

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039211.D
 Acq On : 18 Jan 2019 9:02
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040EC

Manual Integrations
 APPROVED

Sohil
 1/18/2019 11:24:20 AM

Quant Time: Jan 18 10:35:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27572	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	121793	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	81988	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	206032	20.00	ng	0.00
76) Chrysene-d12	21.68	240	213232	20.00	ng	0.00
87) Perylene-d12	24.95	264	232906	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	105558	72.63	ng	0.00
7) Phenol-d6	7.18	99	161982	77.44	ng	0.00
23) Nitrobenzene-d5	9.19	82	165145	74.20	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	109936	79.99	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	465187	77.65	ng	0.00
79) Terphenyl-d14	20.01	244	850233	73.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	18984	33.353	ng	98
3) Pyridine	3.85	79	65515	42.361	ng	97
4) n-Nitrosodimethylamine	3.77	42	29369	42.200	ng	99
6) Aniline	7.34	93	91169	36.292	ng	100
8) 2-Chlorophenol	7.58	128	63101	36.829	ng	97
9) Benzaldehyde	7.16	77	42767	35.453	ng	92
10) Phenol	7.20	94	80593	38.430	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	58219	36.323	ng	97
12) 1,3-Dichlorobenzene	7.90	146	75299	36.681	ng	96
13) 1,4-Dichlorobenzene	8.05	146	76603	36.846	ng	98
14) 1,2-Dichlorobenzene	8.37	146	73810	37.236	ng	99
15) Benzyl Alcohol	8.26	79	63463	40.288	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	118404	38.525	ng	98
17) 2-Methylphenol	8.46	107	55013	37.779	ng	96
18) Hexachloroethane	9.09	117	26590	37.647	ng	92
19) n-Nitroso-di-n-propylamine	8.82	70	52535	38.247	ng	# 98
20) 3+4-Methylphenols	8.79	107	80080	38.571	ng	99
22) Acetophenone	8.85	105	112487	35.366	ng	# 98
24) Nitrobenzene	9.24	77	83237	36.998	ng	99
25) Isophorone	9.75	82	155686	40.607	ng	99
26) 2-Nitrophenol	9.95	139	50653	41.626	ng	96
27) 2,4-Dimethylphenol	9.99	122	67027	39.152	ng	88
28) bis(2-Chloroethoxy)methane	10.23	93	93797	40.706	ng	98
29) 2,4-Dichlorophenol	10.48	162	85472	40.187	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	97638	38.207	ng	96
31) Naphthalene	10.88	128	227778	37.289	ng	99
32) Benzoic acid	10.16	122	15123	20.983	ng	95
33) 4-Chloroaniline	11.00	127	106957	39.131	ng	98
34) Hexachlorobutadiene	11.14	225	66508	37.823	ng	99
35) Caprolactam	11.80	113	32462	38.062	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	89697	39.431	ng	89
37) 2-Methylnaphthalene	12.48	142	176355	38.508	ng	98
38) 1-Methylnaphthalene	12.70	142	168256	38.276	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	121837	39.569	ng	100

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 ALS Vial : 27 Sample Multiplier: 1

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 BNA_G
 ClientSampleId :
 SSTDCCC040EC

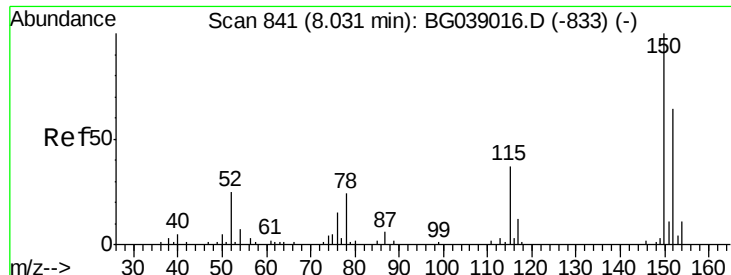
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	51194	33.139	ng	100
43) 2,4,6-Trichlorophenol	13.10	196	77729	40.109	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	79933	39.026	ng	97
46) 1,1'-Biphenyl	13.49	154	259310	39.915	ng	98
47) 2-Chloronaphthalene	13.54	162	205368	39.064	ng	99
48) 2-Nitroaniline	13.75	65	60536	41.102	ng	94
49) Acenaphthylene	14.38	152	304461	38.530	ng	98
50) Dimethylphthalate	14.11	163	260757	37.636	ng	99
51) 2,6-Dinitrotoluene	14.25	165	59235	38.241	ng	95
52) Acenaphthene	14.72	154	183783	38.711	ng	96
53) 3-Nitroaniline	14.58	138	58146	37.003	ng	# 97
54) 2,4-Dinitrophenol	14.79	184	15010m	20.503	ng	
55) Dibenzofuran	15.06	168	334578	39.902	ng	99
56) 4-Nitrophenol	14.89	139	39907	35.296	ng	98
57) 2,4-Dinitrotoluene	15.03	165	86356	38.859	ng	# 97
58) Fluorene	15.70	166	250184	39.640	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	78716	40.713	ng	98
60) Diethylphthalate	15.46	149	278737	39.048	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	161800	40.691	ng	98
62) 4-Nitroaniline	15.75	138	61747	37.721	ng	94
63) Azobenzene	15.98	77	226537	40.581	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	45435	29.766	ng	99
66) n-Nitrosodiphenylamine	15.91	169	249912	40.917	ng	96
67) 4-Bromophenyl-phenylether	16.59	248	107630	40.639	ng	96
68) Hexachlorobenzene	16.70	284	113926	39.421	ng	97
69) Atrazine	16.86	200	99093	38.191	ng	97
70) Pentachlorophenol	17.06	266	50711	32.141	ng	94
71) Phenanthrene	17.45	178	413698	37.988	ng	98
72) Anthracene	17.54	178	409000	37.985	ng	99
73) Carbazole	17.82	167	395831	37.239	ng	98
74) Di-n-butylphthalate	18.34	149	434162	36.716	ng	99
75) Fluoranthene	19.46	202	506237	37.498	ng	99
77) Benzidine	19.64	184	193151	29.616	ng	99
78) Pyrene	19.82	202	511896	37.670	ng	99
80) Butylbenzylphthalate	20.69	149	195227	37.773	ng	100
81) Benzo(a)anthracene	21.66	228	495126	38.144	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	200883	37.982	ng	97
83) Chrysene	21.73	228	467817	37.893	ng	100
84) Bis(2-ethylhexyl)phthalate	21.53	149	277083	38.610	ng	96
85) Di-n-octyl phthalate	22.74	149	456631	37.630	ng	99
86) Indeno(1,2,3-cd)pyrene	28.69	276	575025	38.980	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	500714	38.989	ng	98
89) Benzo(k)fluoranthene	23.97	252	482494	37.999	ng	98
90) Benzo(a)pyrene	24.79	252	477532	38.470	ng	98
91) Dibenzo(a,h)anthracene	28.75	278	477550	38.677	ng	99
92) Benzo(g,h,i)perylene	29.87	276	471526	38.576	ng	99

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



#1

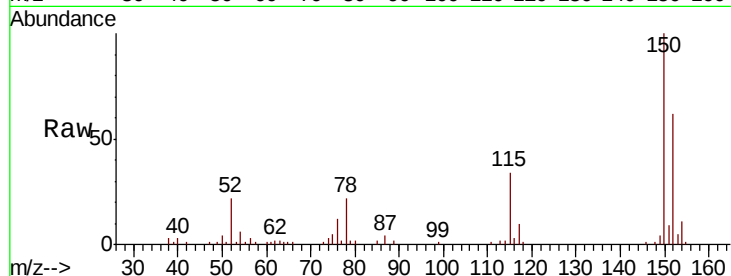
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.7	187.1
115	54.7	46.5	69.7

Manual Integrations
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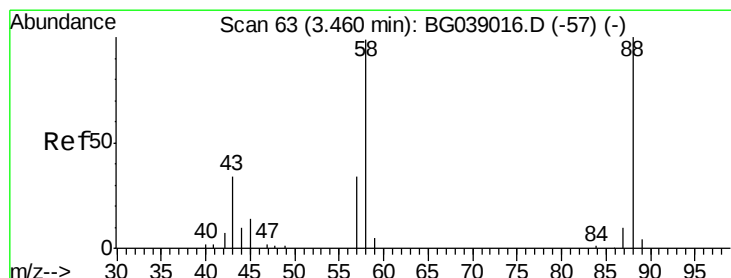
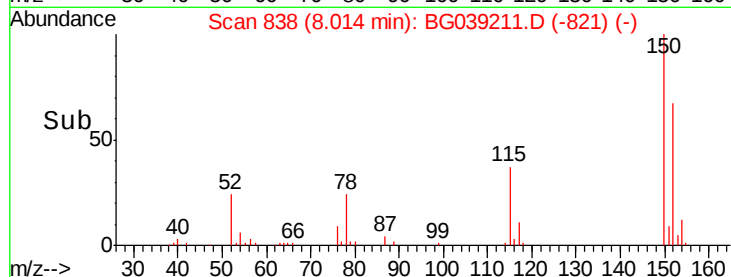
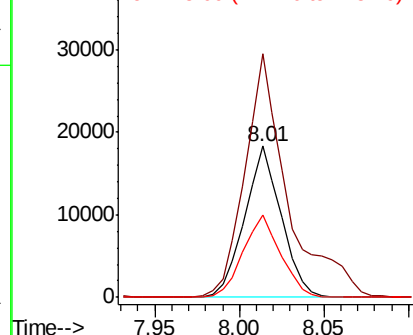


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

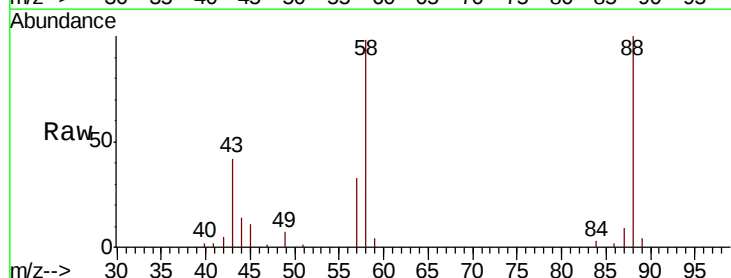
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.353 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.9	72.4	108.6
43	38.0	27.6	41.4

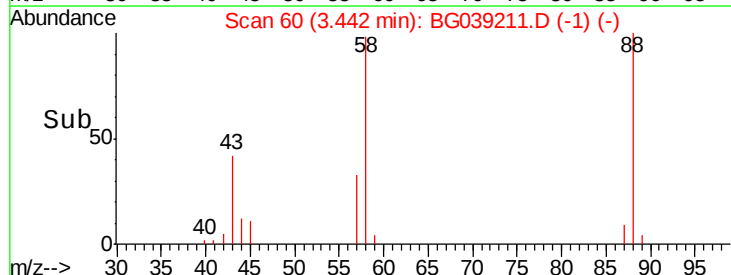
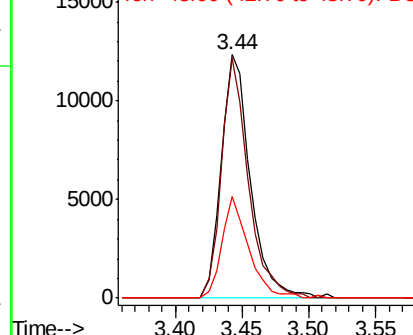


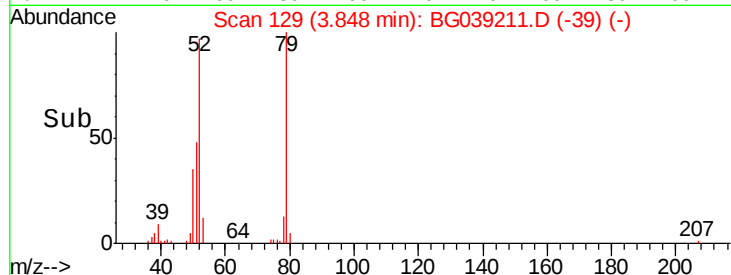
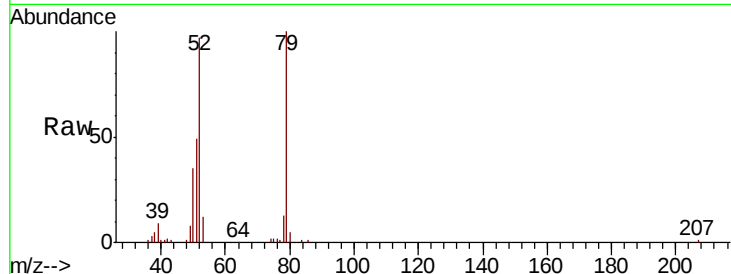
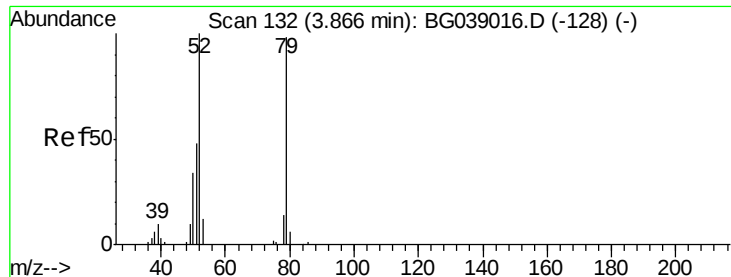
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





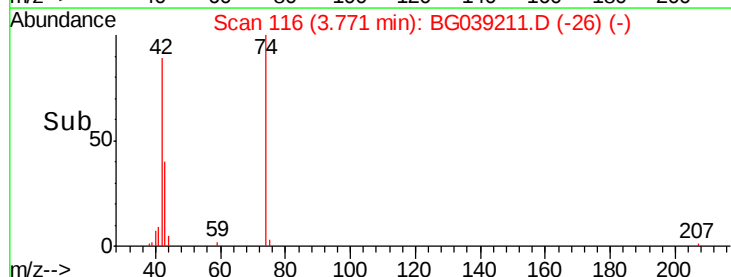
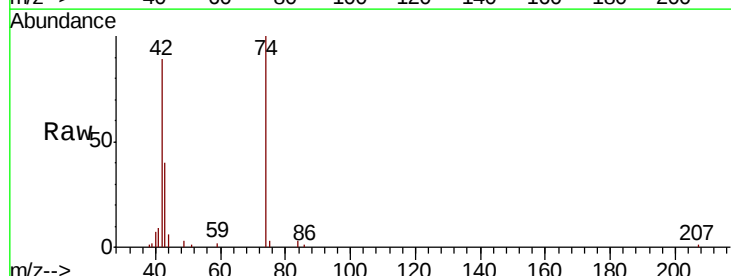
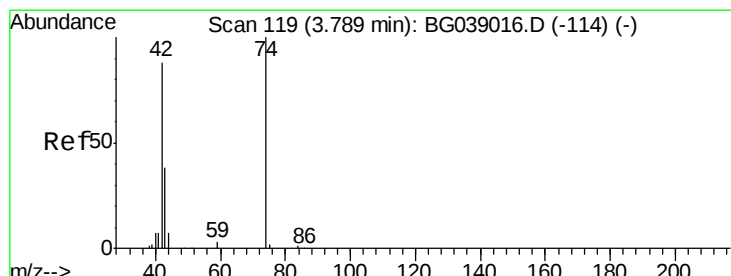
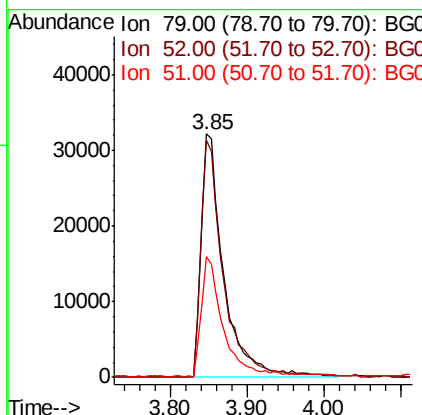
#3
Pvridine
Concen: 42.361 ng
RT: 3.85 min Scan# 129
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tot Ion	Ratio	Lower	Upper
79	100		
52	97.2	81.5	122.3
51	49.4	39.8	59.6

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

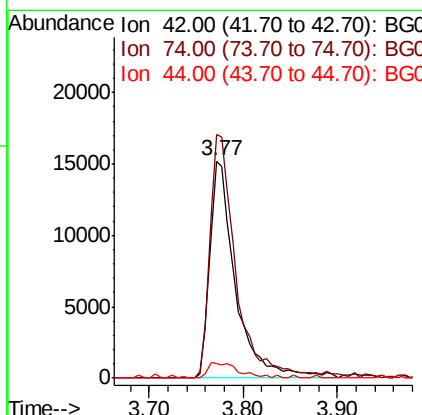
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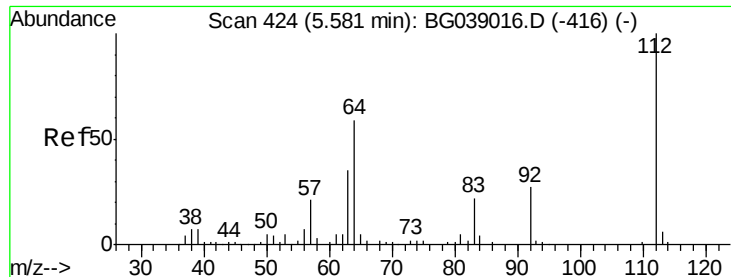
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#4
n-Nitrosodimethylamine
Concen: 42.200 ng
RT: 3.77 min Scan# 116
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.2	90.7	136.1
44	6.9	6.5	9.7





#5

2-Fluorophenol

Concen: 72.625 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

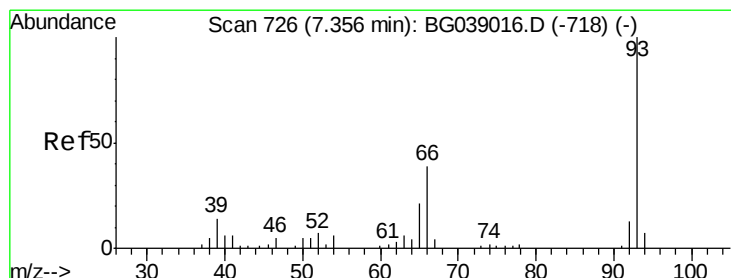
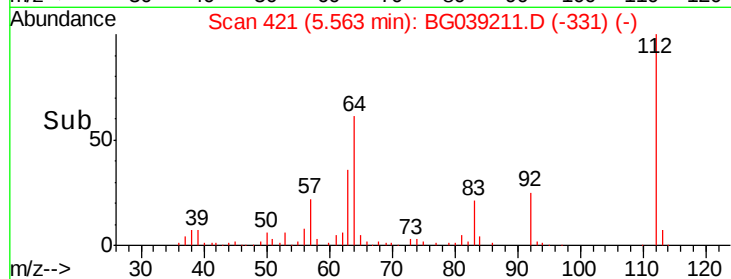
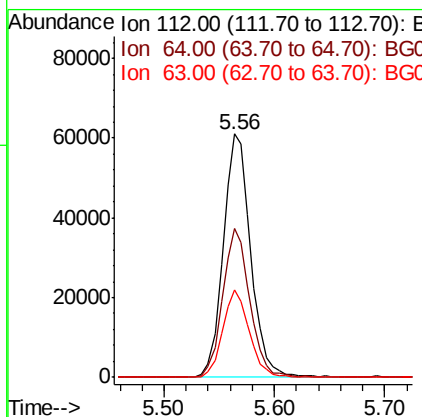
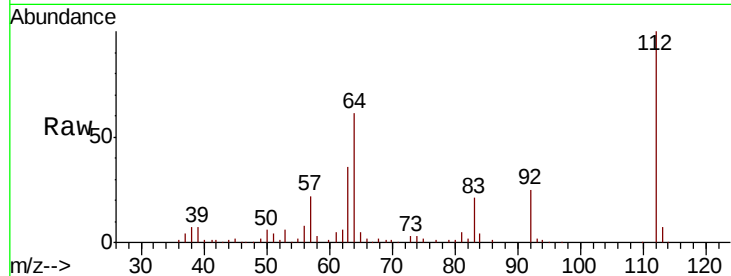
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	105558
Ion Ratio	Lower	Upper	
112	100		
64	61.2	47.0	70.6
63	35.9	28.0	42.0

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#6

Aniline

Concen: 36.292 ng

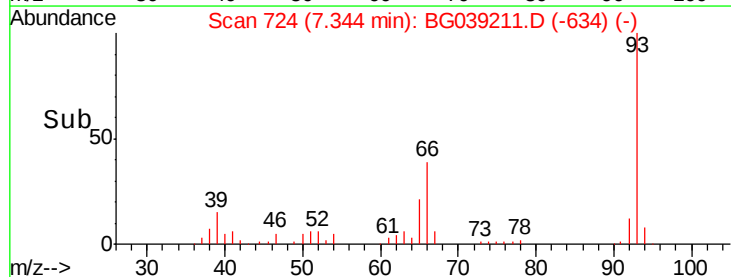
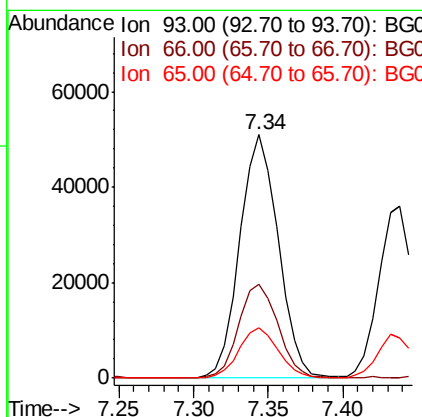
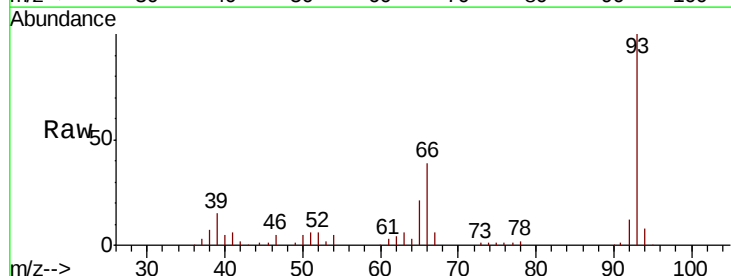
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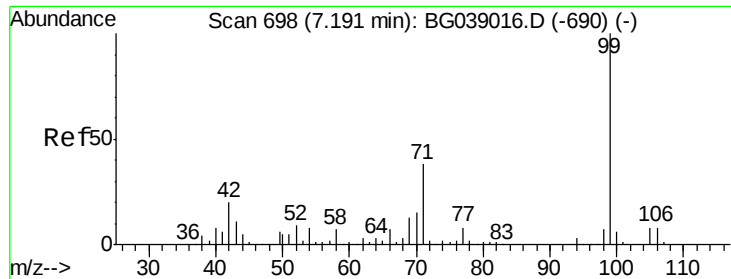
Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:	93	Resp:	91169
Ion Ratio	Lower	Upper	
93	100		
66	38.6	30.9	46.3
65	20.9	17.0	25.4





#7

Phenol-d6

Concen: 77.439 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

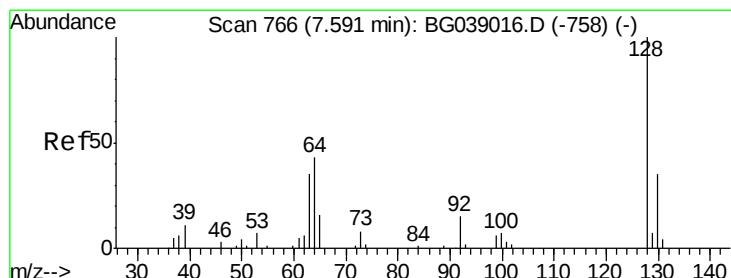
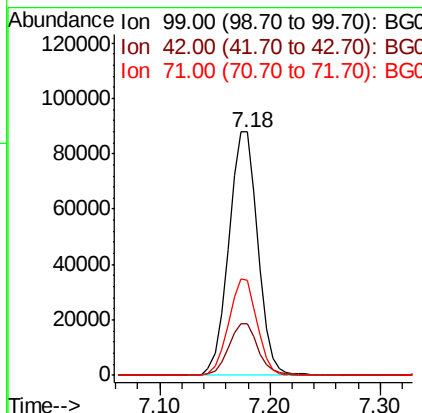
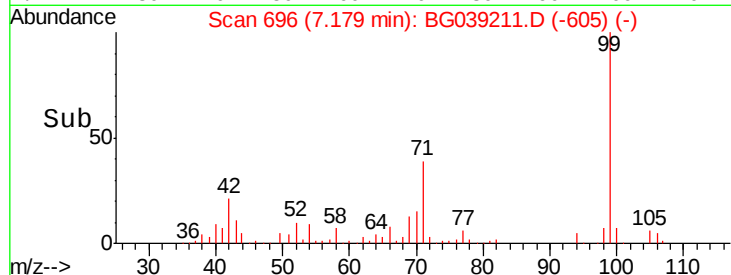
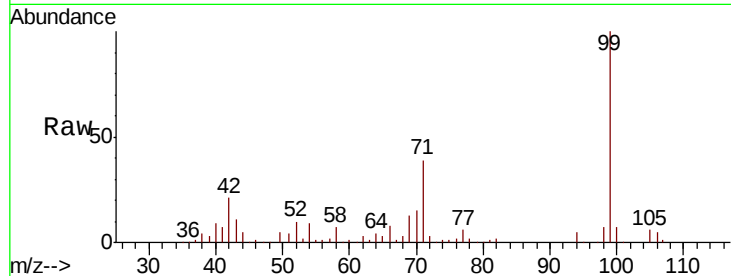
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	161982
Ion Ratio	Lower	Upper	
99	100		
42	21.4	15.8	23.6
71	39.0	30.2	45.4

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#8

2-Chlorophenol

Concen: 36.829 ng

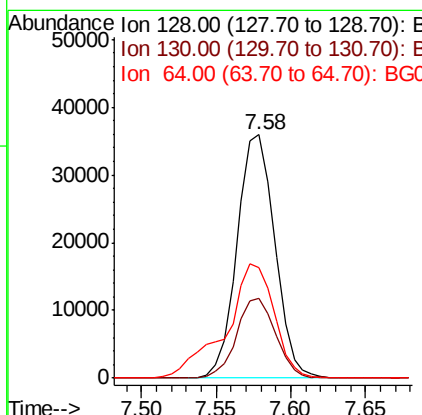
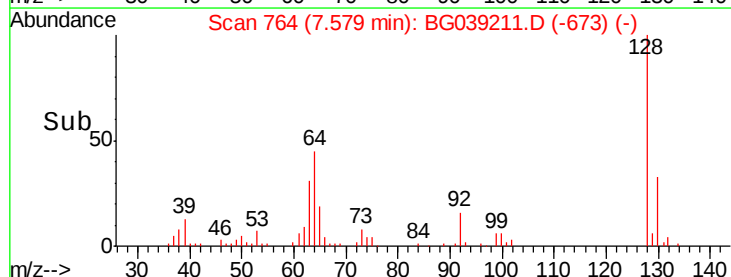
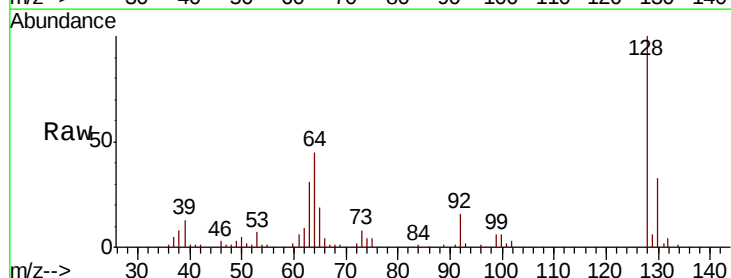
RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:	128	Resp:	63101
Ion Ratio	Lower	Upper	
128	100		
130	32.5	14.5	54.5
64	45.3	27.3	67.3





#9

Benzaldehyde

Concen: 35.453 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

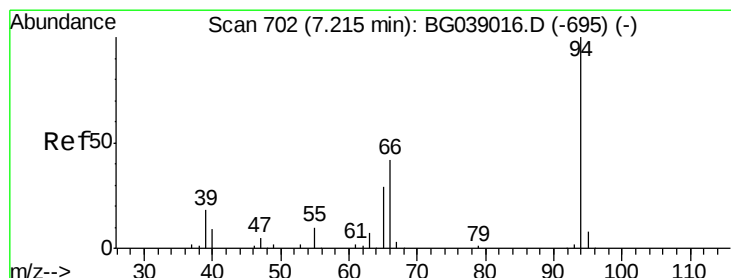
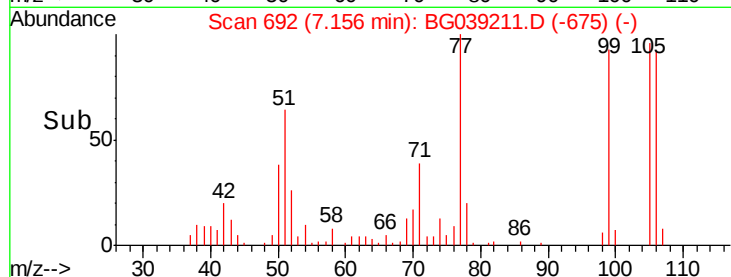
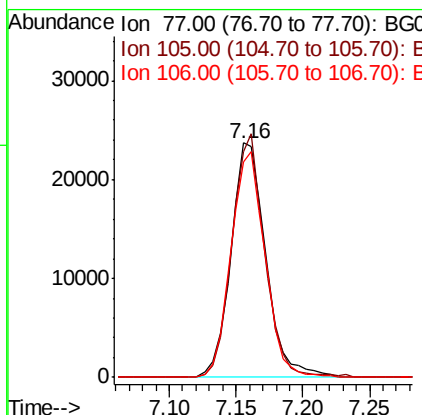
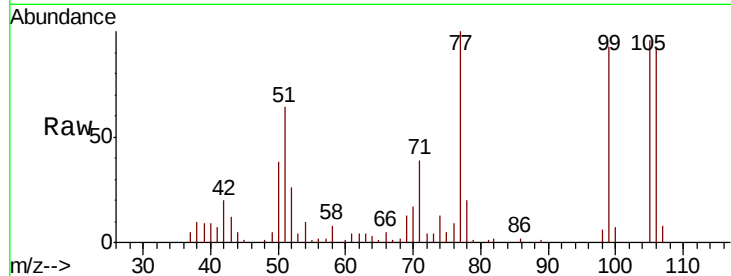
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	42767
Ion	Ratio	Lower	Upper
77	100		
105	96.5	82.4	122.4
106	92.3	82.8	122.8

Manual Integrations
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#10

Phenol

Concen: 38.430 ng

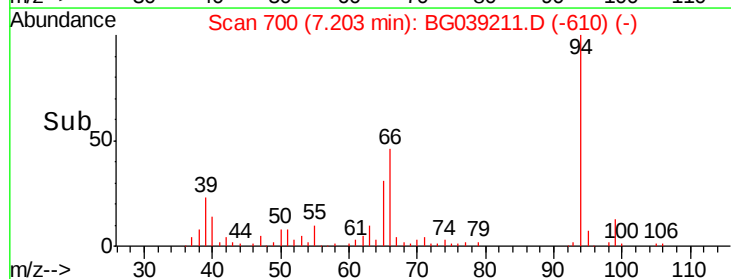
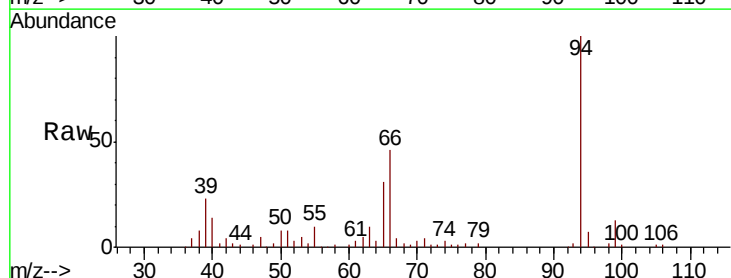
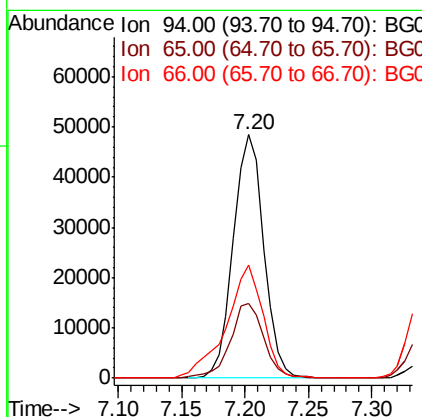
RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:	94	Resp:	80593
Ion	Ratio	Lower	Upper
94	100		
65	30.8	10.3	50.3
66	46.4	25.1	65.1





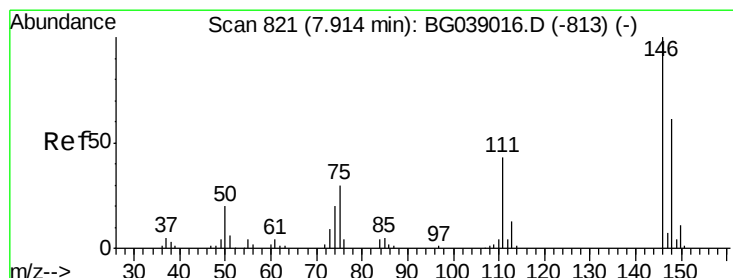
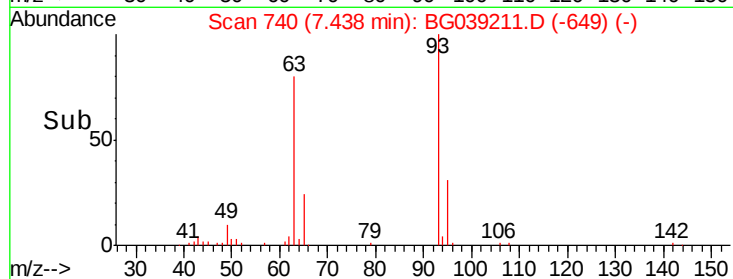
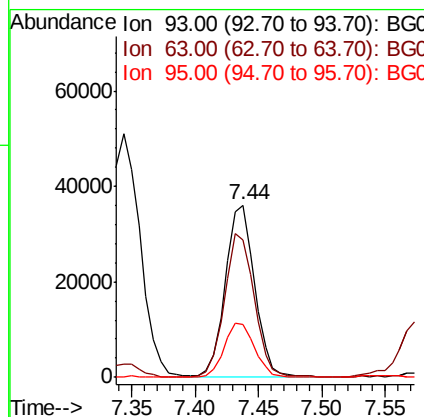
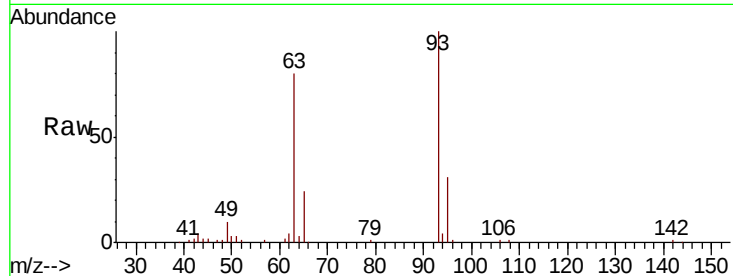
#11
bis(2-Chloroethyl)ether
Concen: 36.323 ng
RT: 7.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.6	63.2	103.2
95	31.0	11.2	51.2

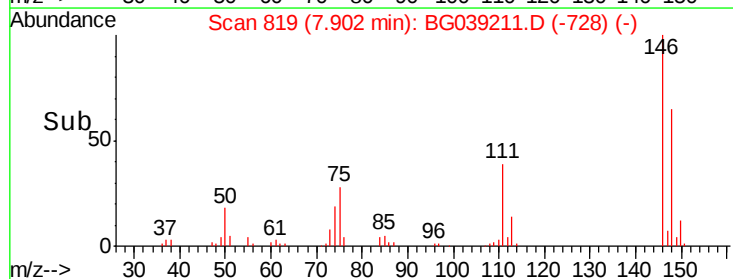
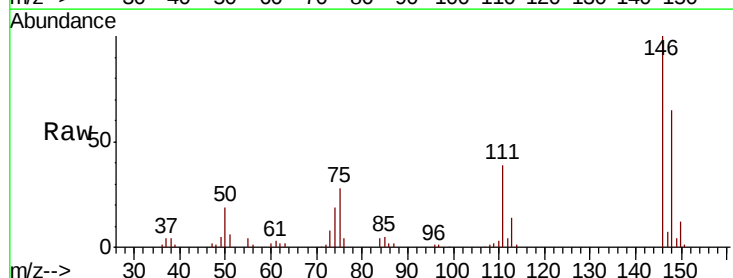
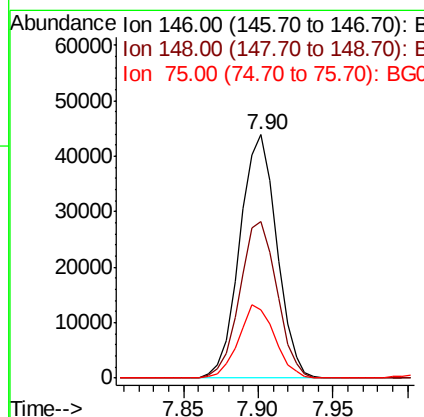
Manual Integrations
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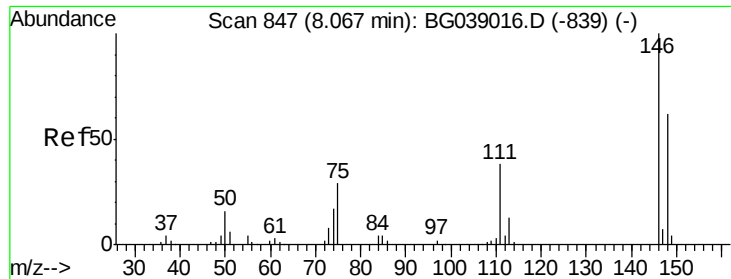
Sohil
1/18/2019 11:24:20 AM



#12
1,3-Dichlorobenzene
Concen: 36.681 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.1	73.7
75	28.3	23.9	35.9





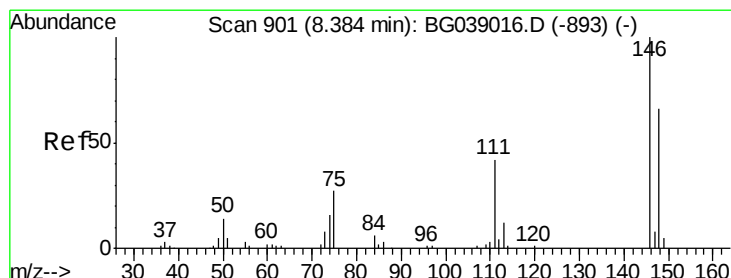
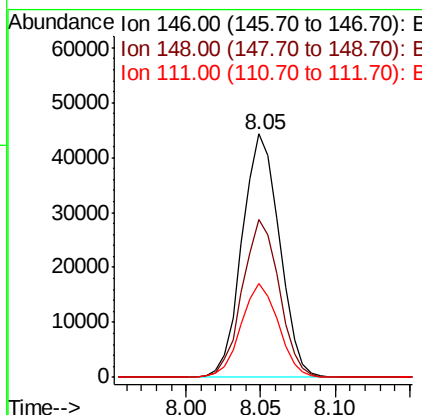
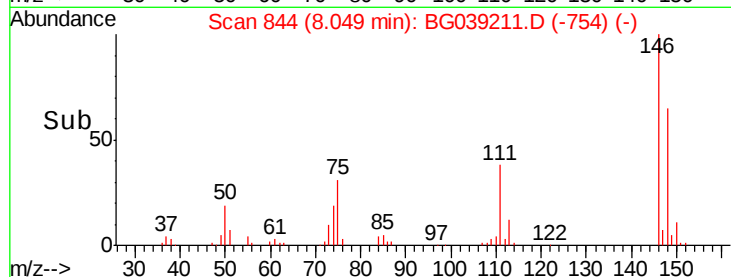
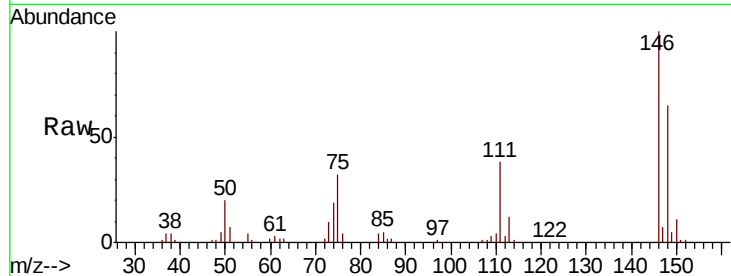
#13
1,4-Dichlorobenzene
Concen: 36.846 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.8	74.6
111	38.4	30.6	45.8

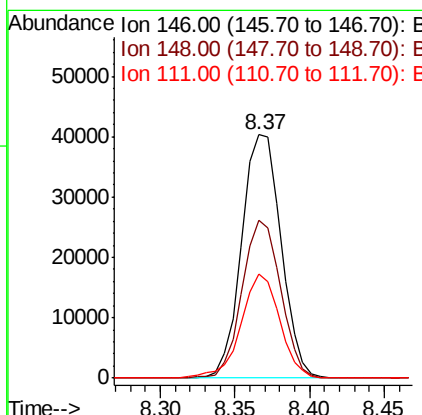
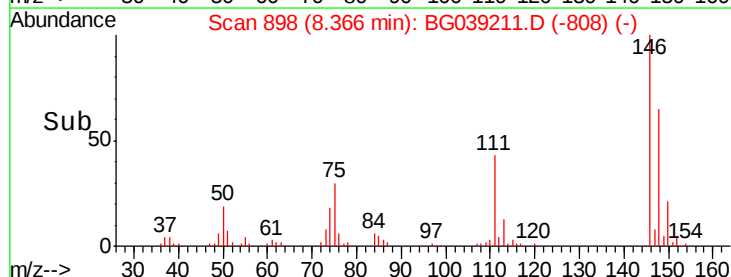
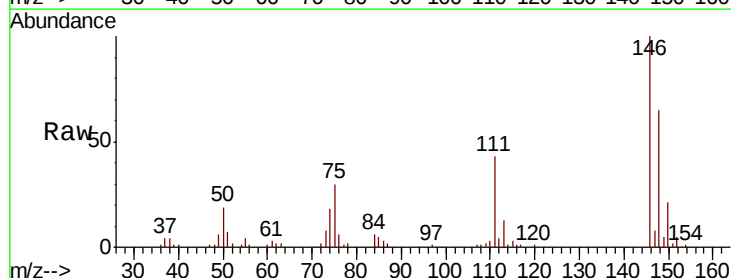
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#14
1,2-Dichlorobenzene
Concen: 37.236 ng
RT: 8.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.6	79.0
111	42.8	34.6	51.8





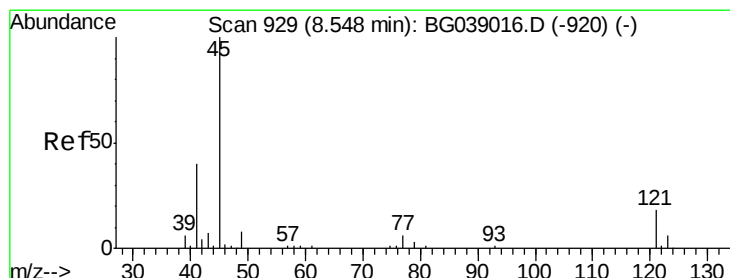
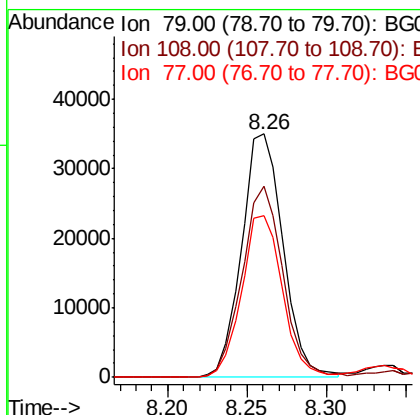
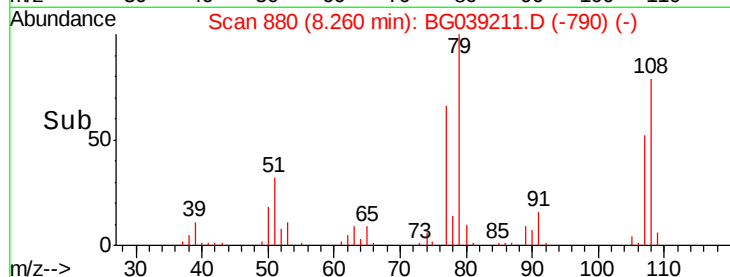
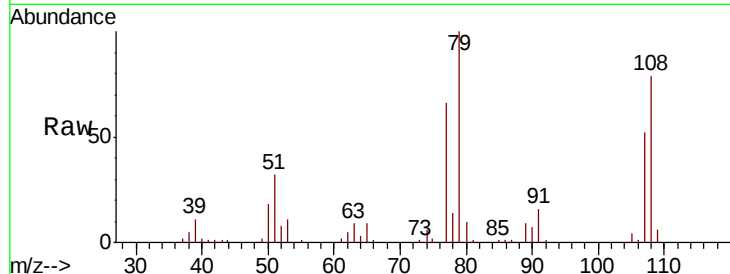
#15
Benzyl Alcohol
Concen: 40.288 ng
RT: 8.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	62.0	93.0
77	66.4	50.1	75.1

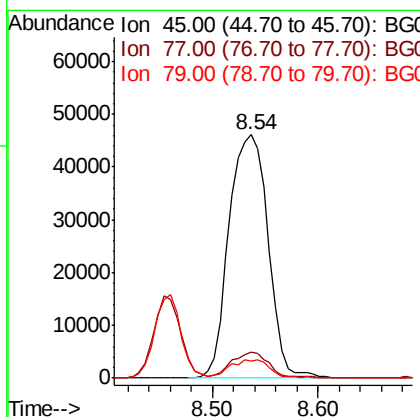
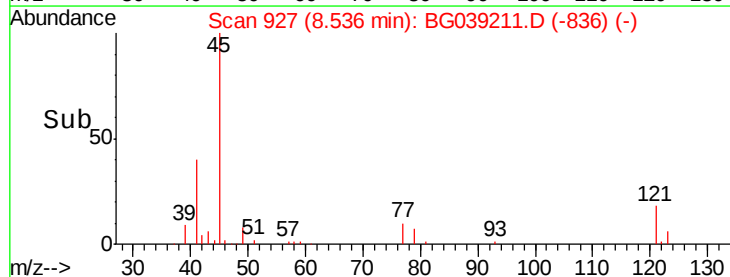
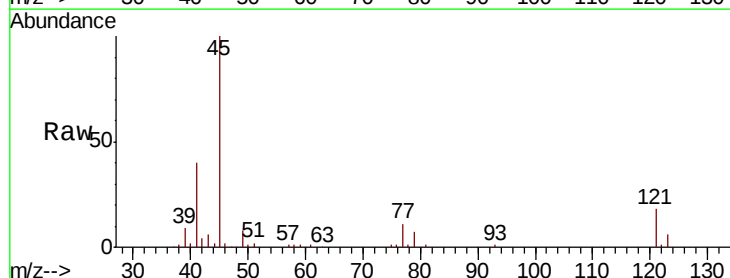
Manual Integrations
APPROVED

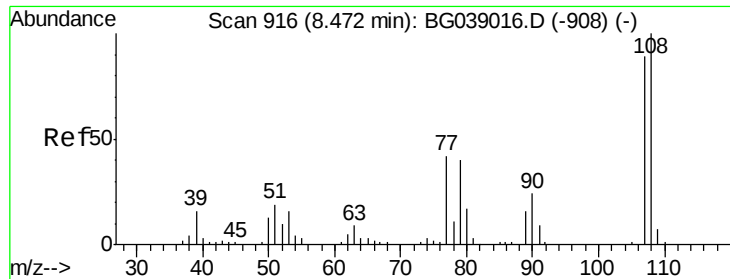
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.525 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.5	0.0	30.7
79	6.8	0.0	28.5





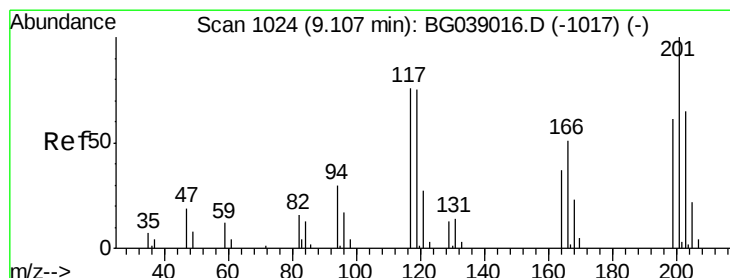
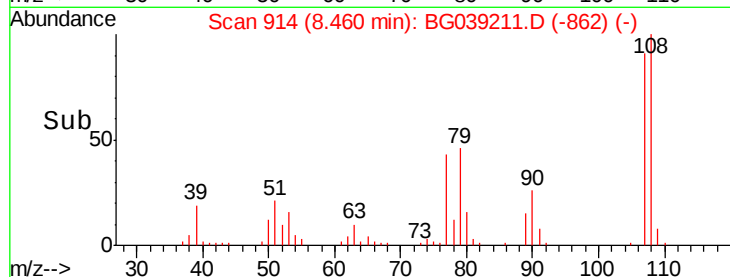
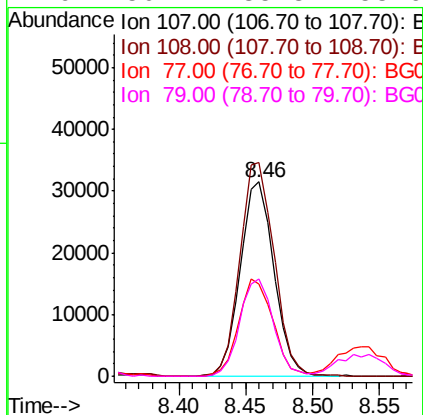
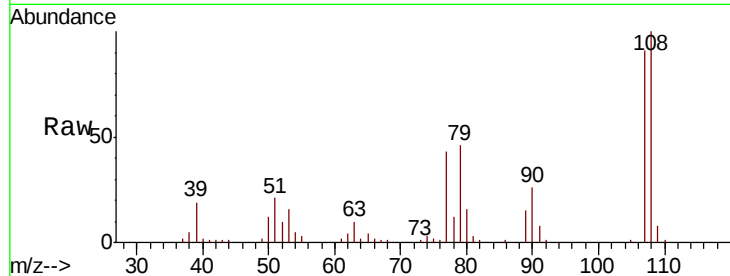
#17
2-Methylphenol
Concen: 37.779 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	90.3	135.5
77	47.2	38.3	57.5
79	50.2	35.8	53.6

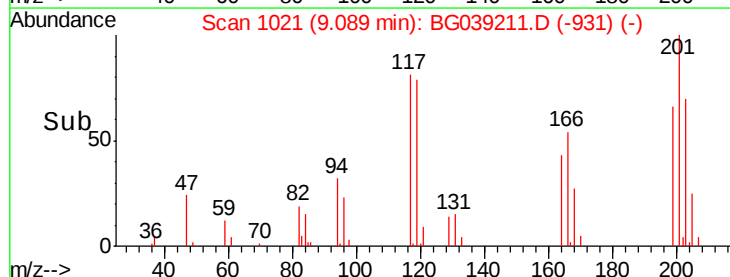
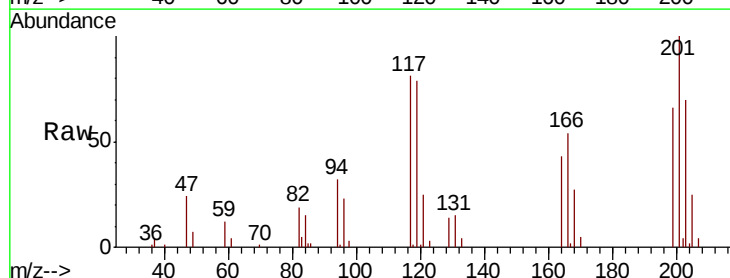
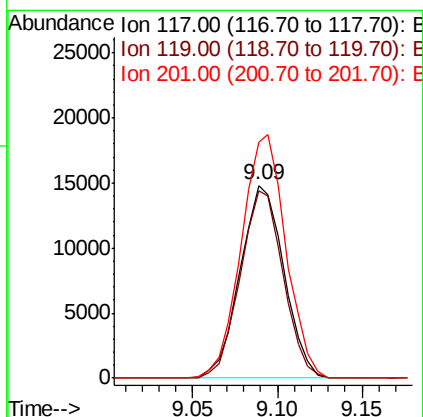
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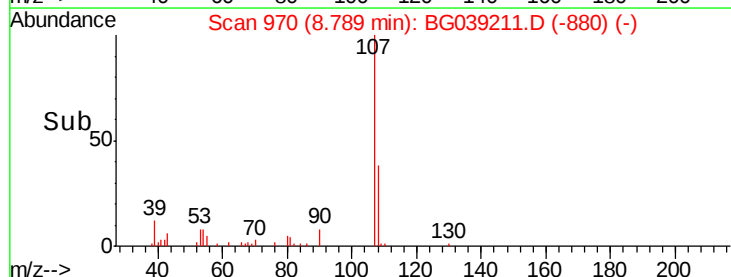
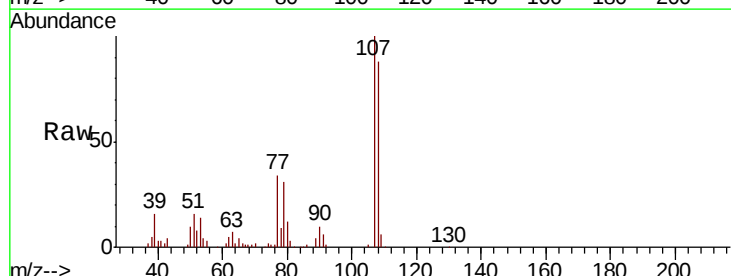
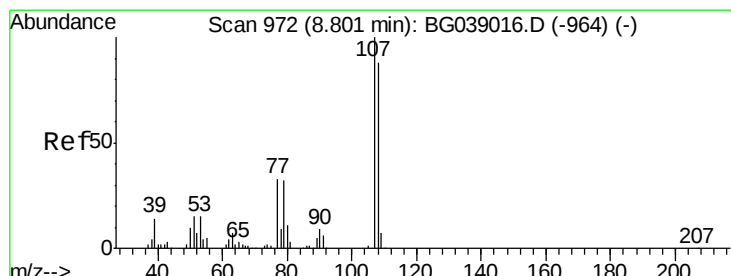
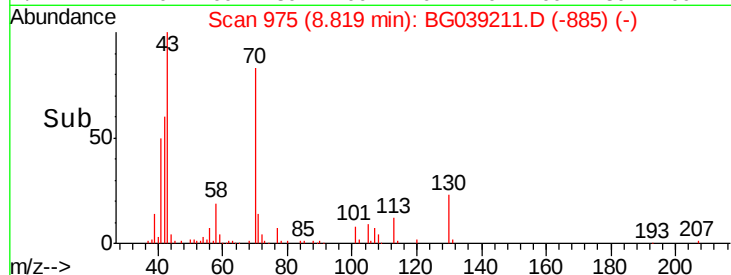
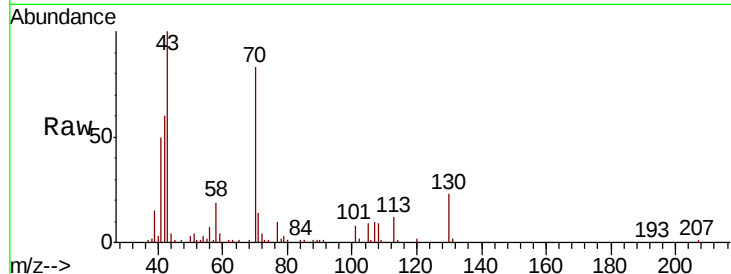
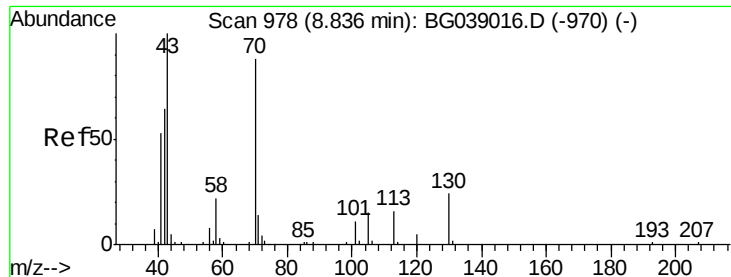
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#18
Hexachloroethane
Concen: 37.647 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.7	118.1
201	120.8	108.1	162.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.247 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

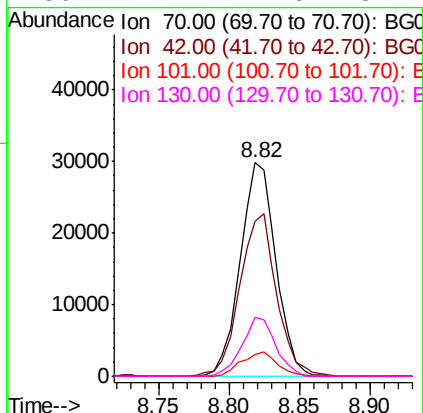
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.8	59.0	88.4
101	9.9	10.4	15.6
130	27.4	21.6	32.4

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#20

3+4-Methylphenols

Concen: 38.571 ng

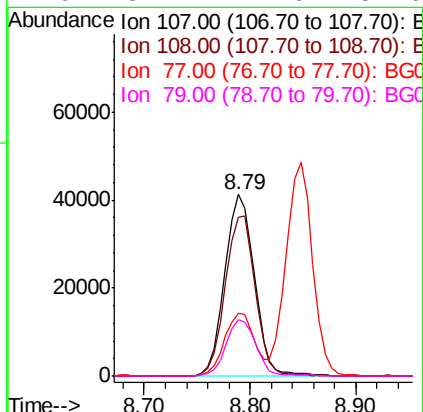
RT: 8.79 min Scan# 970

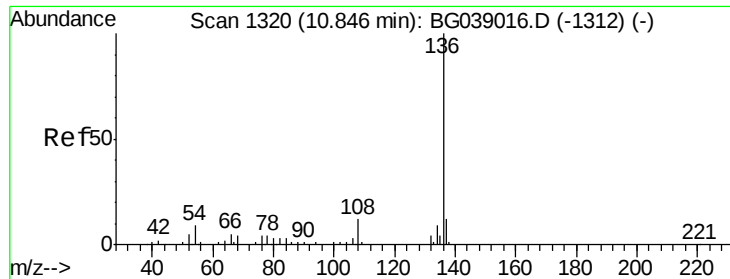
Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.4	108.4
77	34.5	13.3	53.3
79	31.1	11.6	51.6





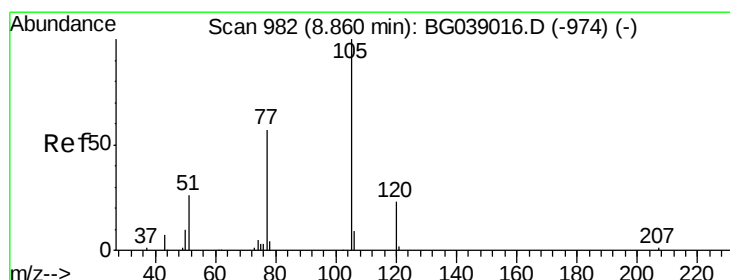
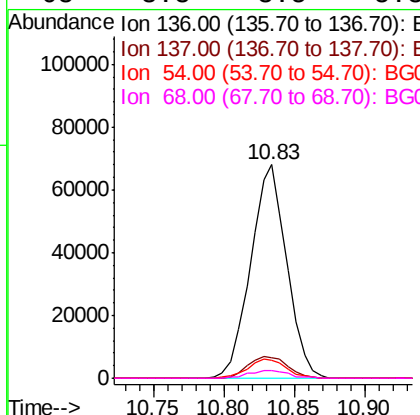
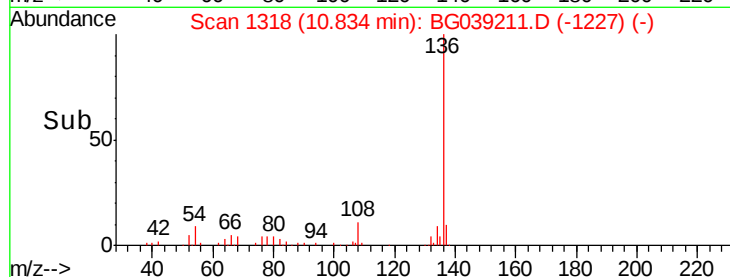
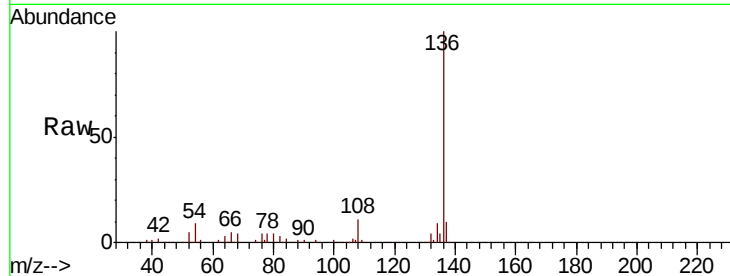
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	121793		
137	9.9	9.4	14.2	
54	8.7	7.2	10.8	
68	3.8	3.5	5.3	

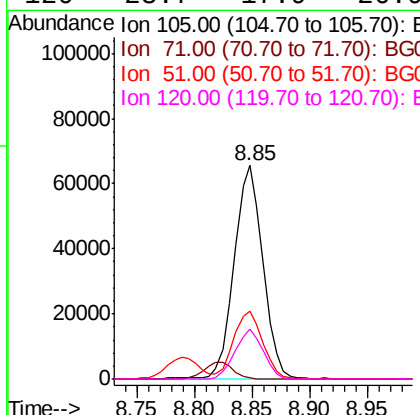
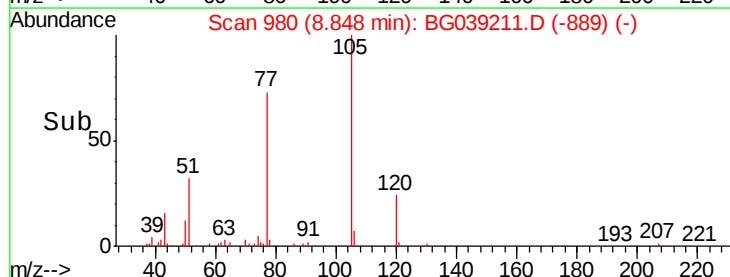
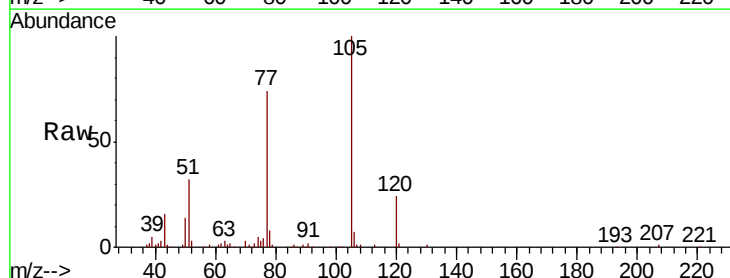
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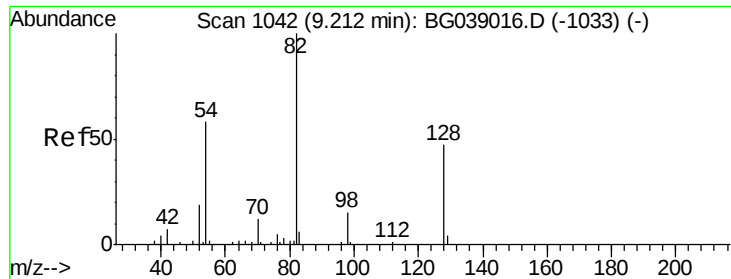
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#22
Acetophenone
Concen: 35.366 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	112487		
71	0.5	0.6	1.0#	
51	32.1	26.6	39.8	
120	23.7	17.9	26.9	





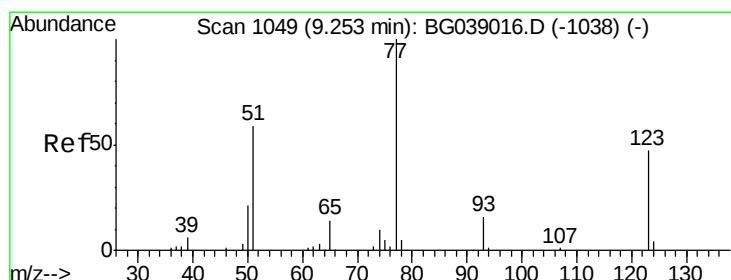
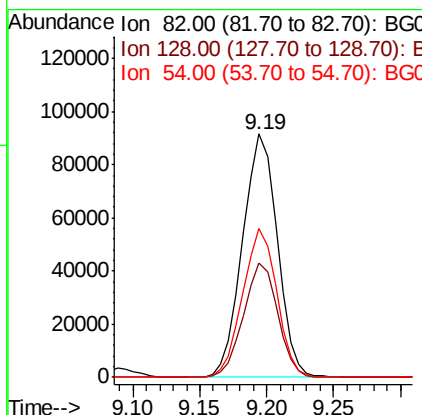
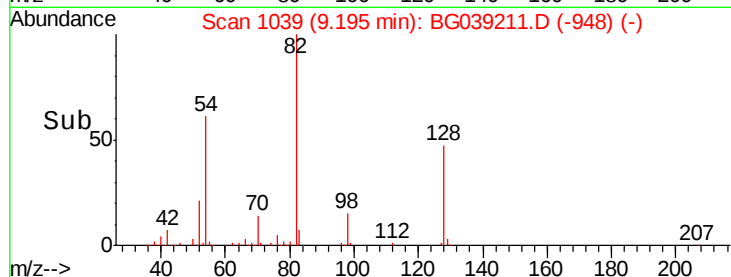
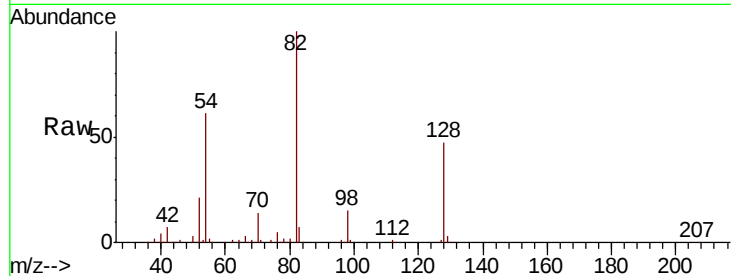
#23
Nitrobenzene-d5
Concen: 74.197 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.3	55.9
54	61.2	46.4	69.6

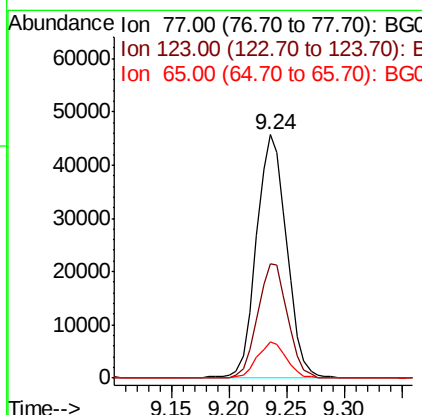
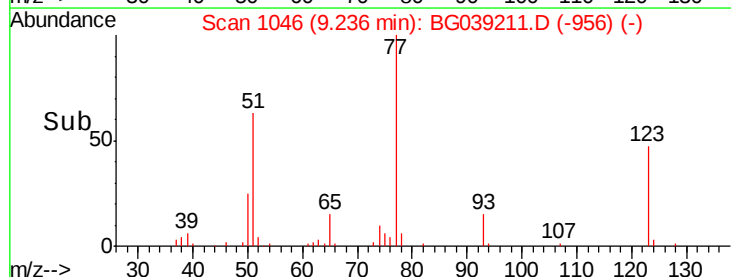
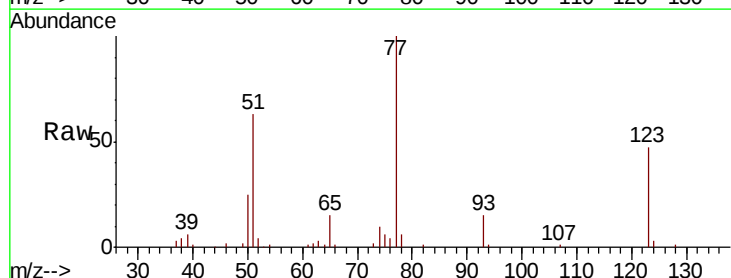
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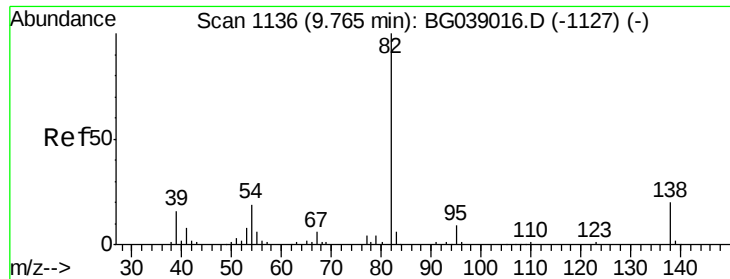
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#24
Nitrobenzene
Concen: 36.998 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.6	56.4
65	14.8	11.0	16.6





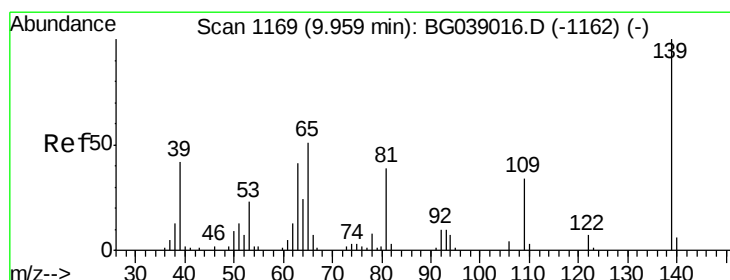
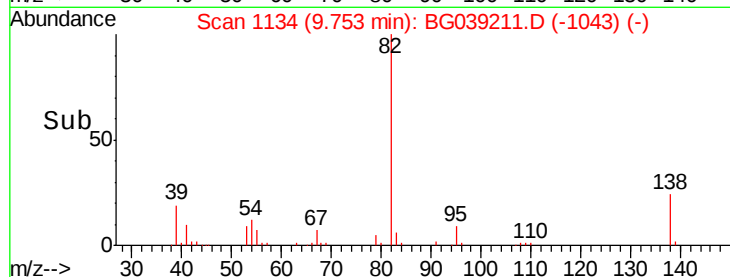
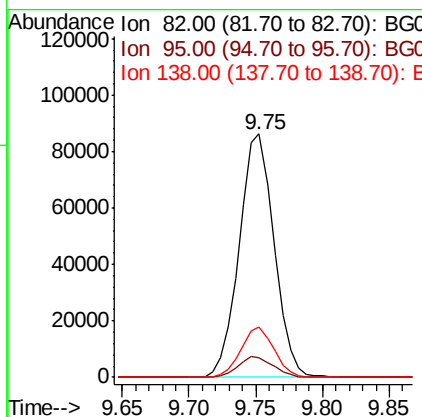
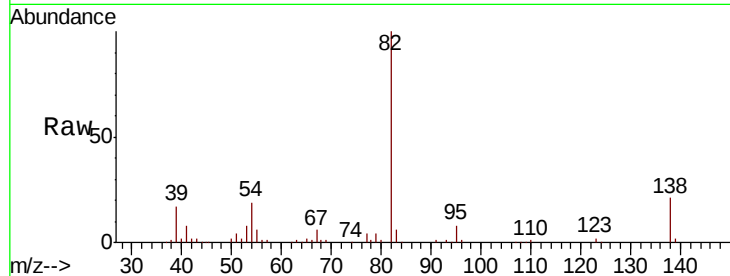
#25
Isophorone
Concen: 40.607 ng
RT: 9.75 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	155686		
95	7.9		7.0	10.6
138	20.7		16.2	24.4

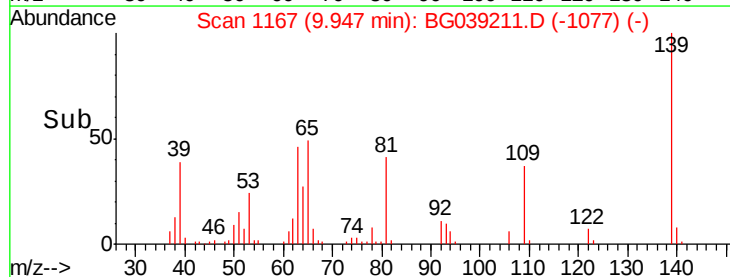
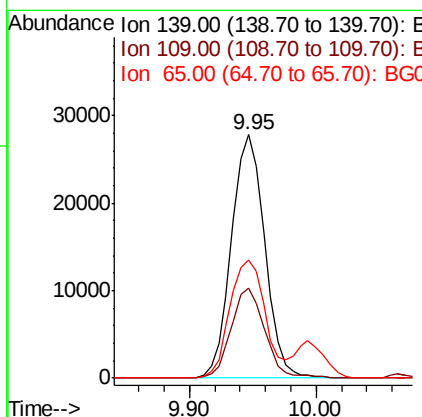
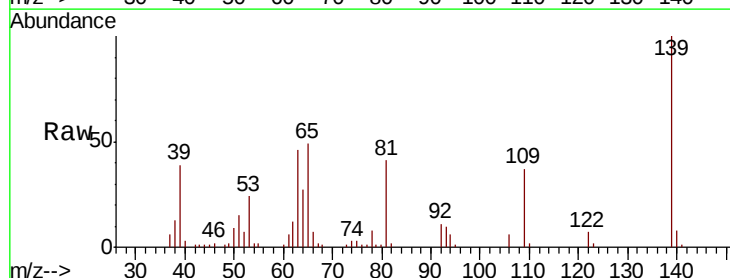
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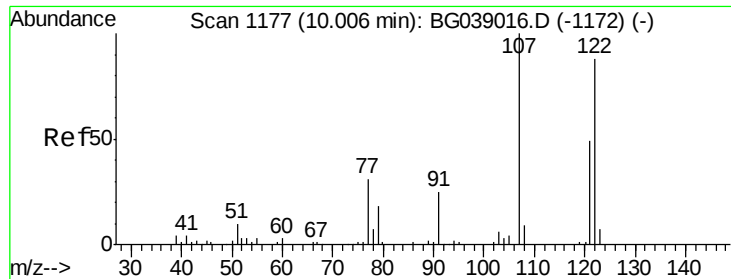
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#26
2-Nitrophenol
Concen: 41.626 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	50653		
109	36.9		27.3	40.9
65	48.5		40.6	61.0





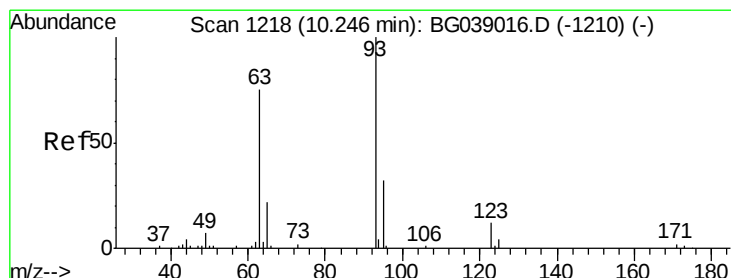
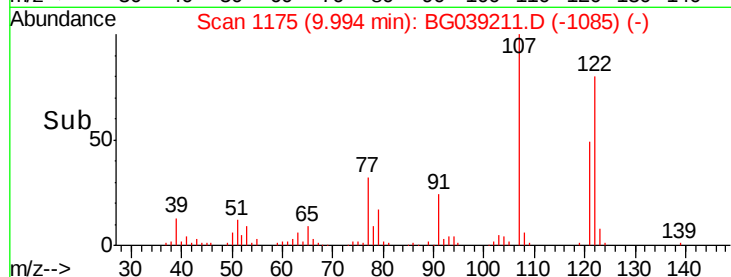
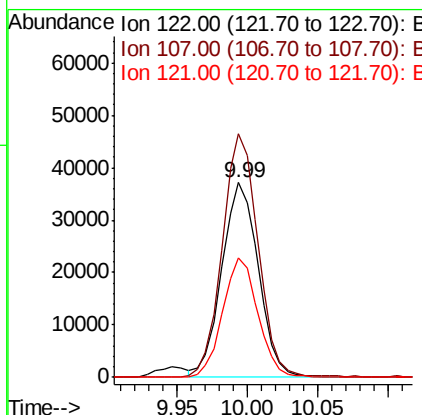
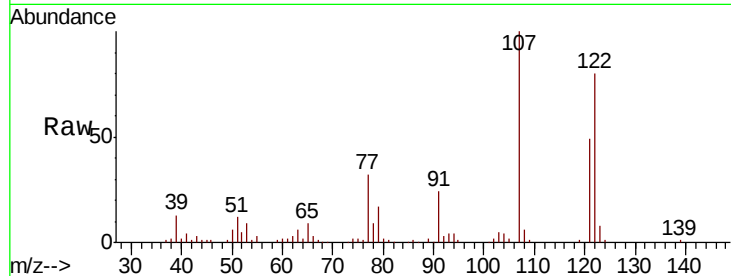
#27
2,4-Dimethylphenol
Concen: 39.152 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		67027		
107	125.2	88.8	133.2		
121	61.3	43.1	64.7		

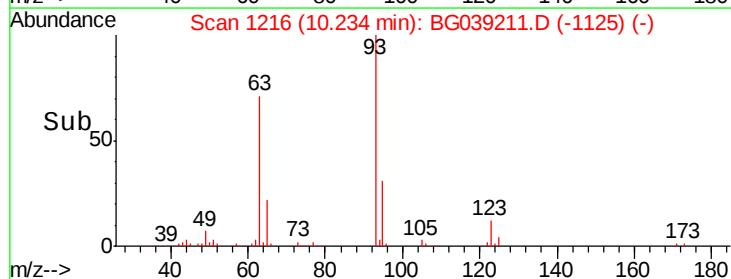
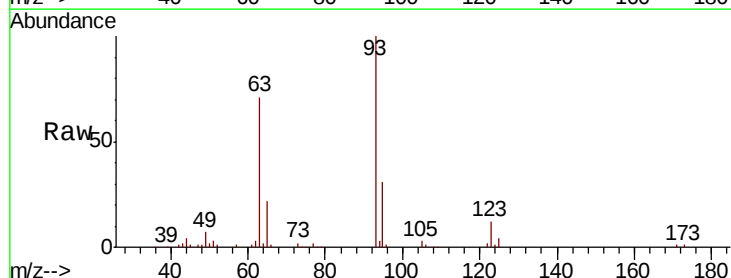
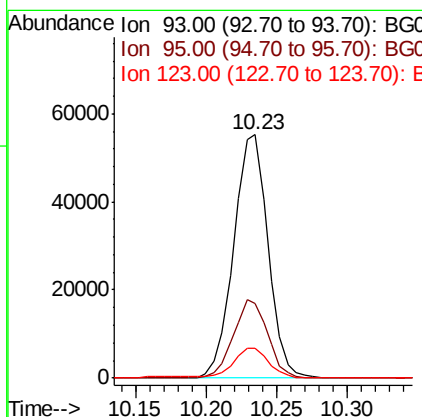
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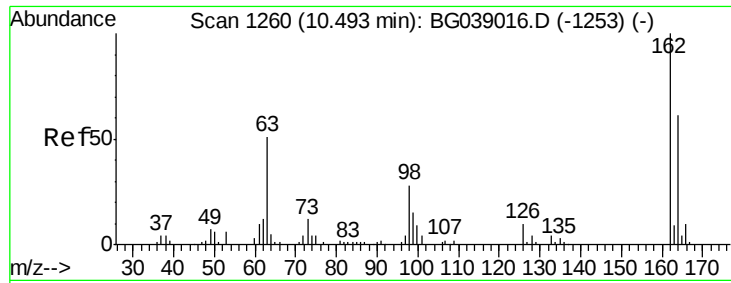
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.706 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		93797		
95	30.9	25.6	38.4		
123	12.1	10.1	15.1		





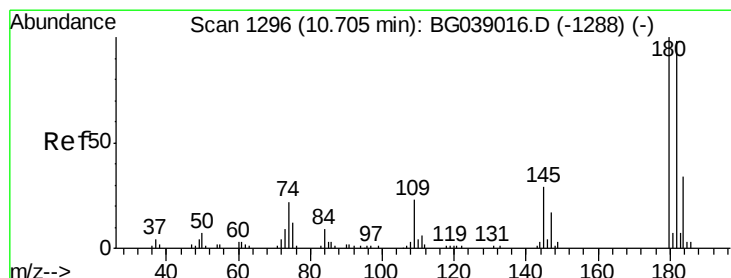
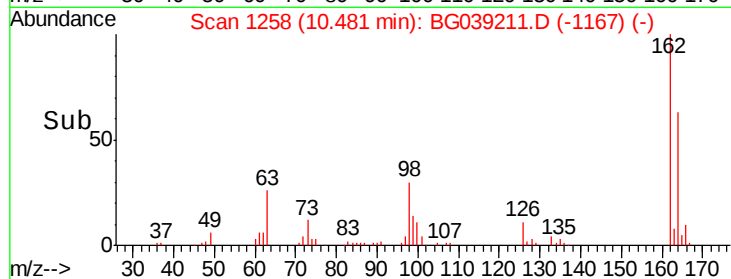
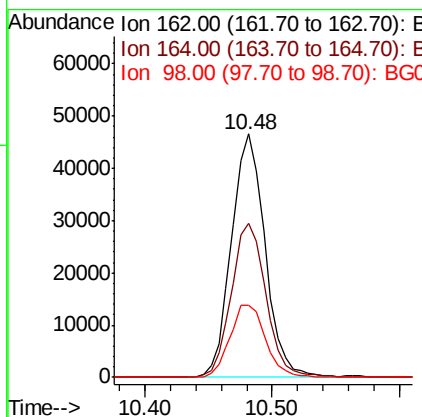
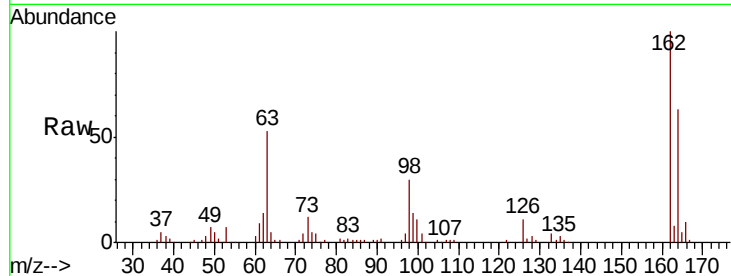
#29
2,4-Dichlorophenol
Concen: 40.187 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	41.3	81.3
98	29.5	8.3	48.3

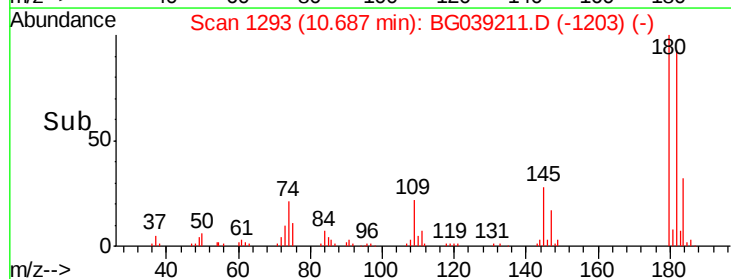
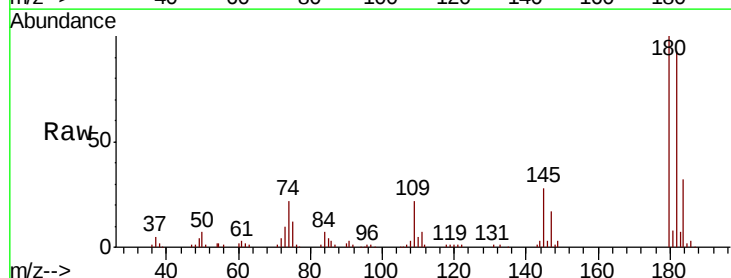
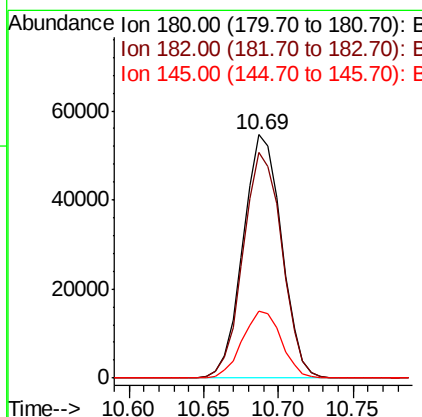
Manual Integrations
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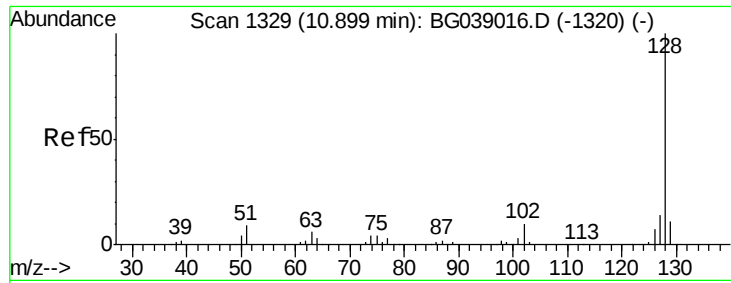
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#30
1,2,4-Trichlorobenzene
Concen: 38.207 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	78.1	117.1
145	27.6	23.1	34.7





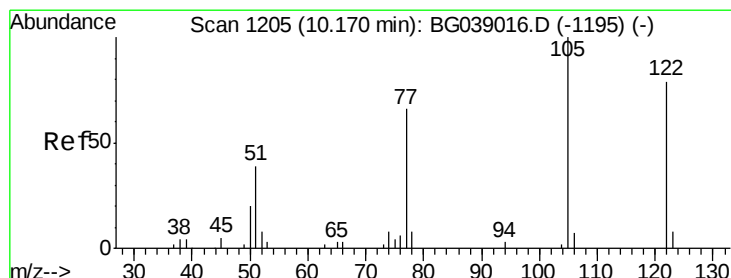
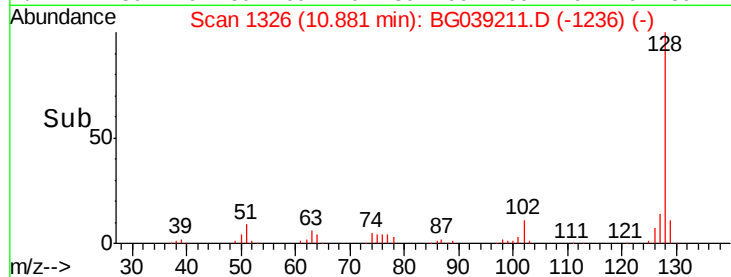
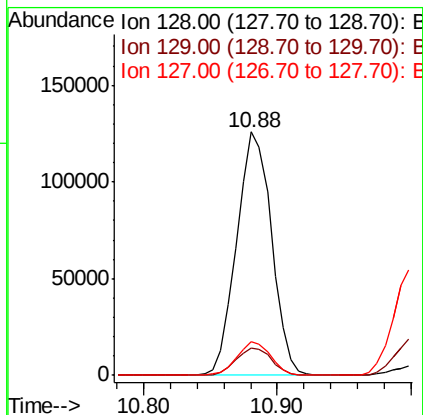
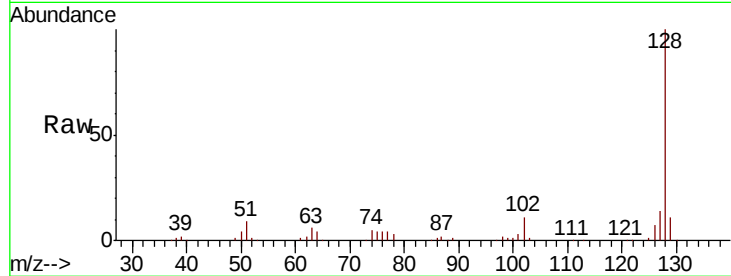
#31
Naphthalene
Concen: 37.289 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.6	11.2	16.8

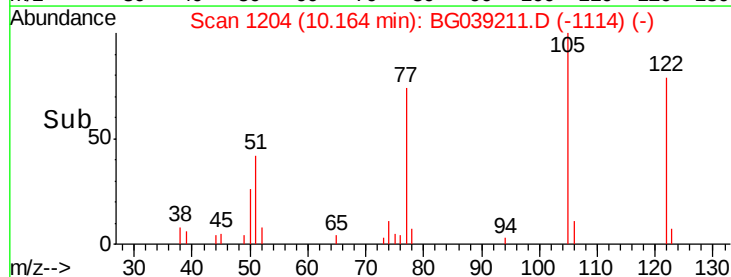
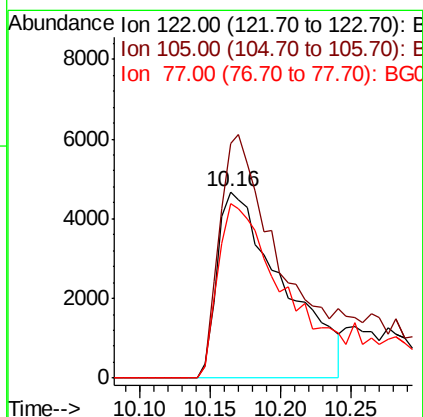
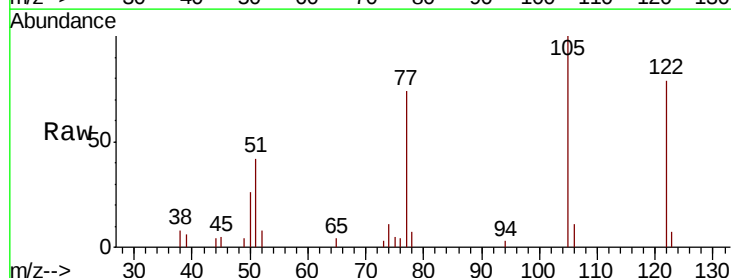
Manual Integrations
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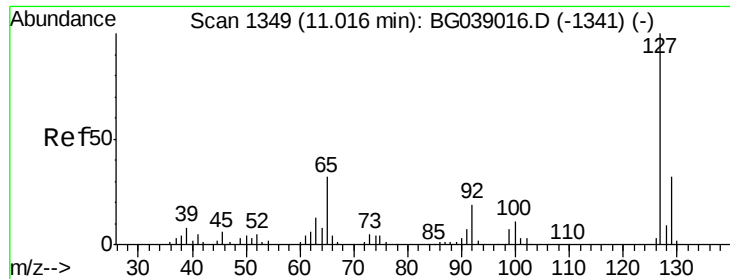
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#32
Benzoic acid
Concen: 20.983 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.4	106.4	146.4
77	93.8	63.6	103.6





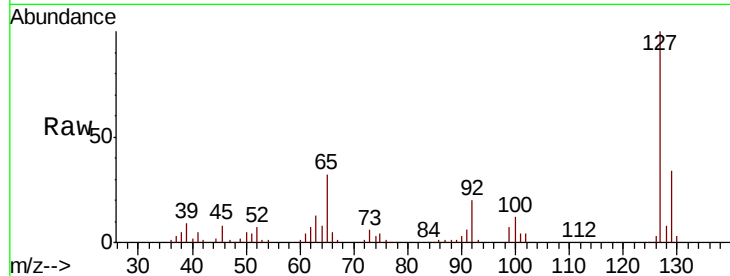
#33
4-Chloroaniline
Concen: 39.131 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.9	25.4	38.0		
65	31.5	25.4	38.0		
92	20.2	15.2	22.8		

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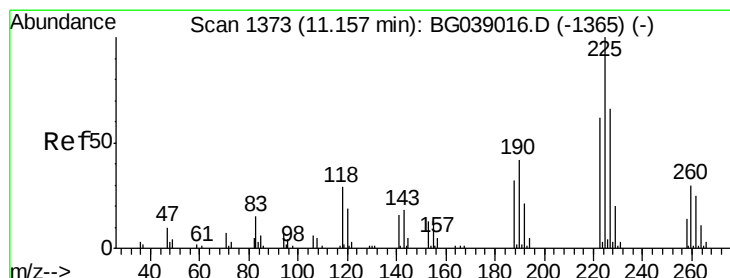
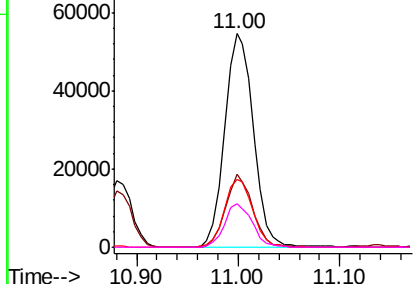
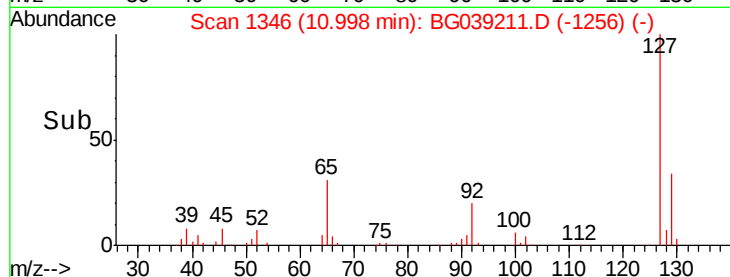
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

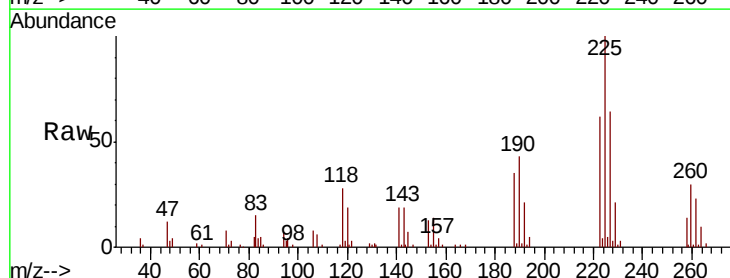
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.823 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.2	75.4		
227	67.2	53.2	79.8		

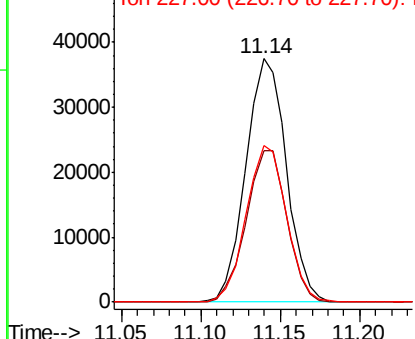
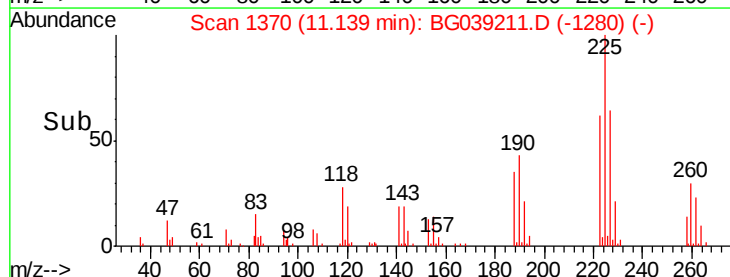


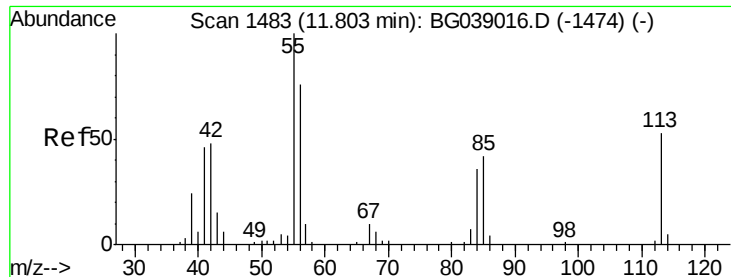
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.062 ng

RT: 11.80 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 32462

Ion Ratio Lower Upper

113 100

55 197.9 168.6 208.6

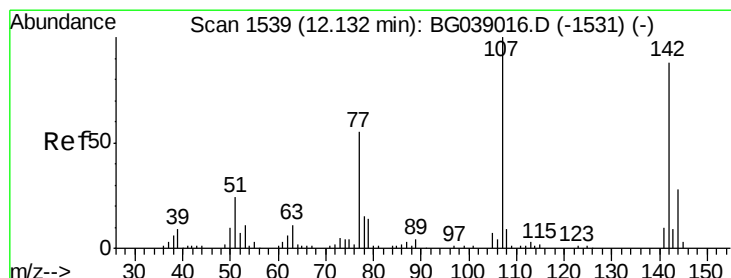
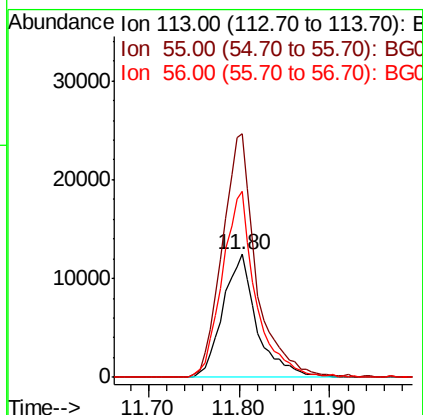
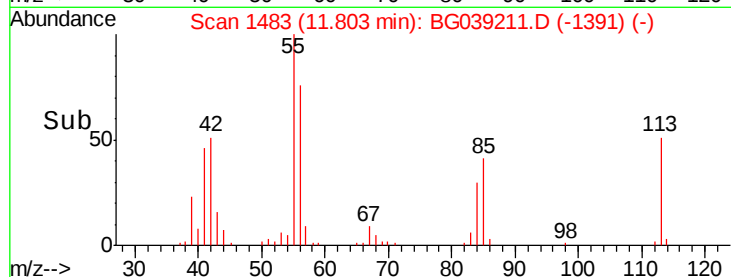
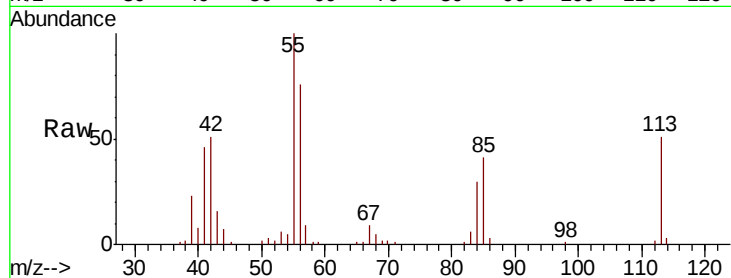
56 151.0 123.2 163.2

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#36

4-Chloro-3-methylphenol

Concen: 39.431 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

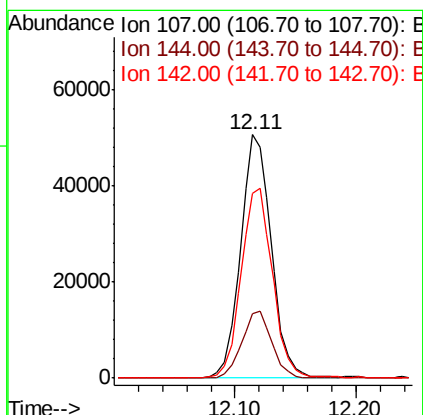
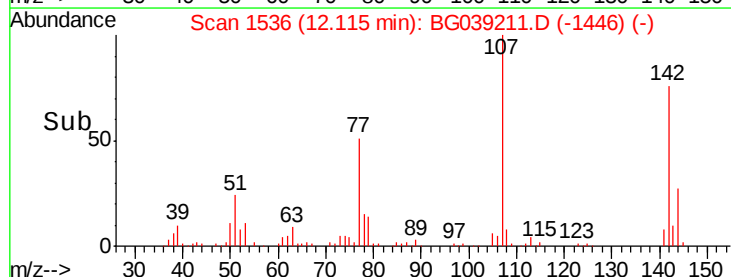
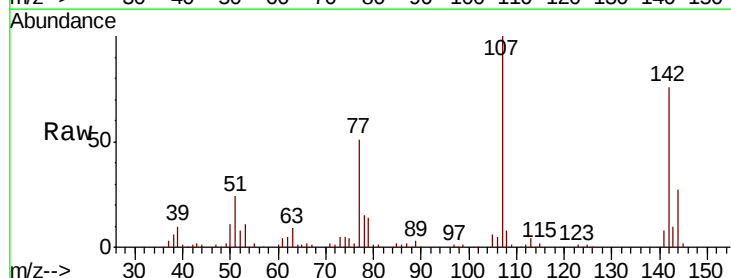
Tgt Ion:107 Resp: 89697

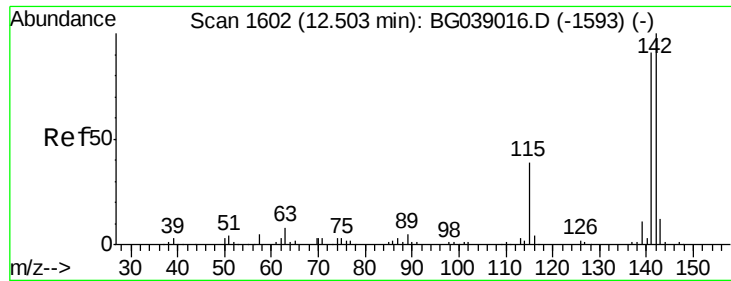
Ion Ratio Lower Upper

107 100

144 26.7 22.6 34.0

142 75.7 70.2 105.4





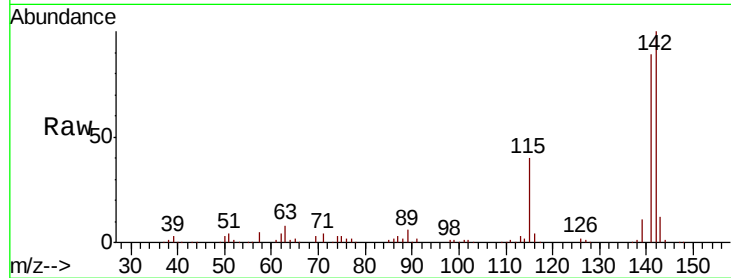
#37
2-Methylnaphthalene
Concen: 38.508 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	109.0
115	40.4	31.1	46.7

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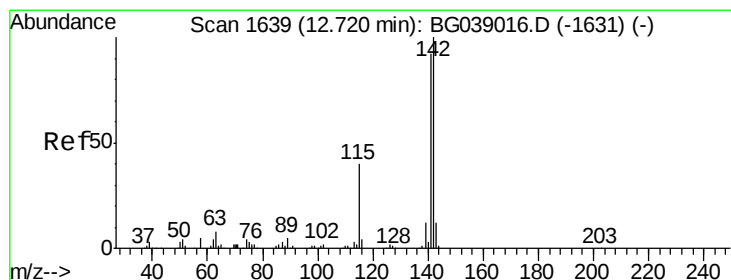
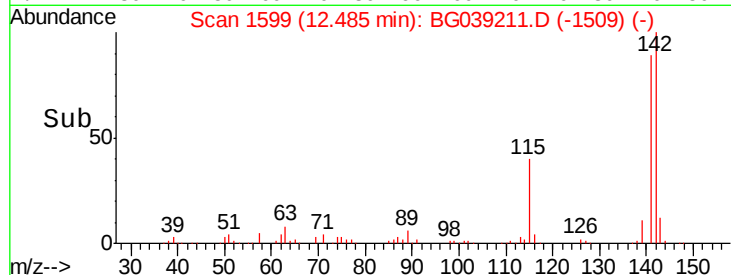
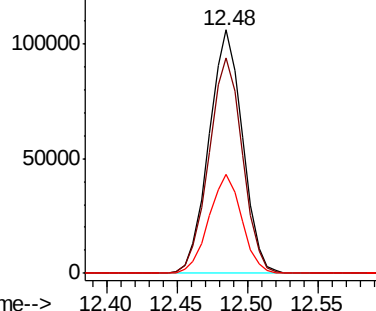


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.276 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

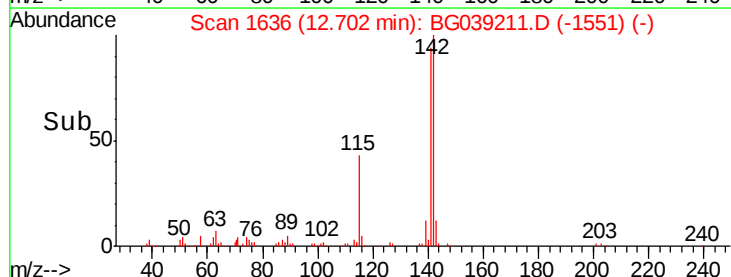
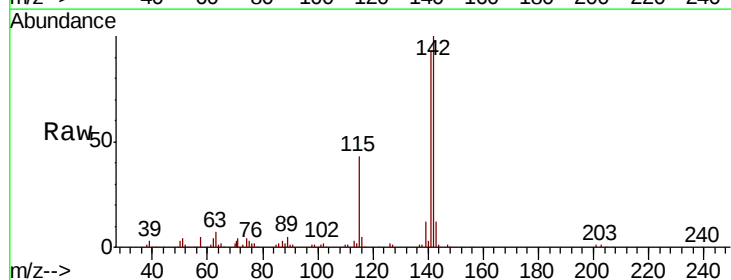
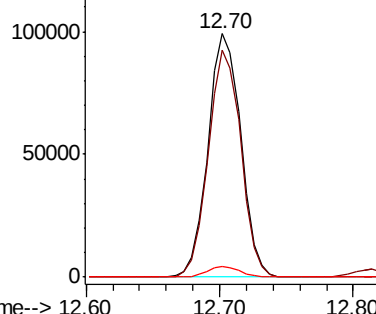
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.3	109.9
116	4.5	3.1	4.7

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:164 Resp: 81988

Ion Ratio Lower Upper

164 100

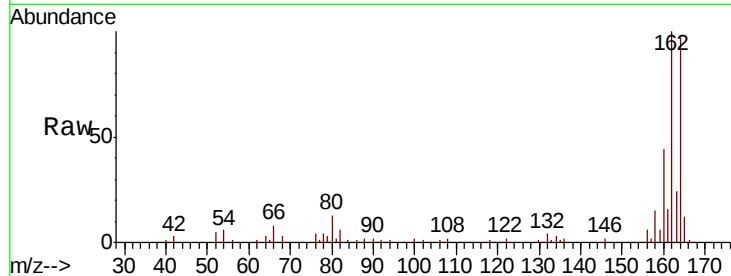
162 103.3 87.2 130.8

160 45.3 33.3 49.9

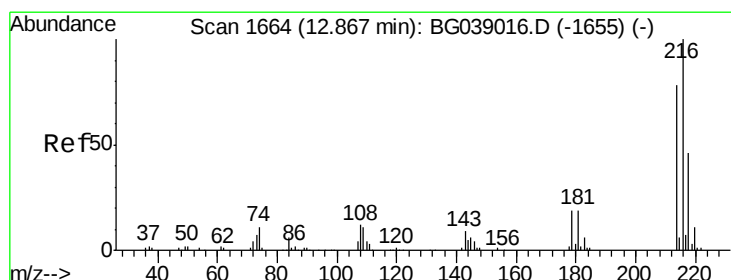
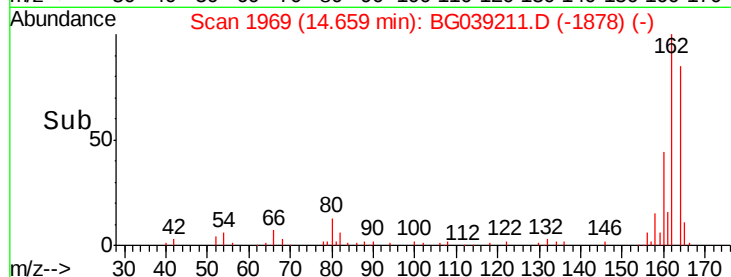
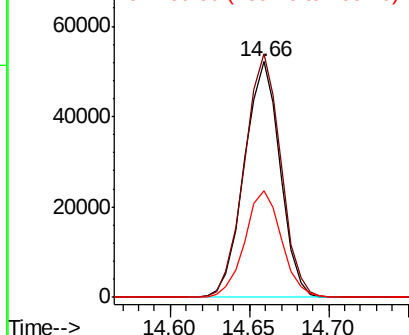
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.569 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:216 Resp: 121837

Ion Ratio Lower Upper

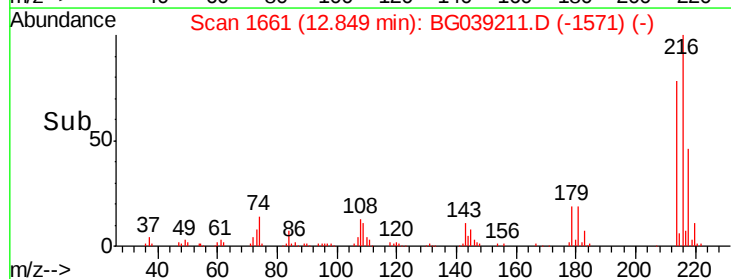
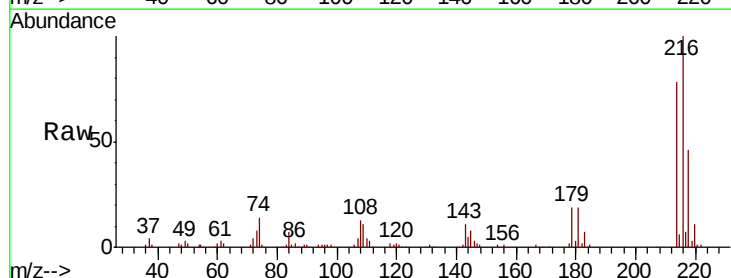
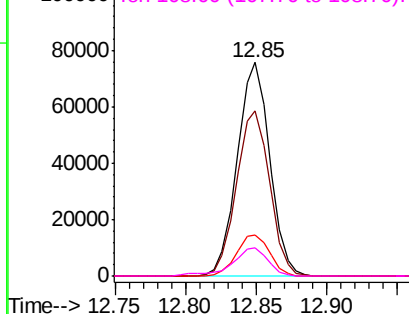
216 100

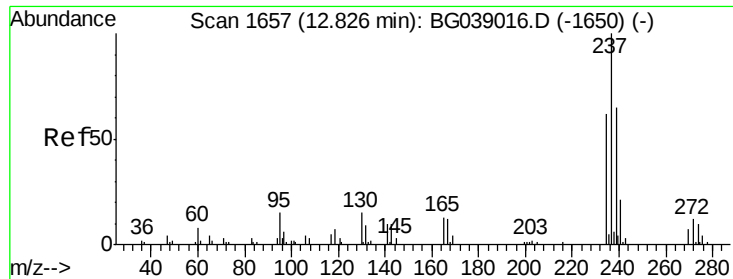
214 79.0 63.4 95.2

179 19.5 15.5 23.3

108 14.6 11.4 17.2

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 33.139 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

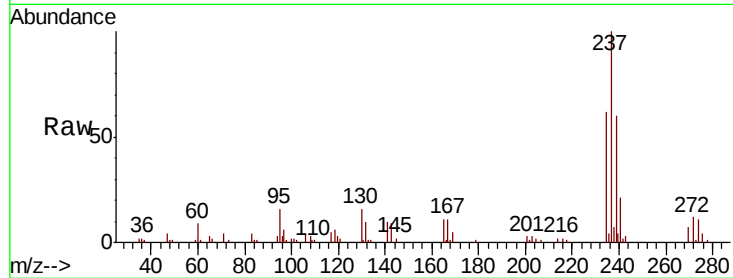
ClientSampleId :

SSTDCCC040EC

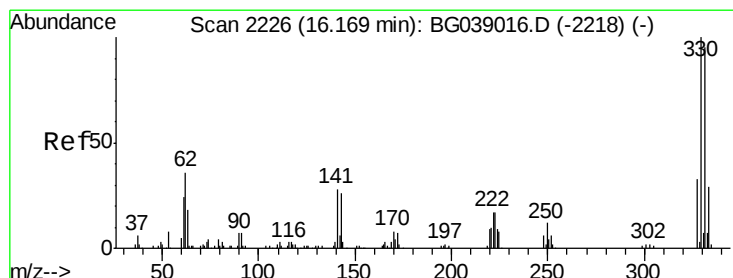
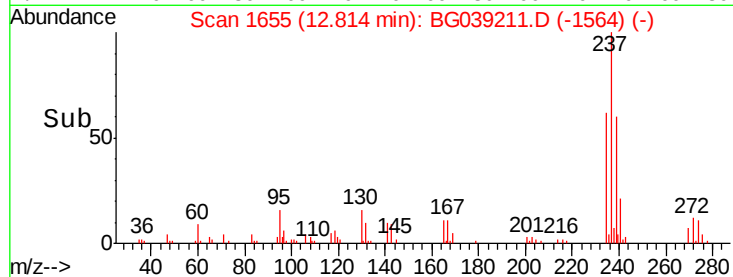
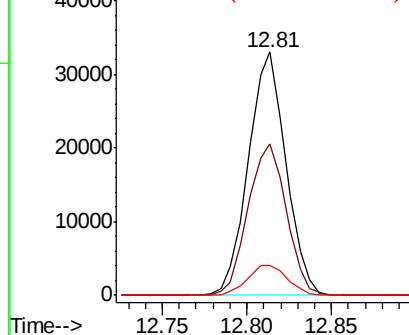
Tot Ion:	237	Resp:	51194
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.7	81.7
272	12.2	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 79.992 ng

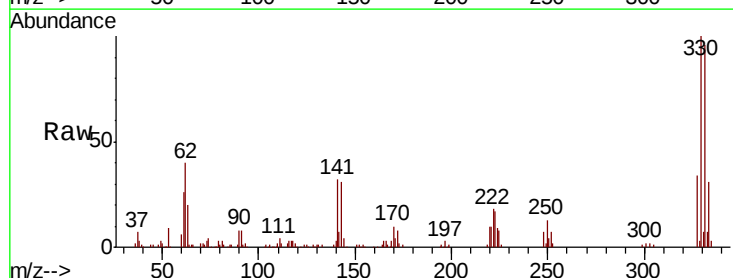
RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

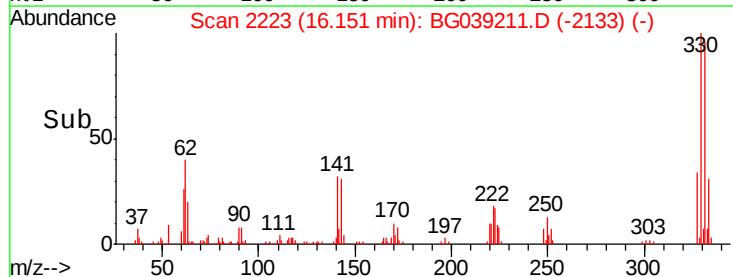
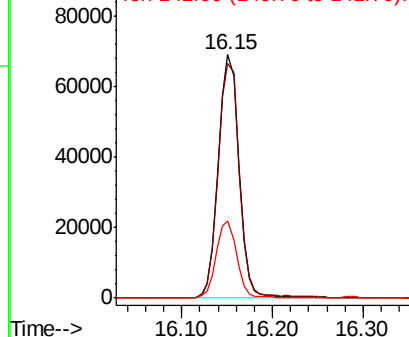
Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:	330	Resp:	109936
Ion Ratio	Lower	Upper	
330	100		
332	98.6	75.7	113.5
141	31.2	24.9	37.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





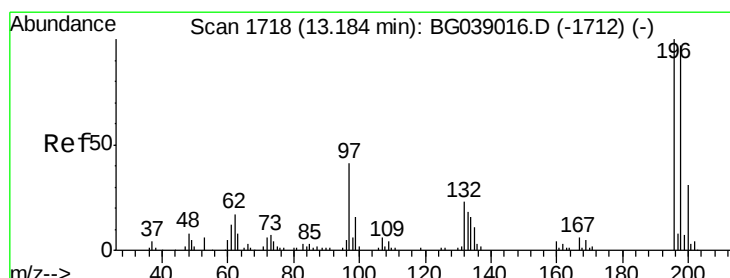
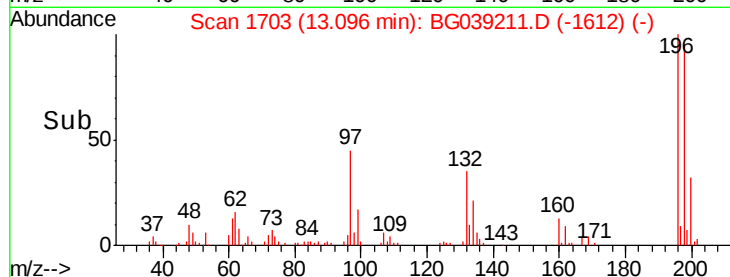
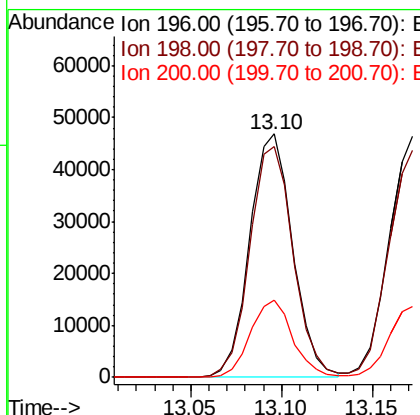
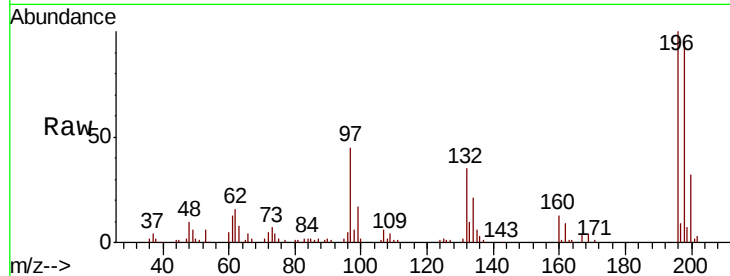
#43
 2,4,6-Trichlorophenol
 Concen: 40.109 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.5	111.7
200	31.7	23.8	35.6

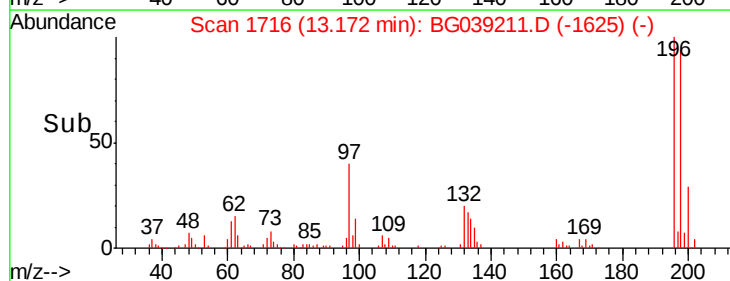
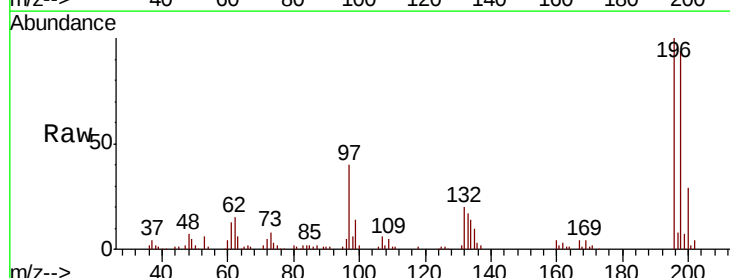
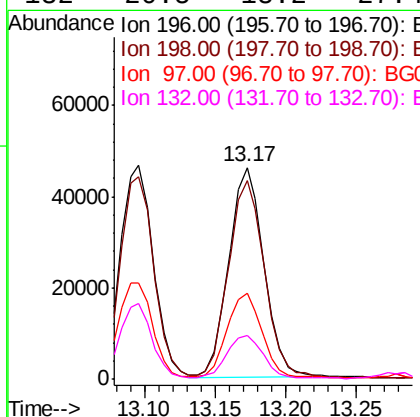
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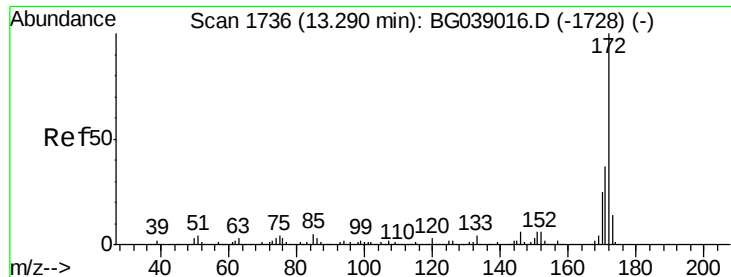
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#44
 2,4,5-Trichlorophenol
 Concen: 39.026 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	78.1	117.1
97	40.5	33.2	49.8
132	20.5	18.2	27.4





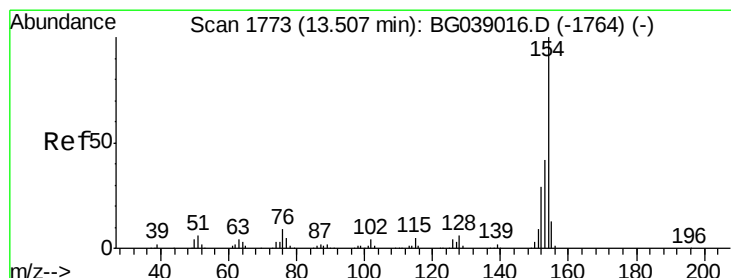
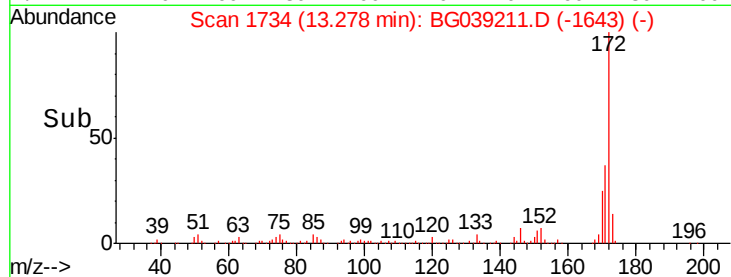
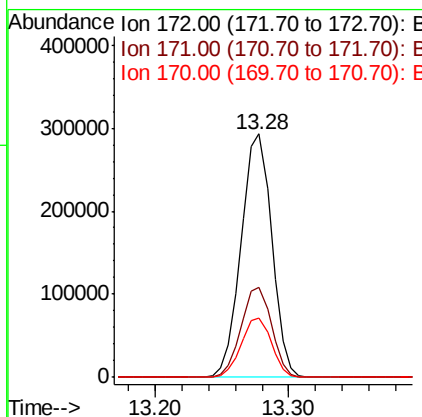
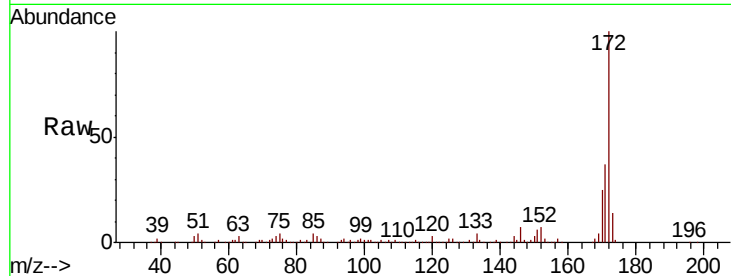
#45
2-Fluorobiphenyl
Concen: 77.650 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.6	20.1	30.1

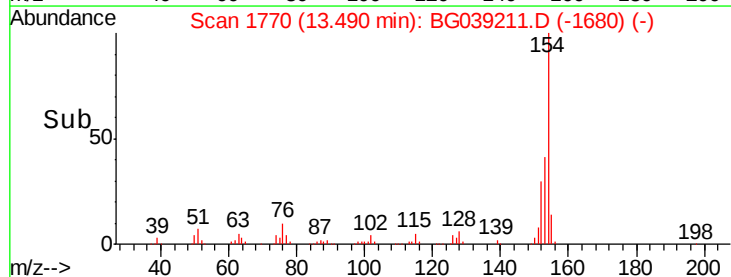
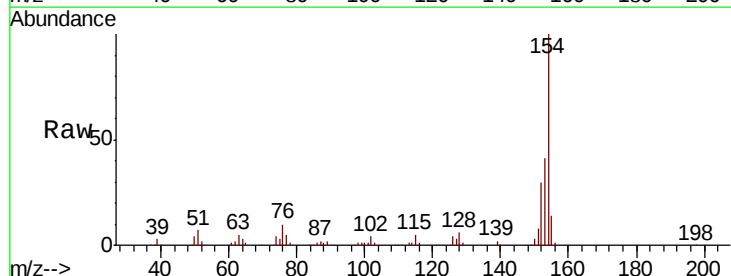
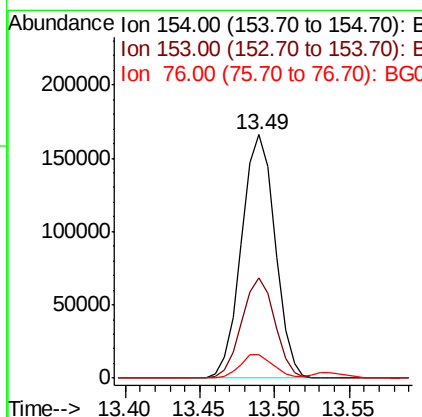
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#46
1,1'-Biphenyl
Concen: 39.915 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.4	62.4
76	9.8	0.0	29.4





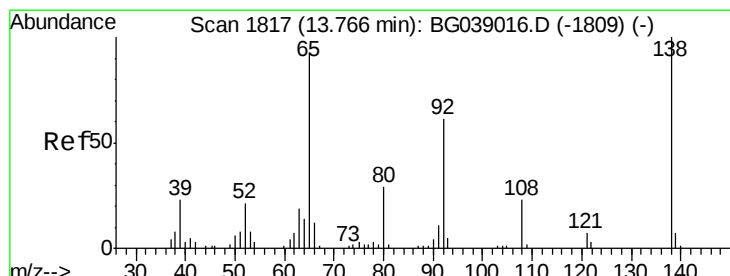
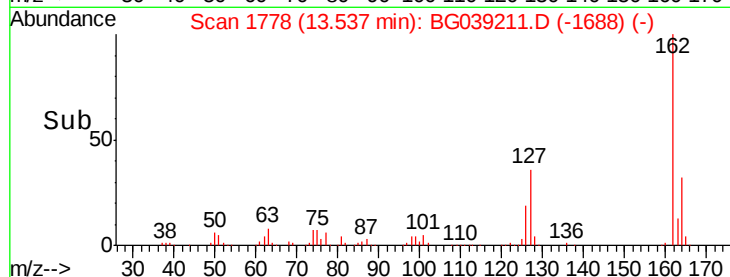
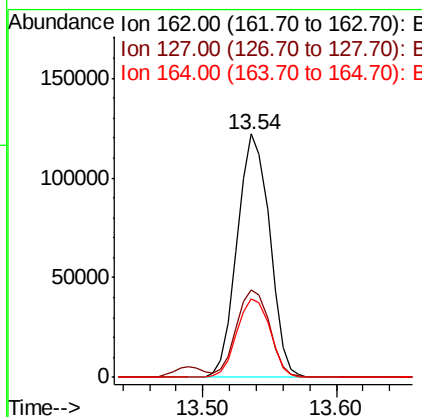
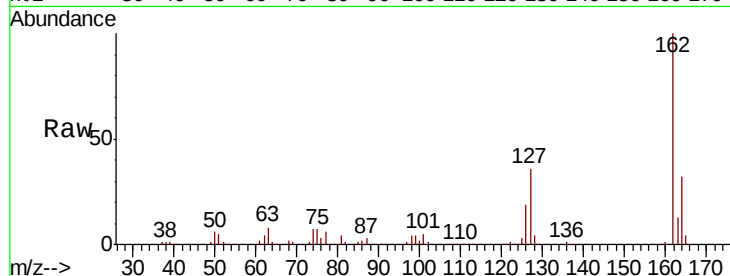
#47
 2-Chloronaphthalene
 Concen: 39.064 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.8	28.4	42.6
164	32.3	26.3	39.5

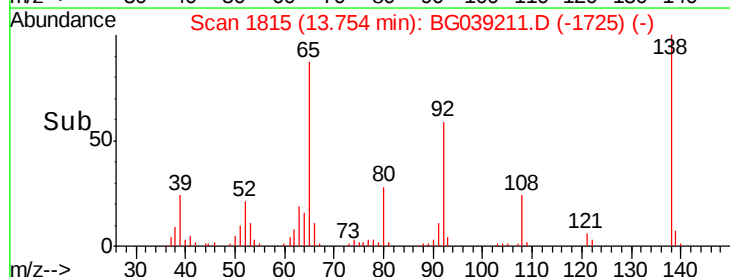
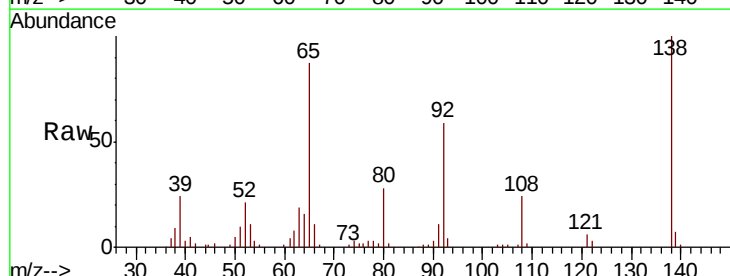
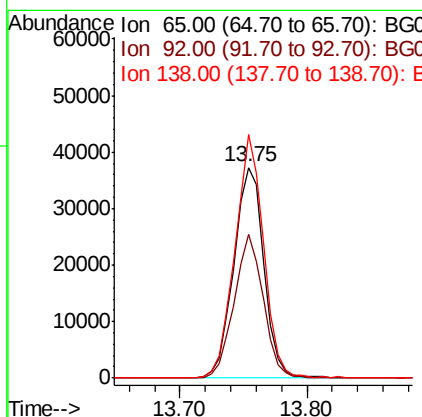
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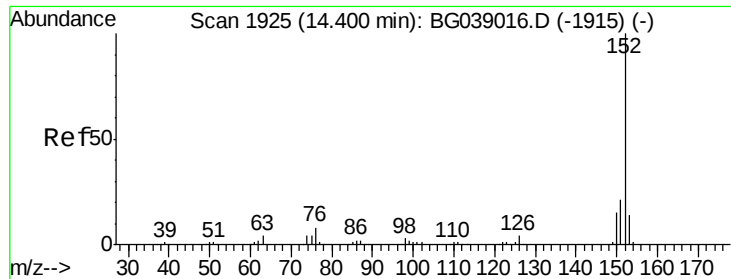
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#48
 2-Nitroaniline
 Concen: 41.102 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	52.2	78.4
138	115.5	86.0	129.0





#49

Acenaphthylene

Concen: 38.530 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

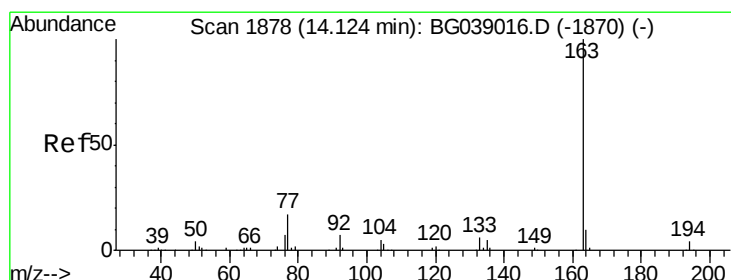
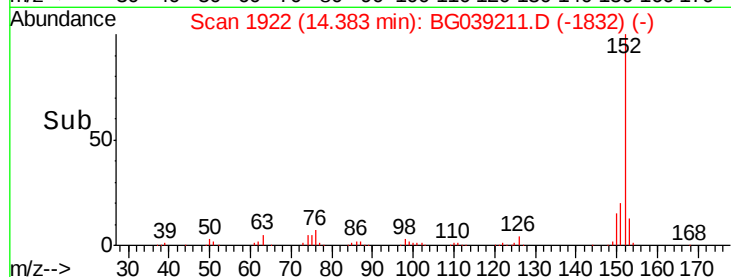
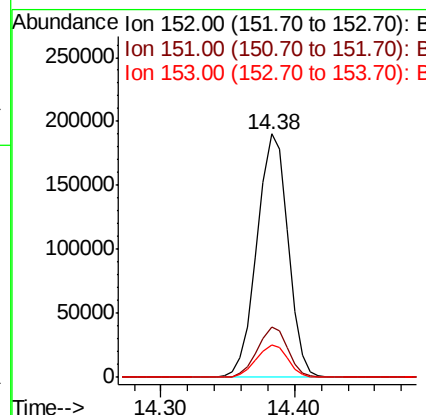
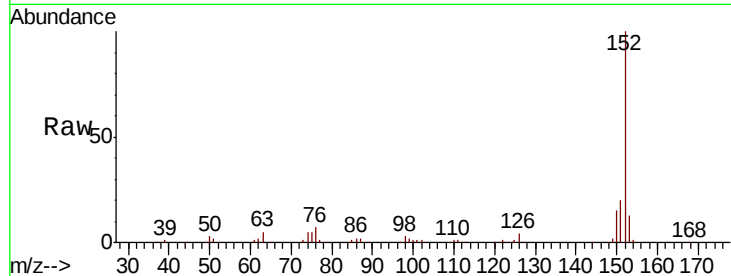
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	304461
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.0	25.4
153	13.2	11.2	16.8

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#50

Dimethylphthalate

Concen: 37.636 ng

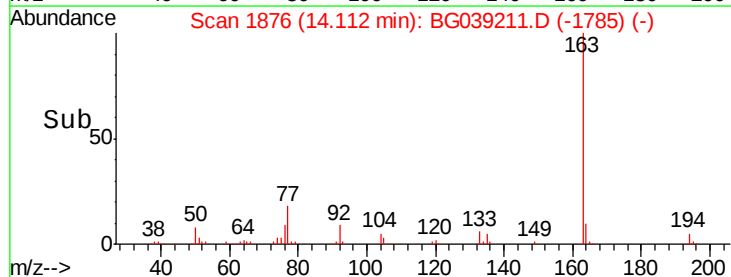
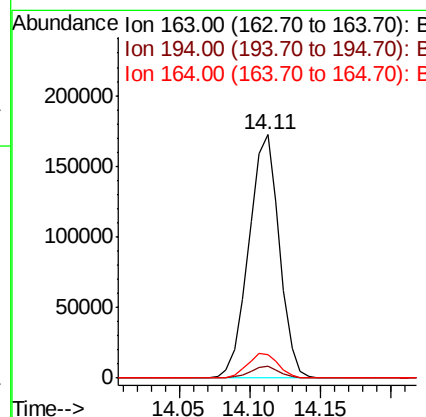
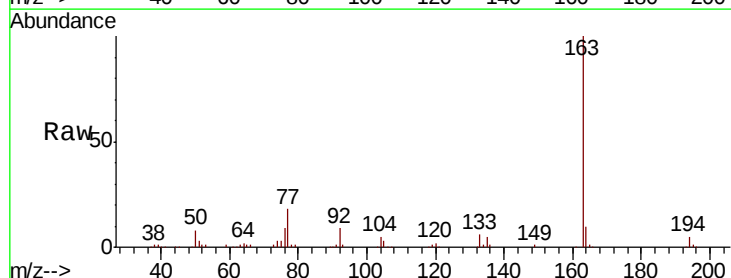
RT: 14.11 min Scan# 1876

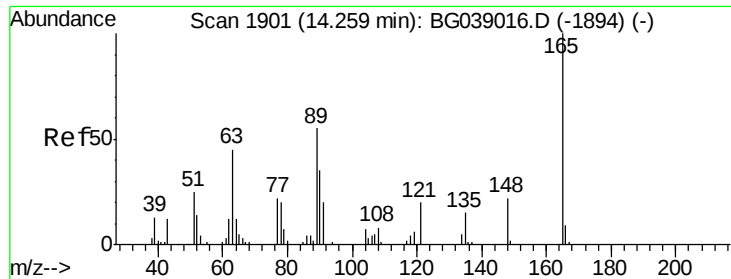
Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:	163	Resp:	260757
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.6	5.4
164	9.8	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 38.241 ng

RT: 14.25 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 59235

Ion Ratio Lower Upper

165 100

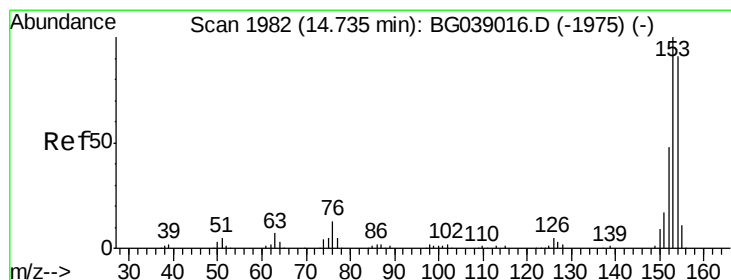
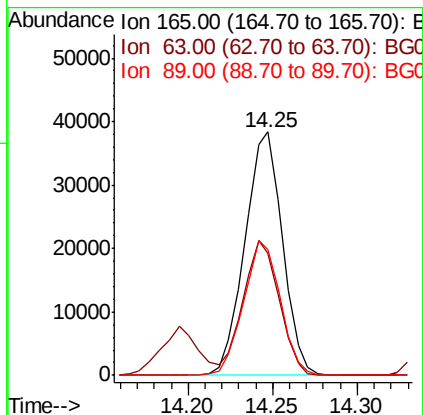
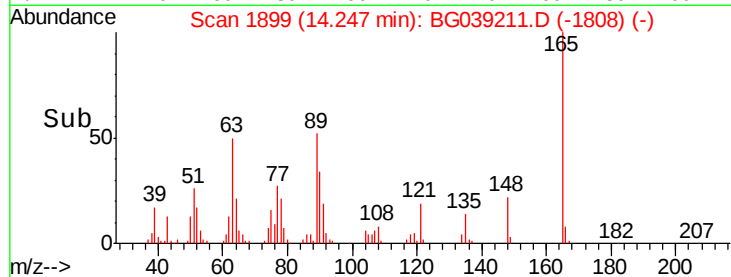
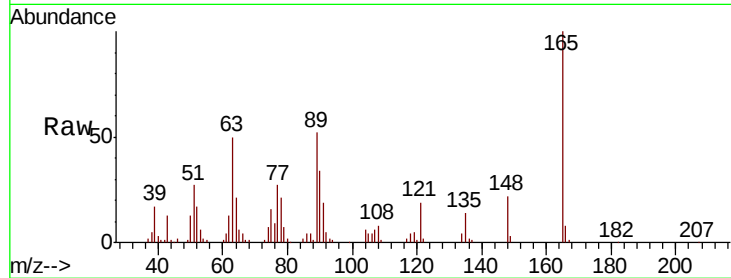
63 50.1 43.6 65.4

89 51.7 43.7 65.5

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#52

Acenaphthene

Concen: 38.711 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

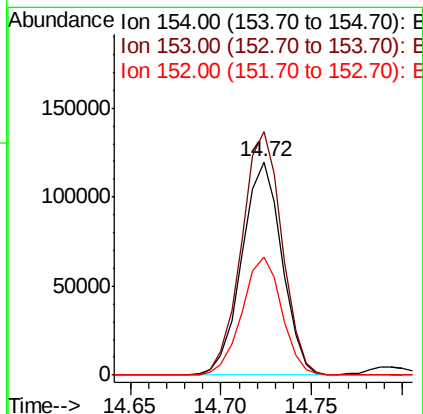
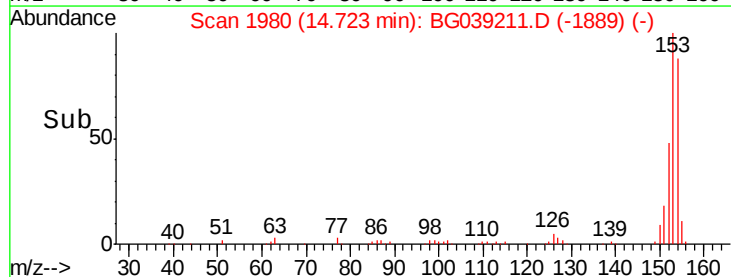
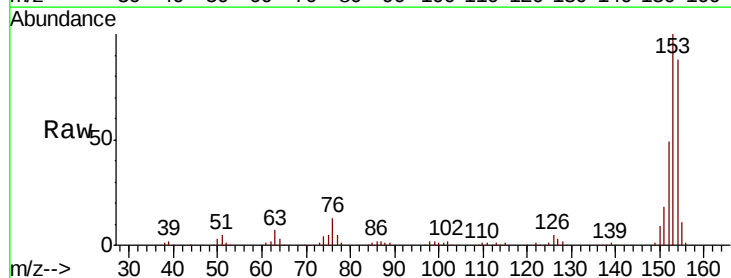
Tgt Ion:154 Resp: 183783

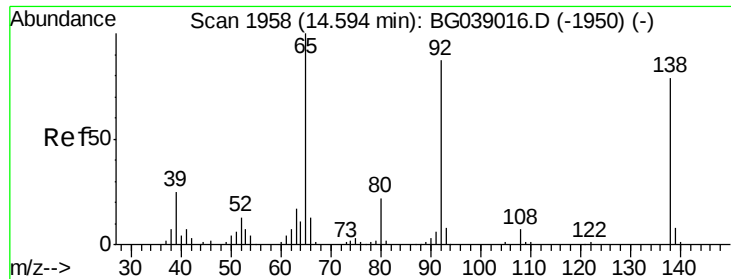
Ion Ratio Lower Upper

154 100

153 114.3 87.9 131.9

152 55.4 42.2 63.2





#53

3-Nitroaniline

Concen: 37.003 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

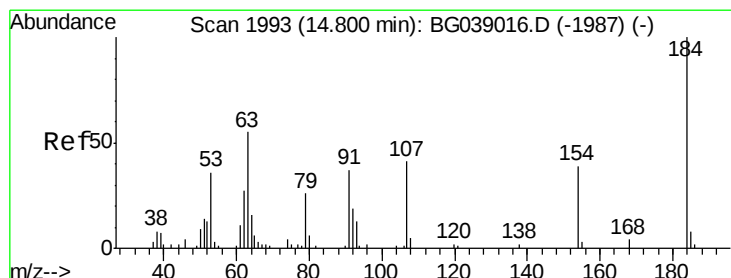
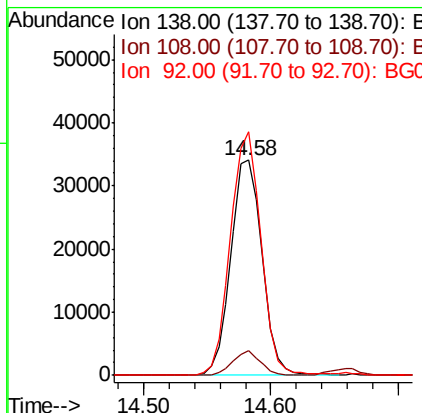
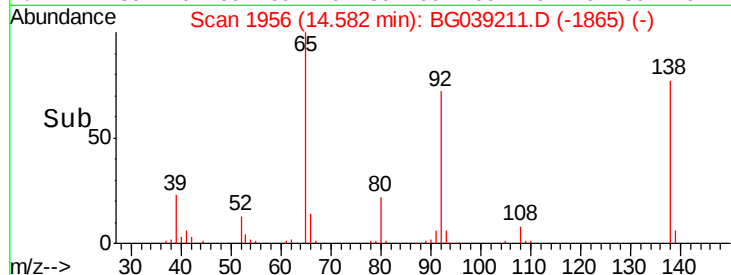
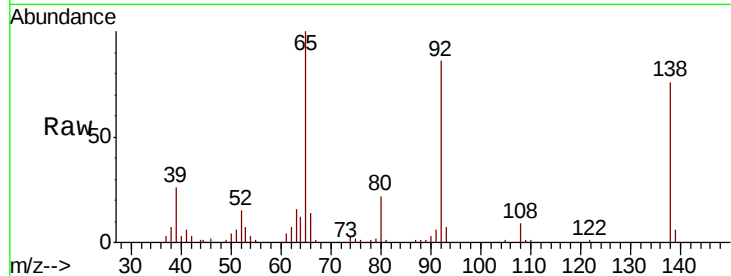
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.4	11.0#
92	113.1	88.2	132.4

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#54

2,4-Dinitrophenol

Concen: 20.503 ng m

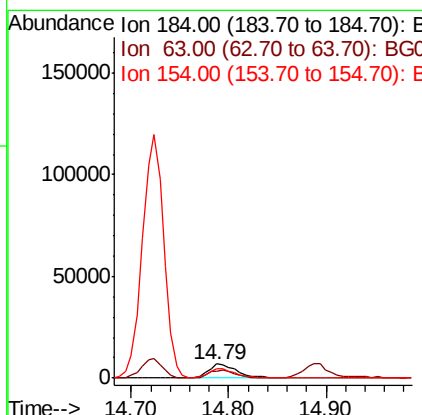
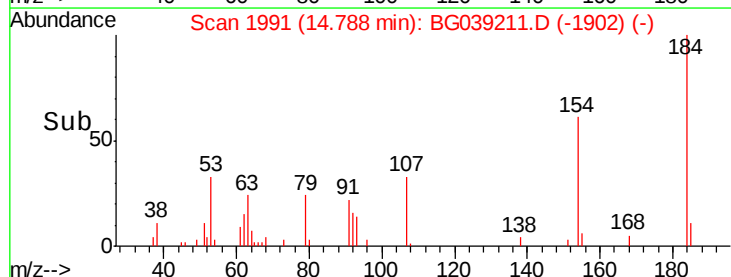
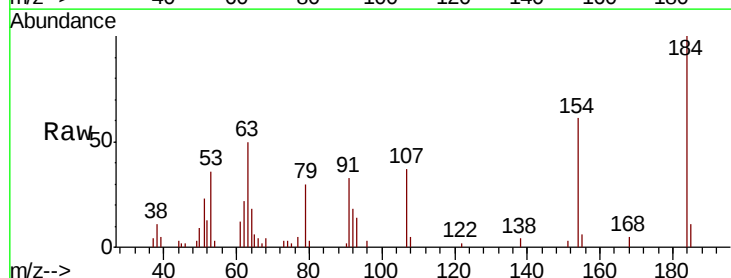
RT: 14.79 min Scan# 1991

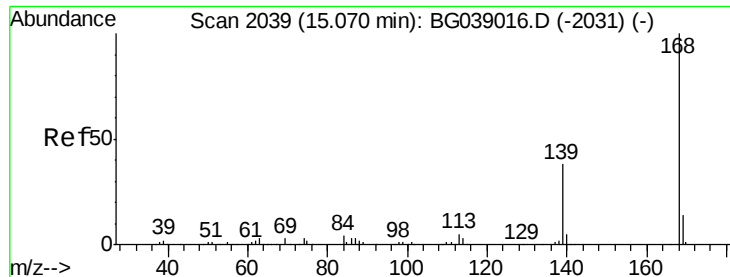
Delta R.T. -0.01 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.8	44.0	66.0
154	61.4	46.1	69.1





#55

Dibenzofuran

Concen: 39.902 ng

RT: 15.06 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:168 Resp: 334578

Ion Ratio Lower Upper

168 100

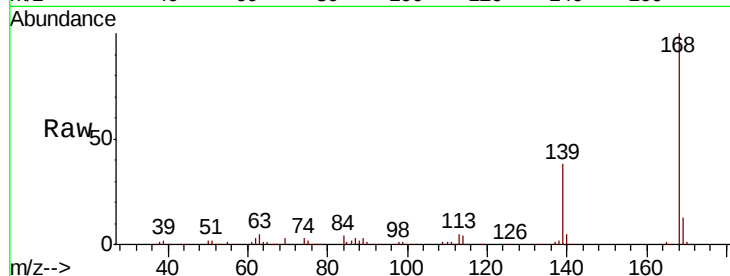
139 38.0 30.1 45.1

169 12.9 10.9 16.3

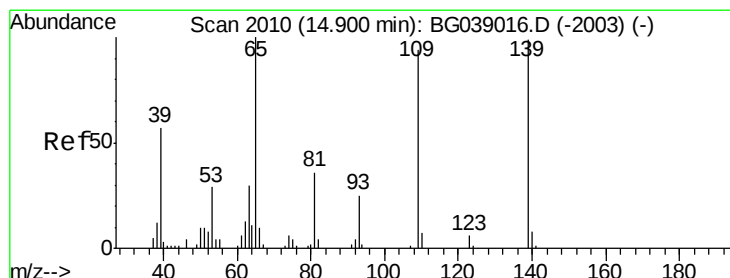
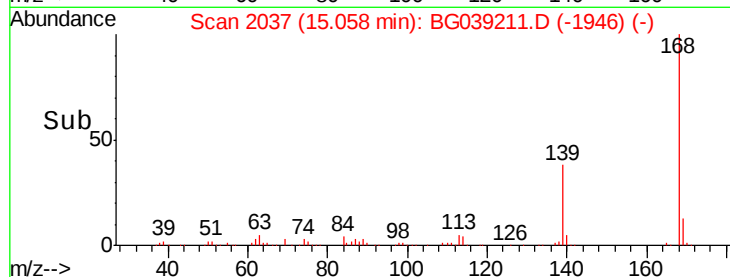
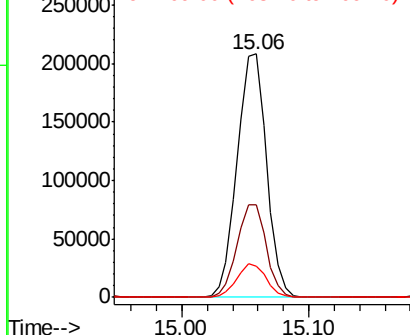
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 35.296 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

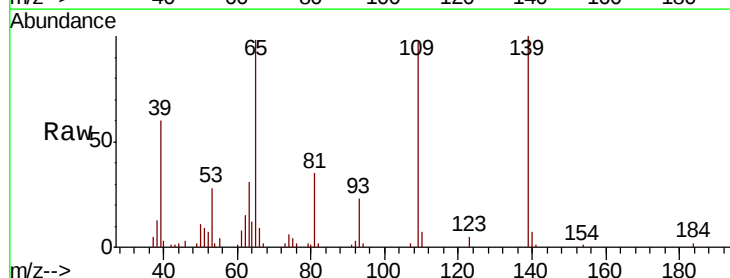
Tgt Ion:139 Resp: 39907

Ion Ratio Lower Upper

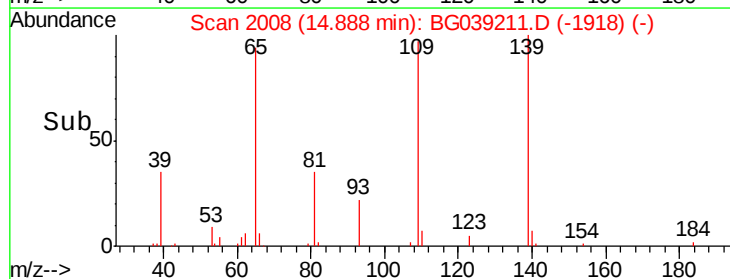
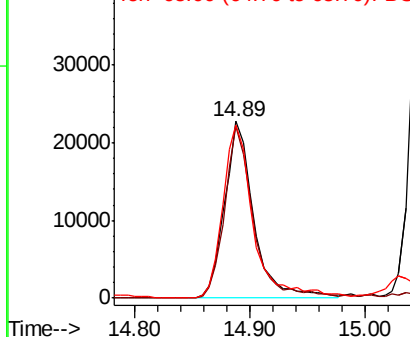
139 100

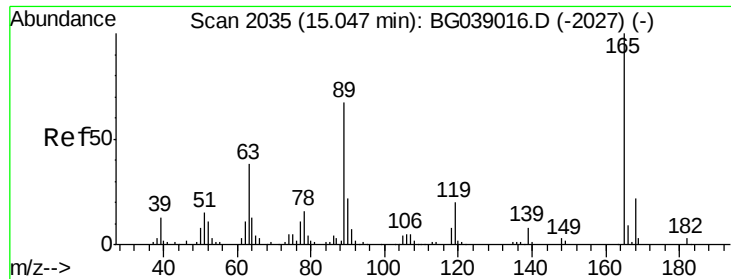
109 97.4 75.6 115.6

65 98.0 81.2 121.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 38.859 ng

RT: 15.03 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

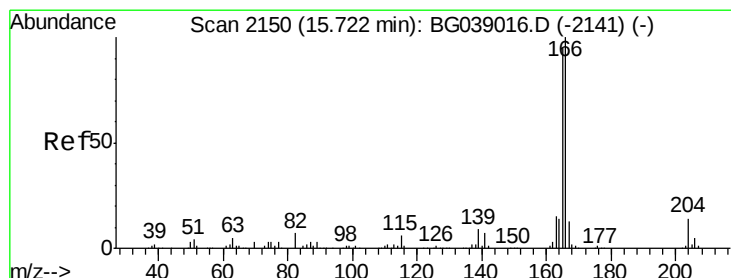
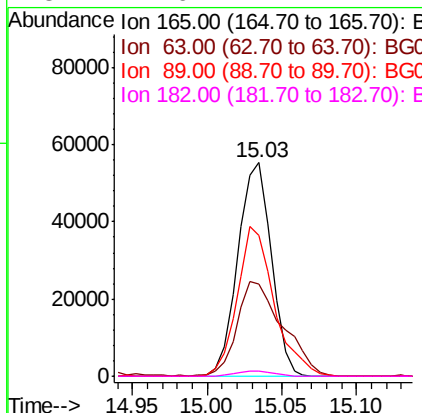
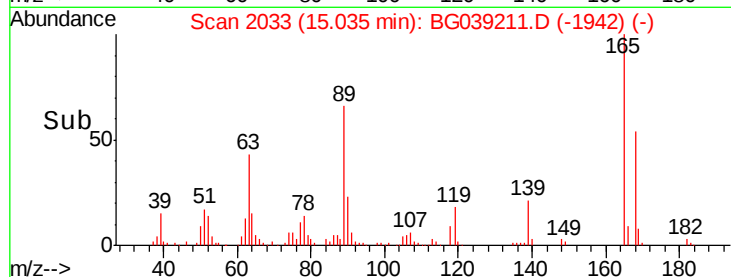
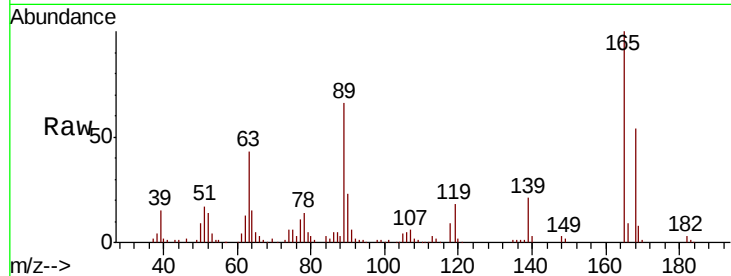
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		86356		
63	43.0		30.2	45.4	
89	66.0		53.2	79.8	
182	2.6		2.7	4.1	#

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#58

Fluorene

Concen: 39.640 ng

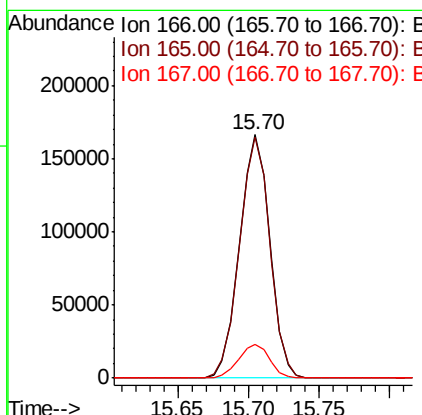
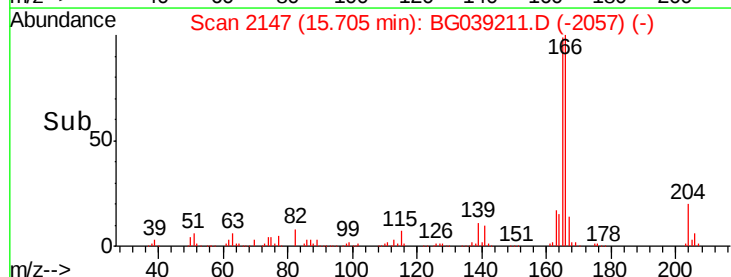
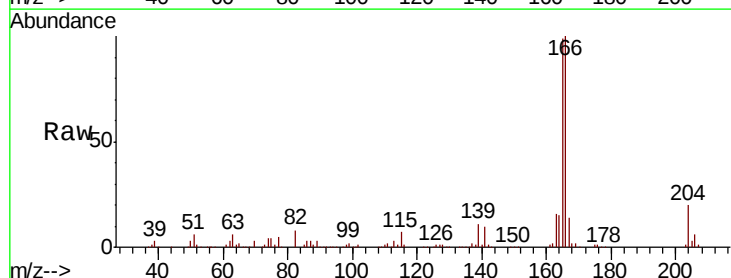
RT: 15.70 min Scan# 2147

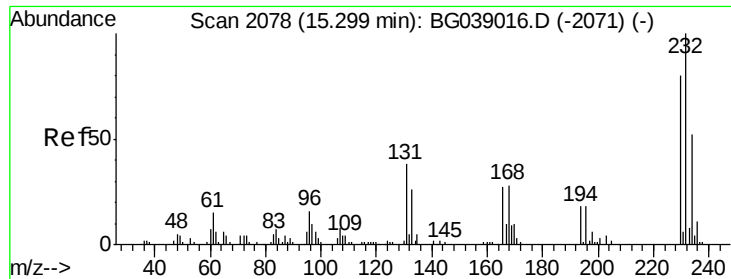
Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		250184		
165	99.0		76.2	114.2	
167	13.7		10.6	16.0	





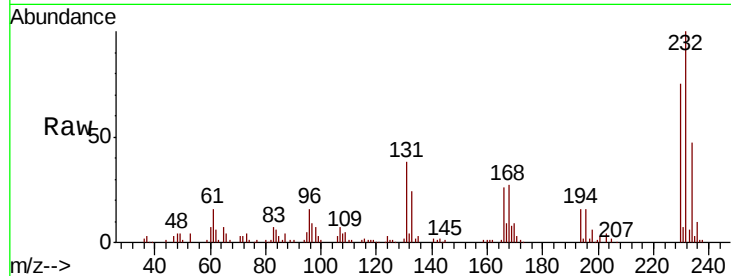
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.713 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.1	30.9	46.3
130	2.3	1.9	2.9
166	25.9	22.1	33.1

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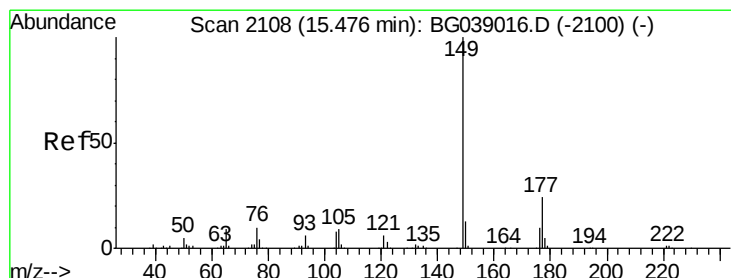
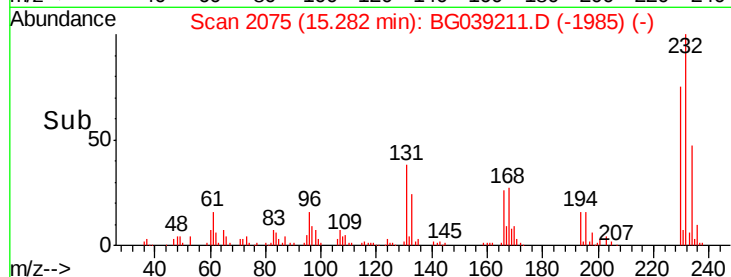
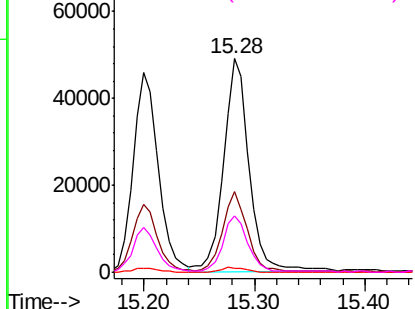
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

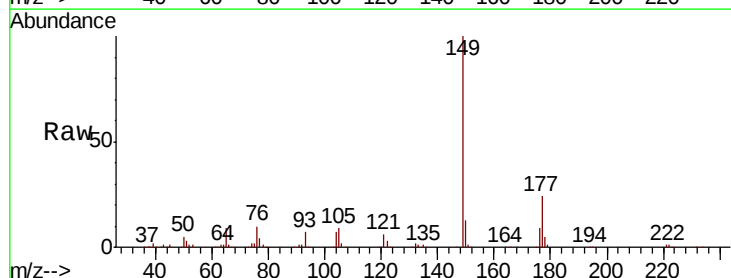
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.048 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.0	28.6
150	12.9	10.2	15.4

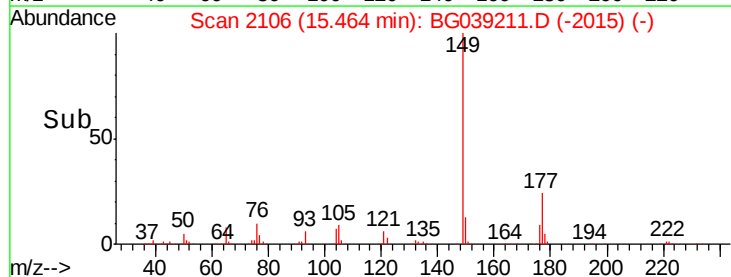
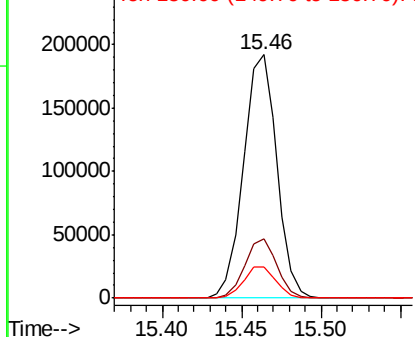


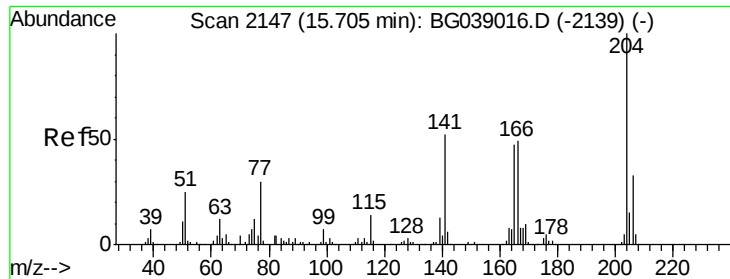
Abundance

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: 40.691 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

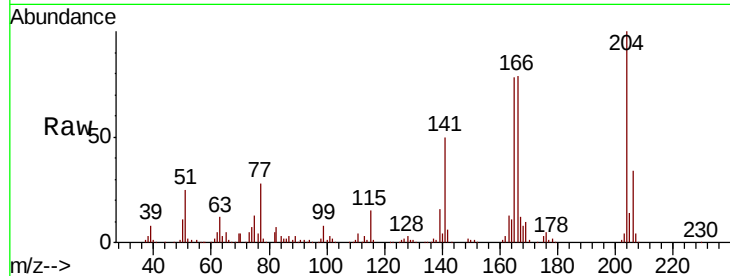
ClientSampleId :

SSTDCCC040EC

Tot Ion:	204	Resp:	161800
Ion Ratio	Lower	Upper	
204	100		
206	34.2	26.6	39.8
141	50.4	41.4	62.0

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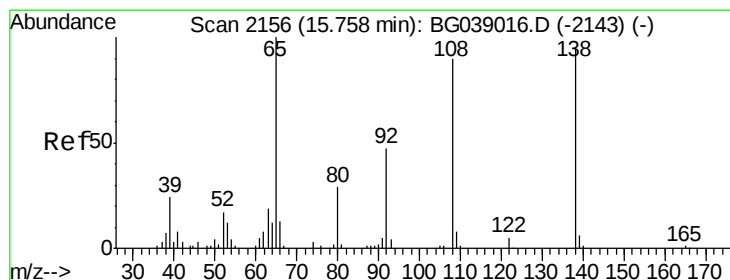
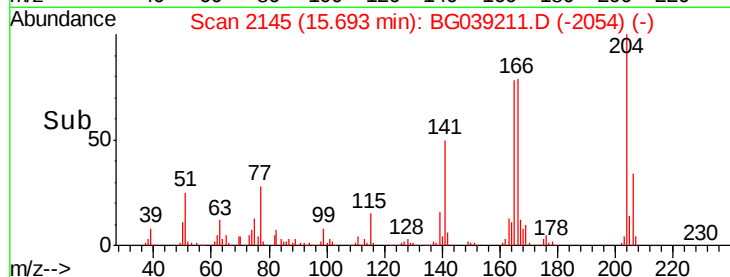
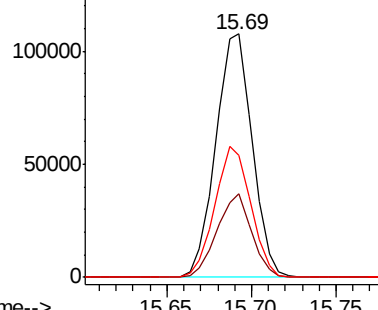


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 37.721 ng

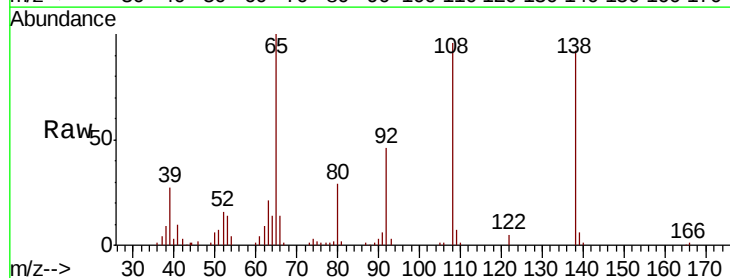
RT: 15.75 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:	138	Resp:	61747
Ion Ratio	Lower	Upper	
138	100		
92	49.3	29.7	69.7
108	103.9	75.7	115.7

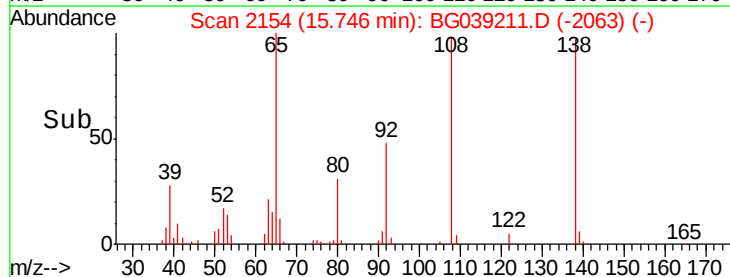
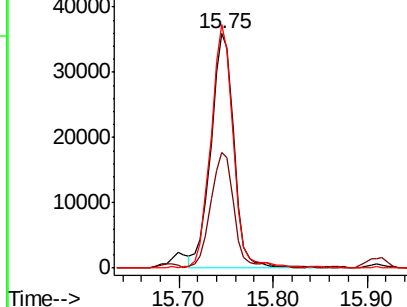


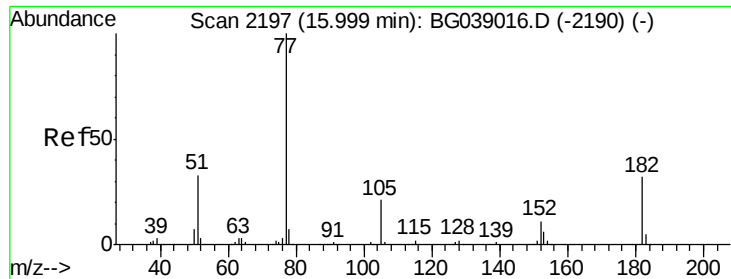
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





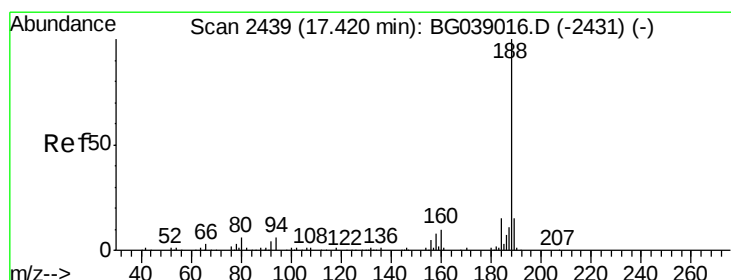
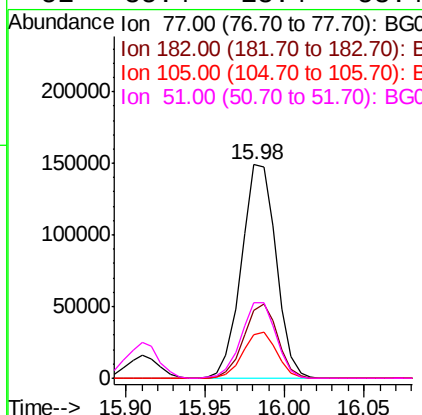
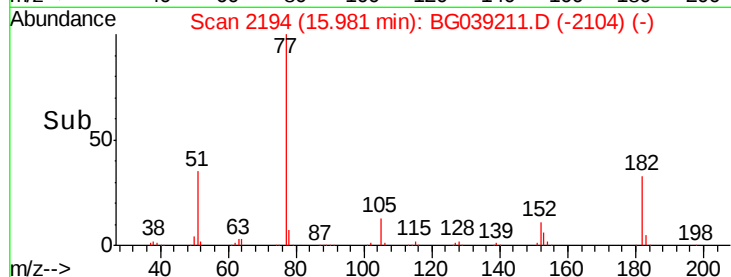
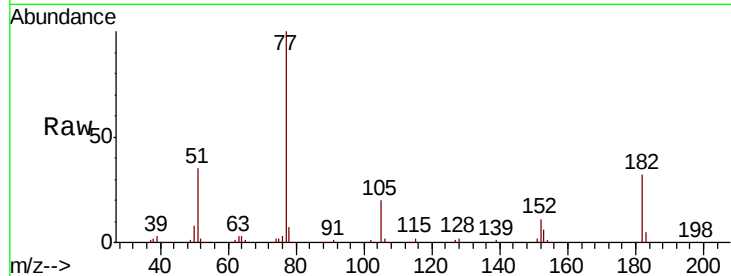
#63
Azobenzene
Concen: 40.581 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.5	12.2	52.2	
105	20.5	1.2	41.2	
51	35.4	13.4	53.4	

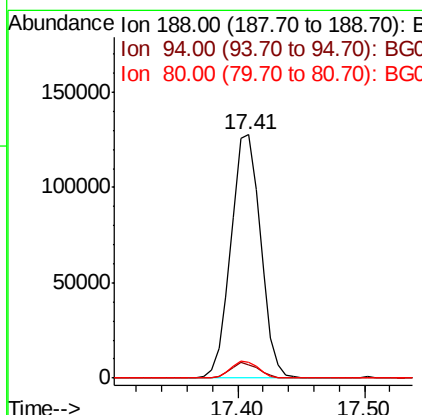
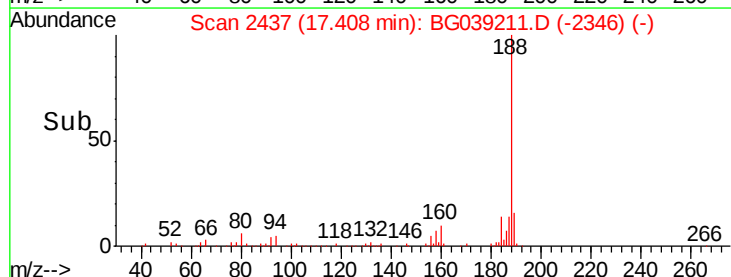
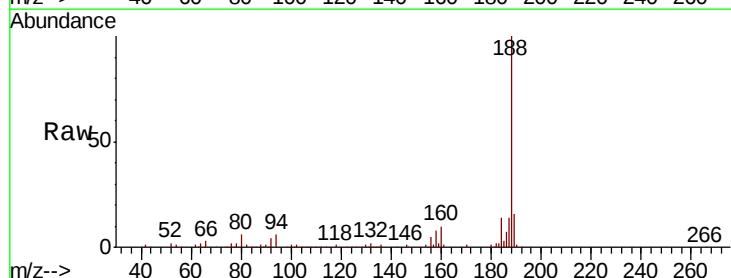
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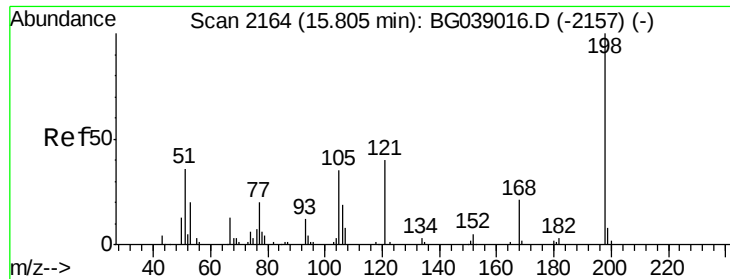
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.5	5.0	7.4	
80	6.5	4.7	7.1	





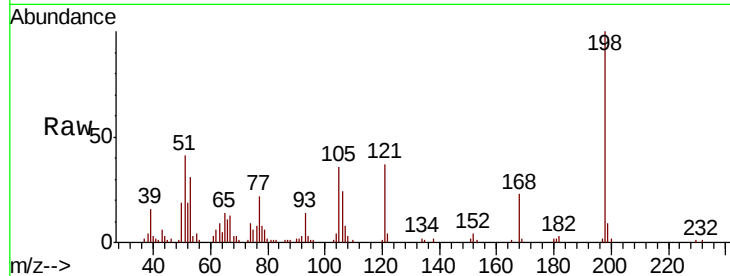
#65
4,6-Dinitro-2-methylphenol
Concen: 29.766 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.5	20.8	60.8
105	35.8	16.1	56.1

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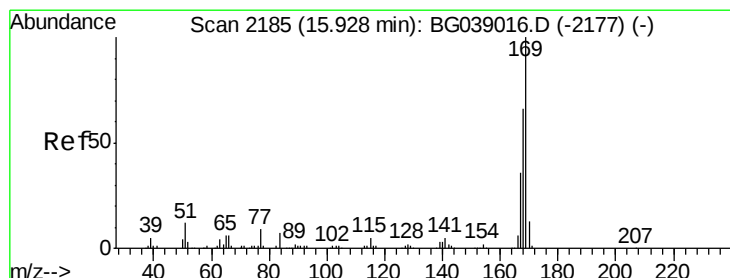
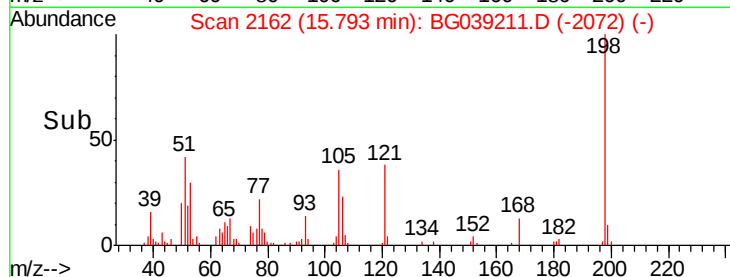
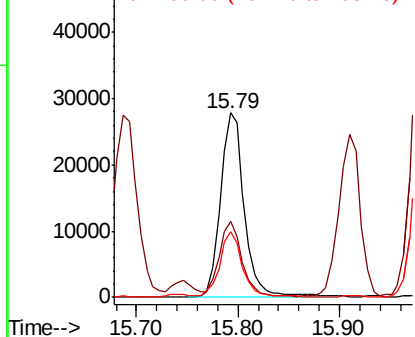


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 40.917 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

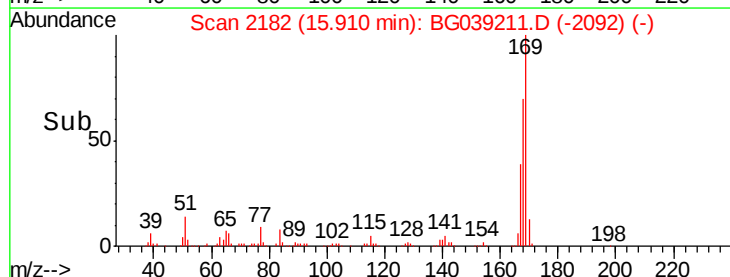
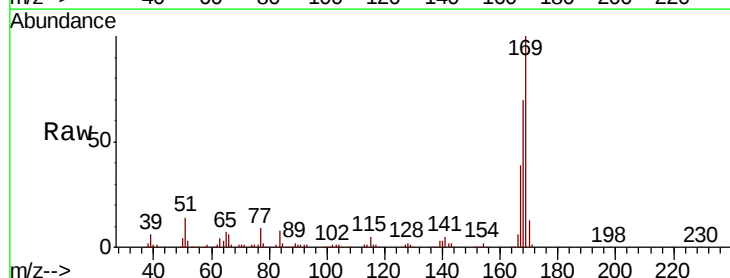
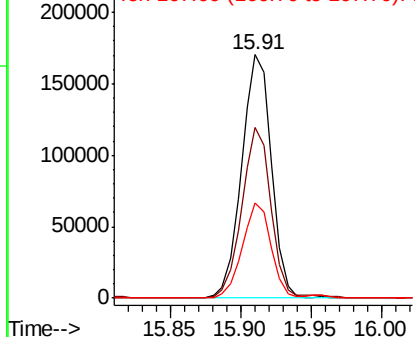
Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	53.2	79.8
167	38.9	29.1	43.7

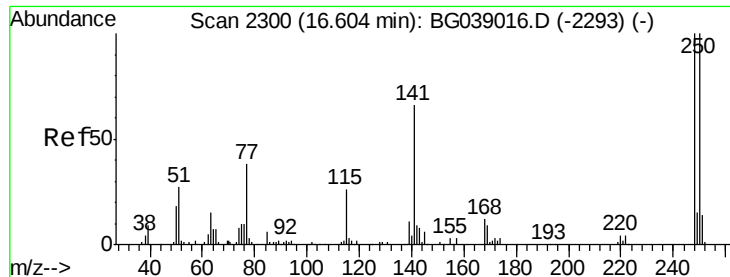
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





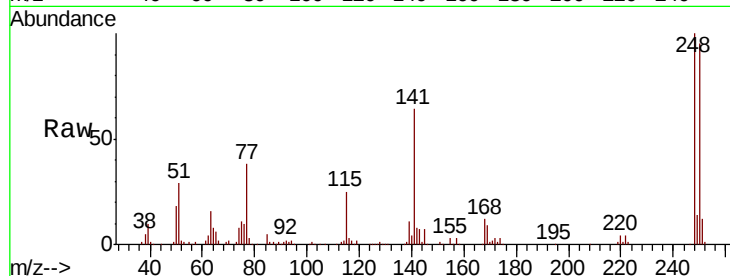
#67
4-Bromophenyl-phenylether
Concen: 40.639 ng
RT: 16.59 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	79.9	119.9
141	63.9	52.7	79.1

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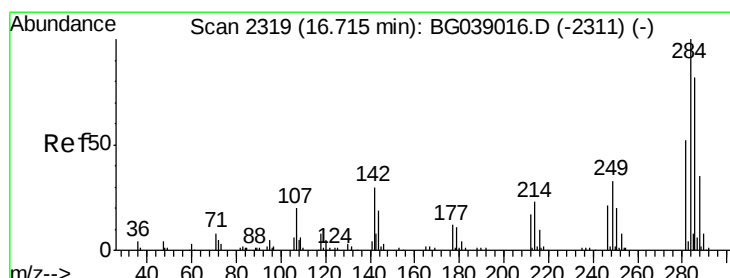
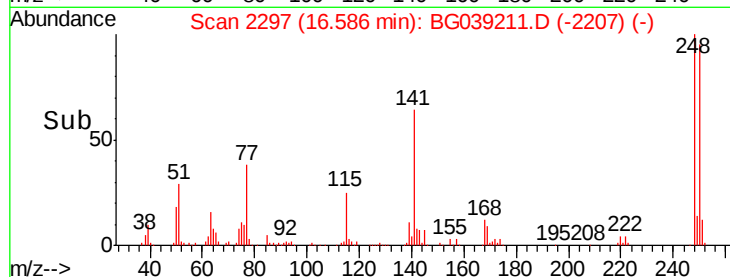
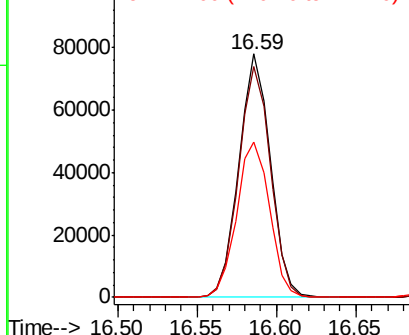


Abundance

Ion 248.00 (247.70 to 248.70): E

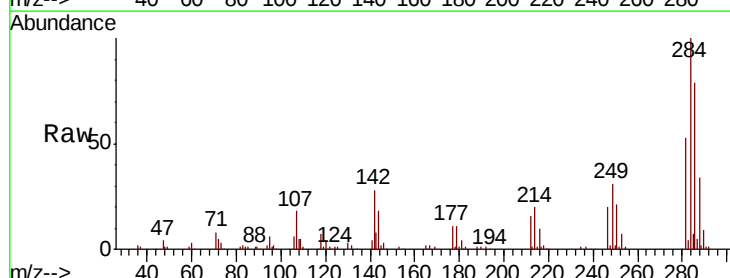
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.421 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	24.3	36.5
249	33.3	27.8	41.8

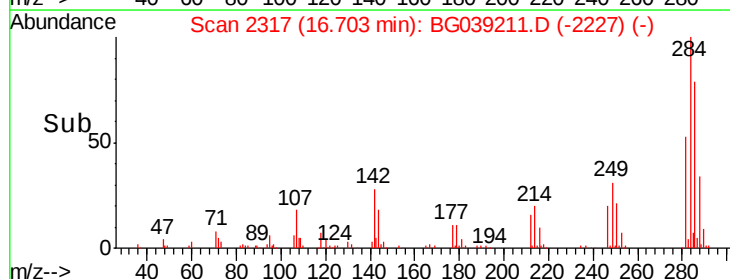
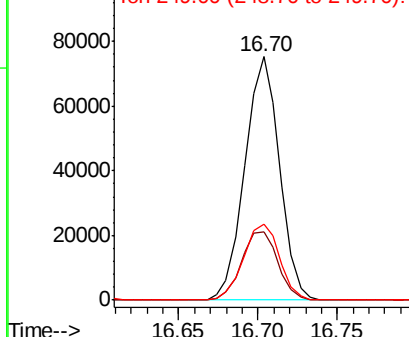


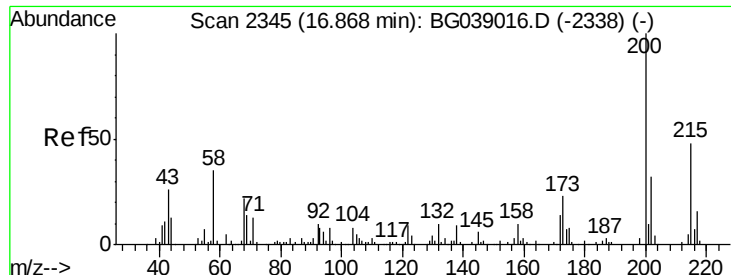
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





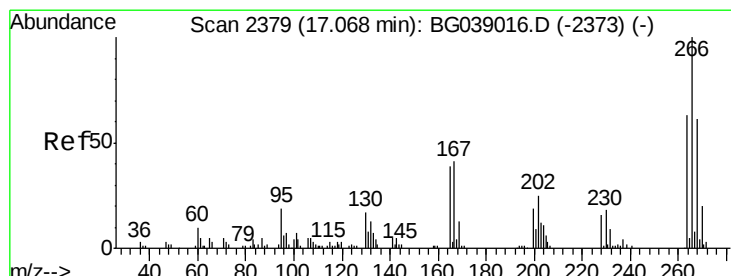
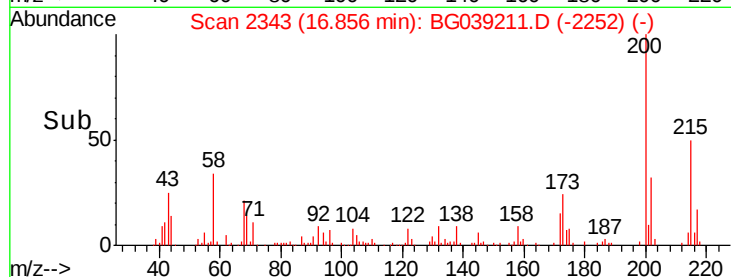
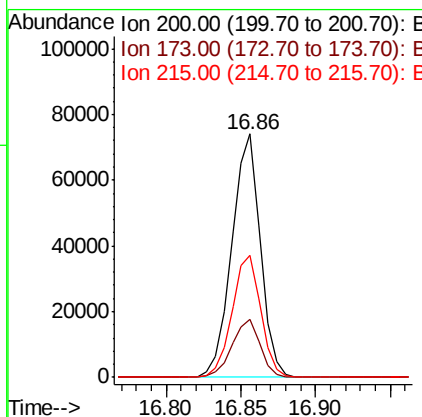
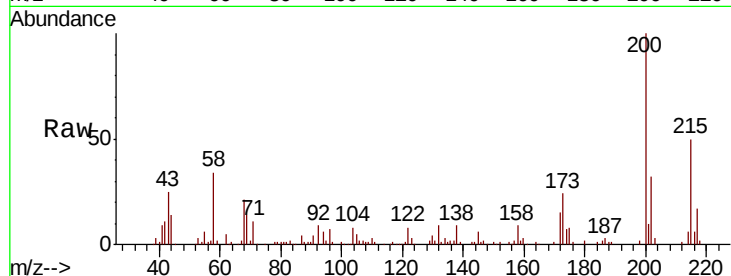
#69
 Atrazine
 Concen: 38.191 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	2.6	42.6
215	50.3	28.0	68.0

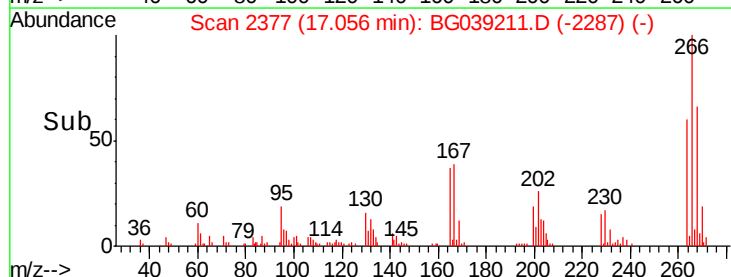
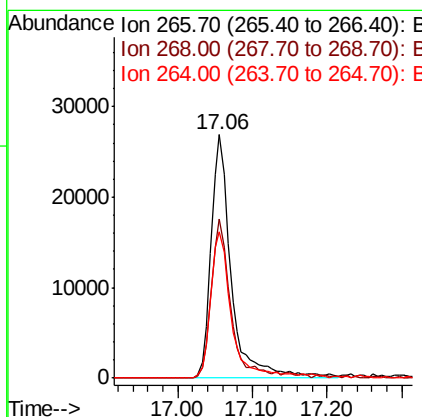
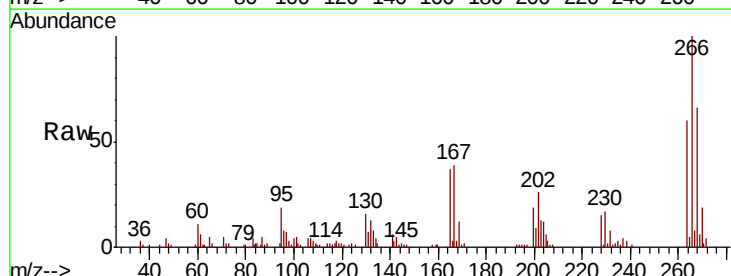
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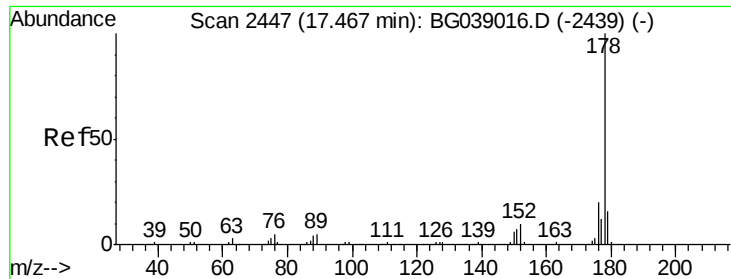
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#70
 Pentachlorophenol
 Concen: 32.141 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.8	52.0	78.0
264	65.2	54.6	81.8





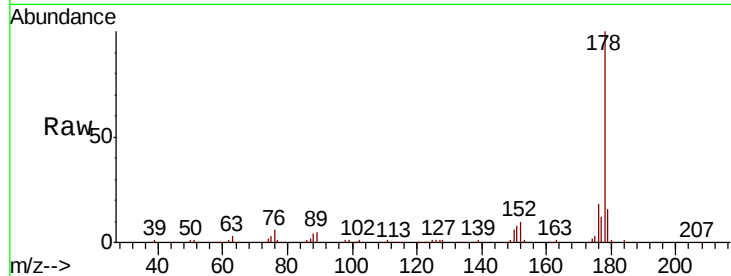
#71
Phenanthrene
Concen: 37.988 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

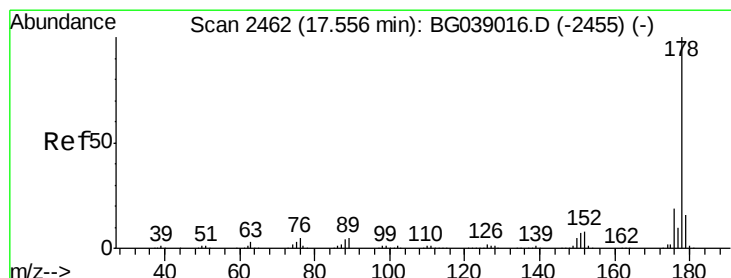
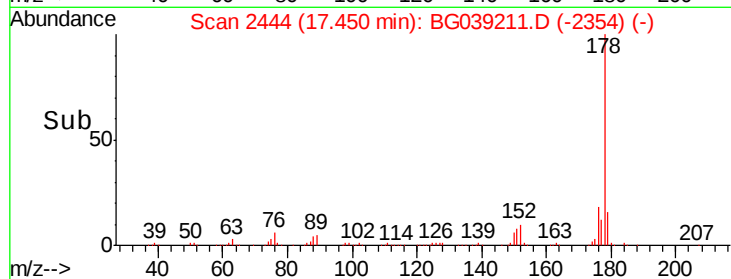
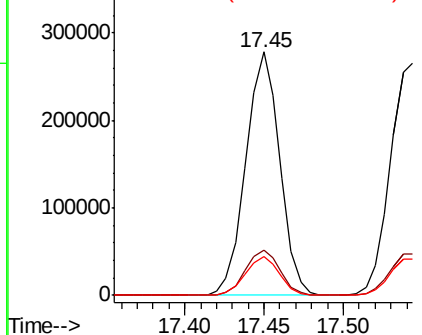
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.7	23.5
179	16.0	12.9	19.3

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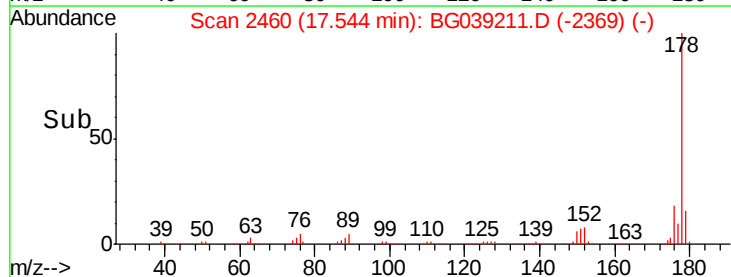
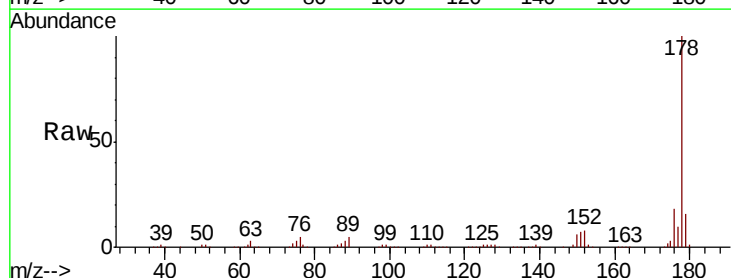
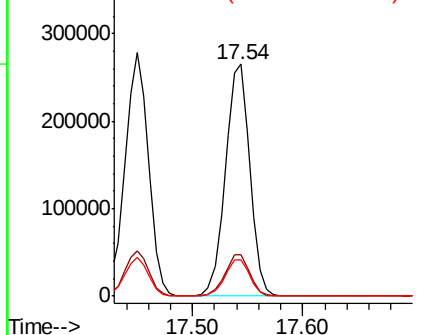
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 37.985 ng
RT: 17.54 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.9	22.3
179	15.9	13.0	19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





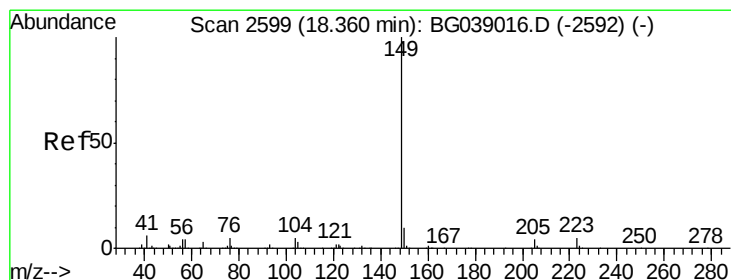
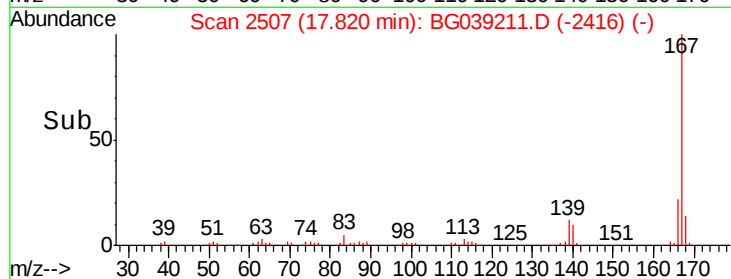
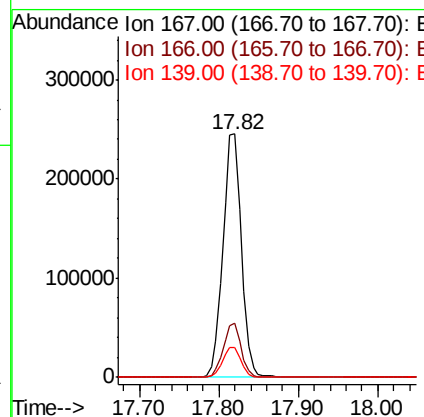
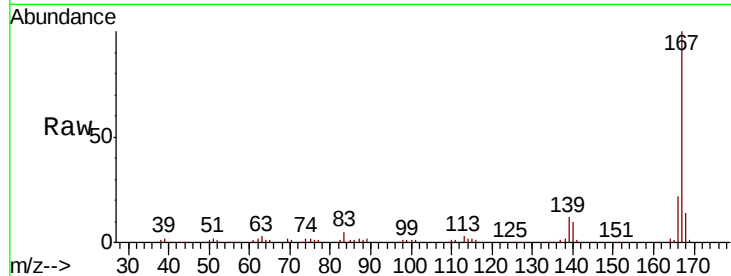
#73
 Carbazole
 Concen: 37.239 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	16.9	25.3
139	12.3	10.0	15.0

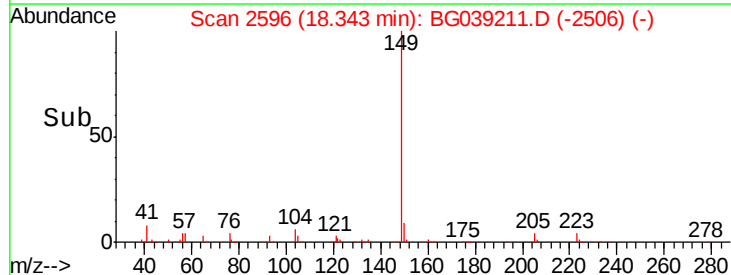
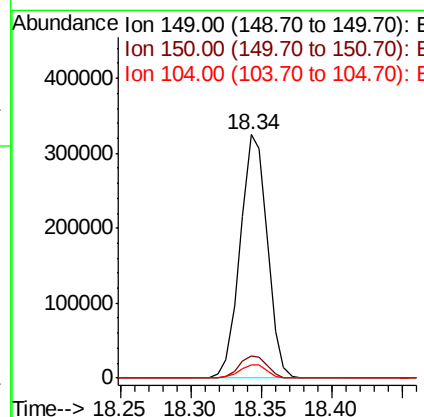
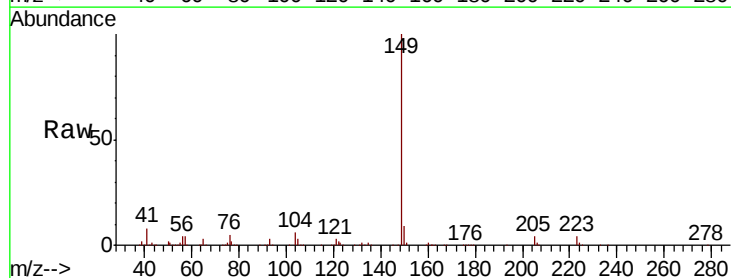
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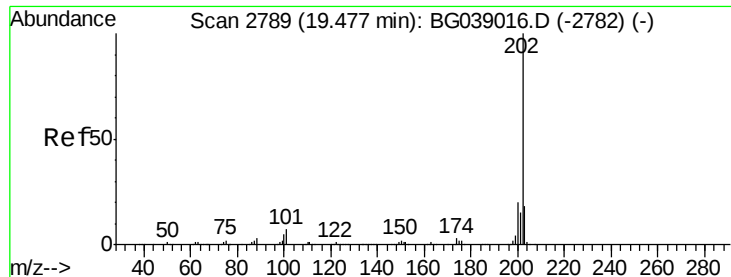
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#74
 Di-n-butylphthalate
 Concen: 36.716 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG039211.D
 Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.7	4.2	6.2





#75

Fluoranthene

Concen: 37.498 ng

RT: 19.46 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

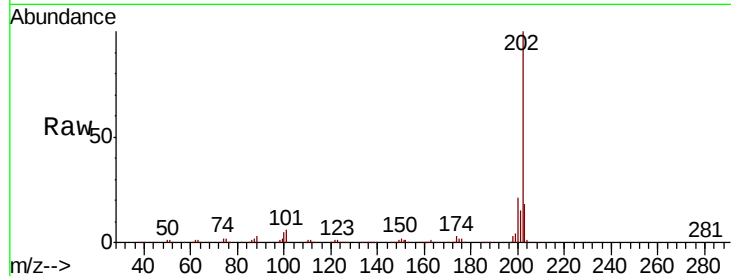
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	506237
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	26.9
203	17.9	0.0	38.1

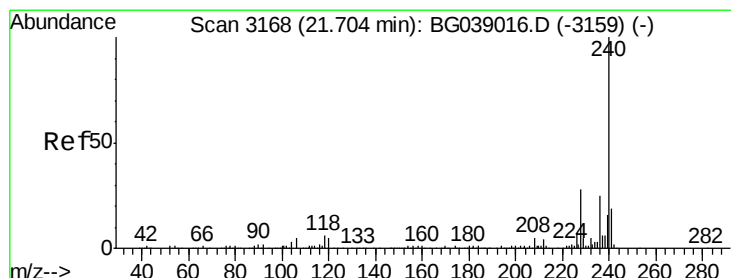
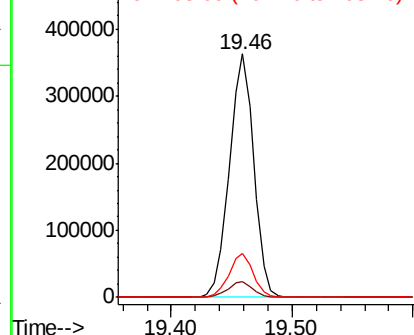
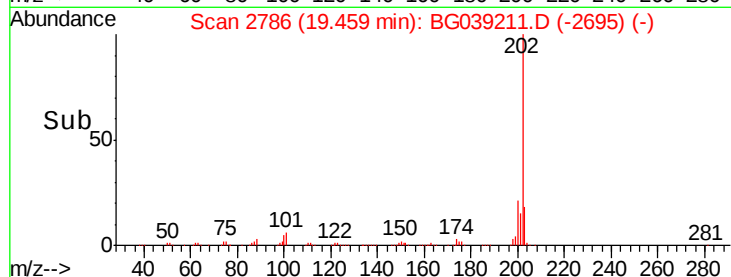
Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.46



#76

Chrysene-d12

Concen: 20.000 ng

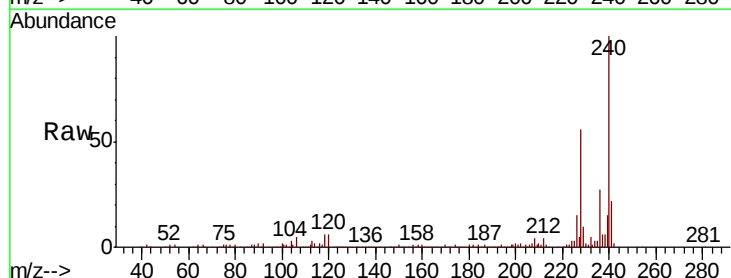
RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039211.D

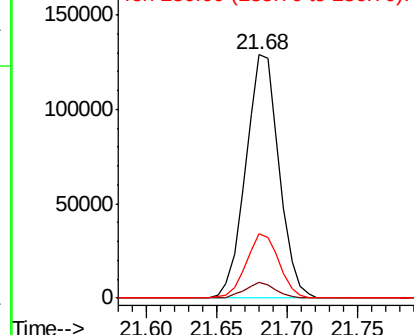
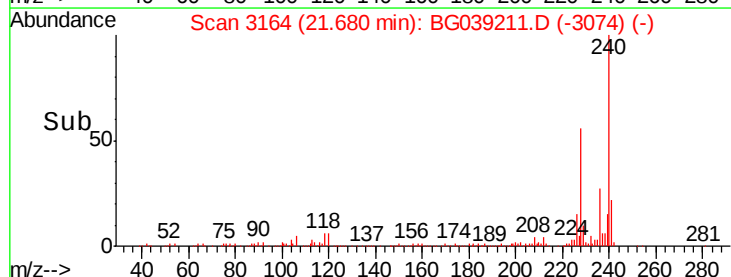
Acq: 18 Jan 2019 9:02

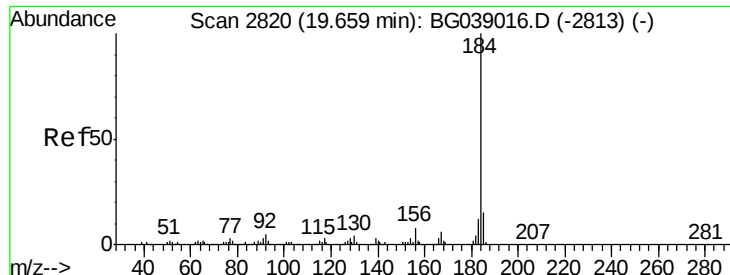
Tgt Ion:	240	Resp:	213232
Ion Ratio	Lower	Upper	
240	100		
120	6.3	4.3	6.5
236	26.5	20.1	30.1



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

21.68





#77

Benzidine

Concen: 29.616 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

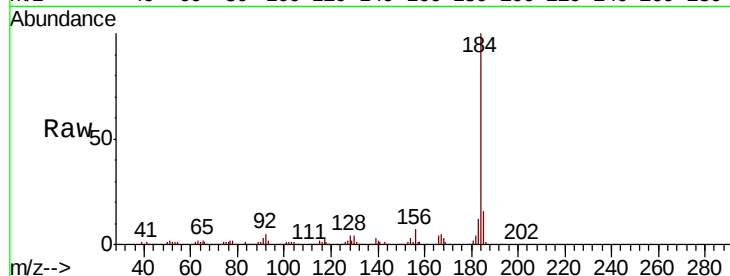
ClientSampleId :

SSTDCCC040EC

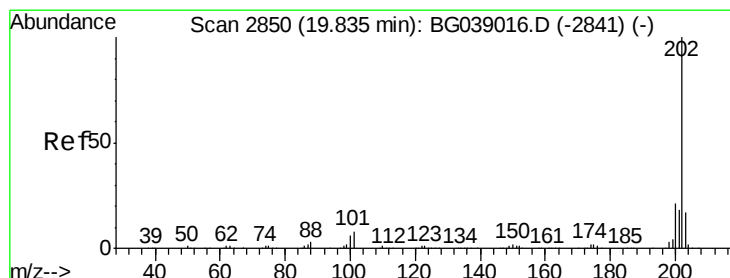
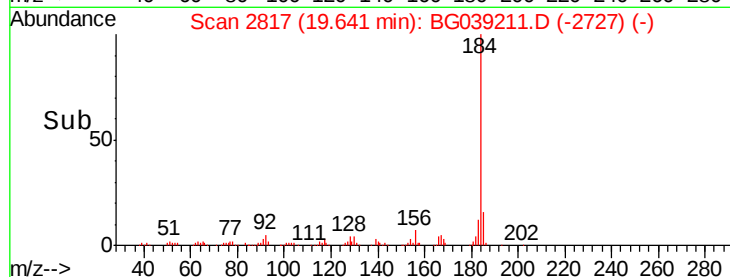
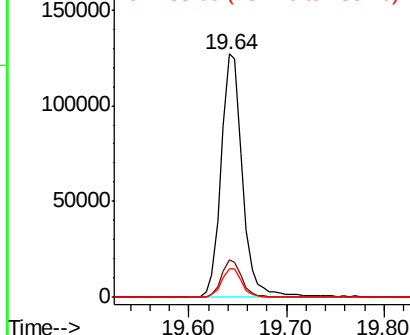
Tot Ion:	184	Resp:	193151
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.1	18.1
183	11.7	9.5	14.3

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



#78

Pyrene

Concen: 37.670 ng

RT: 19.82 min Scan# 2848

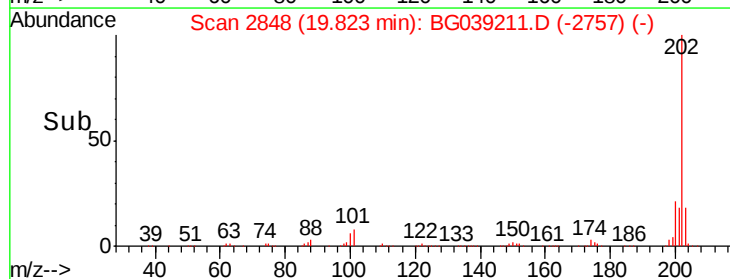
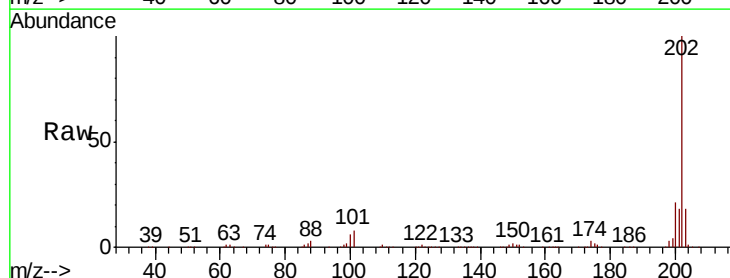
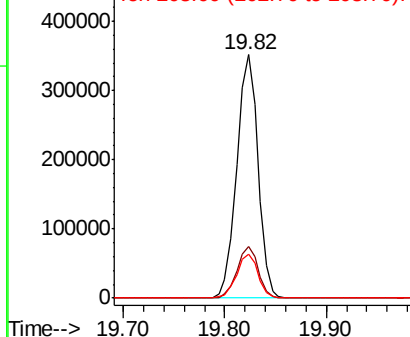
Delta R.T. 0.00 min

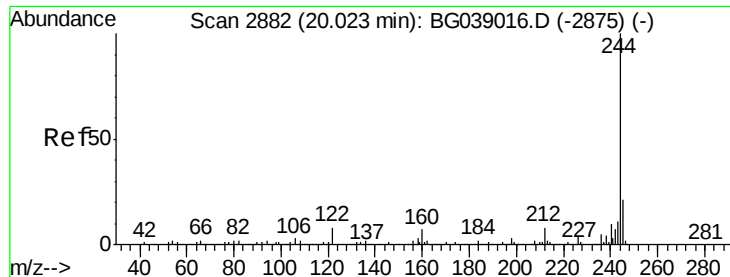
Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:	202	Resp:	511896
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.6
203	18.2	14.0	21.0

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





#79

Terphenyl-d14

Concen: 73.762 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

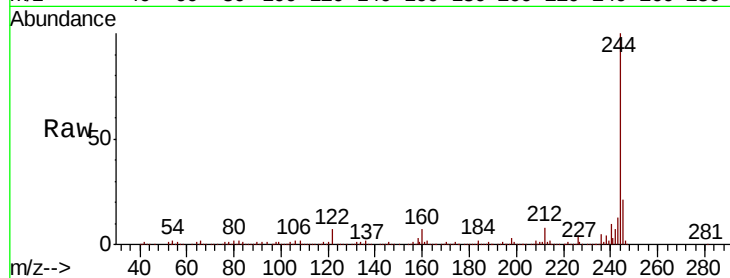
ClientSampleId :

SSTDCCC040EC

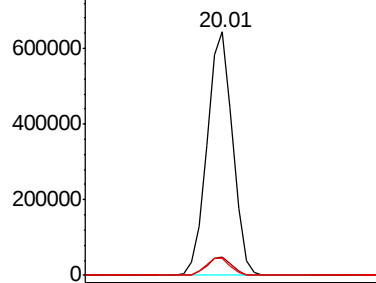
Tot Ion:	244	Resp:	850233
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.1	9.1
122	6.9	6.1	9.1

Manual Integrations
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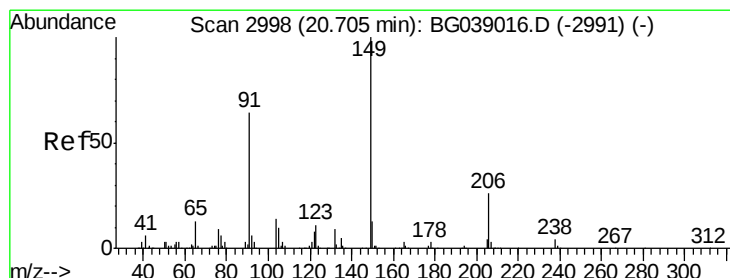
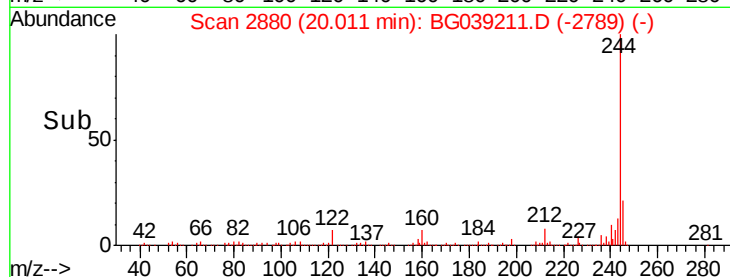
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 37.773 ng

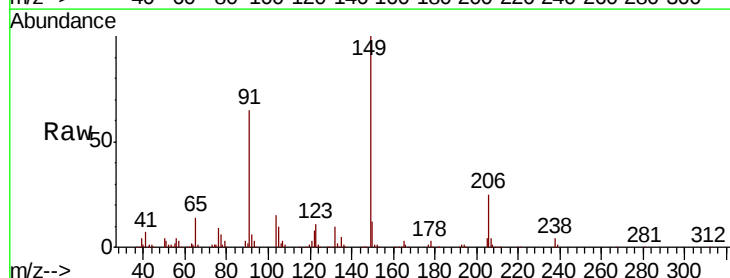
RT: 20.69 min Scan# 2995

Delta R.T. -0.00 min

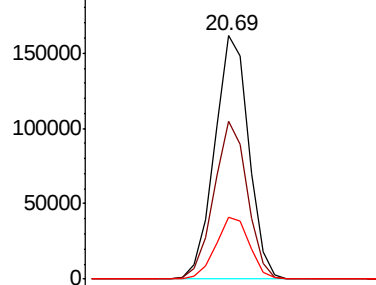
Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

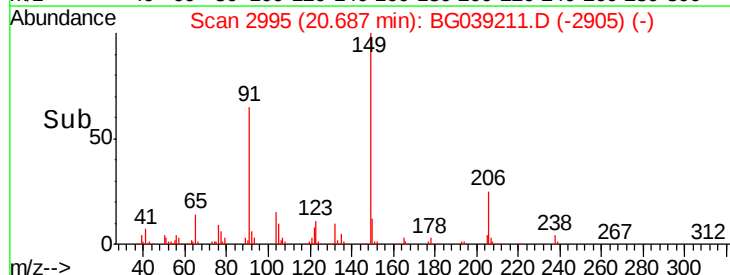
Tgt Ion:	149	Resp:	195227
Ion Ratio	Lower	Upper	
149	100		
91	64.7	51.4	77.0
206	25.4	20.4	30.6

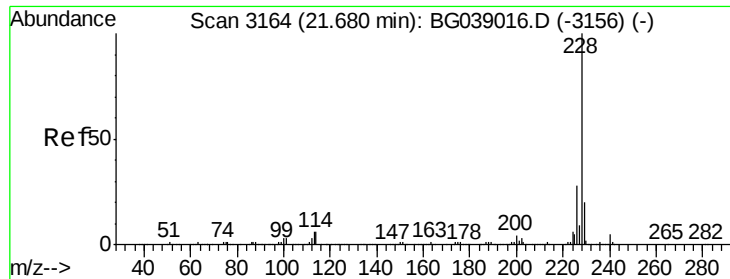


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 38.144 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

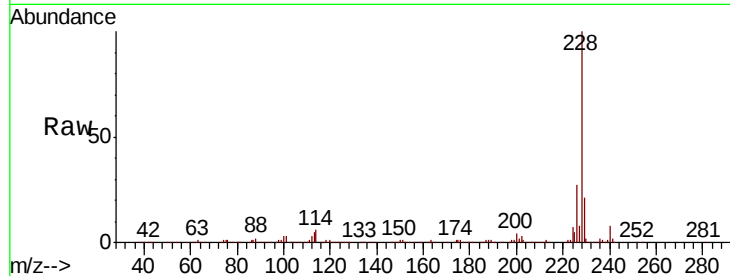
ClientSampleId :

SSTDCCC040EC

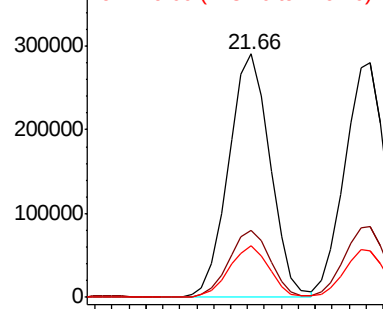
Tot Ion:	228	Resp:	495126
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.4	33.6
229	21.1	16.2	24.2

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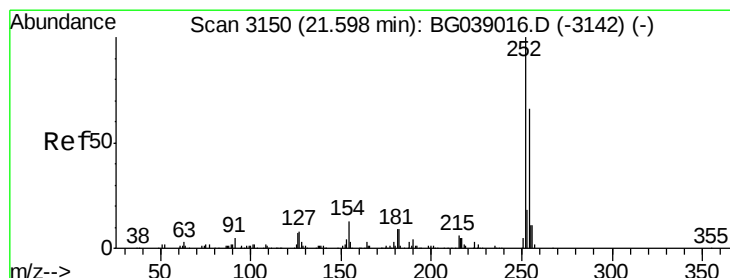
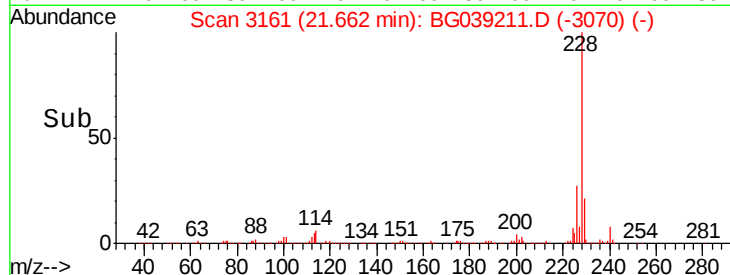
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 37.982 ng

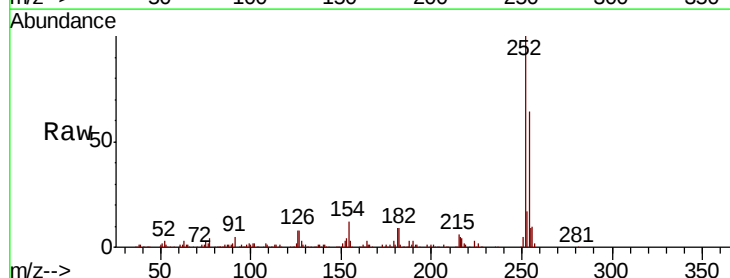
RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

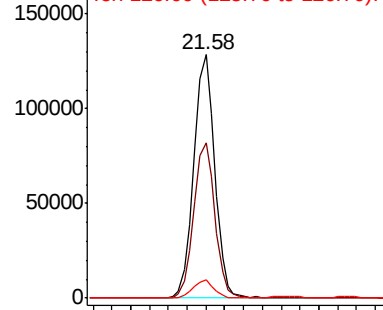
Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

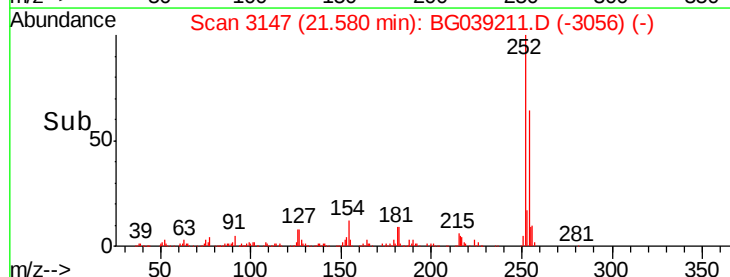
Tgt Ion:	252	Resp:	200883
Ion Ratio	Lower	Upper	
252	100		
254	63.9	53.0	79.6
126	7.7	6.0	9.0

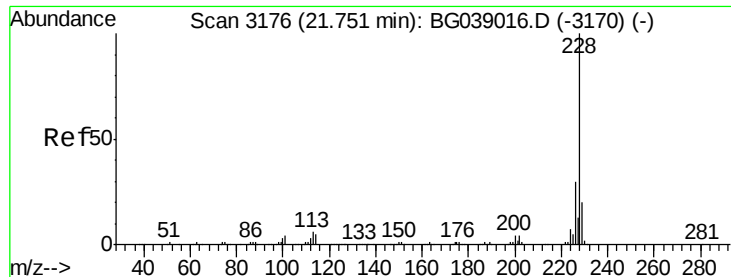


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrvsene

Concen: 37.893 ng

RT: 21.73 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

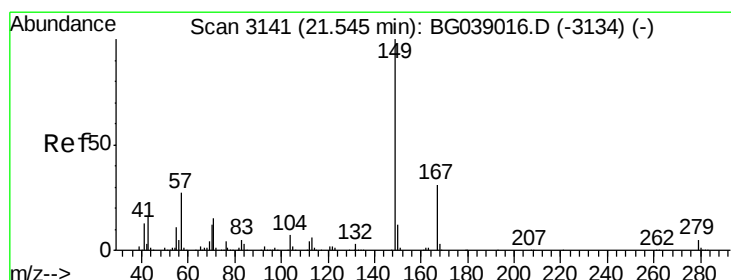
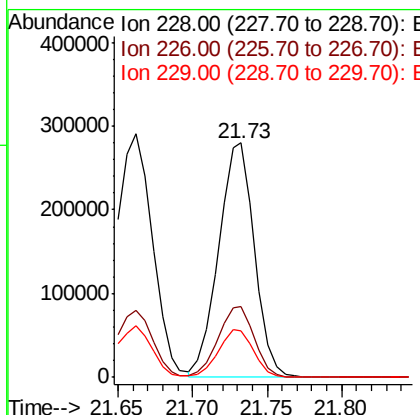
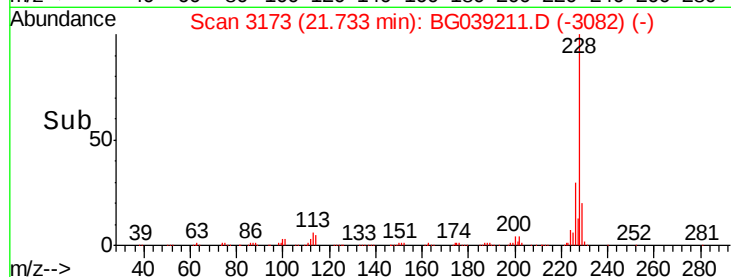
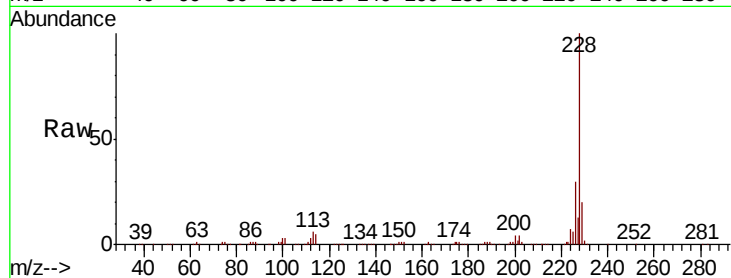
ClientSampleId :

SSTDCCC040EC

Tot Ion:	228	Resp:	467817
Ion Ratio		Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.9	16.0	24.0

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 38.610 ng

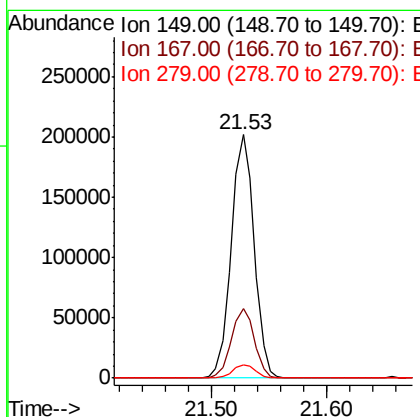
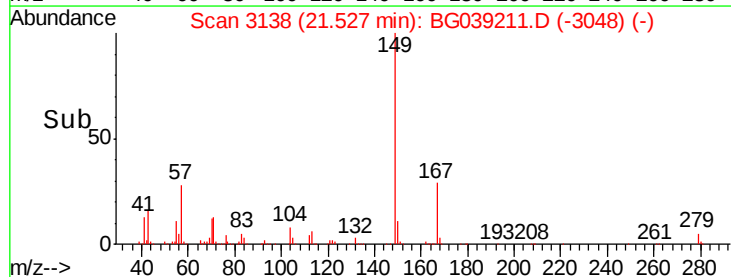
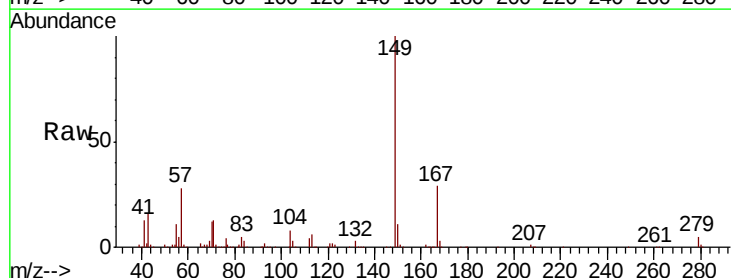
RT: 21.53 min Scan# 3138

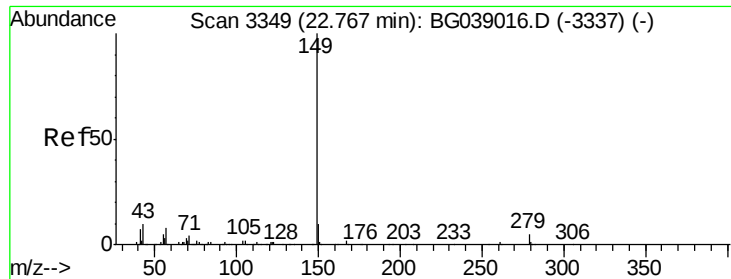
Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:	149	Resp:	277083
Ion Ratio		Lower	Upper
149	100		
167	28.8	25.0	37.4
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 37.630 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

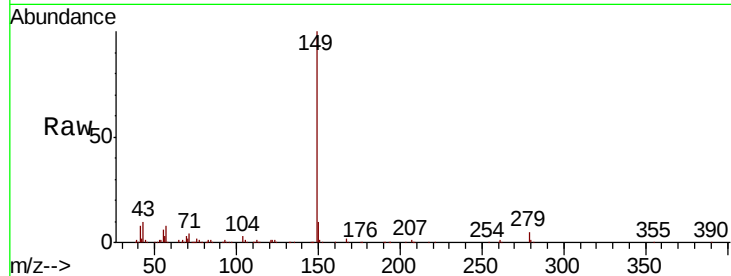
ClientSampleId :

SSTDCCC040EC

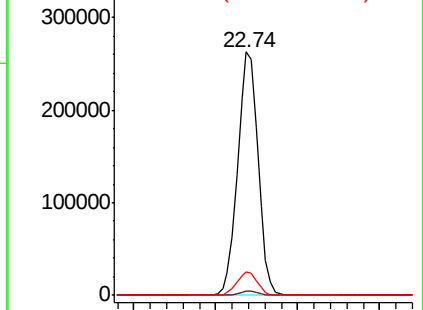
Tot Ion:	149	Resp:	456631
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	9.6	7.5	11.3

Manual Integrations
APPROVED

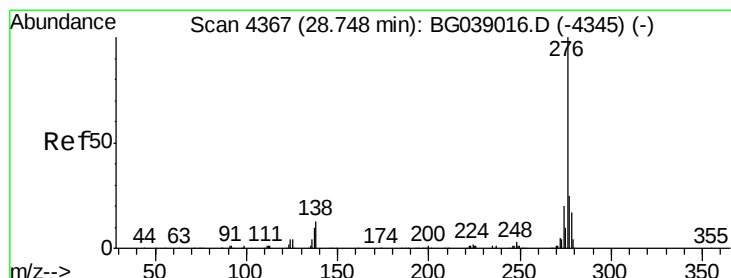
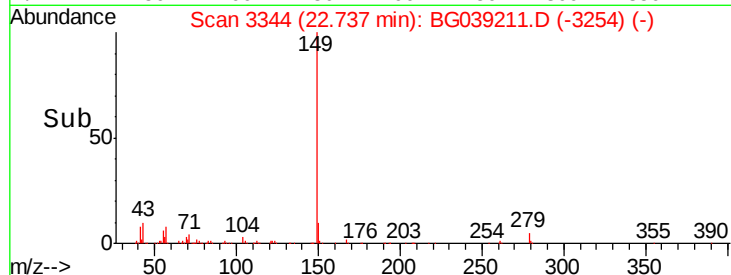
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



Time--> 22.60 22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.980 ng

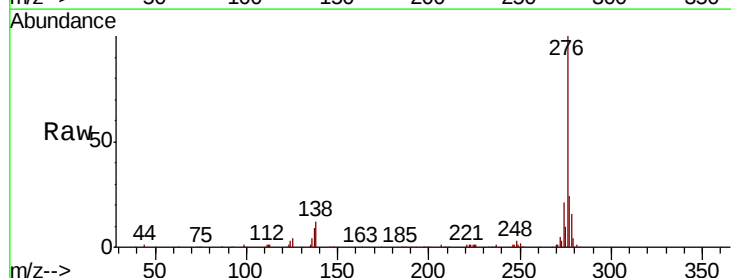
RT: 28.69 min Scan# 4357

Delta R.T. -0.00 min

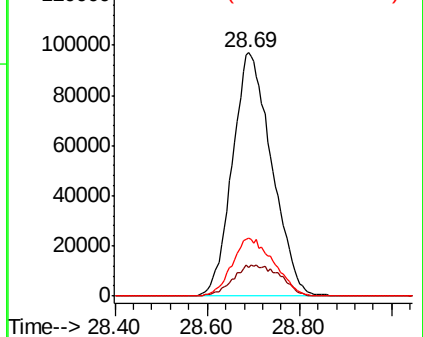
Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

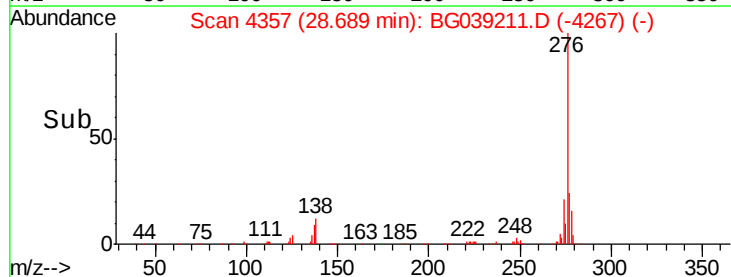
Tgt Ion:	276	Resp:	575025
Ion Ratio	Lower	Upper	
276	100		
138	15.1	8.0	12.0#
277	25.2	20.3	30.5

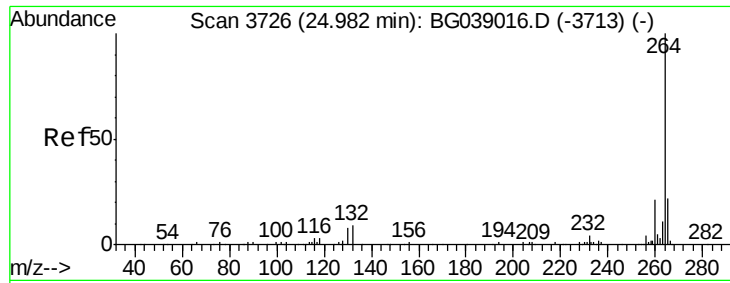


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 28.40 28.60 28.80





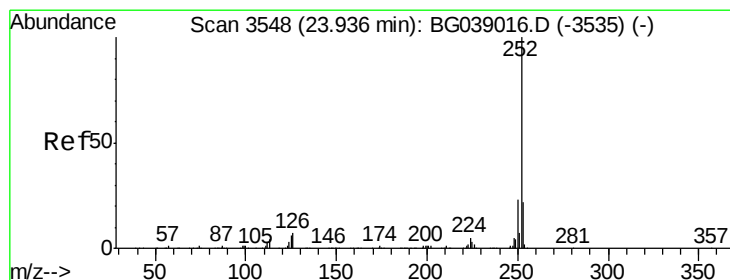
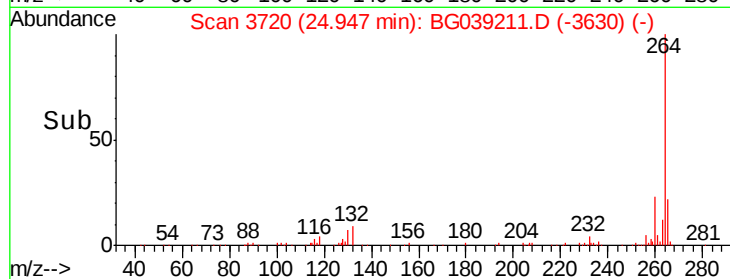
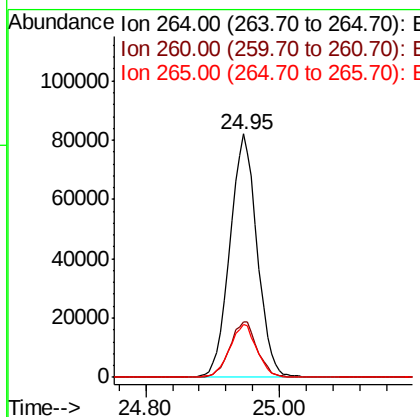
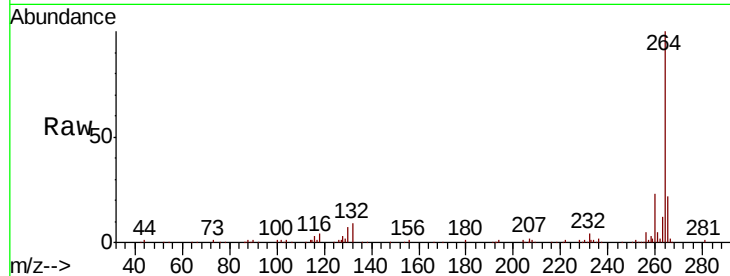
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.0	25.6
265	21.9	17.2	25.8

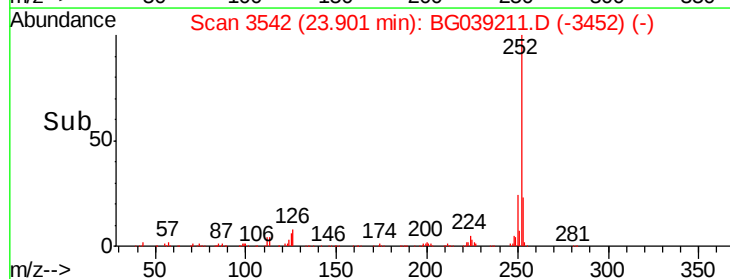
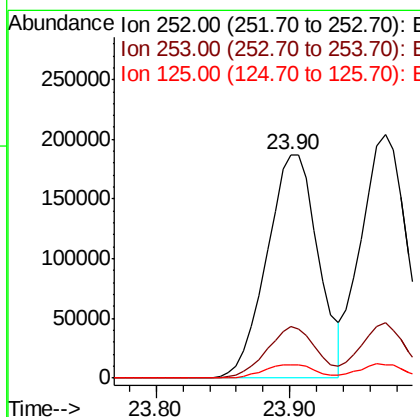
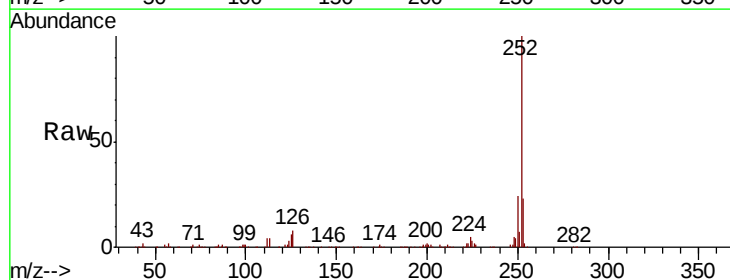
Manual Integrations
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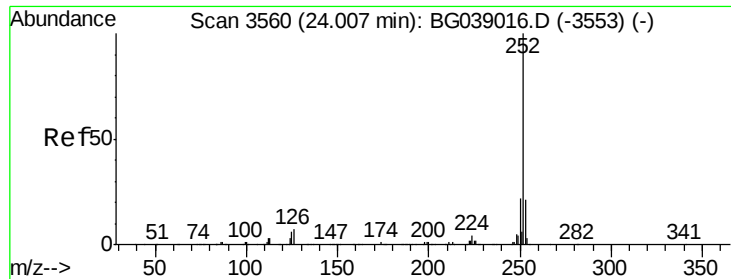
Sohil
1/18/2019 11:24:20 AM



#88
Benzo(b)fluoranthene
Concen: 38.989 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG039211.D
Acq: 18 Jan 2019 9:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	6.2	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 37.999 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

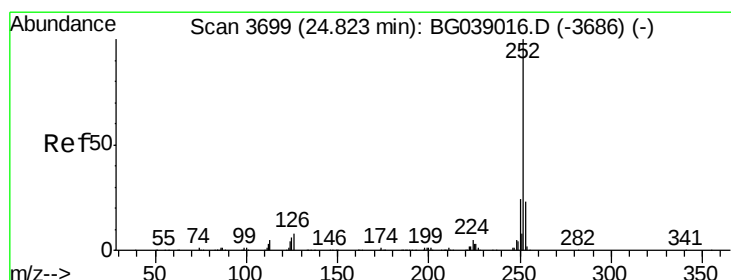
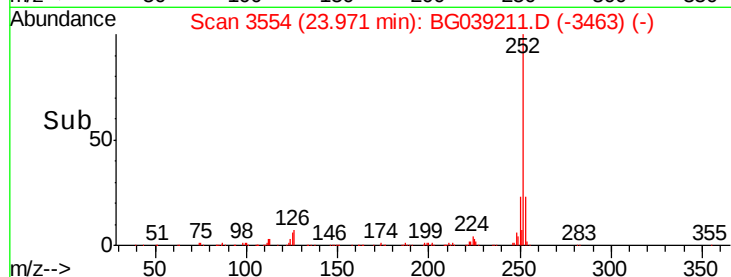
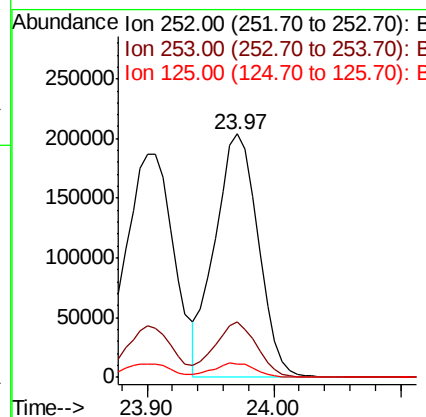
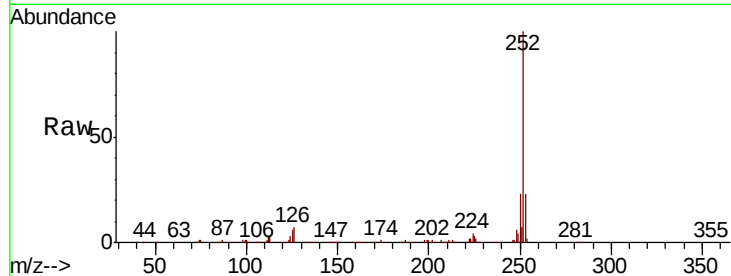
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	482494
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	5.7	4.6	7.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 38.470 ng

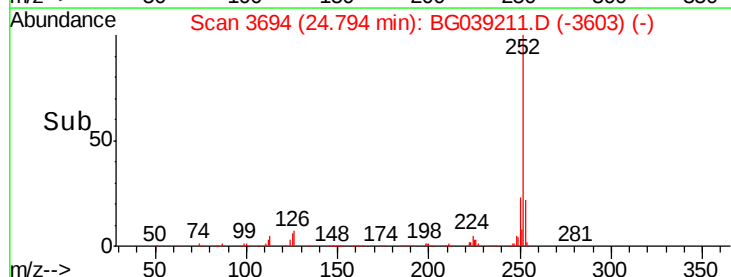
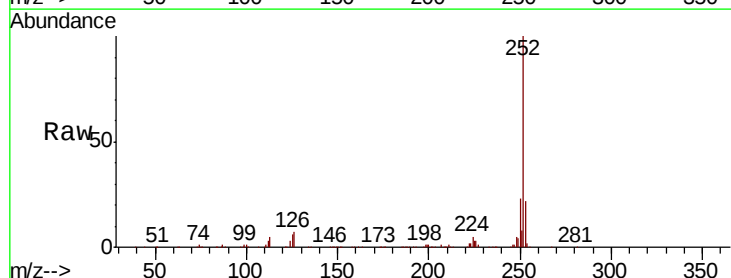
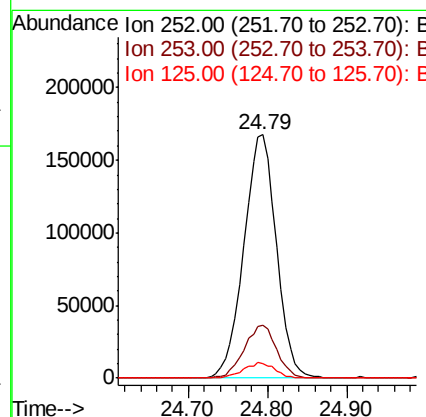
RT: 24.79 min Scan# 3694

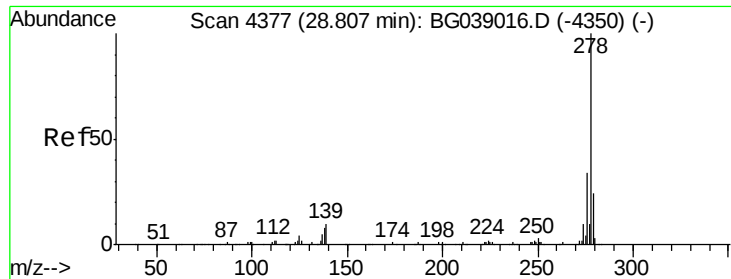
Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:	252	Resp:	477532
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.3	27.5
125	6.0	4.9	7.3





#91

Dibenzo(a,h)anthracene

Concen: 38.677 ng

RT: 28.75 min Scan# 4367

Delta R.T. 0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Instrument :

BNA_G

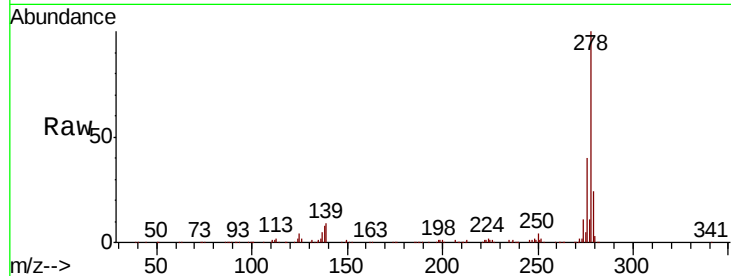
ClientSampleId :

SSTDCCC040EC

Tot Ion:	278	Resp:	477550
Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.9	11.9
279	24.0	19.3	28.9

Manual Integrations
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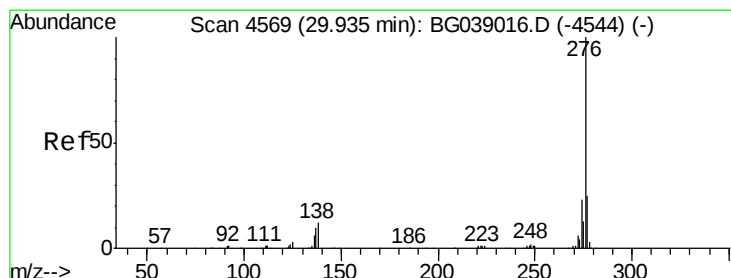
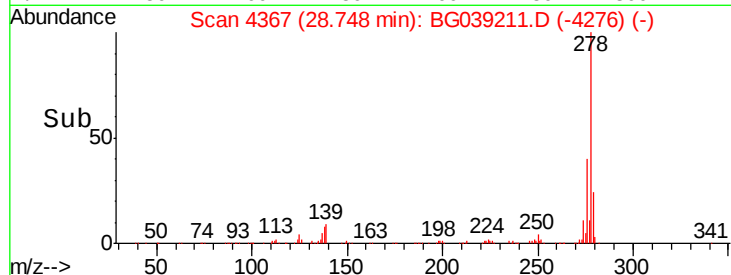
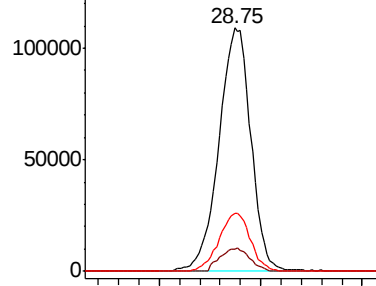


Abundance

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: 38.576 ng

RT: 29.87 min Scan# 4558

Delta R.T. -0.00 min

Lab File: BG039211.D

Acq: 18 Jan 2019 9:02

Tgt Ion:	276	Resp:	471526
Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.3	30.5
138	12.3	9.4	14.2

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

