

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039460.D
 Acq On : 12 Feb 2019 12:33
 Operator : JU/SJ
 Sample : PB116997BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116997BS

Manual Integrations
 APPROVED

Sohil
 2/13/2019 9:56:42 AM

Quant Time: Feb 12 13:16:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54499	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	284819	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	214652	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	494312	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	422980	20.00	ng	-0.02
87) Perylene-d12	25.21	264	417044	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	408383	128.25	ng	0.00
7) Phenol-d6	7.31	99	623835	133.09	ng	0.00
23) Nitrobenzene-d5	9.35	82	357973	78.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	267247	115.62	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	956175	63.90	ng	-0.01
79) Terphenyl-d14	20.13	244	1309953	65.55	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	30157	21.651	ng	92
3) Pyridine	4.01	79	88219	23.922	ng	96
4) n-Nitrosodimethylamine	3.92	42	54092	29.329	ng	# 85
6) Aniline	7.49	93	145491	24.781	ng	98
8) 2-Chlorophenol	7.73	128	150437	43.220	ng	94
9) Benzaldehyde	7.31	77	50450	18.068	ng	99
10) Phenol	7.34	94	211476	43.282	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	133694	34.628	ng	97
12) 1,3-Dichlorobenzene	8.06	146	130933	31.052	ng	93
13) 1,4-Dichlorobenzene	8.21	146	137596	32.739	ng	100
14) 1,2-Dichlorobenzene	8.53	146	134333	33.017	ng	97
15) Benzyl Alcohol	8.41	79	147196	40.001	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	259546	29.769	ng	99
17) 2-Methylphenol	8.60	107	137999	43.645	ng	97
18) Hexachloroethane	9.26	117	48352	33.440	ng	99
19) n-Nitroso-di-n-propylamine	8.97	70	122049	36.687	ng	95
20) 3+4-Methylphenols	8.93	107	197630	45.390	ng	95
22) Acetophenone	9.00	105	223493	29.212	ng	# 94
24) Nitrobenzene	9.39	77	177828	36.104	ng	96
25) Isophorone	9.90	82	358199	35.454	ng	99
26) 2-Nitrophenol	10.10	139	86385	45.638	ng	98
27) 2,4-Dimethylphenol	10.14	122	169318	41.429	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	214460	34.463	ng	99
29) 2,4-Dichlorophenol	10.63	162	178497	39.961	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	162249	32.354	ng	99
31) Naphthalene	11.05	128	477830	33.817	ng	99
32) Benzoic acid	10.27	122	90992	36.631	ng	94
33) 4-Chloroaniline	11.15	127	117339	17.910	ng	93
34) Hexachlorobutadiene	11.31	225	101981	30.579	ng	94
35) Caprolactam	11.94	113	63413m	34.307	ng	
36) 4-Chloro-3-methylphenol	12.25	107	201248	38.958	ng	100
37) 2-Methylnaphthalene	12.63	142	383538	36.649	ng	98
38) 1-Methylnaphthalene	12.85	142	371775	36.853	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	211860	31.021	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	249453	67.029	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	155810	37.105	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	170487	38.737	nq	97
46) 1,1'-Biphenyl	13.63	154	535779	30.000	nq	99
47) 2-Chloronaphthalene	13.68	162	413986	30.813	nq	98
48) 2-Nitroaniline	13.89	65	143941	39.146	nq	94
49) Acenaphthylene	14.53	152	674306	33.261	nq	98
50) Dimethylphthalate	14.24	163	571612	32.972	nq	99
51) 2,6-Dinitrotoluene	14.37	165	128313	40.750	nq	93
52) Acenaphthene	14.86	154	414652	31.510	nq	98
53) 3-Nitroaniline	14.70	138	84632	27.079	nq	# 94
54) 2,4-Dinitrophenol	14.90	184	100827	73.355	nq	97
55) Dibenzofuran	15.19	168	675165	32.000	nq	99
56) 4-Nitrophenol	14.99	139	196251	63.869	nq	89
57) 2,4-Dinitrotoluene	15.15	165	177463	43.613	nq	86
58) Fluorene	15.84	166	536481	34.109	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	165415	40.141	nq	97
60) Diethylphthalate	15.60	149	575592	32.112	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	287044	32.230	nq	97
62) 4-Nitroaniline	15.87	138	122571	34.967	nq	95
63) Azobenzene	16.12	77	508028	28.998	nq	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	86371	45.378	nq	99
66) n-Nitrosodiphenylamine	16.04	169	495041	32.936	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	187638	34.217	nq	94
68) Hexachlorobenzene	16.83	284	191585	34.821	nq	97
69) Atrazine	16.98	200	190656	34.711	nq	97
70) Pentachlorophenol	17.18	266	353305	92.393	nq	98
71) Phenanthrene	17.59	178	855866	33.453	nq	99
72) Anthracene	17.67	178	857548	34.029	nq	98
73) Carbazole	17.95	167	720190	28.636	nq	99
74) Di-n-butylphthalate	18.48	149	880969	30.026	nq	99
75) Fluoranthene	19.58	202	927560	31.236	nq	98
77) Benzidine	19.76	184	189075	13.634	nq	98
78) Pyrene	19.94	202	910253	34.569	nq	99
80) Butylbenzylphthalate	20.81	149	366028	32.953	nq	97
81) Benzo(a)anthracene	21.81	228	867754	34.719	nq	100
82) 3,3'-Dichlorobenzidine	21.72	252	207330	22.372	nq	99
83) Chrysene	21.88	228	810927	34.083	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	512314	32.329	nq	99
85) Di-n-octyl phthalate	22.94	149	884599	33.789	nq	95
86) Indeno(1,2,3-cd)pyrene	29.09	276	967878	37.916	nq	99
88) Benzo(b)fluoranthene	24.12	252	840247	36.944	nq	98
89) Benzo(k)fluoranthene	24.20	252	832157	36.443	nq	98
90) Benzo(a)pyrene	25.05	252	816181	37.262	nq	99
91) Dibenzo(a,h)anthracene	29.17	278	787175	38.375	nq	98
92) Benzo(g,h,i)perylene	30.32	276	799999	39.128	nq	98

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

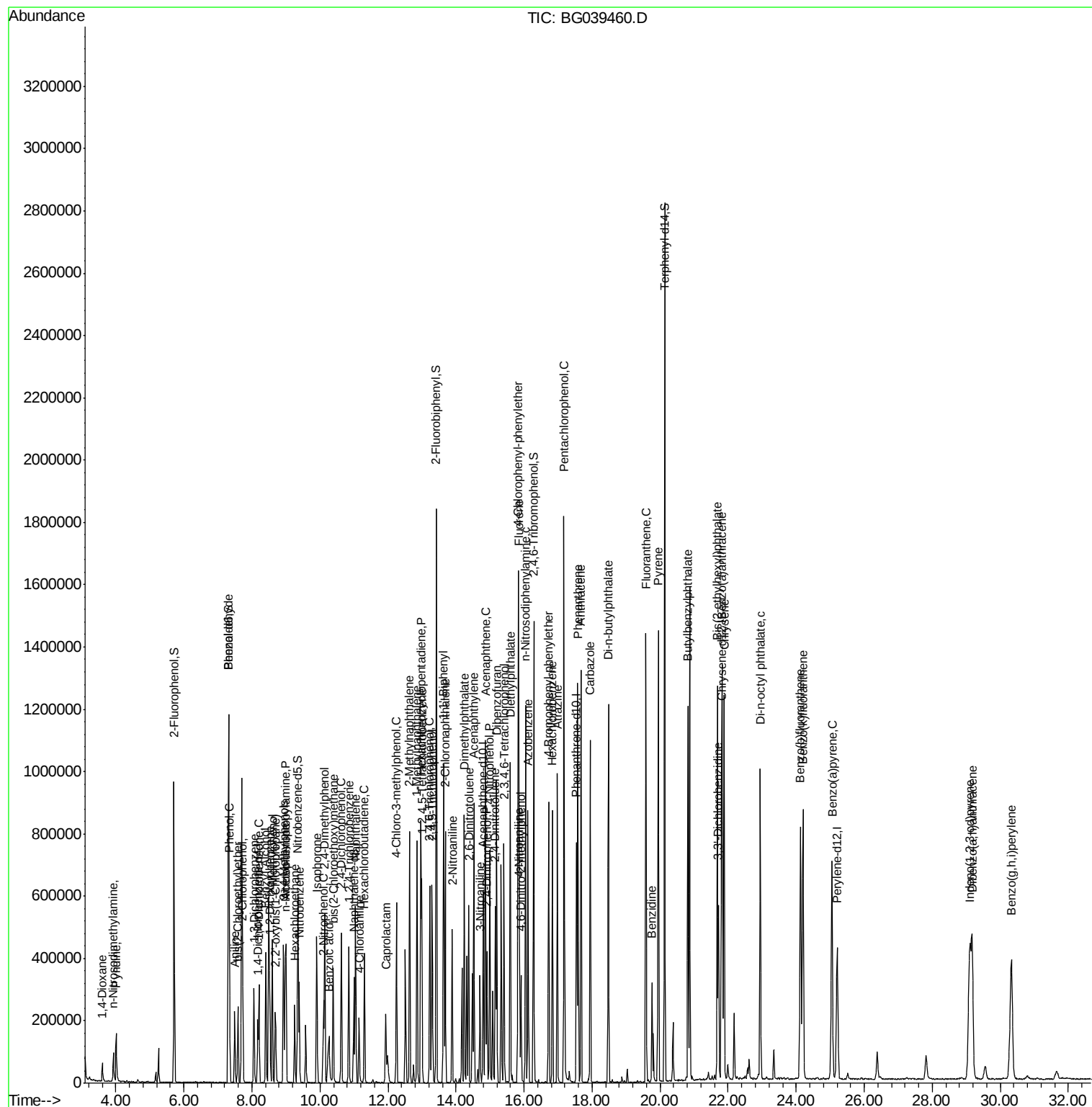
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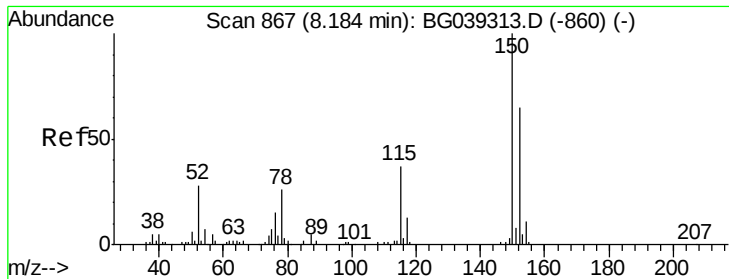
Instrument :
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#1

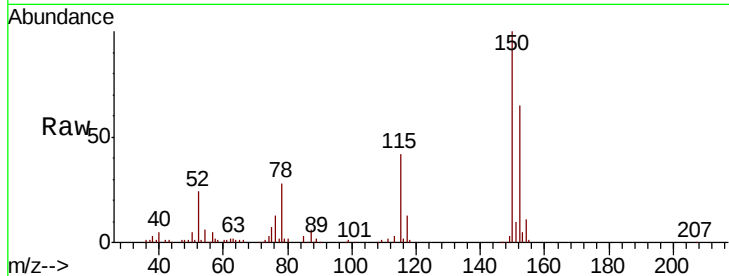
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.7	185.5
115	64.3	45.9	68.9

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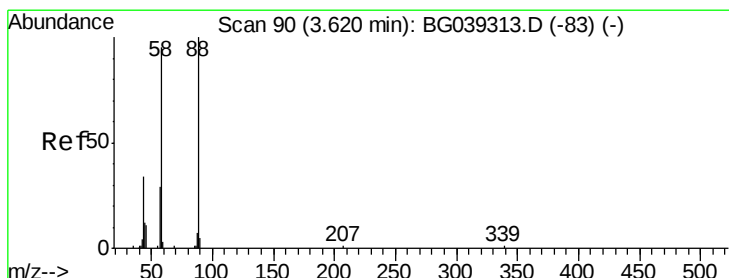
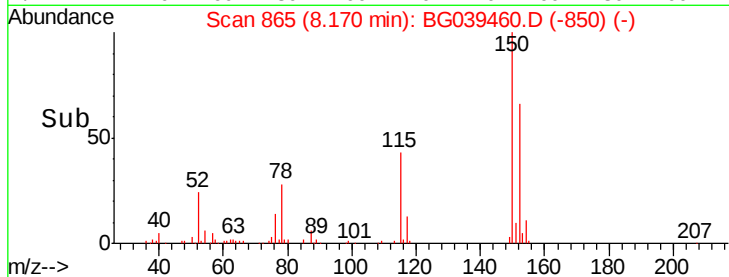
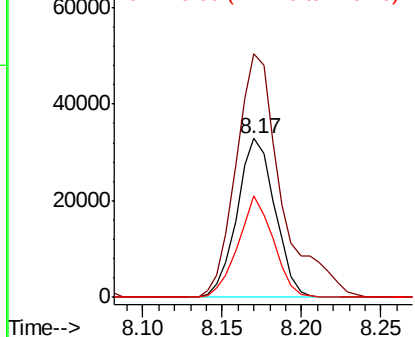


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

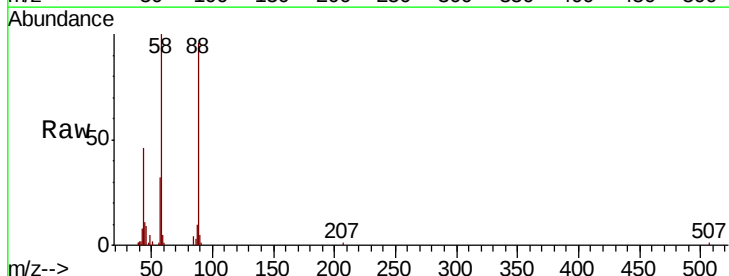
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 21.651 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.1	81.1	121.7
43	42.8	31.4	47.0

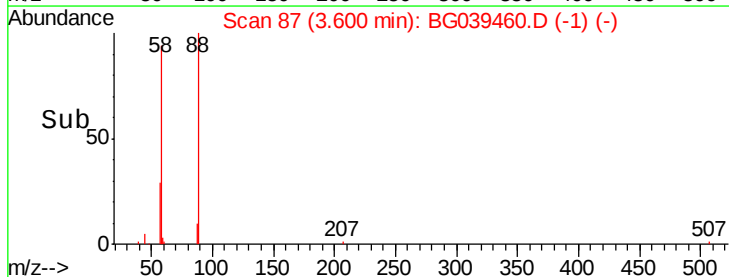
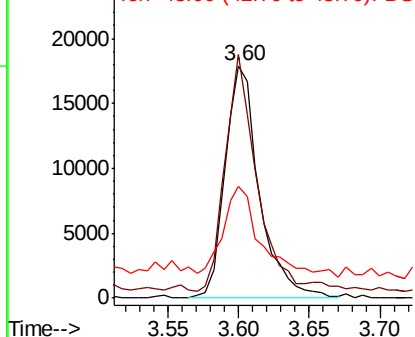


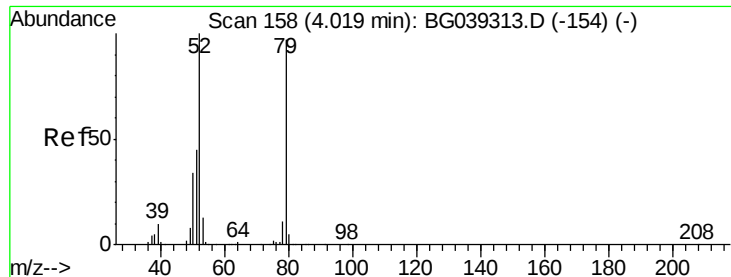
Abundance

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: 23.922 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

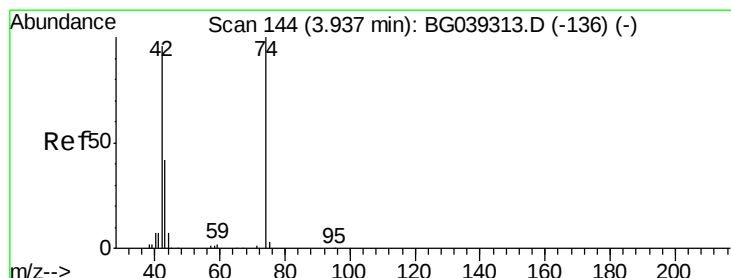
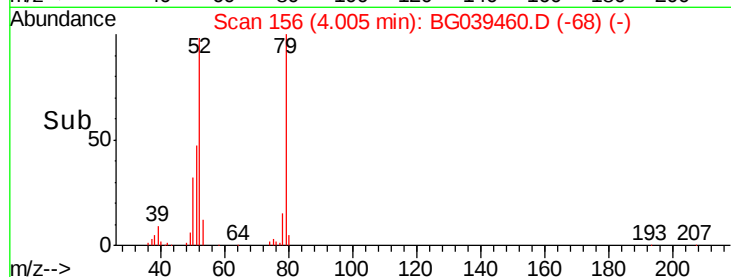
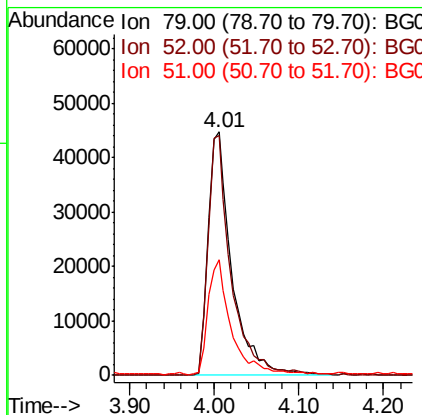
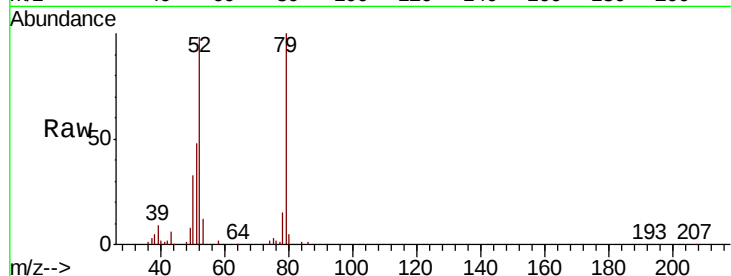
ClientSampleId :

PB116997BS

Tot Ion:	79	Resp:	88219
Ion	Ratio	Lower	Upper
79	100		
52	98.5	82.6	124.0
51	47.7	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 29.329 ng

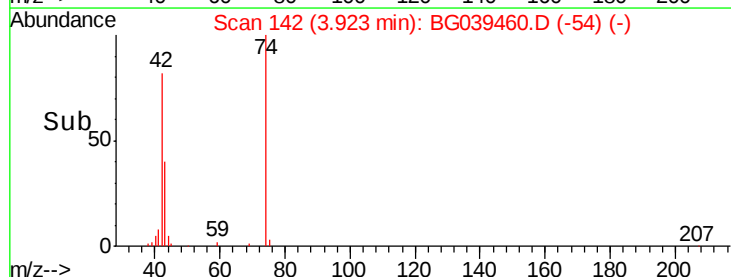
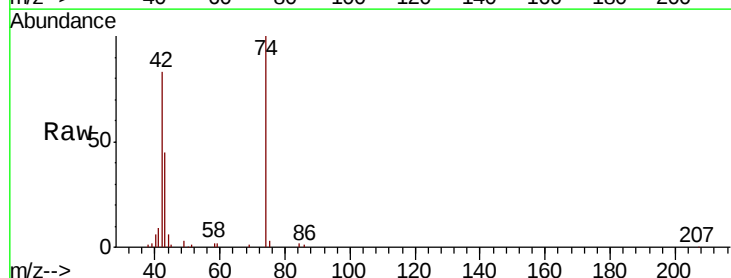
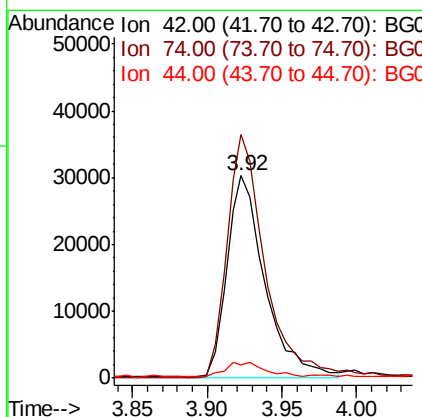
RT: 3.92 min Scan# 142

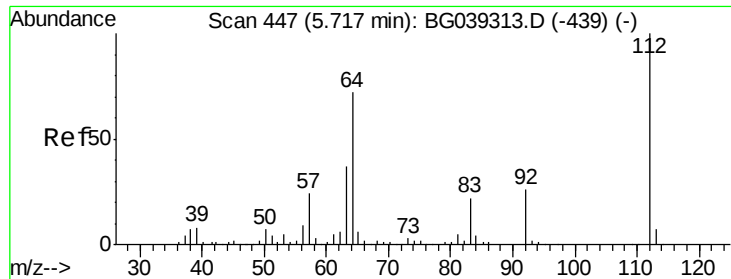
Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:	42	Resp:	54092
Ion	Ratio	Lower	Upper
42	100		
74	120.3	83.6	125.4
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 128.250 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

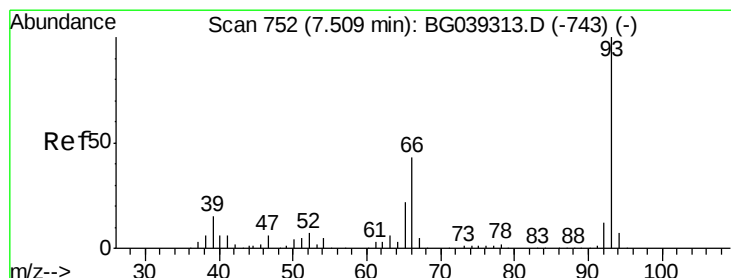
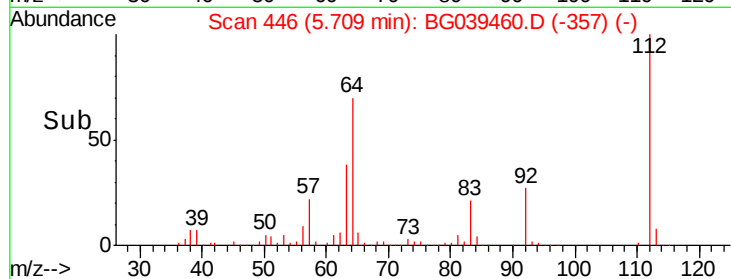
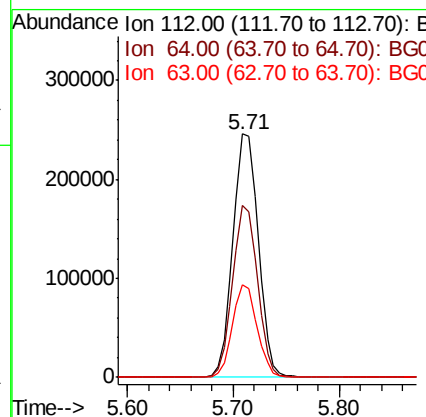
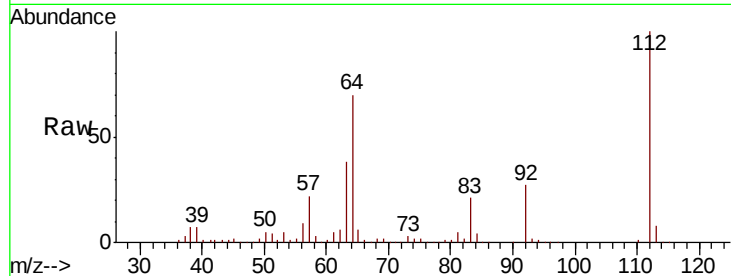
ClientSampleId :

PB116997BS

Tot Ion:	112	Resp:	408383
Ion Ratio	Lower	Upper	
112	100		
64	70.5	57.8	86.8
63	38.1	29.8	44.6

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#6

Aniline

Concen: 24.781 ng

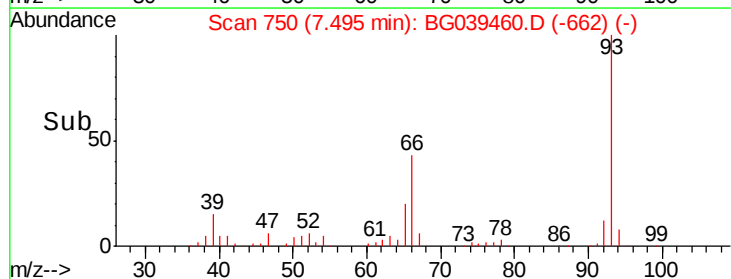
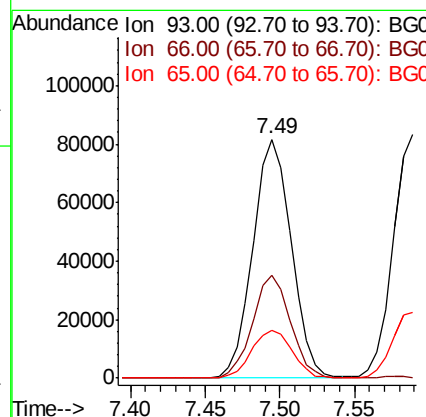
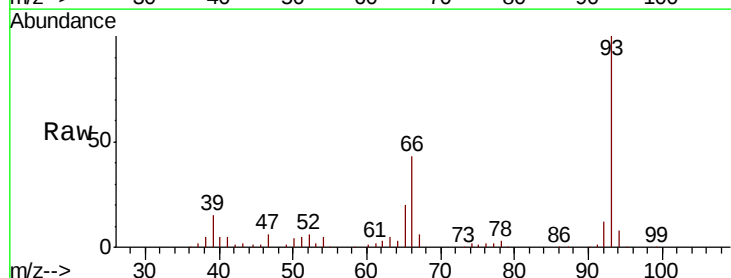
RT: 7.49 min Scan# 750

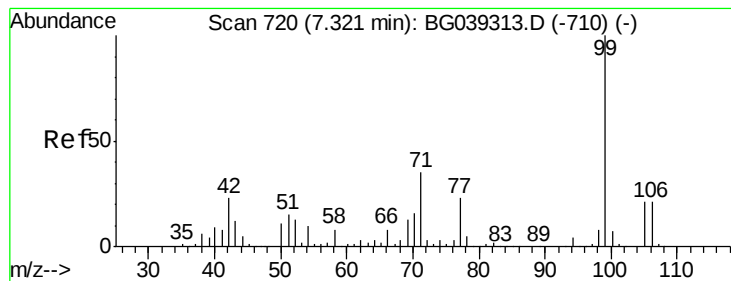
Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:	93	Resp:	145491
Ion Ratio	Lower	Upper	
93	100		
66	43.2	34.2	51.4
65	19.9	17.7	26.5





#7

Phenol-d6

Concen: 133.095 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

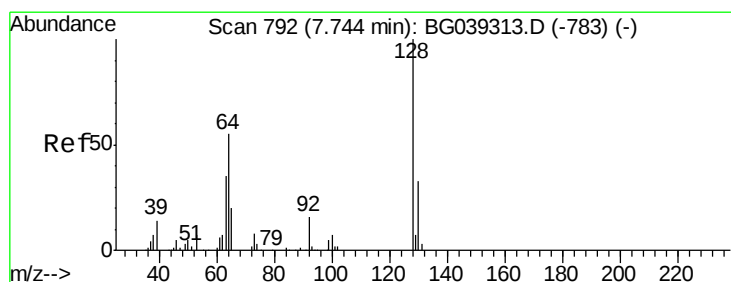
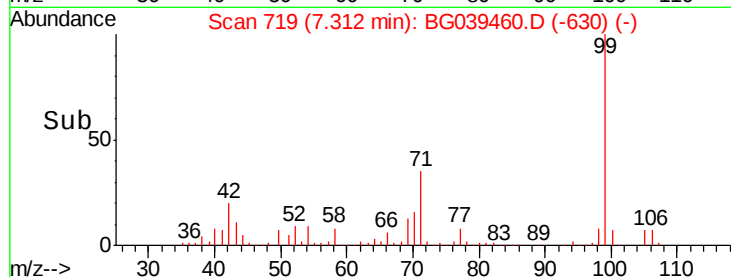
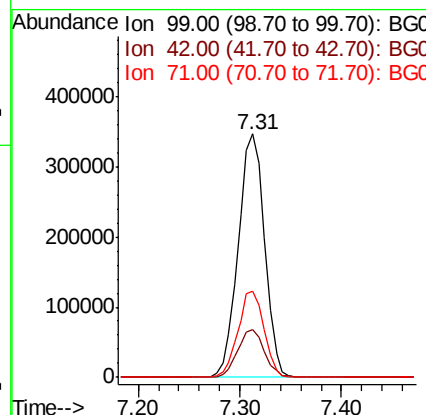
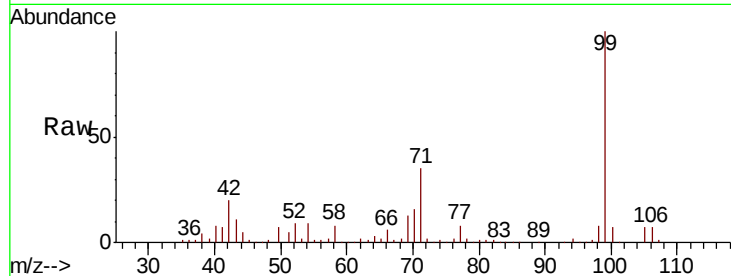
ClientSampleId :

PB116997BS

Tot Ion:	99	Resp:	623835
Ion Ratio	Lower	Upper	
99	100		
42	19.6	18.2	27.2
71	35.5	28.0	42.0

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#8

2-Chlorophenol

Concen: 43.220 ng

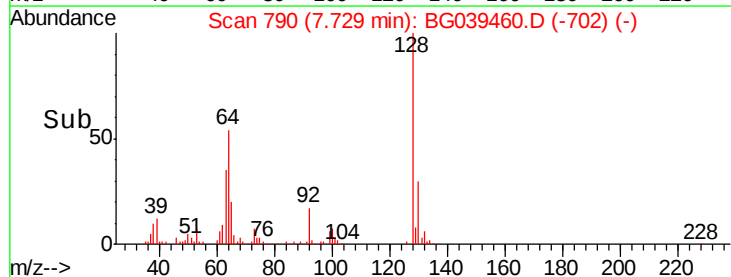
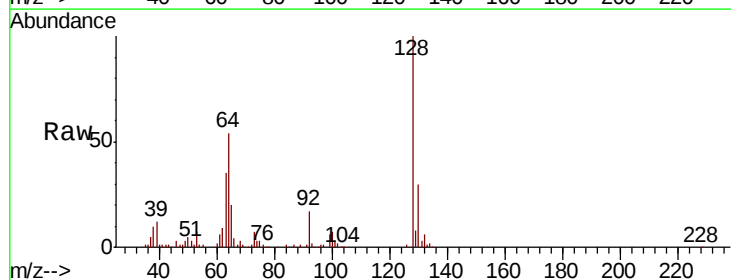
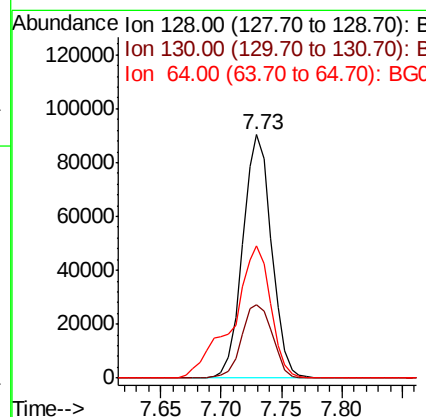
RT: 7.73 min Scan# 790

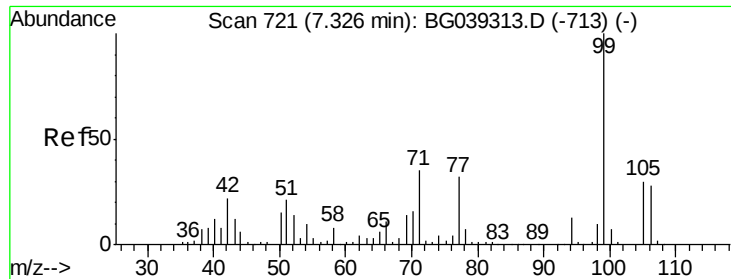
Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:	128	Resp:	150437
Ion Ratio	Lower	Upper	
128	100		
130	30.0	12.9	52.9
64	54.1	38.7	78.7





#9

Benzaldehyde

Concen: 18.068 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

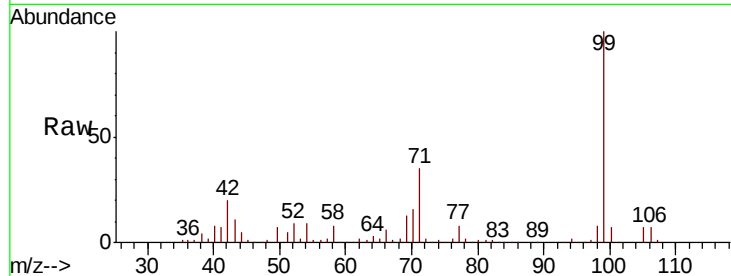
ClientSampleID :

PB116997BS

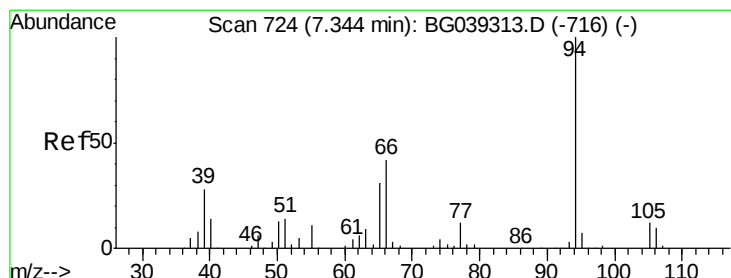
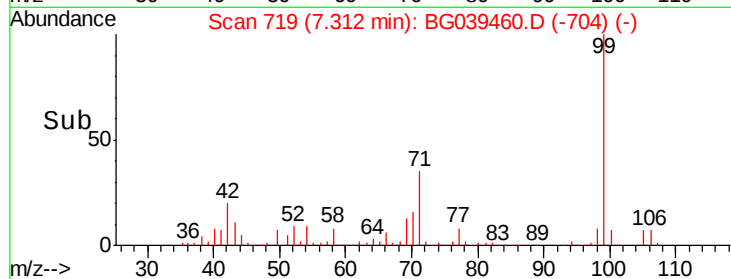
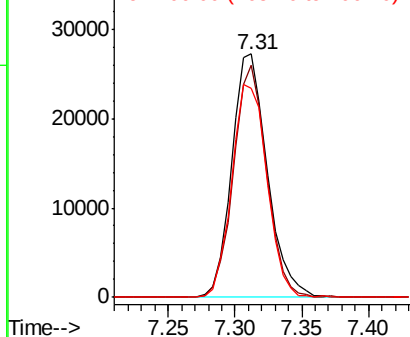
Tot Ion	Ratio	Lower	Upper
77	100		
105	95.2	74.5	114.5
106	86.0	68.0	108.0

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.282 ng

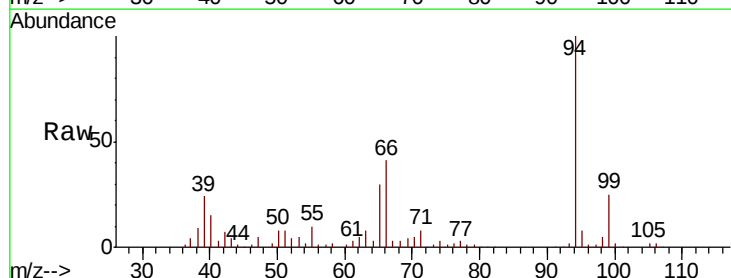
RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

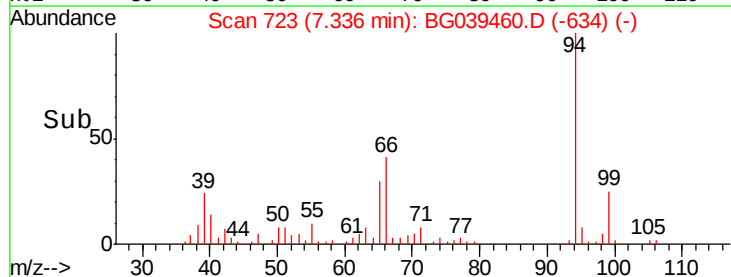
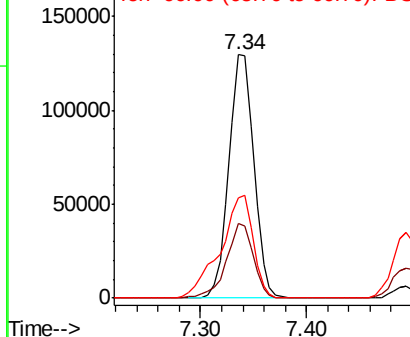
Lab File: BG039460.D

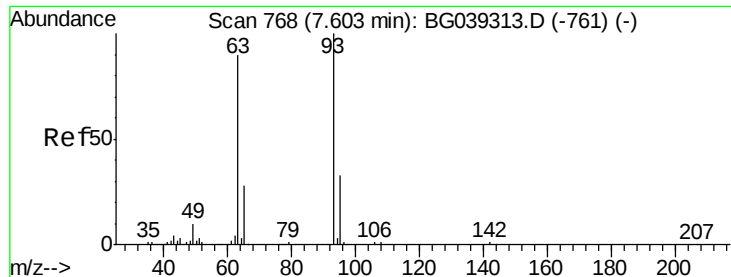
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.7	51.7
66	41.0	23.7	63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





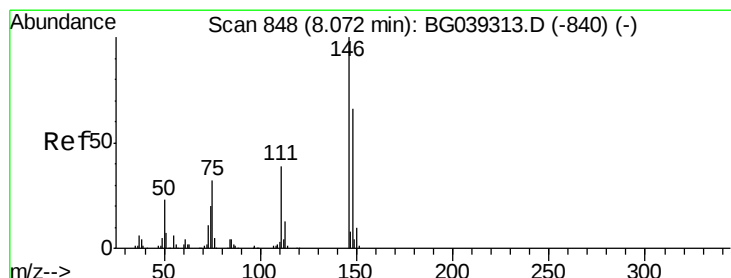
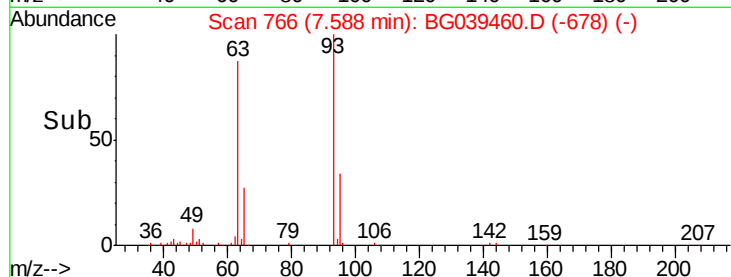
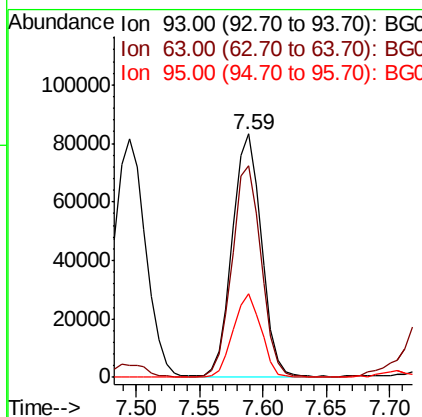
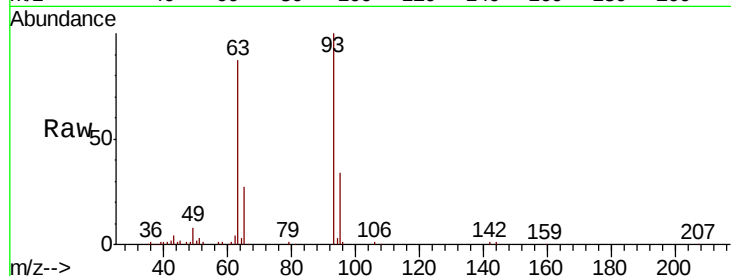
#11
bis(2-Chloroethyl)ether
Concen: 34.628 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleID :
PB116997BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.1	69.5	109.5
95	34.3	12.7	52.7

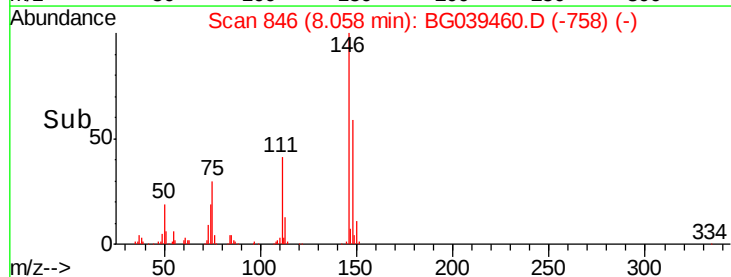
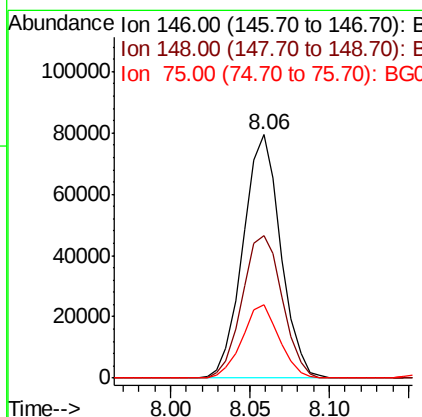
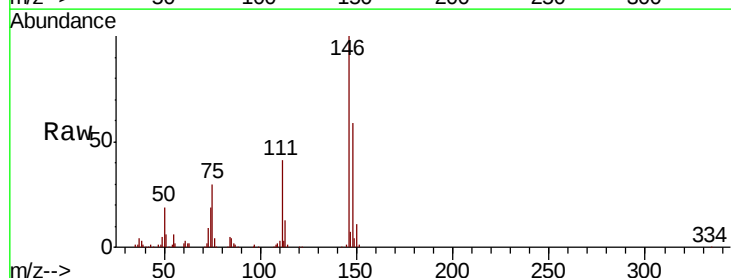
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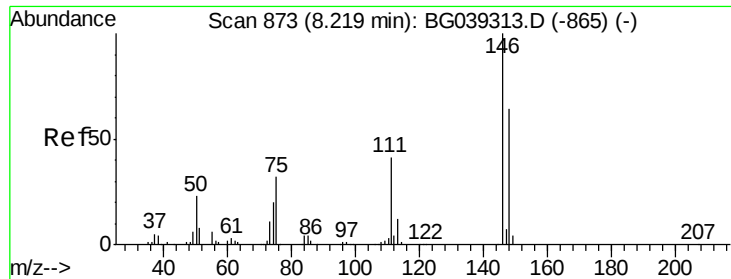
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#12
1,3-Dichlorobenzene
Concen: 31.052 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.8	52.6	79.0
75	30.0	25.8	38.6





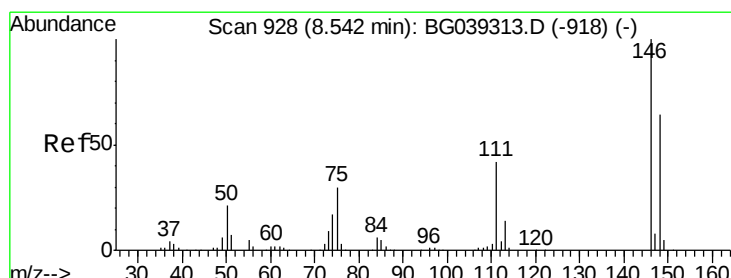
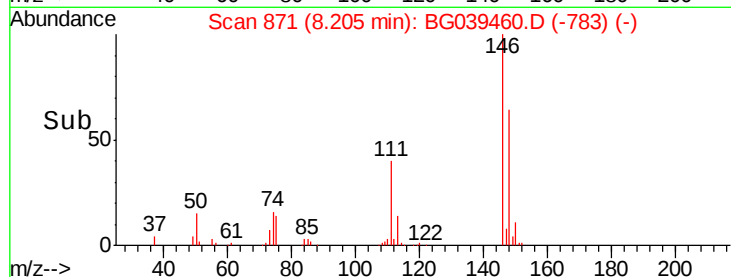
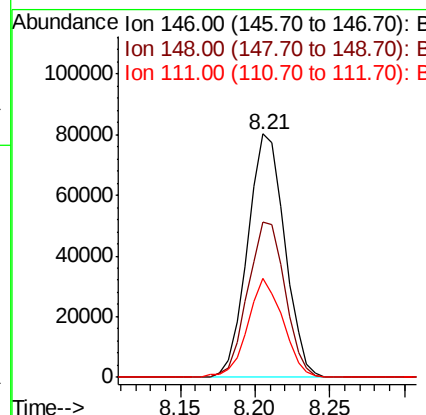
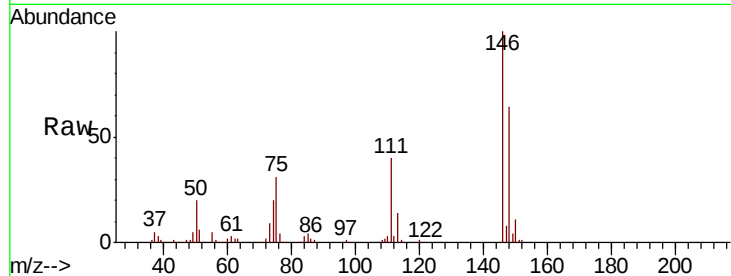
#13
 1,4-Dichlorobenzene
 Concen: 32.739 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Instrument :
 BNA_G
 ClientSampled :
 PB116997BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	40.4	32.6	48.8

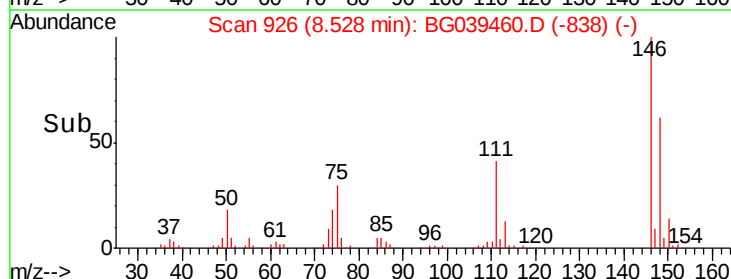
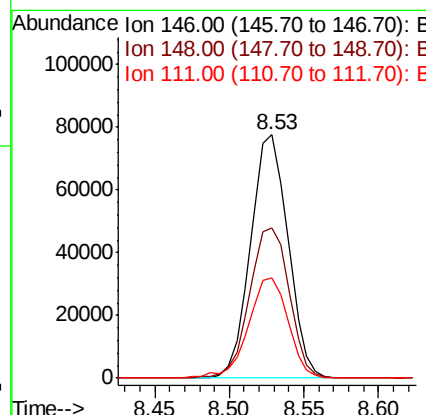
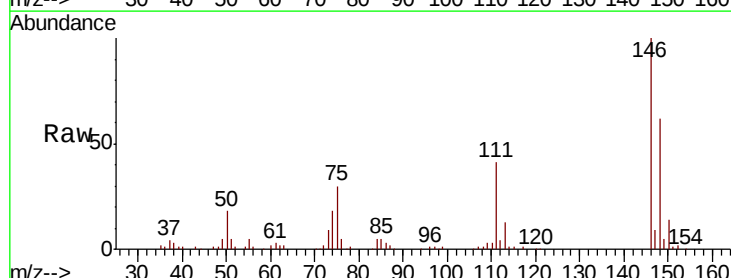
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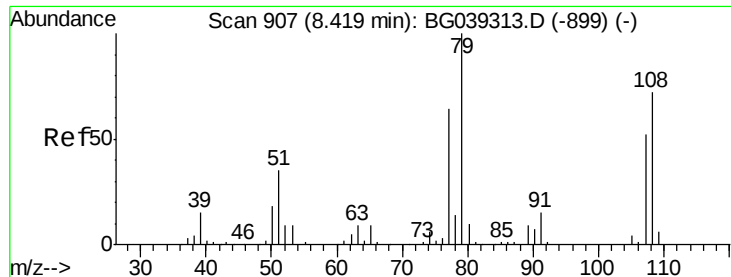
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 33.017 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.5	77.3
111	41.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 40.001 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

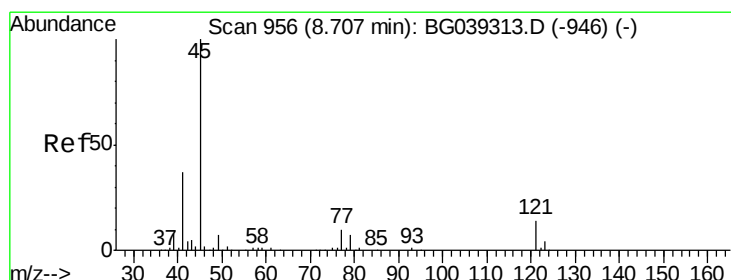
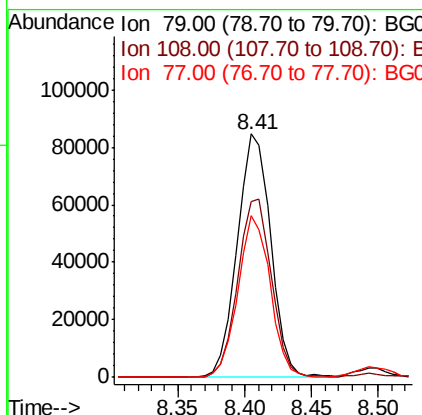
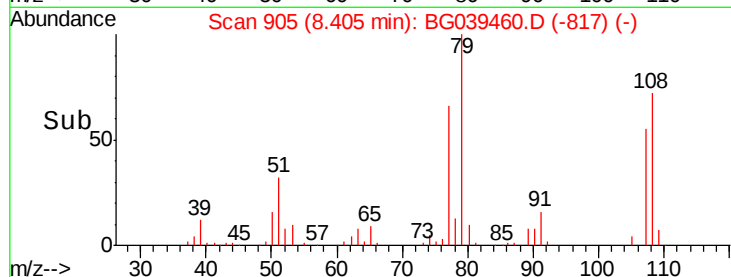
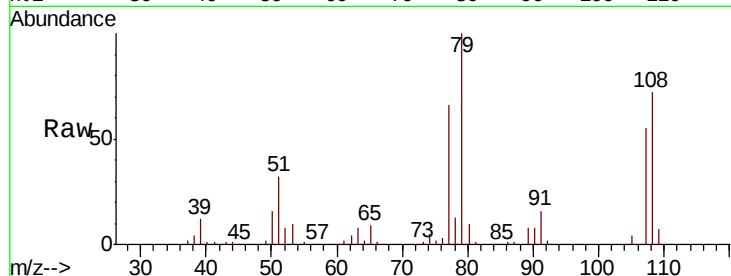
ClientSampled :

PB116997BS

Tot Ion:	79	Resp:	147196
Ion Ratio	Lower	Upper	
79	100		
108	72.0	57.8	86.6
77	66.5	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.769 ng

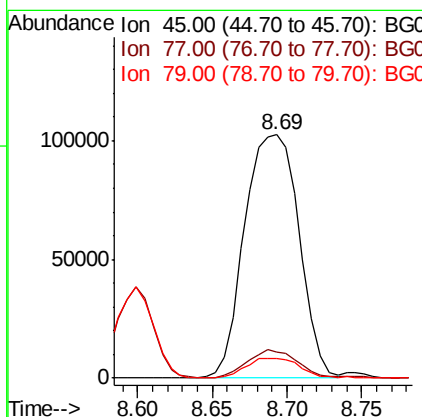
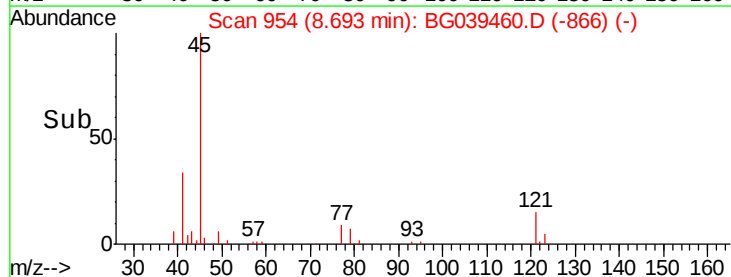
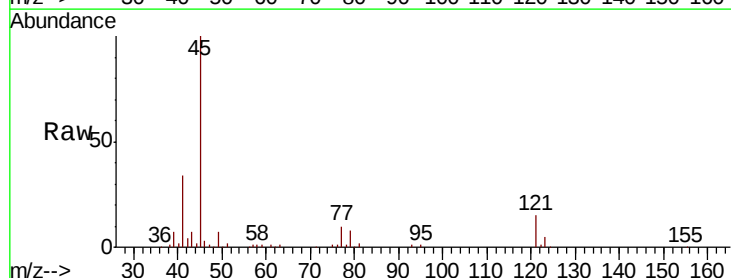
RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:	45	Resp:	259546
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	30.0
79	8.1	0.0	27.5





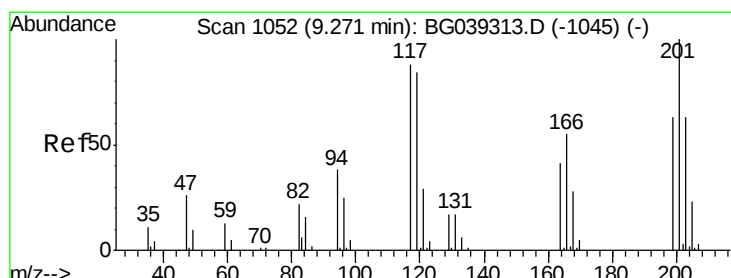
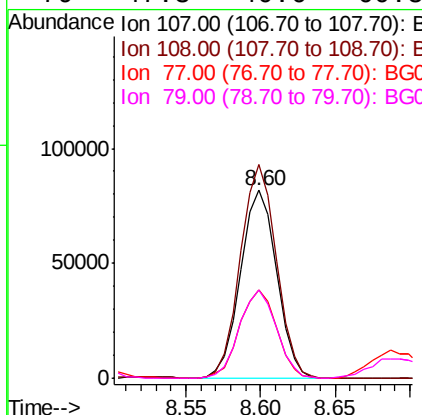
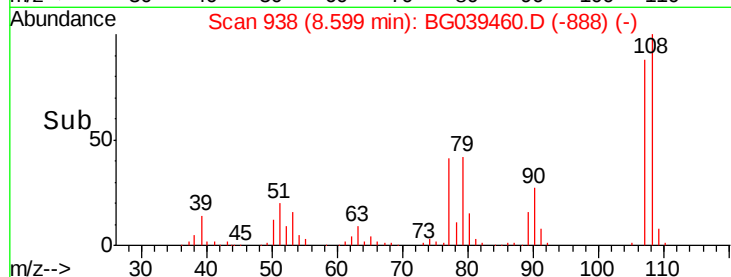
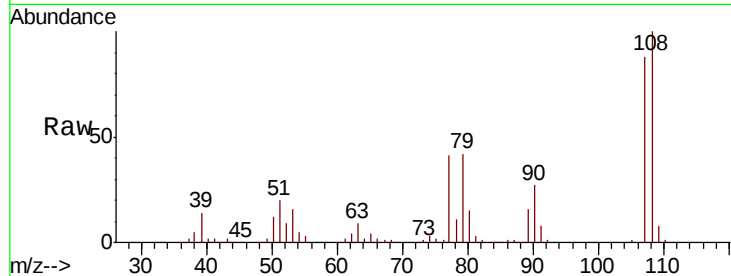
#17
2-Methylphenol
Concen: 43.645 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	90.8	136.2	
77	47.0	40.7	61.1	
79	47.3	40.6	60.8	

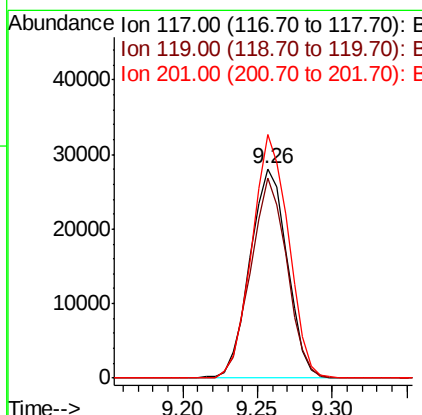
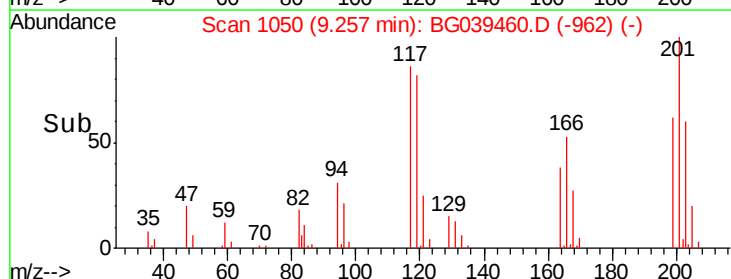
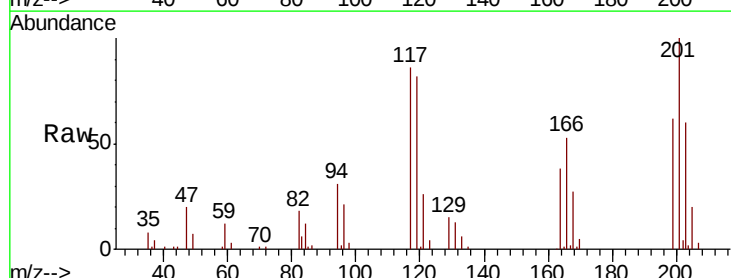
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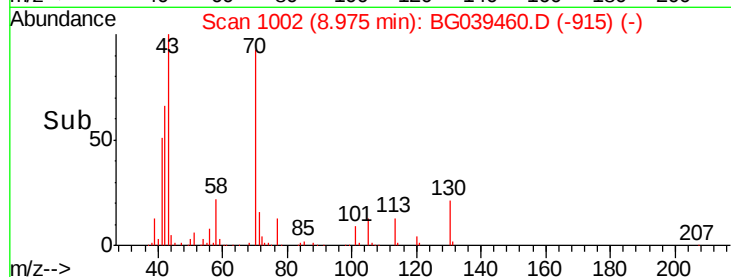
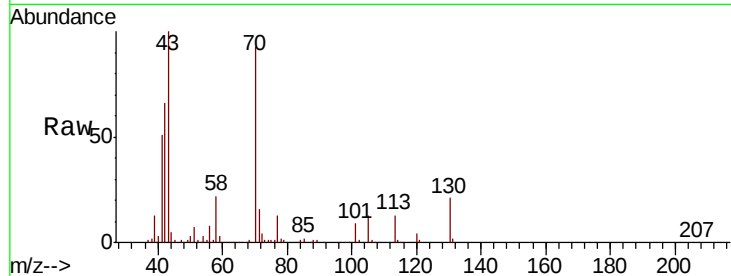
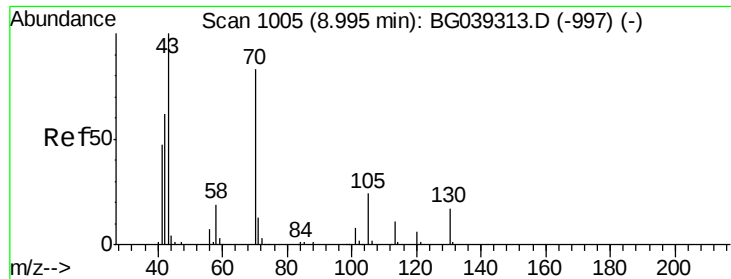
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#18
Hexachloroethane
Concen: 33.440 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	76.3	114.5	
201	116.3	91.1	136.7	





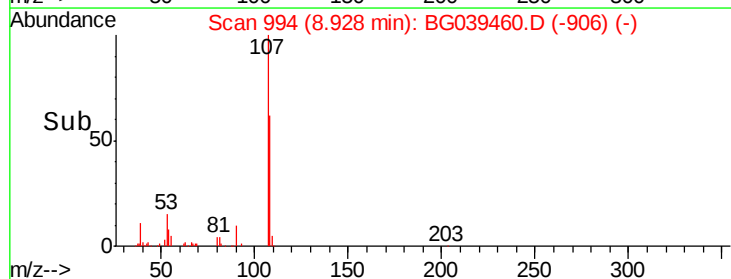
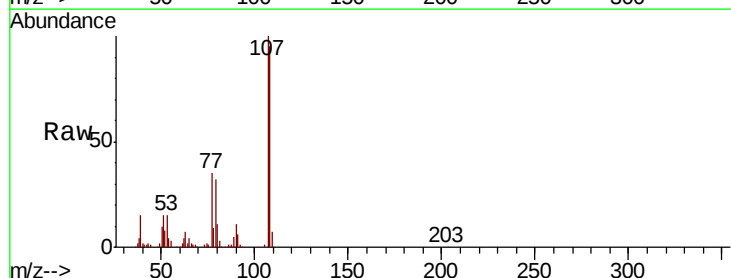
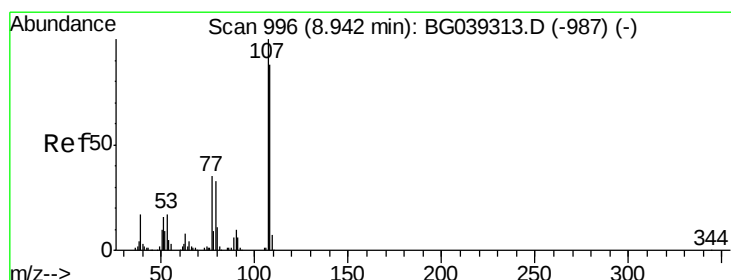
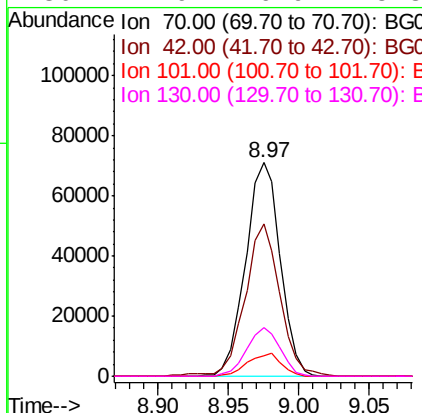
#19
n-Nitroso-di-n-propylamine
Concen: 36.687 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		122049		
42	71.1	60.4	90.6		
101	9.7	7.5	11.3		
130	22.9	16.9	25.3		

Instrument :
BNA_G
ClientSampleId :
PB116997BS

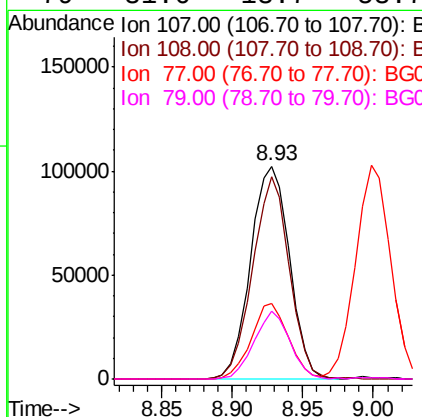
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#20
3+4-Methylphenols
Concen: 45.390 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		197630		
108	94.9	67.9	107.9		
77	35.2	15.4	55.4		
79	31.6	13.7	53.7		





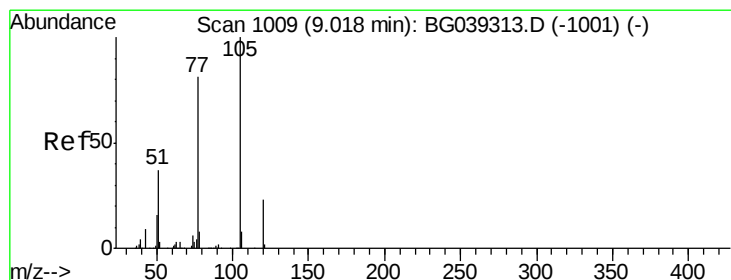
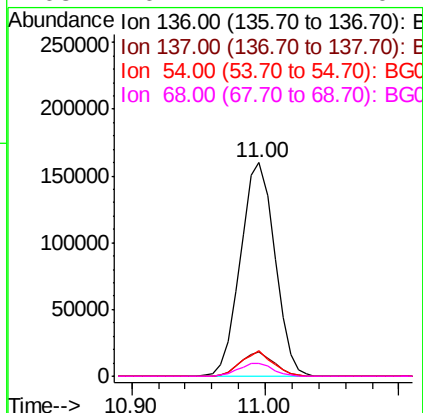
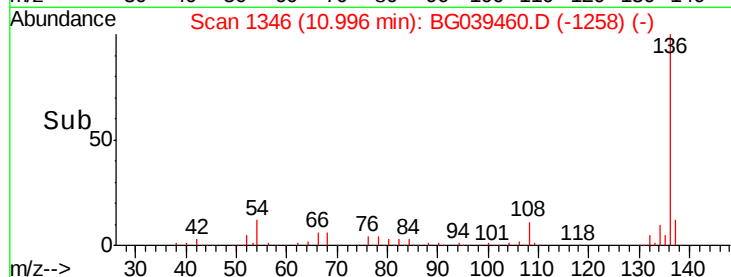
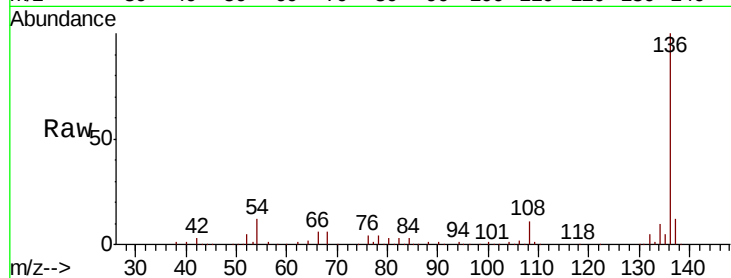
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	284819		
137	11.7		9.1	13.7
54	11.9		9.4	14.2
68	6.2		4.2	6.4

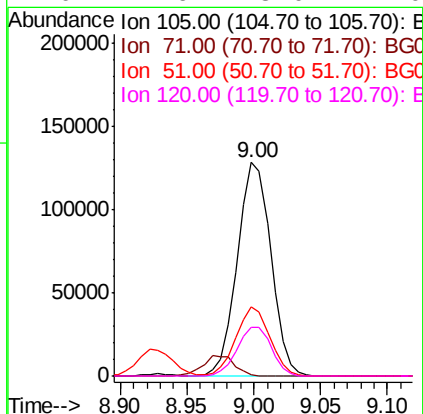
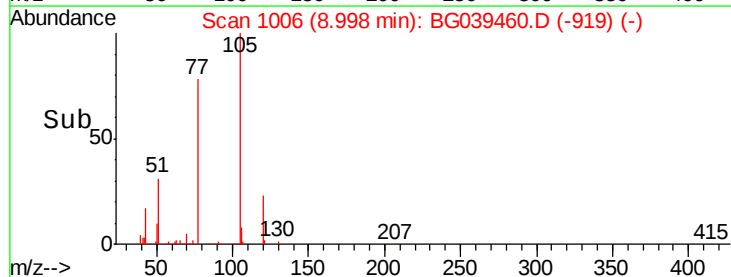
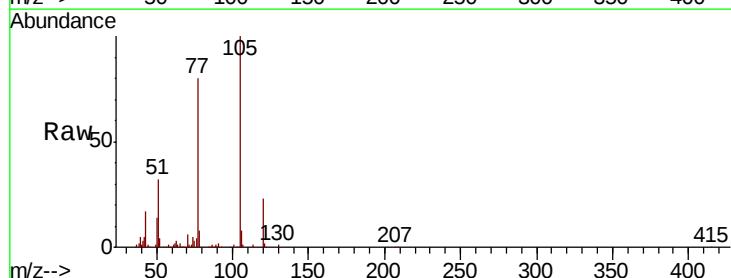
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#22
Acetophenone
Concen: 29.212 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223493		
71	0.8		0.8	1.2#
51	32.3		30.2	45.2
120	22.6		18.0	27.0





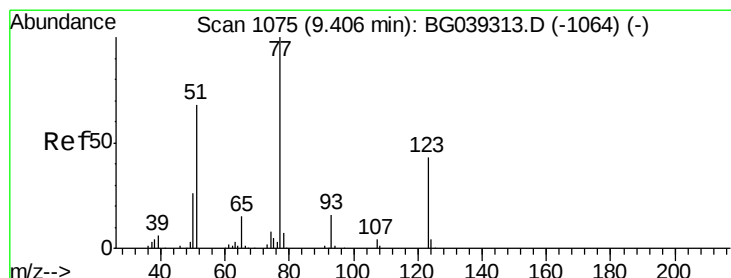
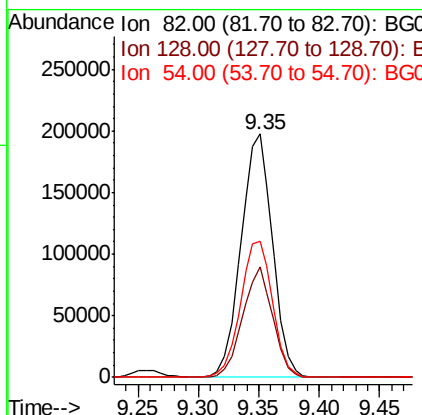
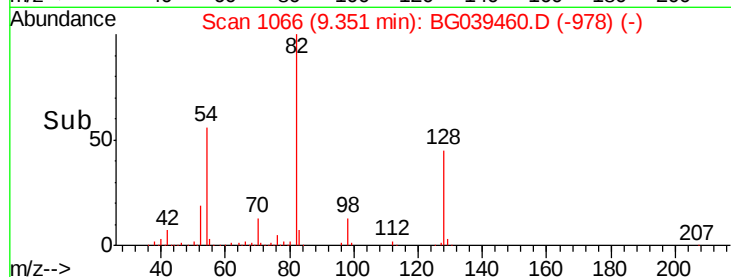
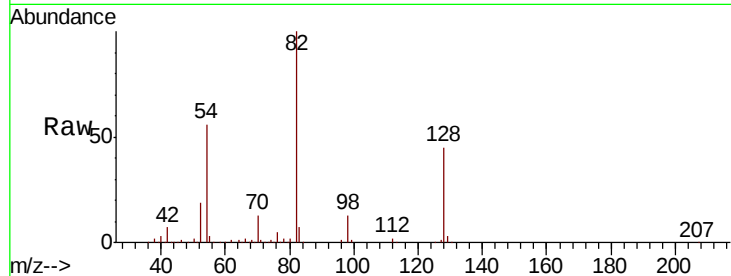
#23
Nitrobenzene-d5
Concen: 78.517 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	357973		
128	45.4	31.3	46.9	
54	56.1	50.9	76.3	

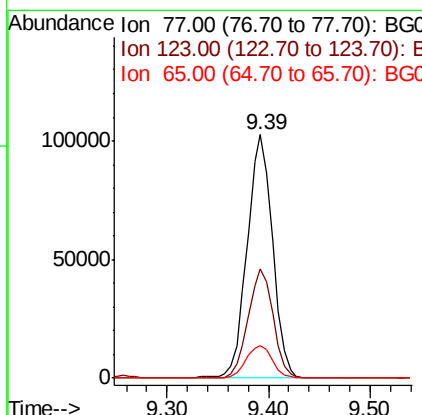
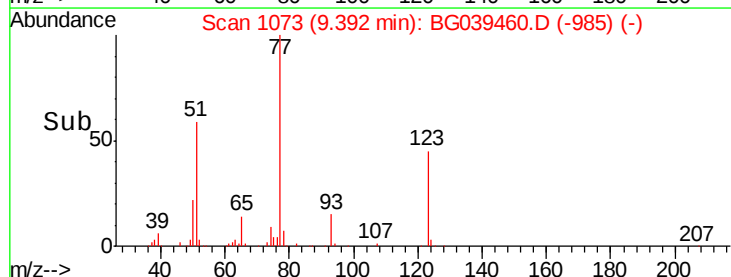
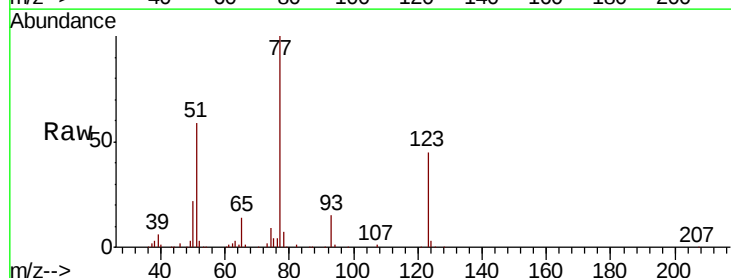
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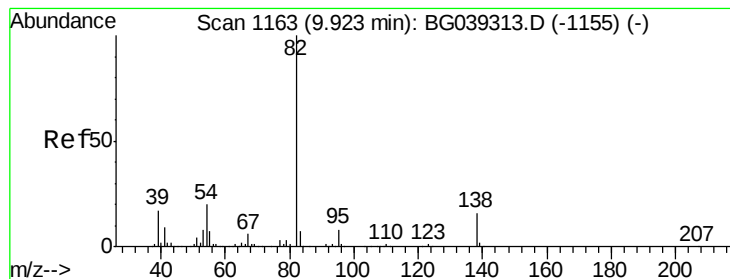
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#24
Nitrobenzene
Concen: 36.104 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	177828		
123	44.7	34.1	51.1	
65	13.5	12.3	18.5	





#25

Isophorone

Concen: 35.454 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

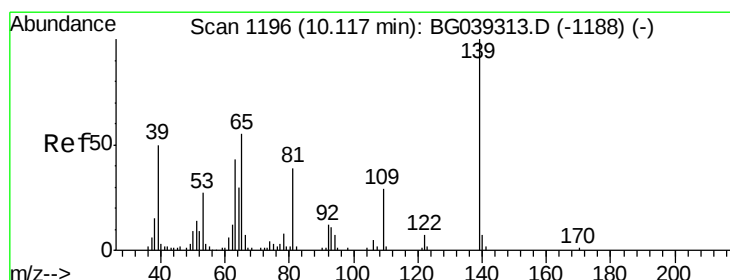
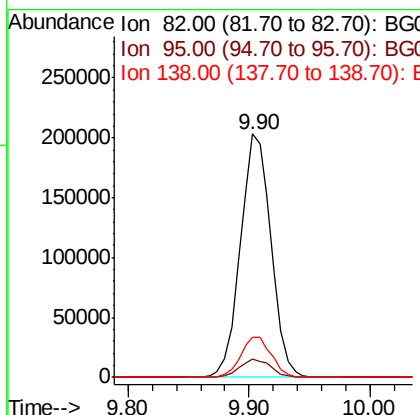
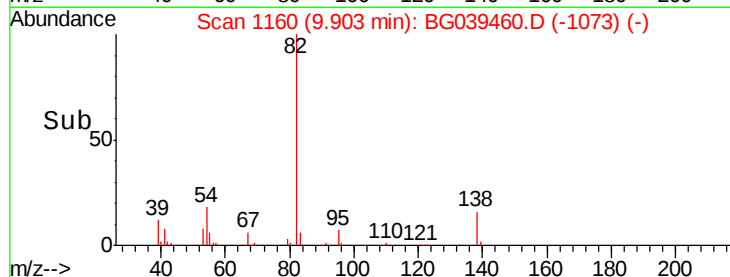
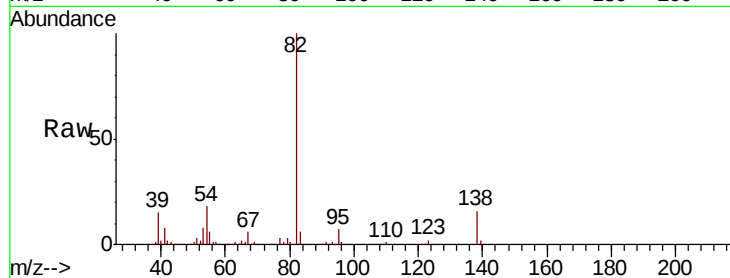
ClientSampleId :

PB116997BS

Tot Ion:	82	Resp:	358199
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.2	9.2
138	16.3	13.0	19.4

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#26

2-Nitrophenol

Concen: 45.638 ng

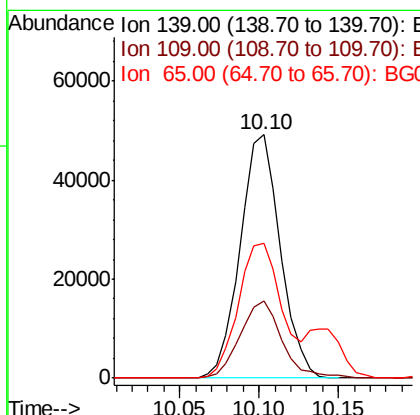
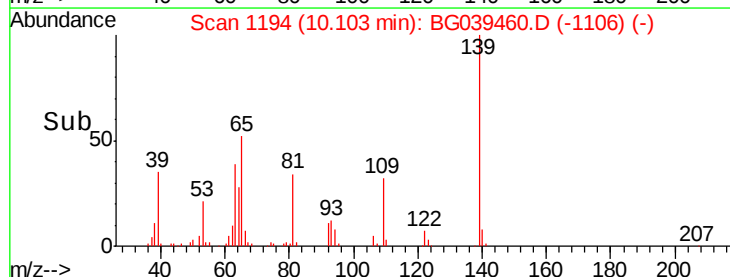
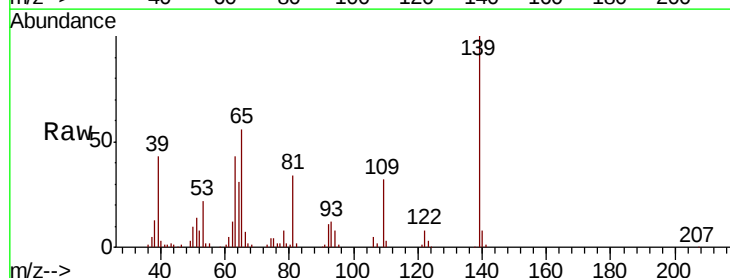
RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:	139	Resp:	86385
Ion Ratio	Lower	Upper	
139	100		
109	31.8	23.4	35.0
65	55.5	44.3	66.5





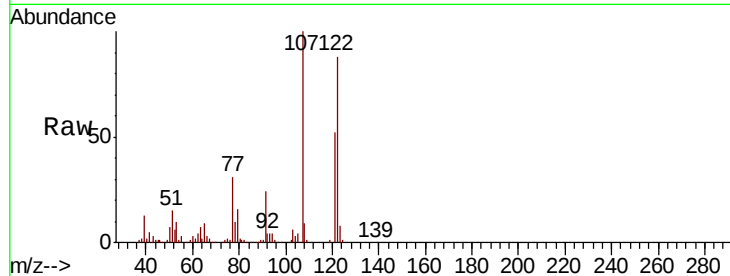
#27
2,4-Dimethylphenol
Concen: 41.429 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampled :
PB116997BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	169318		
107	113.3	91.7	137.5	
121	58.7	46.4	69.6	

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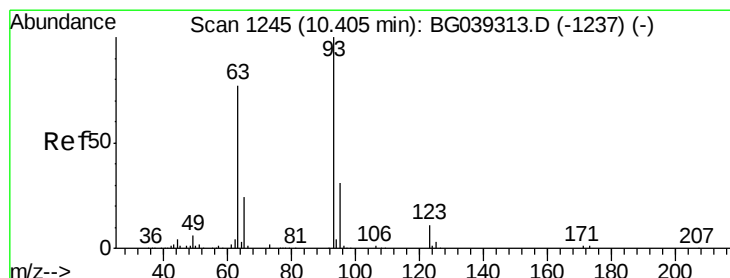
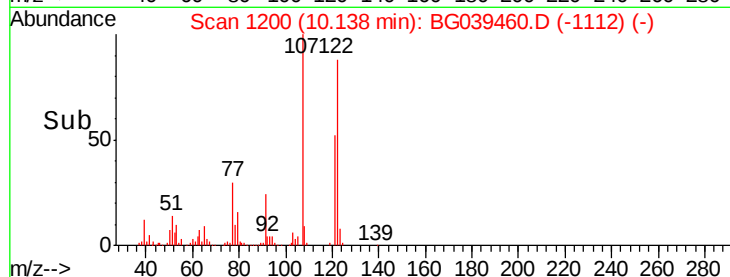
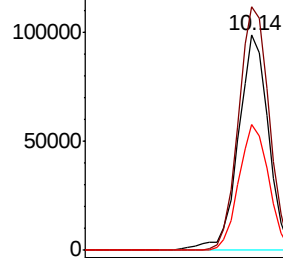


Abundance

Ion 122.00 (121.70 to 122.70): E

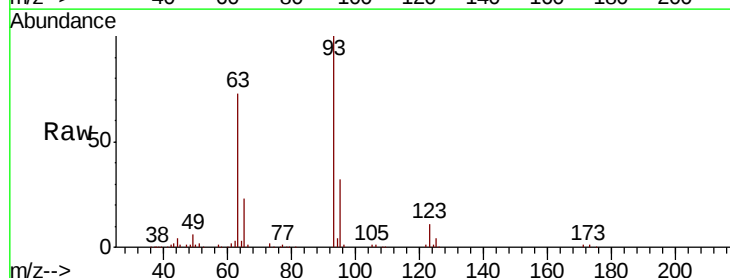
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 34.463 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	214460		
95	31.8	25.0	37.4	
123	11.1	8.6	12.8	

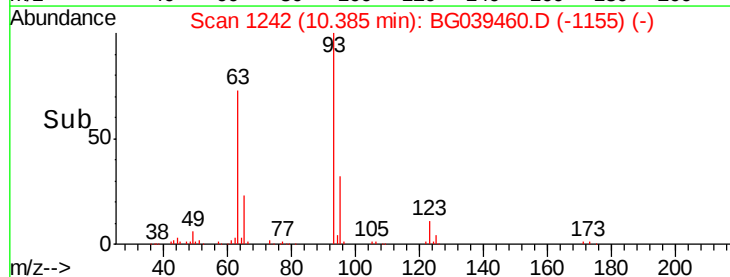
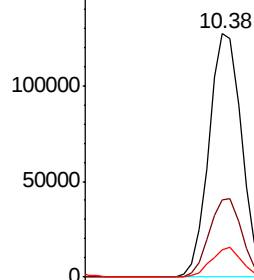


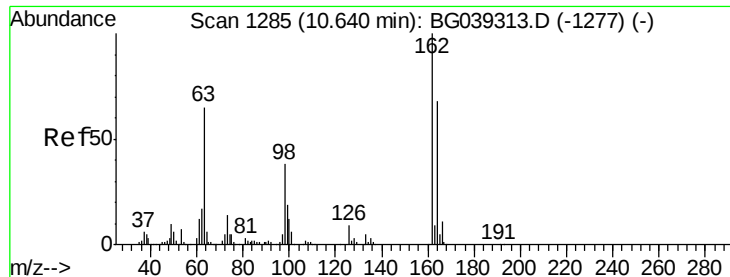
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





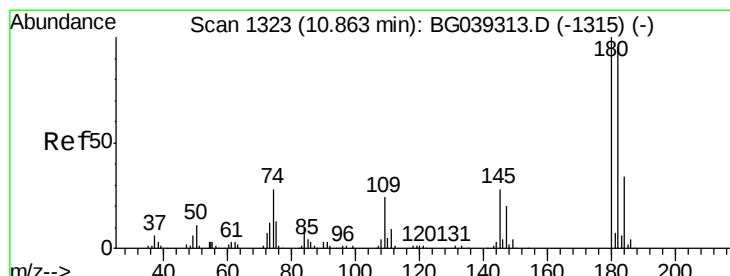
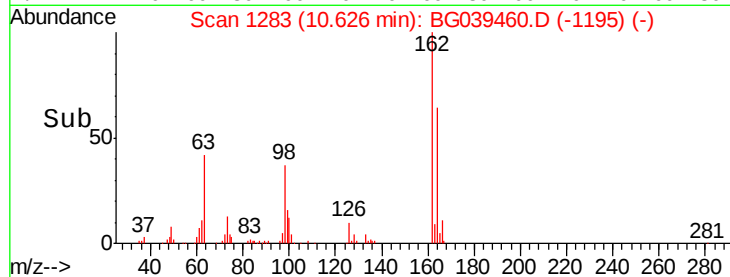
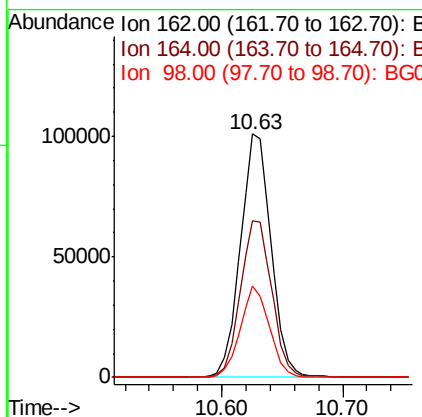
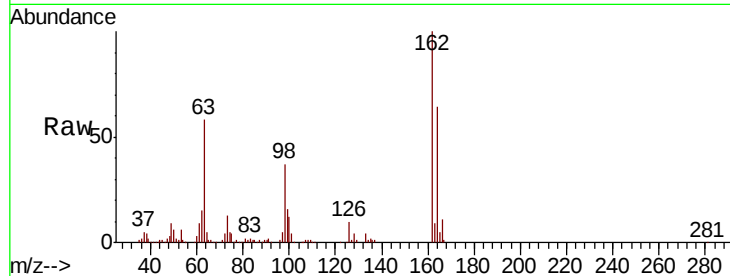
#29
 2,4-Dichlorophenol
 Concen: 39.961 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116997BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	178497		
164	64.1	48.1	88.1	
98	37.3	18.1	58.1	

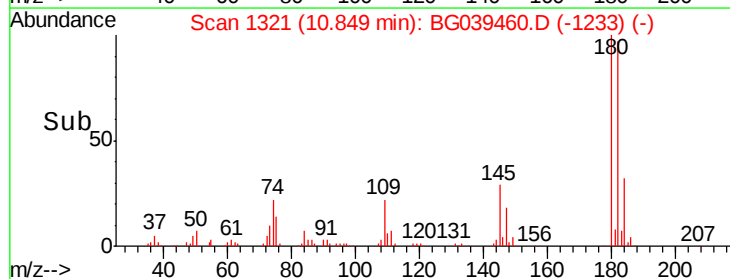
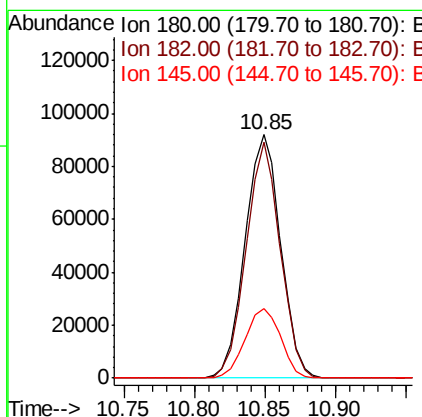
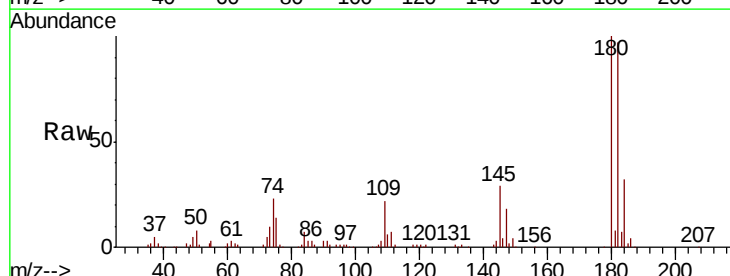
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.354 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	162249		
182	96.7	76.0	114.0	
145	28.5	22.7	34.1	





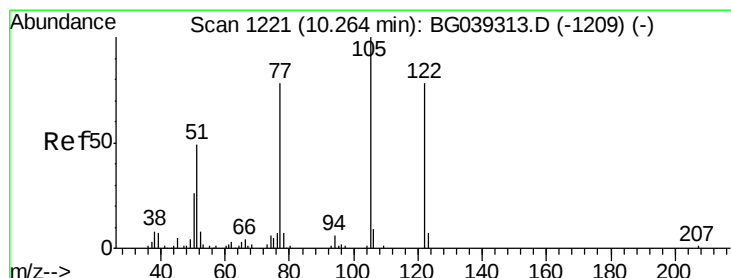
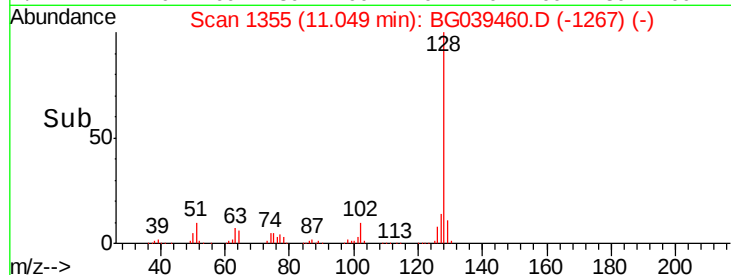
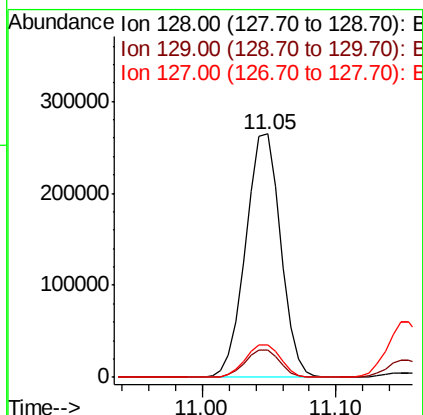
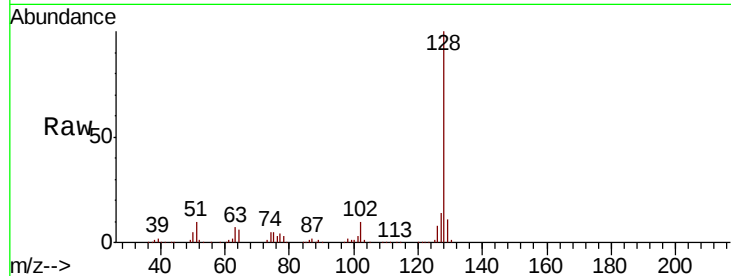
#31
Naphthalene
Concen: 33.817 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.6	10.8	16.2

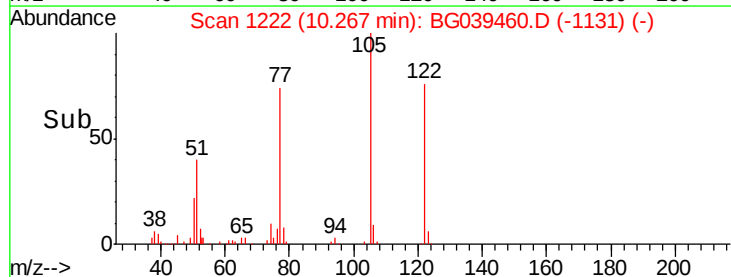
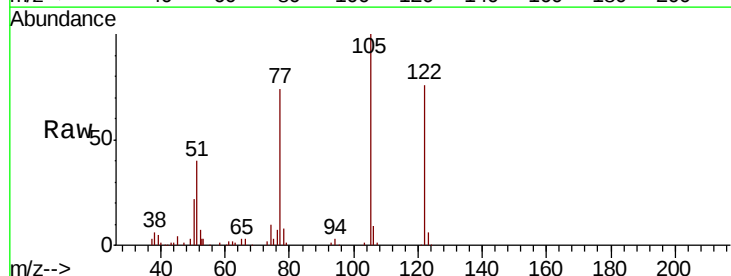
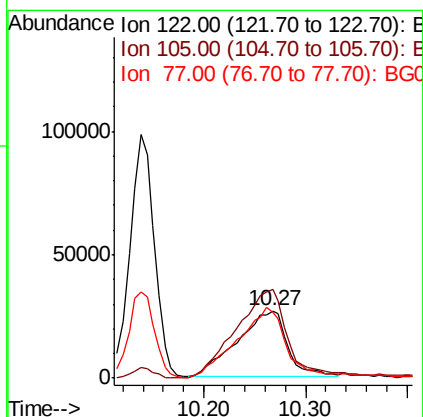
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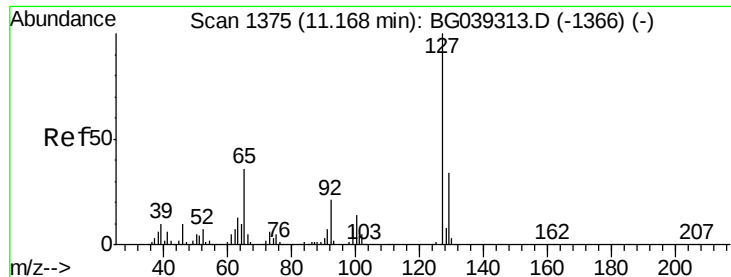
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#32
Benzoic acid
Concen: 36.631 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.4	101.8	141.8
77	97.7	76.3	116.3





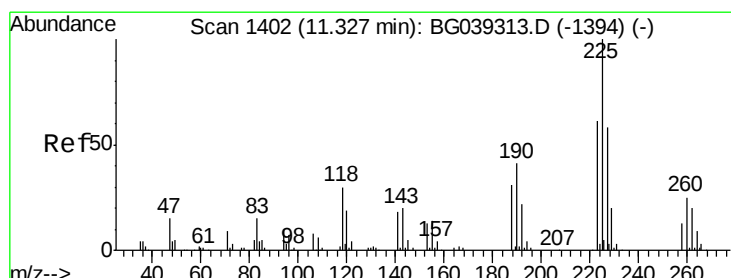
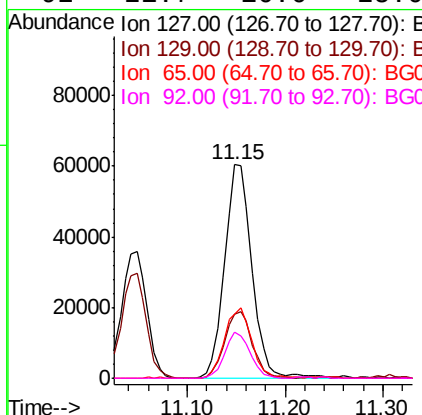
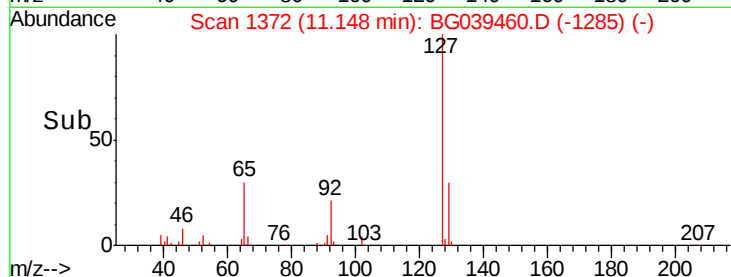
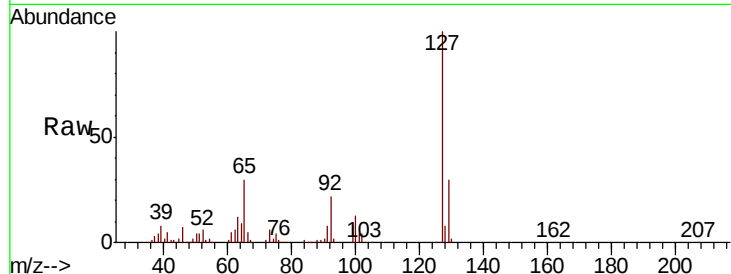
#33
4-Chloroaniline
Concen: 17.910 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.7	27.0	40.4		
65	30.1	28.8	43.2		
92	21.7	16.6	25.0		

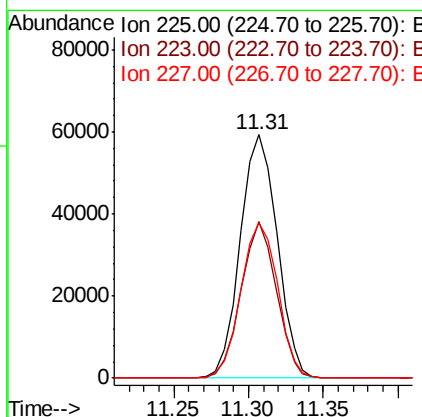
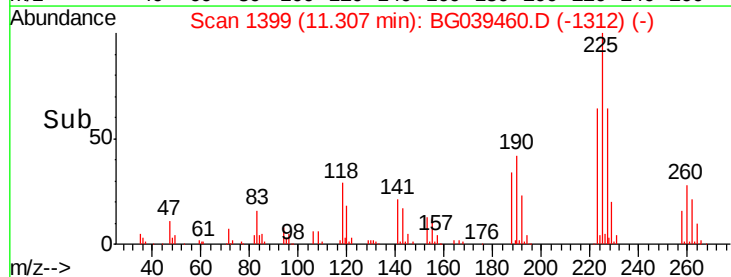
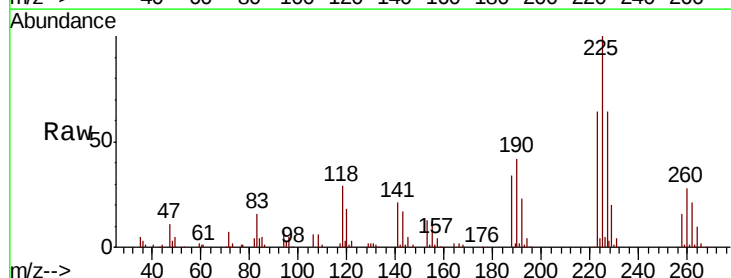
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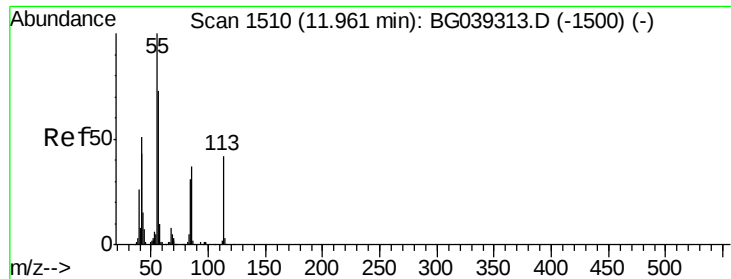
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#34
Hexachlorobutadiene
Concen: 30.579 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	49.0	73.6		
227	63.6	46.3	69.5		





#35

Caprolactam

Concen: 34.307 ng/ml

RT: 11.94 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

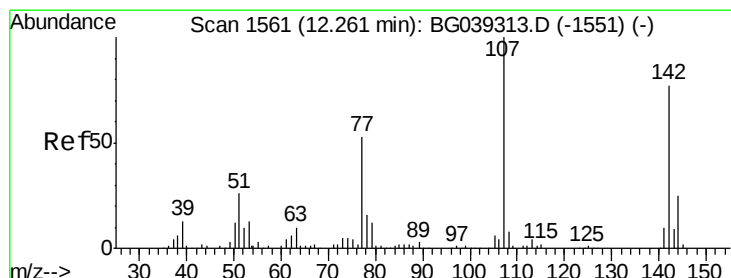
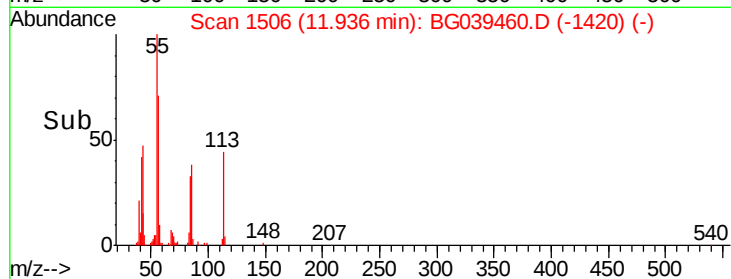
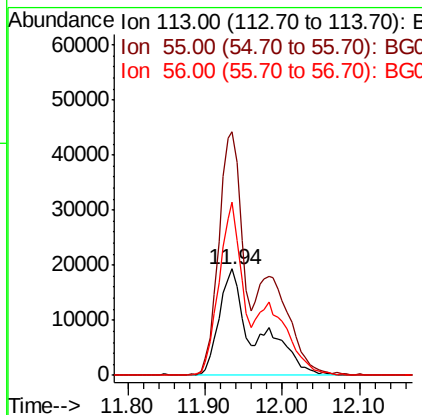
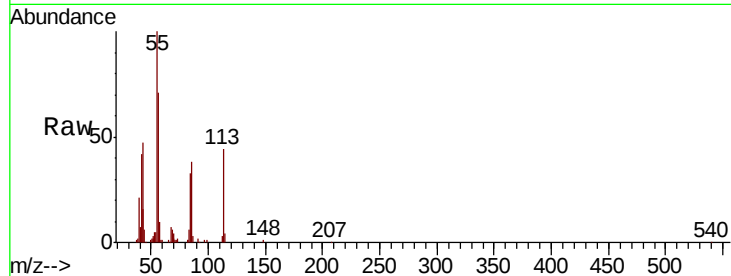
ClientSampleId :

PB116997BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	229.6	216.9	256.9
56	163.1	152.6	192.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 38.958 ng/ml

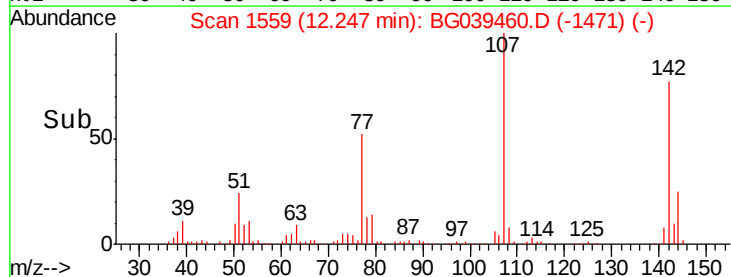
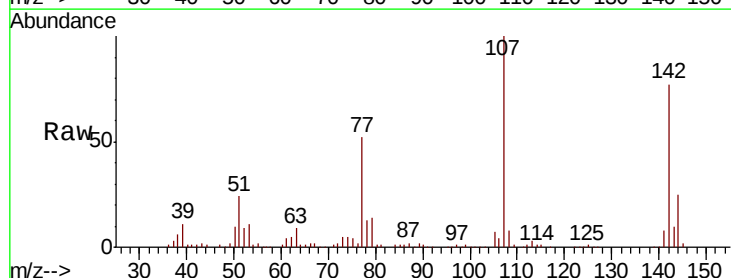
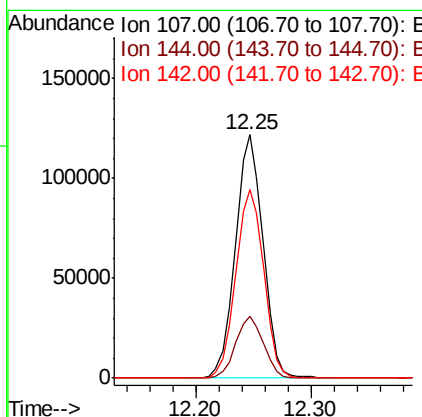
RT: 12.25 min Scan# 1559

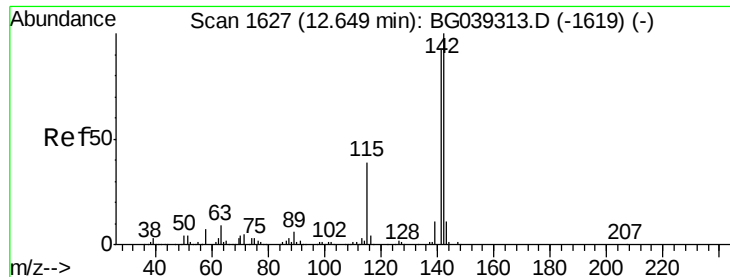
Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.2	30.2
142	77.2	61.4	92.2





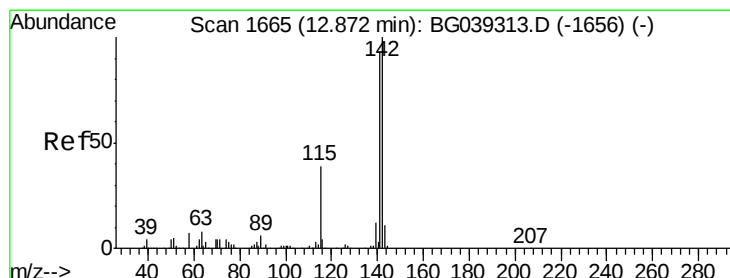
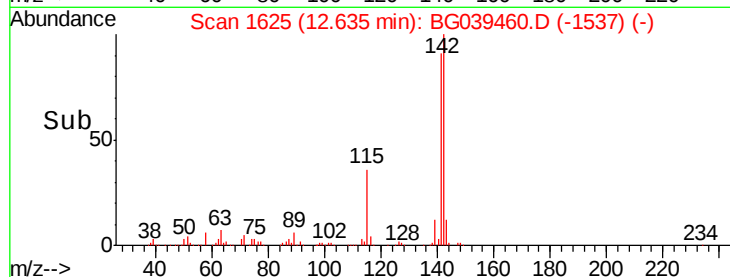
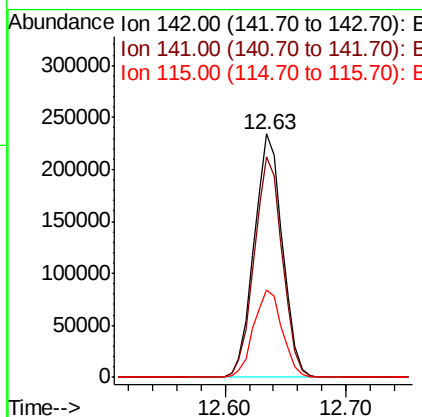
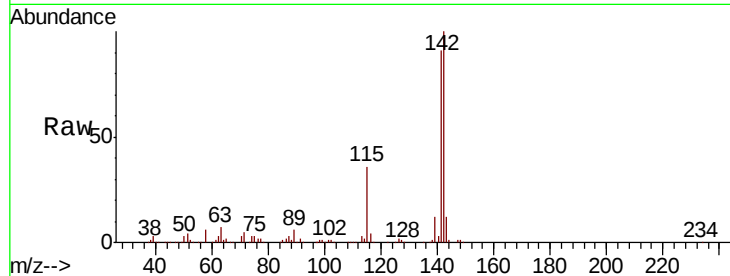
#37
2-Methylnaphthalene
Concen: 36.649 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3
115	35.9	30.8	46.2

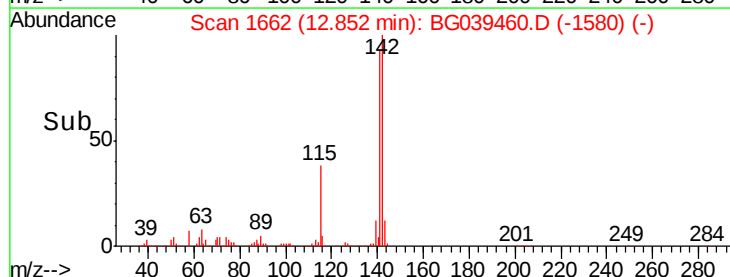
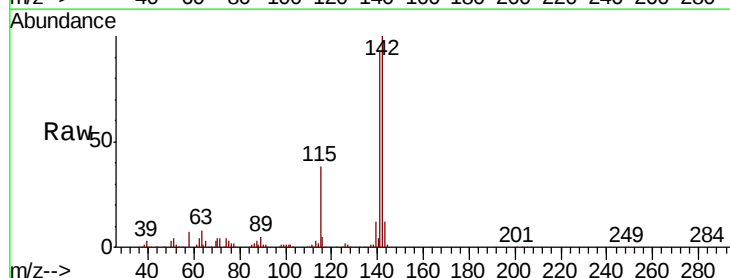
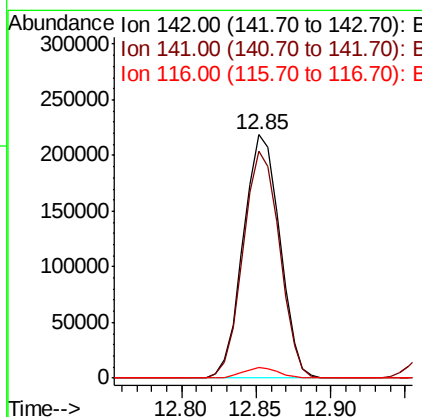
Manual Integrations
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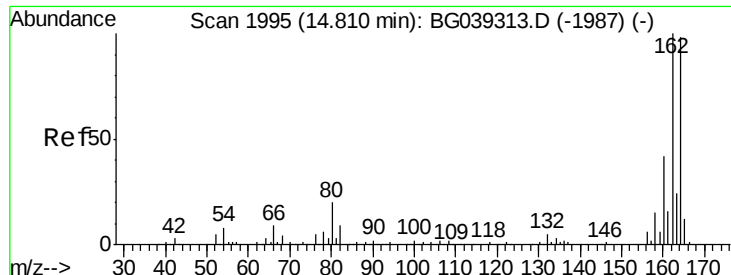
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#38
1-Methylnaphthalene
Concen: 36.853 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.2	111.4
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

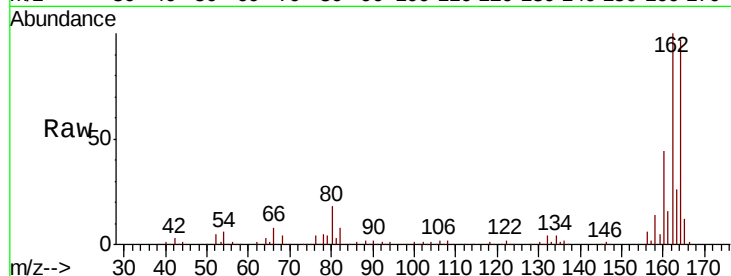
ClientSampleId :

PB116997BS

Tot Ion:	164	Resp:	214652
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.6	122.4
160	45.7	34.2	51.2

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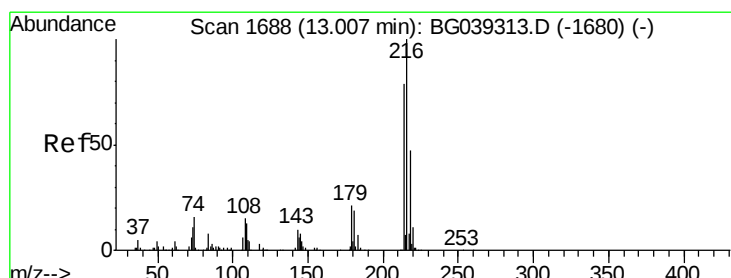
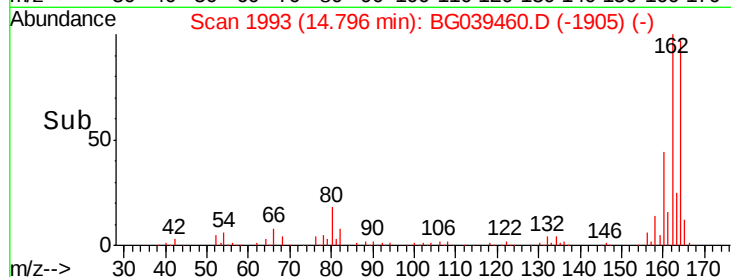
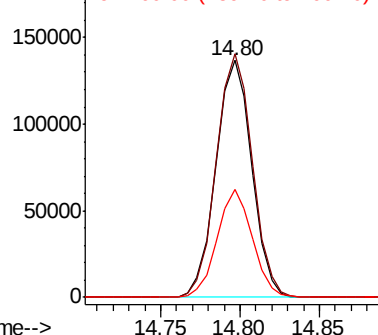


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.021 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:	216	Resp:	211860
Ion Ratio	Lower	Upper	
216	100		
214	80.3	62.6	94.0
179	20.7	16.6	25.0
108	18.0	14.0	21.0

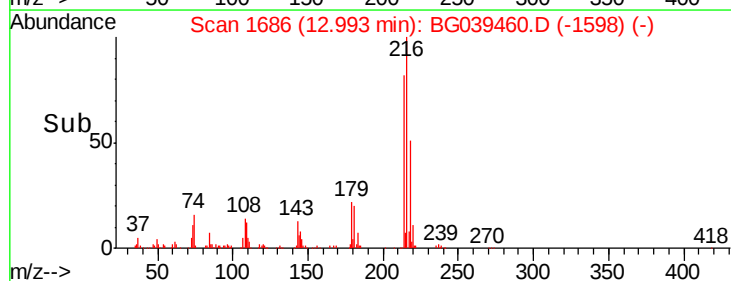
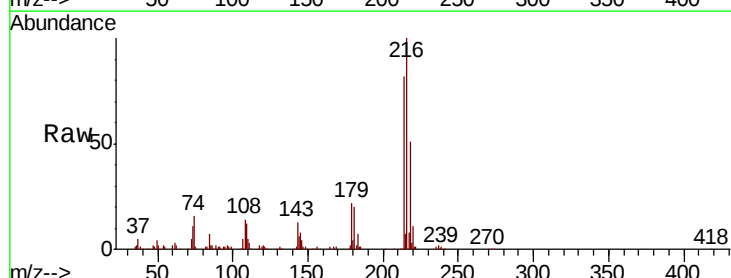
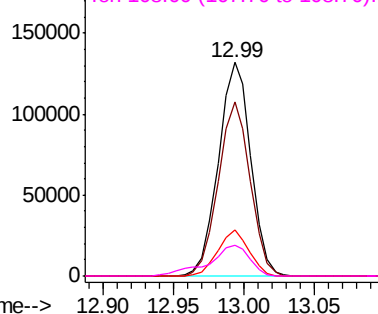
Abundance

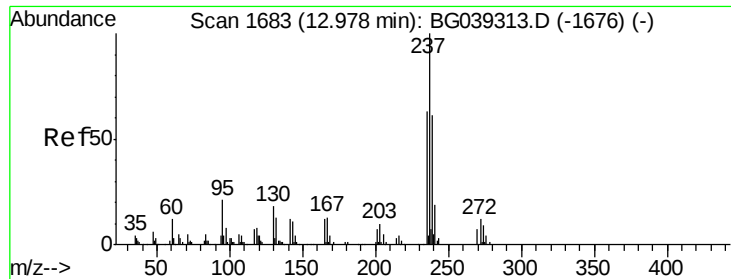
Ion 216.00 (215.70 to 216.70): E

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: 67.029 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

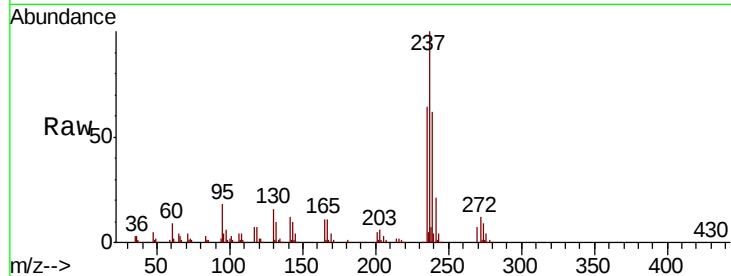
ClientSampleId :

PB116997BS

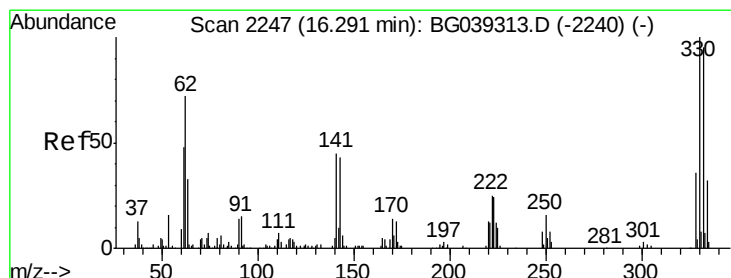
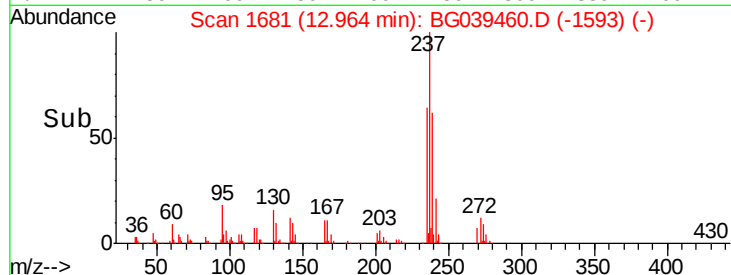
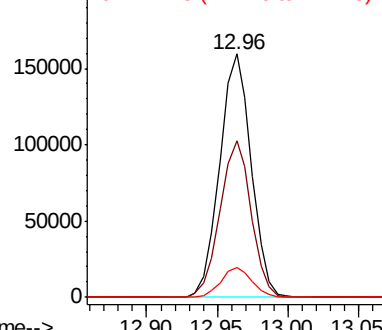
Tot Ion:	237	Resp:	249453
Ion Ratio	Lower	Upper	
237	100		
235	64.4	43.3	83.3
272	12.4	0.0	32.3

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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: 115.620 ng

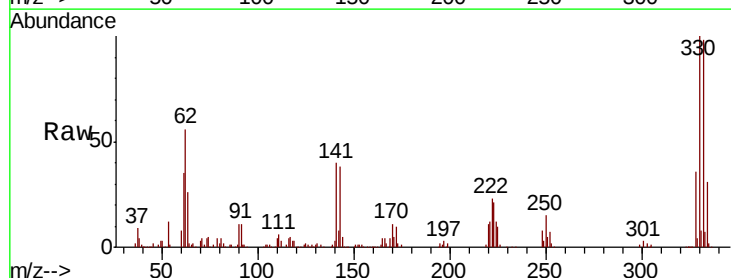
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

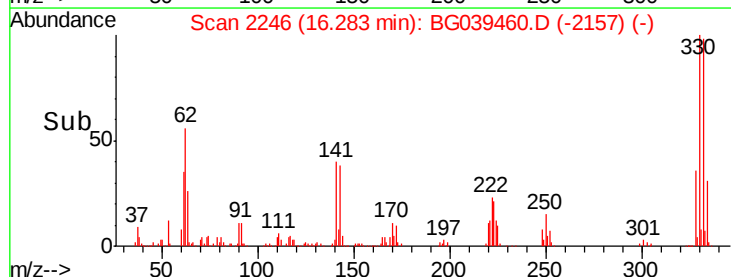
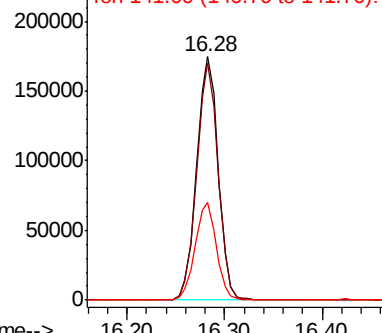
Lab File: BG039460.D

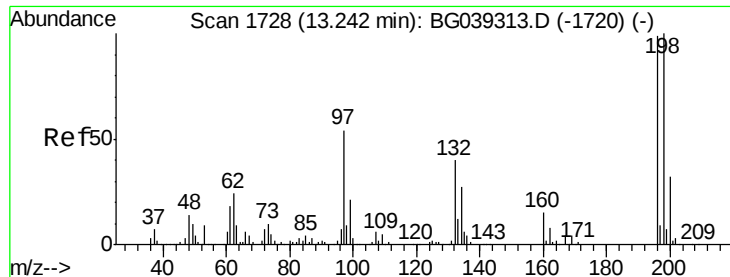
Acq: 12 Feb 2019 12:33

Tgt Ion:	330	Resp:	267247
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.7	113.5
141	39.6	35.6	53.4



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





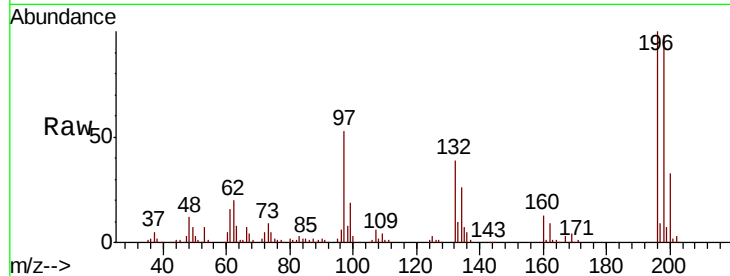
#43
2,4,6-Trichlorophenol
Concen: 37.105 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampled :
PB116997BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155810		
198	97.8	80.6	121.0	
200	32.7	26.1	39.1	

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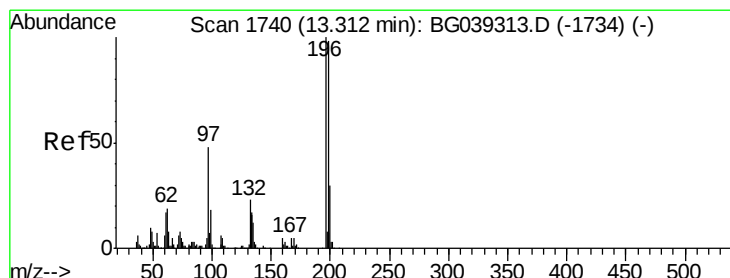
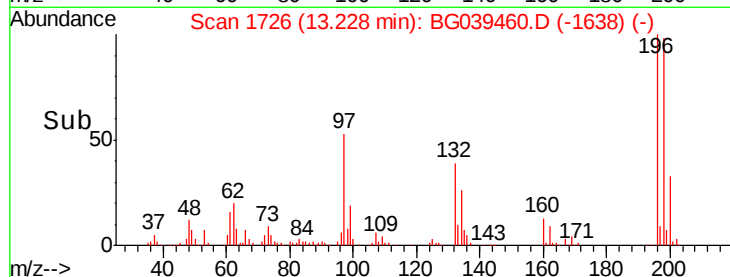
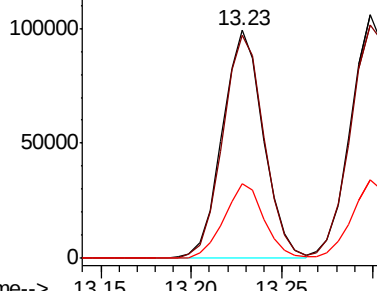


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 38.737 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170487		
198	95.7	78.5	117.7	
97	44.8	38.4	57.6	
132	25.4	19.2	28.8	

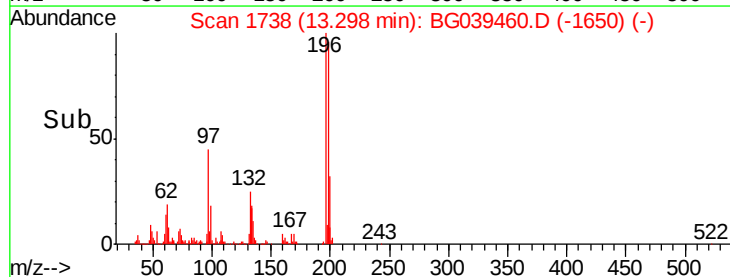
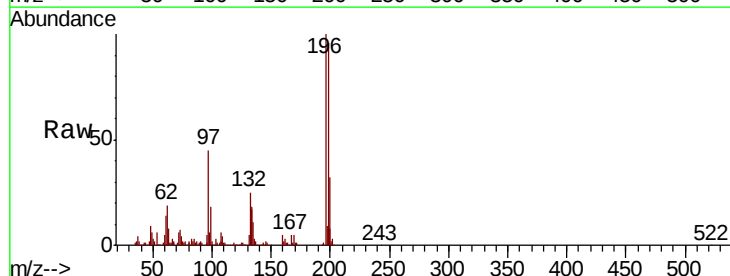
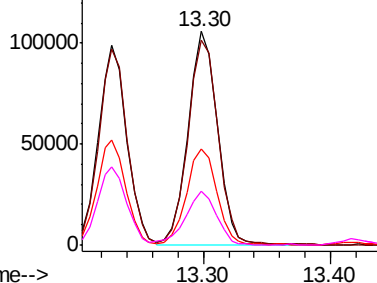
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





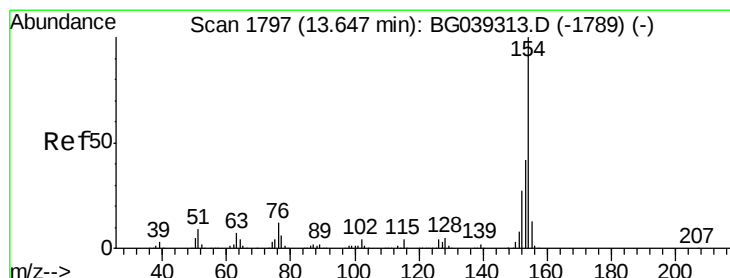
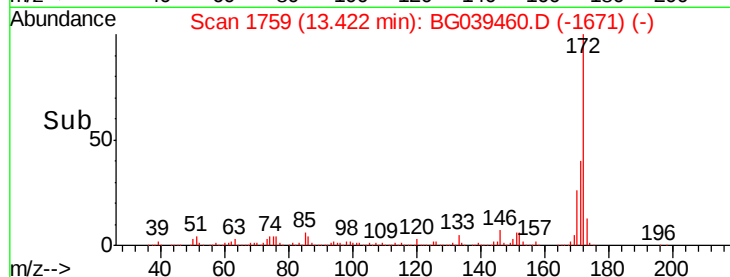
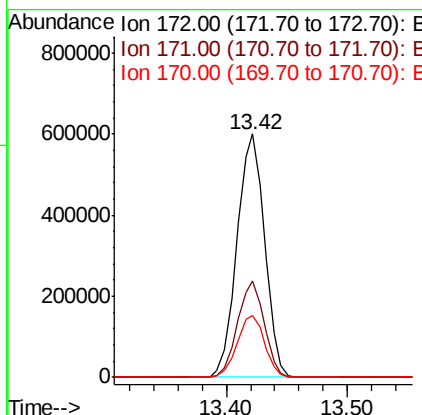
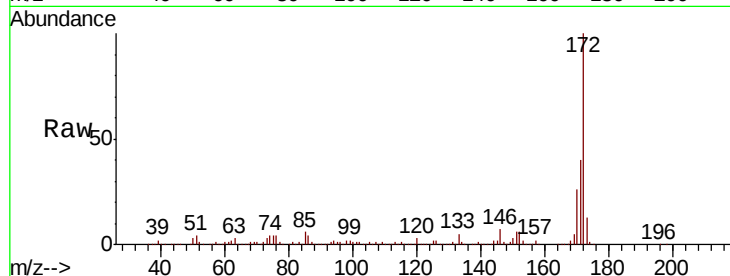
#45
2-Fluorobiphenyl
Concen: 63.903 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	956175		
171	39.8		30.8	46.2
170	25.7		20.2	30.4

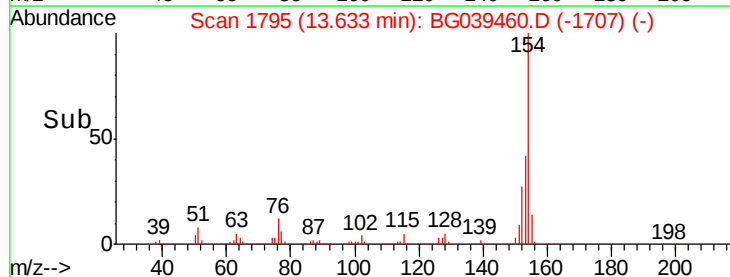
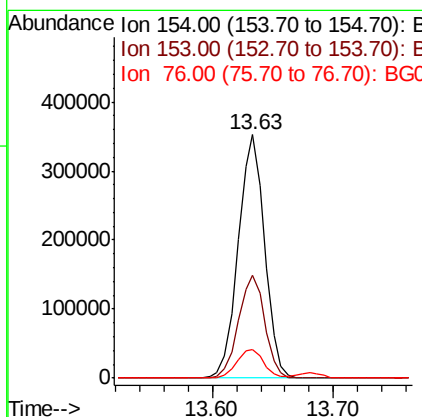
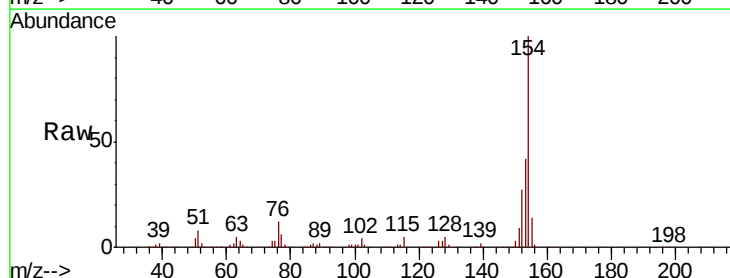
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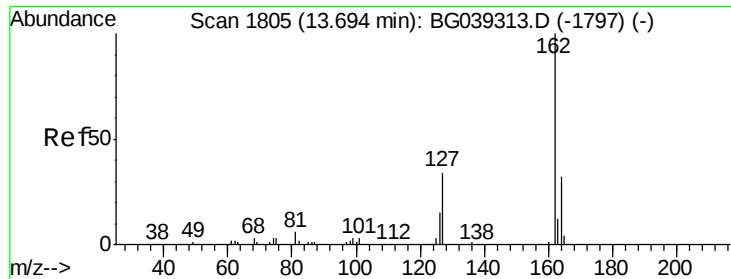
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#46
1,1'-Biphenyl
Concen: 30.000 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	535779		
153	42.3		22.1	62.1
76	11.8		0.0	32.4





#47

2-Chloronaphthalene

Concen: 30.813 ng

RT: 13.68 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

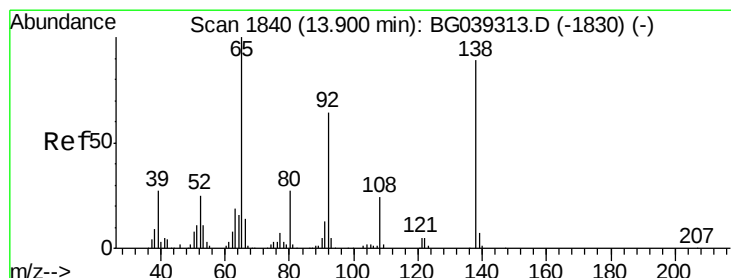
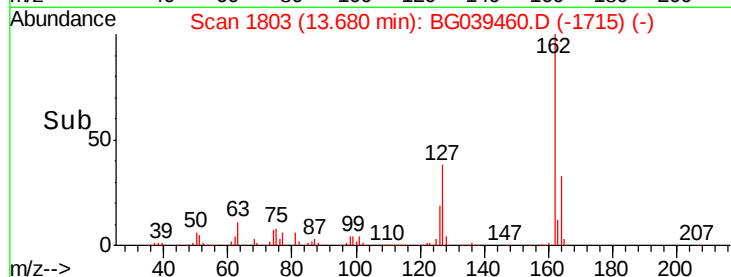
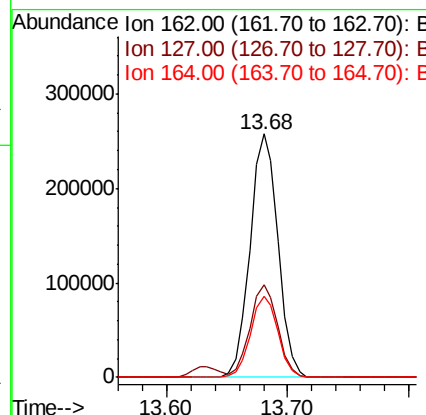
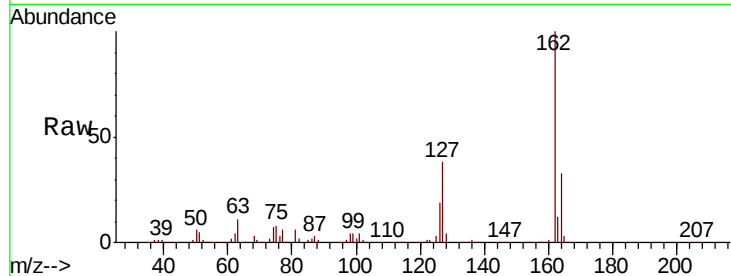
ClientSampleId :

PB116997BS

Tot Ion:	162	Resp:	413986
Ion Ratio	Lower	Upper	
162	100		
127	37.9	31.0	46.6
164	33.0	25.7	38.5

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#48

2-Nitroaniline

Concen: 39.146 ng

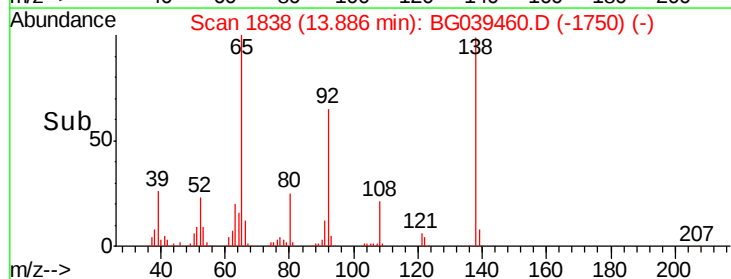
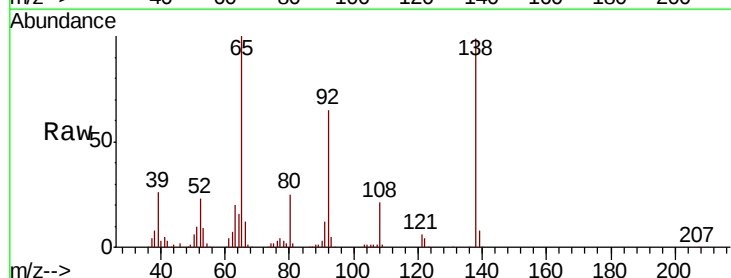
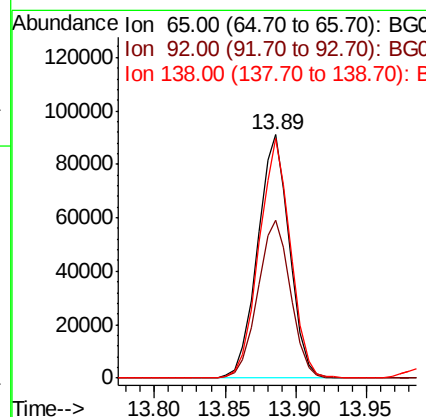
RT: 13.89 min Scan# 1838

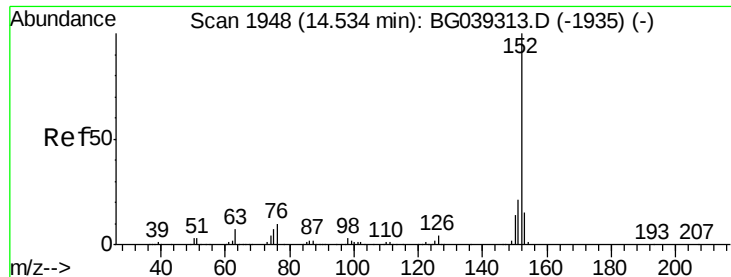
Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:	65	Resp:	143941
Ion Ratio	Lower	Upper	
65	100		
92	64.7	51.4	77.2
138	98.5	71.4	107.2





#49

Acenaphthylene

Concen: 33.261 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

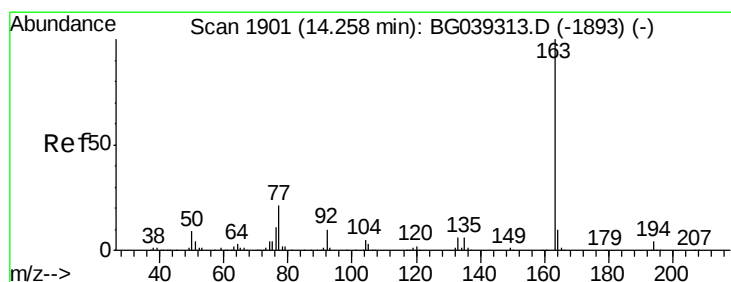
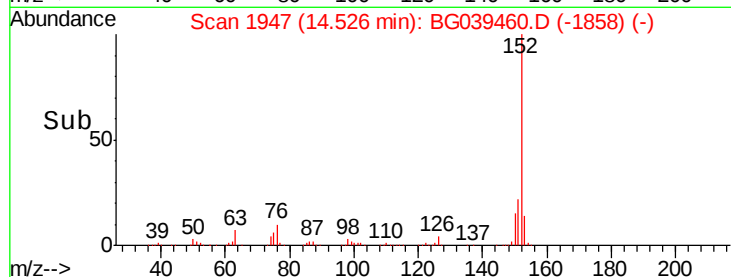
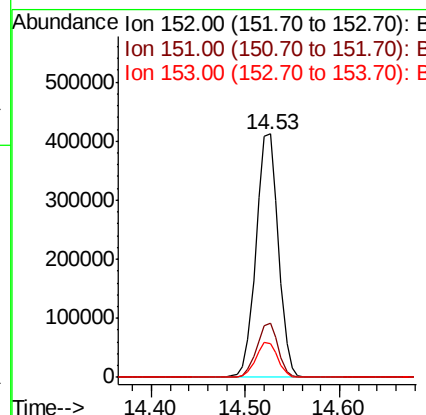
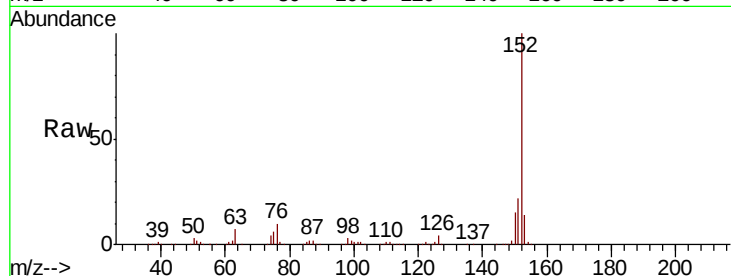
ClientSampleId :

PB116997BS

Tot Ion:	152	Resp:	674306
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.8	25.2
153	14.1	11.7	17.5

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#50

Dimethylphthalate

Concen: 32.972 ng

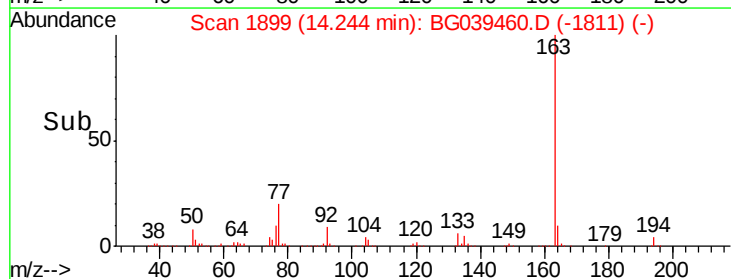
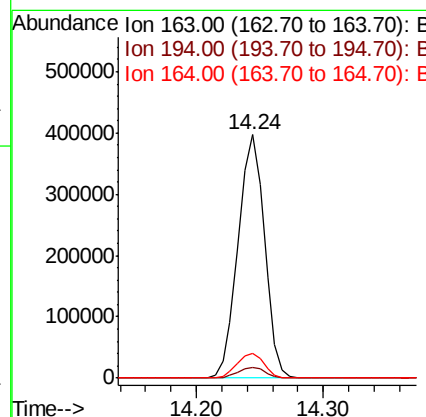
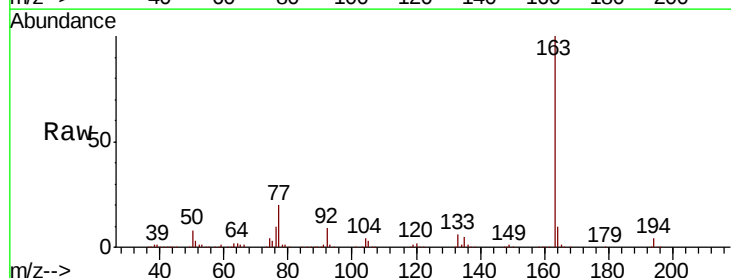
RT: 14.24 min Scan# 1899

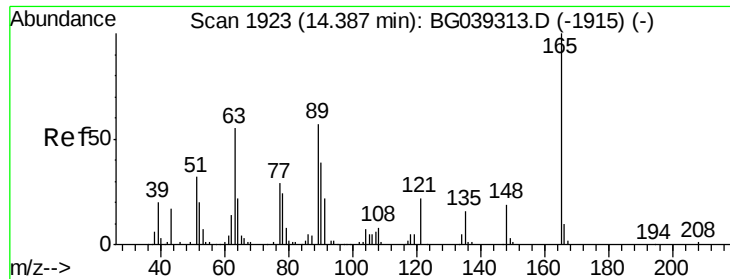
Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:	163	Resp:	571612
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.0	8.4	12.6





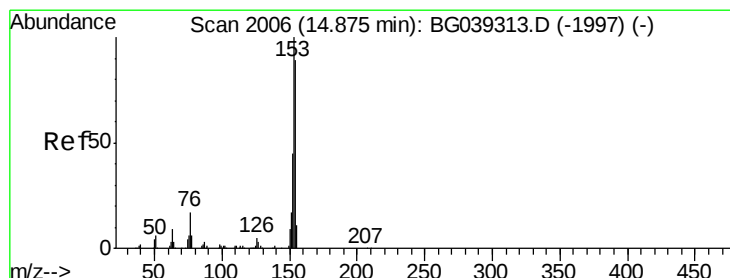
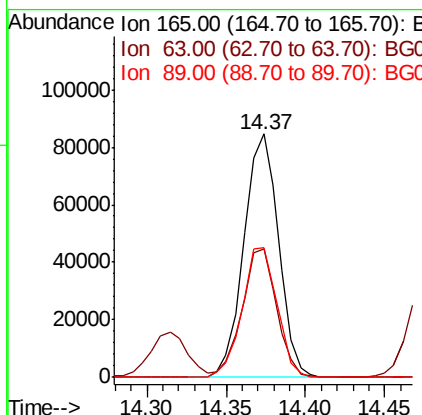
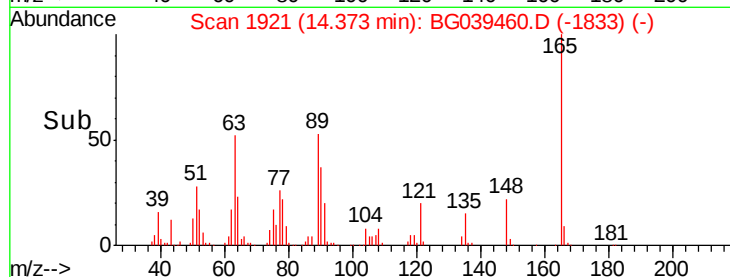
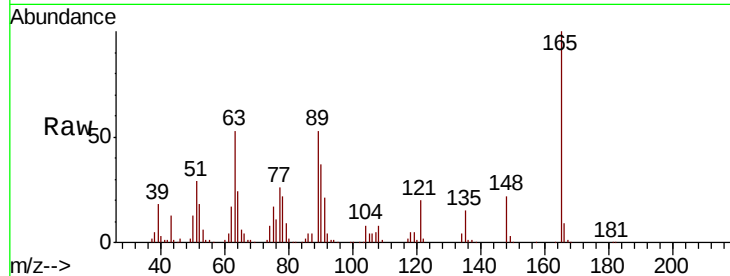
#51
 2,6-Dinitrotoluene
 Concen: 40.750 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Instrument :
 BNA_G
 ClientSampled :
 PB116997BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	128313		
63	52.8	47.0	70.6	
89	53.2	45.8	68.8	

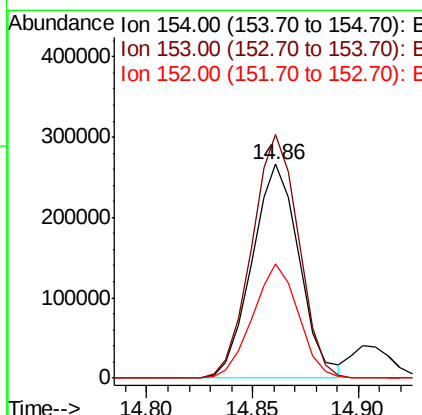
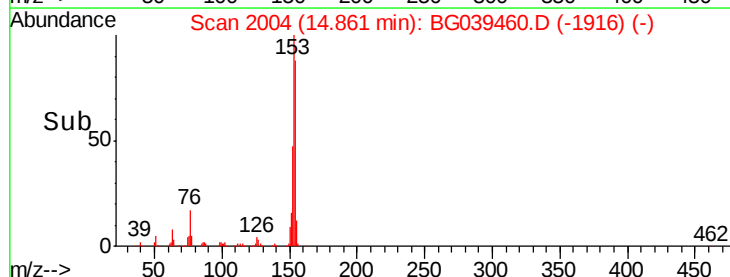
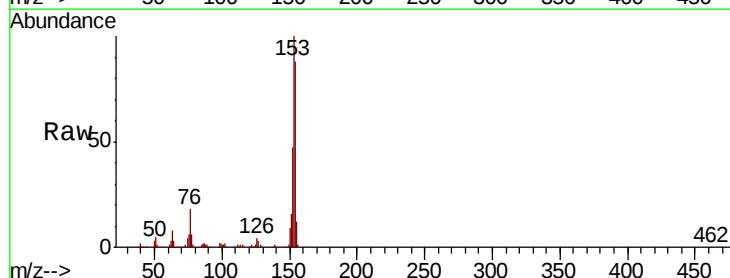
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#52
 Acenaphthene
 Concen: 31.510 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	414652		
153	113.8	90.1	135.1	
152	53.3	40.9	61.3	





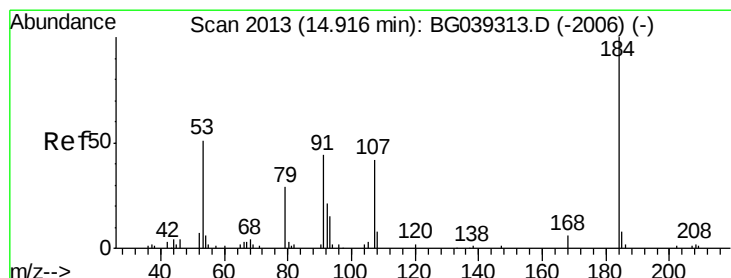
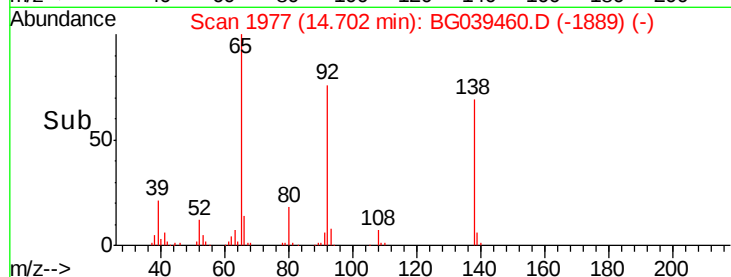
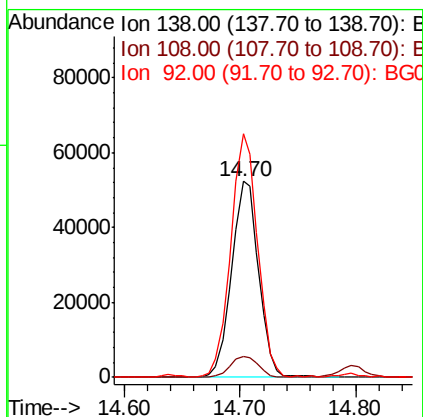
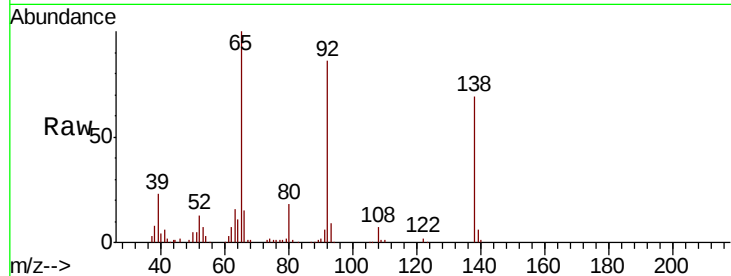
#53
3-Nitroaniline
Concen: 27.079 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion:138 Resp: 84632
Ion Ratio Lower Upper
138 100
108 10.4 13.8 20.8#
92 124.4 103.7 155.5

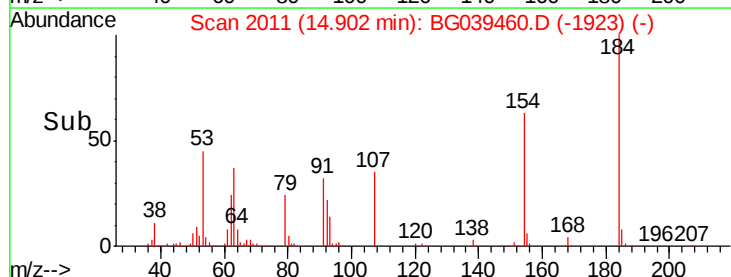
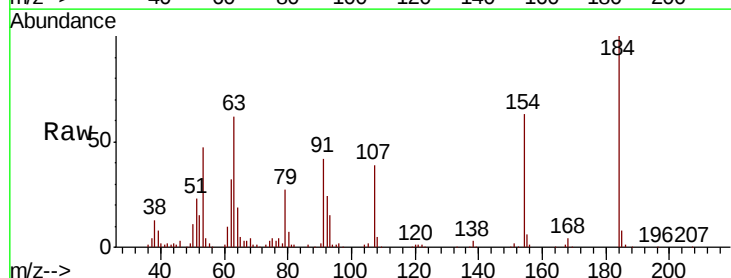
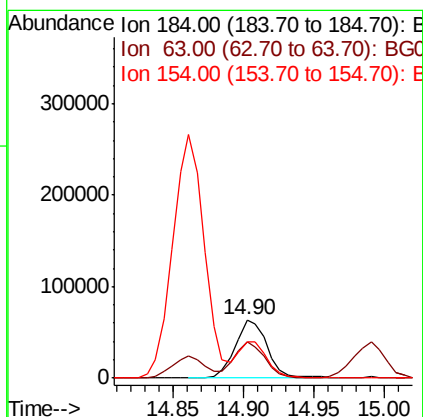
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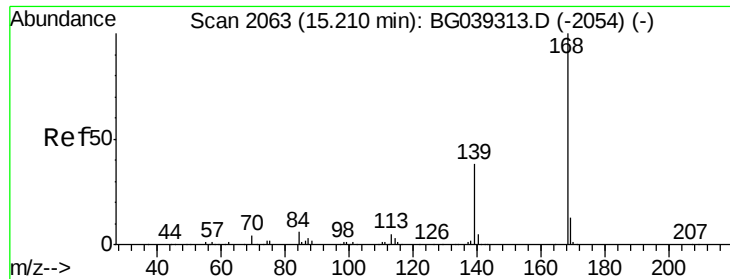
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#54
2,4-Dinitrophenol
Concen: 73.355 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion:184 Resp: 100827
Ion Ratio Lower Upper
184 100
63 61.7 50.9 76.3
154 63.4 53.0 79.6





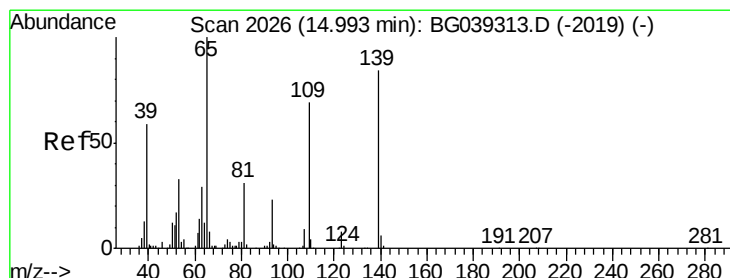
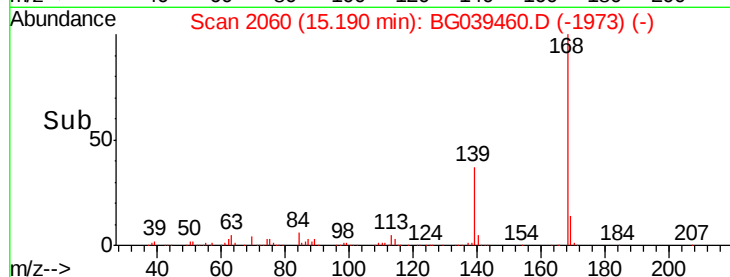
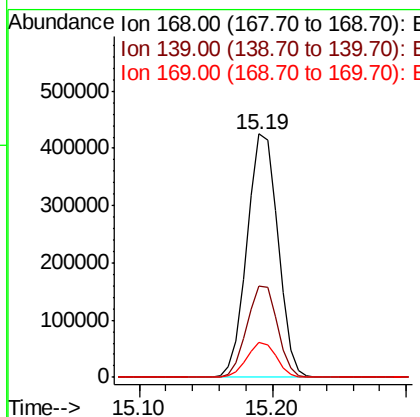
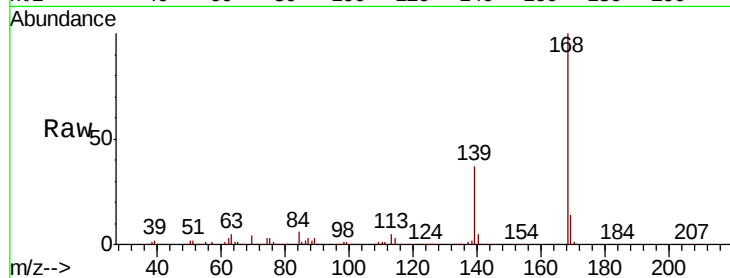
#55
Dibenzofuran
Concen: 32.000 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampled :
PB116997BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	14.3	10.6	16.0

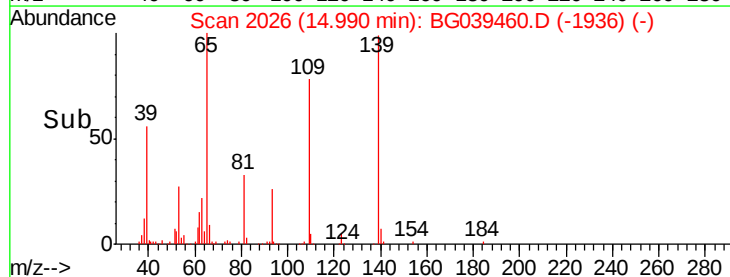
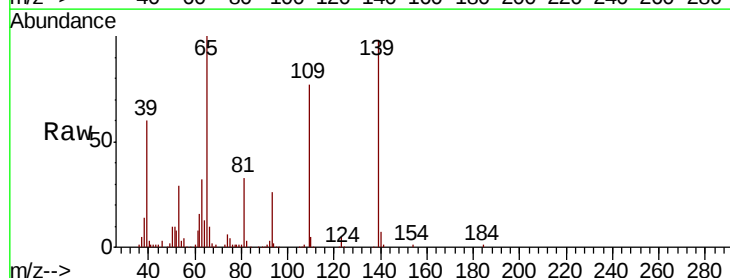
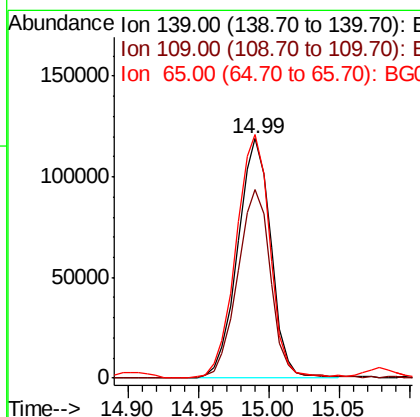
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#56
4-Nitrophenol
Concen: 63.869 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.8	61.9	101.9
65	101.6	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 43.613 ng

RT: 15.15 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

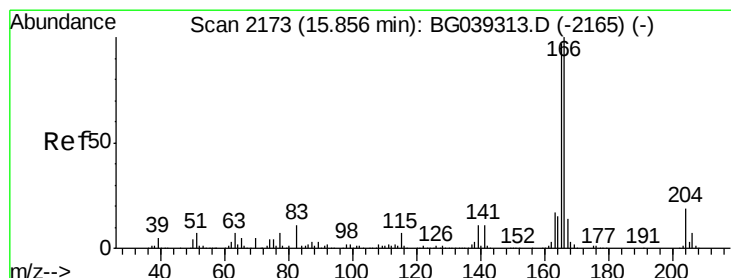
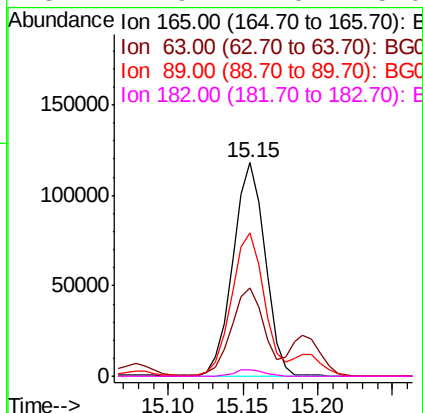
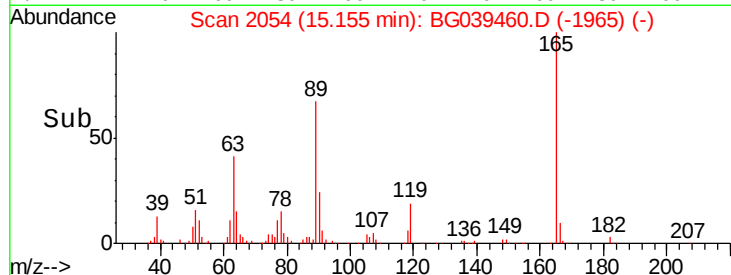
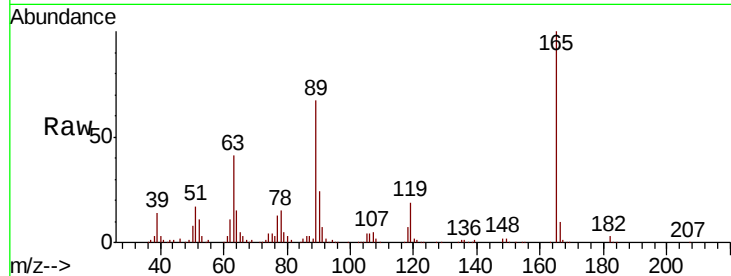
ClientSampleId :

PB116997BS

Tot Ion:	165	Resp:	177463
Ion Ratio	Lower	Upper	
165	100		
63	41.4	41.0	61.6
89	67.3	64.6	96.8
182	2.9	2.0	3.0

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#58

Fluorene

Concen: 34.109 ng

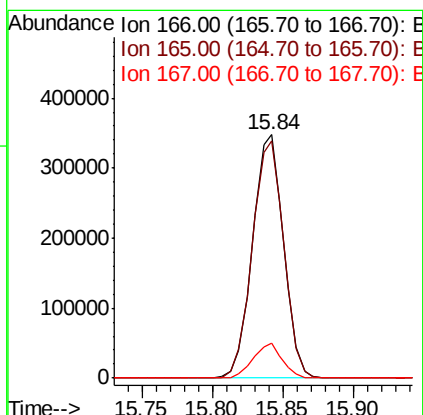
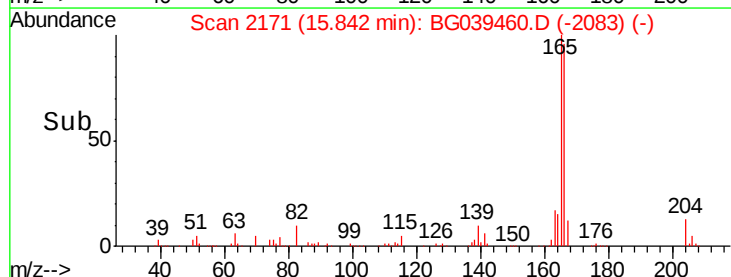
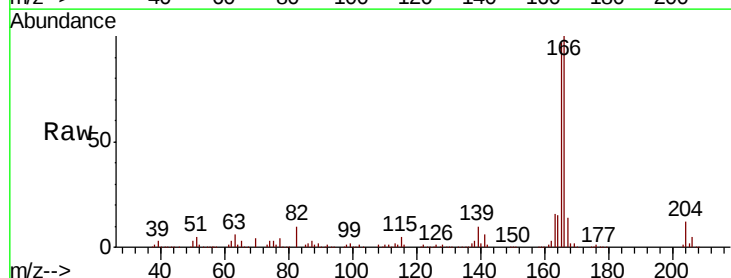
RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:	166	Resp:	536481
Ion Ratio	Lower	Upper	
166	100		
165	97.5	77.9	116.9
167	14.3	10.8	16.2





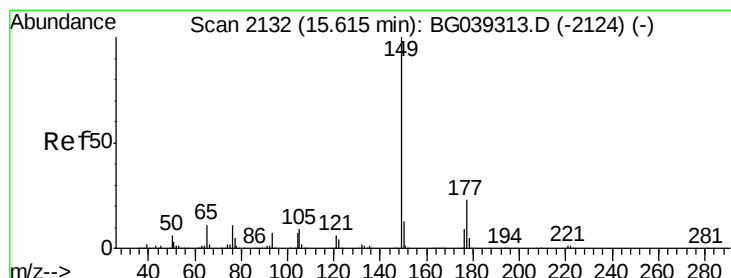
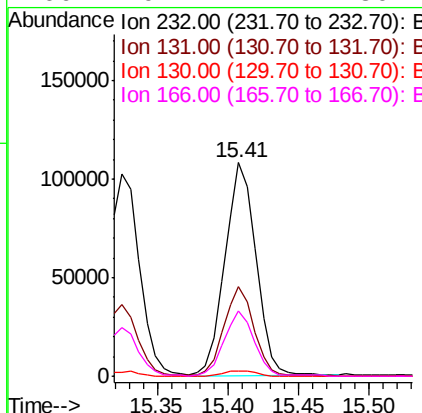
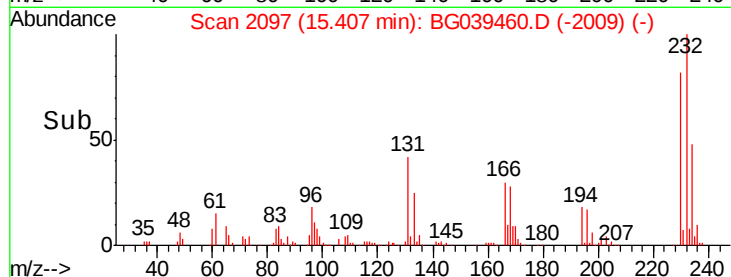
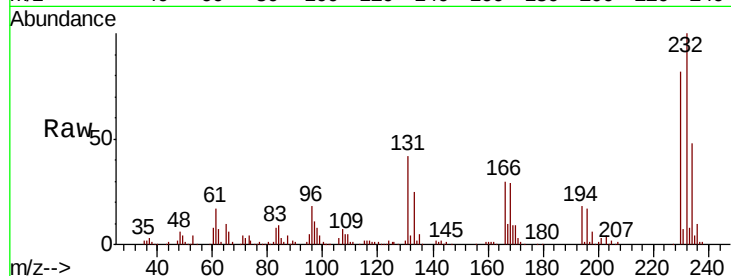
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.141 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		165415		
131	40.3		34.9	52.3	
130	2.6		2.0	3.0	
166	29.4		24.1	36.1	

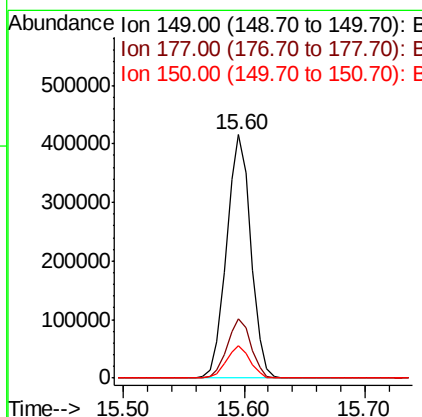
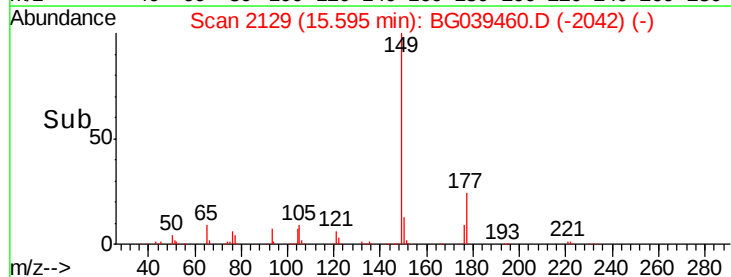
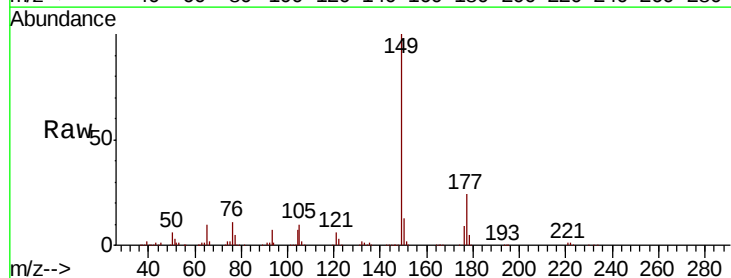
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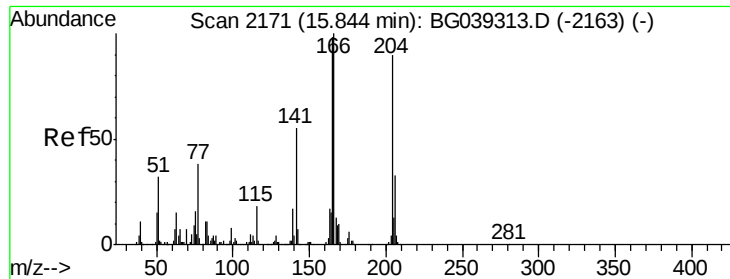
Sohil
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#60
Diethylphthalate
Concen: 32.112 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		575592		
177	24.2		18.3	27.5	
150	13.2		10.2	15.2	





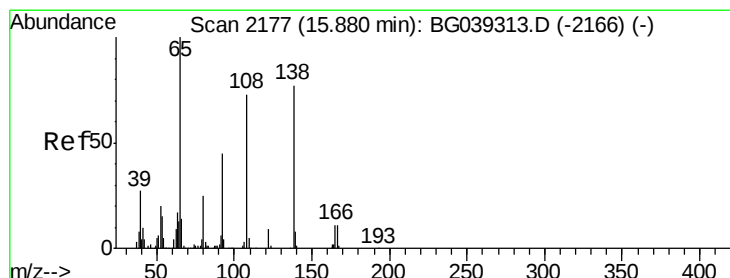
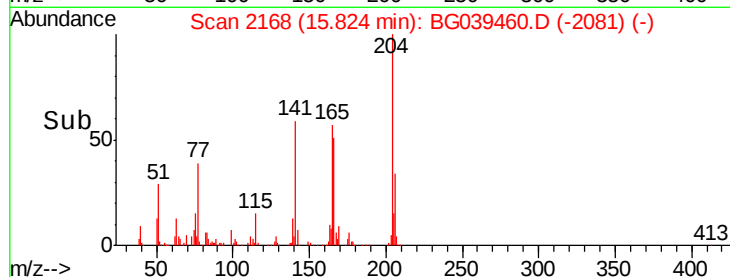
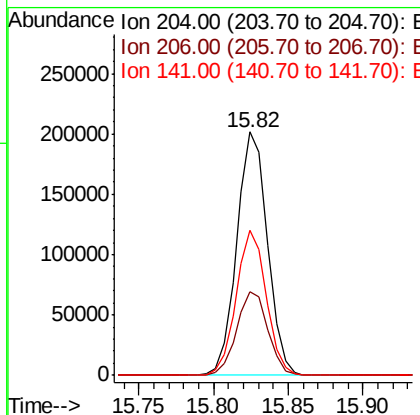
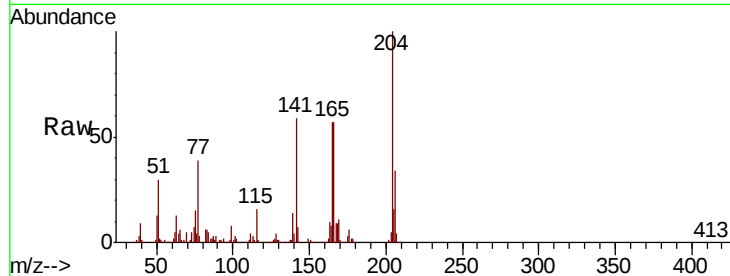
#61
 4-Chlorophenyl-phenylether
 Concen: 32.230 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Instrument :
 BNA_G
 ClientSampled :
 PB116997BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	29.2	43.8
141	59.4	49.0	73.4

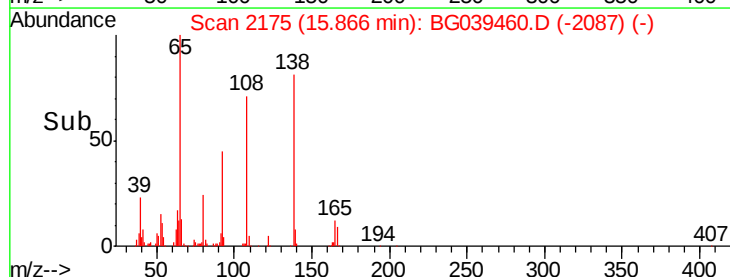
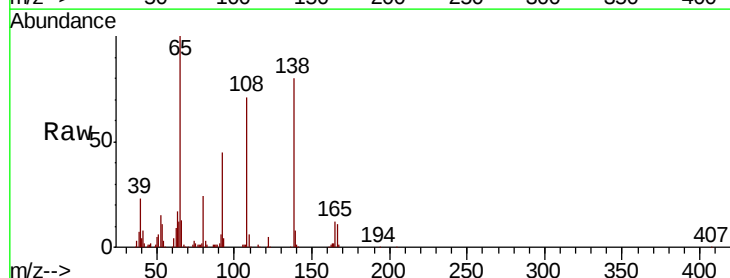
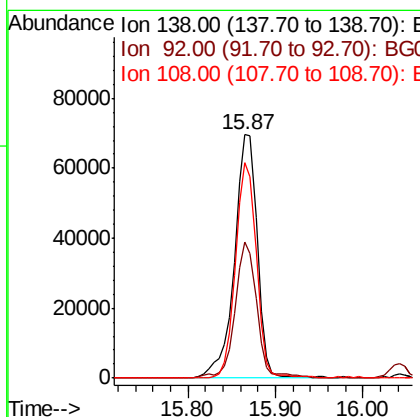
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#62
 4-Nitroaniline
 Concen: 34.967 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	38.7	78.7
108	88.4	74.6	114.6





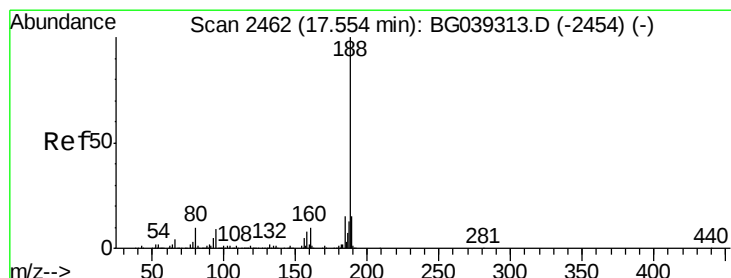
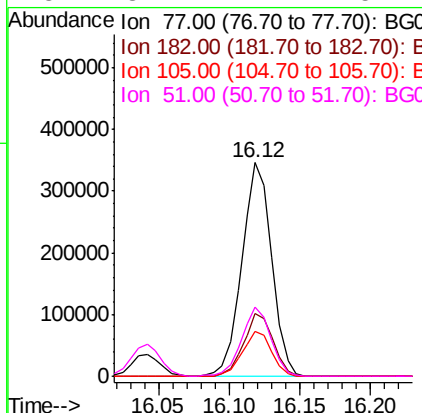
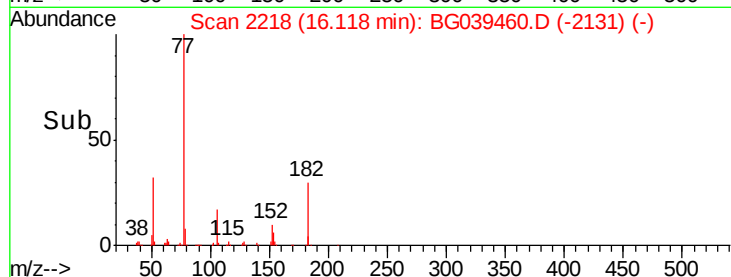
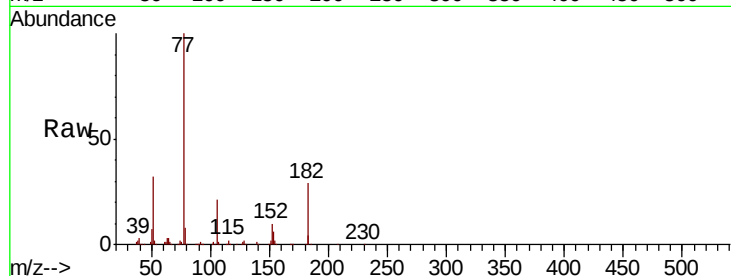
#63
Azobenzene
Concen: 28.998 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampled :
PB116997BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.2	6.4	46.4
105	20.8	0.0	39.8
51	32.2	14.1	54.1

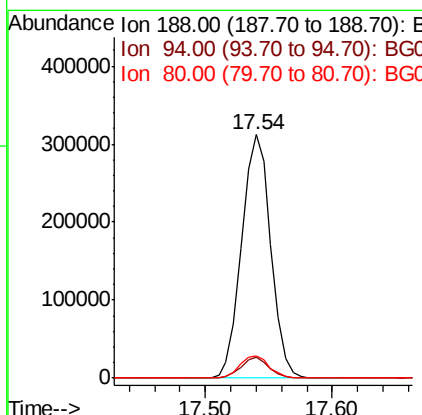
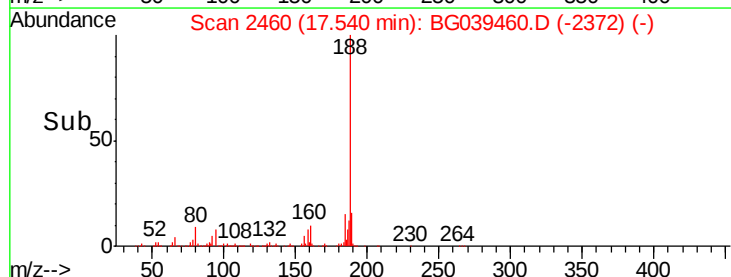
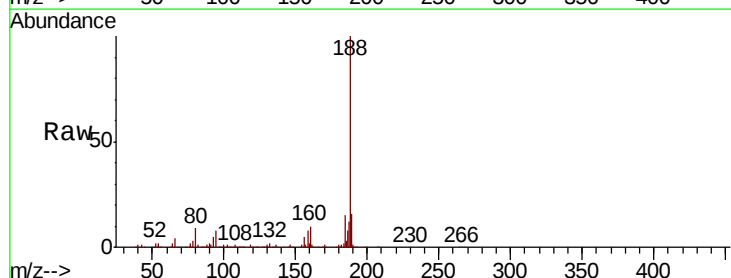
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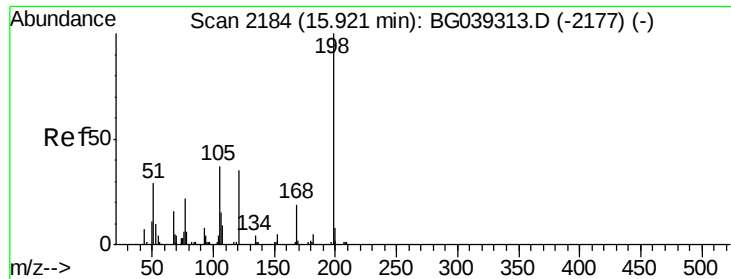
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.2	8.1	12.1





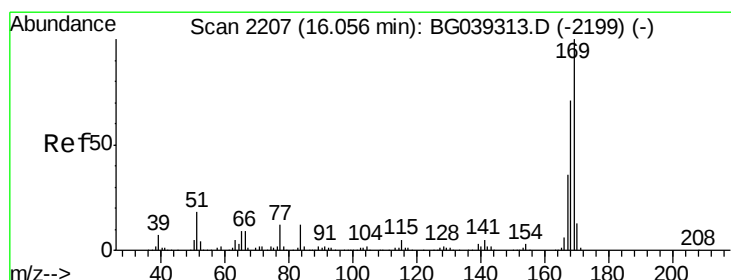
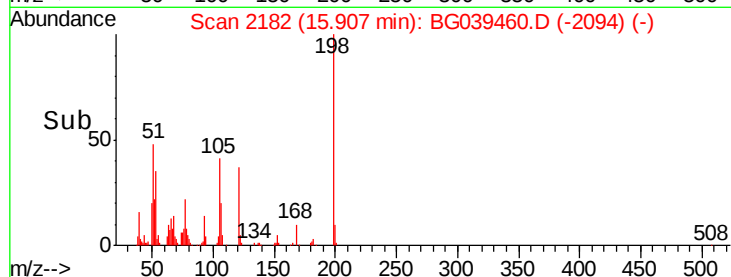
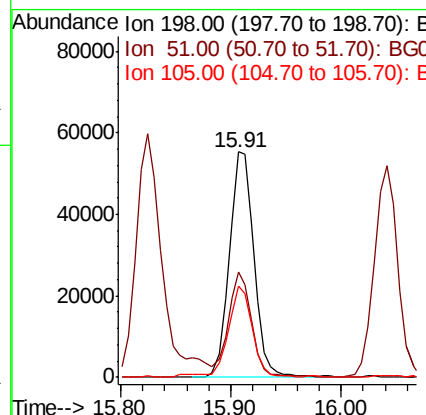
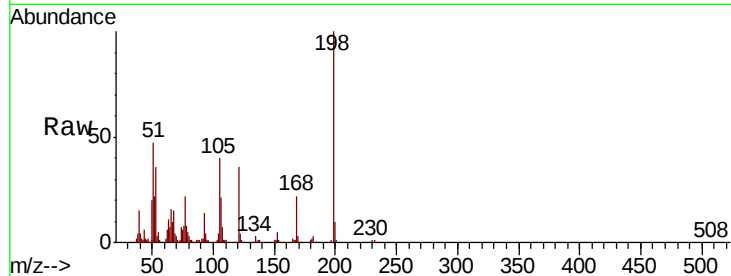
#65
4,6-Dinitro-2-methylphenol
Concen: 45.378 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.6	27.4	67.4
105	40.4	19.7	59.7

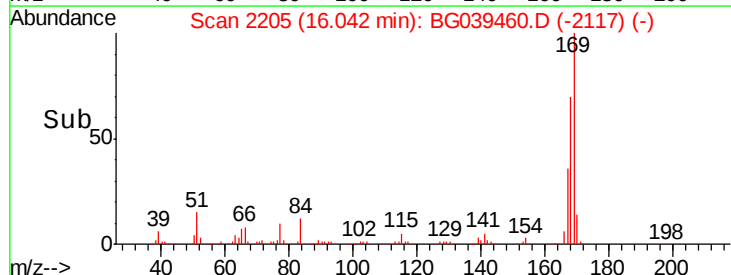
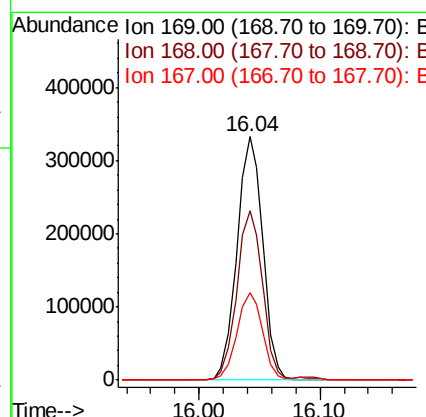
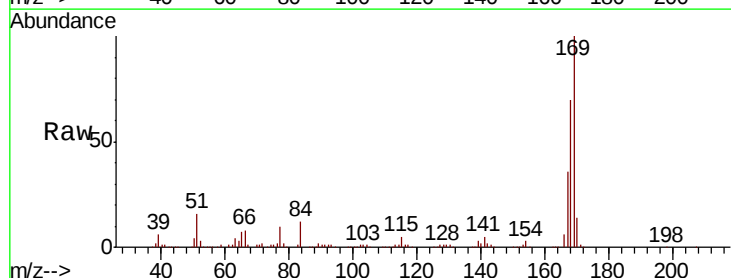
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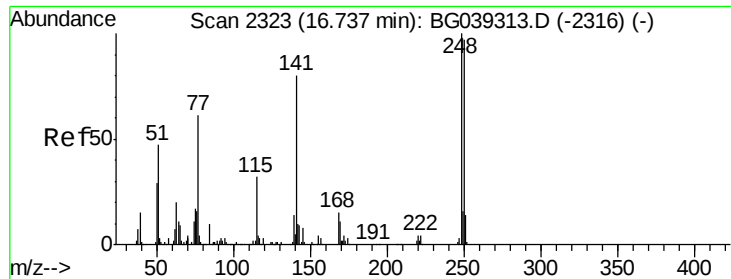
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#66
n-Nitrosodiphenylamine
Concen: 32.936 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.6	56.6	85.0
167	35.7	28.8	43.2





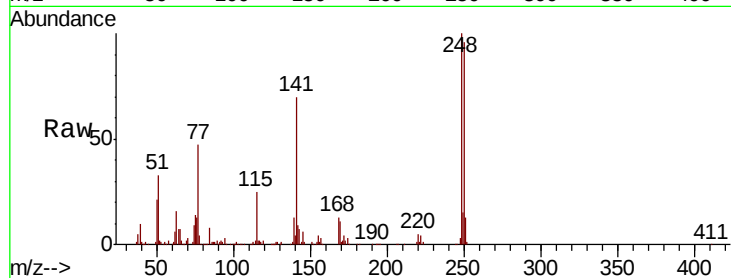
#67
4-Bromophenyl-phenylether
Concen: 34.217 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.6	116.4
141	69.7	63.9	95.9

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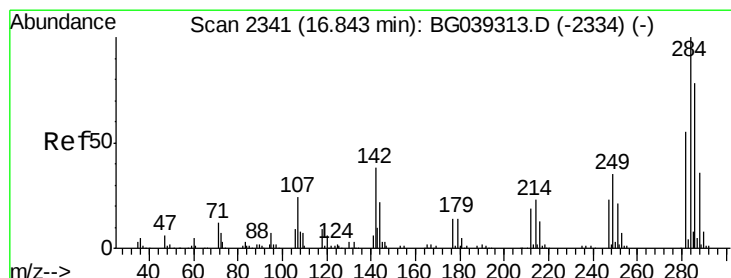
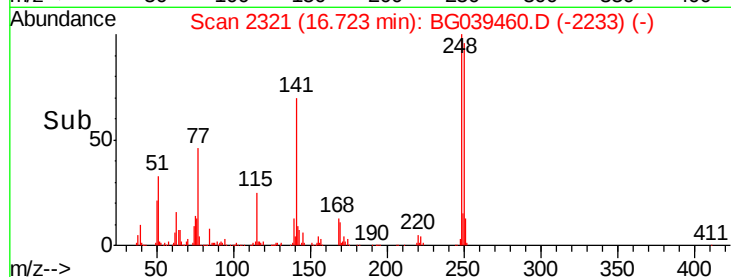
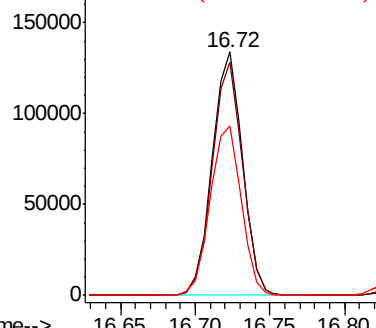


Abundance

Ion 248.00 (247.70 to 248.70): E

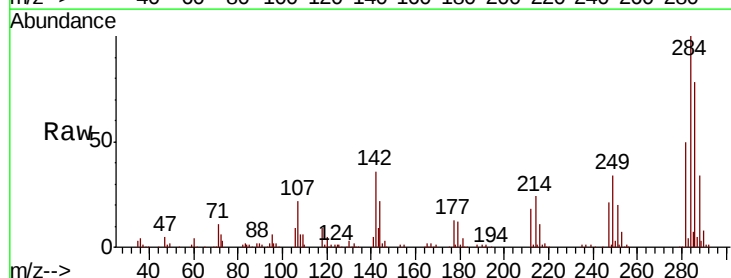
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.821 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	30.6	45.8
249	33.9	28.2	42.2

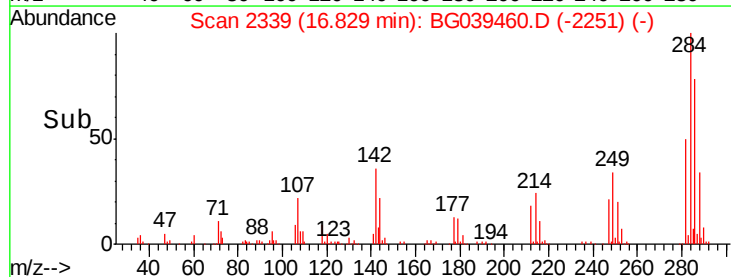
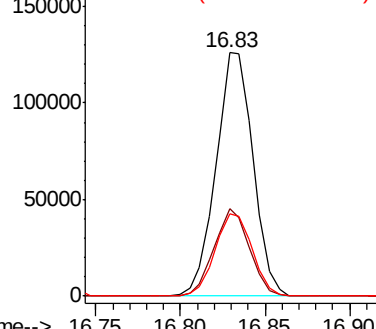


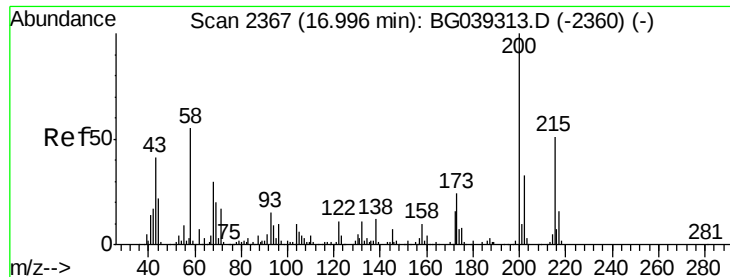
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





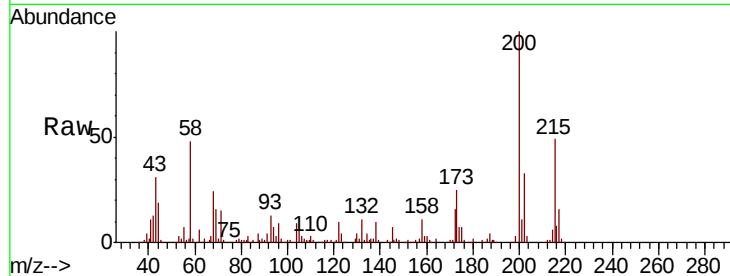
#69
 Atrazine
 Concen: 34.711 ng
 RT: 16.98 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116997BS

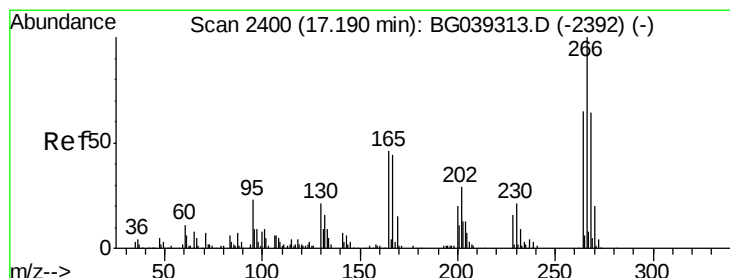
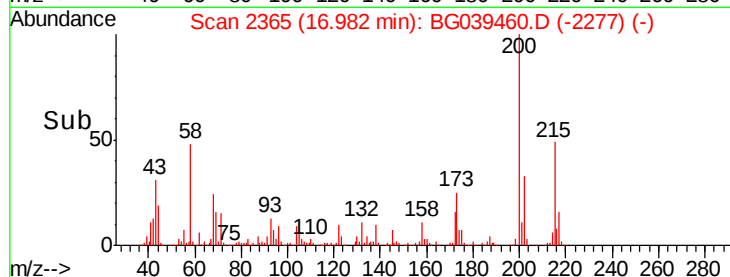
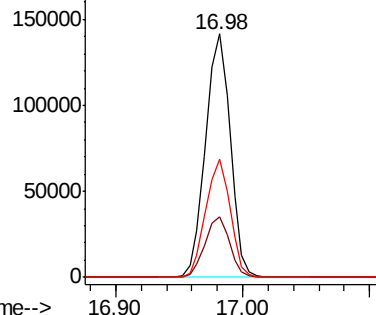
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	3.9	43.9
215	48.8	30.9	70.9

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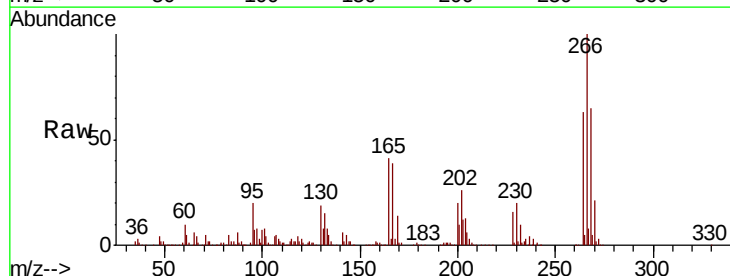


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

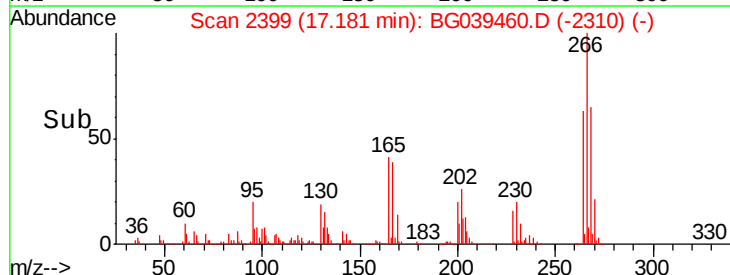
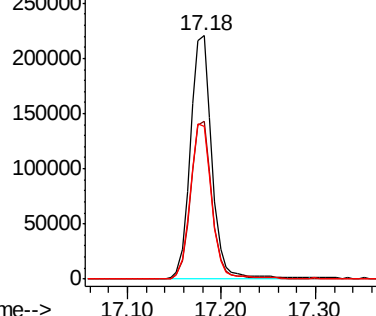


#70
 Pentachlorophenol
 Concen: 92.393 ng
 RT: 17.18 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	51.1	76.7
264	62.8	52.1	78.1



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





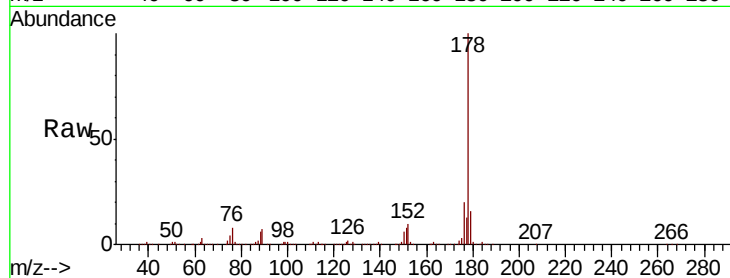
#71
Phenanthrene
Concen: 33.453 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.2	12.6	19.0

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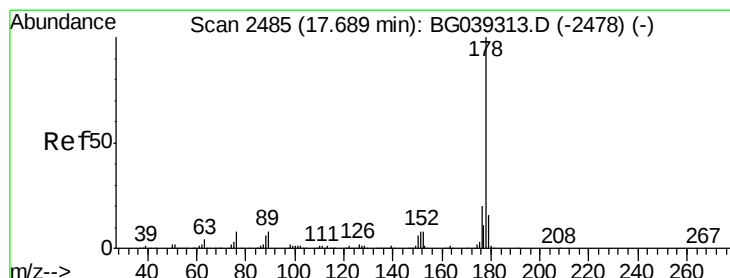
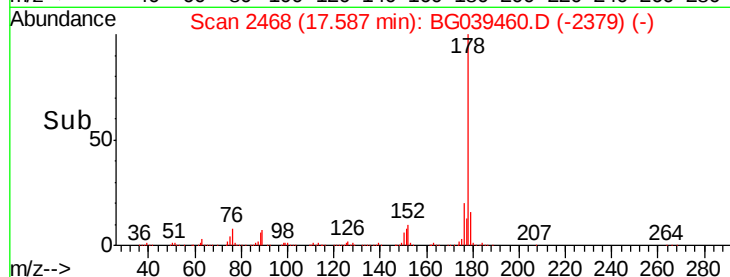
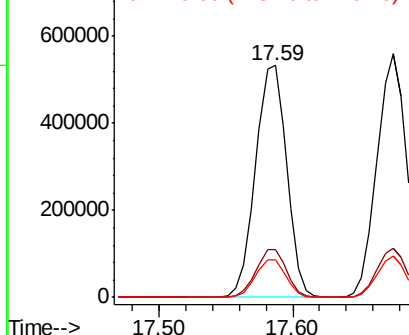


Abundance

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: 34.029 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

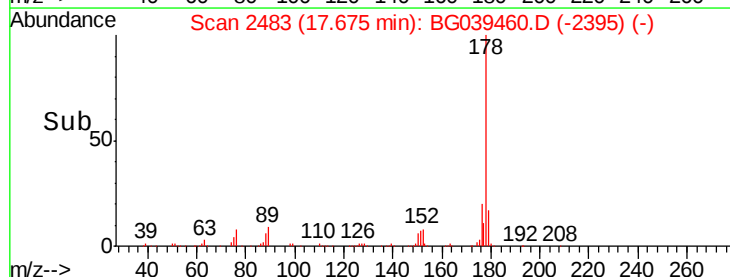
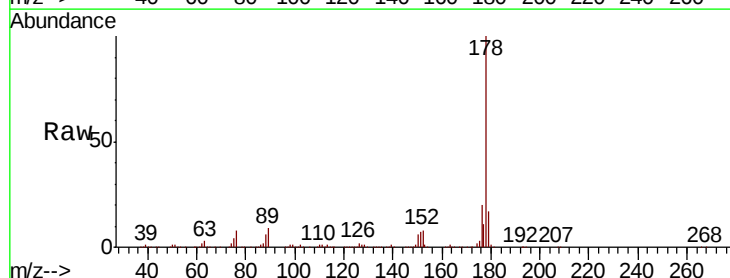
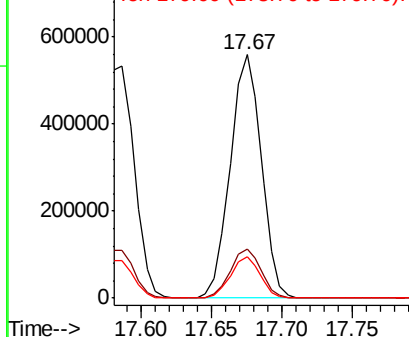
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.9	12.5	18.7

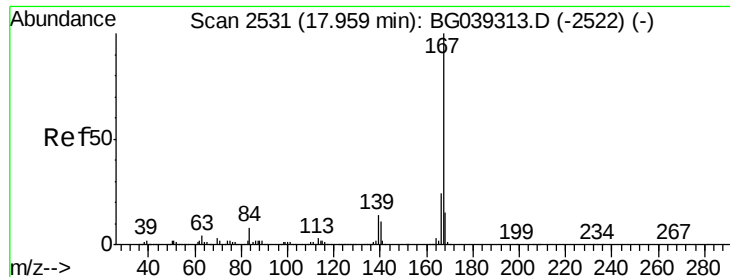
Abundance

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





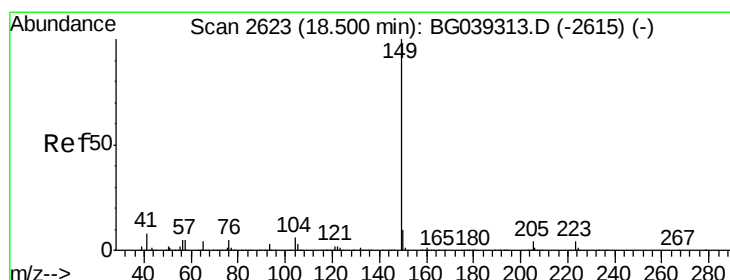
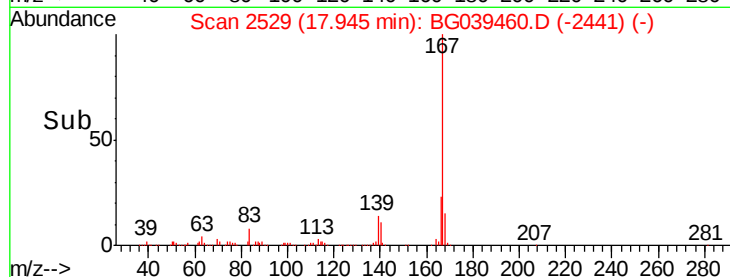
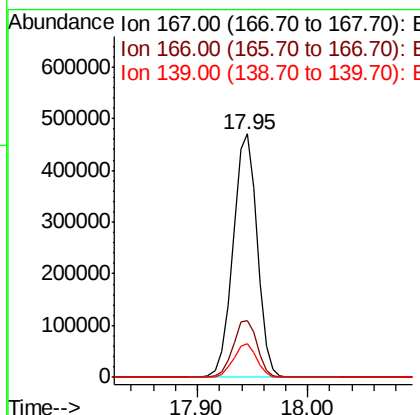
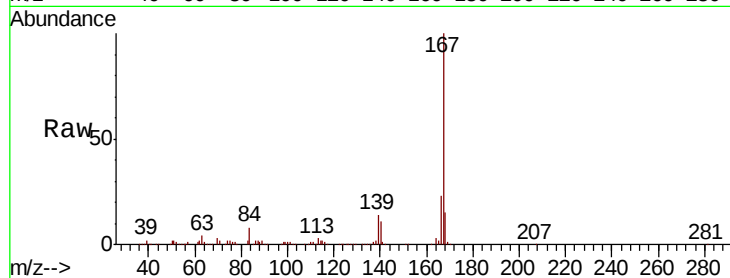
#73
 Carbazole
 Concen: 28.636 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116997BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	720190		
166	23.5		19.4	29.2
139	13.9		10.8	16.2

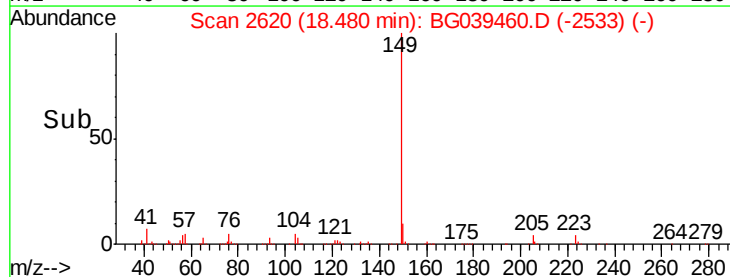
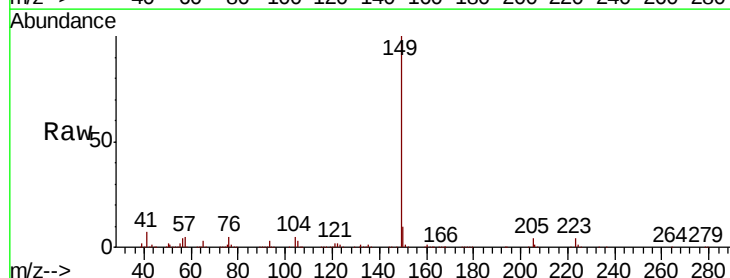
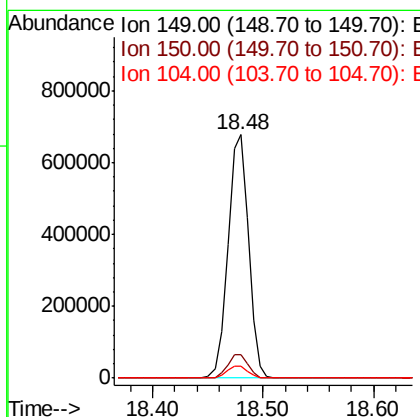
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#74
 Di-n-butylphthalate
 Concen: 30.026 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	880969		
150	9.6		7.7	11.5
104	4.9		4.5	6.7





#75

Fluoranthene

Concen: 31.236 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

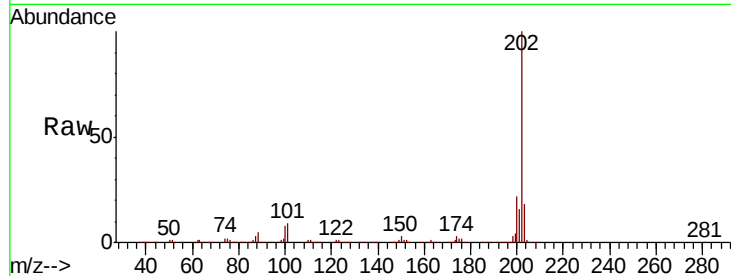
ClientSampleId :

PB116997BS

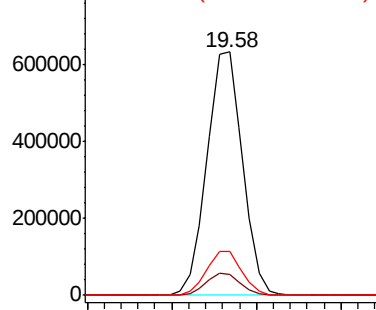
Tot Ion	Ratio	Resp	Lower	Upper
202	100	927560		
101	8.8	0.0	30.0	
203	18.3	0.0	38.9	

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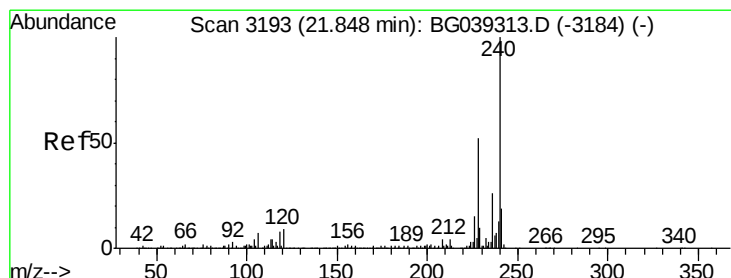
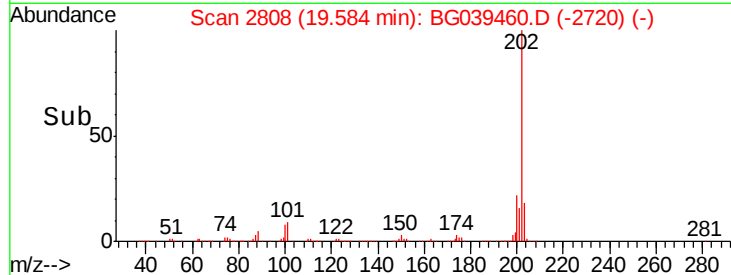
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.50 19.55 19.60 19.65



#76

Chrysene-d12

Concen: 20.000 ng

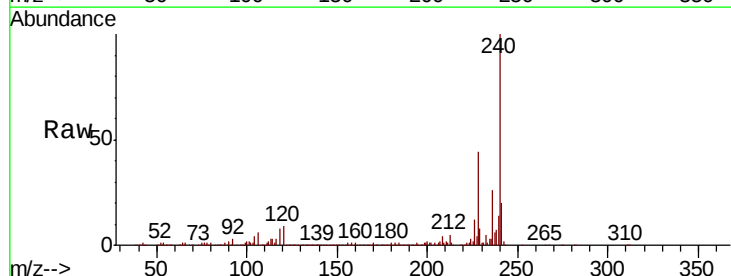
RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

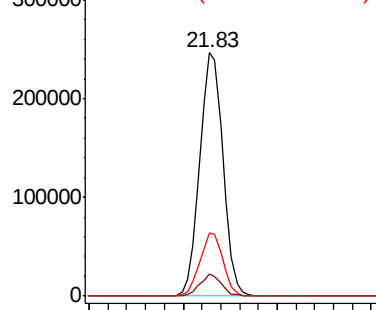
Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

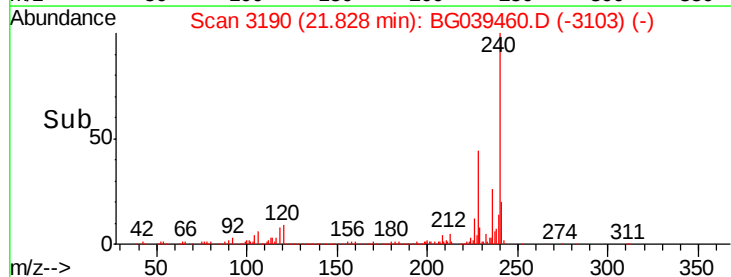
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	422980		
120	9.1	7.0	10.6	
236	25.9	21.0	31.4	

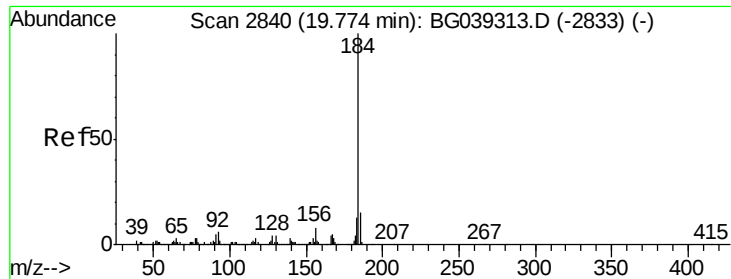


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90





#77

Benzidine

Concen: 13.634 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

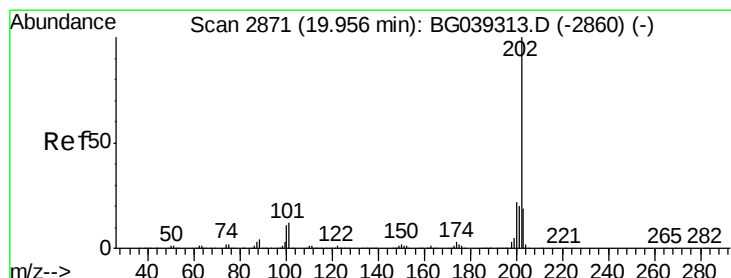
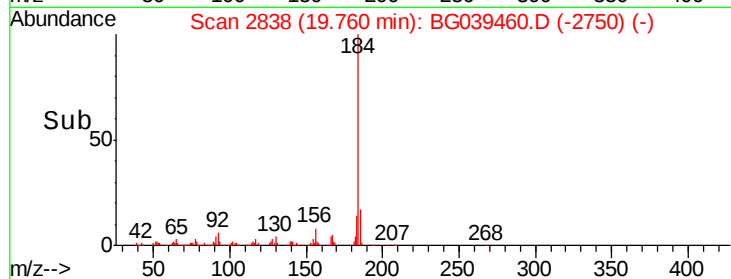
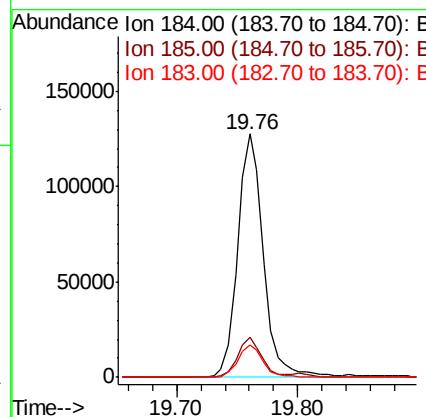
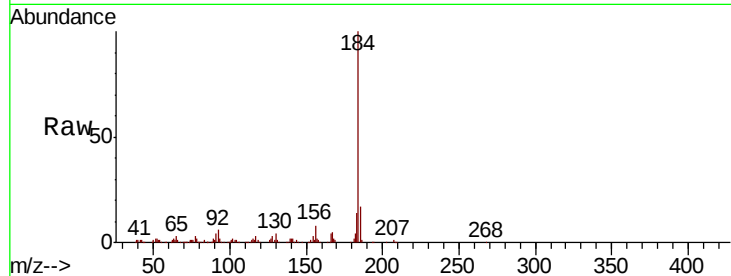
ClientSampleId :

PB116997BS

Tot Ion:	184	Resp:	189075
Ion Ratio	Lower	Upper	
184	100		
185	16.6	12.2	18.2
183	13.5	10.6	15.8

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#78

Pyrene

Concen: 34.569 ng

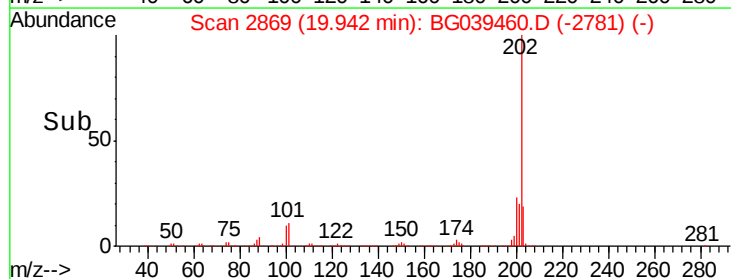
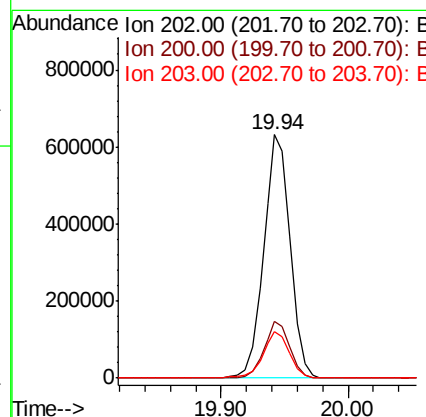
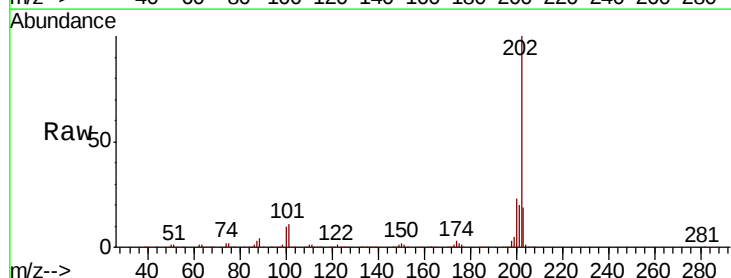
RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:	202	Resp:	910253
Ion Ratio	Lower	Upper	
202	100		
200	23.4	17.8	26.8
203	18.9	15.3	22.9





#79

Terphenyl-d14

Concen: 65.553 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

ClientSampleId :

PB116997BS

Tot Ion:244 Resp: 1309953

Ion Ratio Lower Upper

244 100

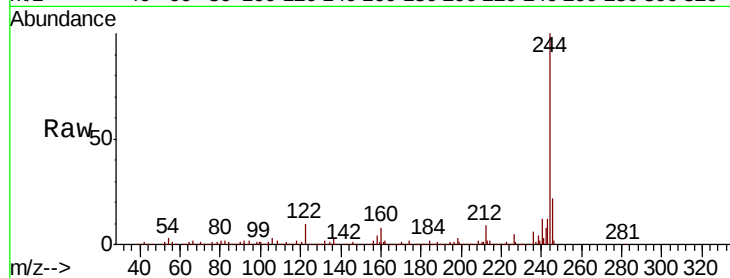
212 8.8 7.3 10.9

122 10.1 8.4 12.6

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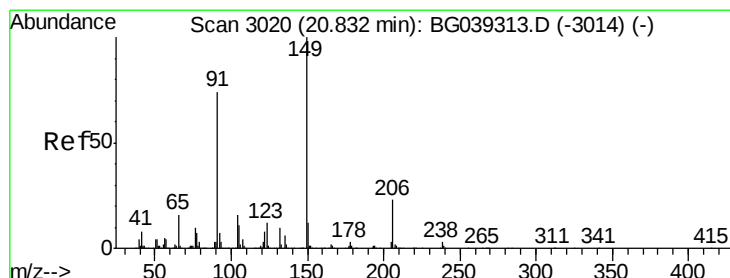
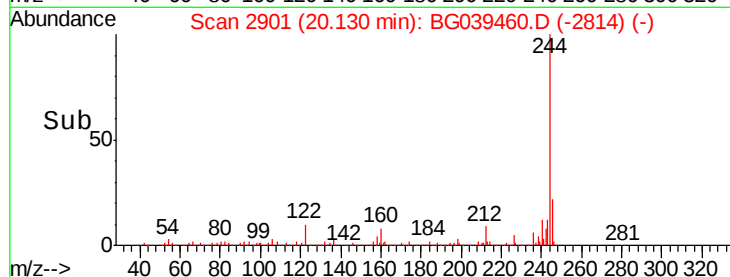
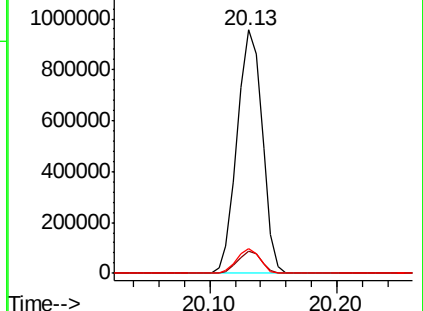
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.953 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

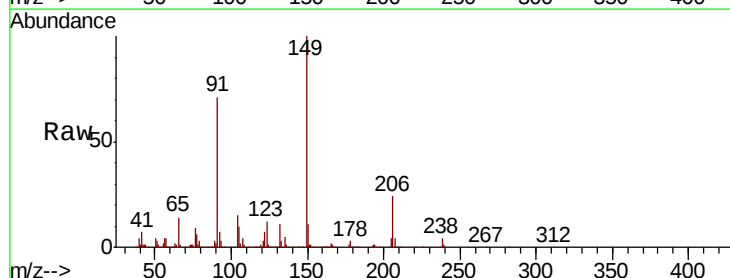
Tgt Ion:149 Resp: 366028

Ion Ratio Lower Upper

149 100

91 71.1 59.5 89.3

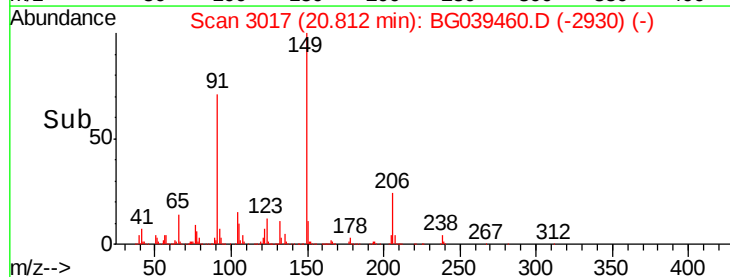
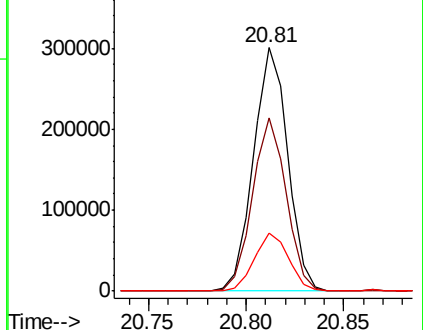
206 23.8 18.6 27.8

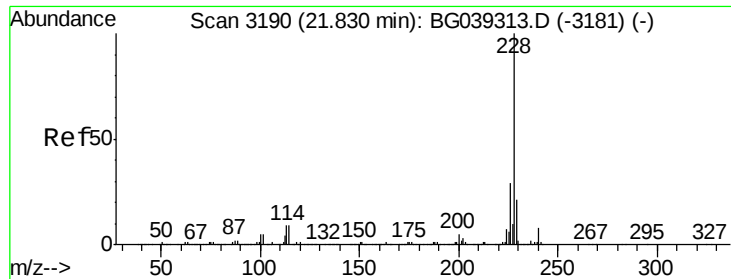


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





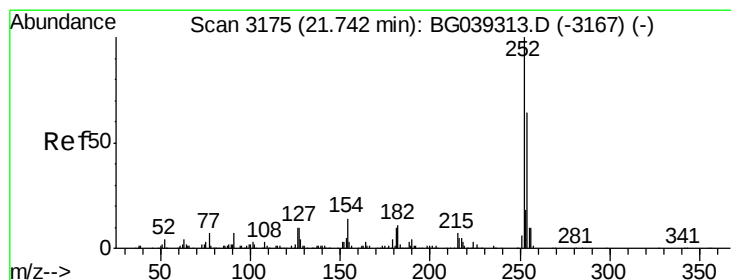
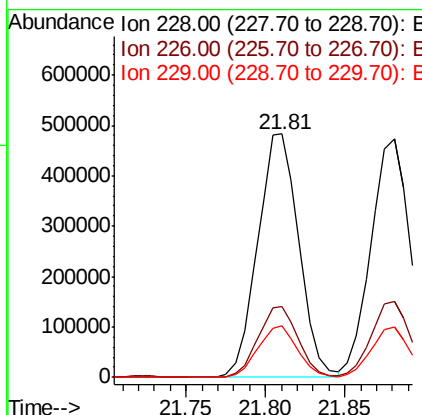
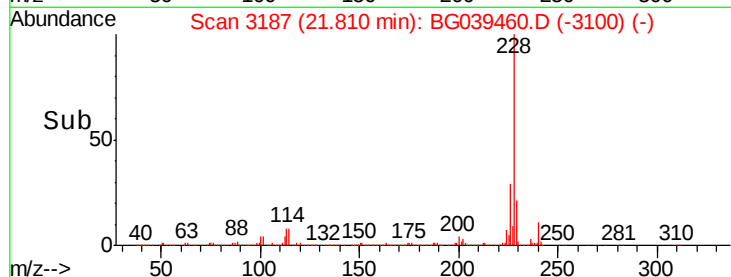
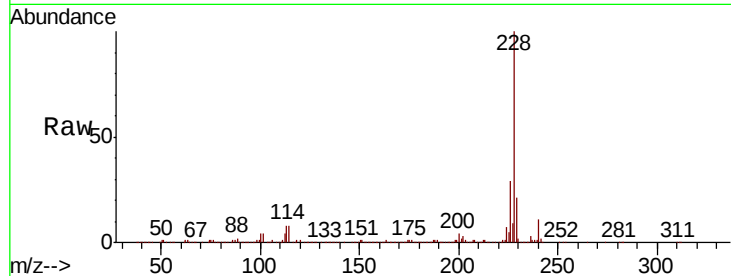
#81
Benzo(a)anthracene
Concen: 34.719 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.1	16.9	25.3

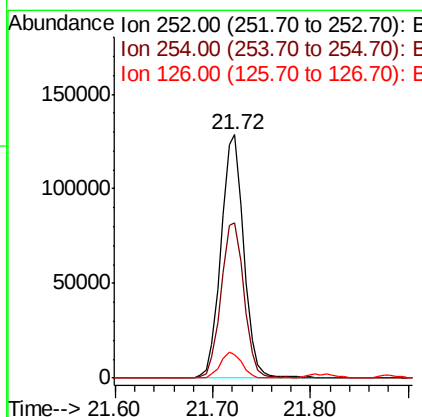
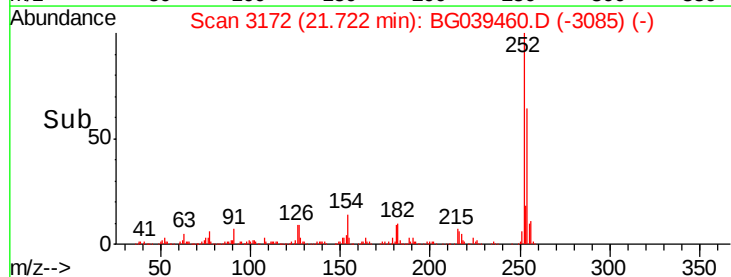
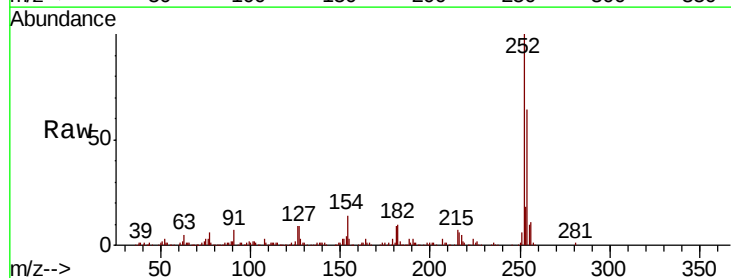
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#82
3,3'-Dichlorobenzidine
Concen: 22.372 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.3	76.9
126	9.4	8.0	12.0





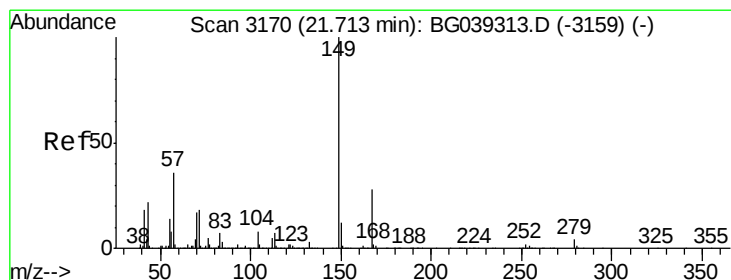
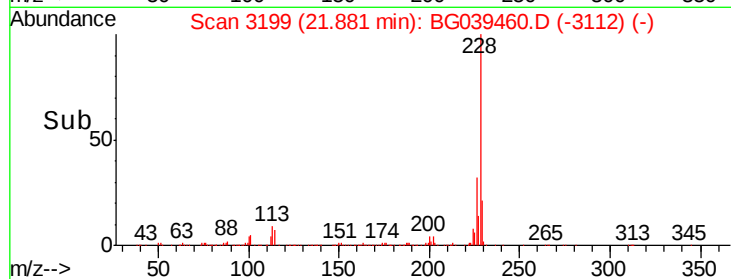
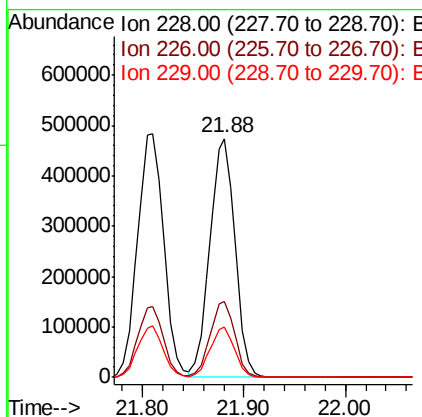
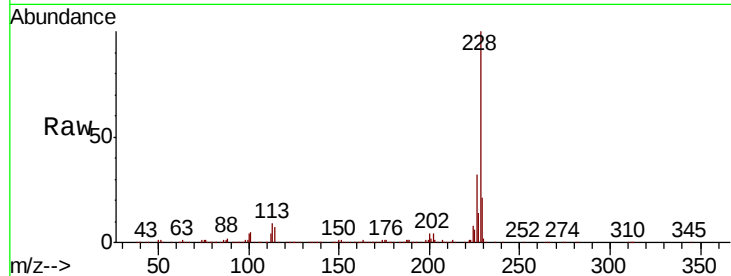
#83
 Chrysene
 Concen: 34.083 ng
 RT: 21.88 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116997BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.6
229	20.9	16.6	25.0

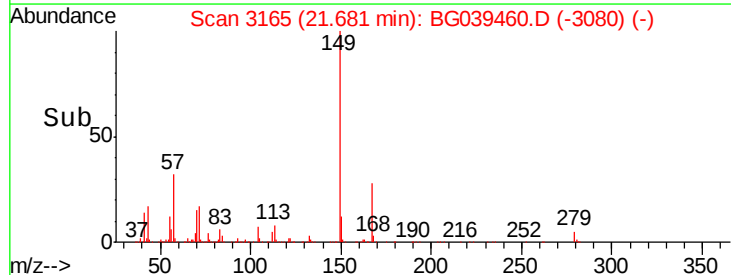
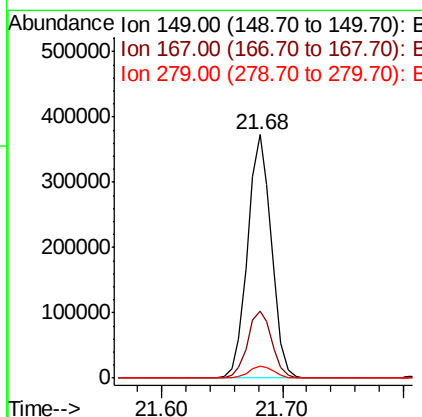
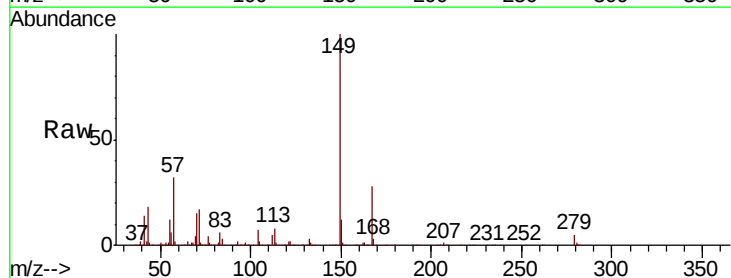
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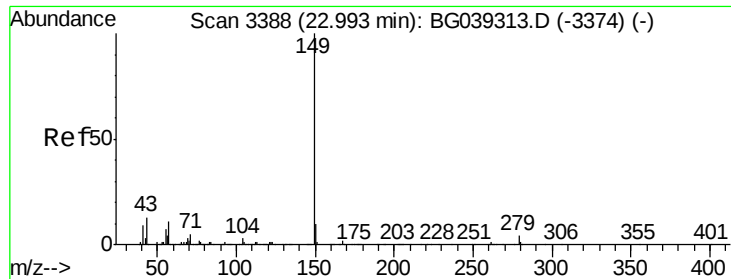
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 32.329 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.03 min
 Lab File: BG039460.D
 Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.6	34.0
279	5.0	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 33.789 ng

RT: 22.94 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

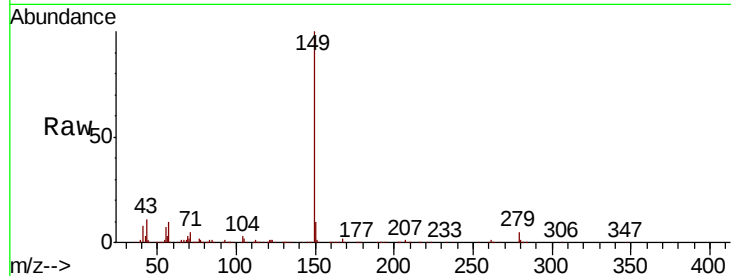
ClientSampleId :

PB116997BS

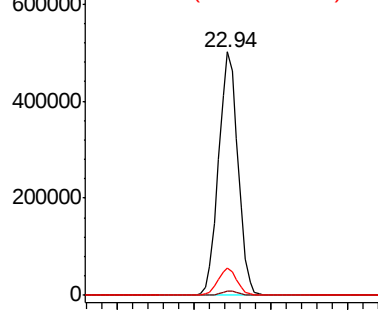
Tot Ion:	149	Resp:	884599
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.7	10.2	15.4

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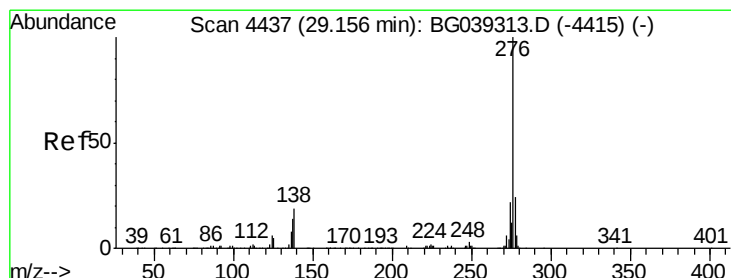
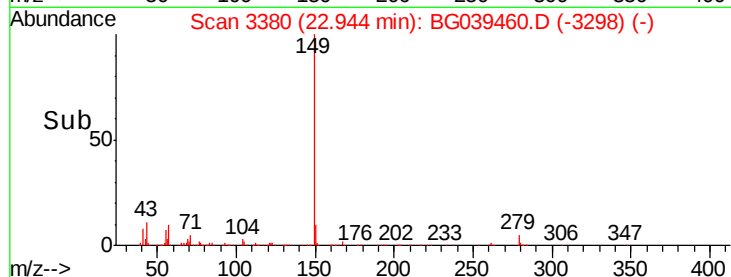
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.916 ng

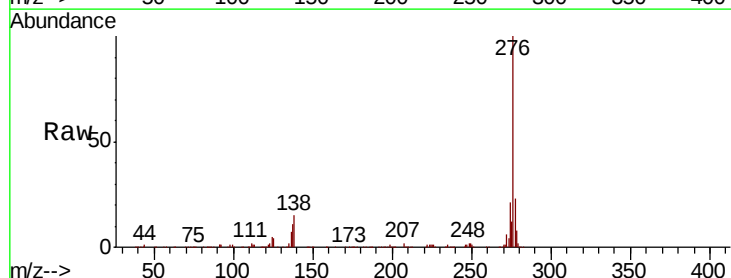
RT: 29.09 min Scan# 4427

Delta R.T. -0.06 min

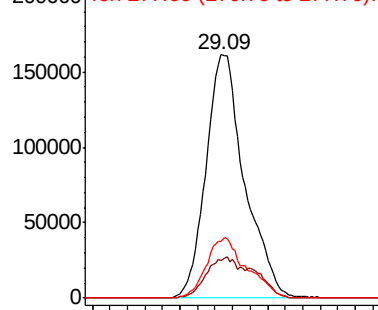
Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

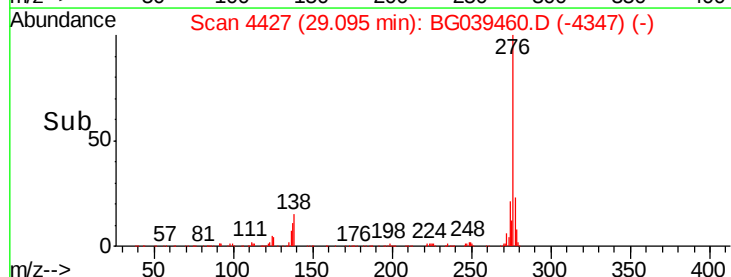
Tgt Ion:	276	Resp:	967878
Ion Ratio	Lower	Upper	
276	100		
138	14.7	12.6	19.0
277	25.8	20.8	31.2



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-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Instrument :

BNA_G

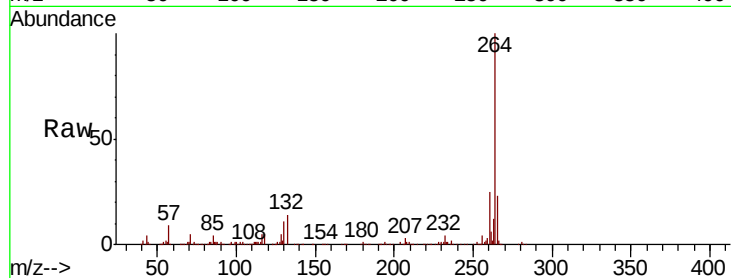
ClientSampleId :

PB116997BS

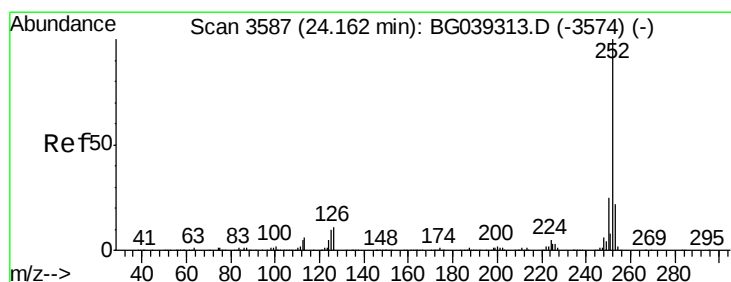
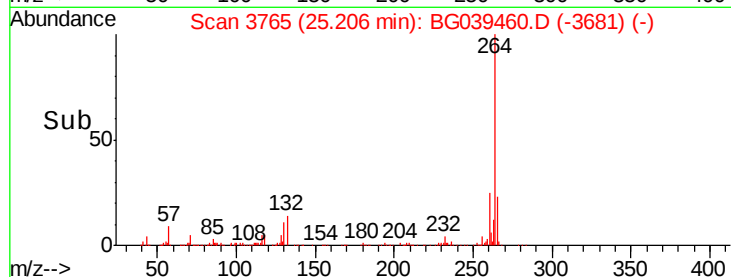
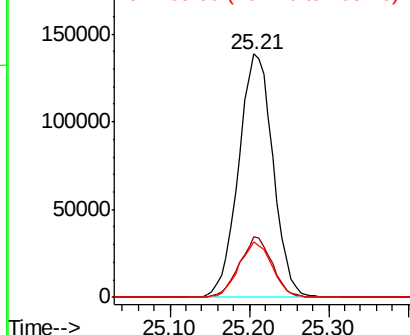
Tot Ion:	264	Resp:	417044
Ion Ratio	Lower	Upper	
264	100		
260	25.1	18.2	27.4
265	22.7	18.5	27.7

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



#88

Benzo(b)fluoranthene

Concen: 36.944 ng

RT: 24.12 min Scan# 3581

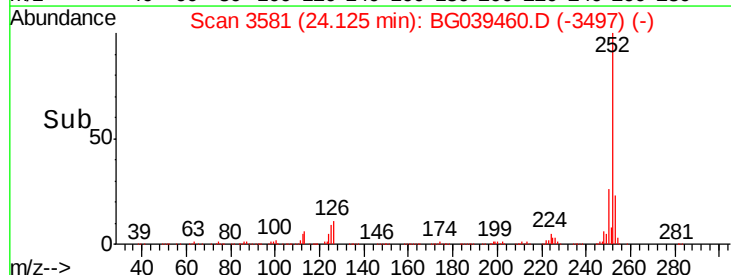
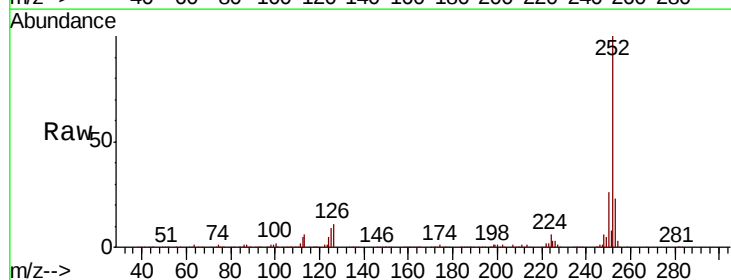
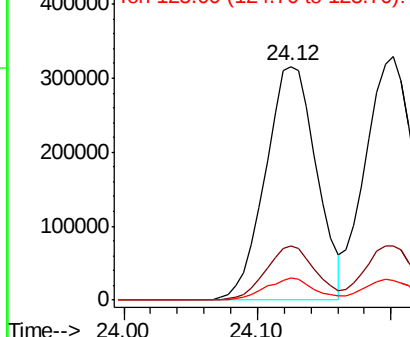
Delta R.T. -0.04 min

Lab File: BG039460.D

Acq: 12 Feb 2019 12:33

Tgt Ion:	252	Resp:	840247
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	9.4	7.8	11.6

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





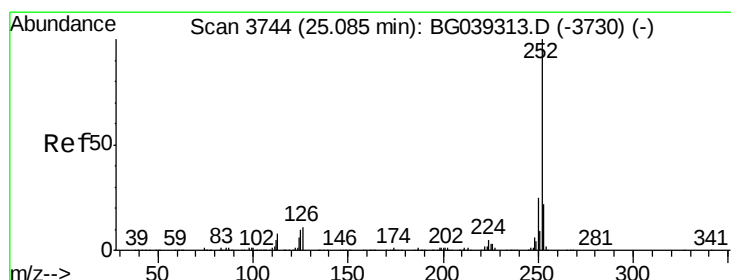
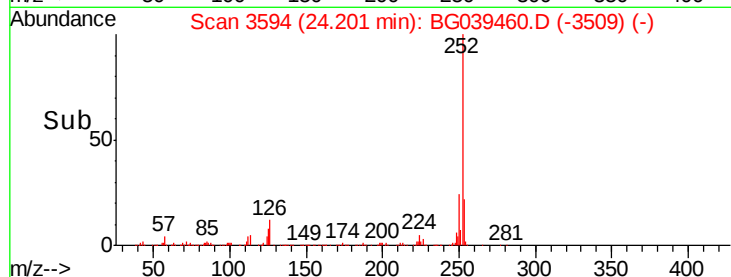
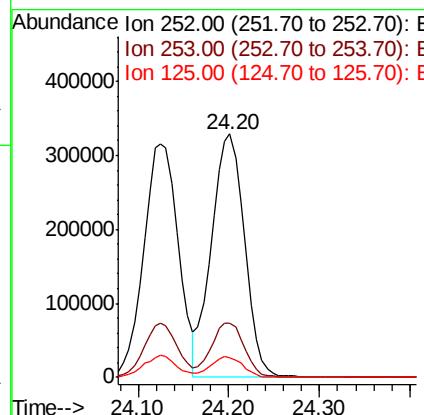
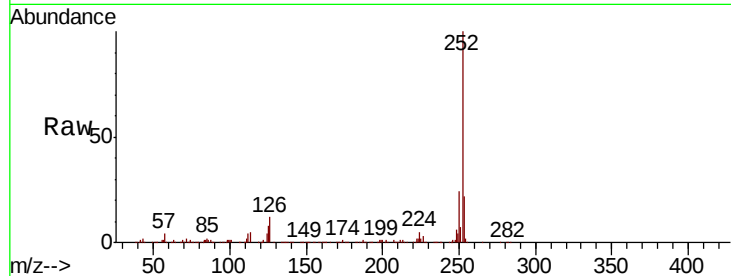
#89
Benzo(k)fluoranthene
Concen: 36.443 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.3	7.4	11.2

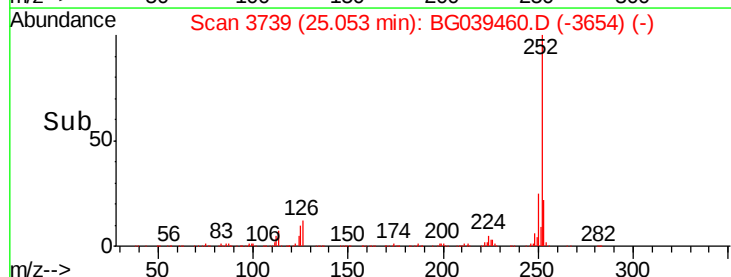
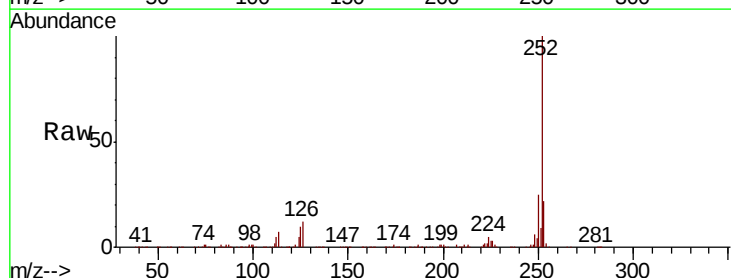
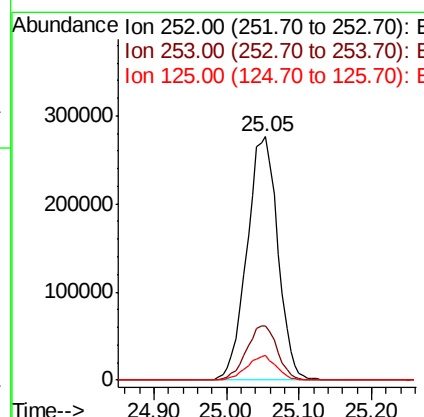
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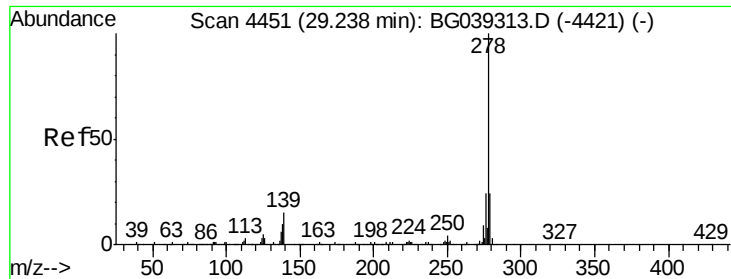
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#90
Benzo(a)pyrene
Concen: 37.262 ng
RT: 25.05 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.9	8.3	12.5





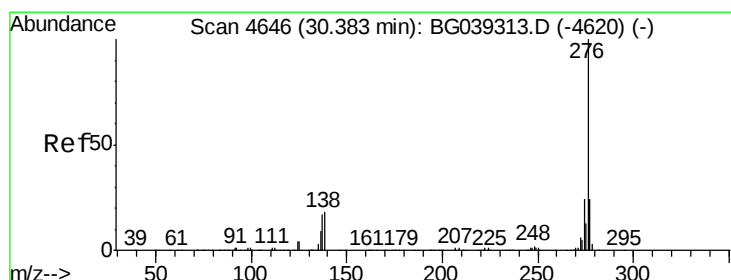
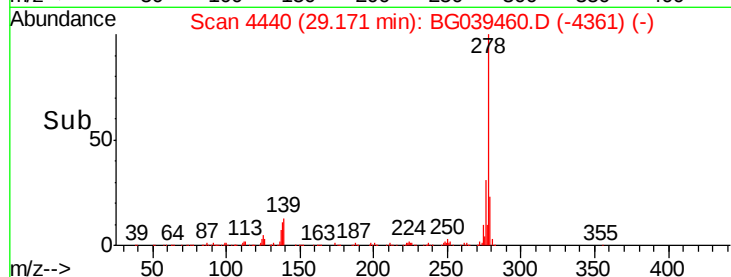
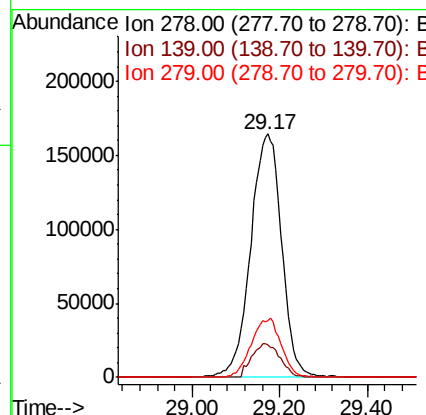
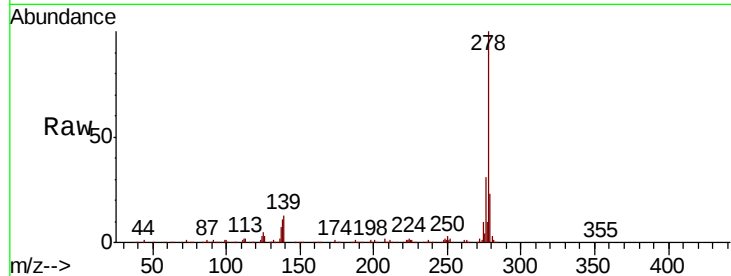
#91
Dibenzo(a,h)anthracene
Concen: 38.375 ng
RT: 29.17 min Scan# 4440
Delta R.T. -0.07 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Instrument :
BNA_G
ClientSampleId :
PB116997BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.7	17.5
279	23.3	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.128 ng
RT: 30.32 min Scan# 4636
Delta R.T. -0.06 min
Lab File: BG039460.D
Acq: 12 Feb 2019 12:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	16.5	14.7	22.1

