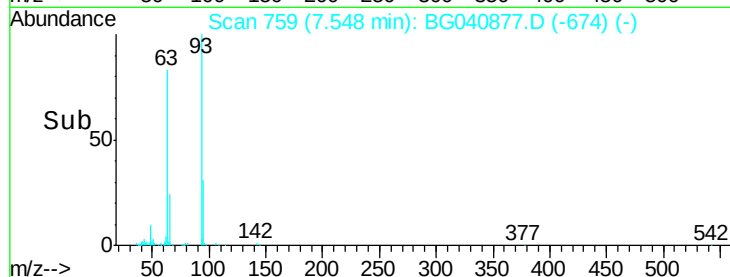
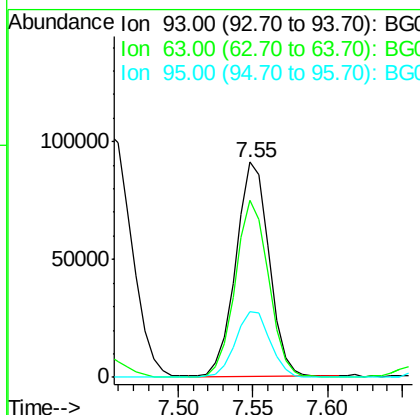
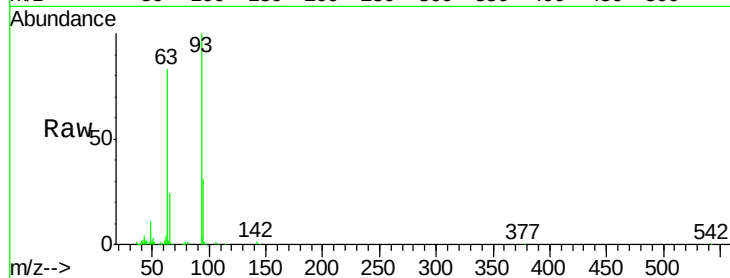
#11
bis(2-Chloroethyl)ether
Concen: 35.478 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.6	68.2	108.2
95	30.8	14.3	54.3

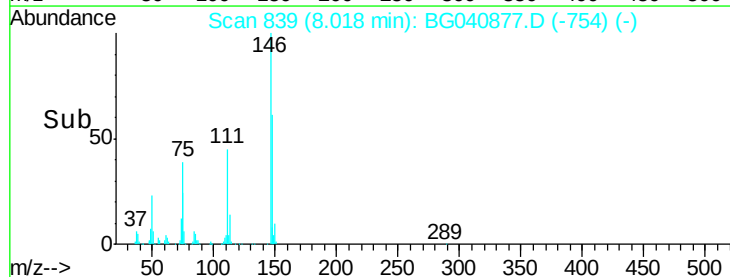
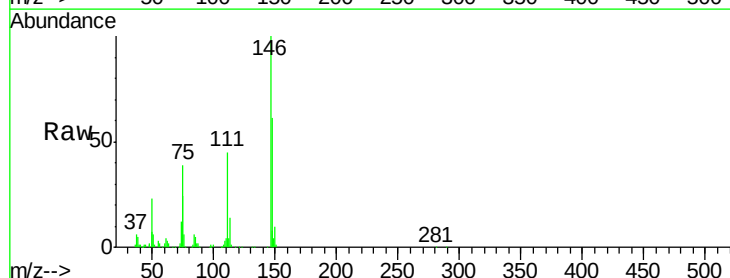
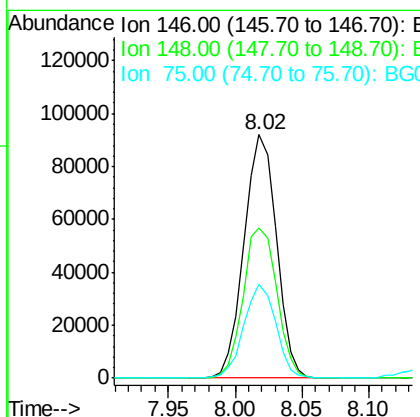
Manual Integrations
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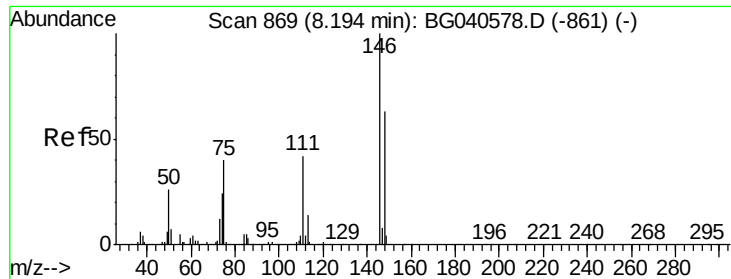
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.071 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.7	76.1
75	38.5	33.4	50.2





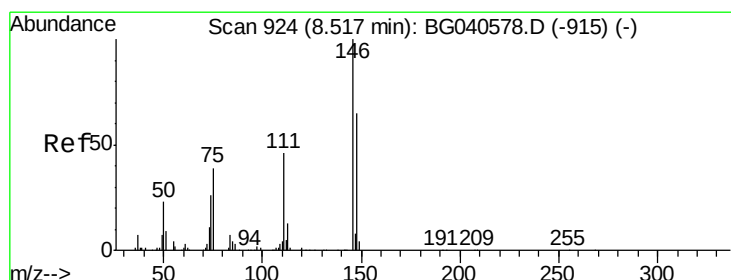
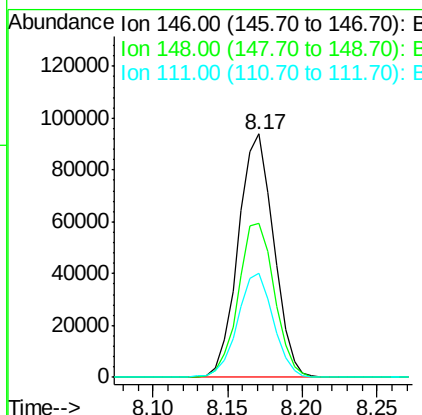
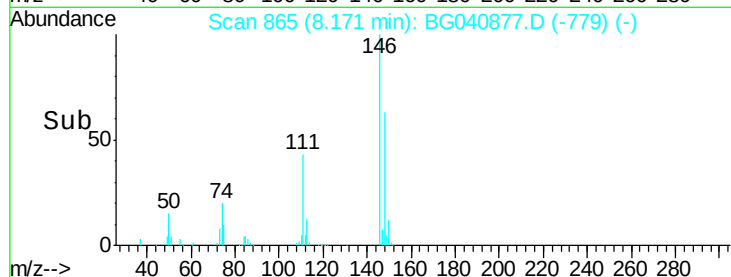
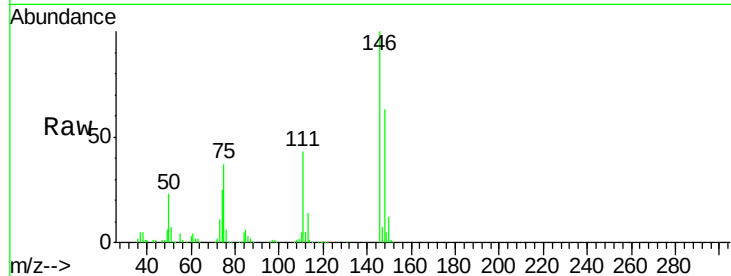
#13
 1,4-Dichlorobenzene
 Concen: 35.766 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	42.9	34.3	51.5

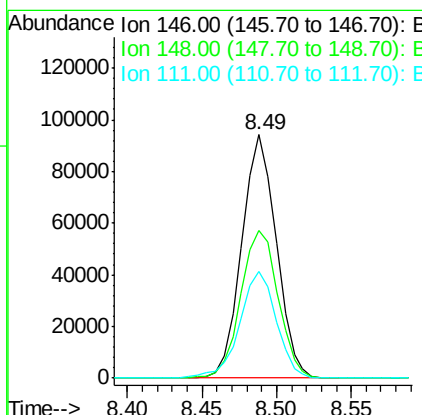
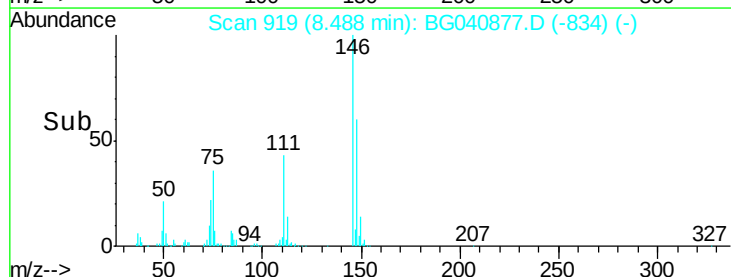
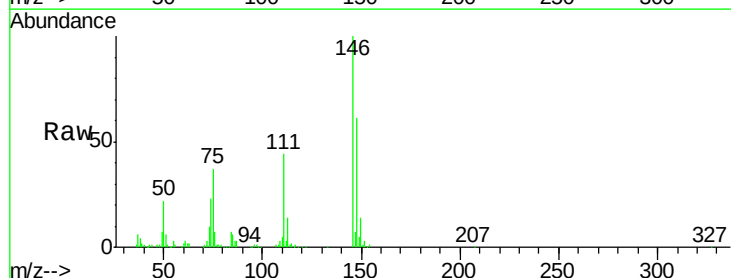
Manual Integrations
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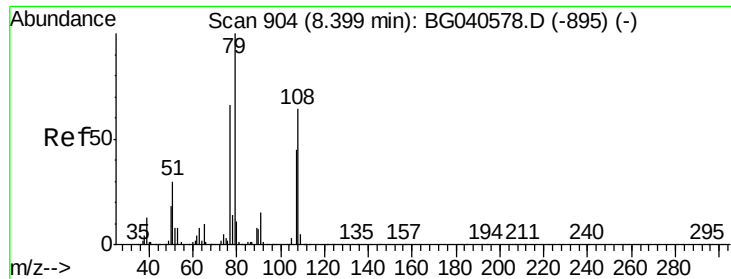
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.125 ng
 RT: 8.49 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.7	52.2	78.4
111	43.7	37.4	56.0





#15

Benzyl Alcohol

Concen: 33.842 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

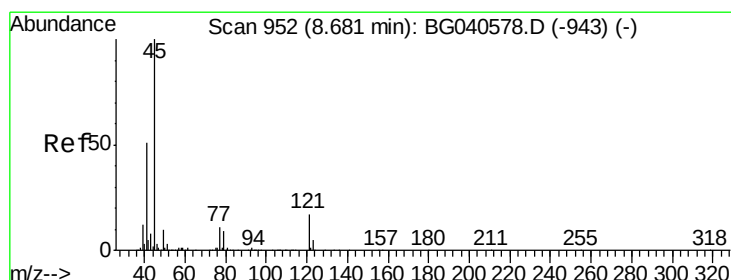
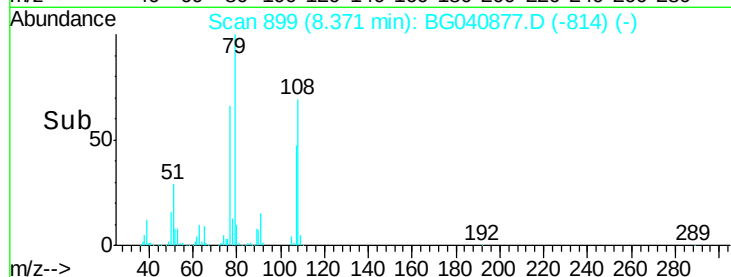
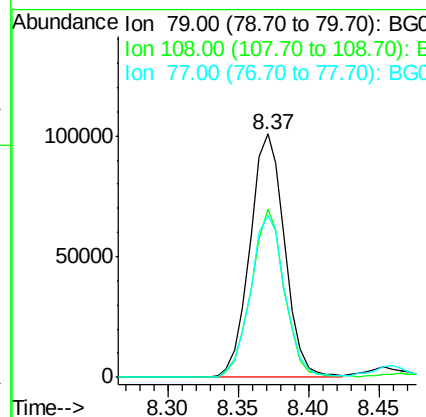
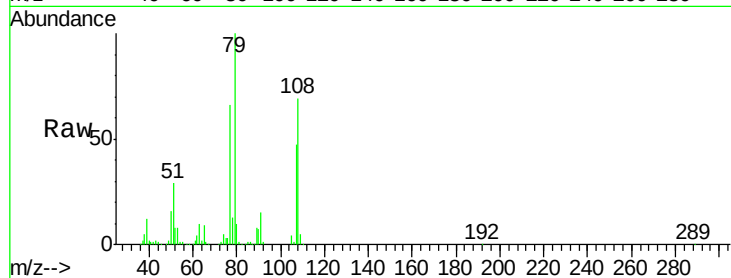
ClientSampleId :

PB119645BS

Tgt Ion:	79	Resp:	173637
Ion	Ratio	Lower	Upper
79	100		
108	68.8	51.4	77.0
77	66.3	52.6	79.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.606 ng

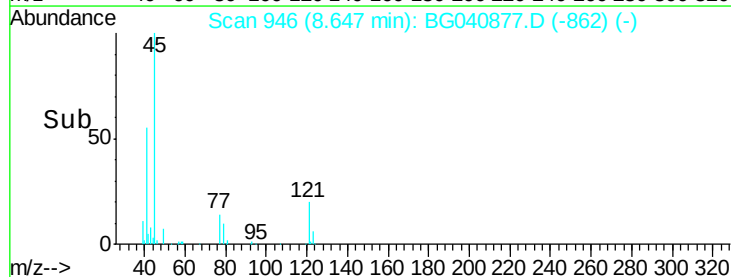
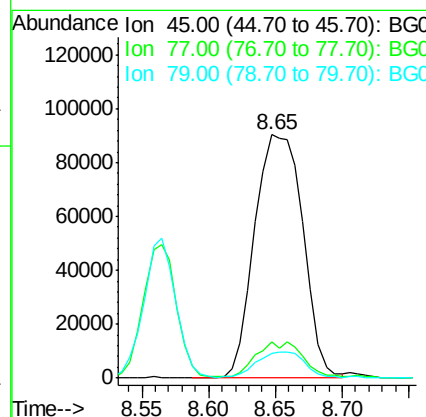
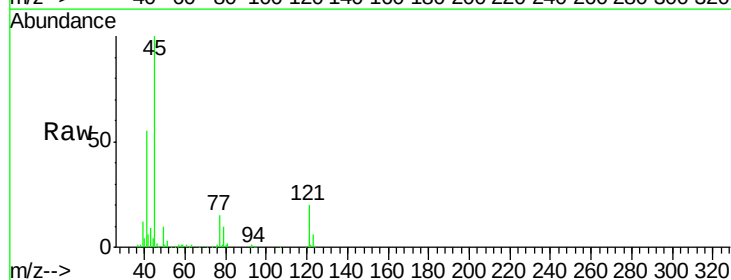
RT: 8.65 min Scan# 946

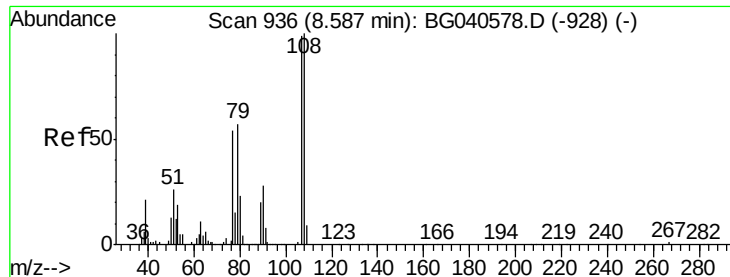
Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt Ion:	45	Resp:	226382
Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	31.5
79	10.2	0.0	29.4





#17

2-Methylphenol

Concen: 38.463 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040877.D

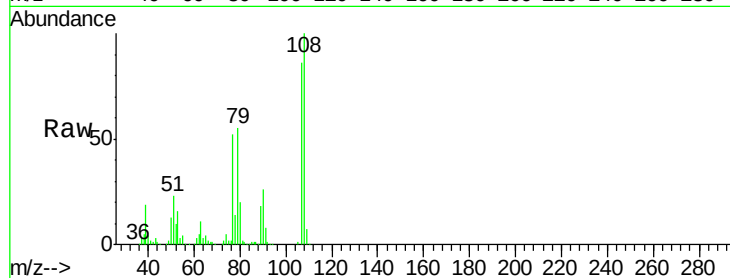
Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

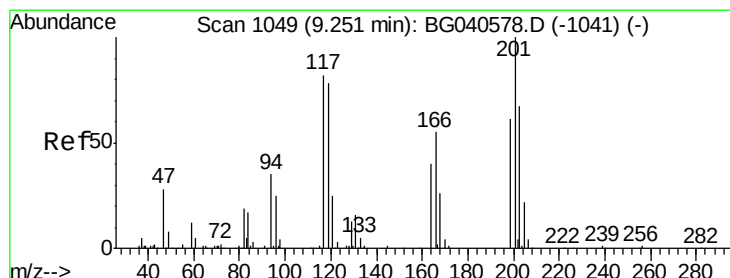
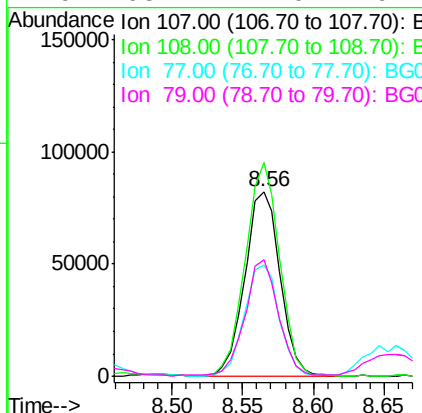
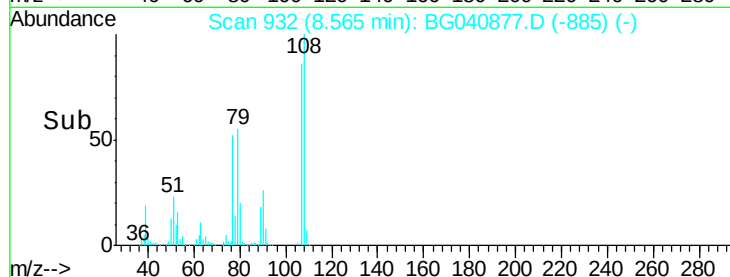
PB119645BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	81.2	121.8	
77	60.0	44.4	66.6	
79	63.2	47.0	70.4	

Manual Integrations
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#18

Hexachloroethane

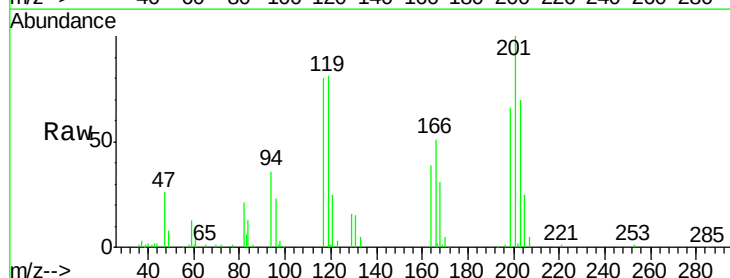
Concen: 33.918 ng

RT: 9.22 min Scan# 1043

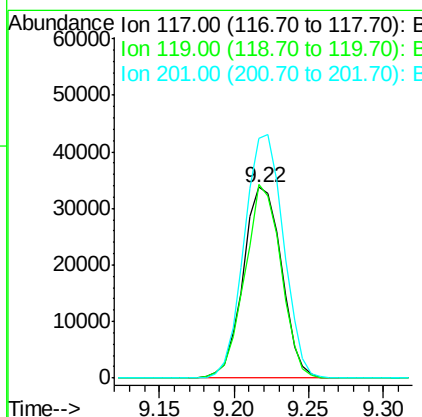
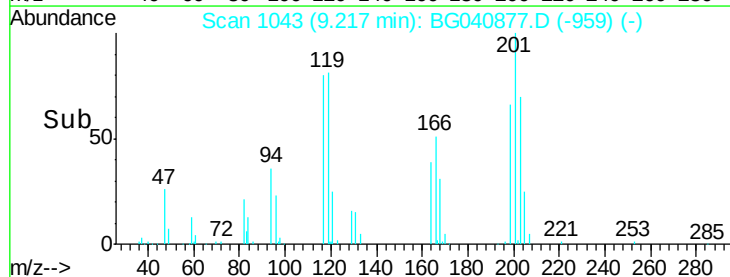
Delta R.T. -0.03 min

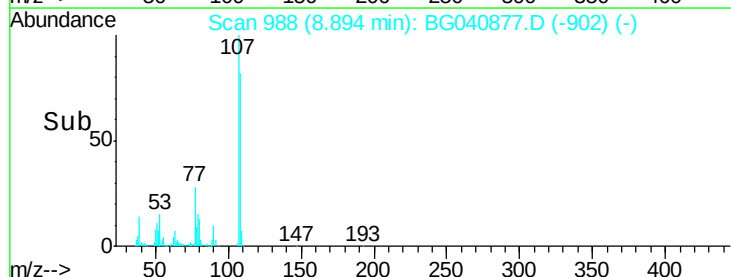
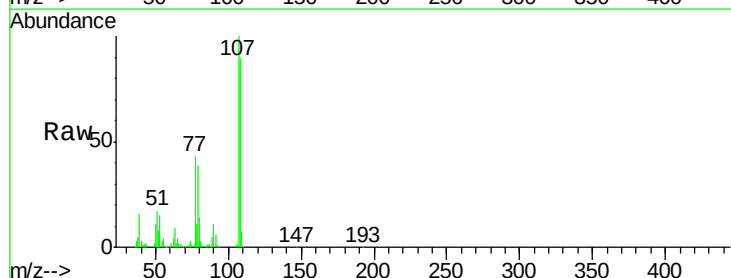
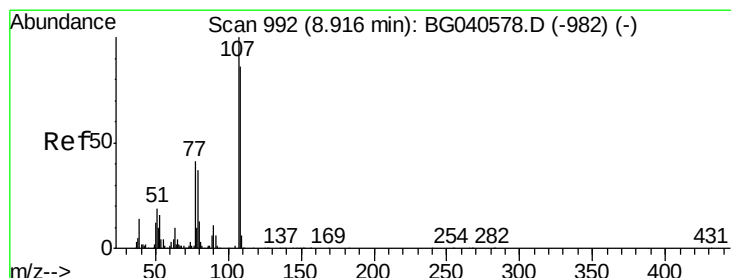
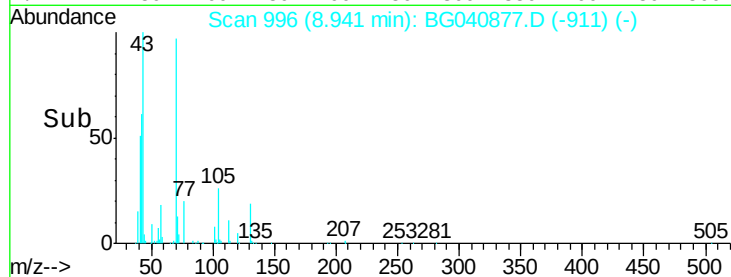
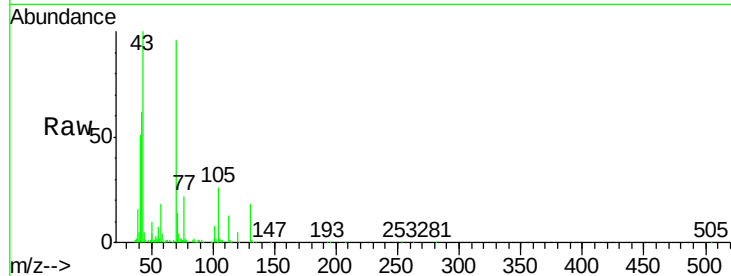
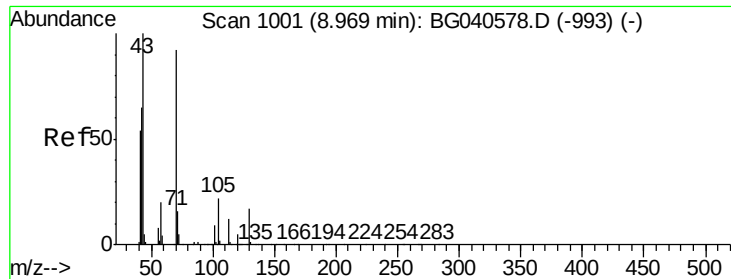
Lab File: BG040877.D

Acq: 11 May 2019 17:19



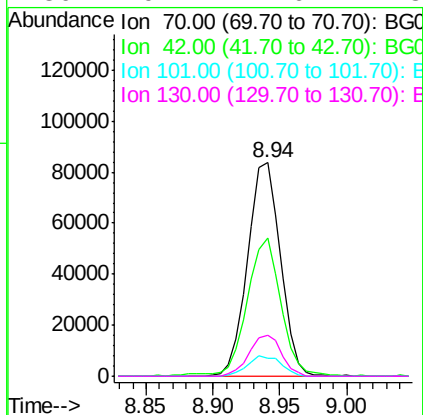
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.2	76.6	114.8	
201	125.5	101.0	151.6	





#19
n-Nitroso-di-n-propylamine
Concen: 31.973 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	141923		
42	64.9	57.1	85.7	
101	8.5	7.8	11.8	
130	19.2	14.6	21.8	



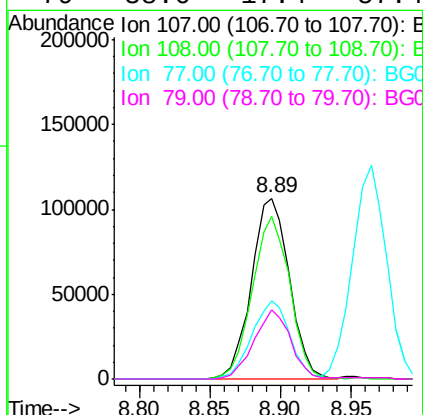
Instrument :
BNA_G
ClientSampleId :
PB119645BS

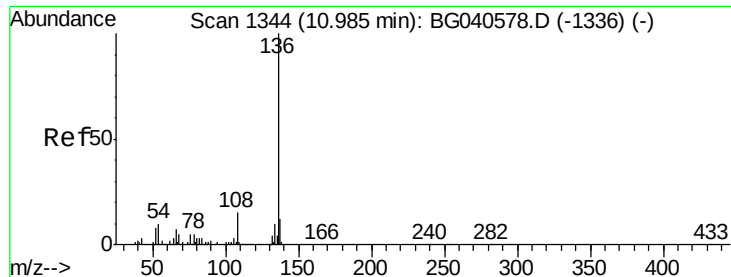
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#20
3+4-Methylphenols
Concen: 38.545 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	201426		
108	89.7	66.1	106.1	
77	43.1	21.6	61.6	
79	38.6	17.4	57.4	





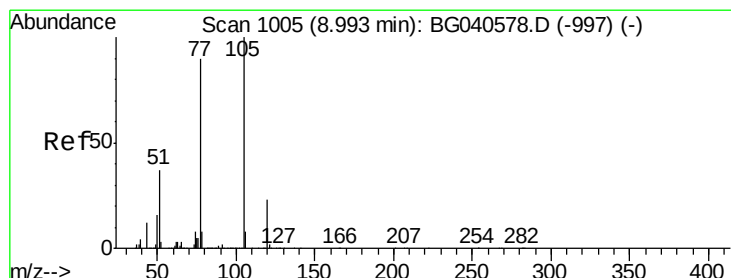
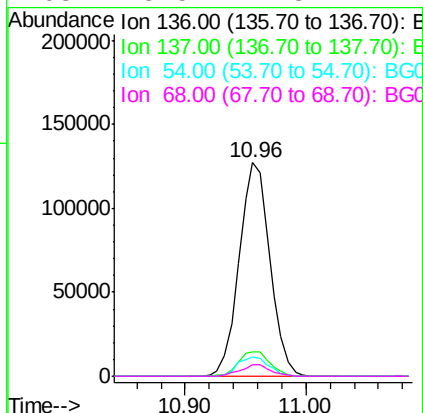
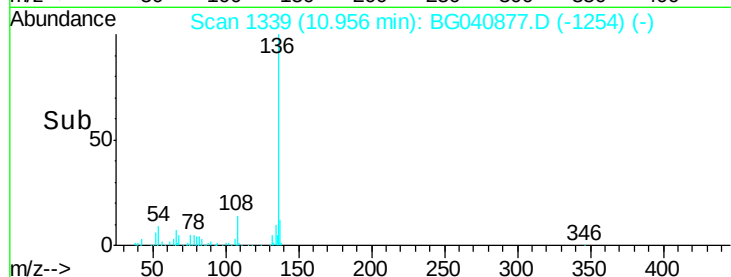
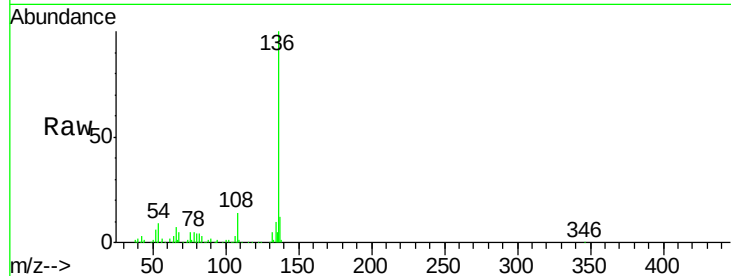
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	226085		
137	11.7	9.7	14.5	
54	9.2	8.6	12.8	
68	5.5	4.8	7.2	

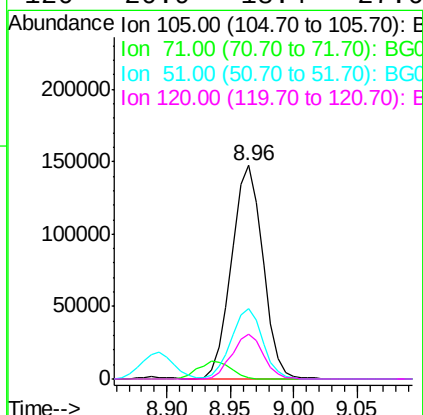
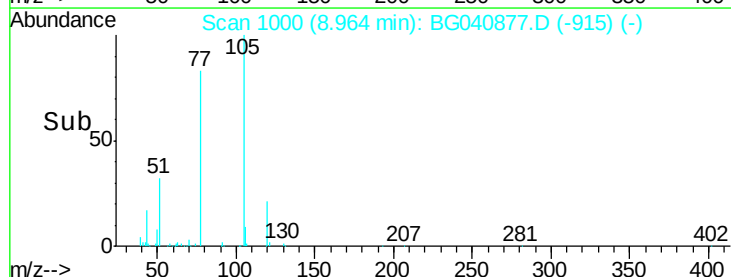
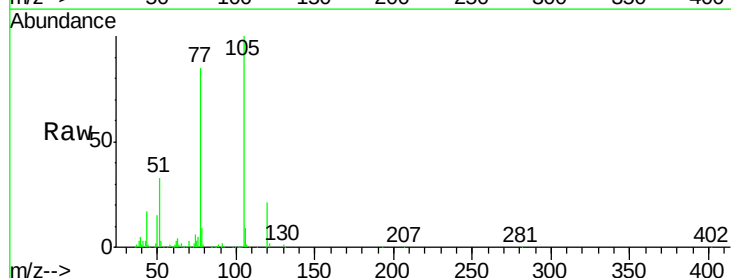
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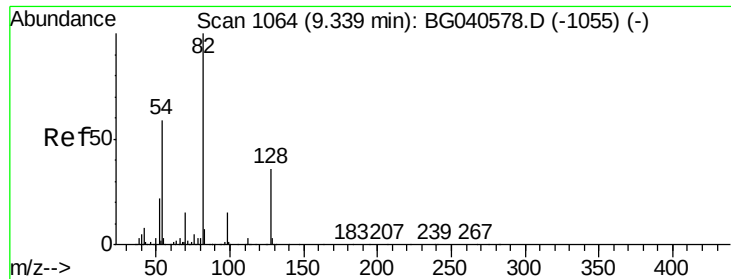
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#22
Acetophenone
Concen: 40.025 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	251632		
71	0.5	1.8	2.8#	
51	33.2	29.8	44.8	
120	20.9	18.4	27.6	





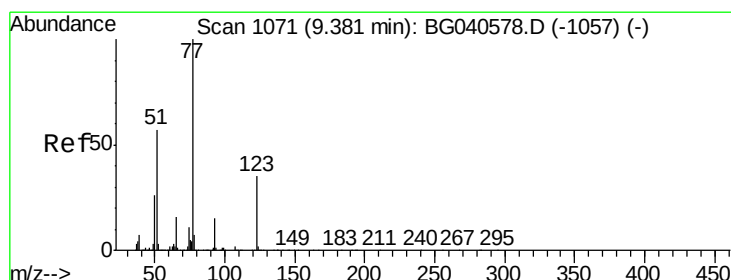
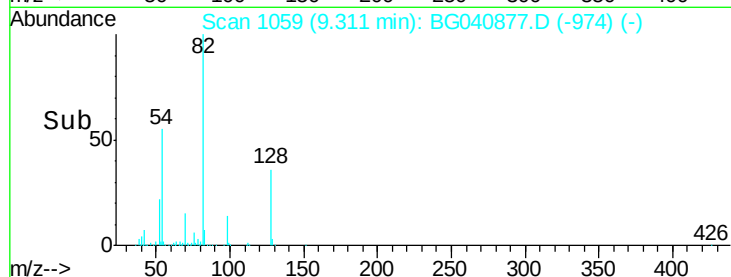
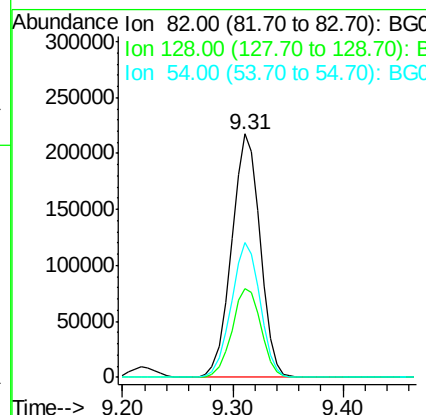
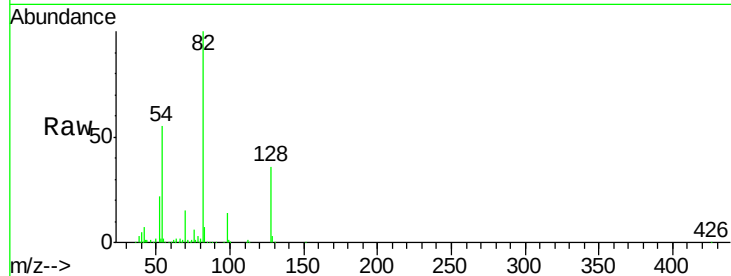
#23
 Nitrobenzene-d5
 Concen: 80.393 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampled :
 PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	393357		
128	36.2	28.9	43.3	
54	55.4	47.2	70.8	

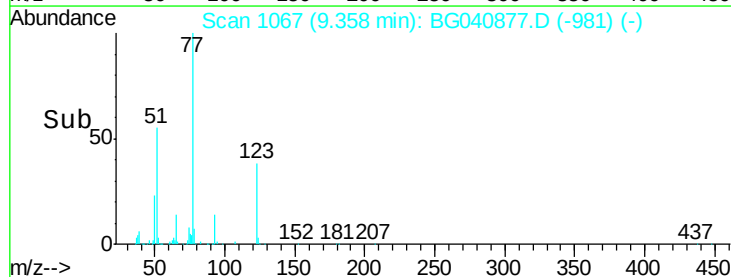
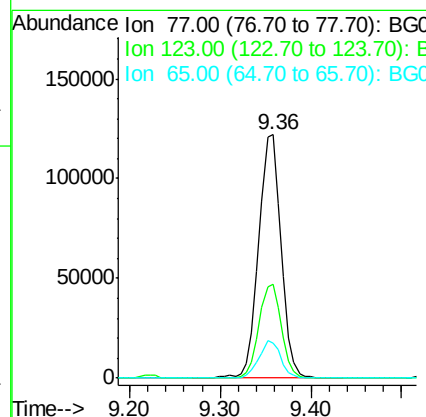
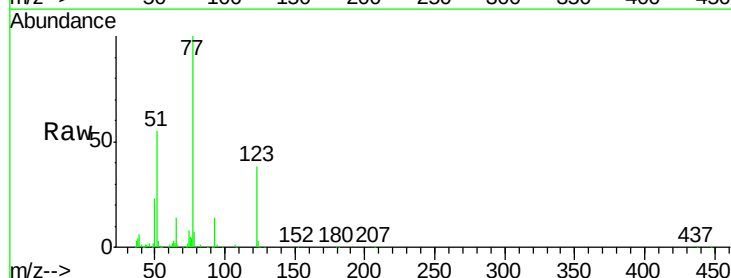
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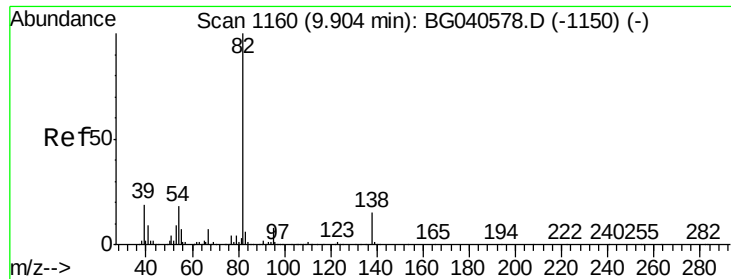
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#24
 Nitrobenzene
 Concen: 40.107 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	209378		
123	38.4	27.8	41.6	
65	14.2	12.4	18.6	





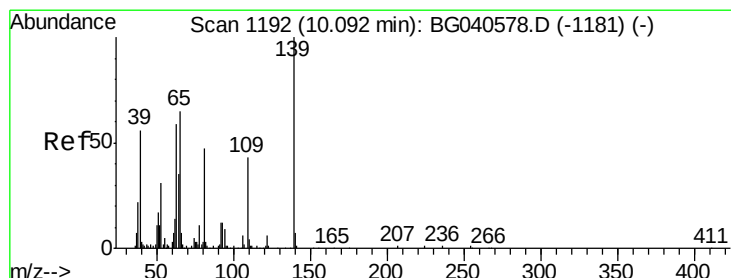
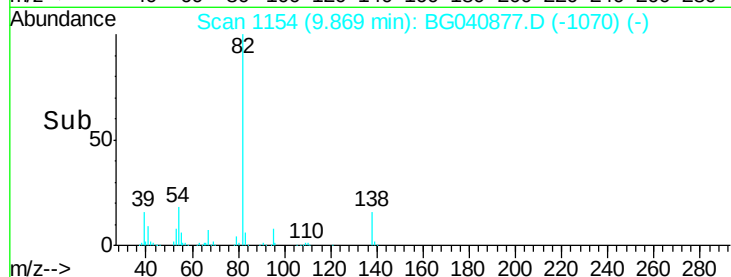
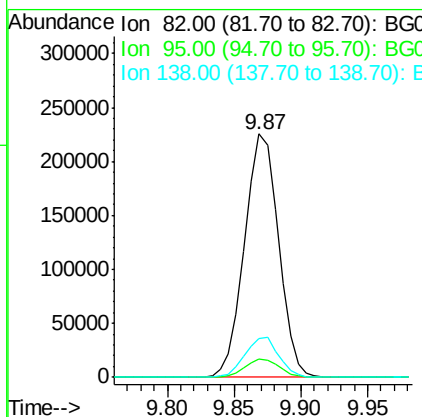
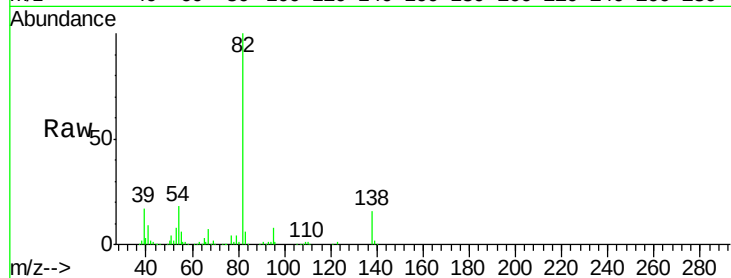
#25
Isophorone
Concen: 36.411 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	7.8	6.9	10.3
138	15.8	12.3	18.5

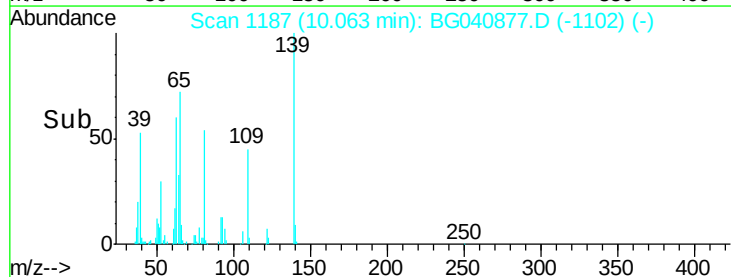
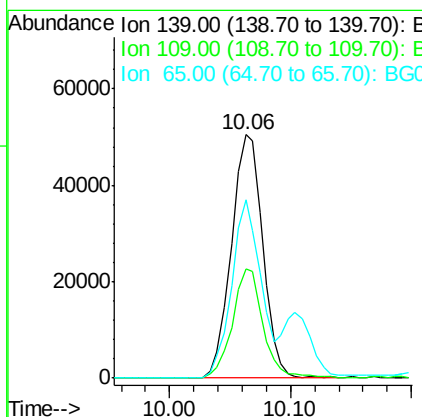
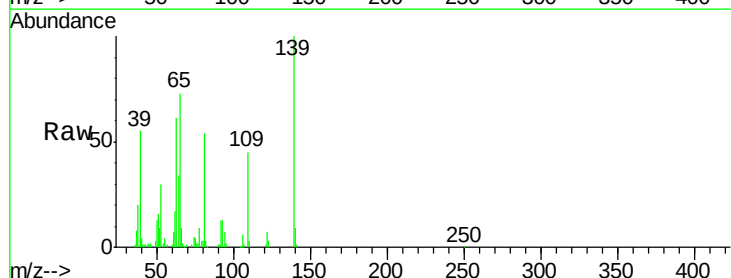
Manual Integrations
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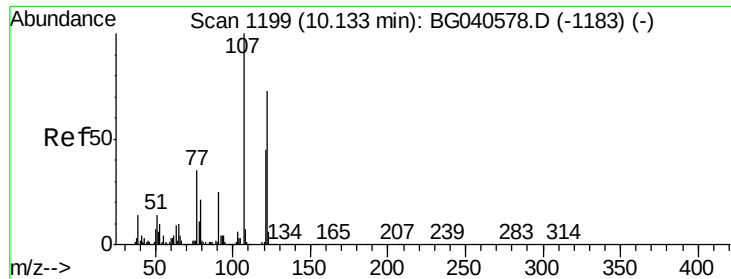
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#26
2-Nitrophenol
Concen: 48.664 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	44.7	35.6	53.4
65	73.2	52.3	78.5





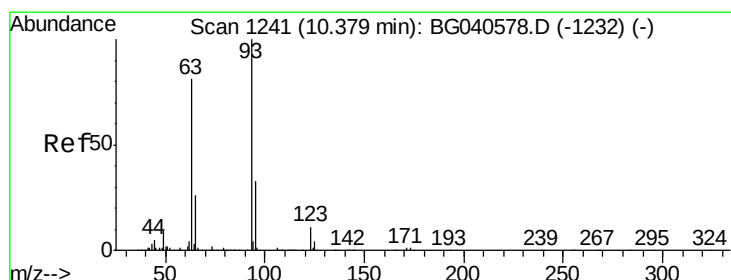
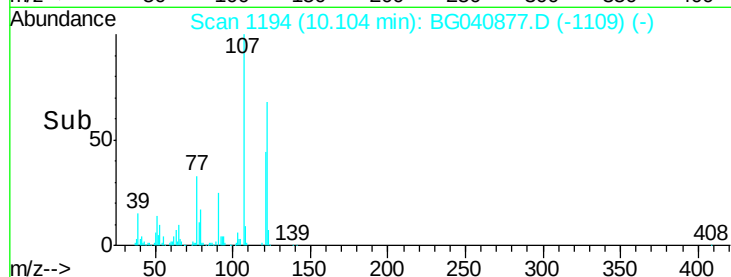
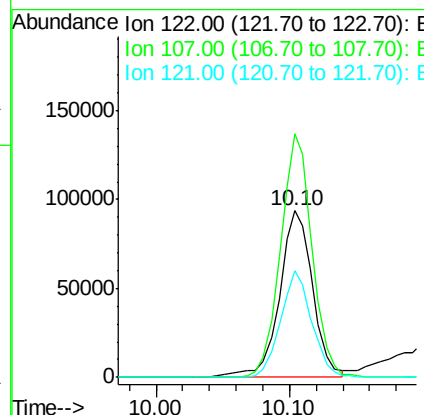
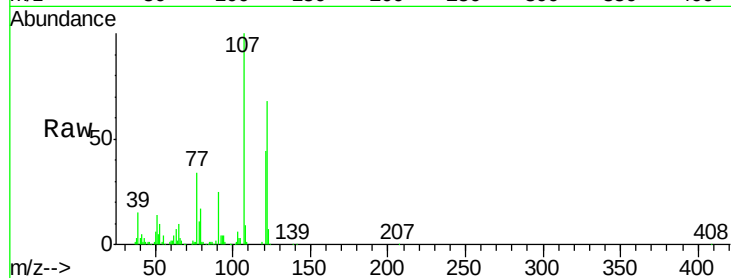
#27
2,4-Dimethylphenol
Concen: 46.233 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	162330		
107	146.3	110.1	165.1	
121	64.3	49.4	74.0	

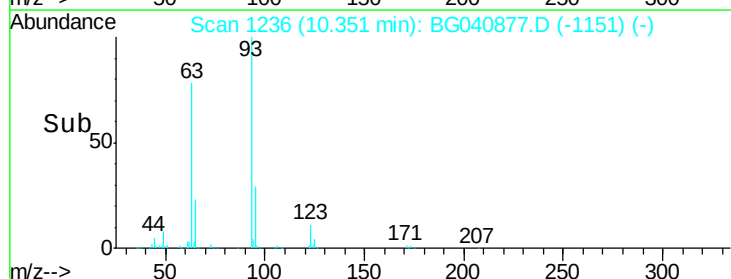
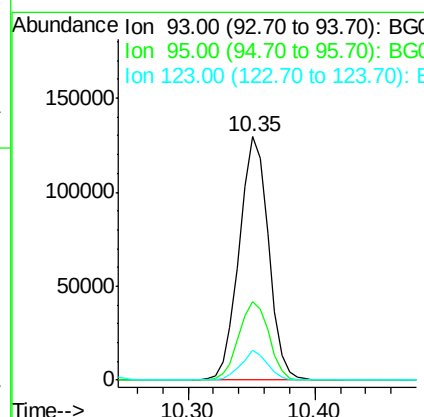
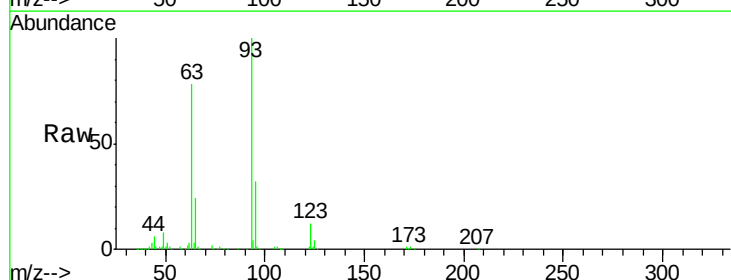
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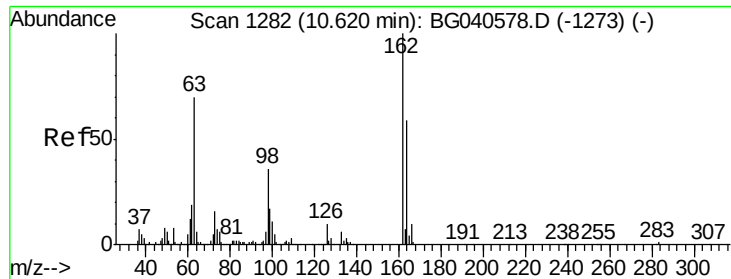
Sohil
5/14/2019 8:01:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.800 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	206700		
95	32.4	26.6	40.0	
123	12.0	9.0	13.4	





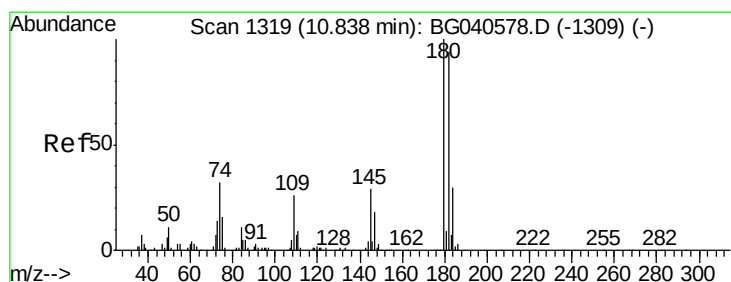
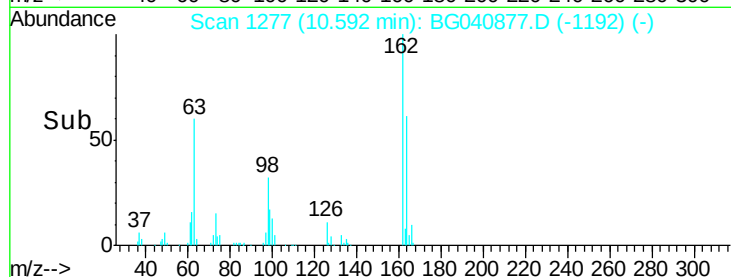
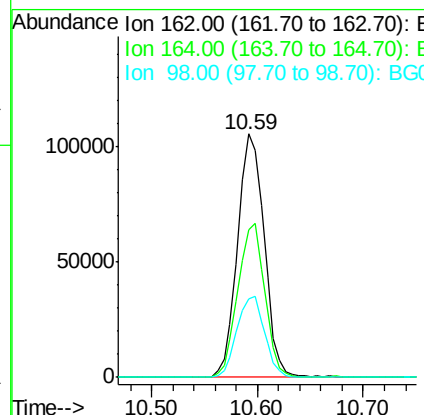
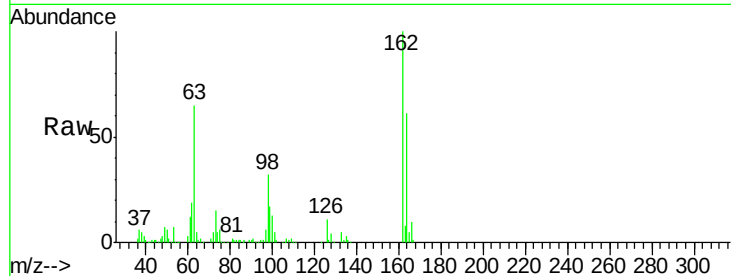
#29
 2,4-Dichlorophenol
 Concen: 46.105 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampled :
 PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	184036		
164	60.9	38.9	78.9	
98	32.2	16.8	56.8	

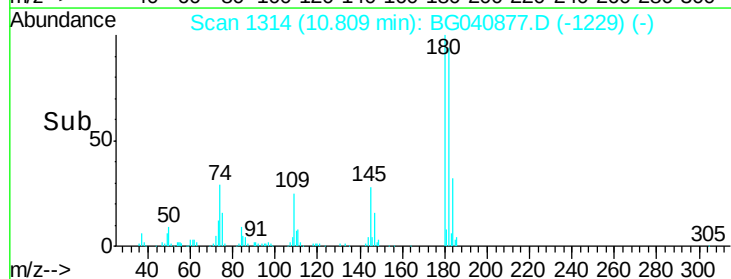
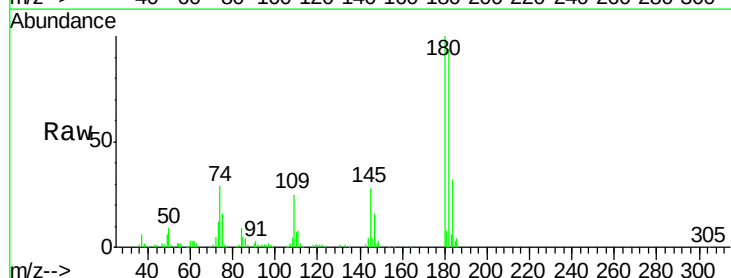
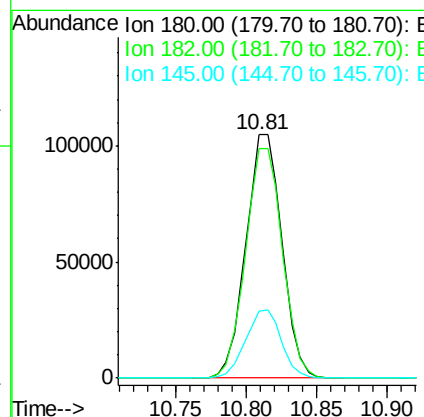
Manual Integrations
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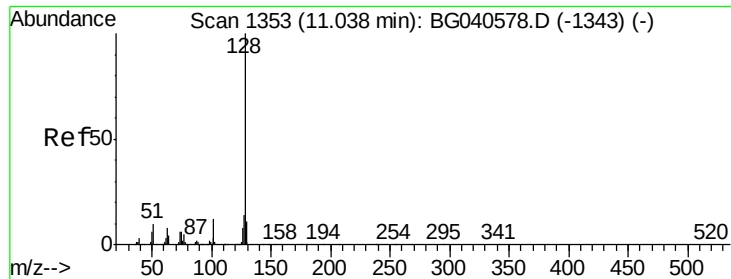
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.514 ng
 RT: 10.81 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	188192		
182	94.3	75.2	112.8	
145	27.5	23.6	35.4	





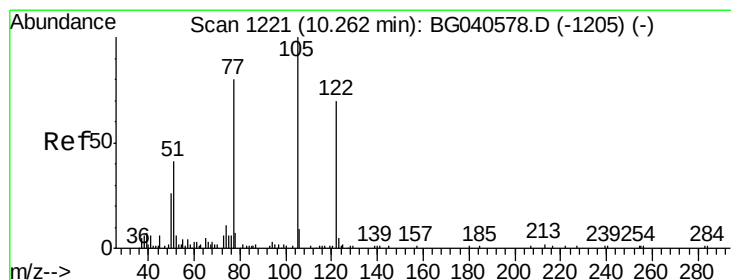
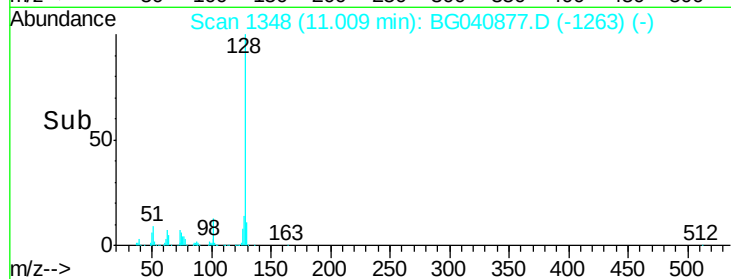
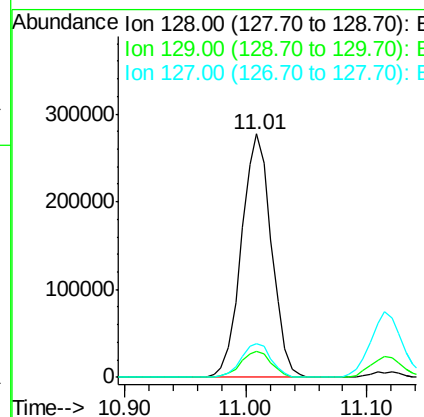
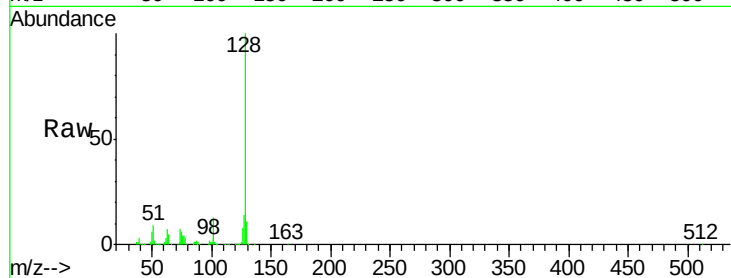
#31
Naphthalene
Concen: 39.884 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	479053		
129	11.0		9.0	13.6
127	13.8		11.3	16.9

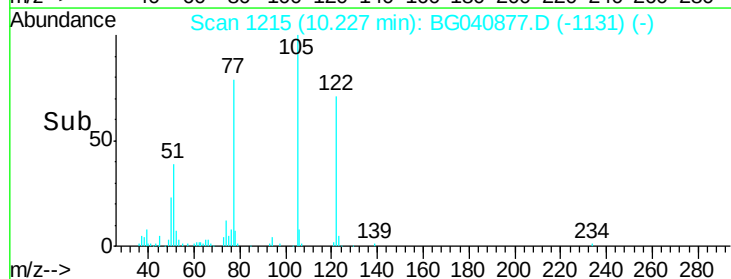
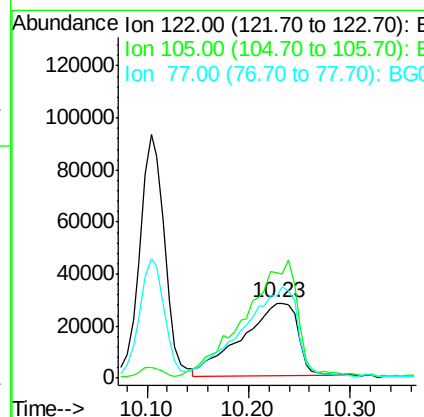
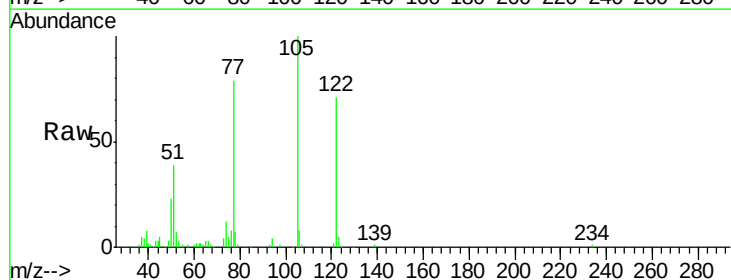
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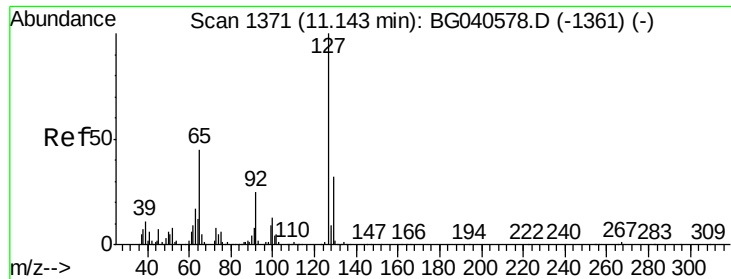
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#32
Benzoic acid
Concen: 44.535 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	107047		
105	140.2		110.9	150.9
77	110.1		87.6	127.6





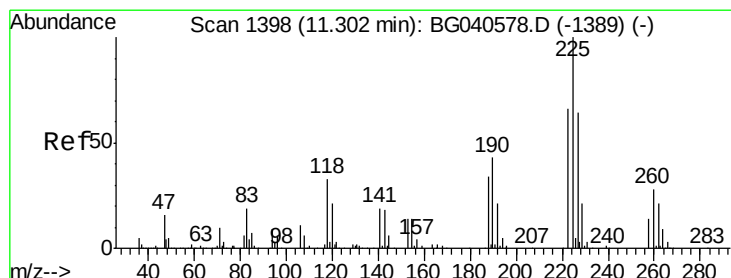
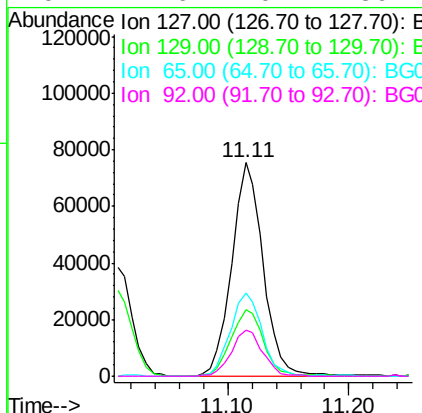
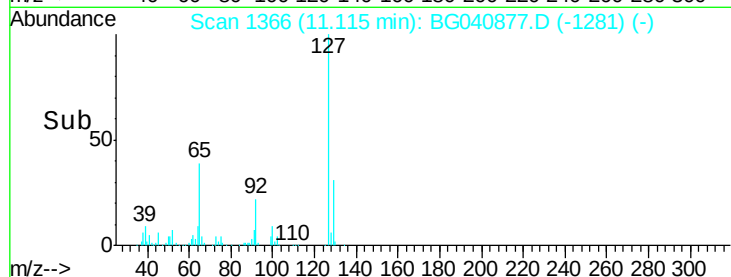
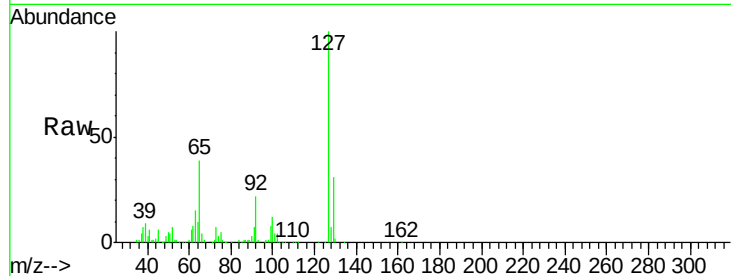
#33
4-Chloroaniline
Concen: 25.608 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	136375		
129	31.3	25.7	38.5	
65	39.2	36.1	54.1	
92	21.6	20.1	30.1	

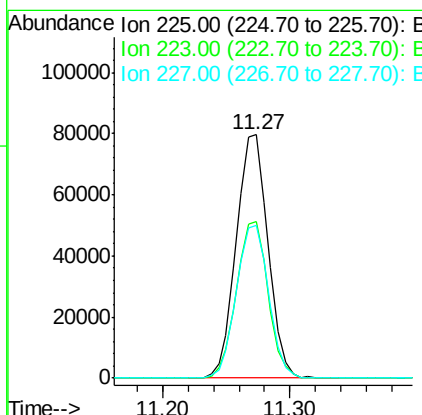
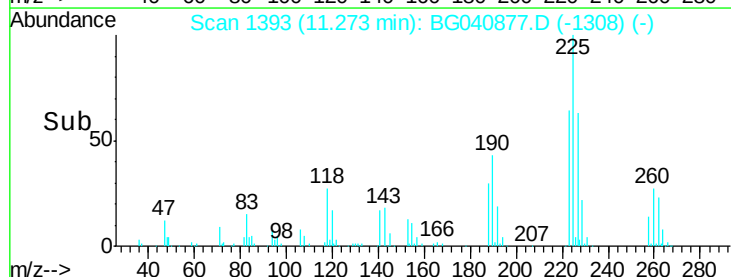
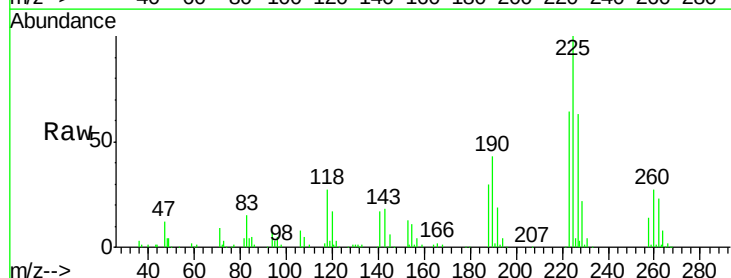
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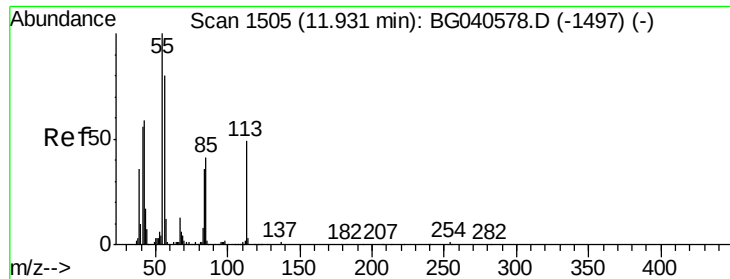
Sohil
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#34
Hexachlorobutadiene
Concen: 42.249 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138069		
223	64.4	50.4	75.6	
227	65.8	51.0	76.6	





#35

Caprolactam

Concen: 39.357 ng m

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

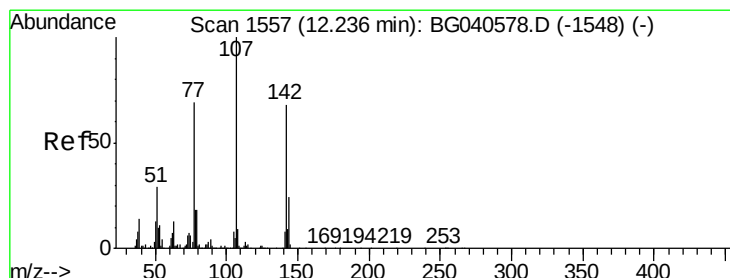
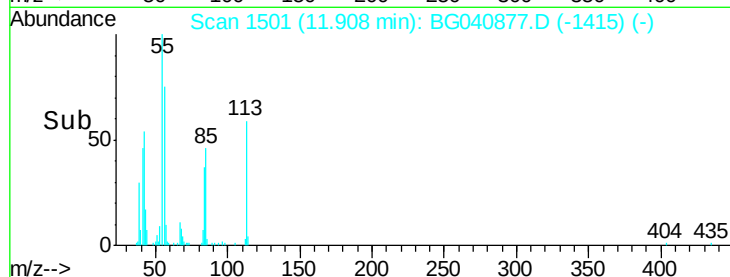
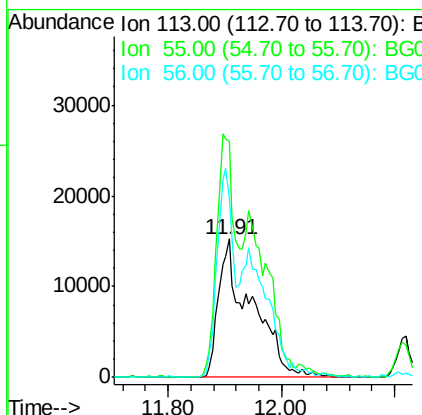
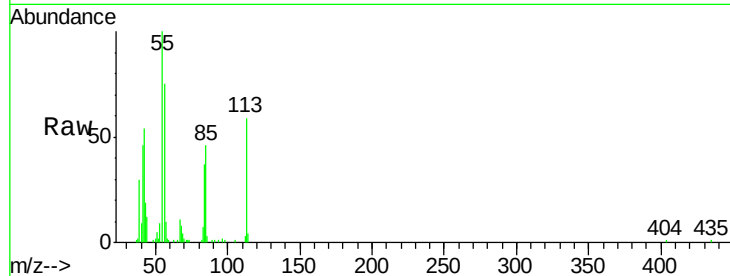
ClientSampleId :

PB119645BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	170.3	198.6	238.6#
56	128.5	148.4	188.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 42.242 ng

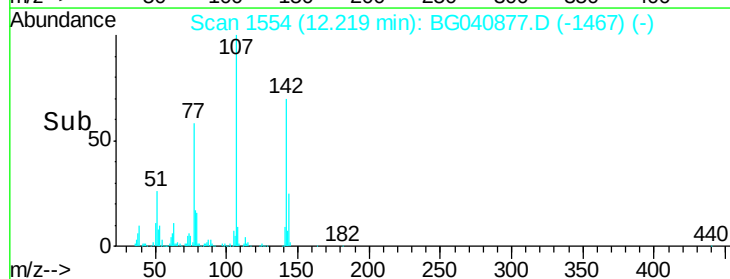
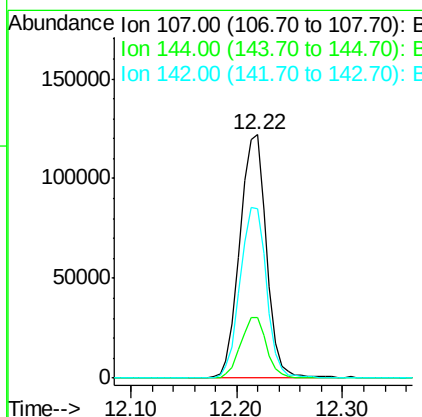
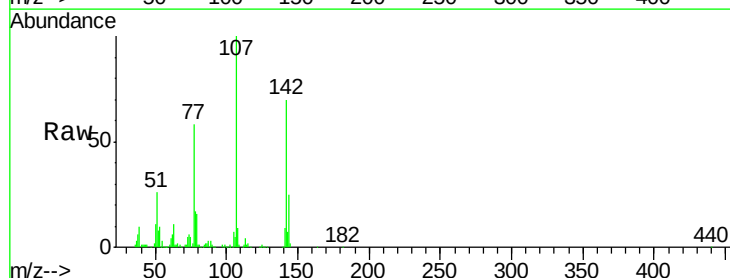
RT: 12.22 min Scan# 1554

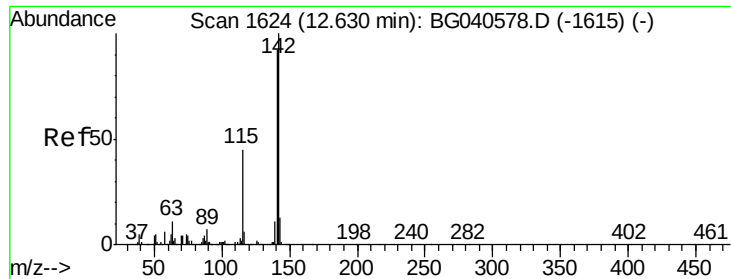
Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.3	28.9
142	69.6	54.6	81.8





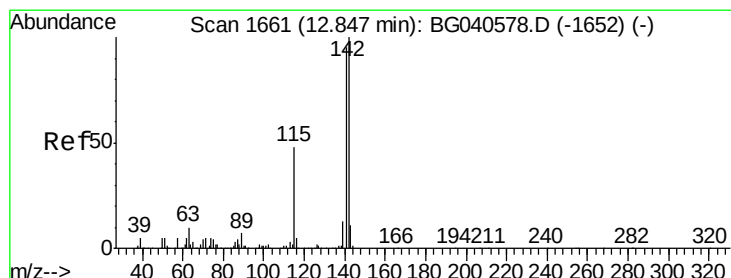
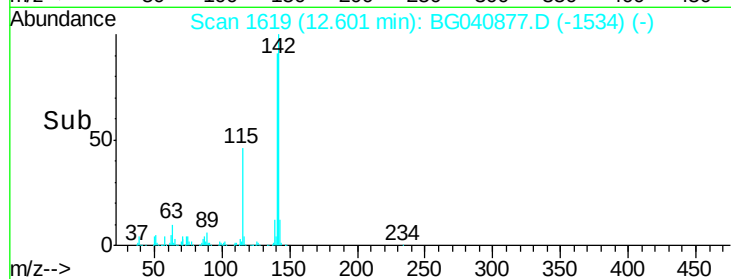
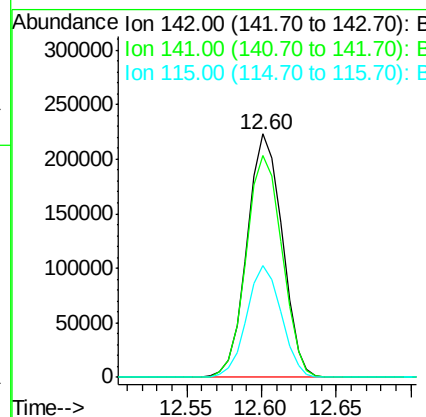
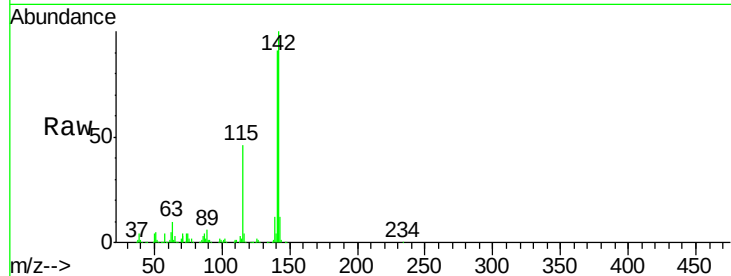
#37
 2-Methylnaphthalene
 Concen: 40.474 ng
 RT: 12.60 min Scan# 1619
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	363473		
141	91.3	73.4	110.2	
115	46.0	36.2	54.4	

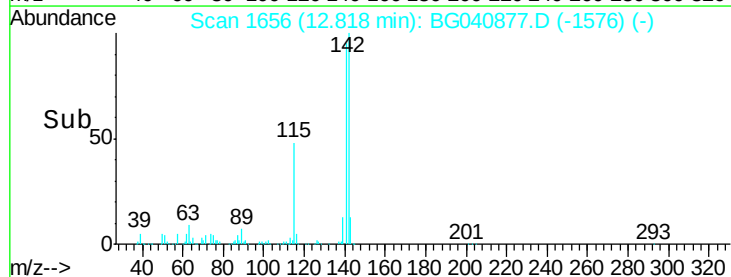
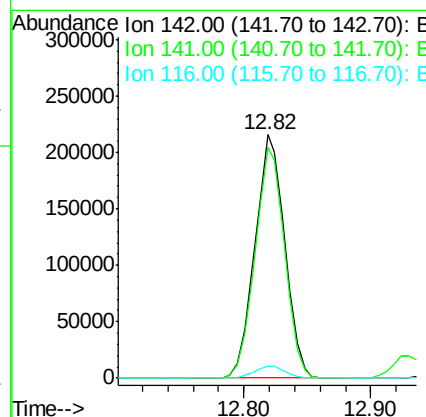
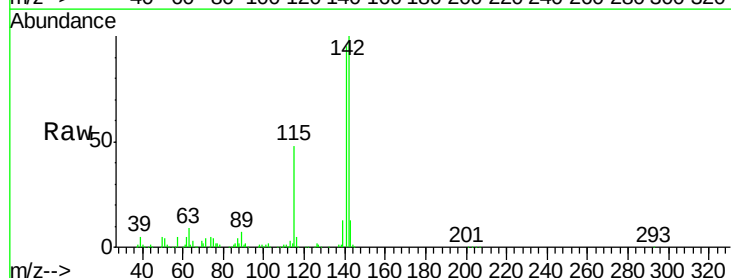
Manual Integrations
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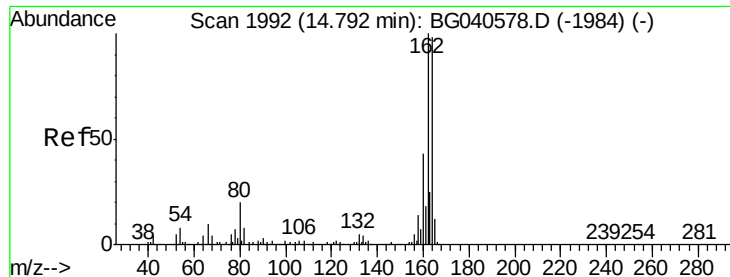
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#38
 1-Methylnaphthalene
 Concen: 40.152 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	352455		
141	94.9	75.9	113.9	
116	4.8	4.2	6.4	





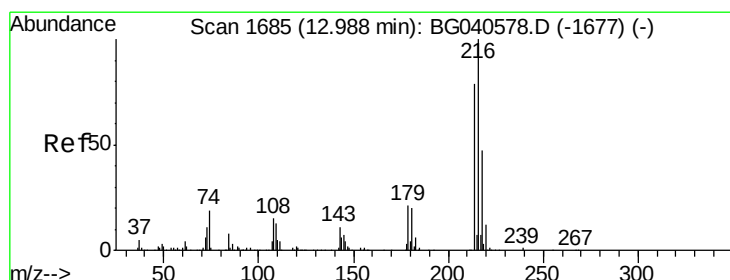
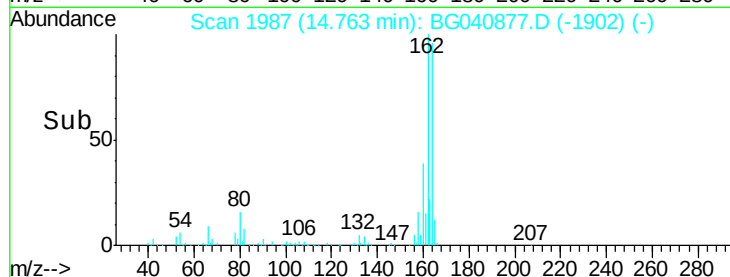
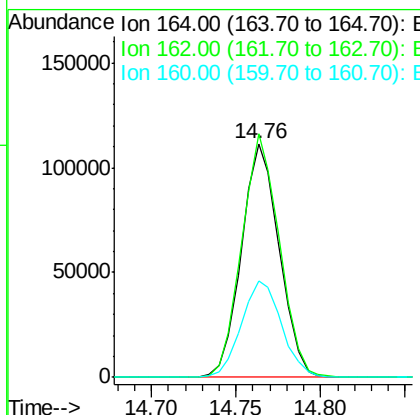
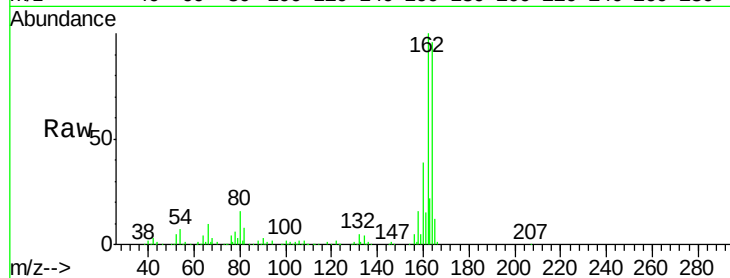
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172204		
162	104.1	81.9	122.9	
160	41.1	35.4	53.2	

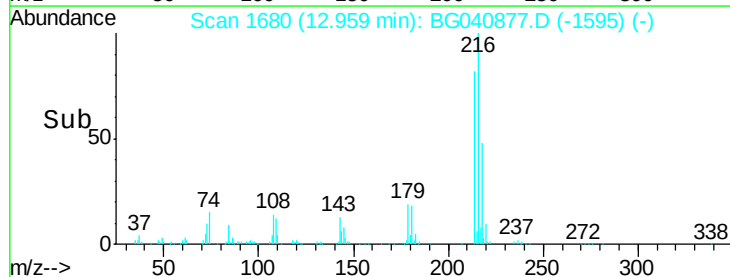
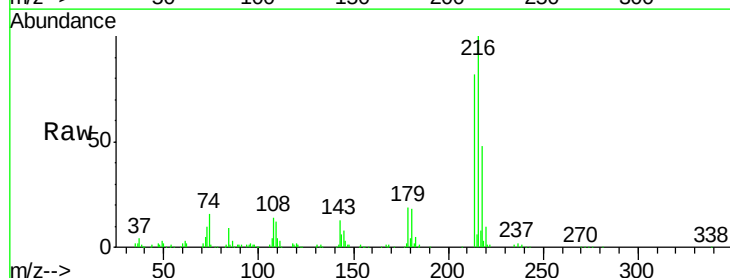
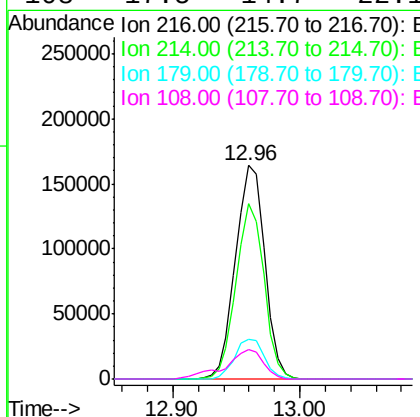
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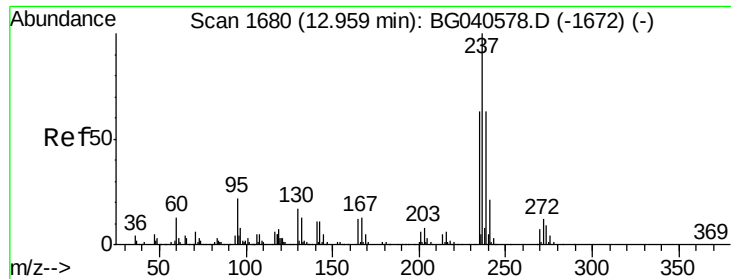
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.921 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	262509		
214	78.5	63.7	95.5	
179	18.9	16.6	24.8	
108	17.5	14.7	22.1	





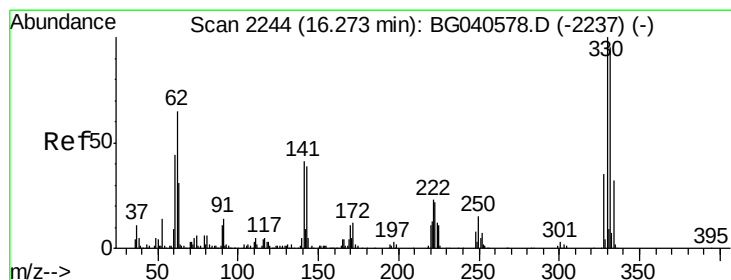
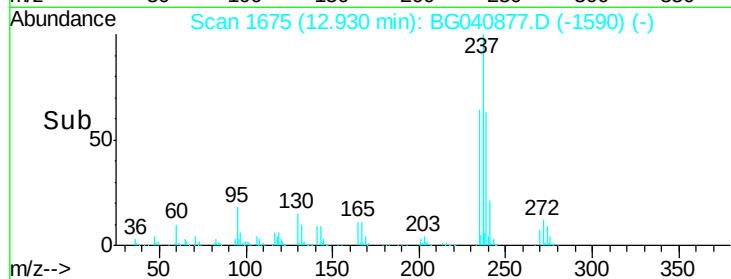
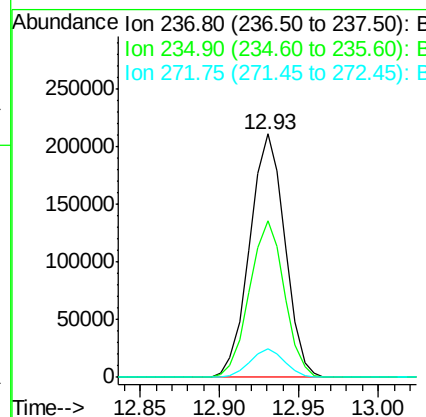
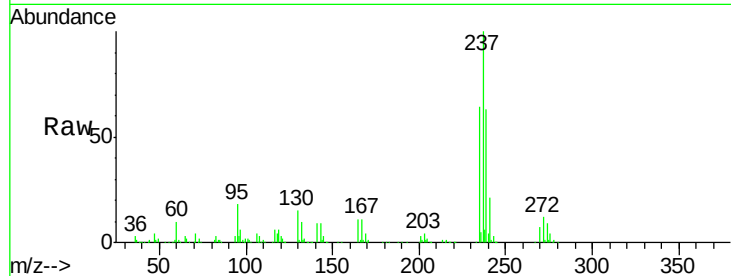
#41
Hexachlorocyclopentadiene
Concen: 85.876 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	325074		
235	64.1	42.5	82.5	
272	11.6	0.0	31.6	

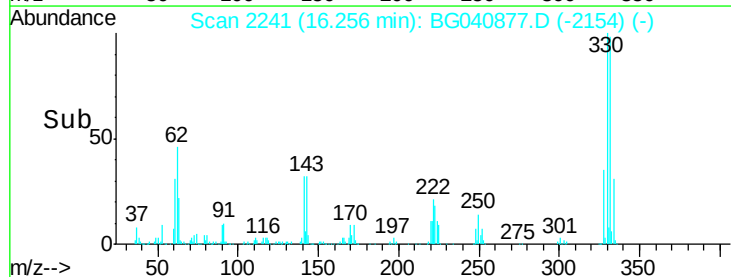
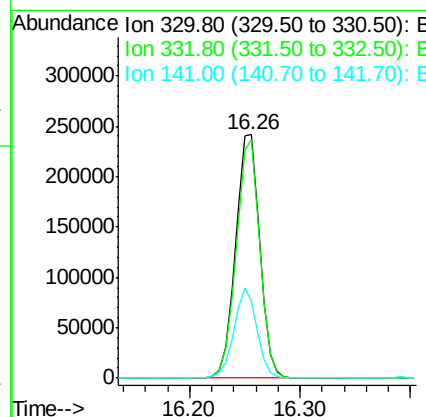
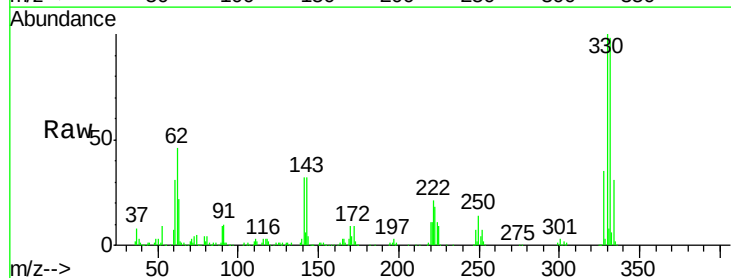
Manual Integrations
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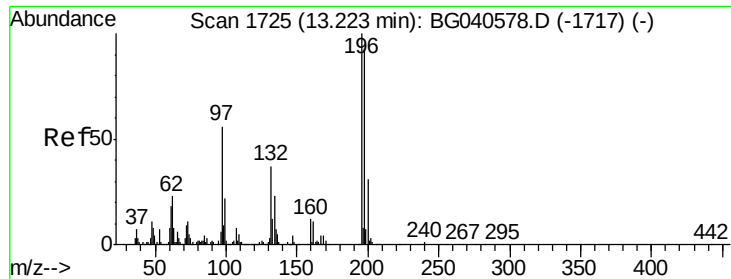
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#42
2,4,6-Tribromophenol
Concen: 157.250 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	372207		
332	95.2	75.9	113.9	
141	35.0	32.4	48.6	





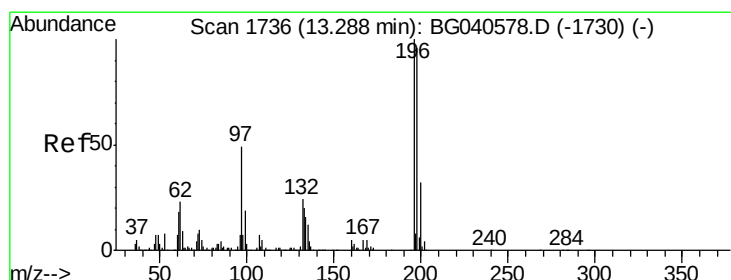
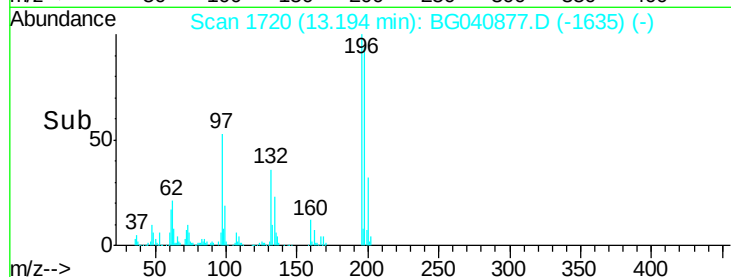
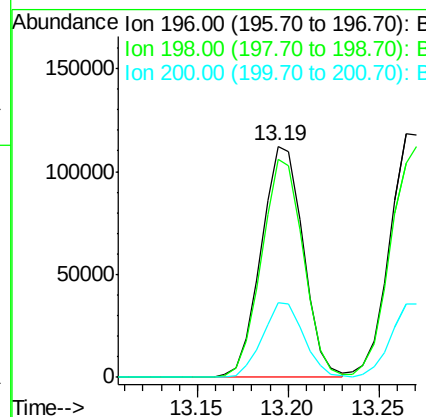
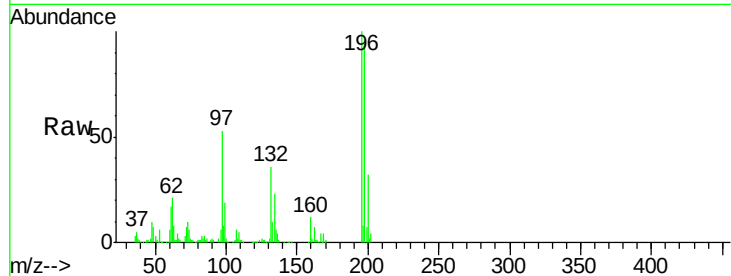
#43
 2,4,6-Trichlorophenol
 Concen: 46.796 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181413		
198	94.2	74.8	112.2	
200	32.1	24.9	37.3	

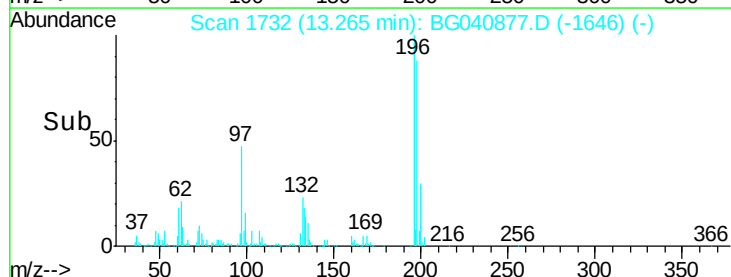
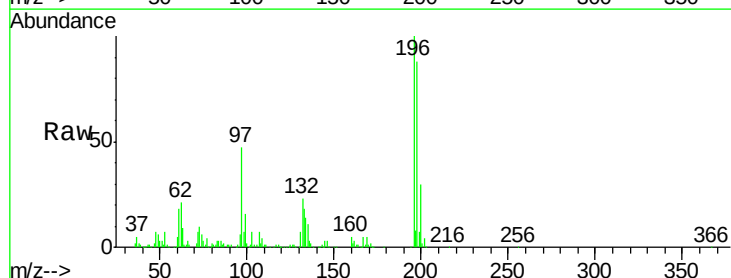
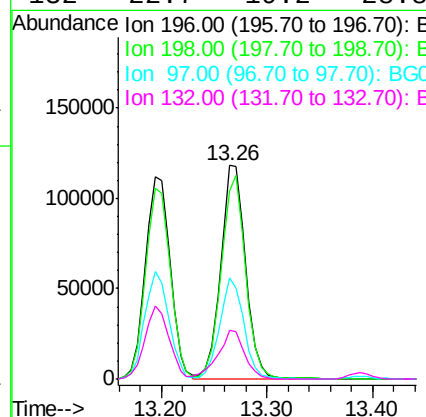
Manual Integrations
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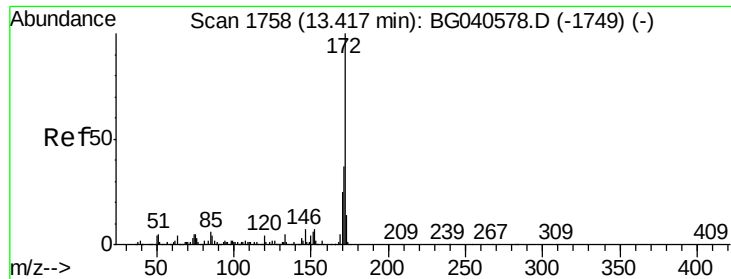
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 46.294 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195503		
198	88.2	77.0	115.6	
97	47.1	40.0	60.0	
132	22.7	19.2	28.8	





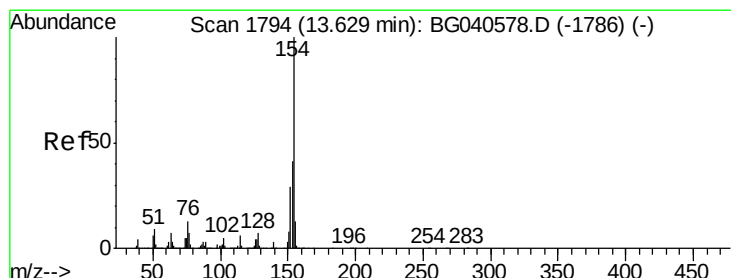
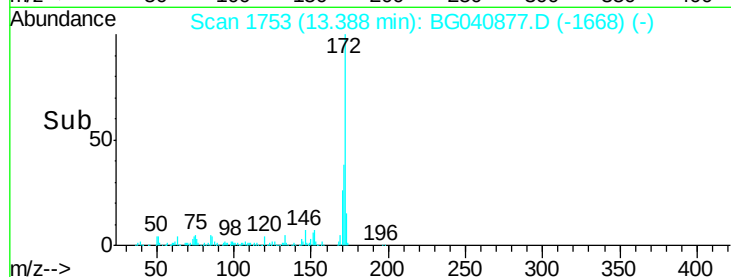
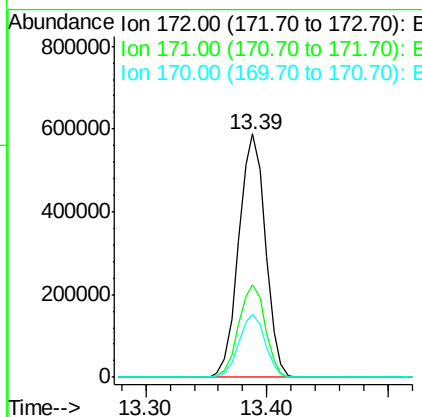
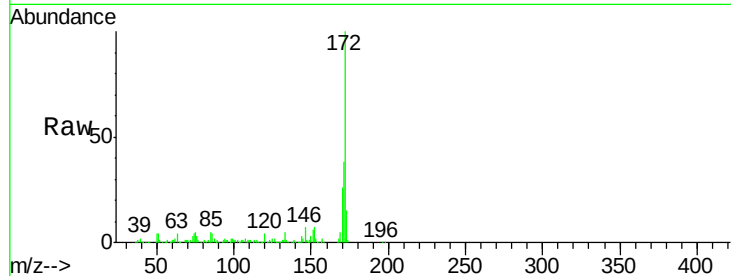
#45
2-Fluorobiphenyl
Concen: 76.044 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	25.9	19.9	29.9

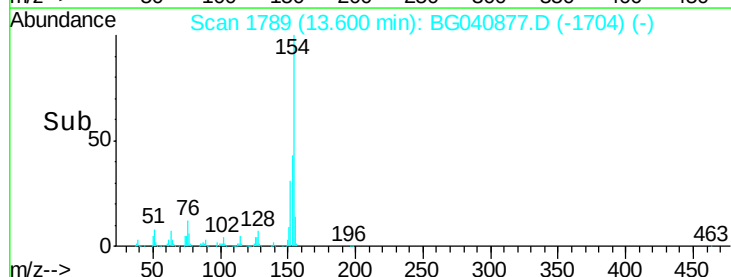
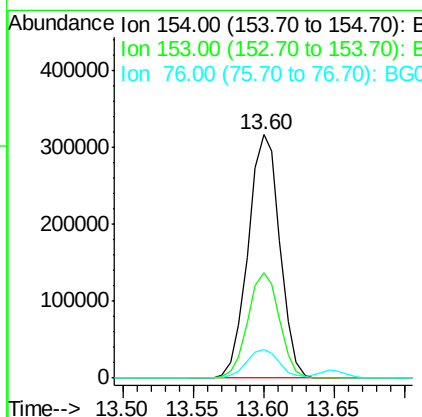
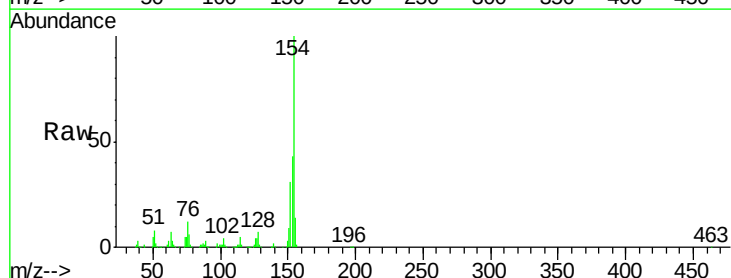
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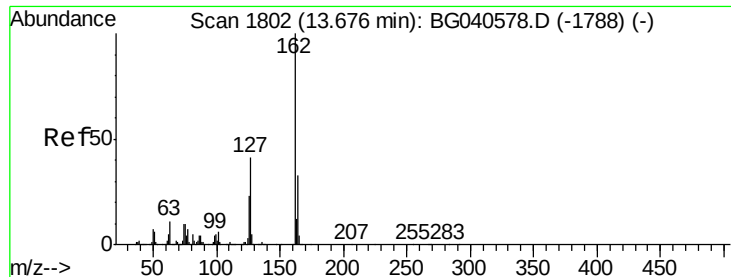
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#46
1,1'-Biphenyl
Concen: 37.356 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	20.5	60.5
76	11.9	0.0	32.5





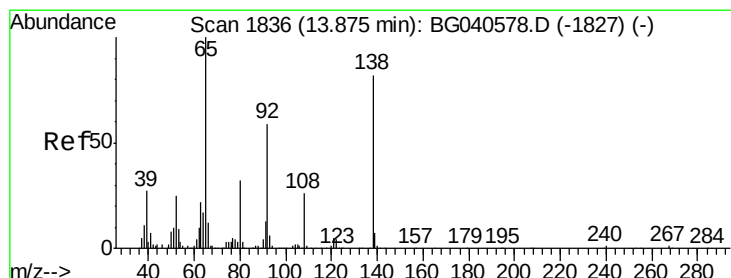
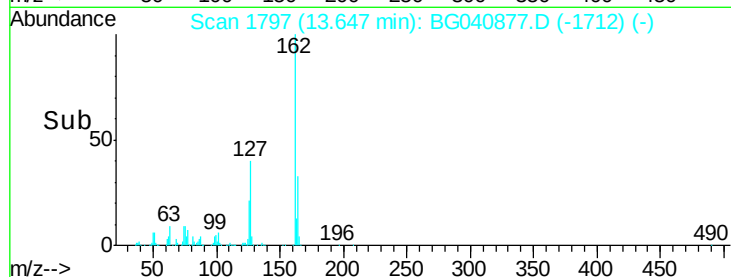
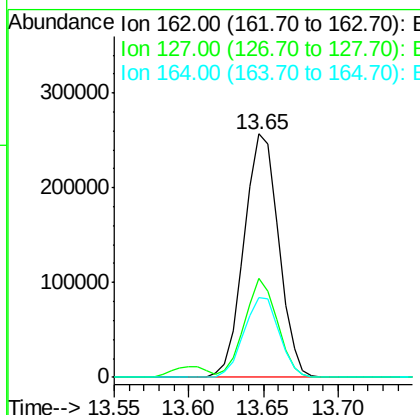
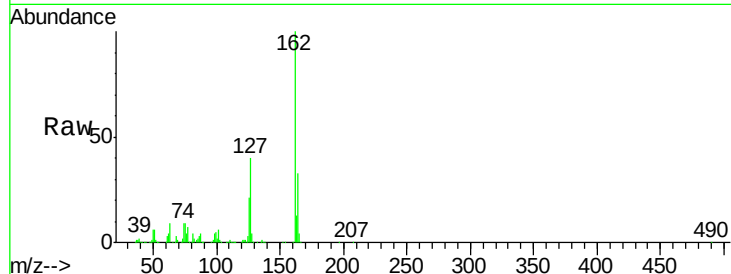
#47
 2-Chloronaphthalene
 Concen: 39.378 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.4	33.0	49.4
164	32.9	26.8	40.2

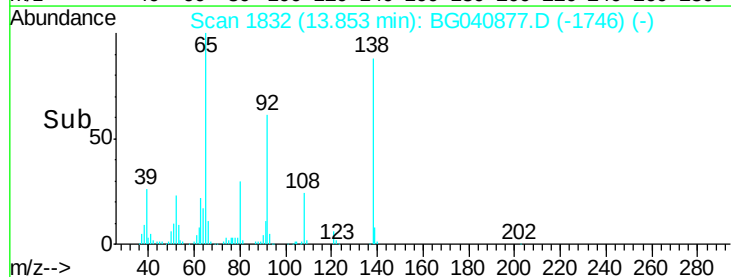
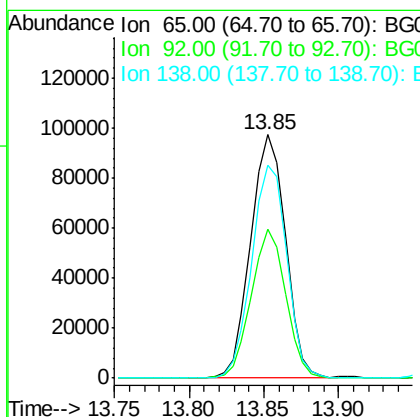
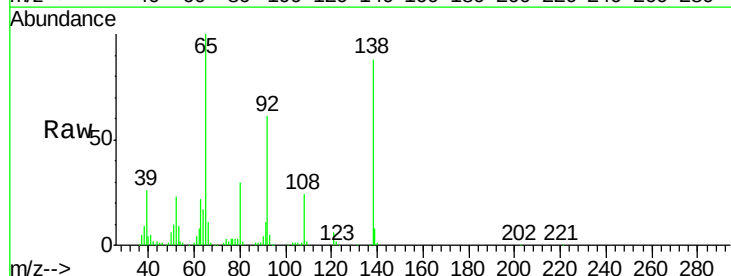
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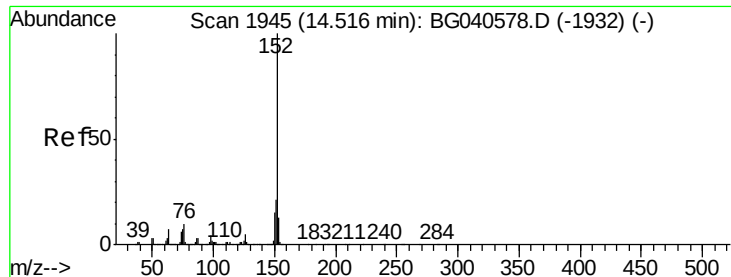
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#48
 2-Nitroaniline
 Concen: 42.359 ng
 RT: 13.85 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	61.1	47.4	71.0
138	87.5	66.1	99.1





#49

Acenaphthylene

Concen: 36.698 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

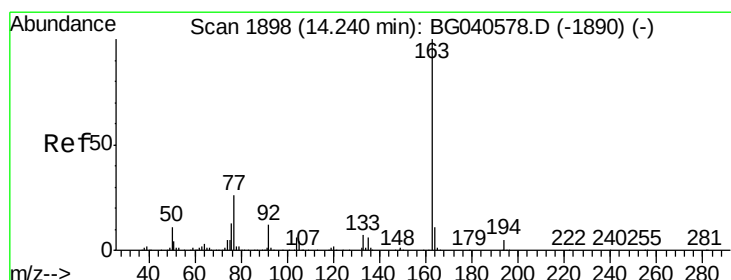
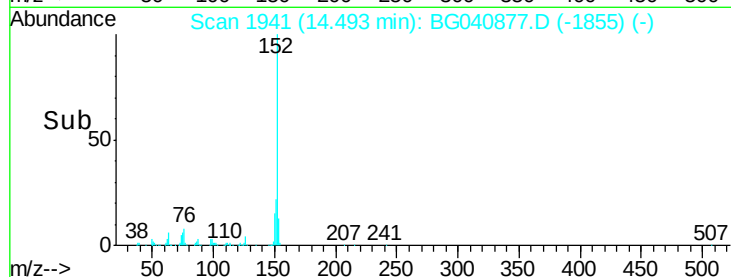
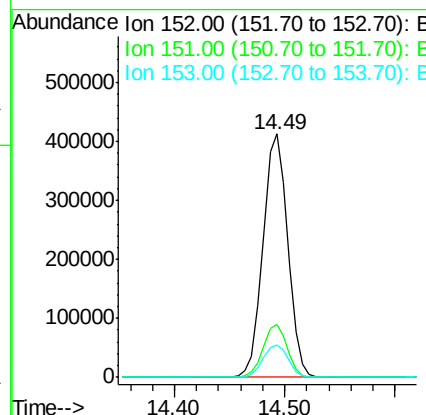
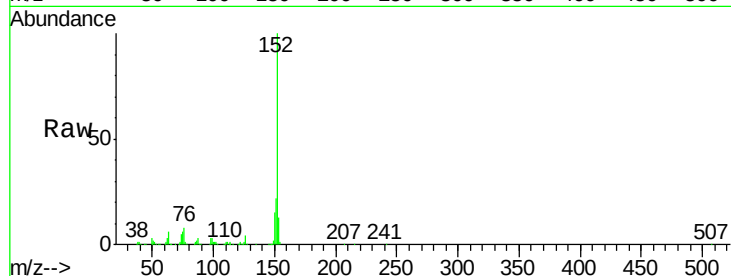
ClientSampled :

PB119645BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	13.3	10.7	16.1

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#50

Dimethylphthalate

Concen: 39.408 ng

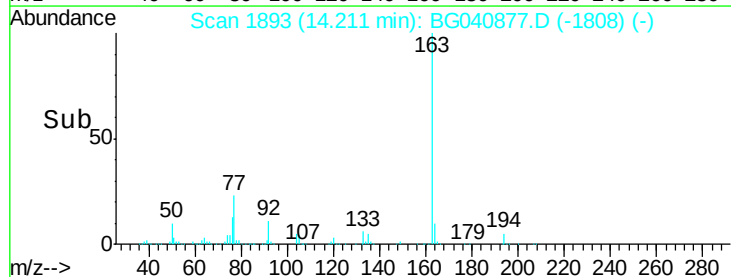
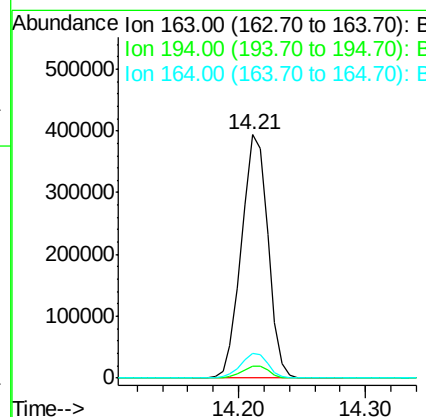
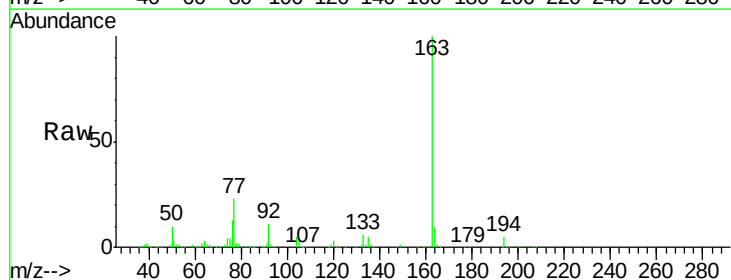
RT: 14.21 min Scan# 1893

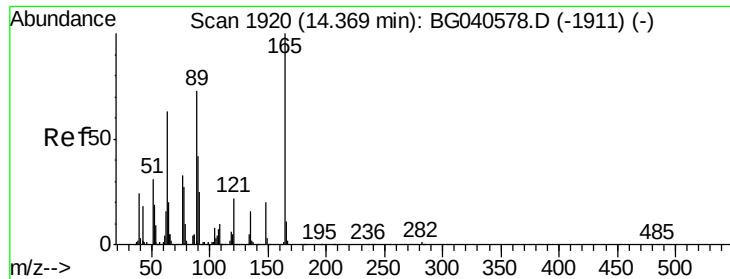
Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	10.2	8.8	13.2





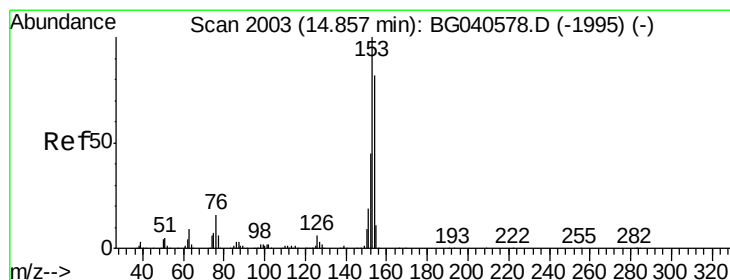
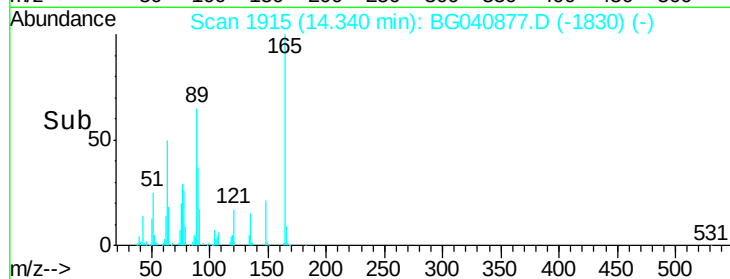
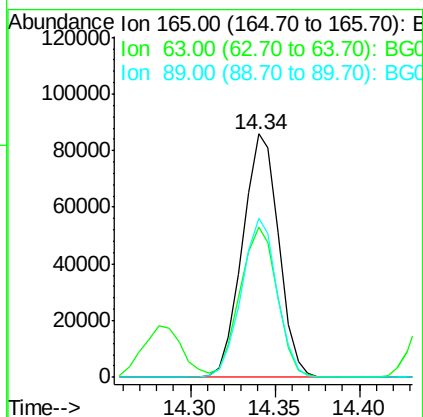
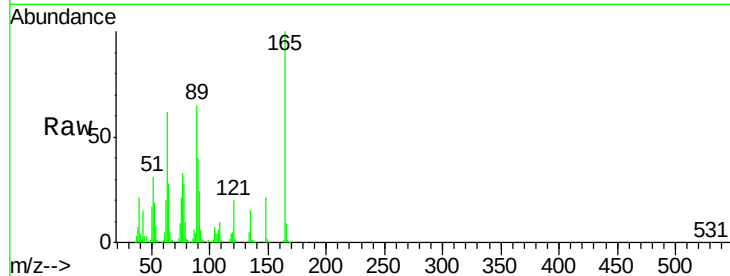
#51
2,6-Dinitrotoluene
Concen: 45.661 ng
RT: 14.34 min Scan# 1915
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	61.9	61.0	91.4
89	65.5	58.6	87.8

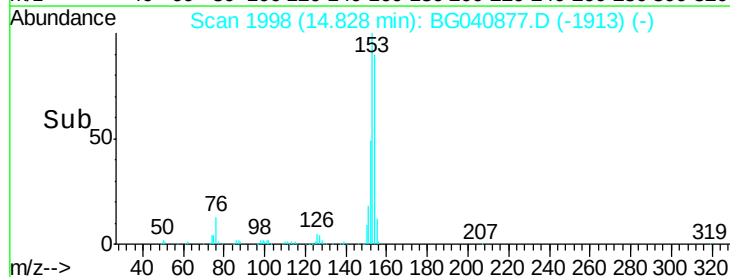
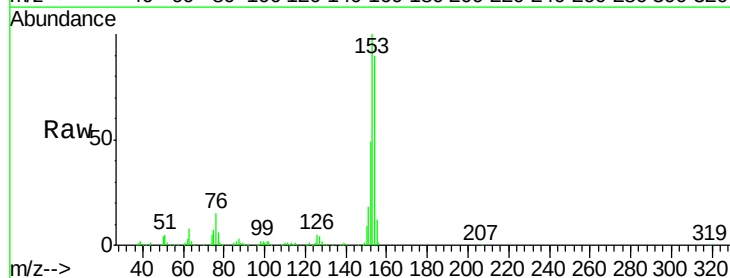
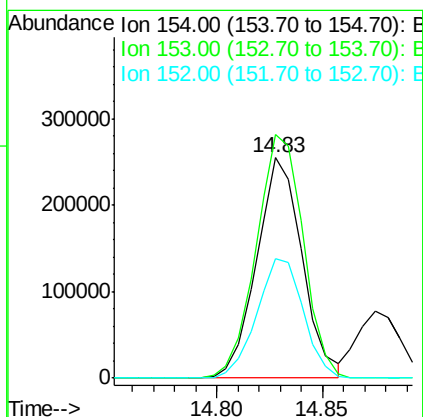
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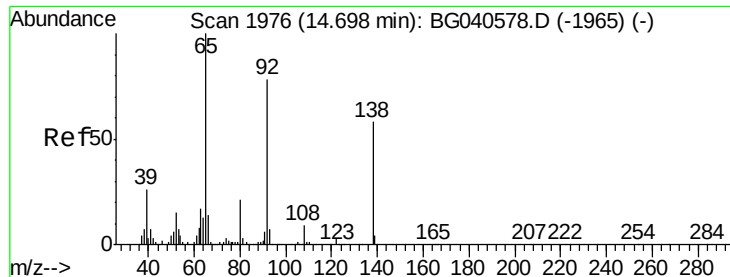
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#52
Acenaphthene
Concen: 37.049 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	110.7	97.0	145.6
152	54.4	44.1	66.1





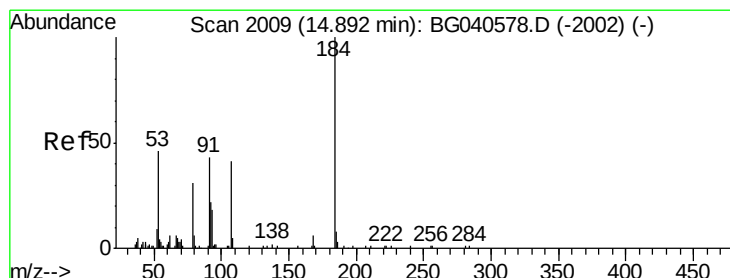
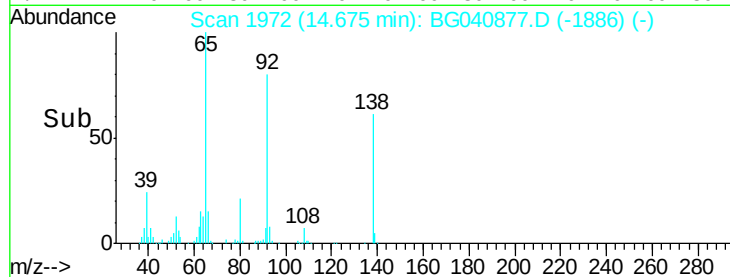
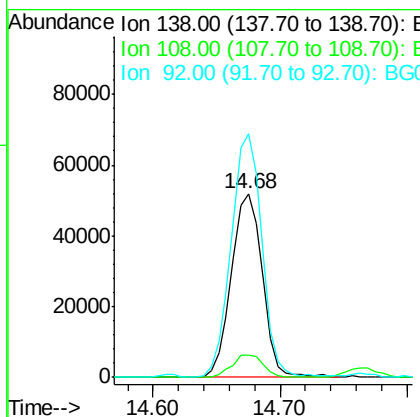
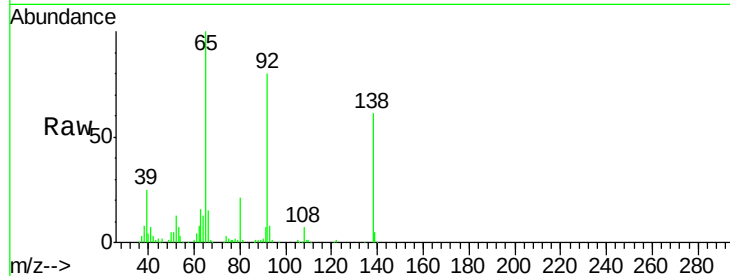
#53
 3-Nitroaniline
 Concen: 30.376 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion:138 Resp: 87520
 Ion Ratio Lower Upper
 138 100
 108 12.0 12.4 18.6#
 92 132.4 108.6 162.8

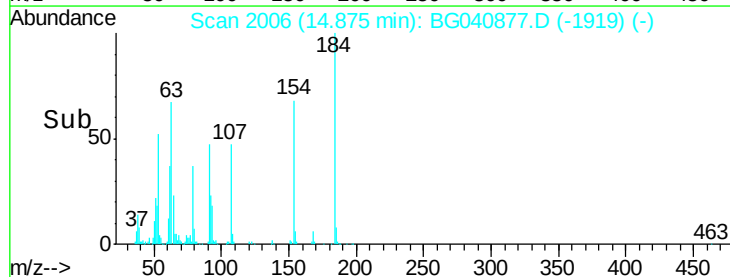
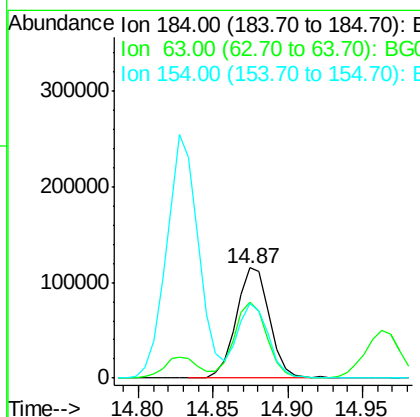
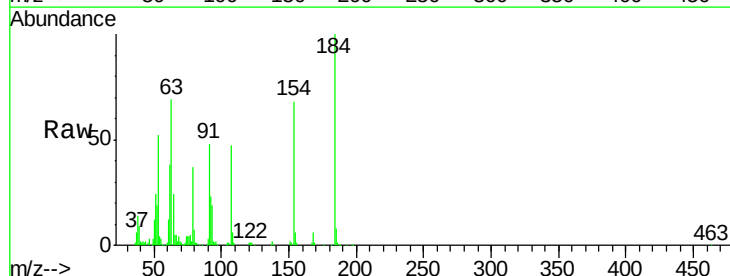
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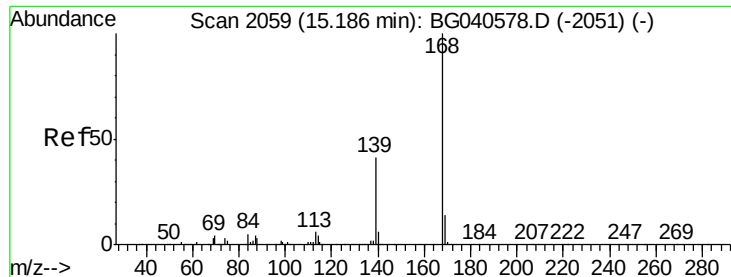
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#54
 2,4-Dinitrophenol
 Concen: 109.984 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion:184 Resp: 178998
 Ion Ratio Lower Upper
 184 100
 63 69.3 51.8 77.6
 154 67.7 43.6 65.4#





#55

Dibenzenofuran

Concen: 38.953 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

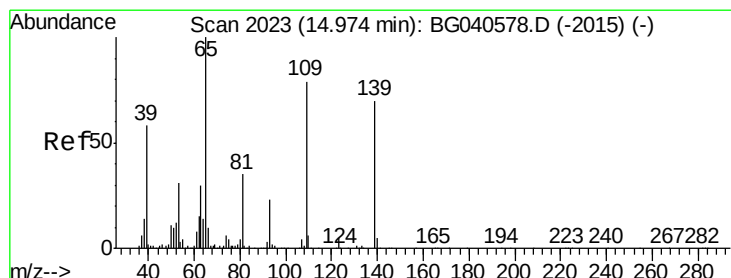
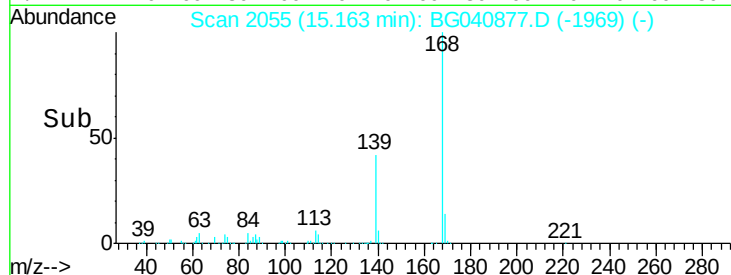
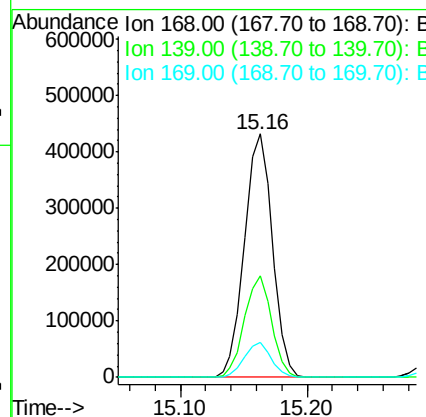
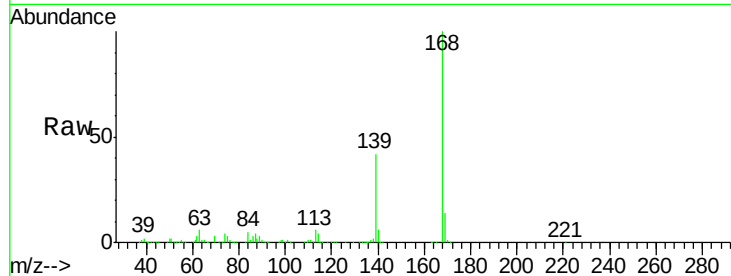
ClientSampleId :

PB119645BS

Tgt	Ion	168	Resp:	659595
	Ratio	100	Lower	Upper
	139	41.9	33.0	49.4
	169	14.3	11.0	16.4

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#56

4-Nitrophenol

Concen: 80.727 ng

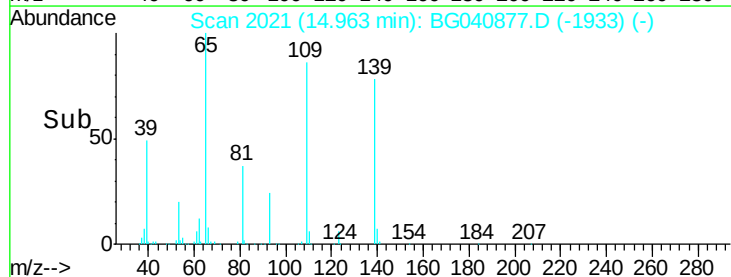
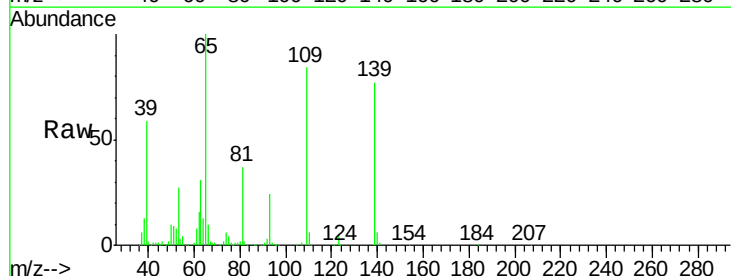
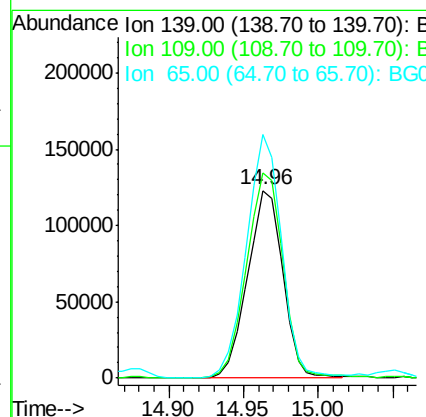
RT: 14.96 min Scan# 2021

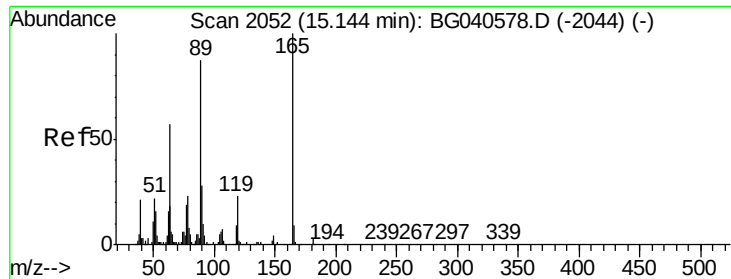
Delta R.T. -0.01 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt	Ion	139	Resp:	201682
	Ratio	100	Lower	Upper
	109	109.5	93.8	133.8
	65	129.7	122.7	162.7





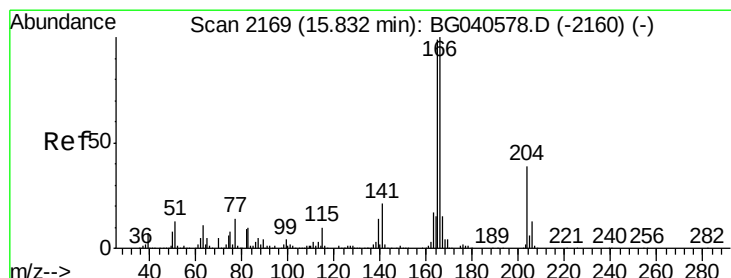
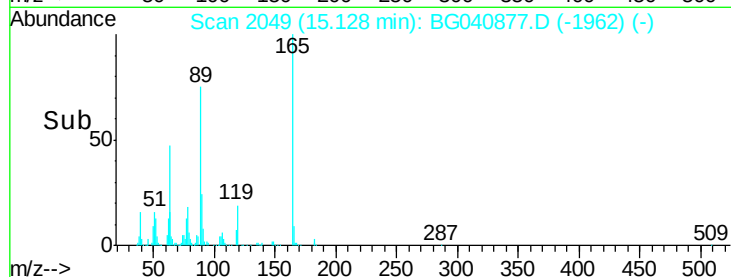
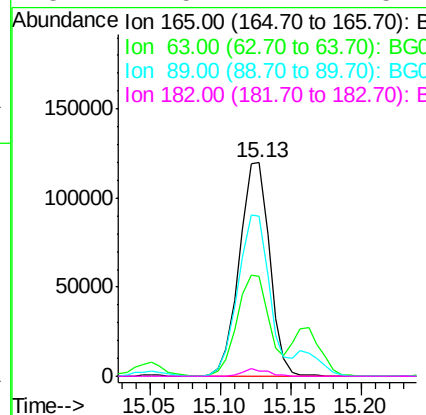
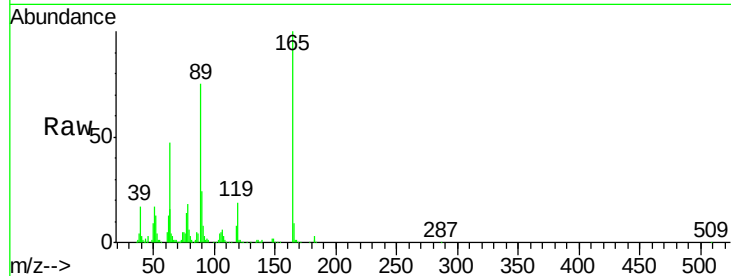
#57
2,4-Dinitrotoluene
Concen: 47.102 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179977		
63	46.8	45.8	68.8	
89	75.1	69.4	104.2	
182	2.5	2.2	3.4	

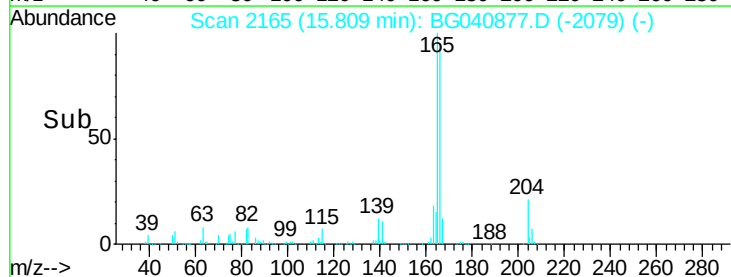
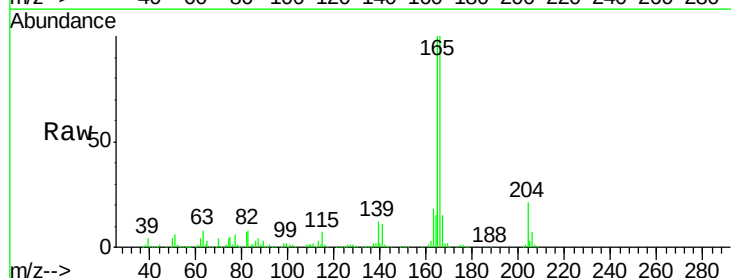
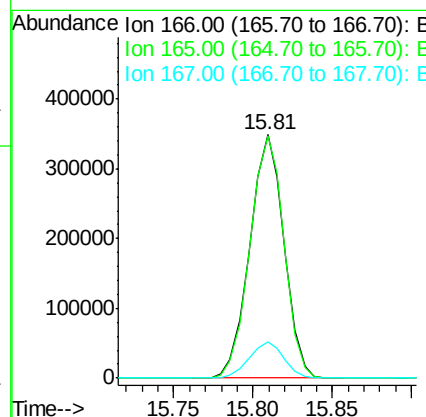
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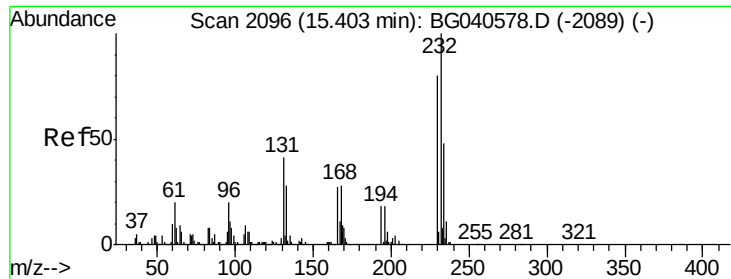
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#58
Fluorene
Concen: 38.056 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	520852		
165	99.8	79.6	119.4	
167	14.8	12.2	18.2	





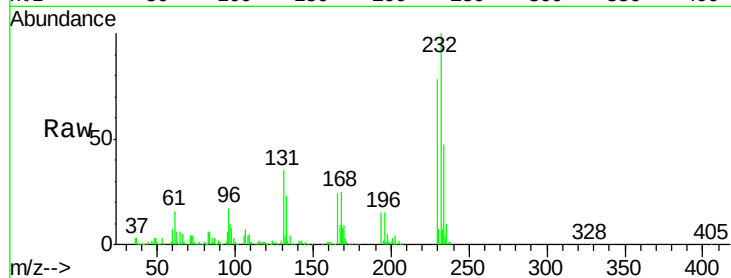
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.432 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

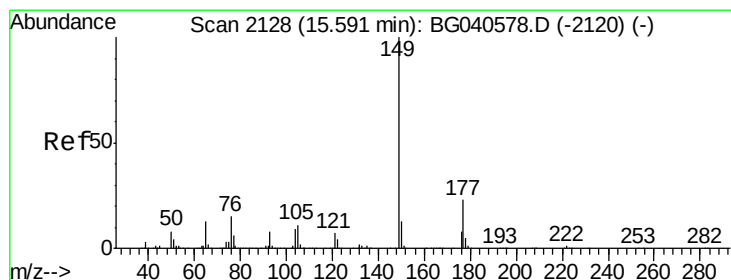
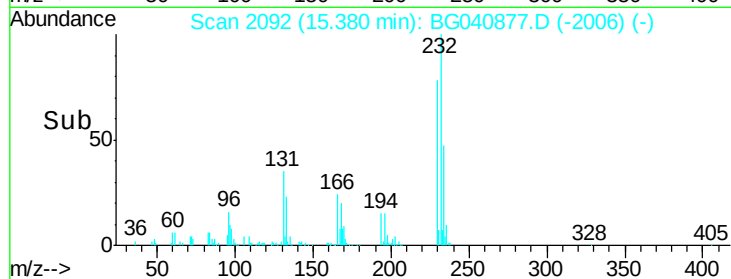
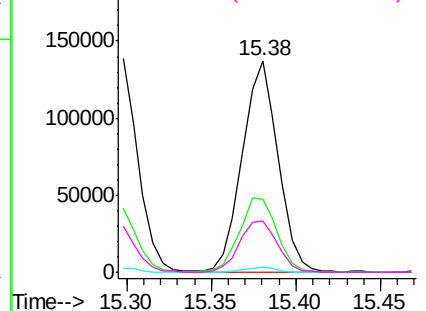
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	201612		
131	36.2	33.0	49.4	
130	2.2	2.0	3.0	
166	25.9	22.1	33.1	

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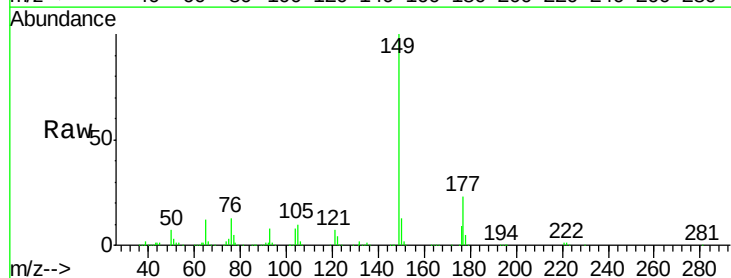


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

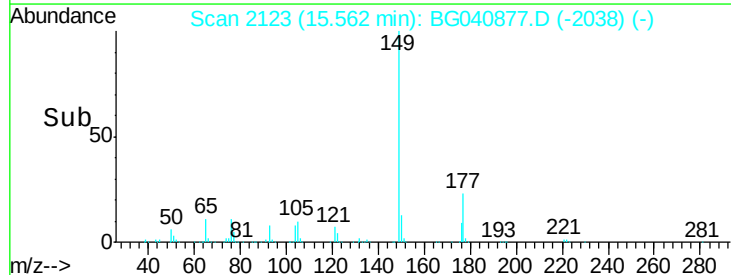
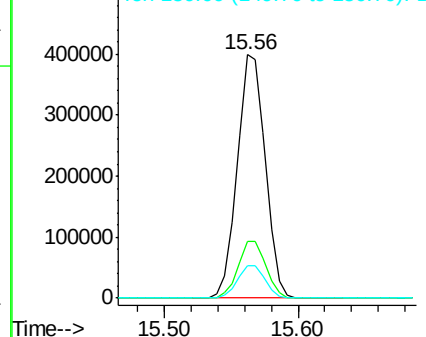


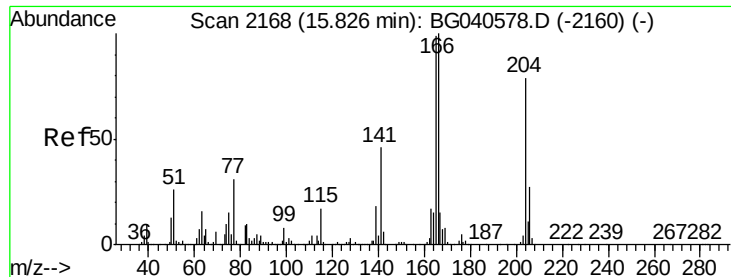
#60
 Diethylphthalate
 Concen: 38.156 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	580034		
177	23.2	18.5	27.7	
150	13.2	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





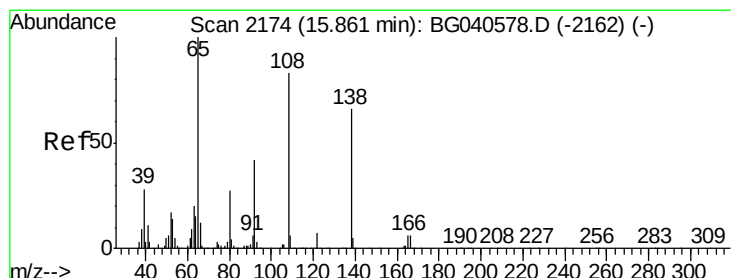
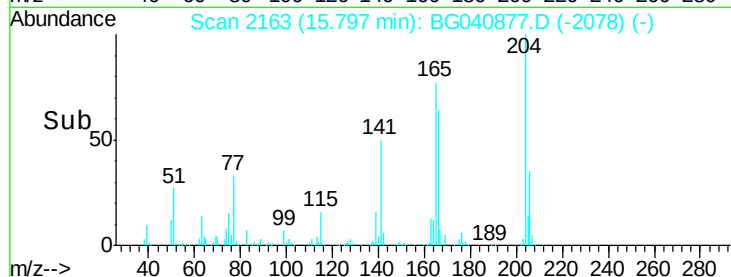
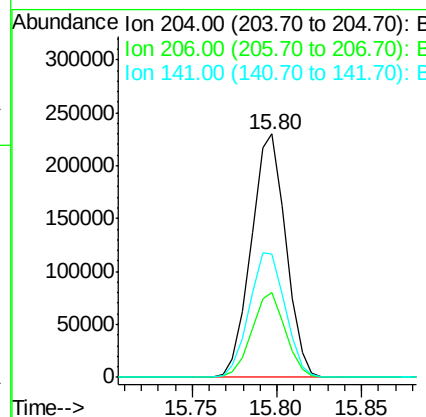
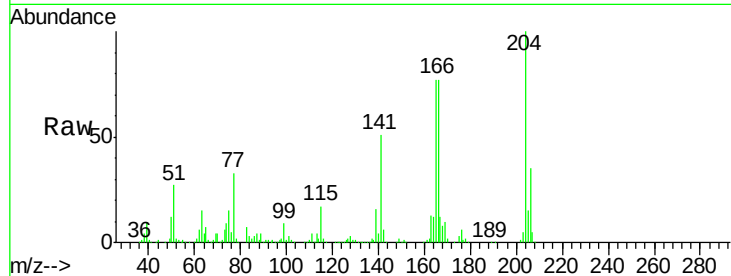
#61
4-Chlorophenyl-phenylether
Concen: 41.241 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	328287		
206	34.7	27.4	41.2	
141	50.8	46.0	69.0	

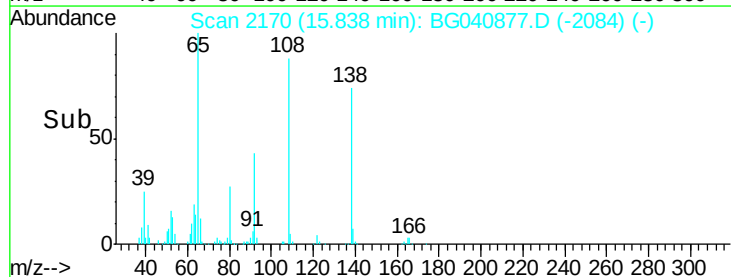
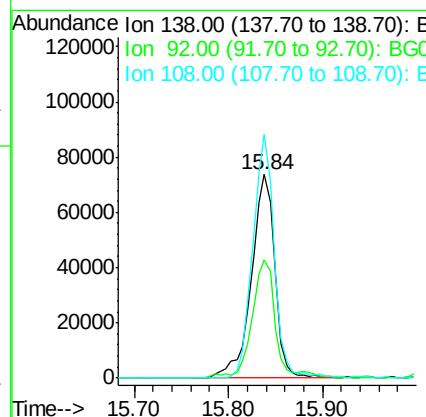
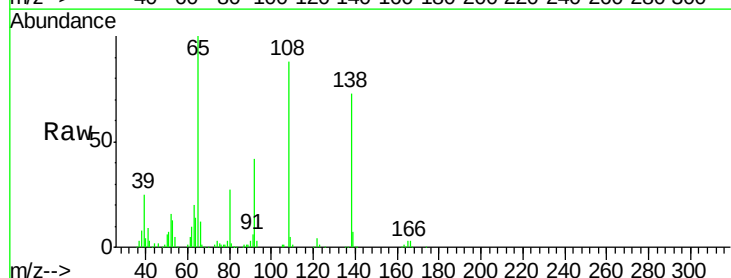
Manual Integrations
APPROVED

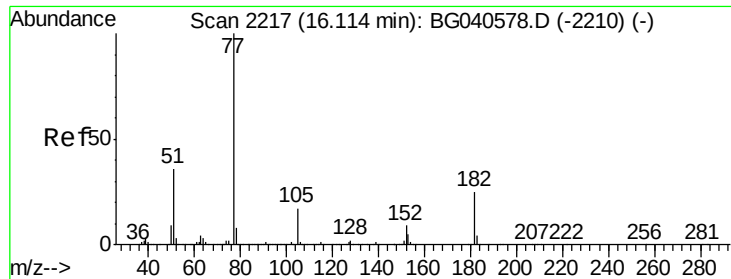
Sohil
5/14/2019 8:01:41 PM



#62
4-Nitroaniline
Concen: 39.775 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	128194		
92	57.9	43.9	83.9	
108	119.4	106.5	146.5	





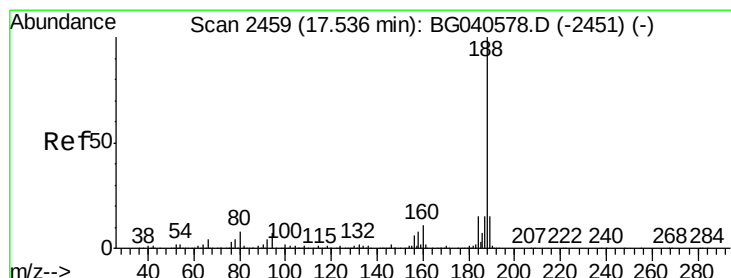
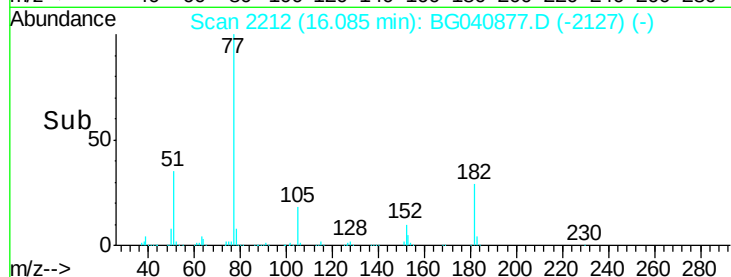
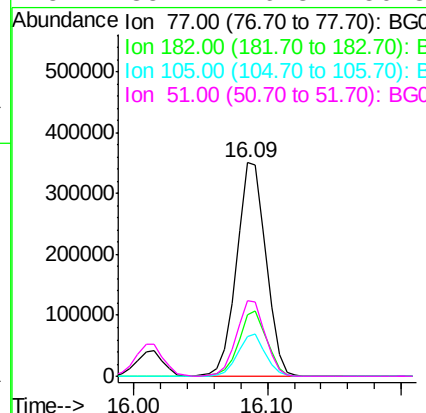
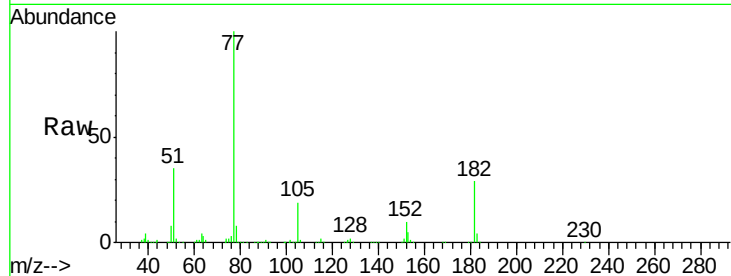
#63
Azobenzene
Concen: 34.232 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampled :
PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	535915		
182	28.5	5.0	45.0	
105	18.5	0.0	37.6	
51	35.2	16.3	56.3	

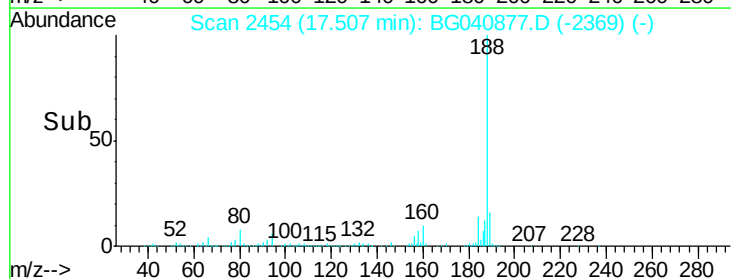
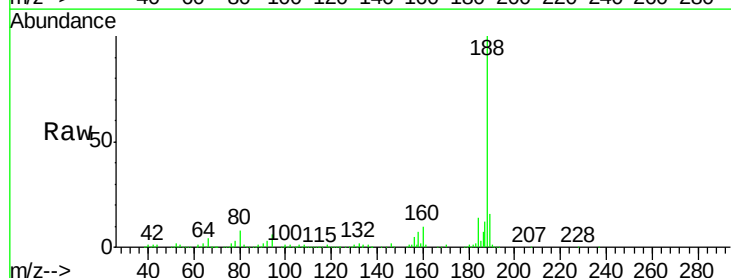
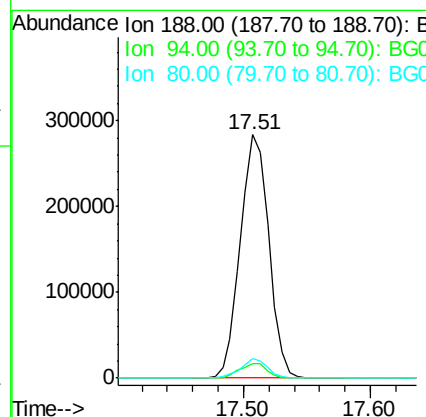
Manual Integrations
APPROVED

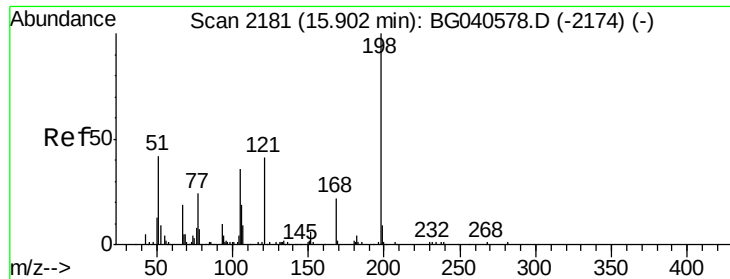
Sohil
5/14/2019 8:01:41 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	442623		
94	5.9	5.6	8.4	
80	8.1	6.4	9.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 51.596 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

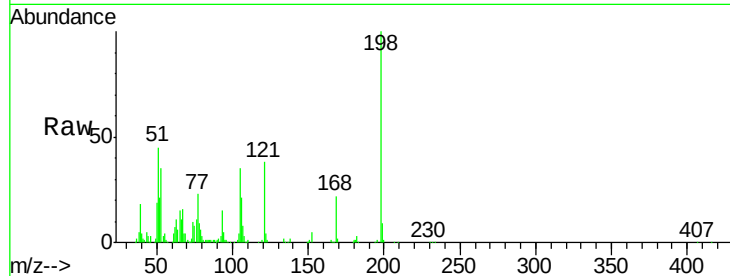
ClientSampled :

PB119645BS

Tgt Ion:	198	Resp:	113888
Ion Ratio	Lower	Upper	
198	100		
51	44.6	35.9	75.9
105	34.7	21.2	61.2

Manual Integrations
APPROVED

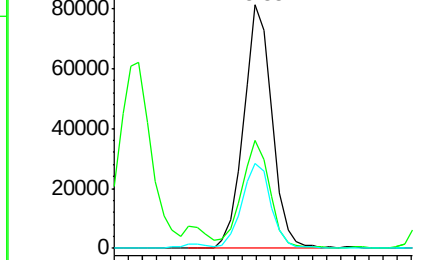
Sohil
5/14/2019 8:01:41 PM



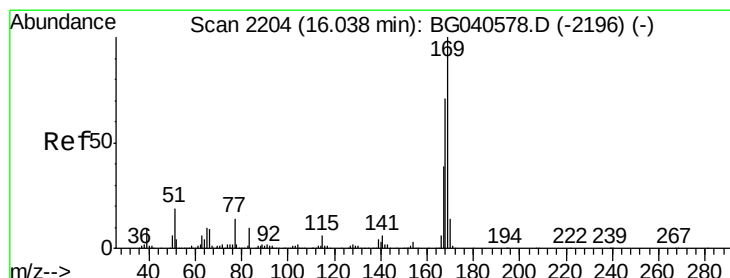
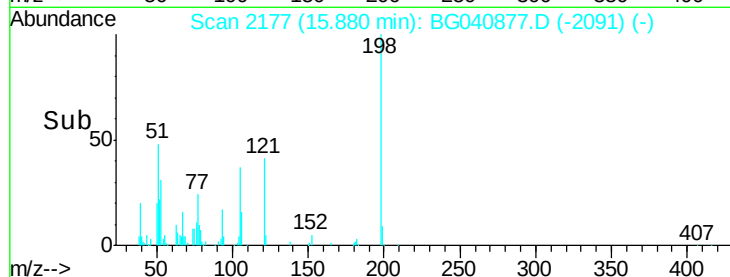
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 37.098 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG040877.D

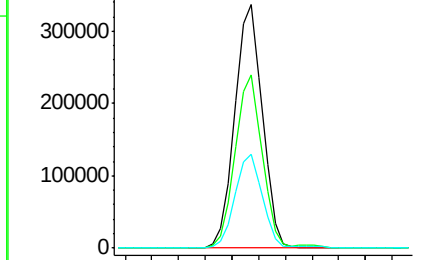
Acq: 11 May 2019 17:19

Tgt Ion:	169	Resp:	483103
Ion Ratio	Lower	Upper	
169	100		
168	71.1	56.8	85.2
167	38.5	31.4	47.0

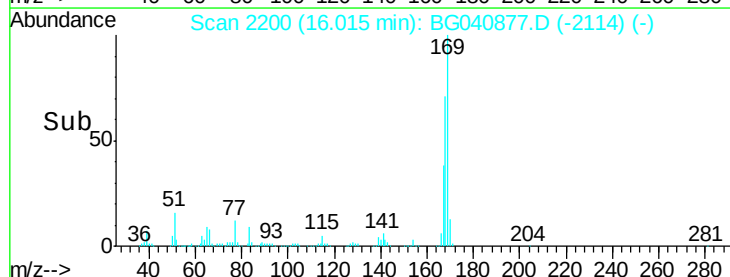
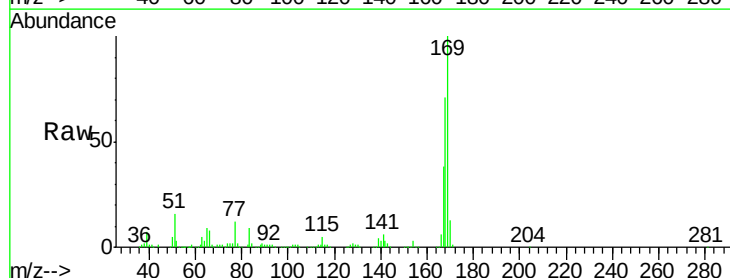
Abundance Ion 169.00 (168.70 to 169.70): E

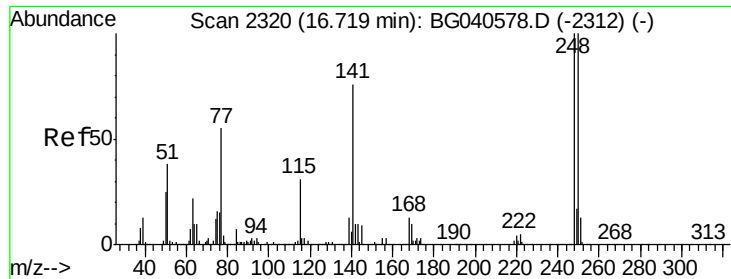
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





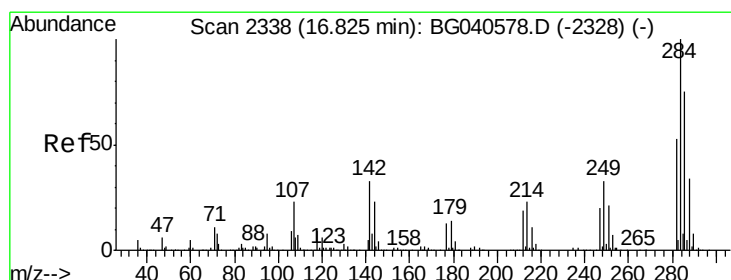
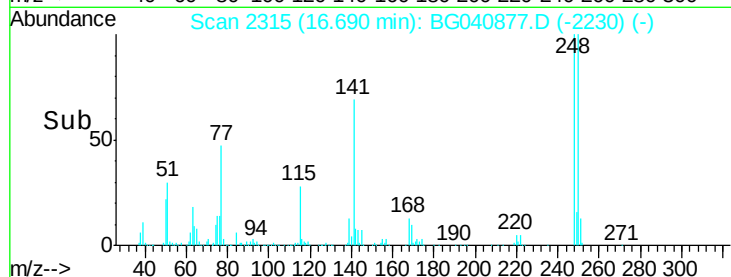
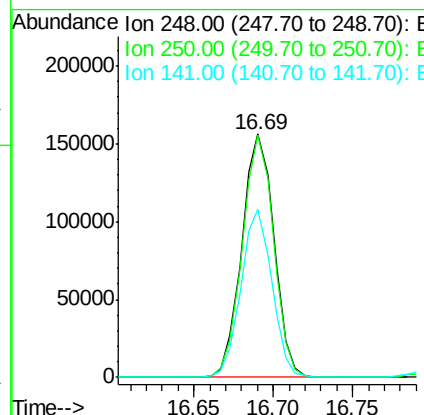
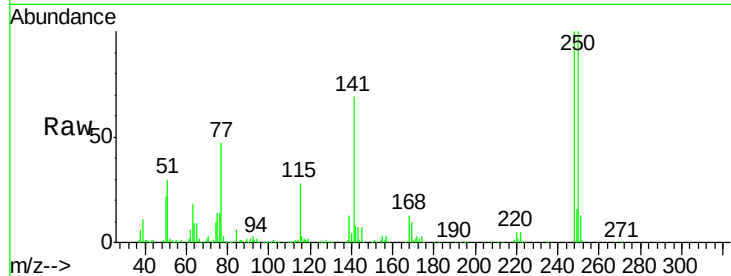
#67
 4-Bromophenyl-phenylether
 Concen: 39.809 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	219526		
250	99.7	79.8	119.6	
141	68.9	60.8	91.2	

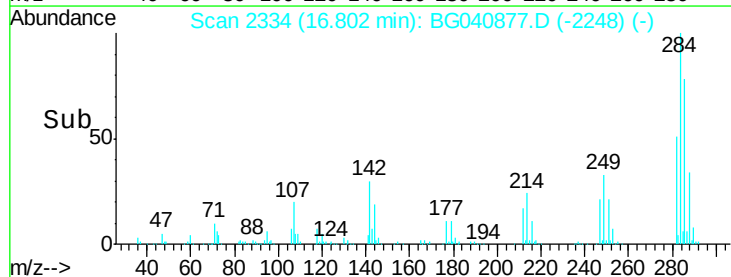
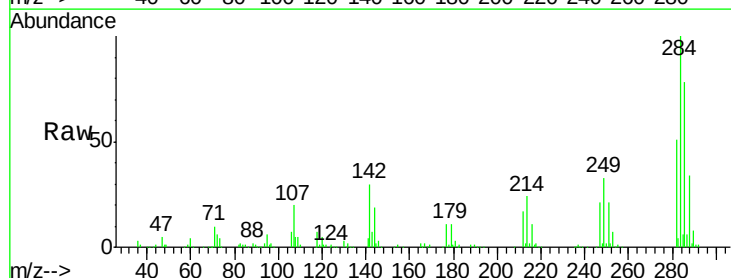
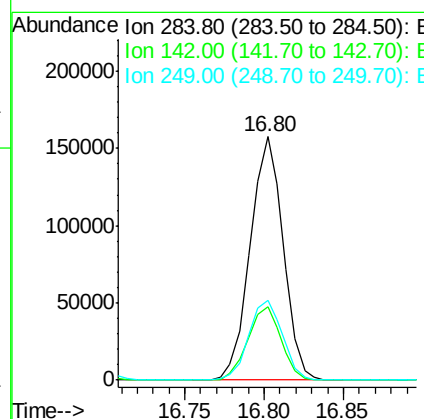
Manual Integrations
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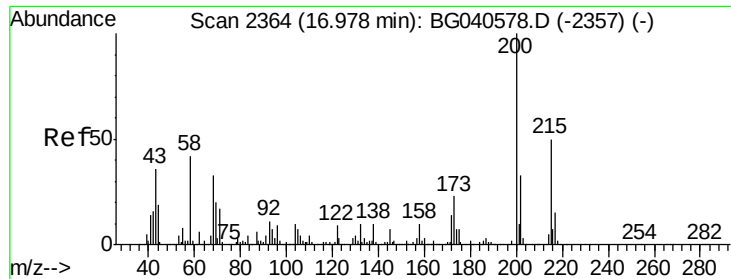
Sohil
 5/14/2019 8:01:41 PM



#68
 Hexachlorobenzene
 Concen: 39.777 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	226810		
142	30.0	26.6	40.0	
249	33.0	26.0	39.0	





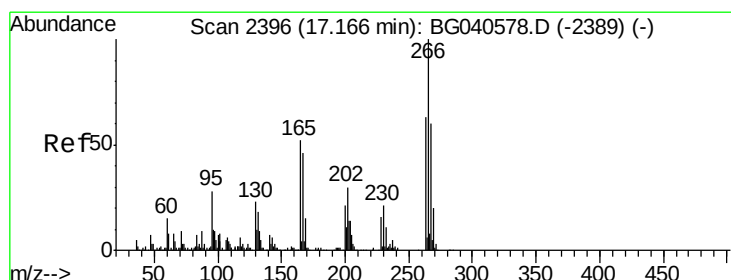
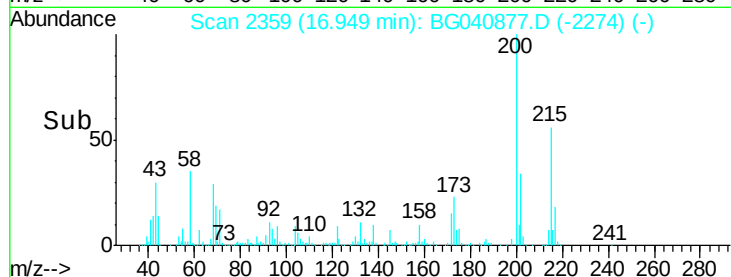
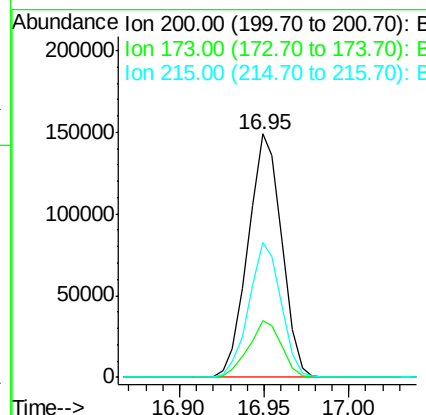
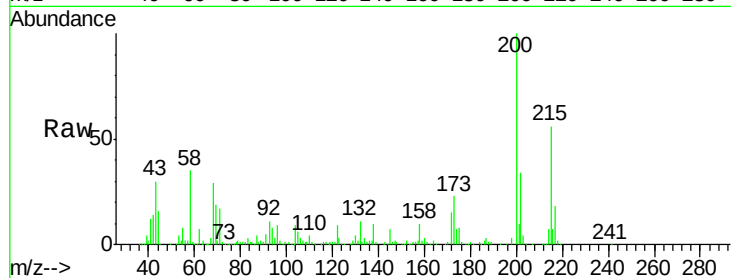
#69
 Atrazine
 Concen: 40.065 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.5	2.8	42.8
215	55.6	30.2	70.2

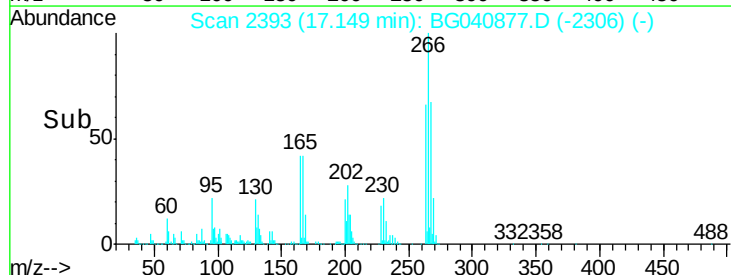
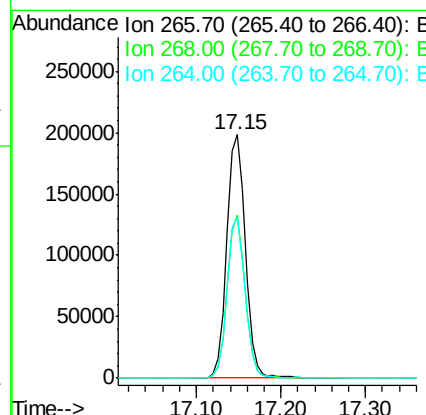
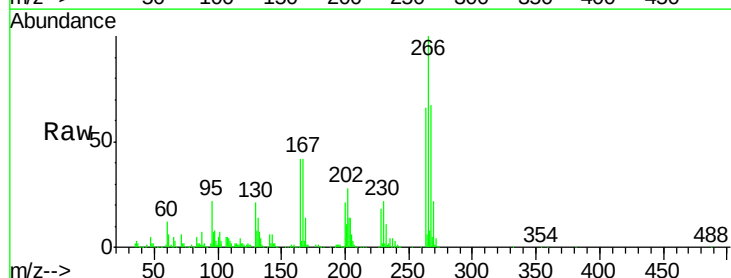
Manual Integrations
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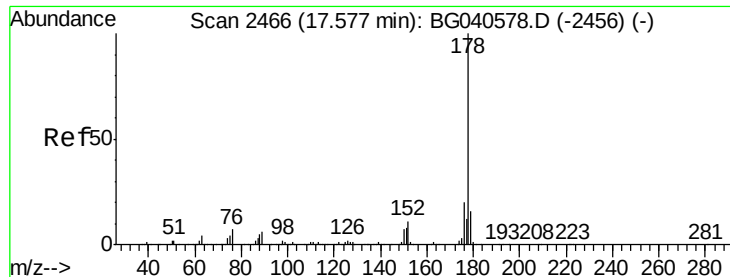
Sohil
 5/14/2019 8:01:41 PM



#70
 Pentachlorophenol
 Concen: 91.181 ng
 RT: 17.15 min Scan# 2393
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.8	52.3	78.5
264	65.9	50.0	75.0





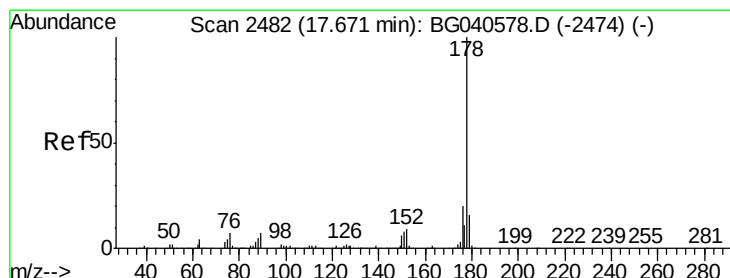
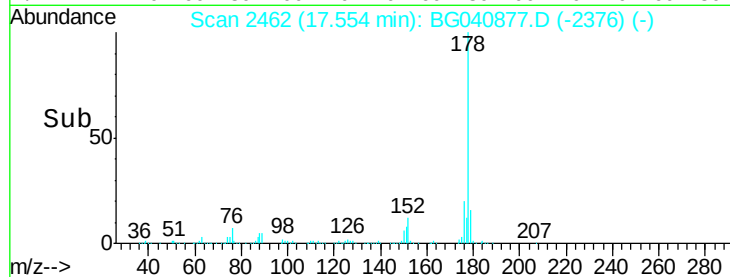
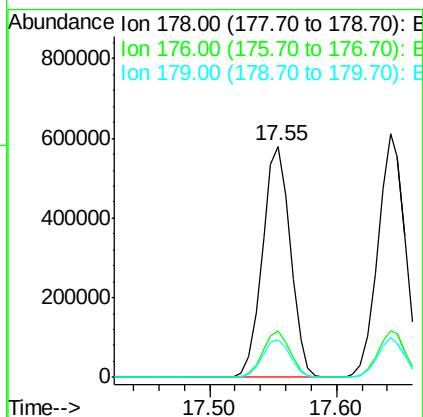
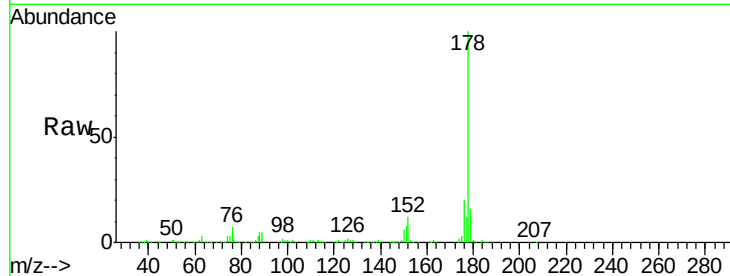
#71
 Phenanthrene
 Concen: 37.346 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	16.3	12.6	18.8

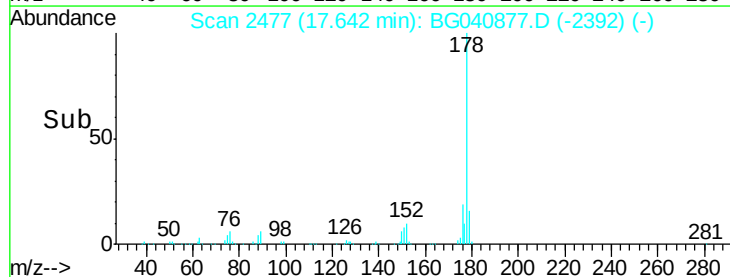
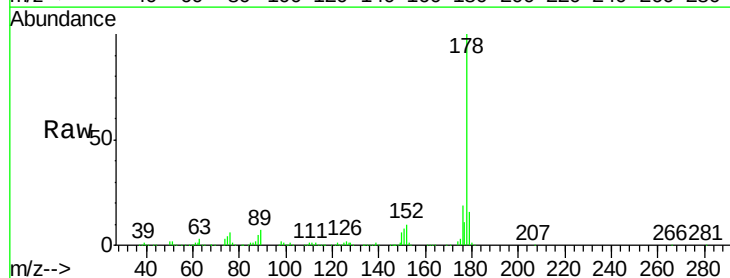
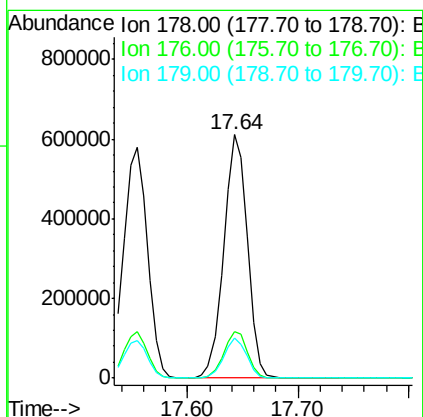
Manual Integrations
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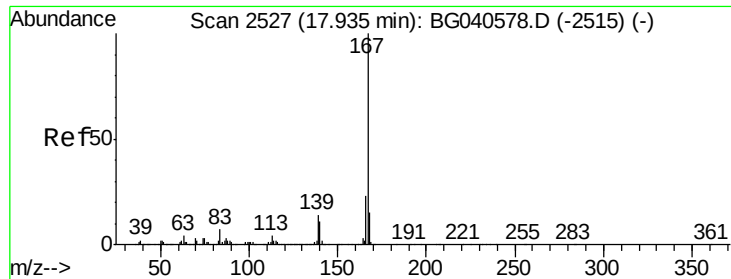
Sohil
 5/14/2019 8:01:41 PM



#72
 Anthracene
 Concen: 38.044 ng
 RT: 17.64 min Scan# 2477
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	16.3	12.9	19.3





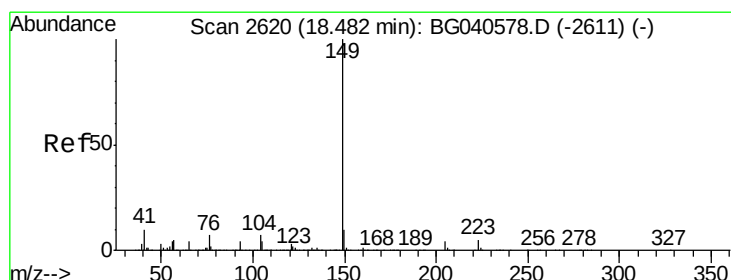
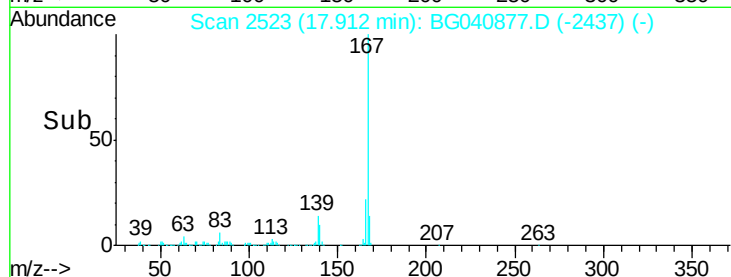
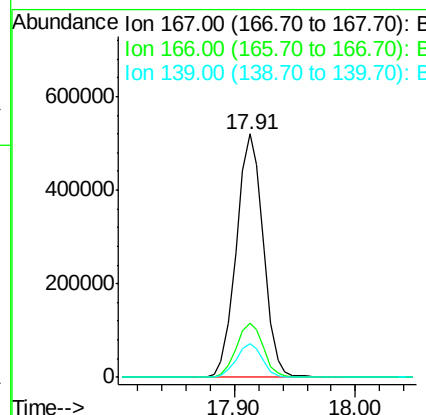
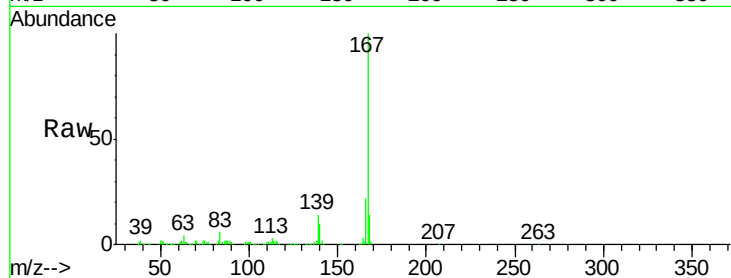
#73
 Carbazole
 Concen: 37.011 ng
 RT: 17.91 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
167	100		
166	22.5	18.2	27.4
139	13.9	11.4	17.0

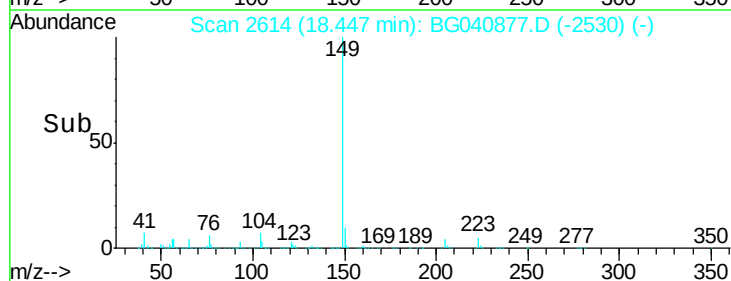
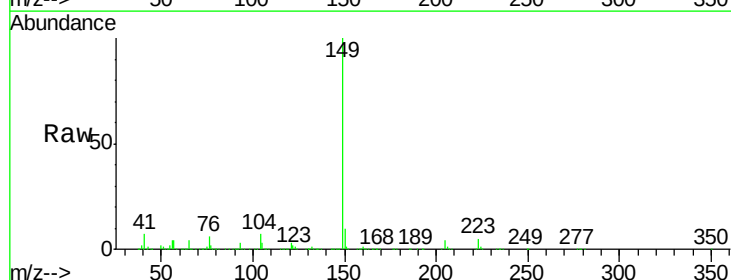
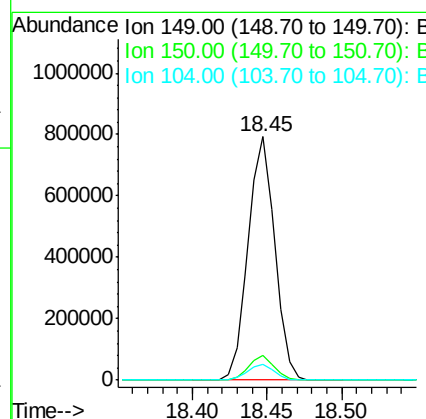
Manual Integrations
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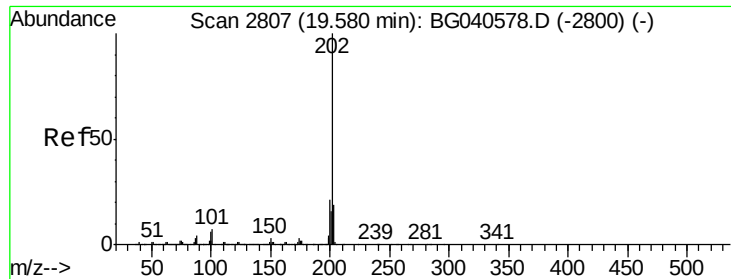
Sohil
 5/14/2019 8:01:41 PM



#74
 Di-n-butylphthalate
 Concen: 37.086 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.9	8.2	12.2
104	6.7	5.4	8.2





#75

Fluoranthene

Concen: 40.181 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

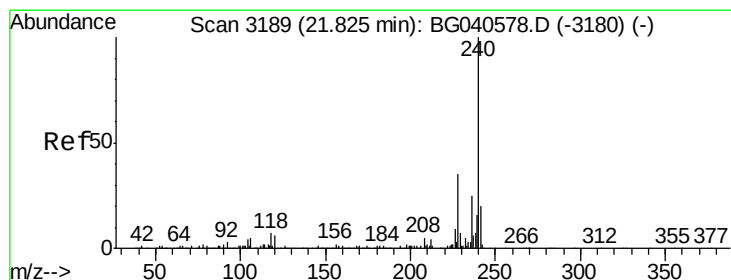
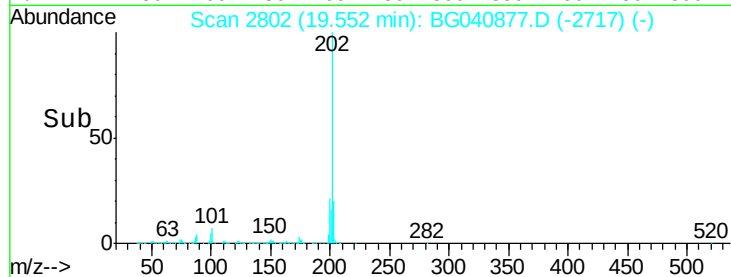
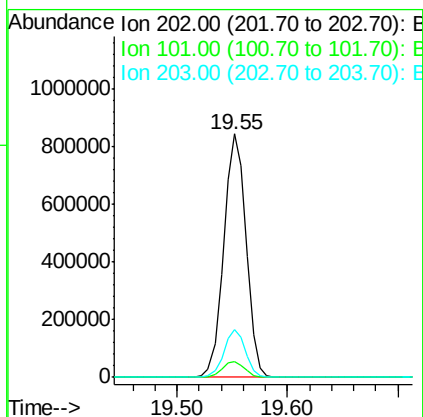
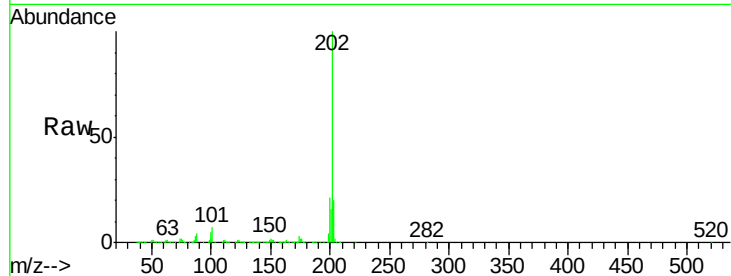
ClientSampleId :

PB119645BS

Tgt Ion:	202	Resp:	1193774
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	27.5
203	19.8	0.0	39.3

Manual Integrations
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5/14/2019 8:01:41 PM



#76

Chrysene-d12

Concen: 20.000 ng

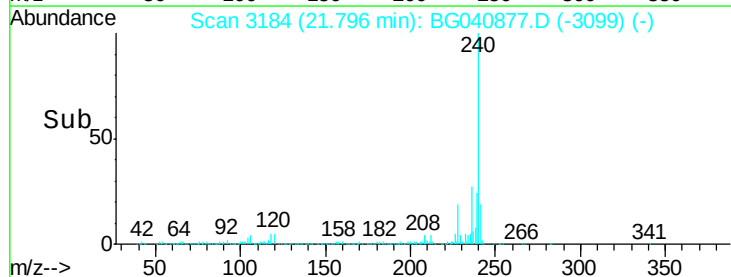
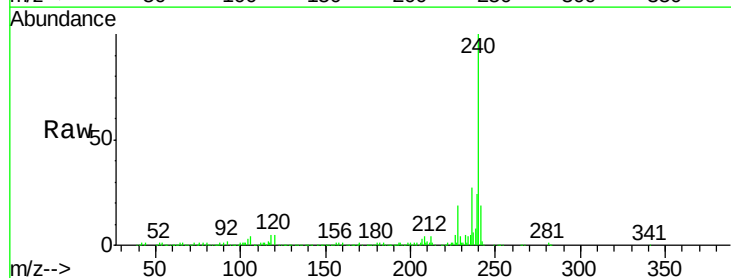
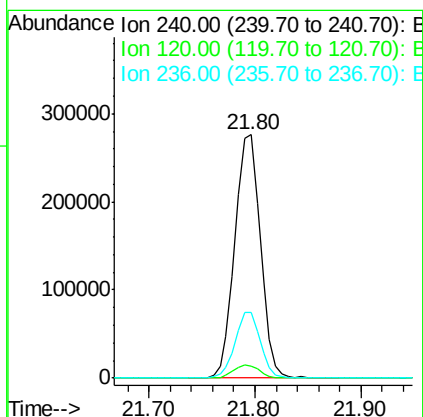
RT: 21.80 min Scan# 3184

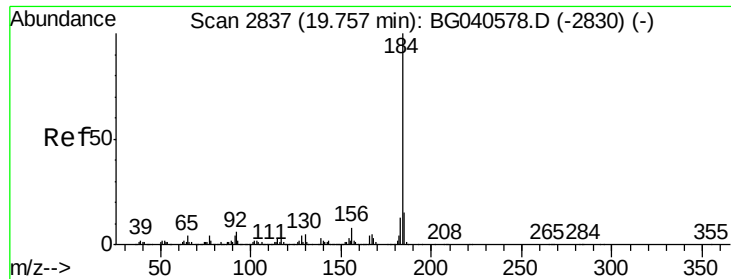
Delta R.T. -0.03 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt Ion:	240	Resp:	463518
Ion	Ratio	Lower	Upper
240	100		
120	4.7	5.0	7.6#
236	27.1	20.3	30.5





#77

Benzidine

Concen: 31.134 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

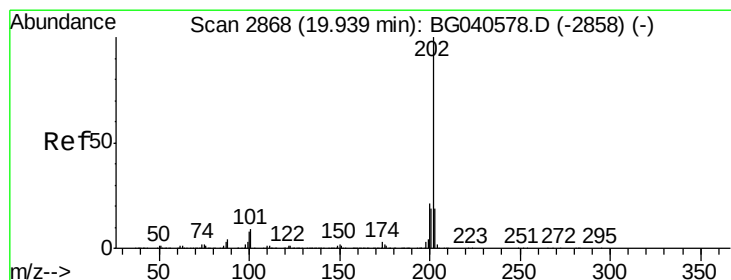
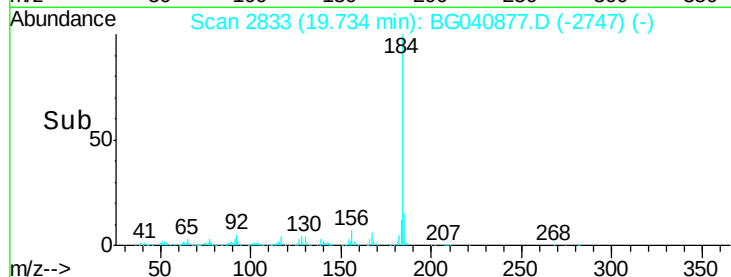
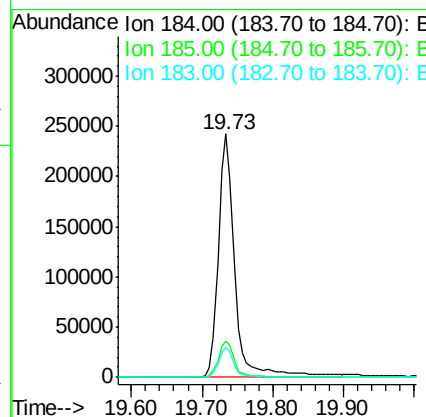
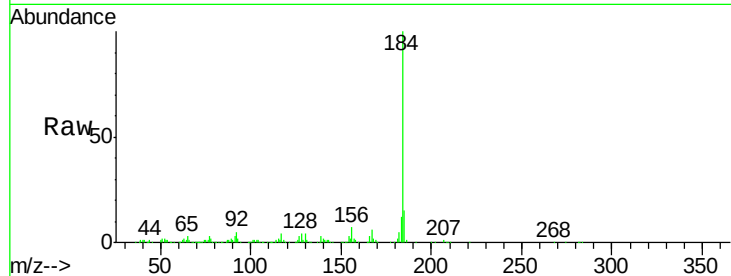
ClientSampleId :

PB119645BS

Tgt Ion:	184	Resp:	395133
Ion Ratio		Lower	Upper
184	100		
185	15.0	11.8	17.8
183	12.2	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 41.051 ng

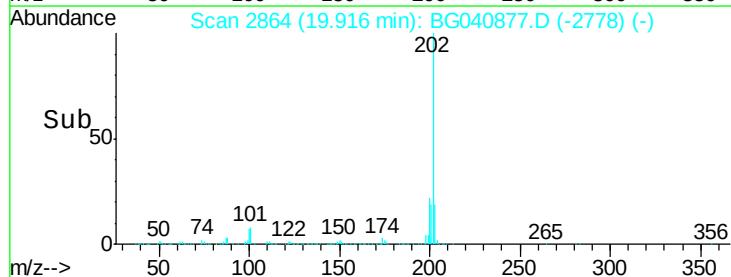
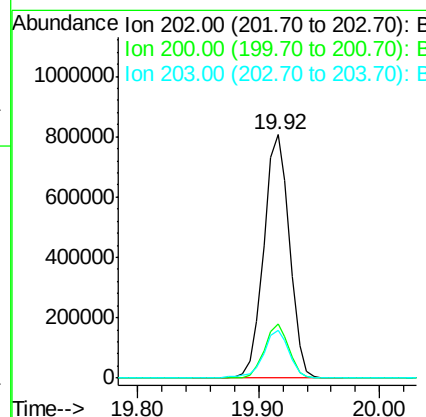
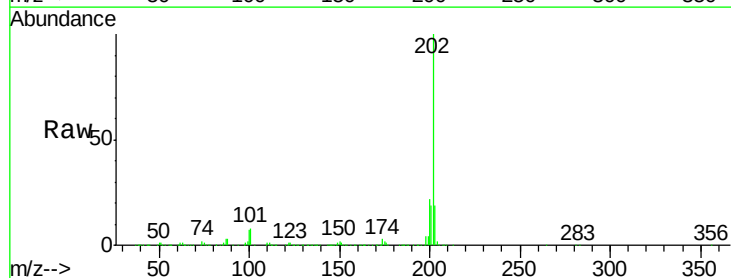
RT: 19.92 min Scan# 2864

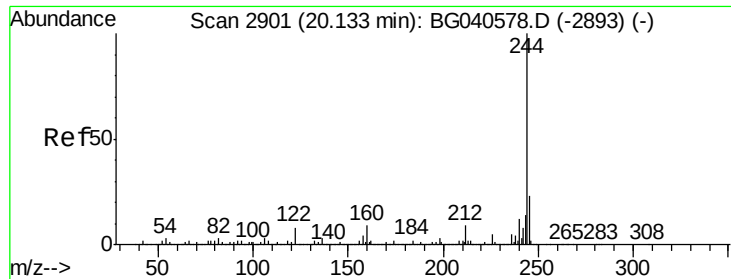
Delta R.T. -0.02 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt Ion:	202	Resp:	1192583
Ion Ratio		Lower	Upper
202	100		
200	22.1	17.2	25.8
203	19.4	15.0	22.4





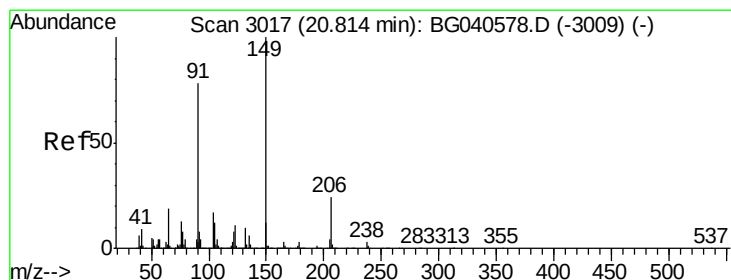
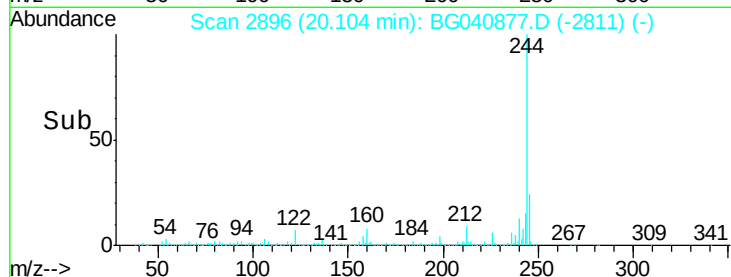
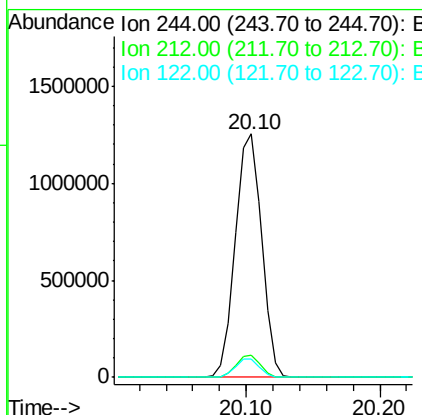
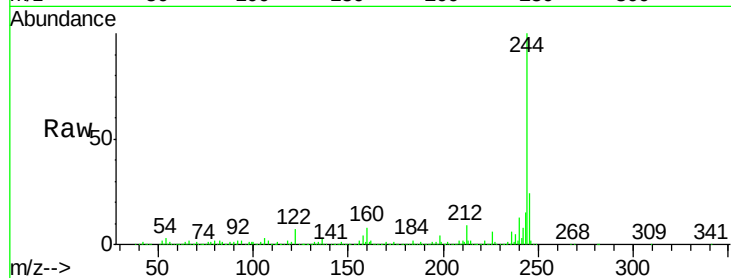
#79
 Terphenyl-d14
 Concen: 82.242 ng
 RT: 20.10 min Scan# 2896
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	7.4	6.6	10.0

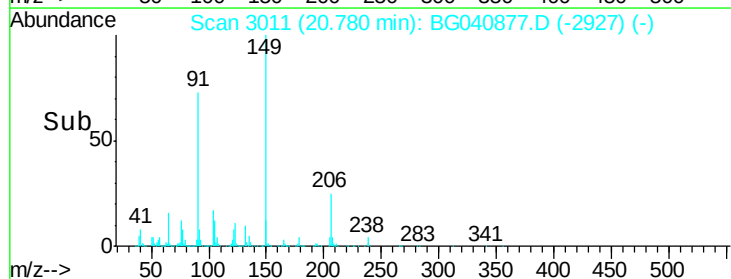
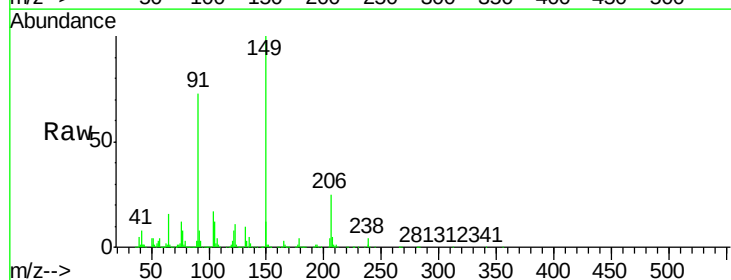
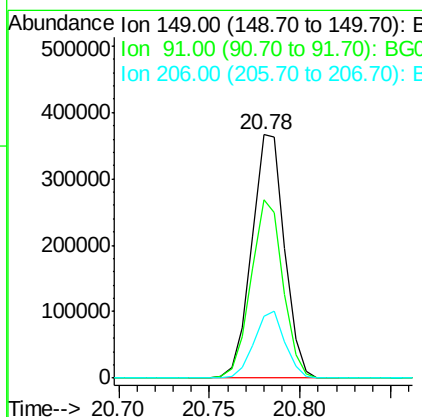
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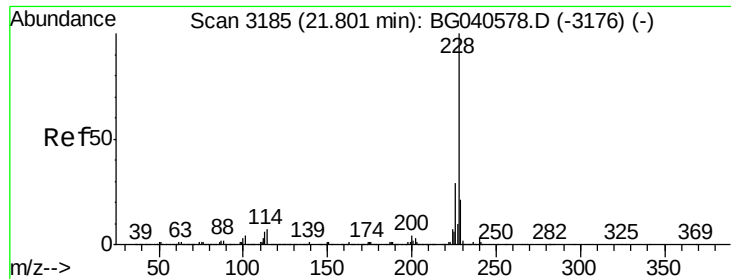
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#80
 Butylbenzylphthalate
 Concen: 40.547 ng
 RT: 20.78 min Scan# 3011
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.0	62.6	93.8
206	25.2	19.4	29.2





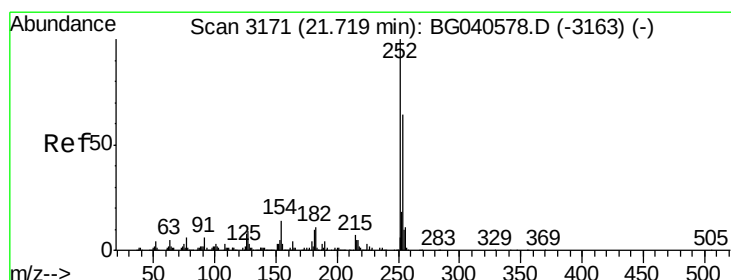
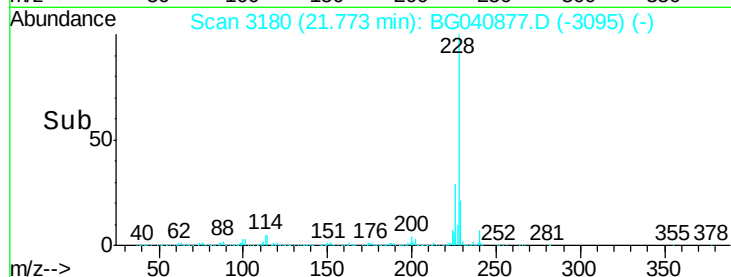
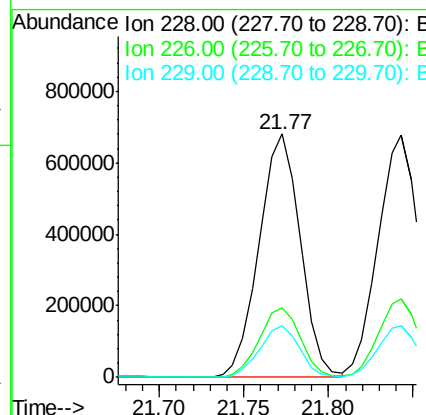
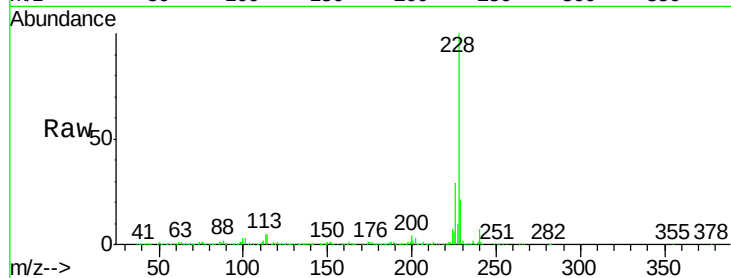
#81
Benzo(a)anthracene
Concen: 39.522 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.1	34.7
229	21.4	17.0	25.4

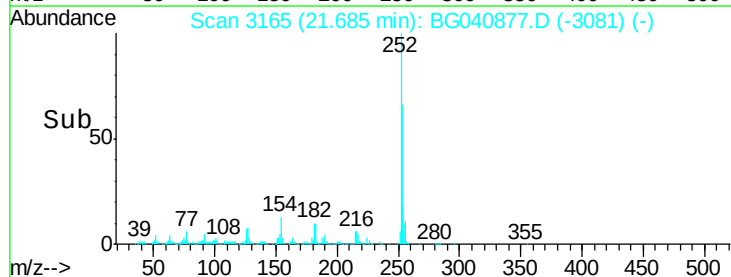
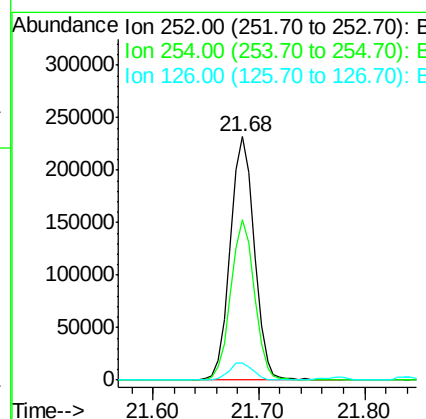
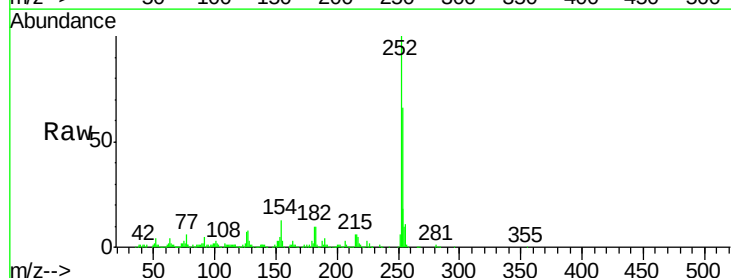
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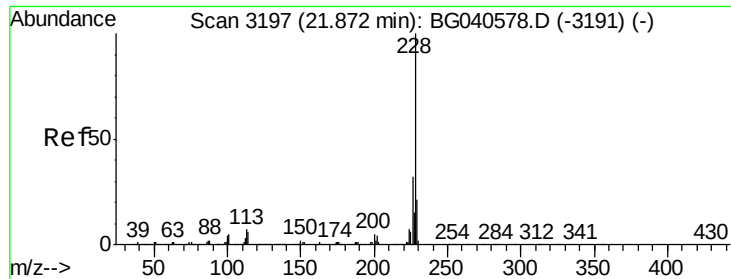
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#82
3,3'-Dichlorobenzidine
Concen: 35.104 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.2	76.8
126	7.3	6.6	10.0





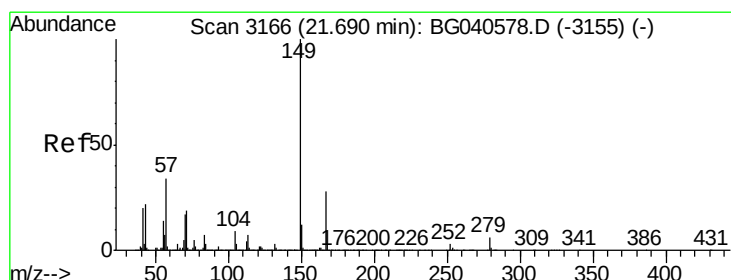
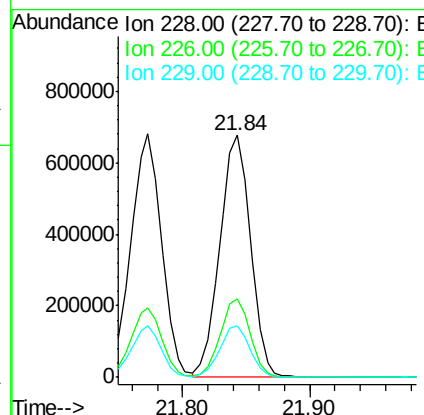
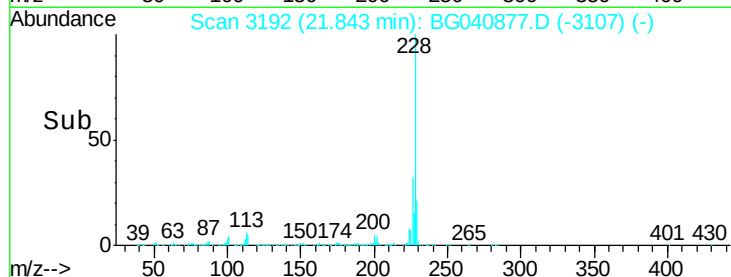
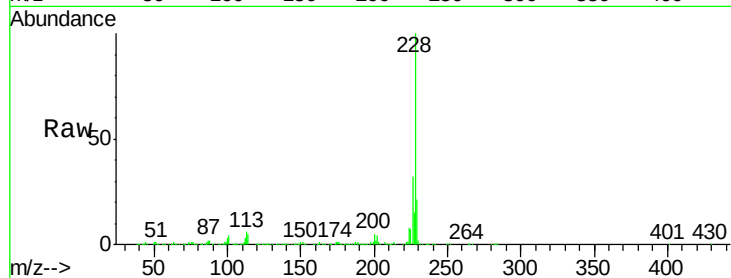
#83
 Chrysene
 Concen: 40.869 ng
 RT: 21.84 min Scan# 3192
 Delta R.T. -0.03 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 PB119645BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	21.4	16.8	25.2

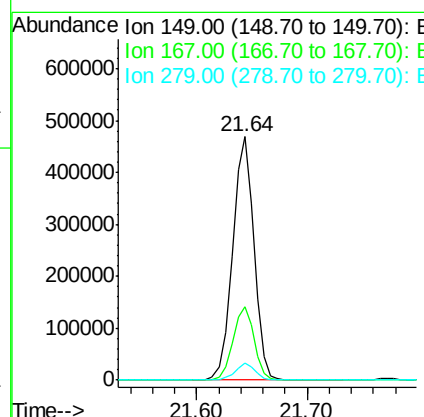
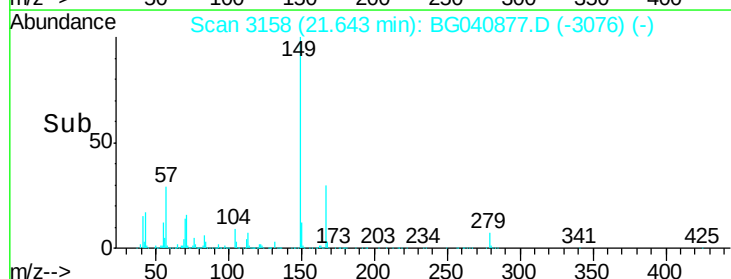
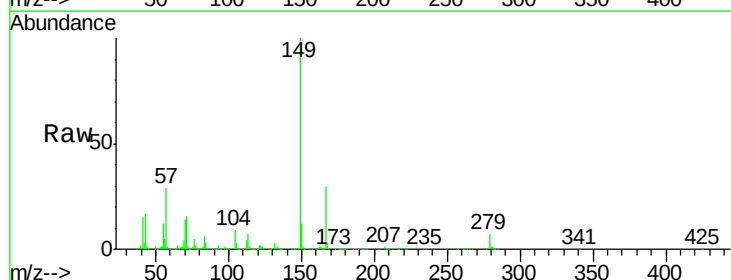
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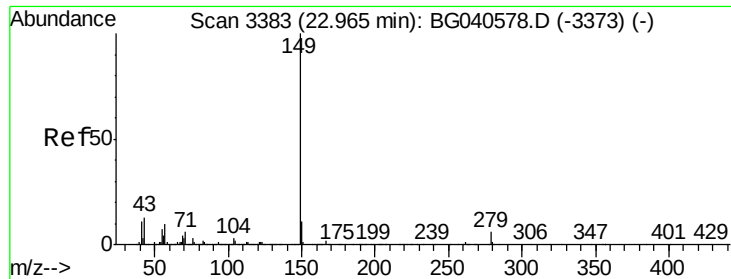
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.692 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.05 min
 Lab File: BG040877.D
 Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.4	33.6
279	6.9	4.6	6.8





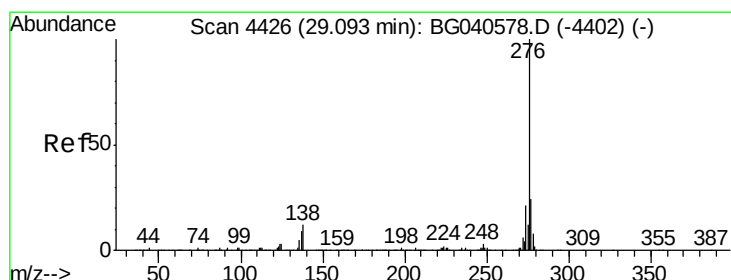
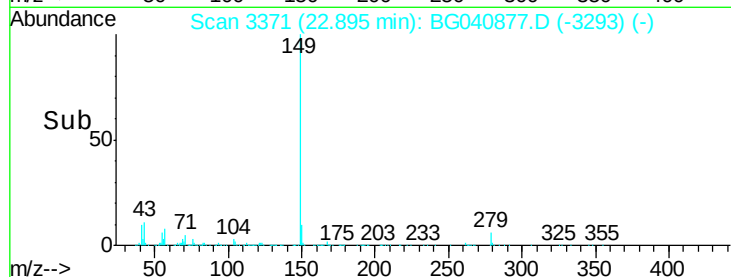
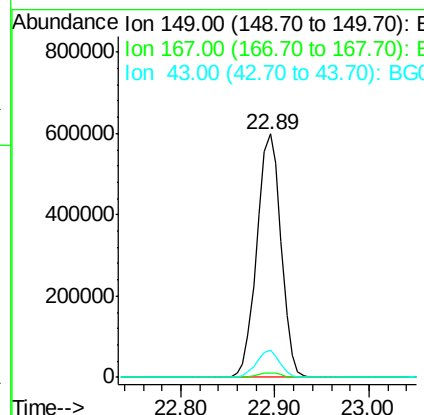
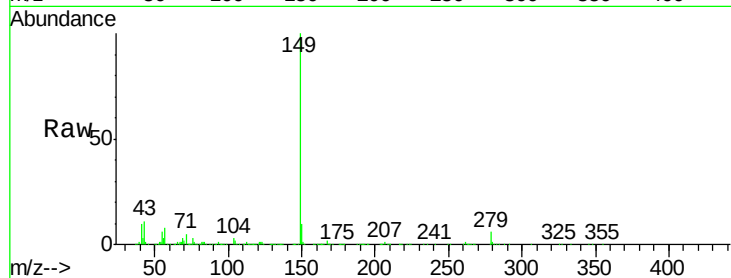
#85
Di-n-octyl phthalate
Concen: 38.763 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.07 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	10.6	10.2	15.2

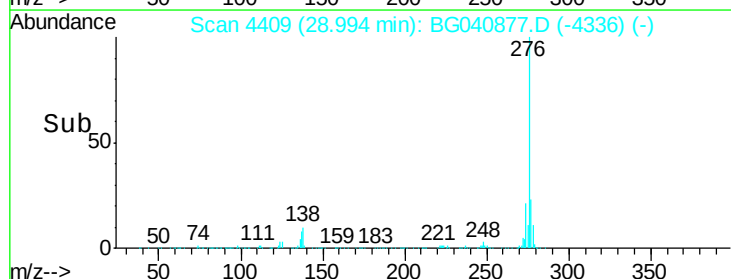
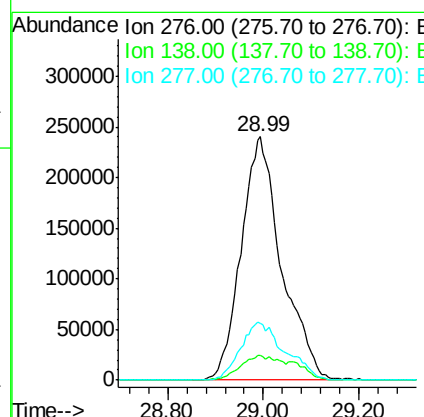
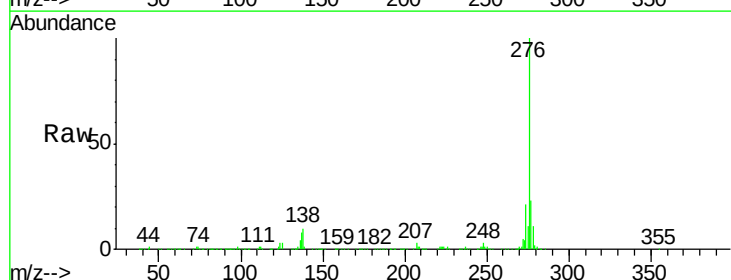
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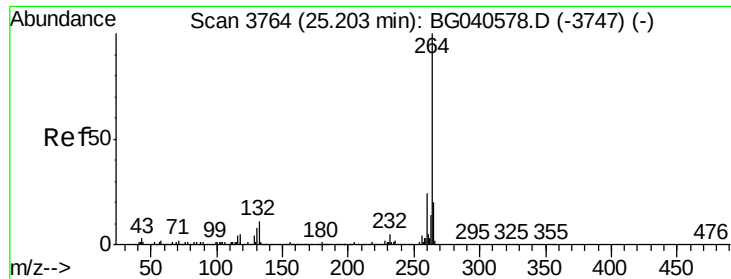
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.695 ng
RT: 28.99 min Scan# 4409
Delta R.T. -0.10 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.8	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: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

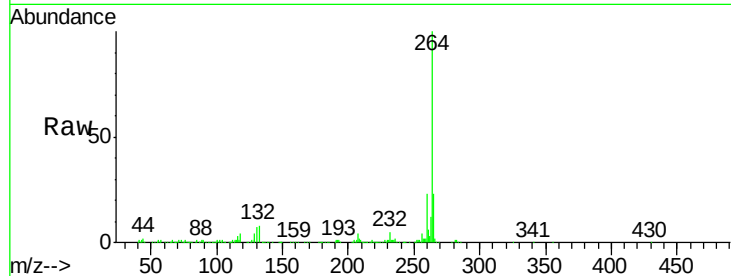
ClientSampleId :

PB119645BS

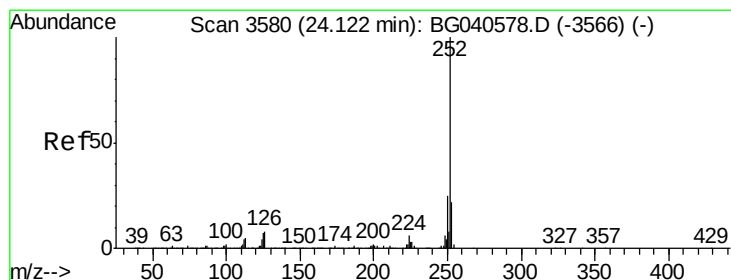
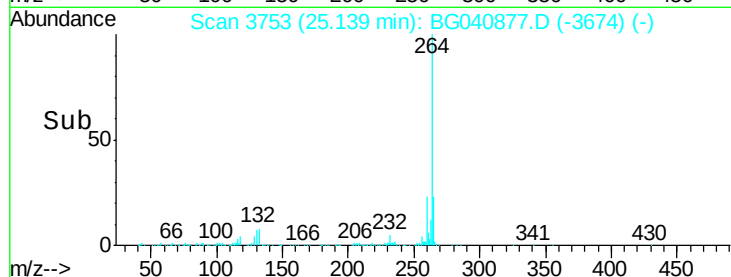
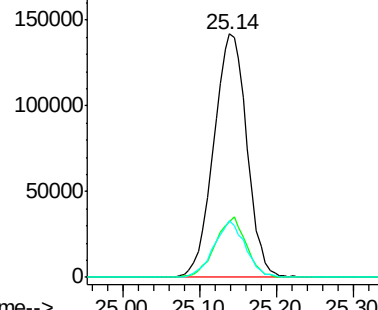
Tgt	Ion	264	Resp:	427656
	Ratio	100	Lower	Upper
	264	100		
	260	22.9	19.2	28.8
	265	23.3	16.6	25.0

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



#88

Benzo(b)fluoranthene

Concen: 46.113 ng

RT: 24.07 min Scan# 3571

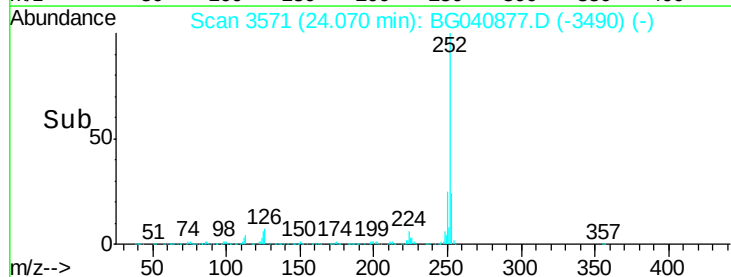
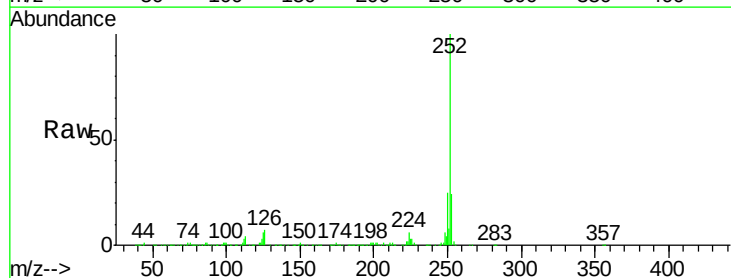
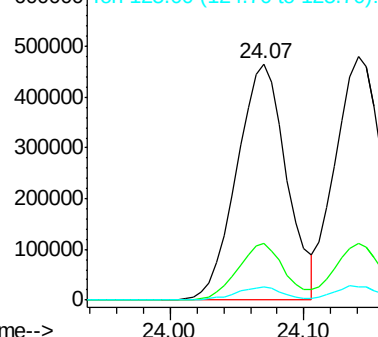
Delta R.T. -0.05 min

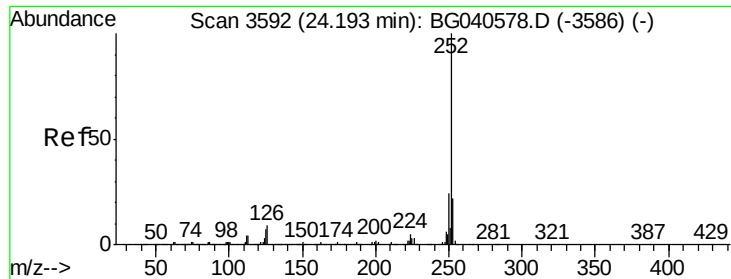
Lab File: BG040877.D

Acq: 11 May 2019 17:19

Tgt	Ion	252	Resp:	1205103
	Ratio	100	Lower	Upper
	252	100		
	253	24.0	17.6	26.4
	125	5.7	5.4	8.0

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





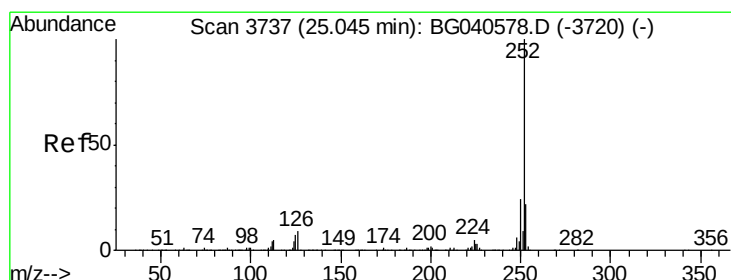
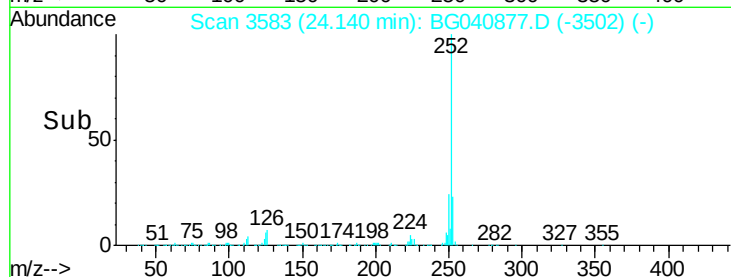
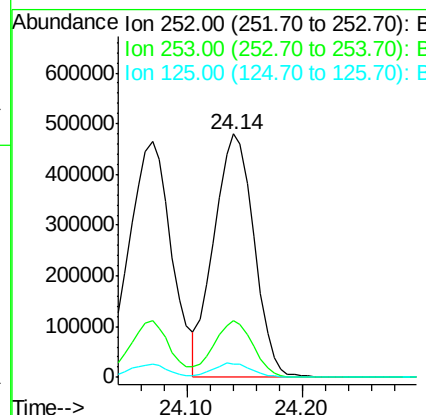
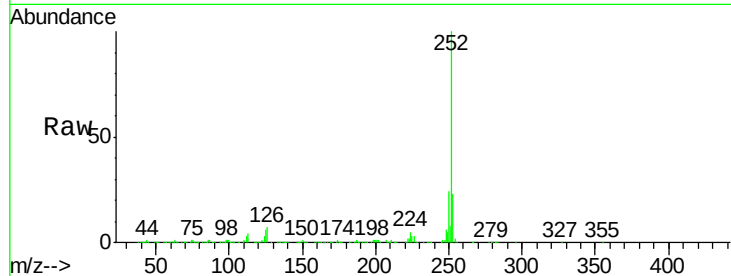
#89
Benzo(k)fluoranthene
Concen: 47.219 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.05 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB119645BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	5.7	5.5	8.3

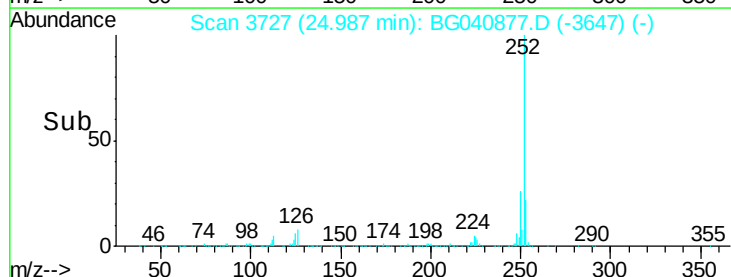
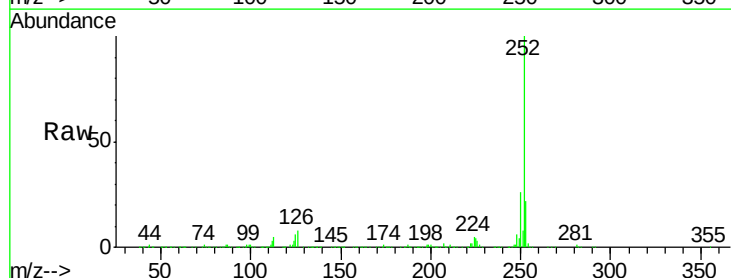
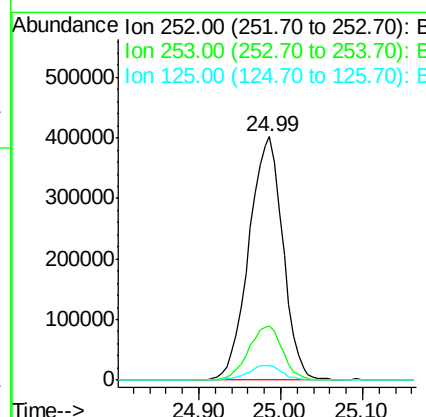
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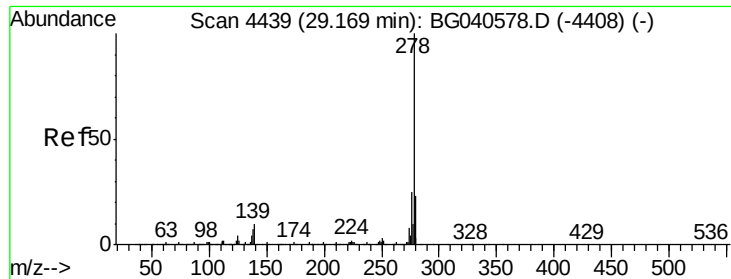
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#90
Benzo(a)pyrene
Concen: 46.925 ng
RT: 24.99 min Scan# 3727
Delta R.T. -0.06 min
Lab File: BG040877.D
Acq: 11 May 2019 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	6.1	5.7	8.5





#91

Dibenzo(a,h)anthracene

Concen: 46.312 ng

RT: 29.07 min Scan# 4422

Delta R.T. -0.10 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

Instrument :

BNA_G

ClientSampleId :

PB119645BS

Tgt Ion:278 Resp: 1159342

Ion Ratio Lower Upper

278 100

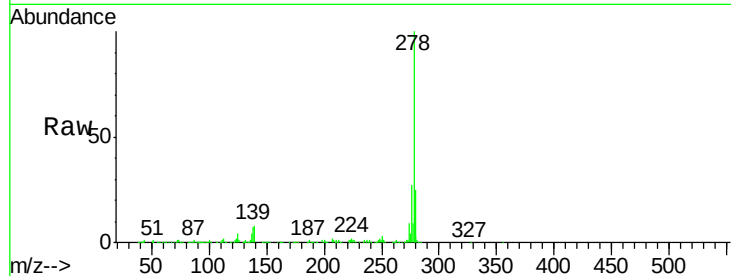
139 7.8 8.2 12.4#

279 24.7 18.5 27.7

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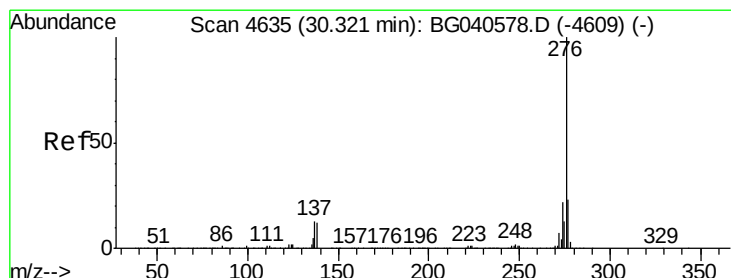
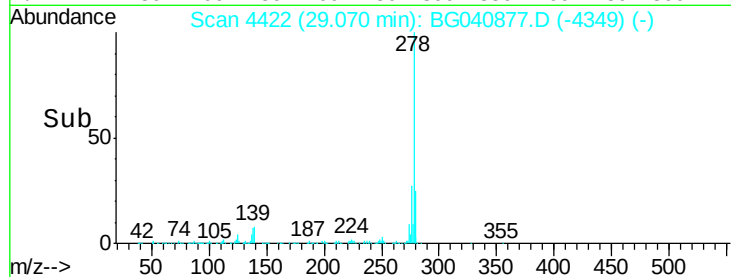
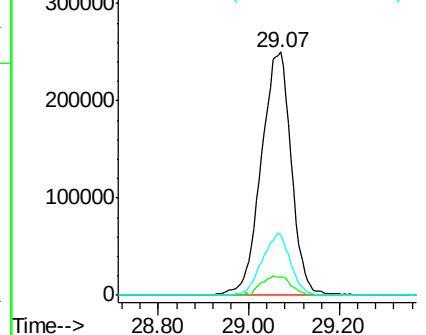
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.185 ng

RT: 30.20 min Scan# 4615

Delta R.T. -0.12 min

Lab File: BG040877.D

Acq: 11 May 2019 17:19

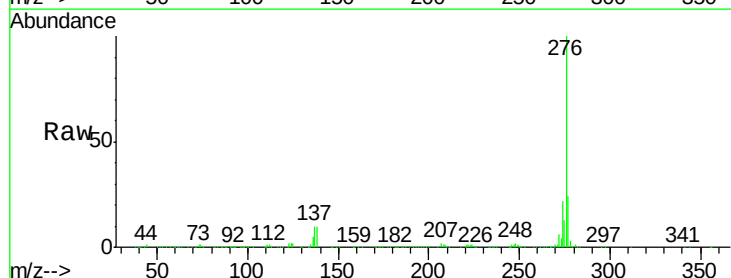
Tgt Ion:276 Resp: 1175578

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 10.2 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

