

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039395.D
 Acq On : 7 Feb 2019 23:34
 Operator : JU/SJ
 Sample : PB116922BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116922BS

Manual Integrations
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 2/11/2019 5:04:21 PM

Quant Time: Feb 09 00:22:07 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	8.18	152	51224	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	223633	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	144646	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	352390	20.00	ng	0.00
76) Chrysene-d12	21.84	240	378416	20.00	ng	0.00
87) Perylene-d12	25.22	264	390311	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	480090	160.41	ng	0.00
7) Phenol-d6	7.32	99	675809	153.40	ng	0.00
23) Nitrobenzene-d5	9.36	82	319935	89.37	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	253244	162.59	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	793591	78.71	ng	0.00
79) Terphenyl-d14	20.14	244	1407784	78.75	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	46998	35.899	ng	95
3) Pyridine	4.00	79	127599	36.812	ng	95
4) n-Nitrosodimethylamine	3.92	42	70198	40.496	ng	97
6) Aniline	7.50	93	164061	29.731	ng	95
8) 2-Chlorophenol	7.73	128	150819	46.100	ng	97
9) Benzaldehyde	7.32	77	76611	33.139	ng	92
10) Phenol	7.35	94	205957	44.848	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	145381	40.063	ng	98
12) 1,3-Dichlorobenzene	8.06	146	158131	39.900	ng	95
13) 1,4-Dichlorobenzene	8.21	146	159353	40.340	ng	99
14) 1,2-Dichlorobenzene	8.53	146	153390	40.111	ng	99
15) Benzyl Alcohol	8.42	79	144386	41.746	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.70	45	291779	35.605	ng	99
17) 2-Methylphenol	8.60	107	133042	44.767	ng	99
18) Hexachloroethane	9.26	117	56013	41.215	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	115955	37.084	ng	95
20) 3+4-Methylphenols	8.93	107	184549	45.095	ng	97
22) Acetophenone	9.00	105	224435	37.361	ng	96
24) Nitrobenzene	9.40	77	172303	44.554	ng	99
25) Isophorone	9.91	82	324332	40.885	ng	97
26) 2-Nitrophenol	10.11	139	78830	51.023	ng	97
27) 2,4-Dimethylphenol	10.14	122	158023	49.244	ng	97
28) bis(2-Chloroethoxy)methane	10.40	93	203007	41.548	ng	97
29) 2,4-Dichlorophenol	10.63	162	162013	46.195	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	164032	41.659	ng	97
31) Naphthalene	11.05	128	473960	42.721	ng	99
32) Benzoic acid	10.27	122	94144	45.403	ng	95
33) 4-Chloroaniline	11.16	127	93856	18.245	ng	99
34) Hexachlorobutadiene	11.31	225	105942	40.458	ng	96
35) Caprolactam	11.94	113	54549m	37.586	ng	
36) 4-Chloro-3-methylphenol	12.25	107	170425	42.017	ng	97
37) 2-Methylnaphthalene	12.64	142	355669	43.284	ng	97
38) 1-Methylnaphthalene	12.86	142	336645	42.501	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	192698	41.871	ng	99

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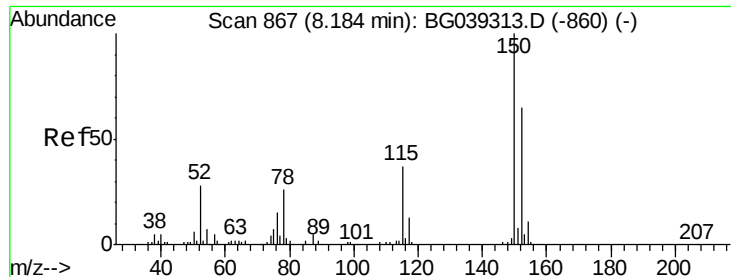
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	261529	104.285	nq	100
43) 2,4,6-Trichlorophenol	13.23	196	132278	46.747	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	140754	47.460	nq	98
46) 1,1'-Biphenyl	13.64	154	479011	39.802	nq	99
47) 2-Chloronaphthalene	13.69	162	363339	40.132	nq	98
48) 2-Nitroaniline	13.89	65	115966	45.179	nq	92
49) Acenaphthylene	14.53	152	584725	42.802	nq	99
50) Dimethylphthalate	14.25	163	471146	40.330	nq	100
51) 2,6-Dinitrotoluene	14.38	165	104644	47.938	nq	96
52) Acenaphthene	14.87	154	357917	40.362	nq	98
53) 3-Nitroaniline	14.71	138	72941	33.018	nq	# 97
54) 2,4-Dinitrophenol	14.91	184	74177	77.841	nq	91
55) Dibenzofuran	15.20	168	573317	40.324	nq	99
56) 4-Nitrophenol	15.00	139	188841	88.722	nq	92
57) 2,4-Dinitrotoluene	15.16	165	143688	50.826	nq	90
58) Fluorene	15.84	166	454894	42.919	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	141860m	51.086	nq	
60) Diethylphthalate	15.60	149	473497	39.202	nq	98
61) 4-Chlorophenyl-phenylether	15.83	204	244840	40.797	nq	94
62) 4-Nitroaniline	15.87	138	112661	46.165	nq	95
63) Azobenzene	16.12	77	437875	37.090	nq	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	68735	49.067	nq	98
66) n-Nitrosodiphenylamine	16.05	169	417155	38.932	nq	99
67) 4-Bromophenyl-phenylether	16.73	248	158312	40.495	nq	93
68) Hexachlorobenzene	16.83	284	161318	41.129	nq	98
69) Atrazine	16.99	200	167068	42.666	nq	99
70) Pentachlorophenol	17.18	266	207085	75.965	nq	96
71) Phenanthrene	17.59	178	771747	42.314	nq	99
72) Anthracene	17.68	178	777783	43.294	nq	99
73) Carbazole	17.95	167	693406	38.675	nq	98
74) Di-n-butylphthalate	18.49	149	842071	40.259	nq	100
75) Fluoranthene	19.59	202	948489	44.805	nq	99
77) Benzidine	19.77	184	370260	29.844	nq	99
78) Pyrene	19.95	202	956478	40.602	nq	98
80) Butylbenzylphthalate	20.82	149	399771	40.229	nq	95
81) Benzo(a)anthracene	21.82	228	956950	42.797	nq	99
82) 3,3'-Dichlorobenzidine	21.73	252	203279	24.518	nq	98
83) Chrysene	21.89	228	895128	42.053	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	565074	39.858	nq	# 98
85) Di-n-octyl phthalate	22.96	149	969546	41.395	nq	97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1079536	47.270	nq	99
88) Benzo(b)fluoranthene	24.14	252	948472	44.559	nq	98
89) Benzo(k)fluoranthene	24.21	252	892811	41.778	nq	100
90) Benzo(a)pyrene	25.06	252	917174	44.741	nq	98
91) Dibenzo(a,h)anthracene	29.19	278	870615	45.349	nq	99
92) Benzo(g,h,i)perylene	30.35	276	888970	46.457	nq	99

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



#1

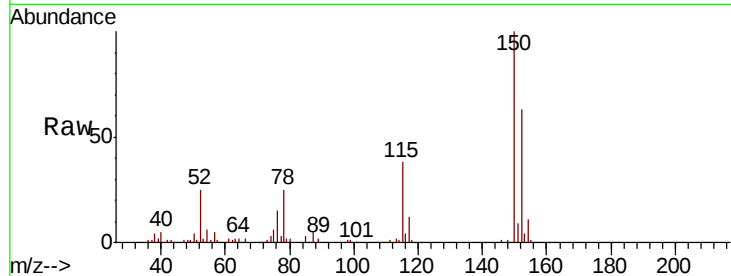
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.7	185.5
115	60.5	45.9	68.9

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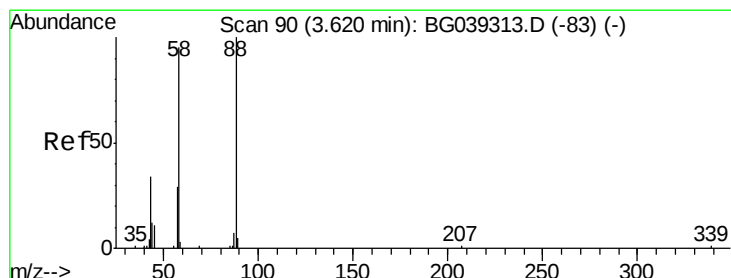
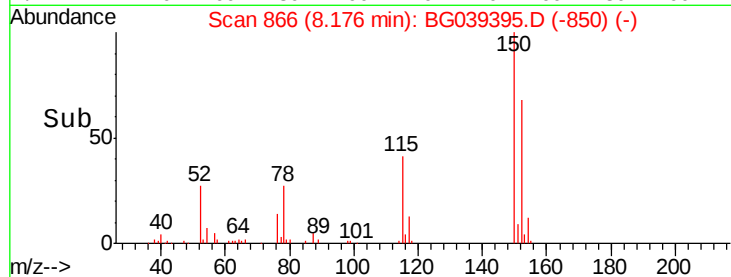
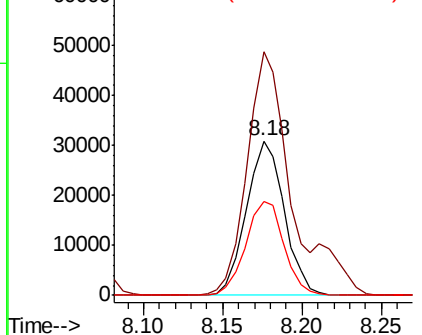


Abundance

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: 35.899 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

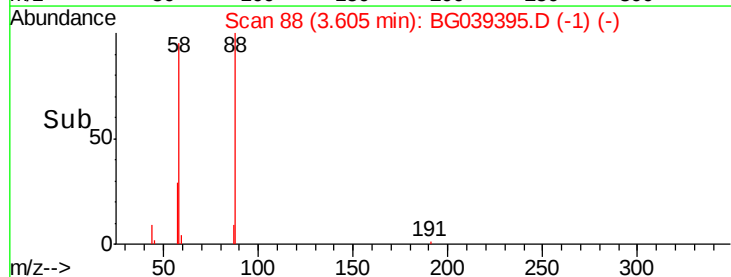
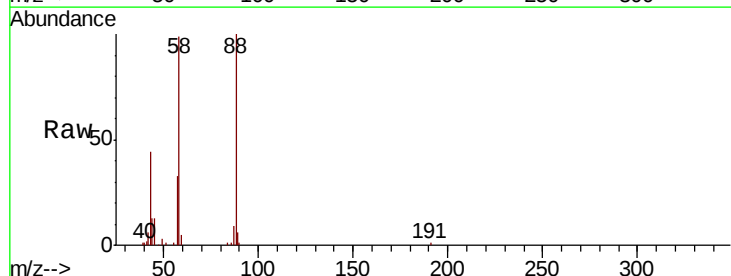
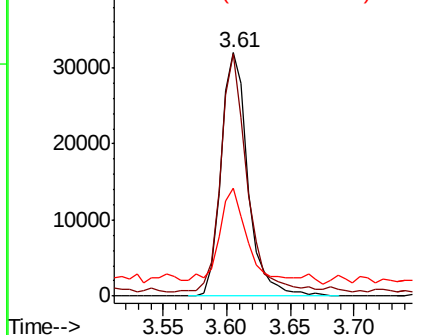
Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.5	81.1	121.7
43	39.8	31.4	47.0

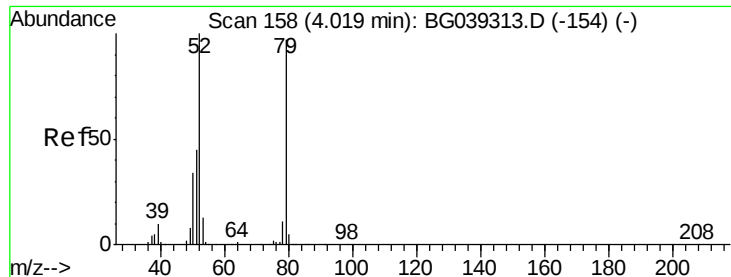
Abundance

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: 36.812 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

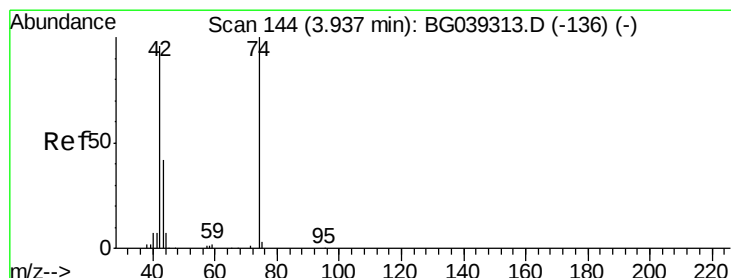
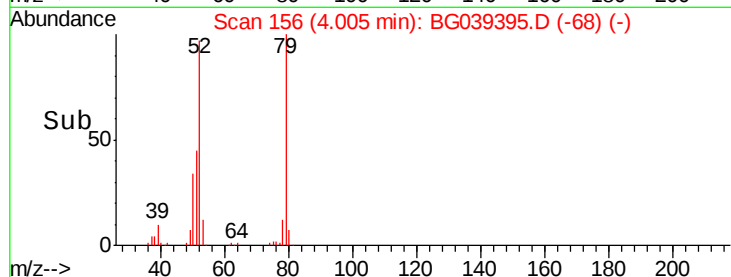
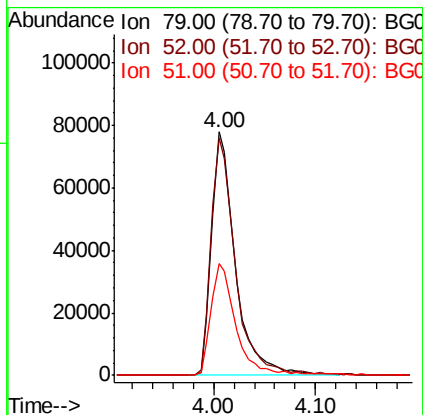
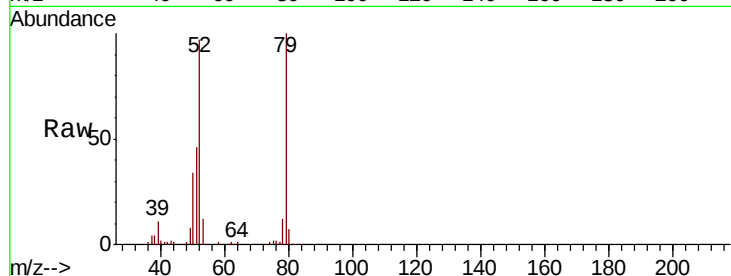
ClientSampleId :

PB116922BS

Tot Ion:	79	Resp:	127599
Ion Ratio	Lower	Upper	
79	100		
52	97.5	82.6	124.0
51	45.7	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 40.496 ng

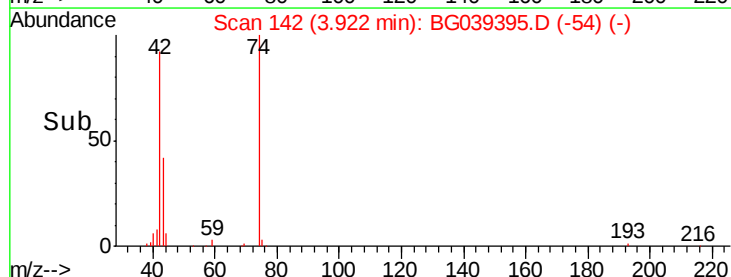
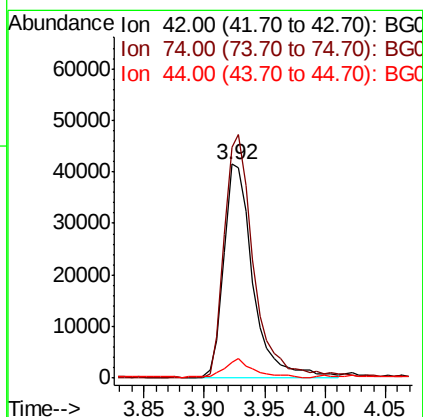
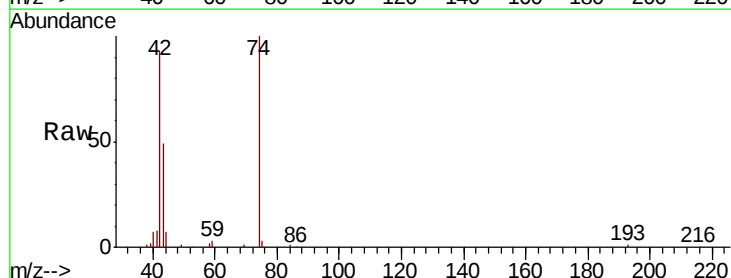
RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tgt Ion:	42	Resp:	70198
Ion Ratio	Lower	Upper	
42	100		
74	107.9	83.6	125.4
44	7.6	6.9	10.3





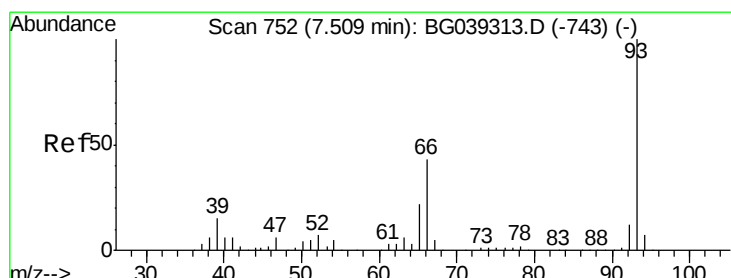
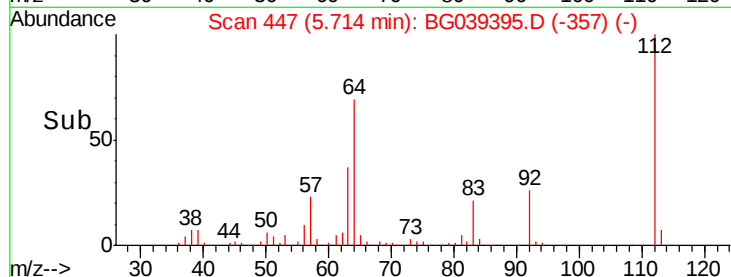
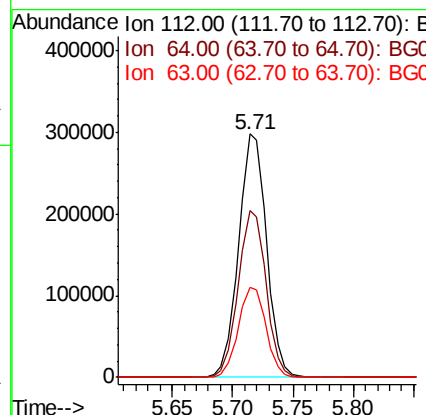
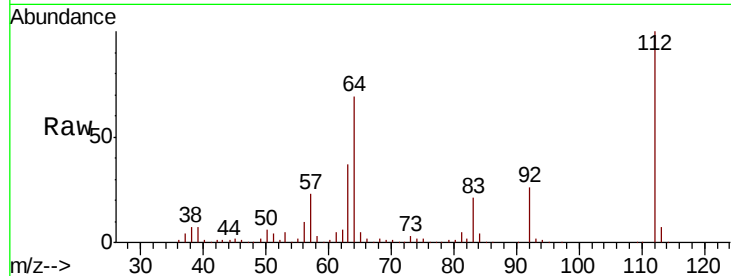
#5
2-Fluorophenol
Concen: 160.409 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	68.8	57.8	86.8
63	37.1	29.8	44.6

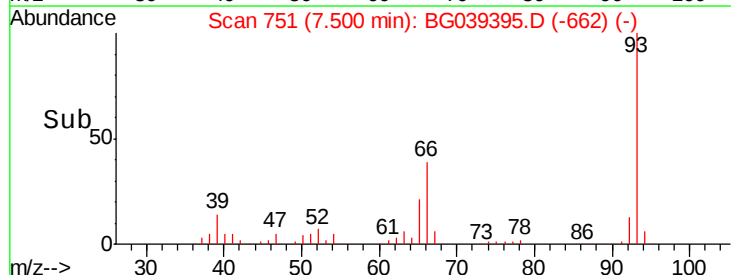
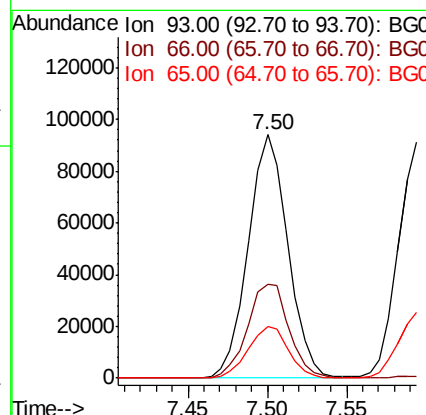
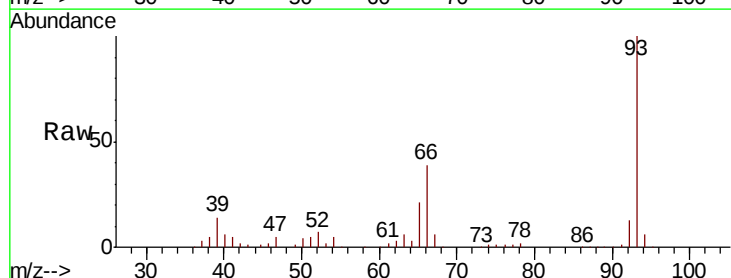
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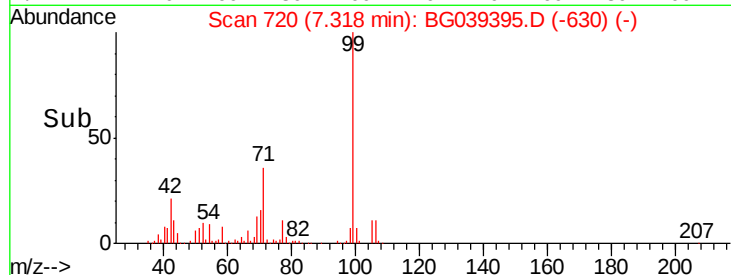
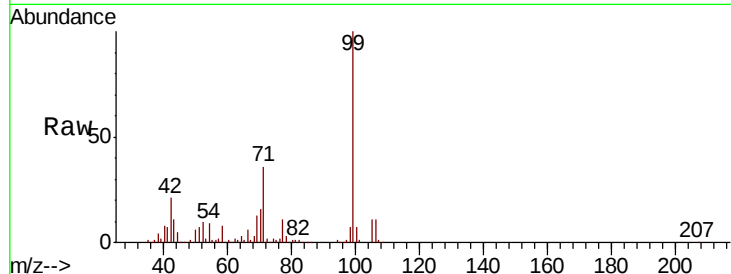
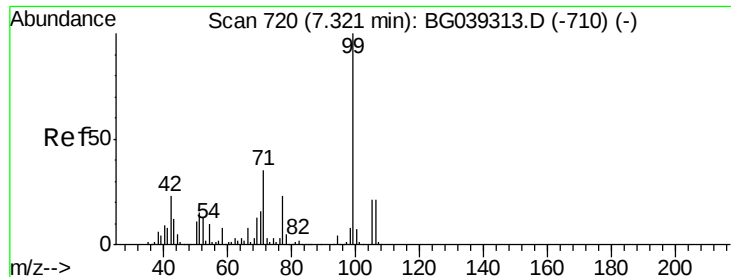
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#6
Aniline
Concen: 29.731 ng
RT: 7.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	38.5	34.2	51.4
65	21.2	17.7	26.5





#7

Phenol-d6

Concen: 153.402 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tot Ion:	99	Resp:	675809
Ion Ratio	Lower	Upper	
99	100		
42	21.5	18.2	27.2
71	36.5	28.0	42.0

Instrument :

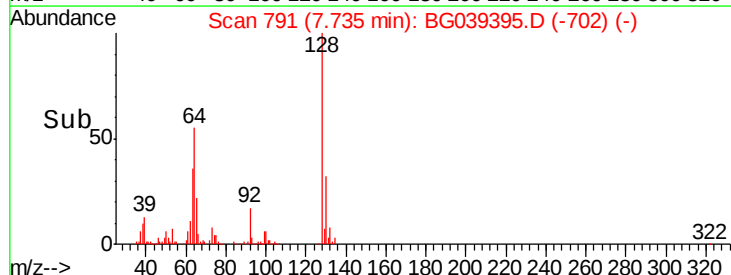
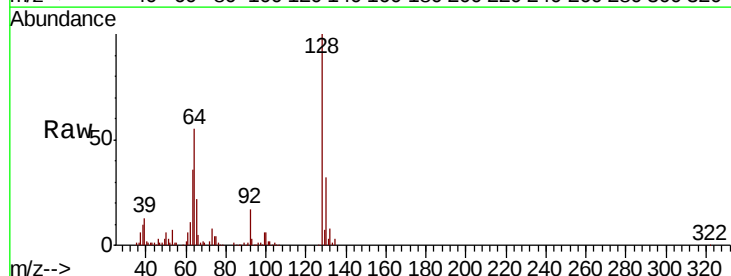
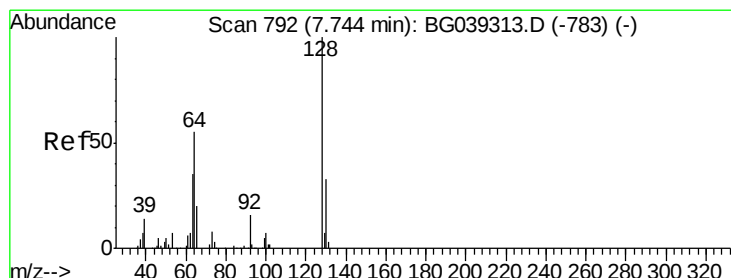
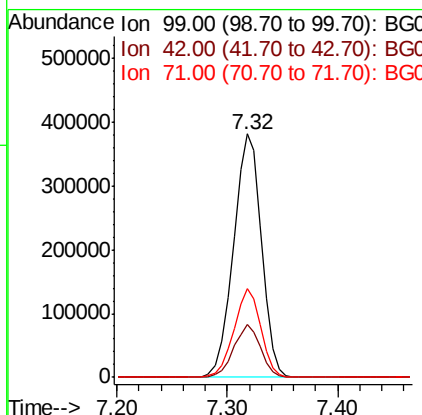
BNA_G

ClientSampled :

PB116922BS

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#8

2-Chlorophenol

Concen: 46.100 ng

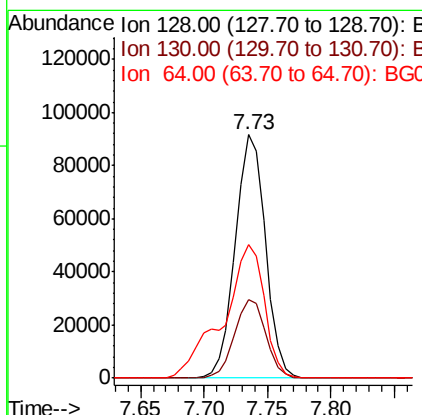
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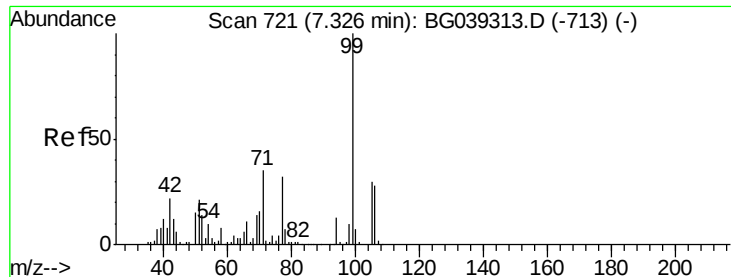
Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tgt Ion:	128	Resp:	150819
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.9	52.9
64	55.1	38.7	78.7





#9

Benzaldehyde

Concen: 33.139 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

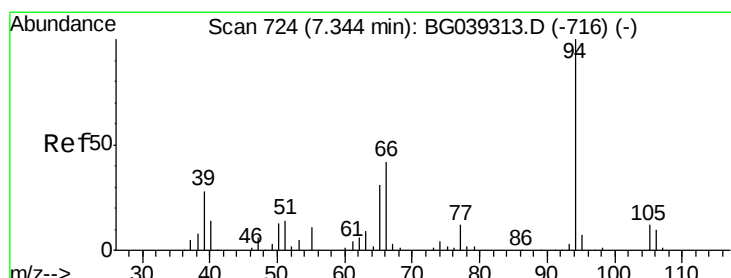
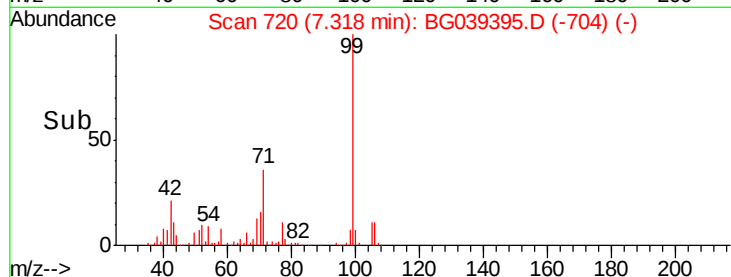
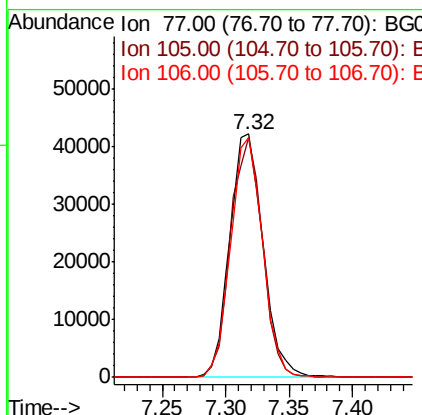
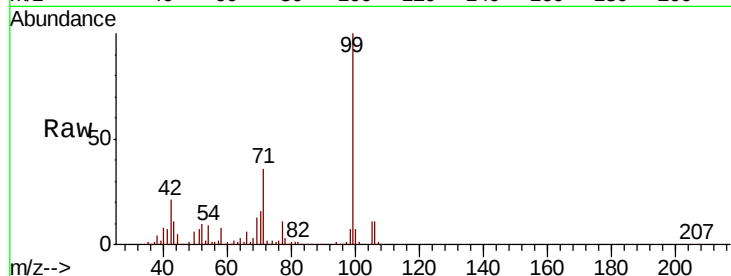
ClientSampleID :

PB116922BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.4	74.5	114.5
106	98.5	68.0	108.0

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#10

Phenol

Concen: 44.848 ng

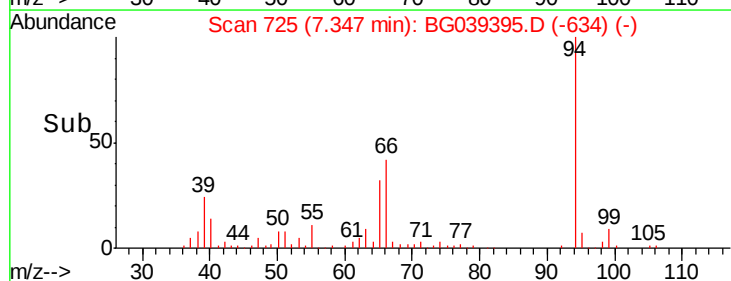
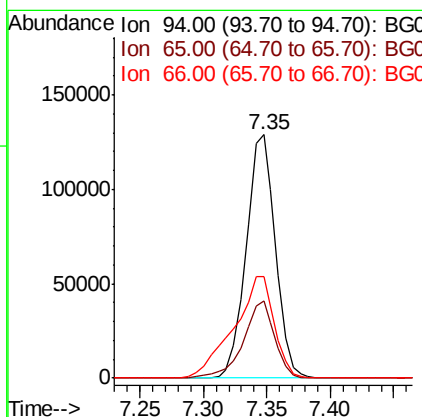
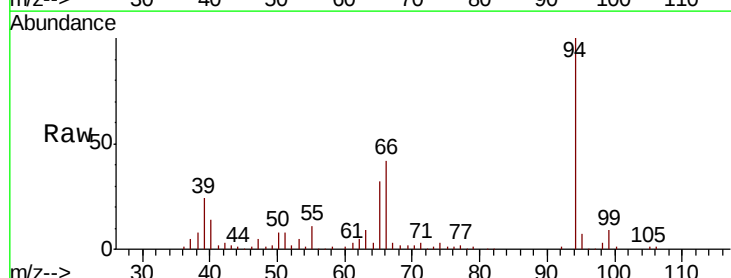
RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	11.7	51.7
66	41.8	23.7	63.7





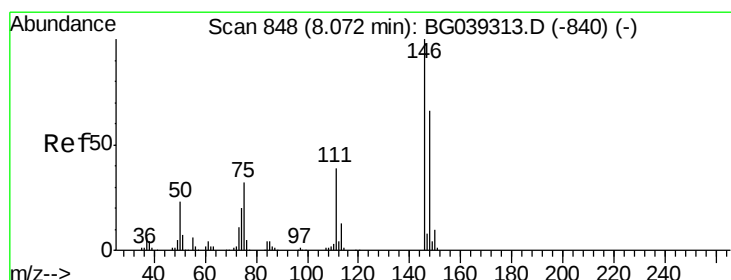
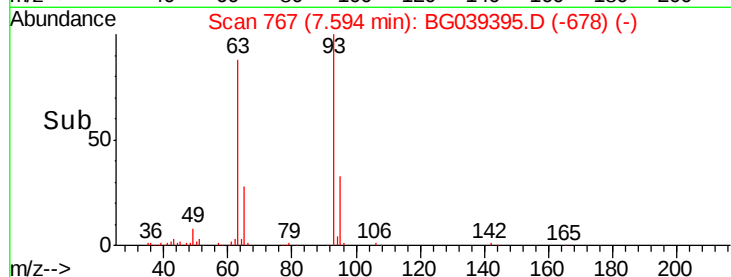
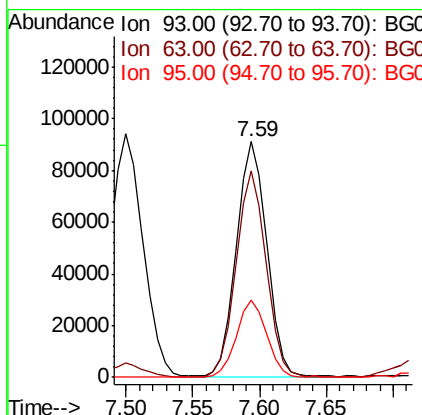
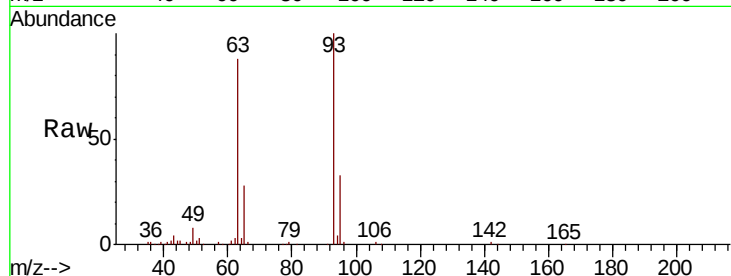
#11
bis(2-Chloroethyl)ether
Concen: 40.063 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	69.5	109.5
95	32.7	12.7	52.7

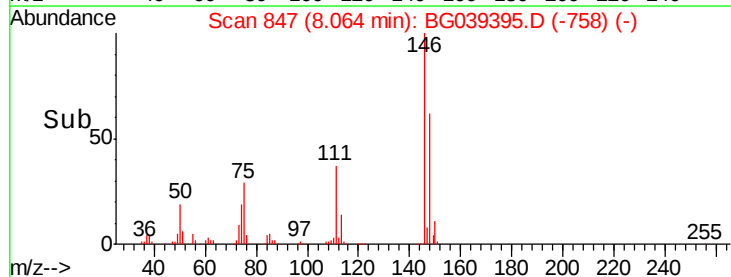
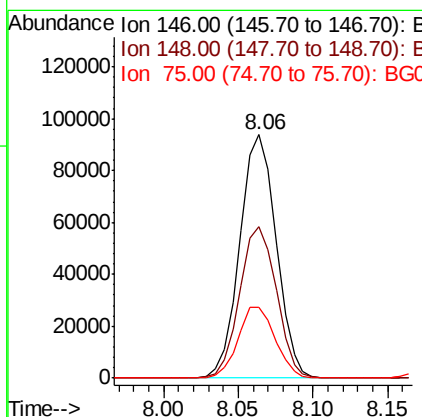
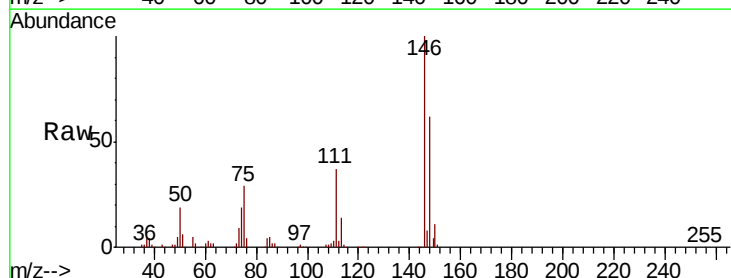
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#12
1,3-Dichlorobenzene
Concen: 39.900 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.6	79.0
75	29.0	25.8	38.6





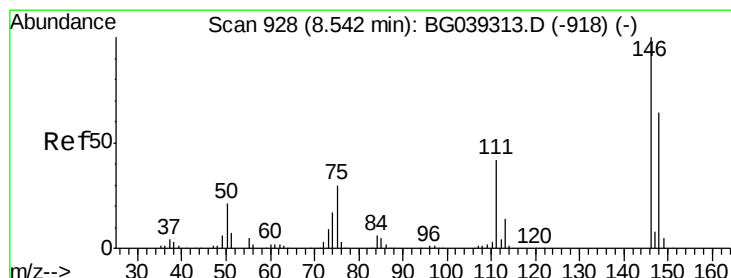
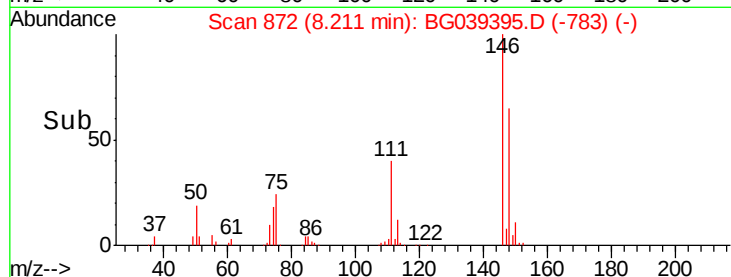
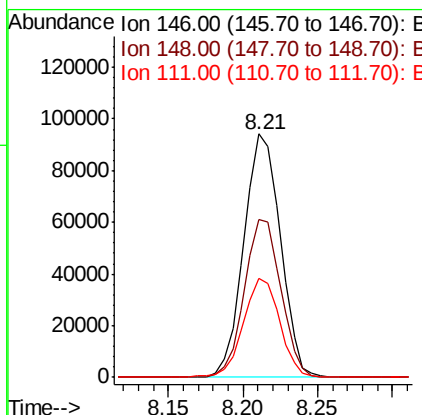
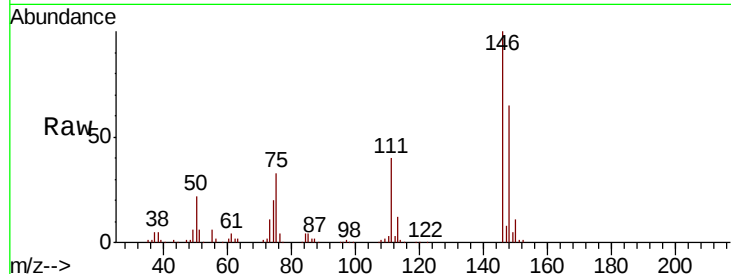
#13
1,4-Dichlorobenzene
Concen: 40.340 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	40.4	32.6	48.8

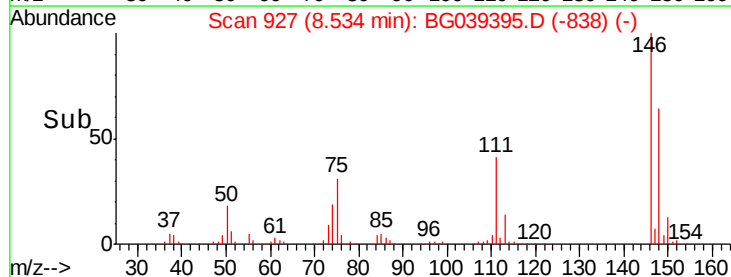
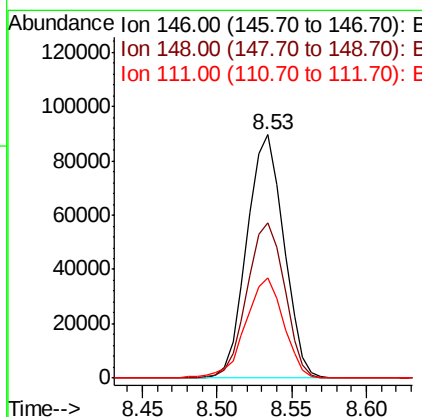
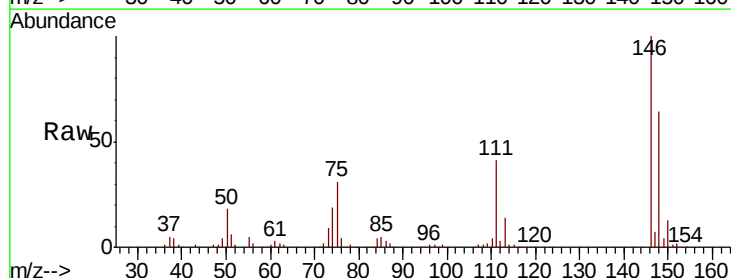
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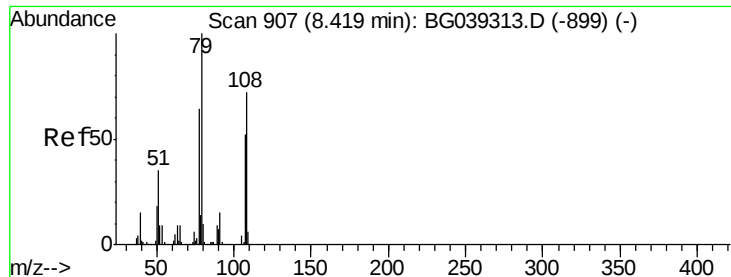
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#14
1,2-Dichlorobenzene
Concen: 40.111 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.5	77.3
111	41.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.746 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

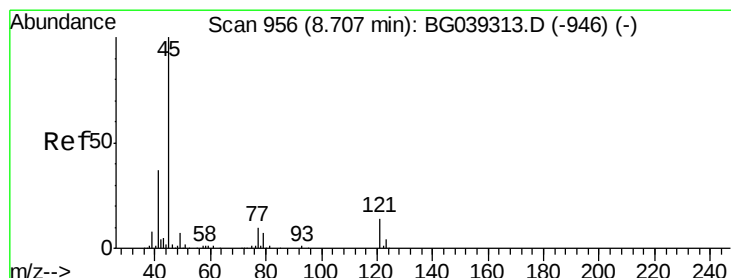
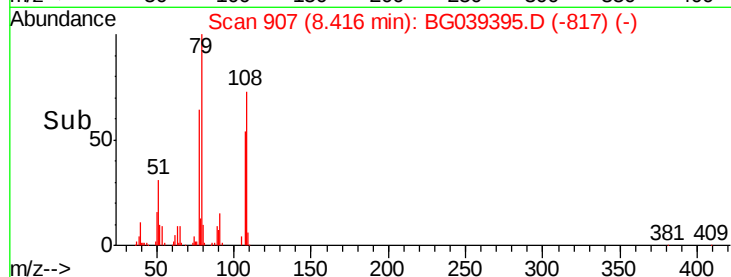
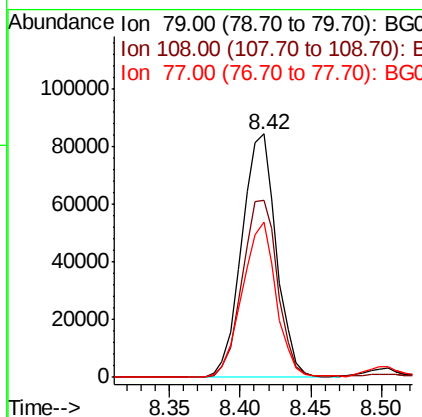
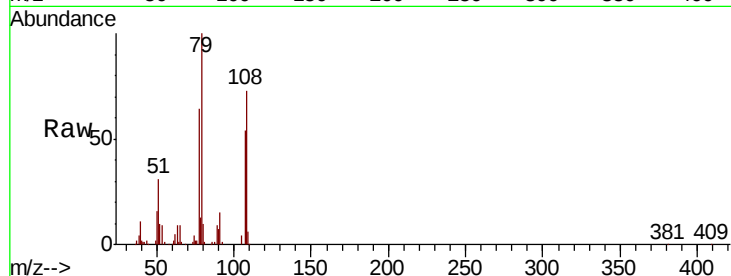
ClientSampleId :

PB116922BS

Tot Ion:	79	Resp:	144386
Ion Ratio	Lower	Upper	
79	100		
108	72.6	57.8	86.6
77	64.0	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.605 ng

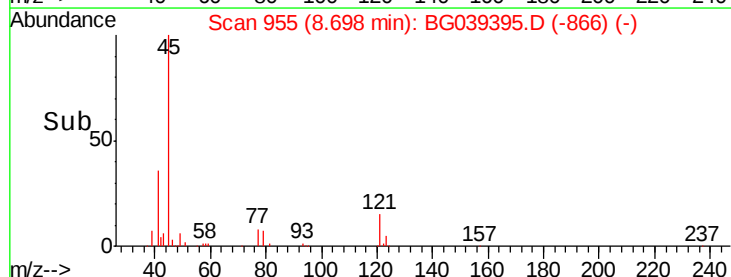
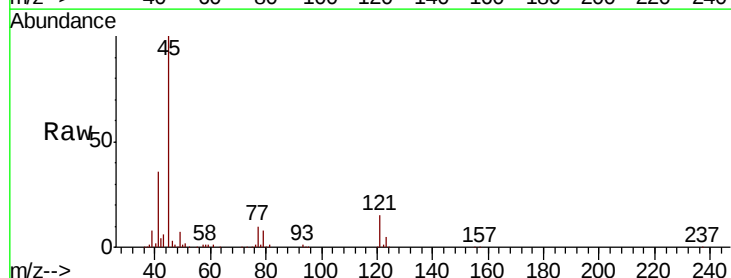
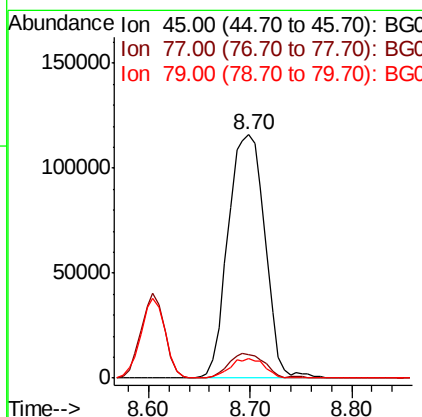
RT: 8.70 min Scan# 956

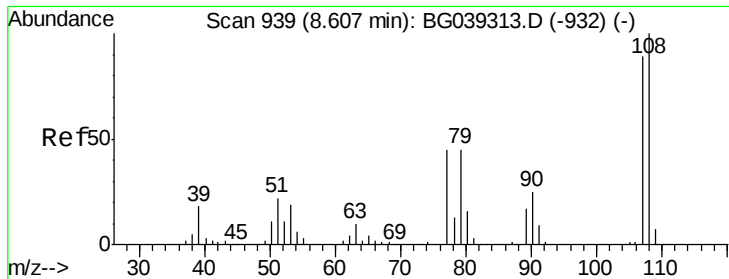
Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tgt Ion:	45	Resp:	291779
Ion Ratio	Lower	Upper	
45	100		
77	9.5	0.0	30.0
79	7.8	0.0	27.5





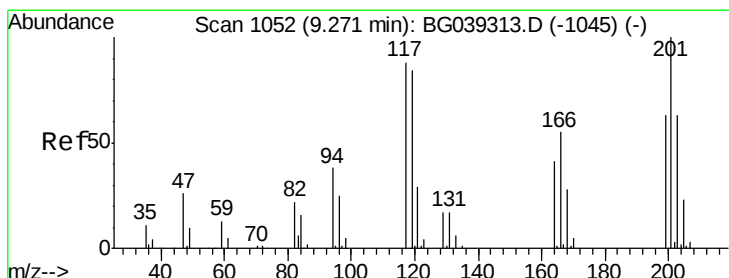
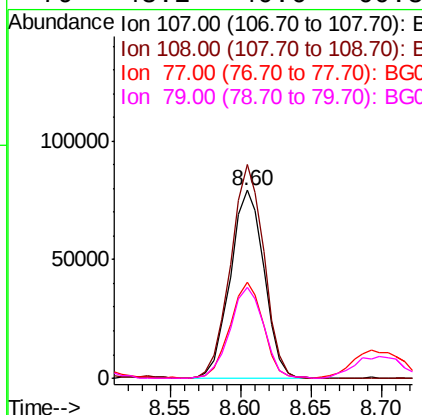
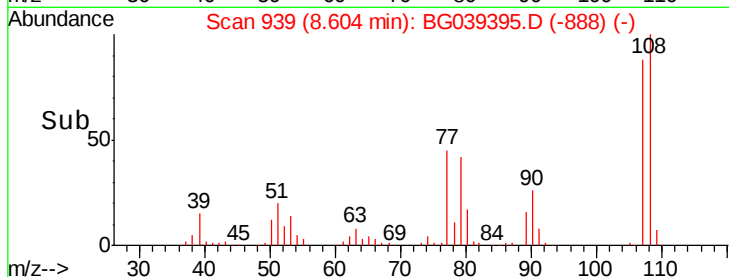
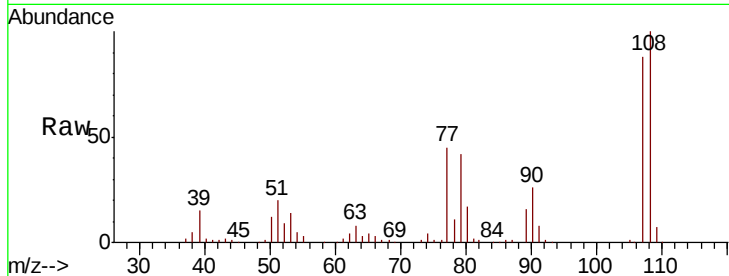
#17
2-Methylphenol
Concen: 44.767 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampled :
PB116922BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	90.8	136.2	
77	50.9	40.7	61.1	
79	48.2	40.6	60.8	

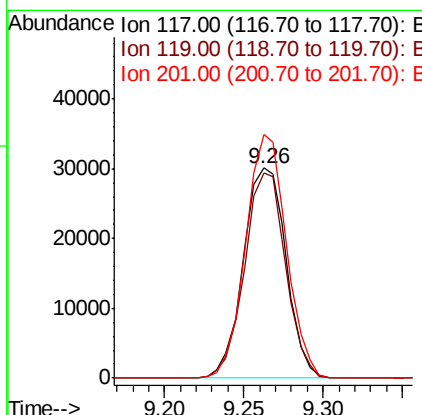
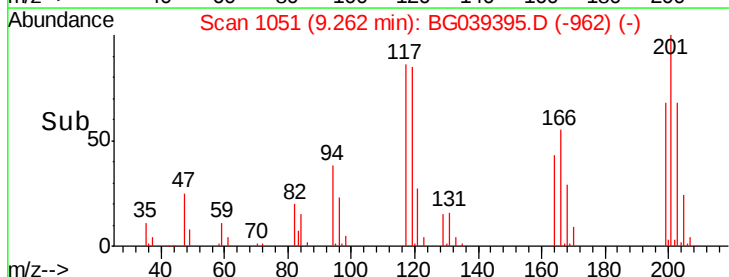
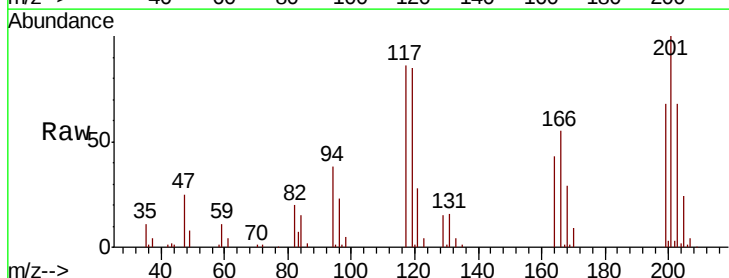
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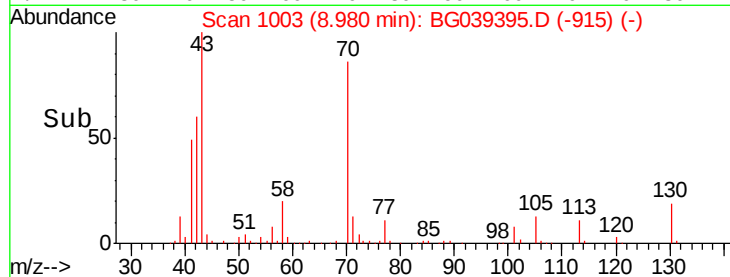
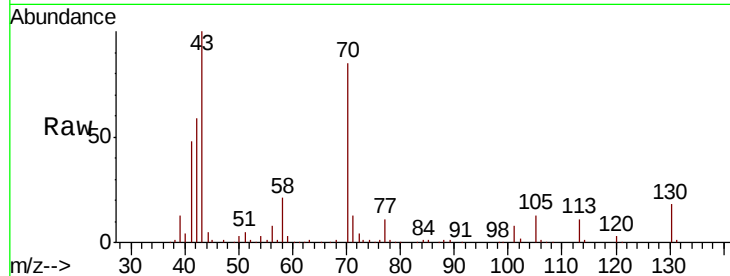
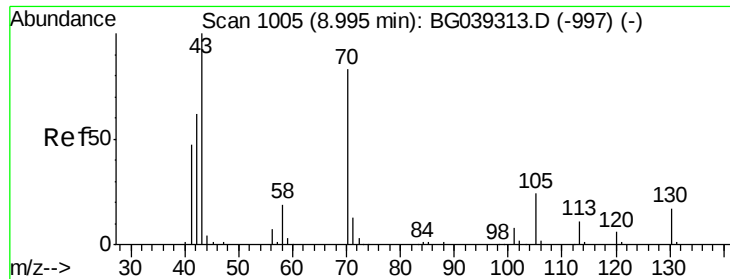
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#18
Hexachloroethane
Concen: 41.215 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	76.3	114.5	
201	115.9	91.1	136.7	





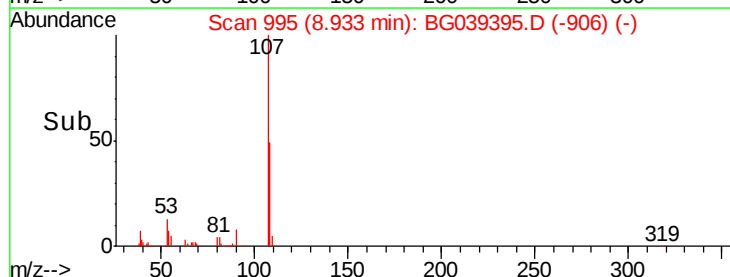
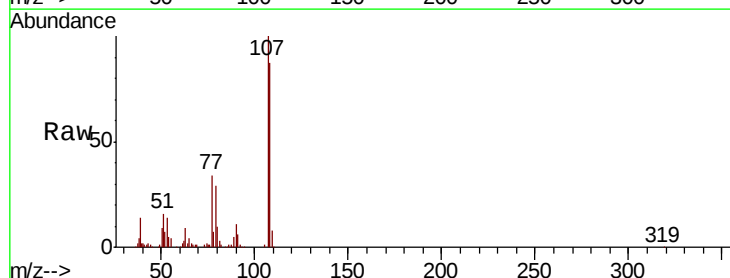
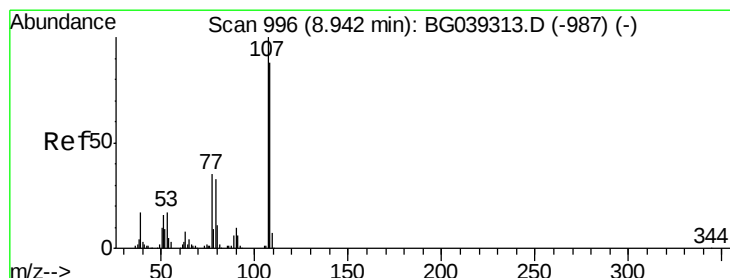
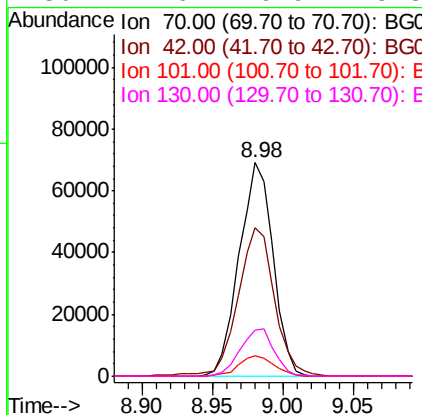
#19
n-Nitroso-di-n-propylamine
Concen: 37.084 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	69.4	60.4	90.6		
101	9.6	7.5	11.3		
130	21.6	16.9	25.3		

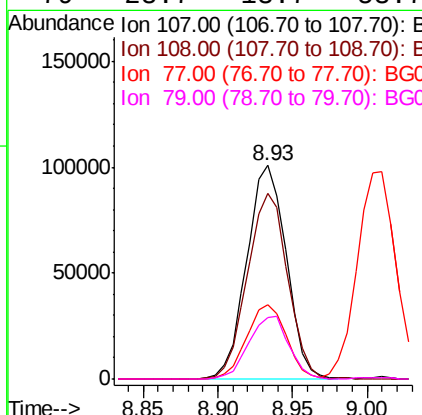
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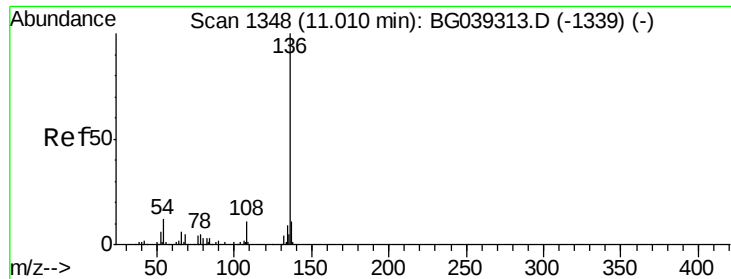
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#20
3+4-Methylphenols
Concen: 45.095 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.8	67.9	107.9		
77	34.5	15.4	55.4		
79	28.7	13.7	53.7		





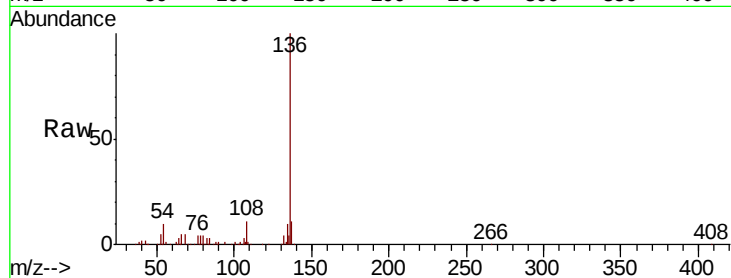
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	10.2	9.4	14.2	
68	5.2	4.2	6.4	

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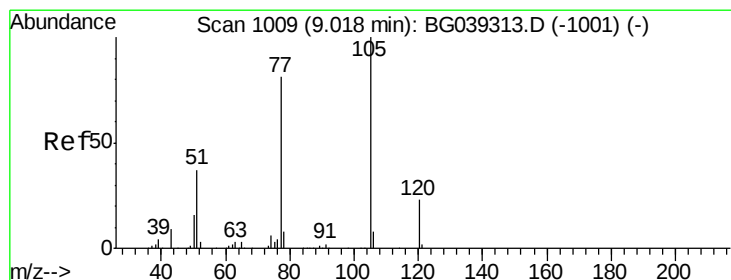
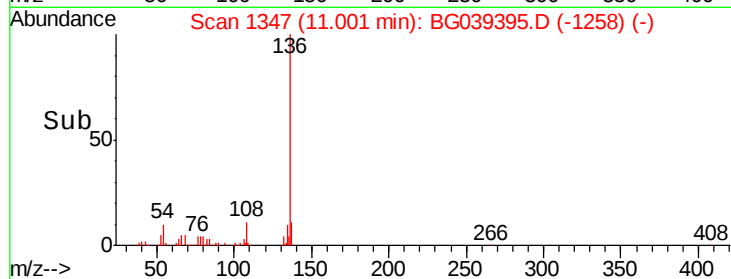
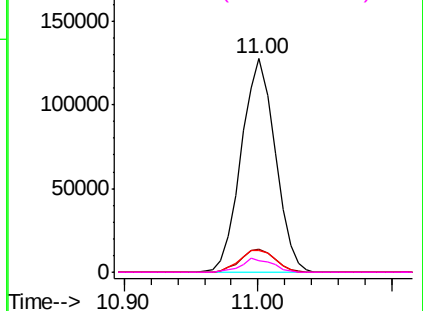
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.361 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.9	0.8	1.2	
51	34.0	30.2	45.2	
120	22.9	18.0	27.0	

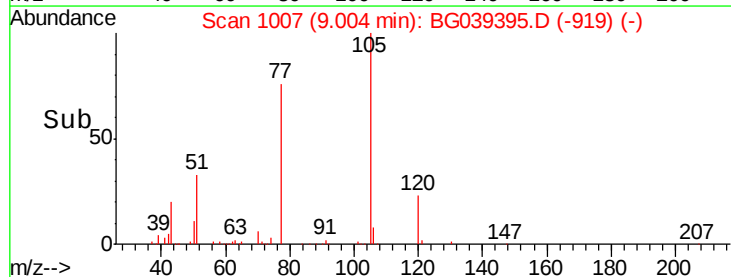
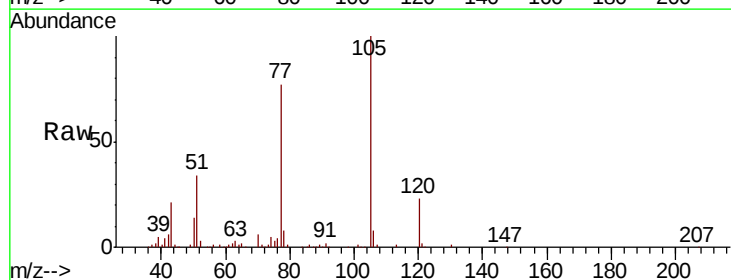
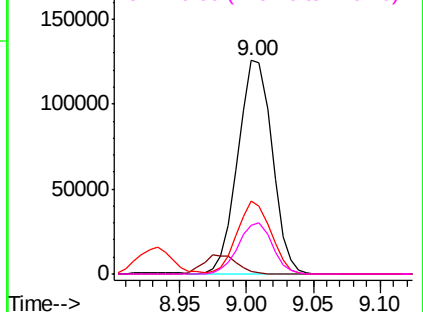
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





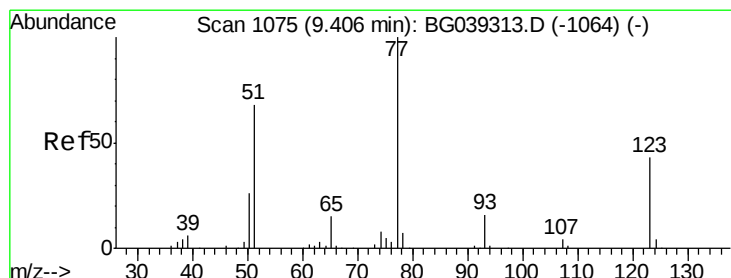
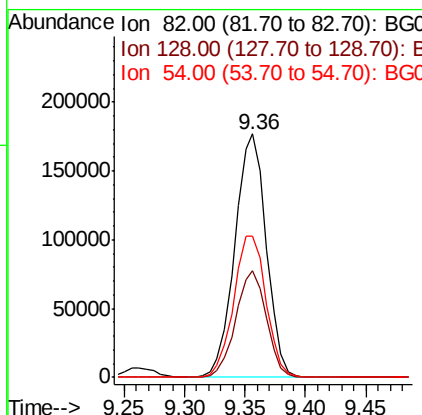
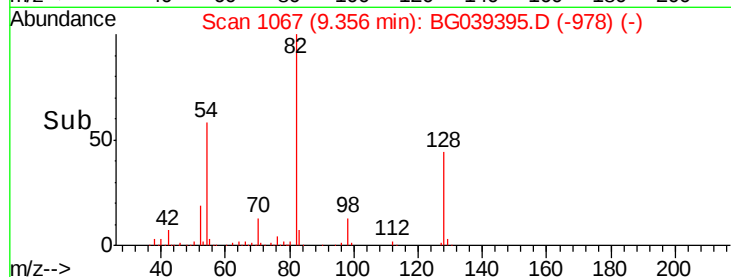
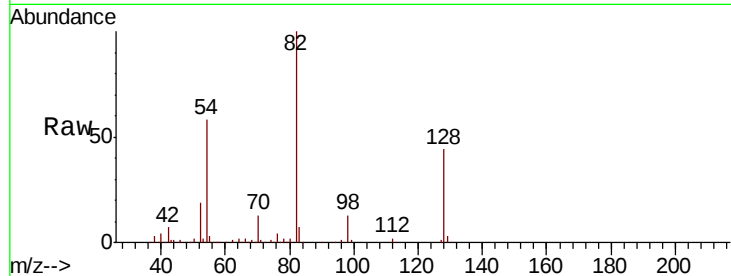
#23
Nitrobenzene-d5
Concen: 89.373 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	31.3	46.9	
54	57.9	50.9	76.3	

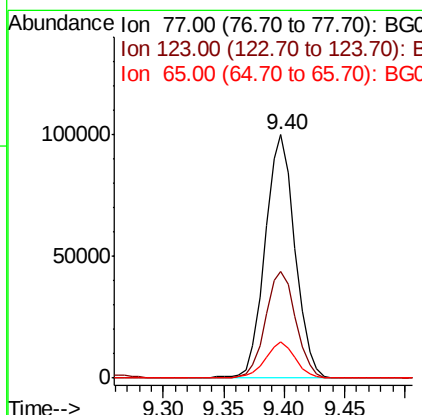
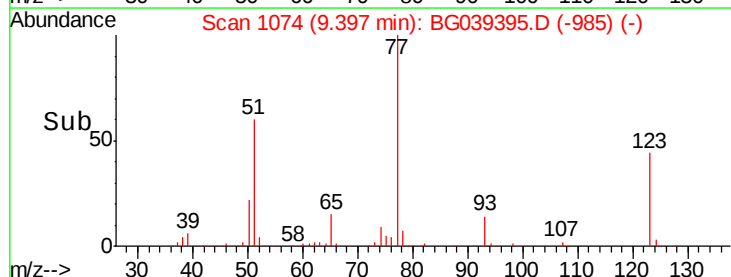
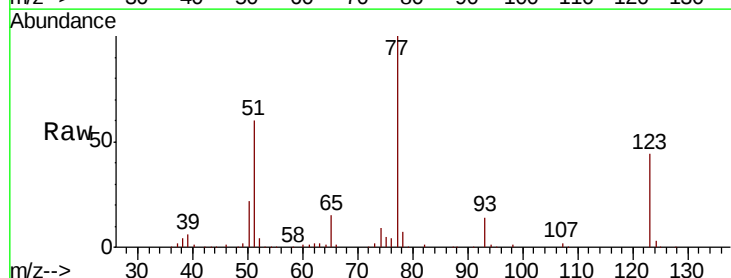
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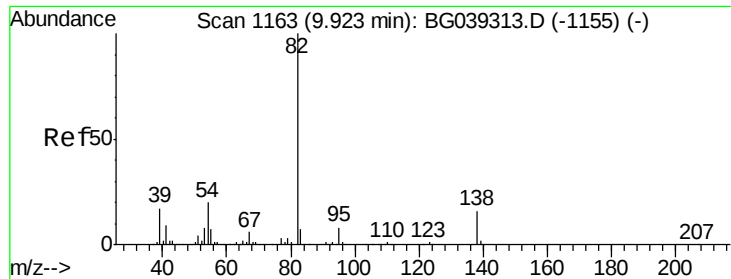
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#24
Nitrobenzene
Concen: 44.554 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.7	34.1	51.1	
65	15.1	12.3	18.5	





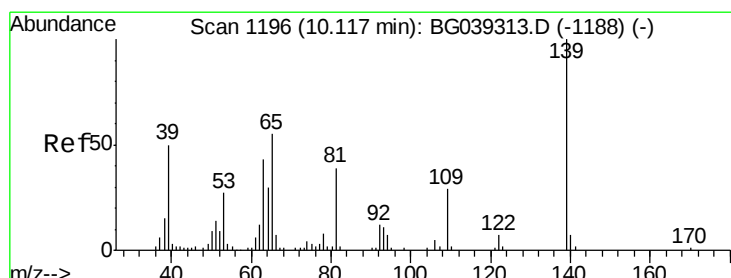
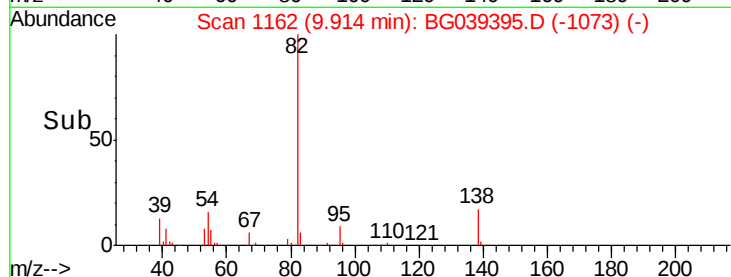
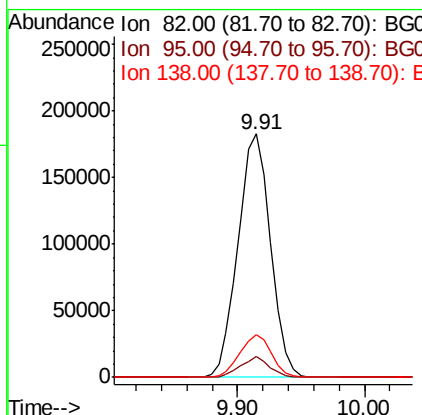
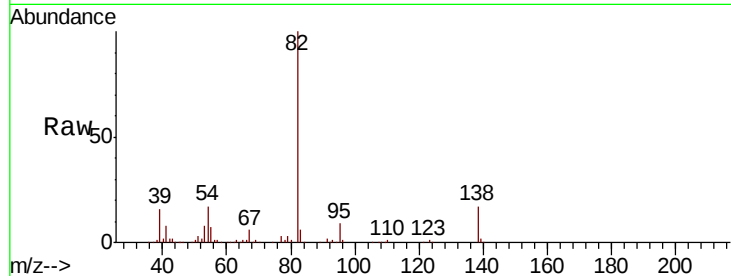
#25
Isophorone
Concen: 40.885 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	324332		
95	8.7	6.2	9.2	
138	17.3	13.0	19.4	

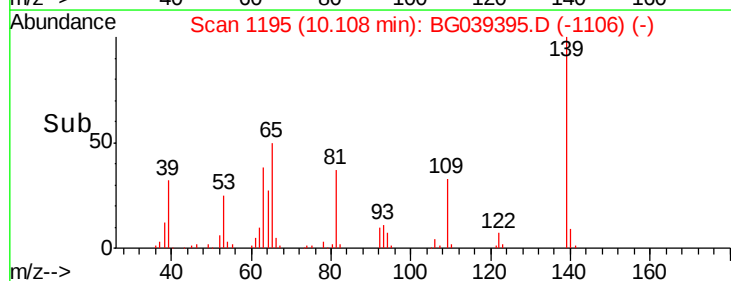
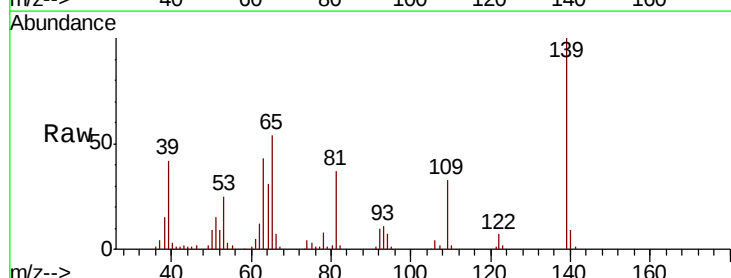
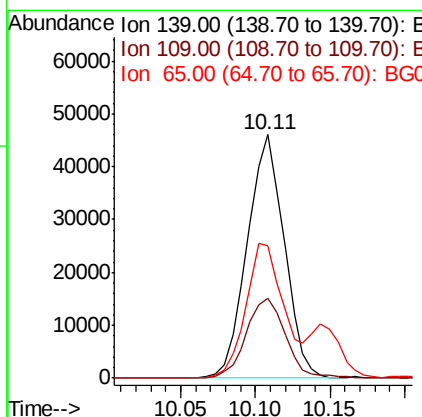
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#26
2-Nitrophenol
Concen: 51.023 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	78830		
109	32.6	23.4	35.0	
65	54.1	44.3	66.5	





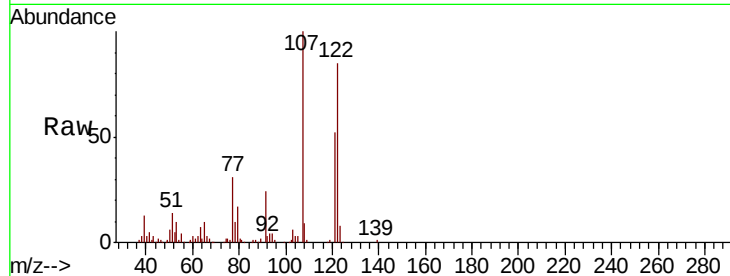
#27
2,4-Dimethylphenol
Concen: 49.244 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampled :
PB116922BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	158023		
107	117.1	91.7	137.5	
121	60.5	46.4	69.6	

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2/11/2019 5:04:21 PM

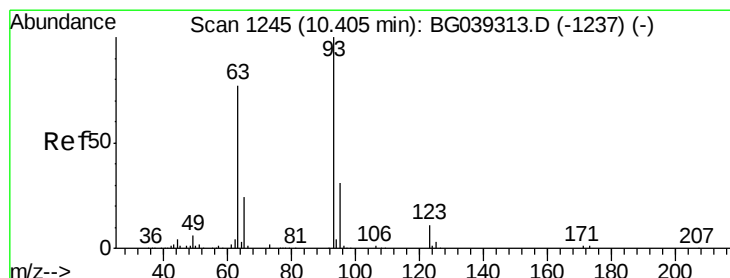
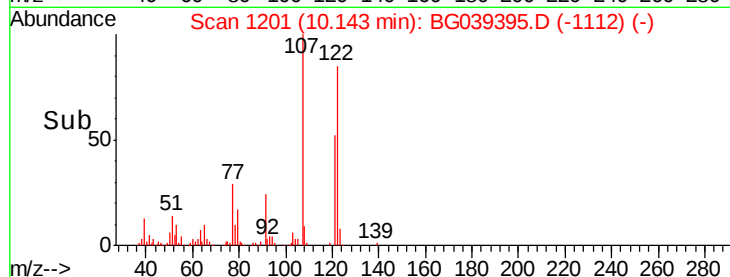
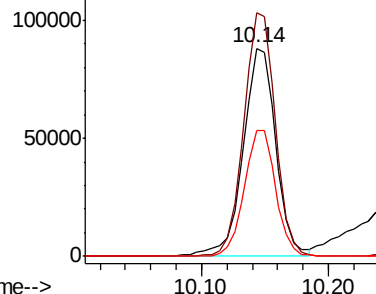


Abundance

Ion 122.00 (121.70 to 122.70): E

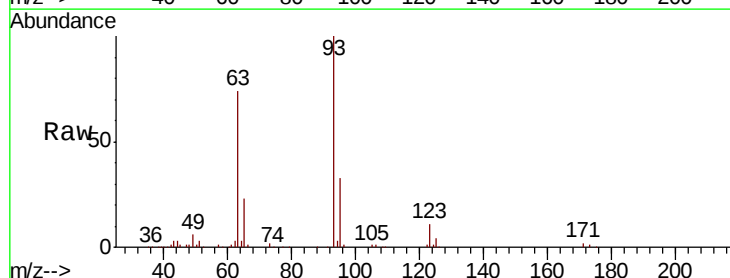
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.548 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	203007		
95	33.0	25.0	37.4	
123	11.4	8.6	12.8	

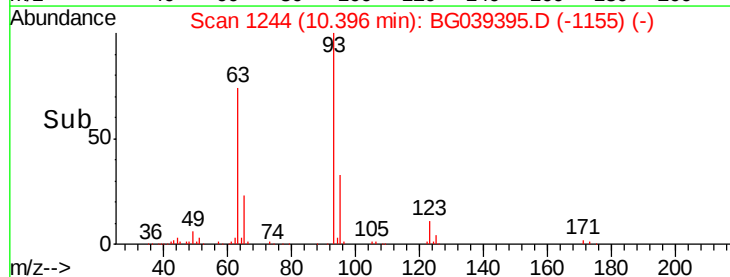
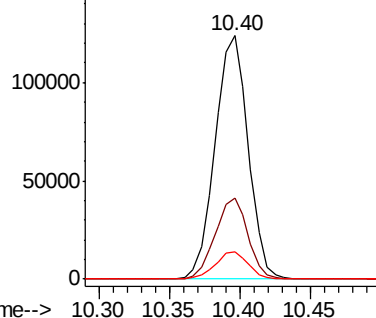


Abundance

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





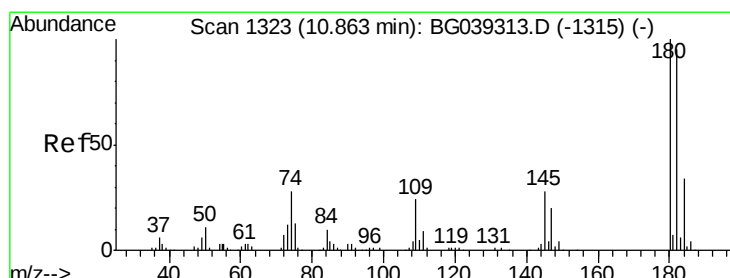
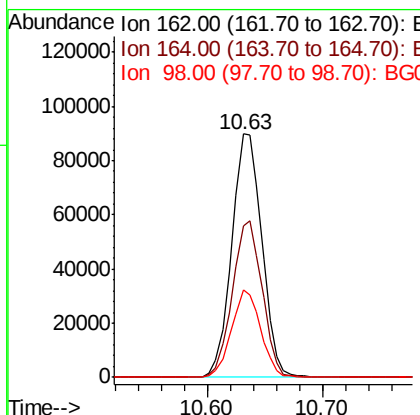
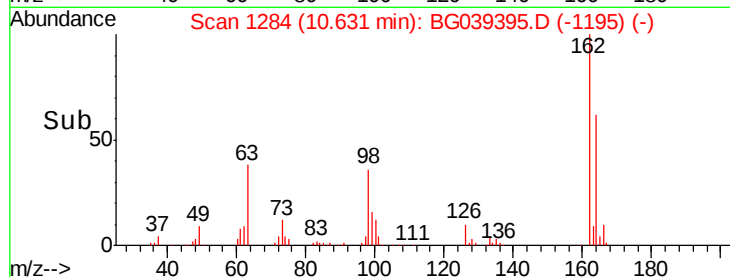
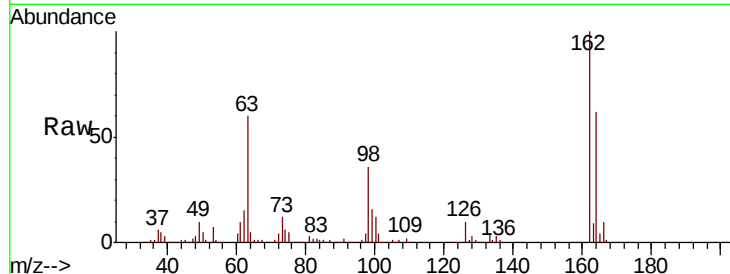
#29
 2,4-Dichlorophenol
 Concen: 46.195 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Instrument :
 BNA_G
 ClientSampleId :
 PB116922BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	162013		
164	62.1	48.1	88.1	
98	36.1	18.1	58.1	

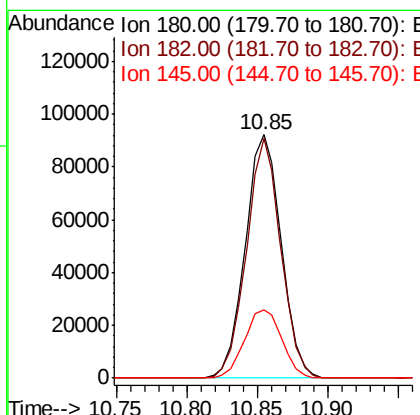
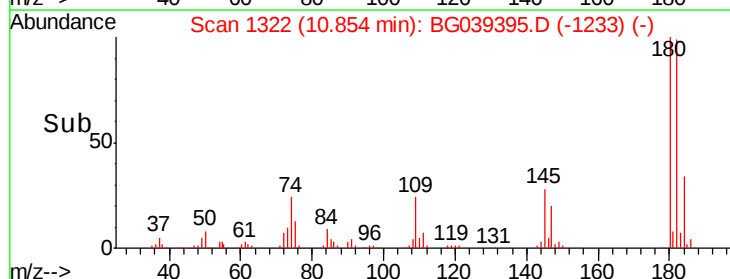
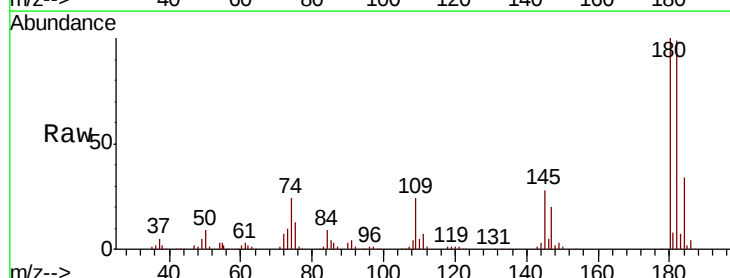
Manual Integrations
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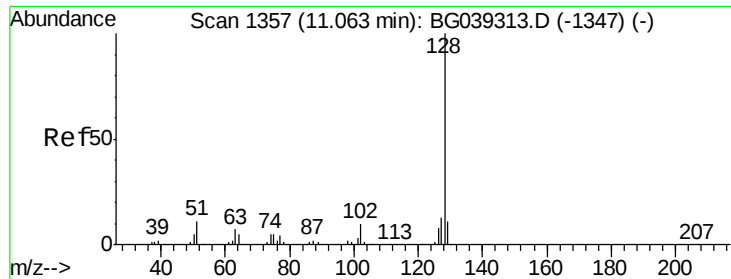
Sohil
 2/11/2019 5:04:21 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.659 ng
 RT: 10.85 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	164032		
182	98.6	76.0	114.0	
145	27.9	22.7	34.1	





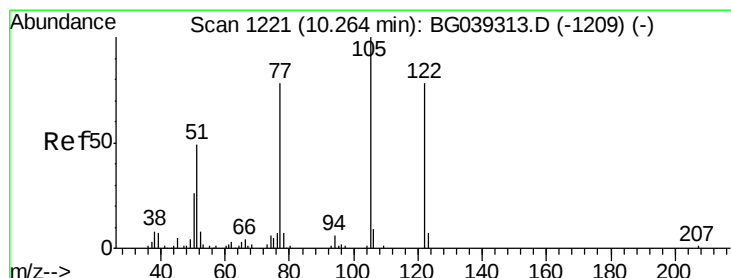
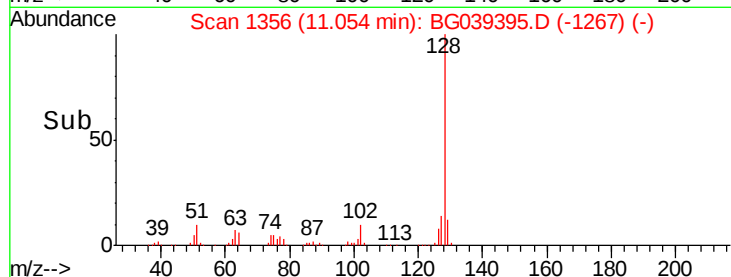
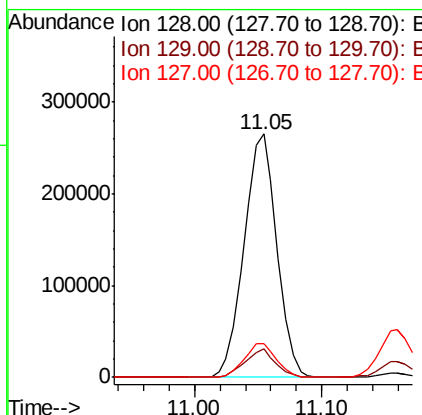
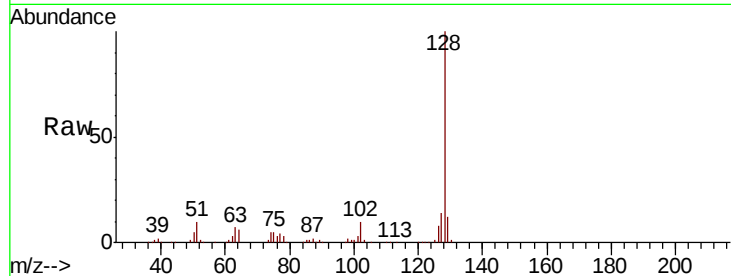
#31
Naphthalene
Concen: 42.721 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.7	13.1
127	13.8	10.8	16.2

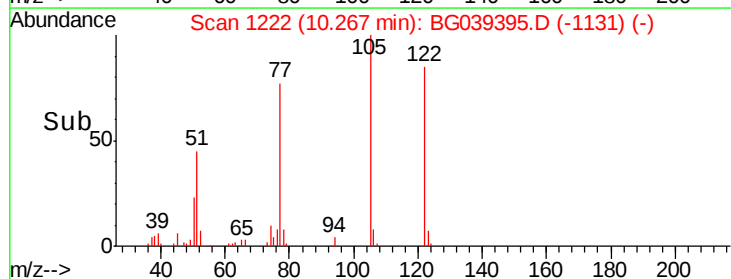
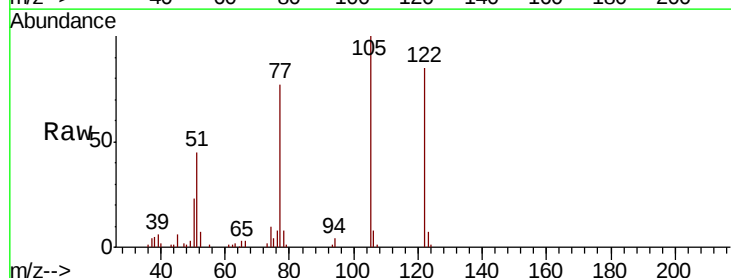
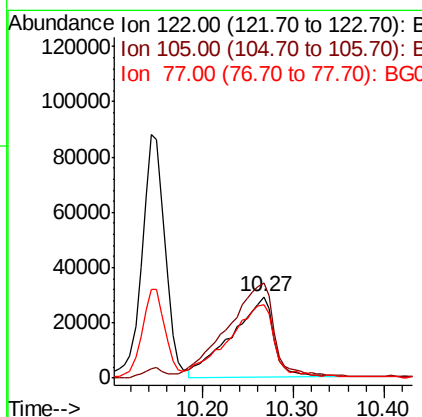
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#32
Benzoic acid
Concen: 45.403 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.9	101.8	141.8
77	90.4	76.3	116.3





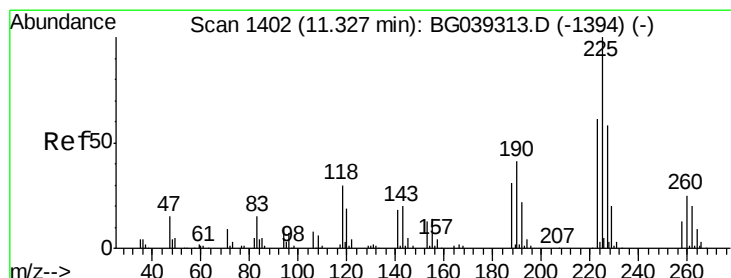
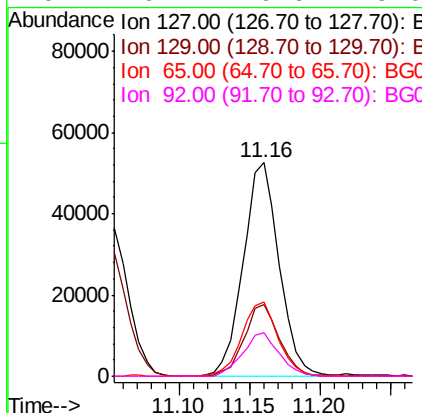
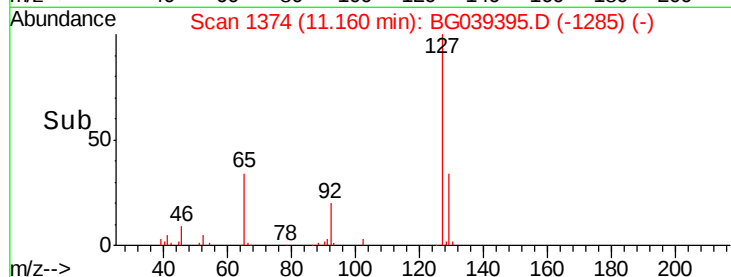
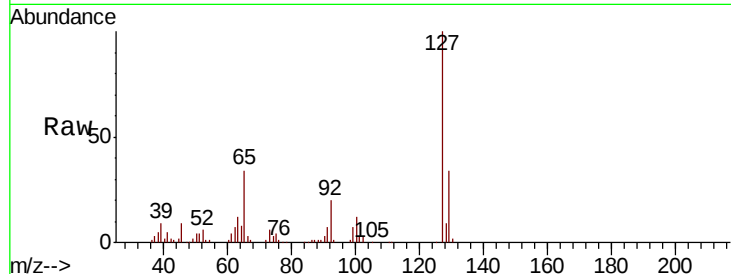
#33
4-Chloroaniline
Concen: 18.245 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.8	27.0	40.4		
65	34.5	28.8	43.2		
92	20.4	16.6	25.0		

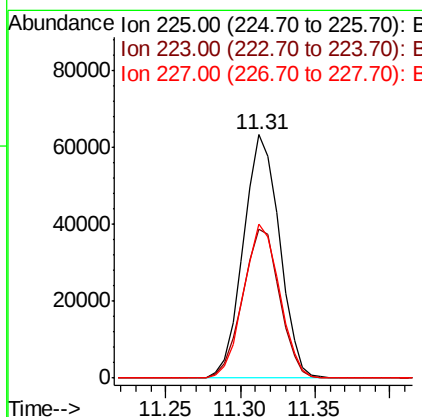
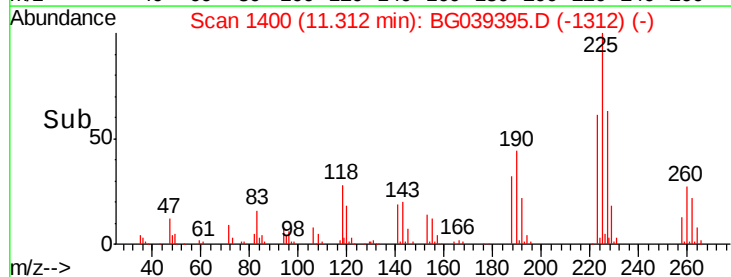
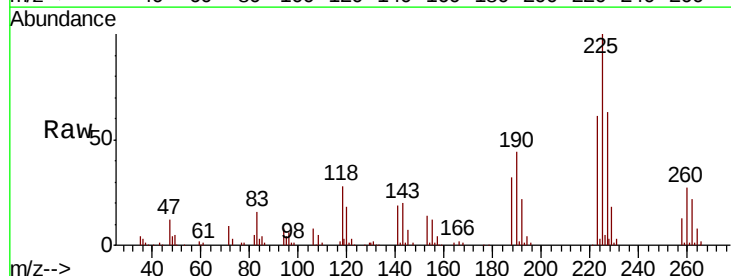
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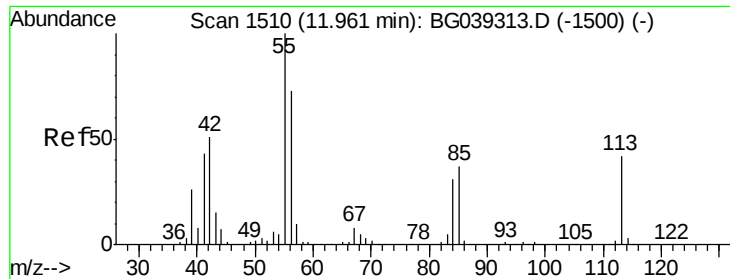
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#34
Hexachlorobutadiene
Concen: 40.458 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	49.0	73.6		
227	63.1	46.3	69.5		





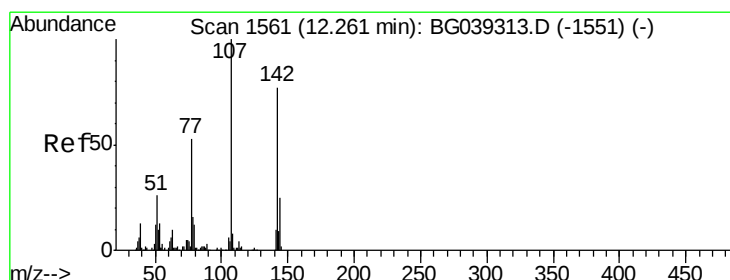
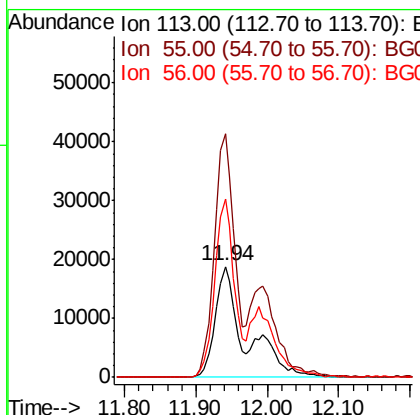
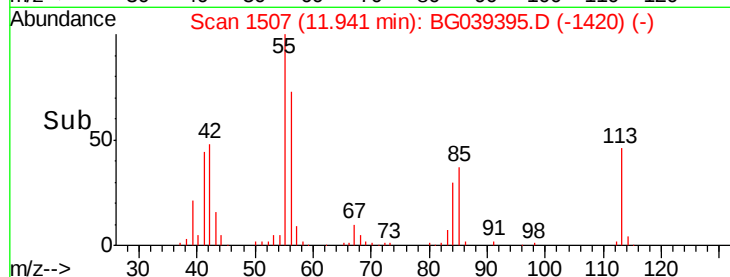
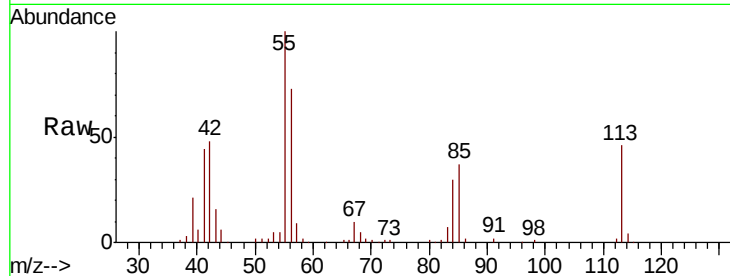
#35
 Caprolactam
 Concen: 37.586 ng/ml
 RT: 11.94 min Scan# 1507
 Delta R.T. -0.02 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Instrument :
 BNA_G
 ClientSampleID :
 PB116922BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	219.6	216.9	256.9	
56	161.2	152.6	192.6	

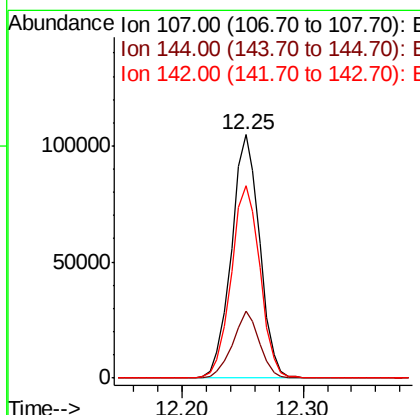
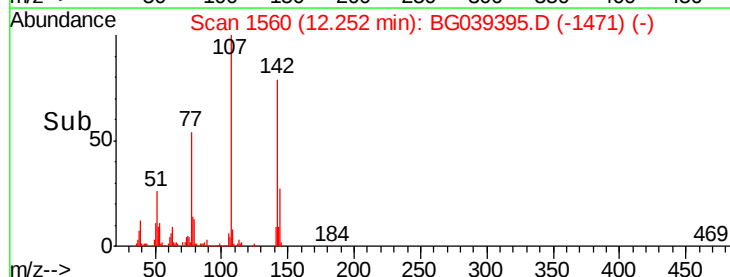
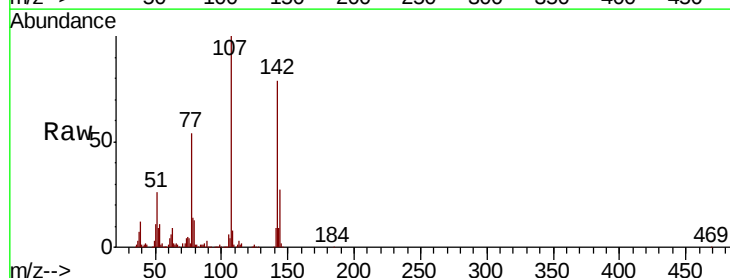
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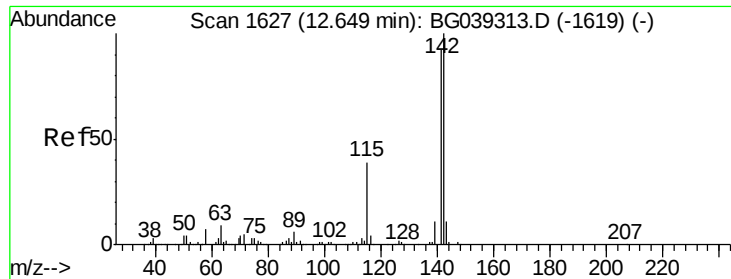
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#36
 4-Chloro-3-methylphenol
 Concen: 42.017 ng/ml
 RT: 12.25 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.4	20.2	30.2	
142	79.1	61.4	92.2	





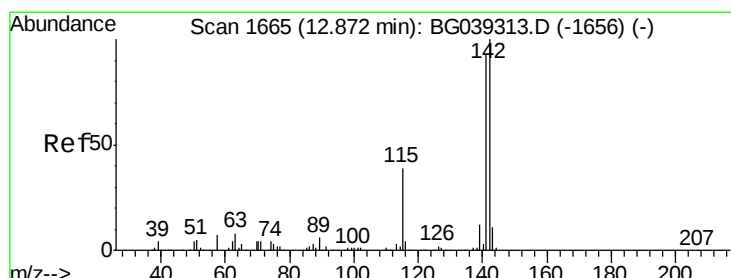
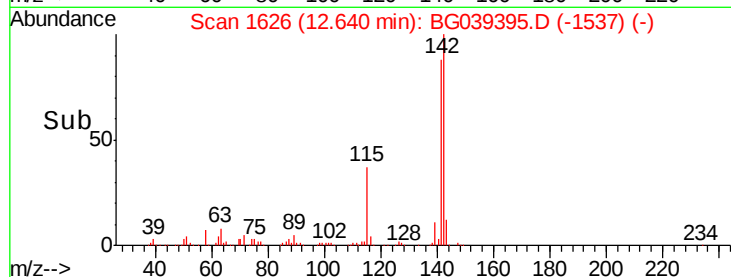
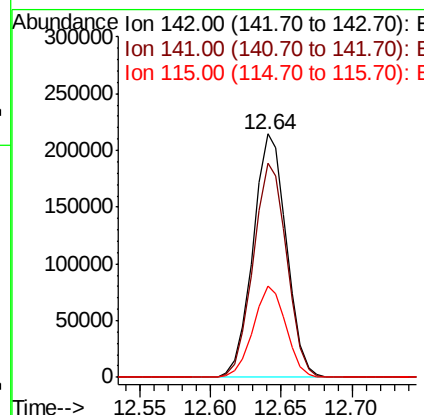
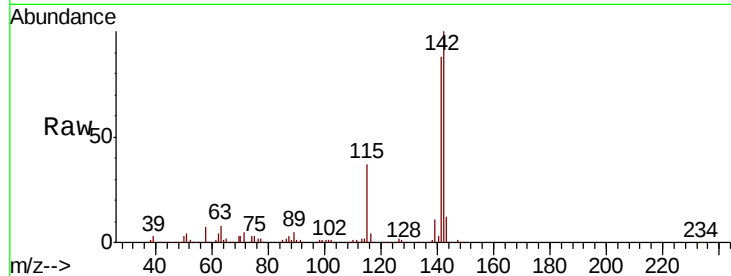
#37
2-Methylnaphthalene
Concen: 43.284 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.5	110.3
115	37.3	30.8	46.2

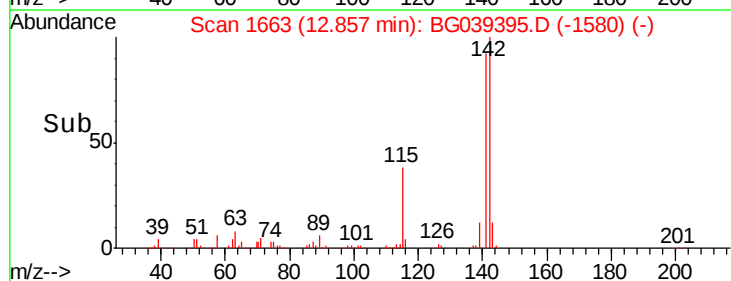
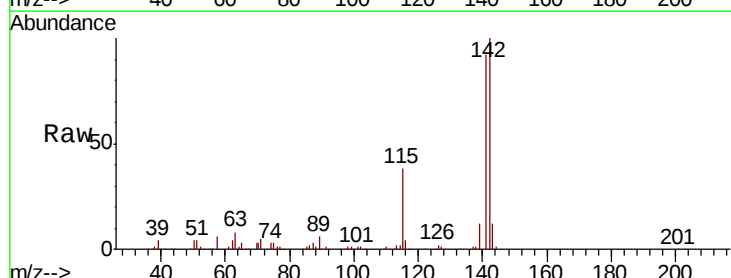
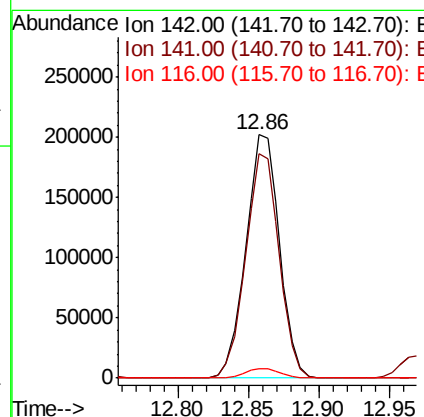
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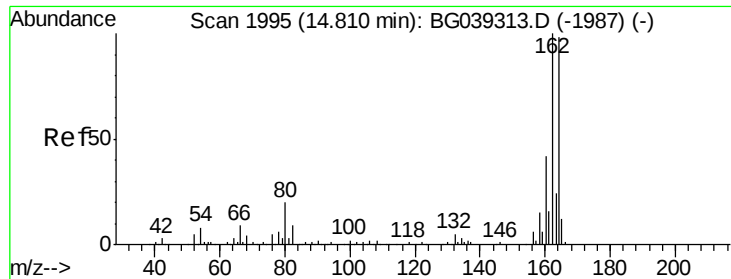
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#38
1-Methylnaphthalene
Concen: 42.501 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.8	3.0	4.6





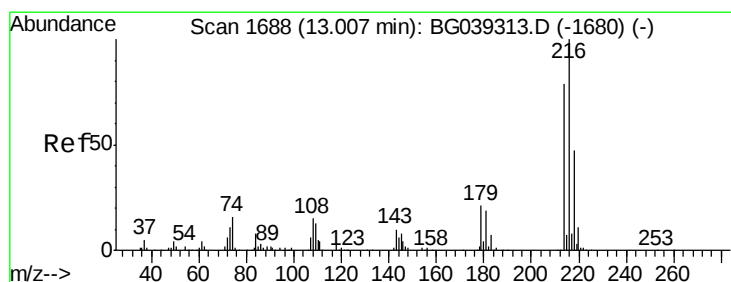
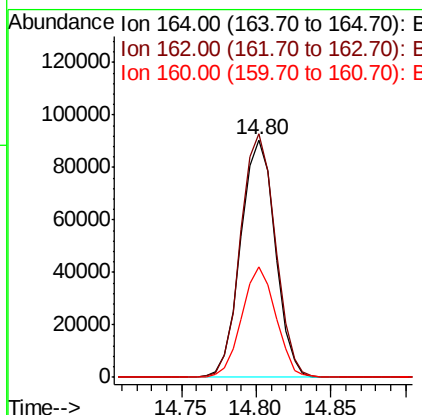
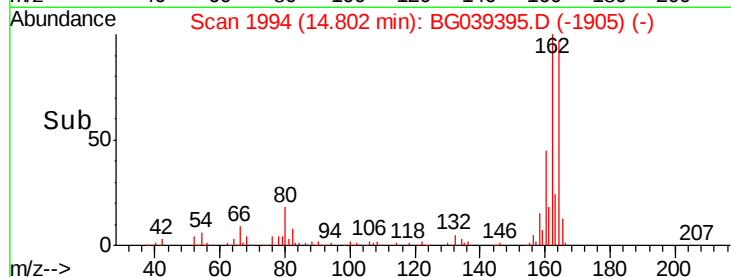
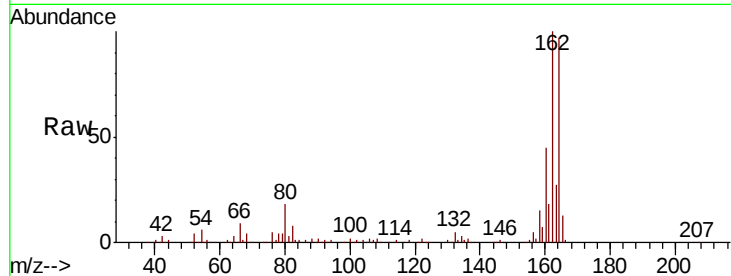
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.6	122.4
160	46.6	34.2	51.2

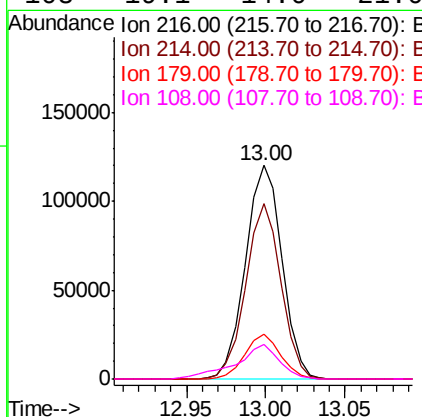
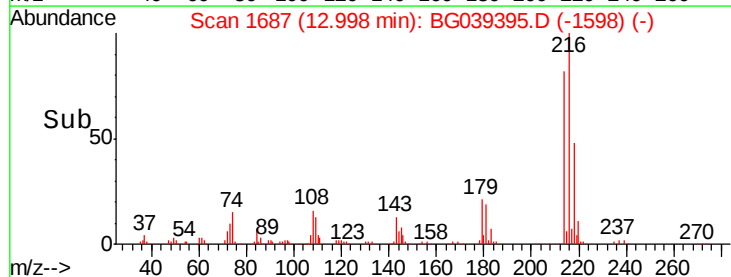
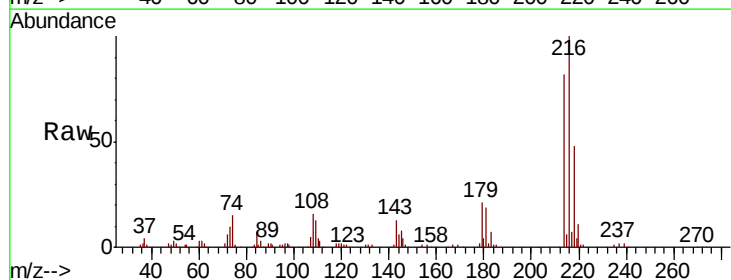
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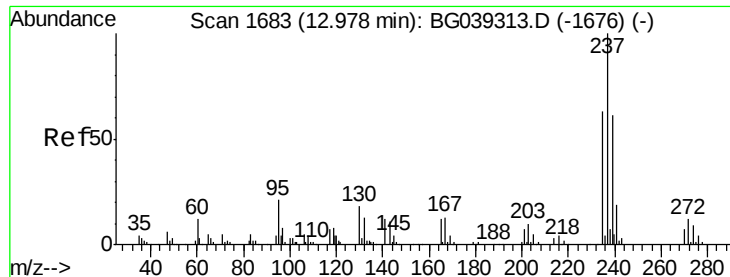
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.871 ng
RT: 13.00 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.6	94.0
179	20.4	16.6	25.0
108	19.1	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 104.285 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

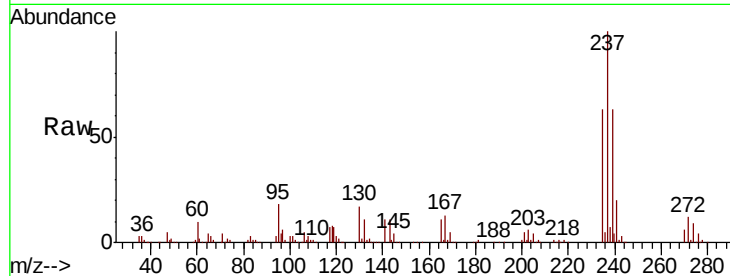
ClientSampleId :

PB116922BS

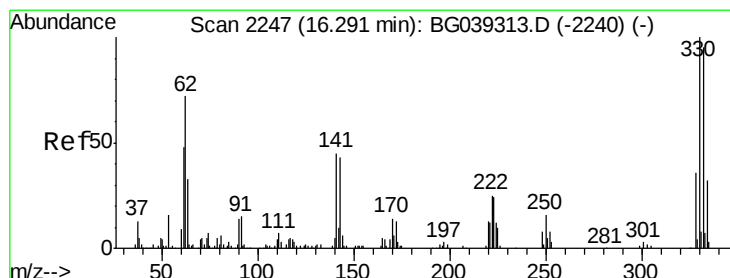
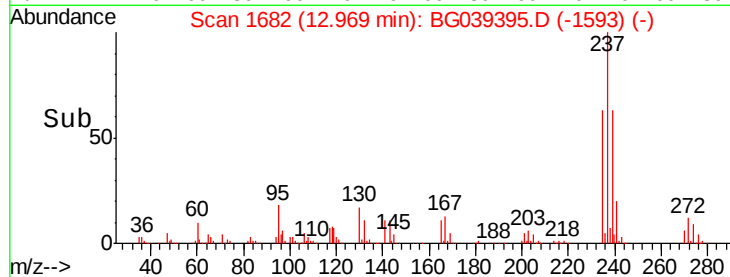
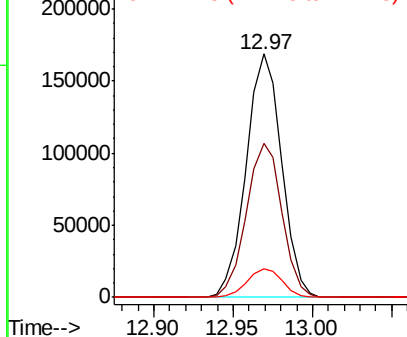
Tot Ion:	237	Resp:	261529
Ion Ratio		Lower	Upper
237	100		
235	63.5	43.3	83.3
272	11.9	0.0	32.3

Manual Integrations
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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: 162.587 ng

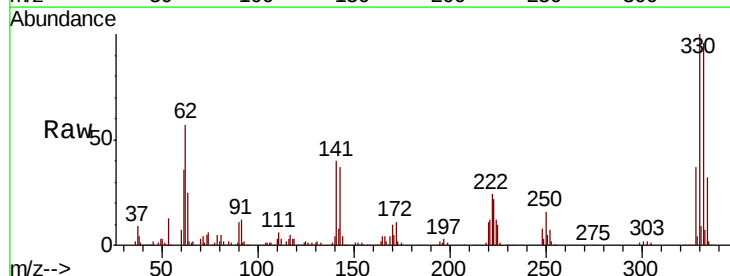
RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

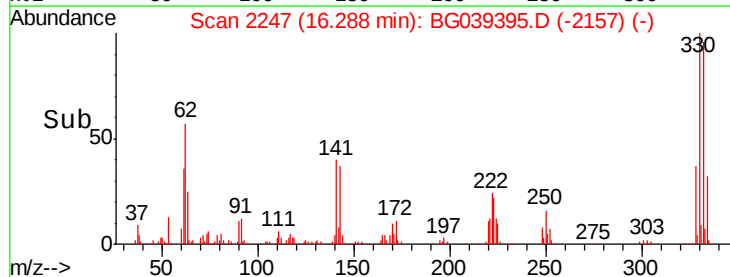
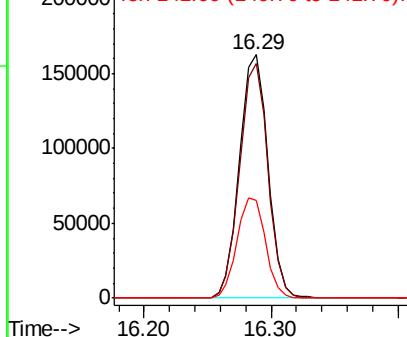
Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tgt Ion:	330	Resp:	253244
Ion Ratio		Lower	Upper
330	100		
332	95.7	75.7	113.5
141	41.1	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





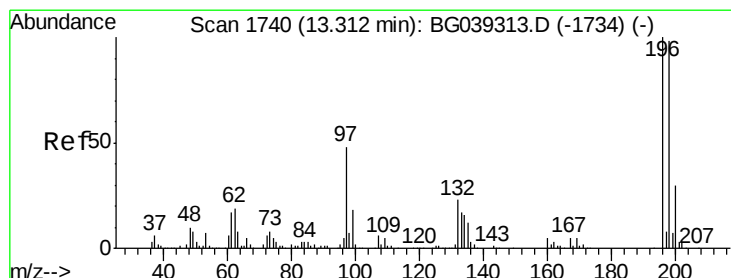
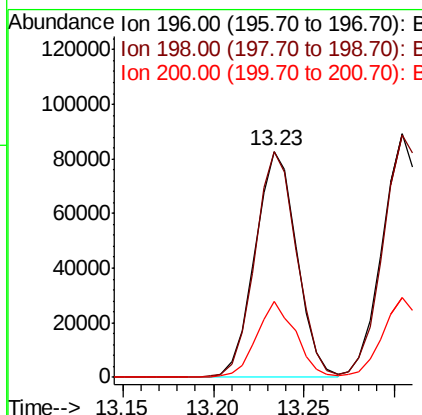
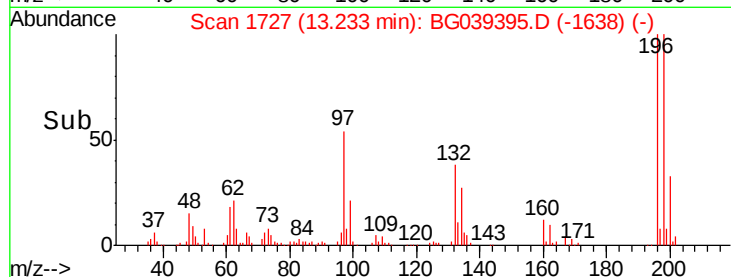
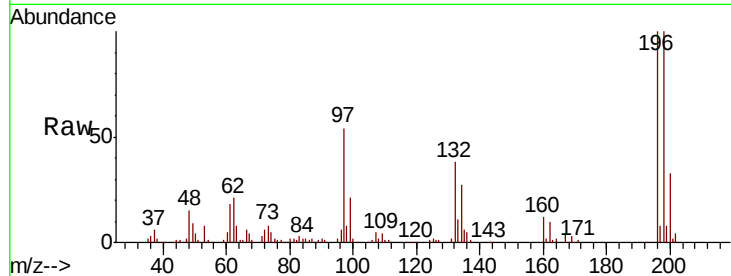
#43
 2,4,6-Trichlorophenol
 Concen: 46.747 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Instrument :
 BNA_G
 ClientSampleId :
 PB116922BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132278		
198	100.0	80.6	121.0	
200	33.5	26.1	39.1	

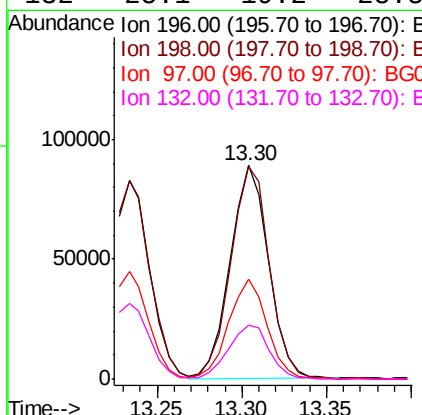
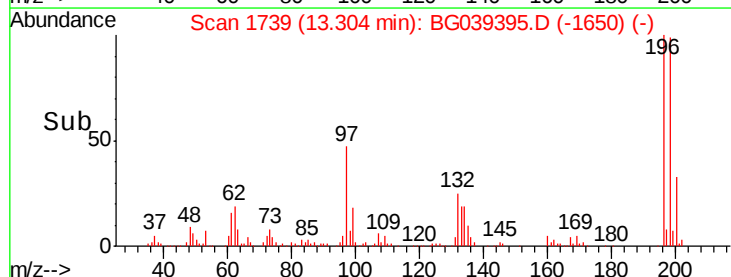
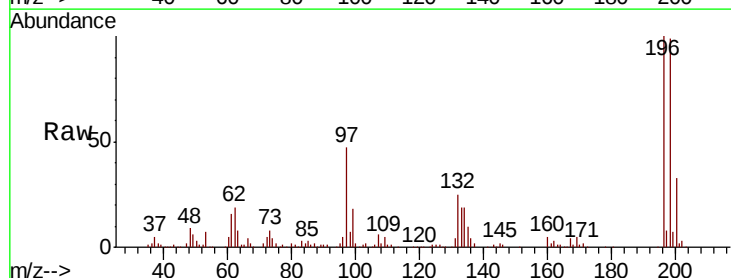
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#44
 2,4,5-Trichlorophenol
 Concen: 47.460 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140754		
198	99.3	78.5	117.7	
97	46.8	38.4	57.6	
132	25.1	19.2	28.8	





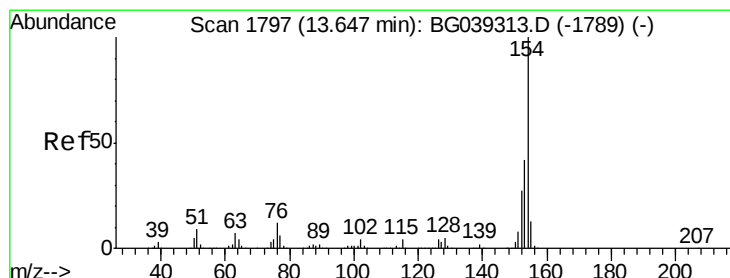
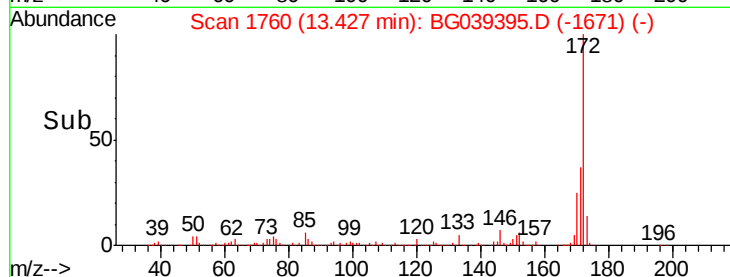
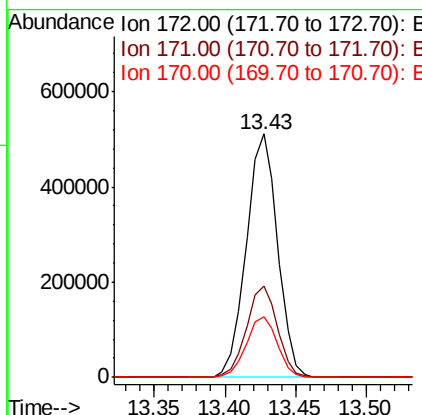
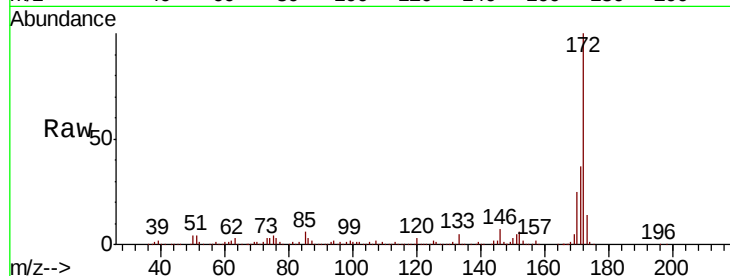
#45
2-Fluorobiphenyl
Concen: 78.706 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.0	20.2	30.4

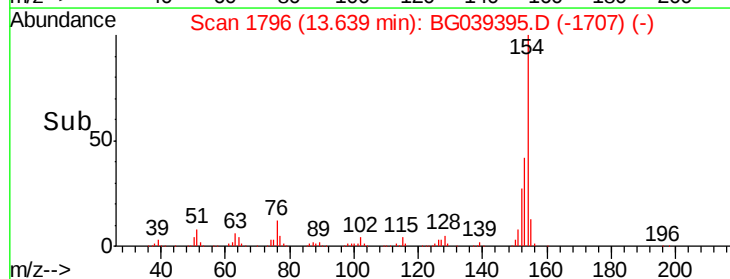
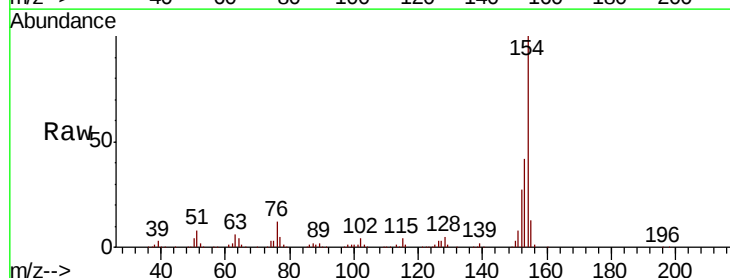
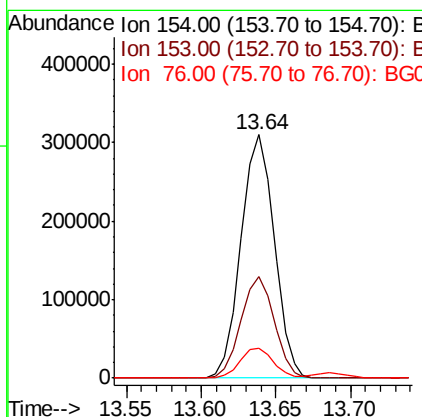
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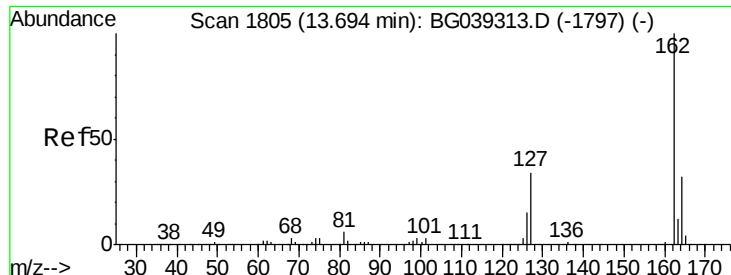
Sohil
2/11/2019 5:04:21 PM



#46
1,1'-Biphenyl
Concen: 39.802 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.1	62.1
76	12.0	0.0	32.4





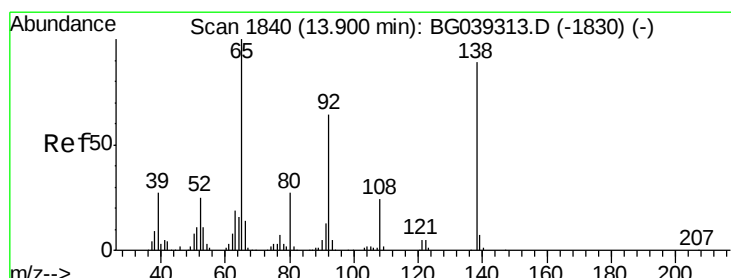
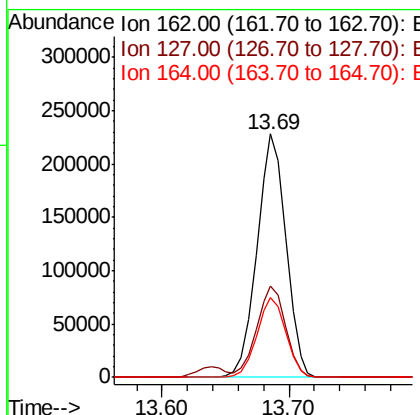
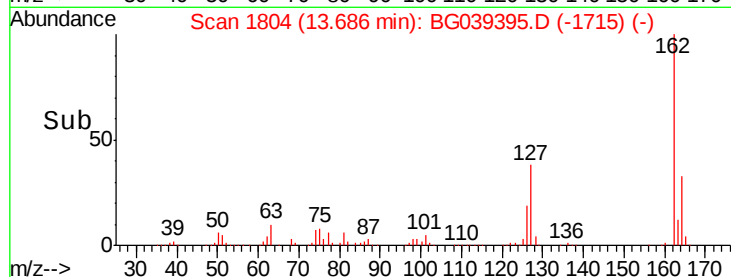
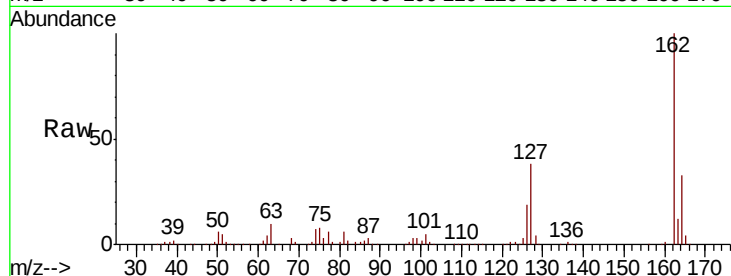
#47
2-Chloronaphthalene
Concen: 40.132 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		363339		
127	37.7		31.0	46.6	
164	33.0		25.7	38.5	

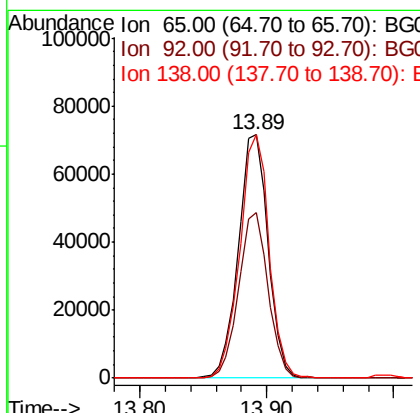
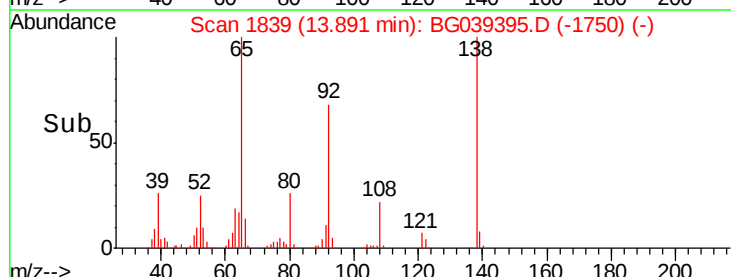
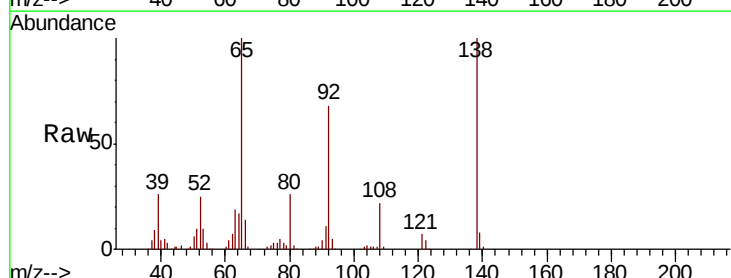
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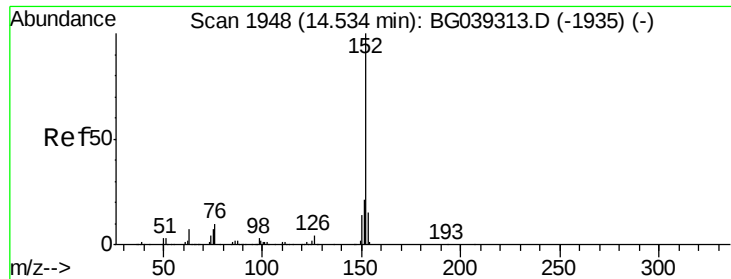
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#48
2-Nitroaniline
Concen: 45.179 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		115966		
92	67.8		51.4	77.2	
138	100.0		71.4	107.2	





#49

Acenaphthylene

Concen: 42.802 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

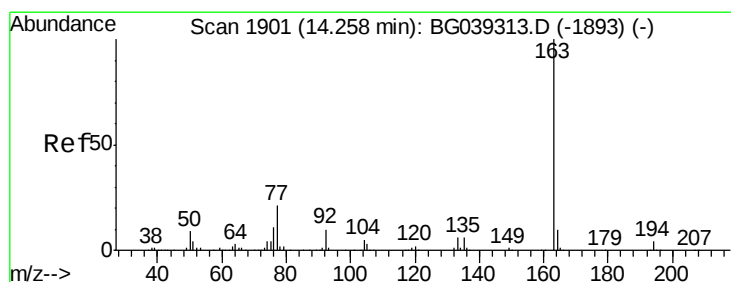
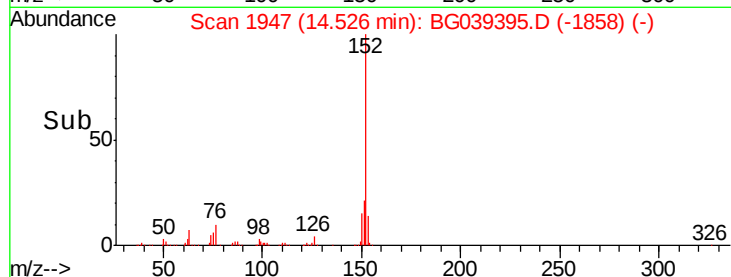
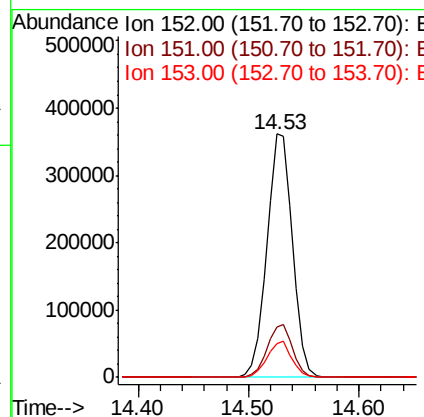
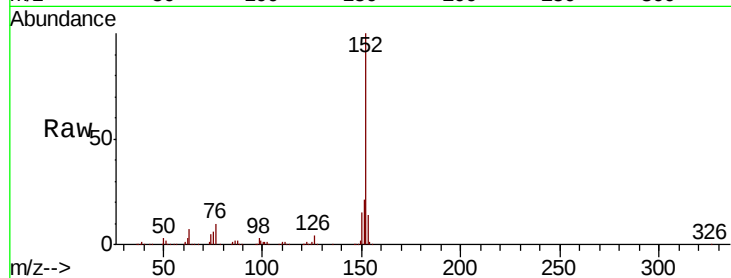
ClientSampleId :

PB116922BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		584725		
151	20.8		16.8	25.2	
153	14.0		11.7	17.5	

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#50

Dimethylphthalate

Concen: 40.330 ng

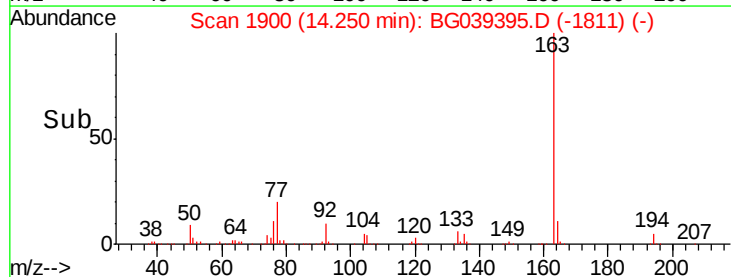
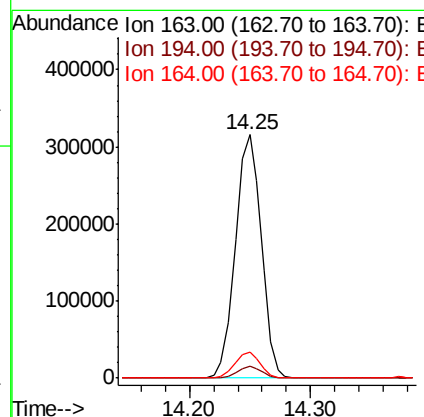
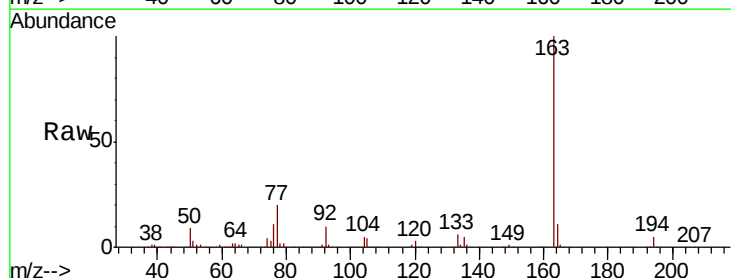
RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		471146		
194	4.9		3.6	5.4	
164	10.6		8.4	12.6	





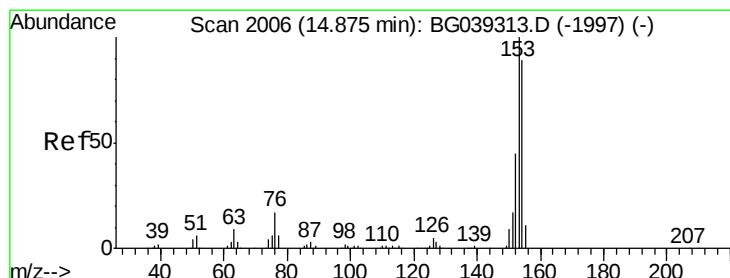
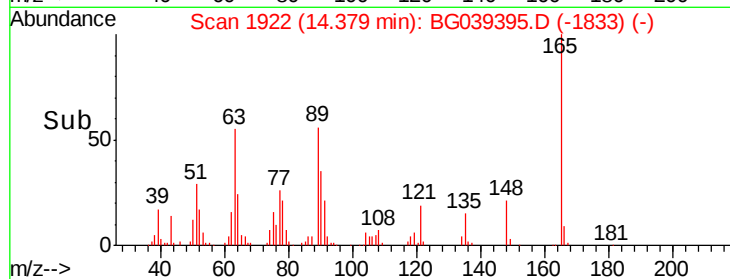
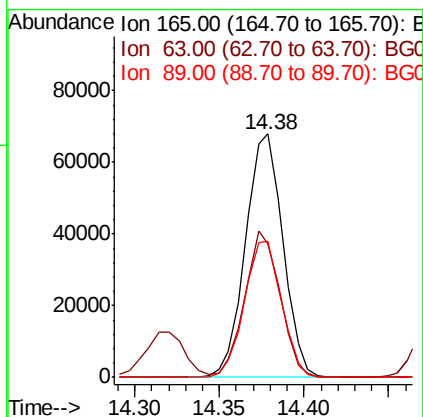
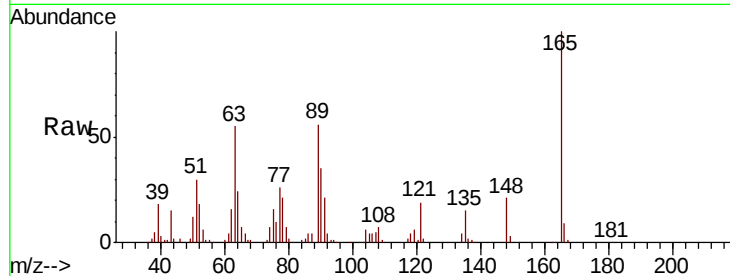
#51
2,6-Dinitrotoluene
Concen: 47.938 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampled :
PB116922BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	104644		
63	55.0	47.0	70.6	
89	55.7	45.8	68.8	

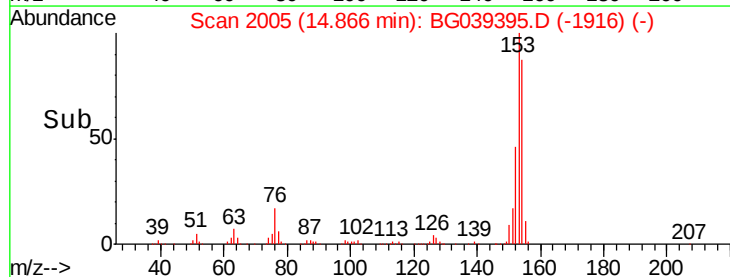
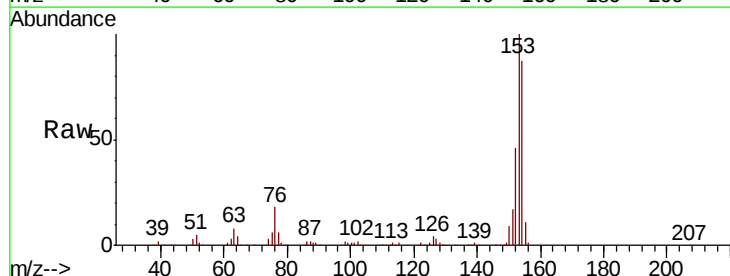
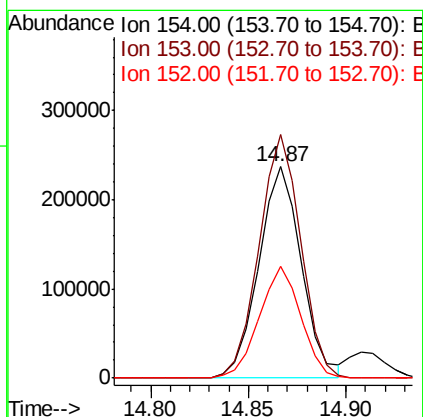
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#52
Acenaphthene
Concen: 40.362 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	357917		
153	115.1	90.1	135.1	
152	52.7	40.9	61.3	





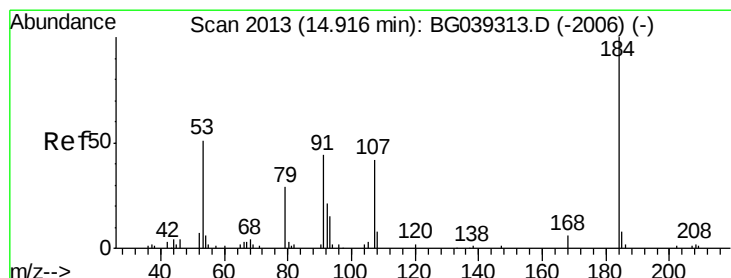
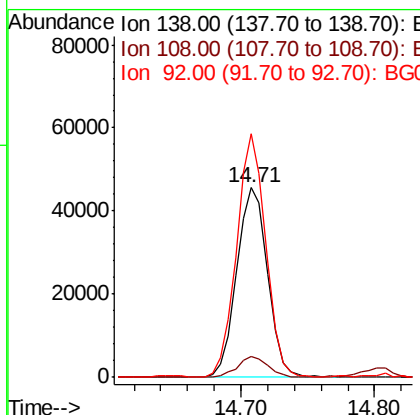
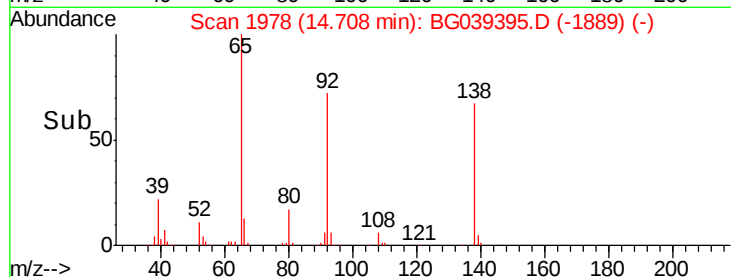
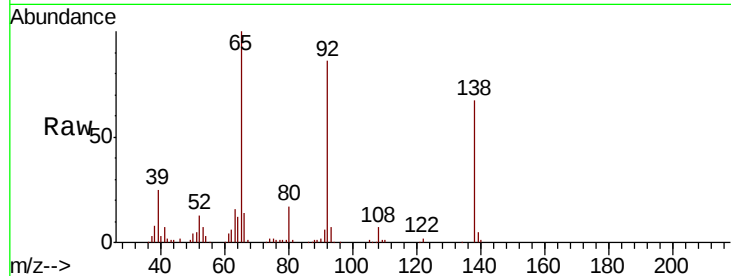
#53
3-Nitroaniline
Concen: 33.018 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion:138 Resp: 72941
Ion Ratio Lower Upper
138 100
108 10.9 13.8 20.8#
92 128.3 103.7 155.5

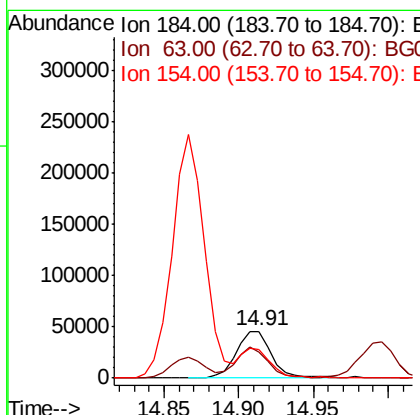
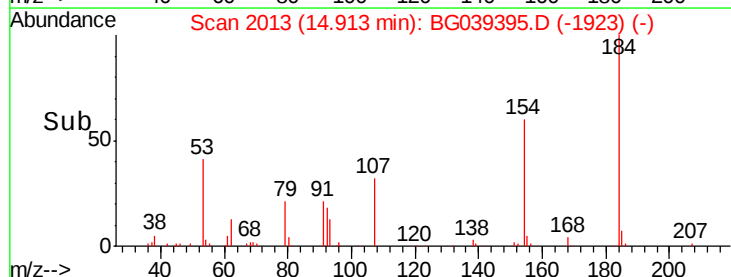
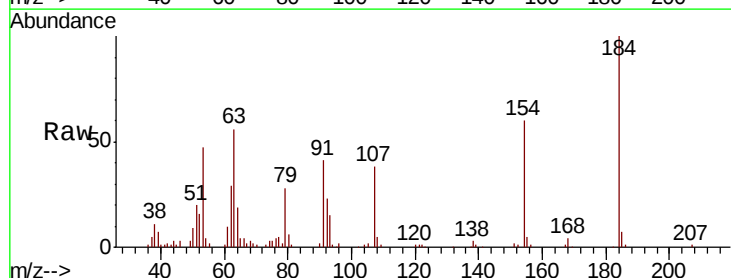
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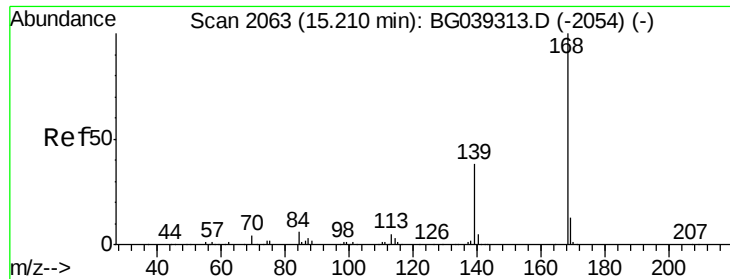
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#54
2,4-Dinitrophenol
Concen: 77.841 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion:184 Resp: 74177
Ion Ratio Lower Upper
184 100
63 55.9 50.9 76.3
154 60.4 53.0 79.6





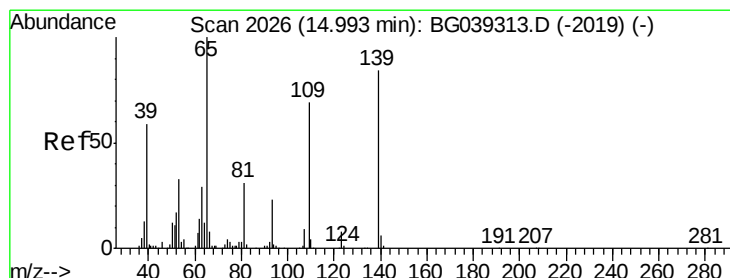
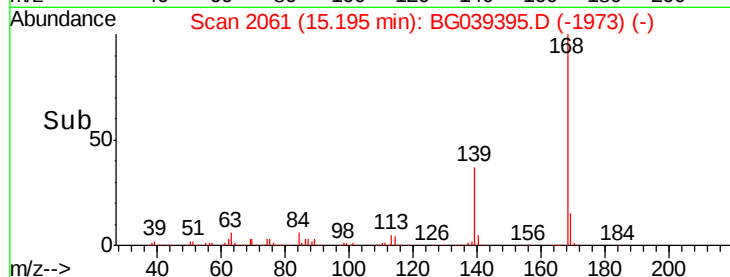
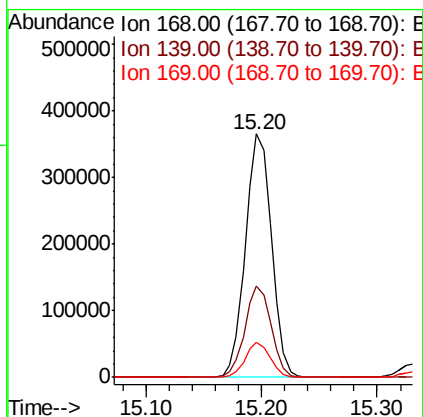
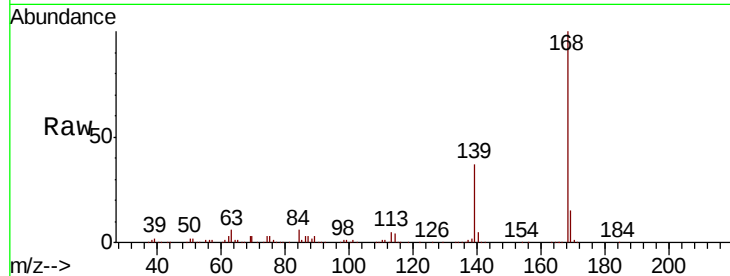
#55
Dibenzofuran
Concen: 40.324 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampled :
PB116922BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.1	45.1
169	14.5	10.6	16.0

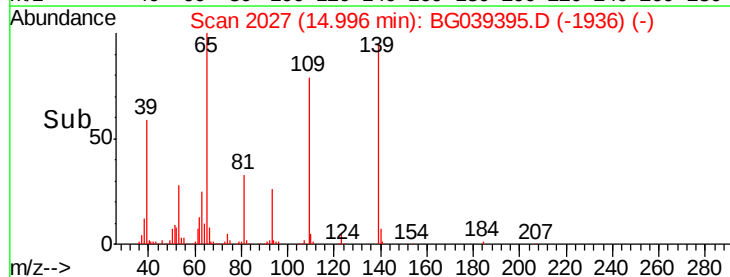
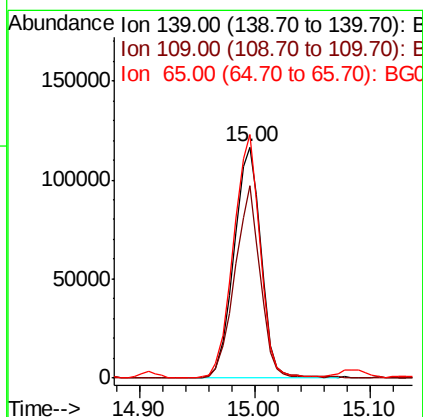
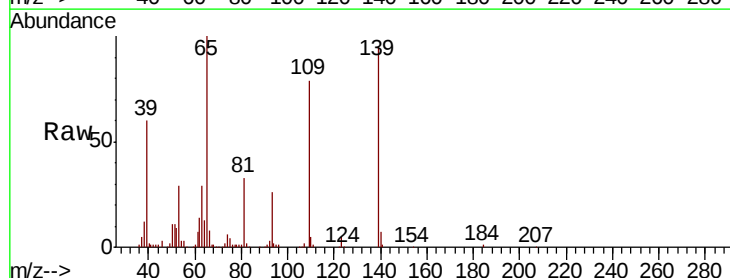
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#56
4-Nitrophenol
Concen: 88.722 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.5	61.9	101.9
65	105.5	99.1	139.1





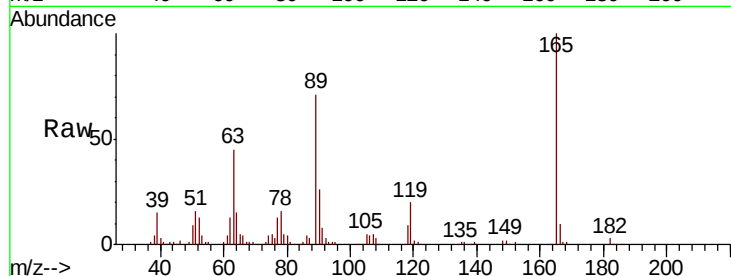
#57
2,4-Dinitrotoluene
Concen: 50.826 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.7	41.0	61.6	
89	71.0	64.6	96.8	
182	2.8	2.0	3.0	

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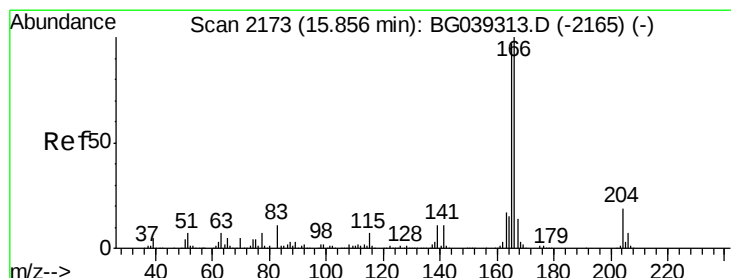
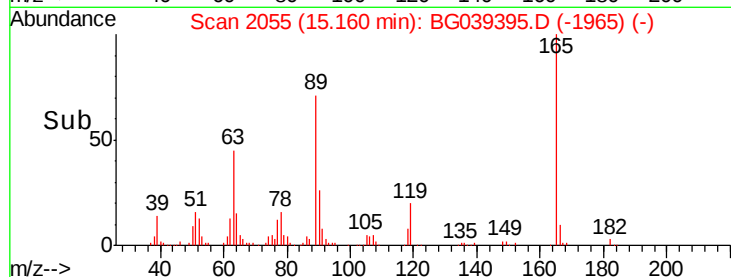
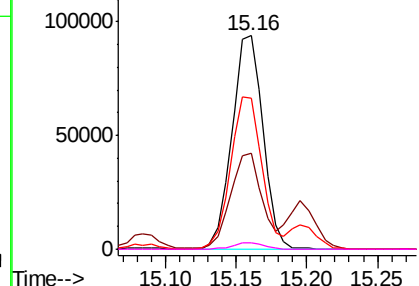
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

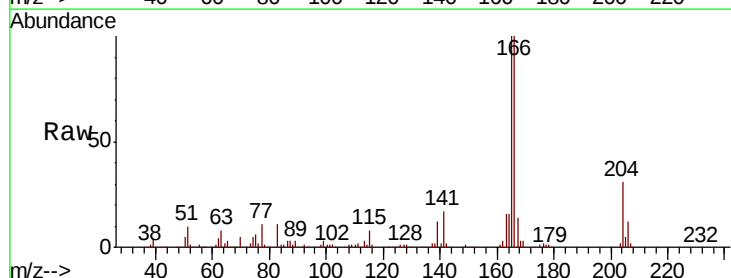
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.919 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.7	77.9	116.9	
167	14.0	10.8	16.2	

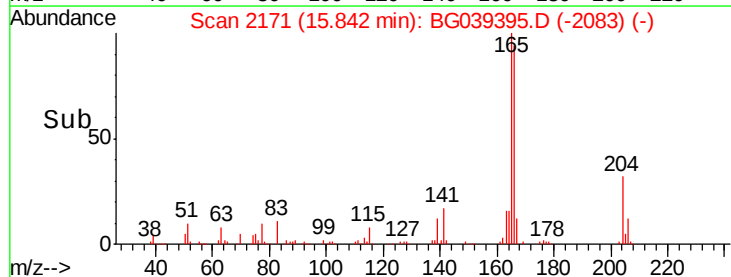
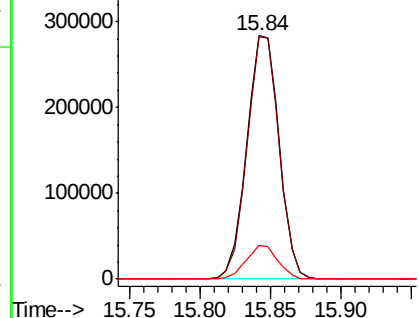


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





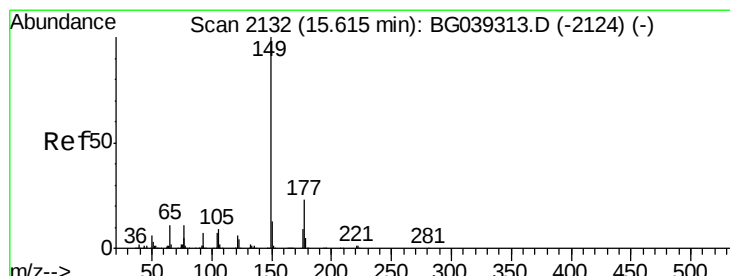
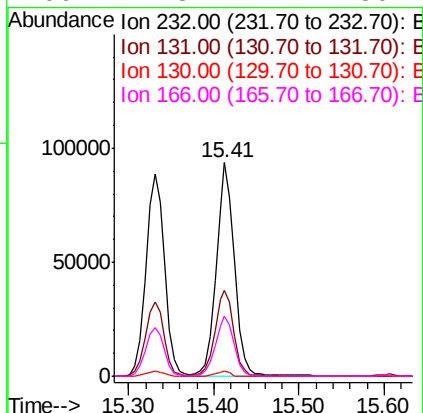
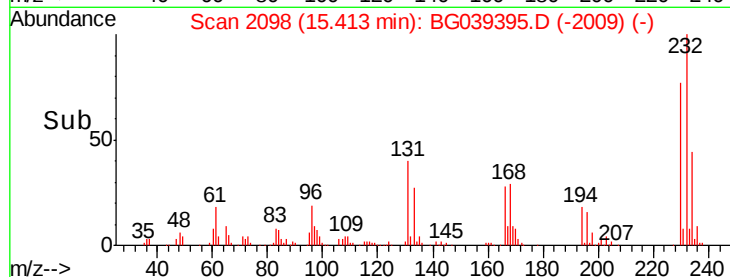
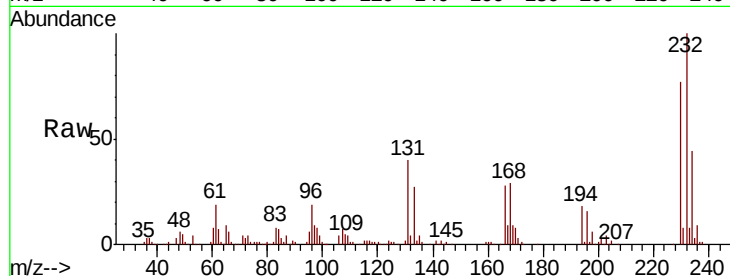
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.086 ng/ml
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Instrument :
 BNA_G
 ClientSampleId :
 PB116922BS

Tot Ion:	232	Resp:	141860
Ion Ratio	Lower	Upper	
232	100		
131	34.5	34.9	52.3#
130	2.2	2.0	3.0
166	22.8	24.1	36.1#

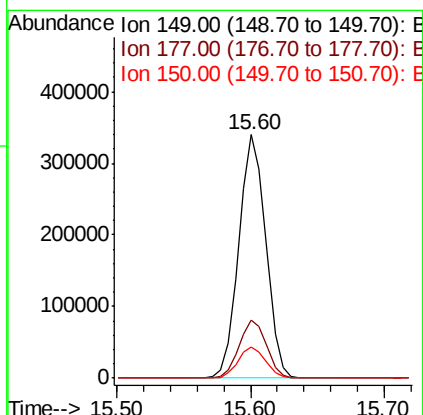
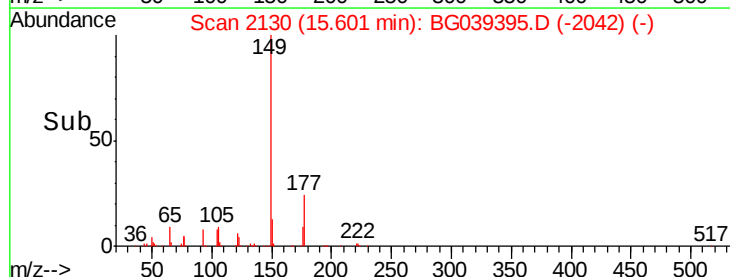
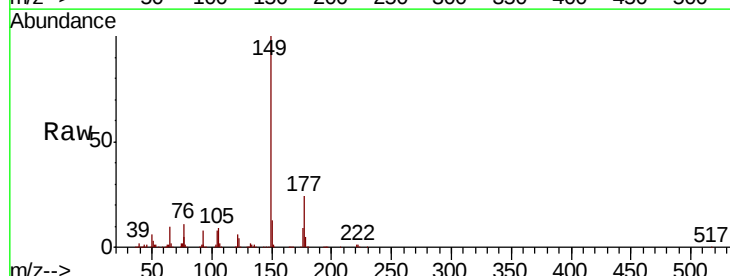
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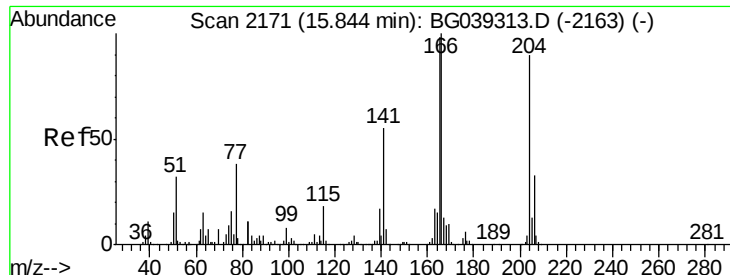
Sohil
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#60
 Diethylphthalate
 Concen: 39.202 ng/ml
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Tgt Ion:	149	Resp:	473497
Ion Ratio	Lower	Upper	
149	100		
177	24.1	18.3	27.5
150	12.6	10.2	15.2





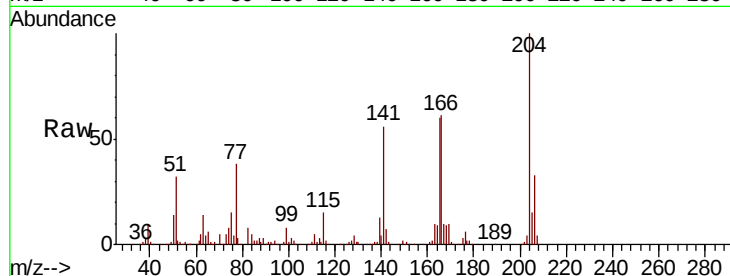
#61
4-Chlorophenyl-phenylether
Concen: 40.797 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	29.2	43.8
141	56.4	49.0	73.4

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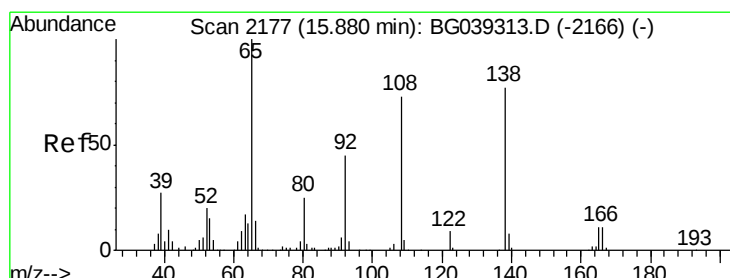
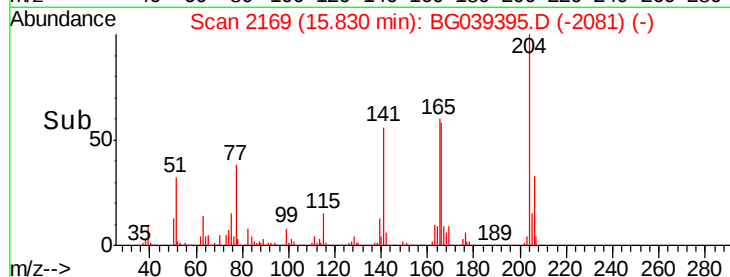
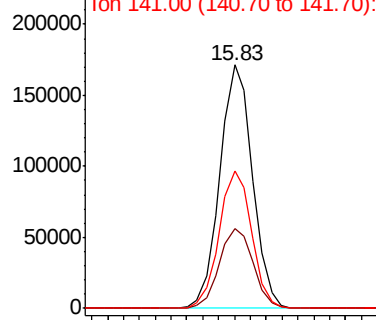


Abundance

Ion 204.00 (203.70 to 204.70): E

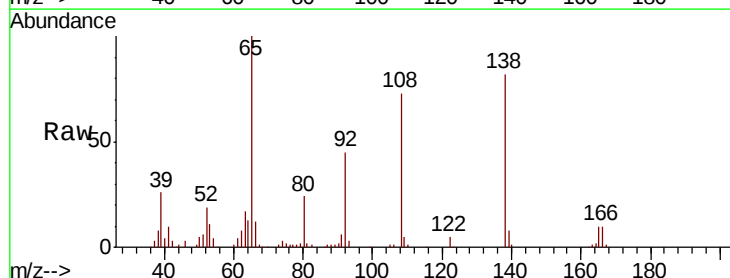
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.165 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	38.7	78.7
108	89.1	74.6	114.6

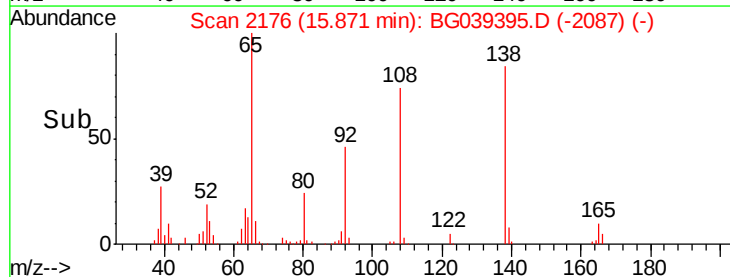
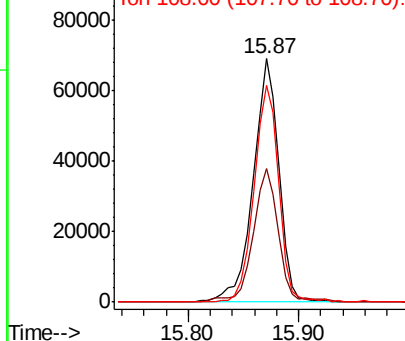


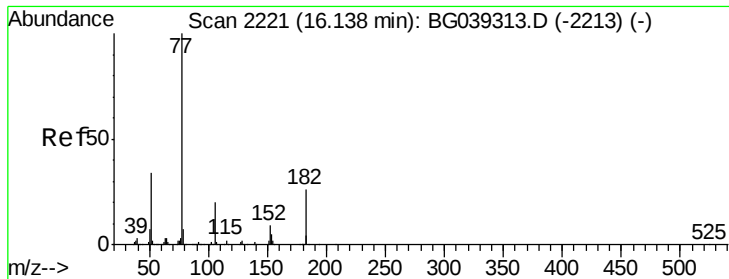
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





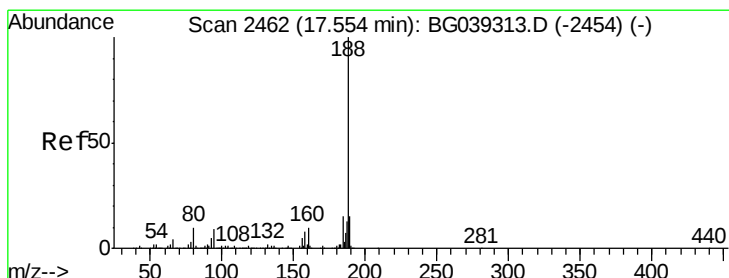
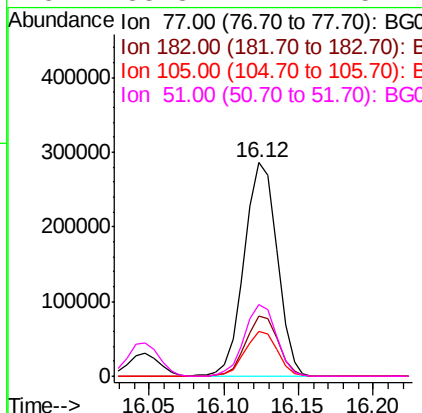
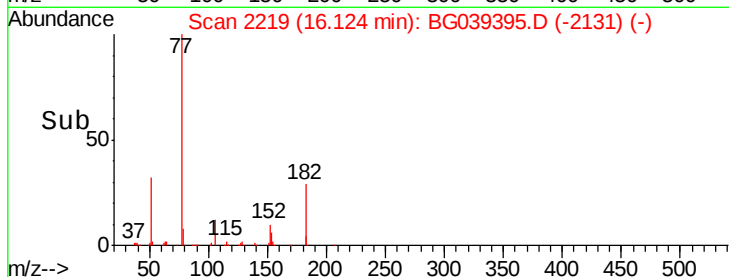
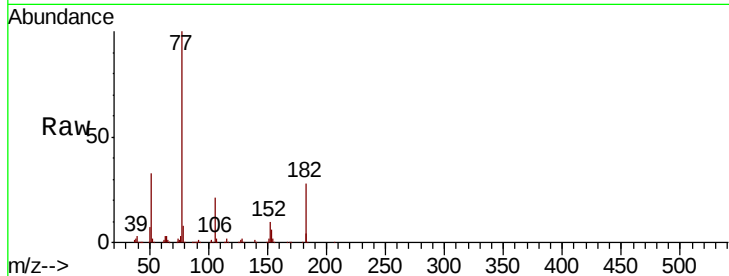
#63
Azobenzene
Concen: 37.090 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	6.4	46.4
105	20.7	0.0	39.8
51	33.3	14.1	54.1

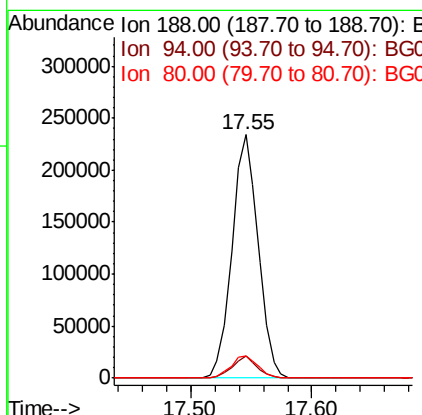
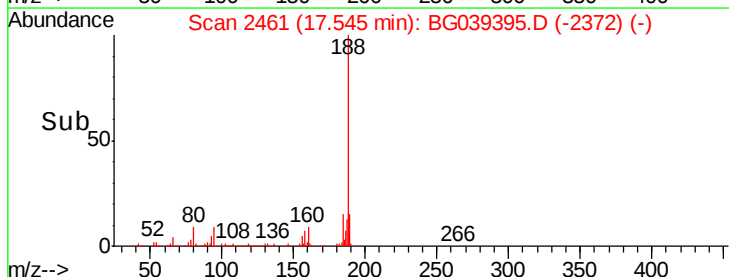
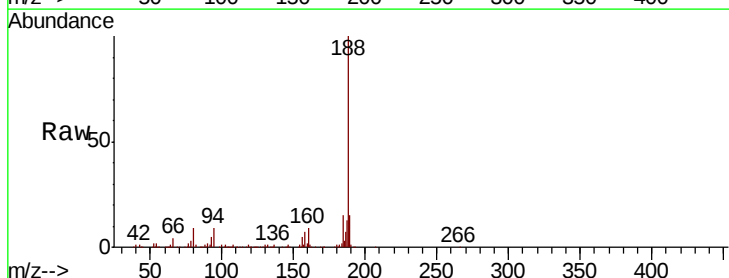
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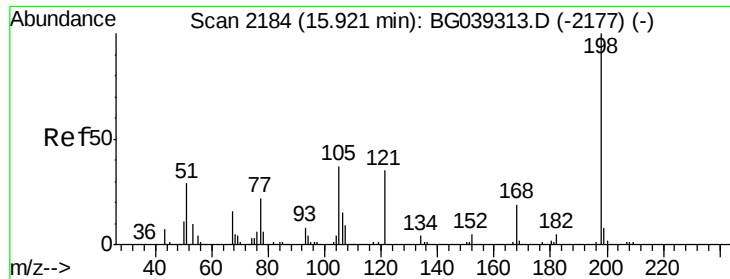
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	8.9	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 49.067 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

ClientSampleId :

PB116922BS

Tot Ion:198 Resp: 68735

Ion Ratio Lower Upper

198 100

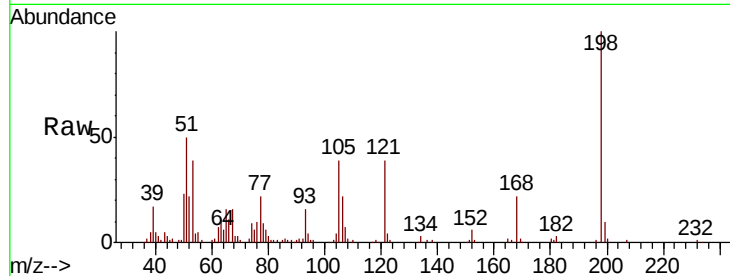
51 49.6 27.4 67.4

105 39.3 19.7 59.7

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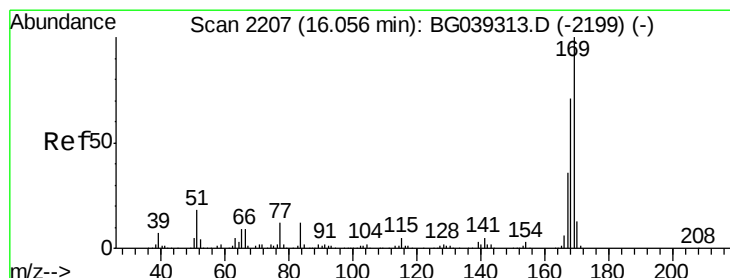
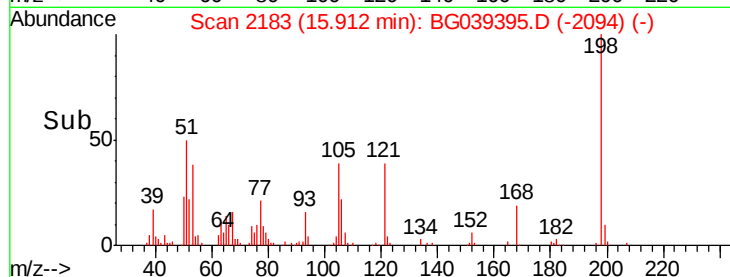
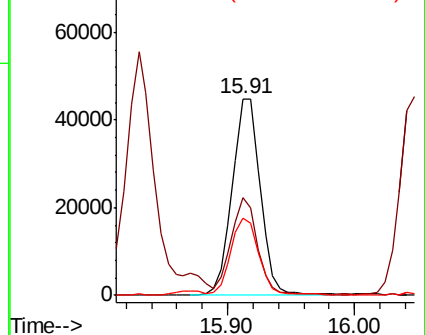
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.932 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

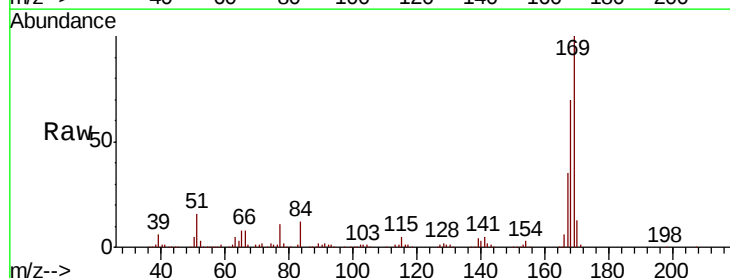
Tgt Ion:169 Resp: 417155

Ion Ratio Lower Upper

169 100

168 69.9 56.6 85.0

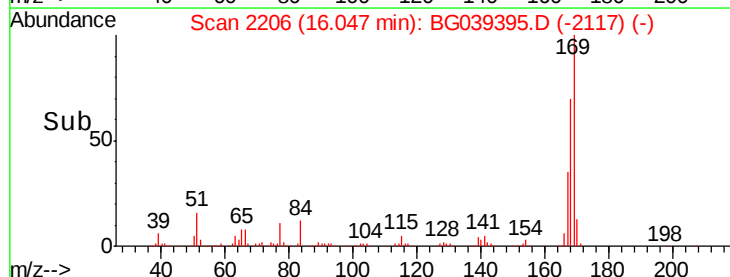
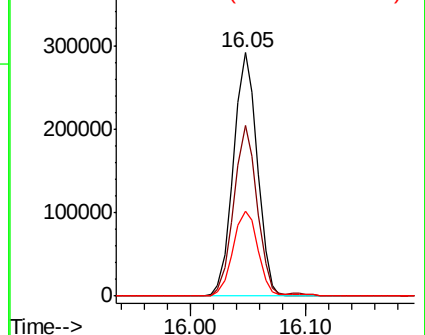
167 35.0 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.495 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

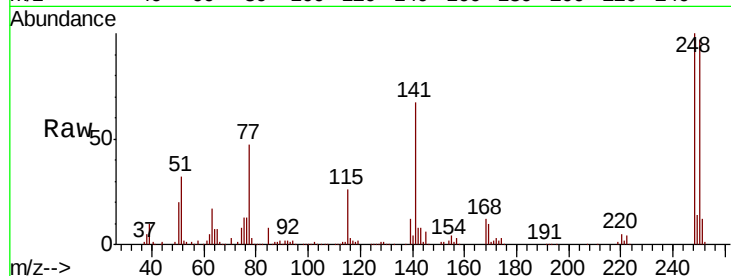
ClientSampleId :

PB116922BS

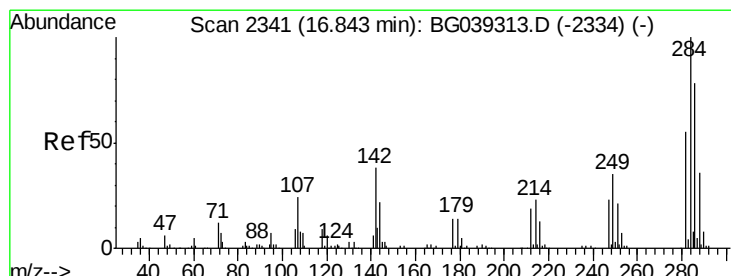
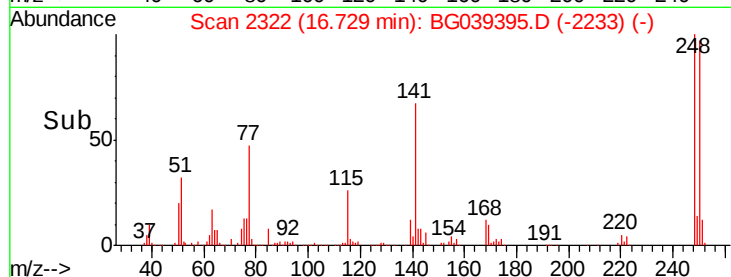
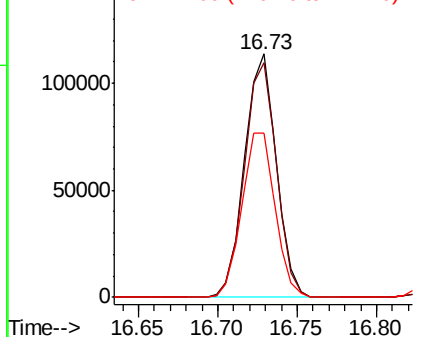
Tot Ion:	248	Resp:	158312
Ion Ratio	Lower	Upper	
248	100		
250	96.5	77.6	116.4
141	67.3	63.9	95.9

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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: 41.129 ng

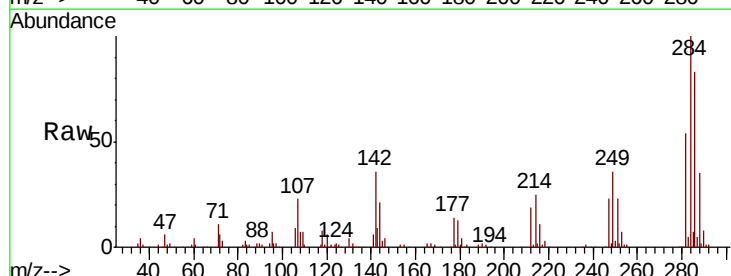
RT: 16.83 min Scan# 2340

Delta R.T. -0.01 min

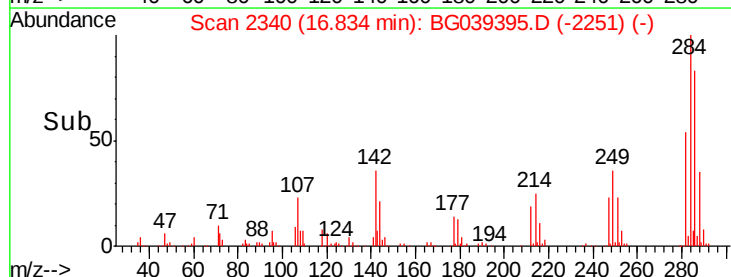
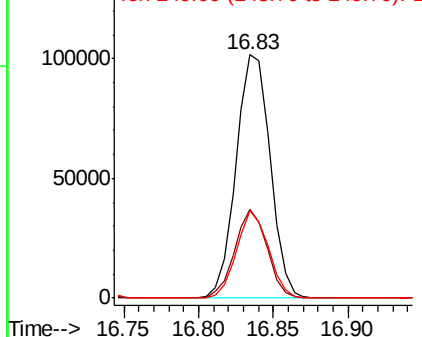
Lab File: BG039395.D

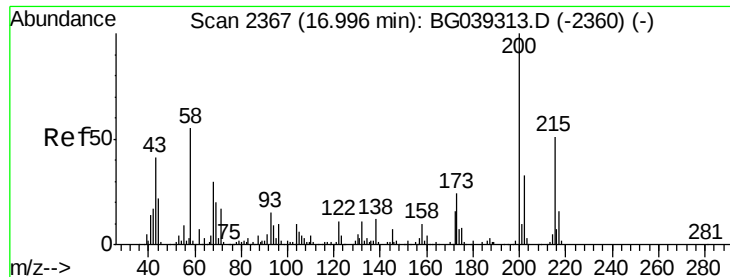
Acq: 7 Feb 2019 23:34

Tgt Ion:	284	Resp:	161318
Ion Ratio	Lower	Upper	
284	100		
142	36.3	30.6	45.8
249	36.1	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





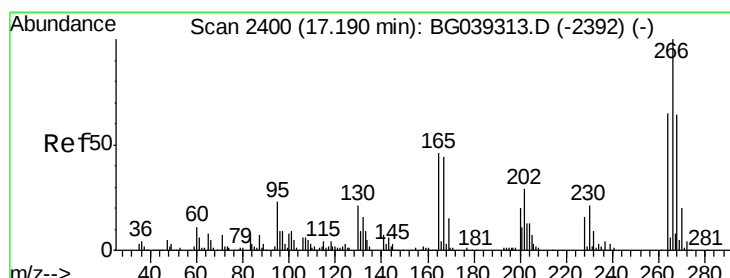
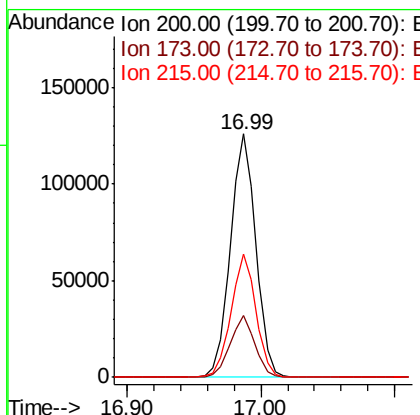
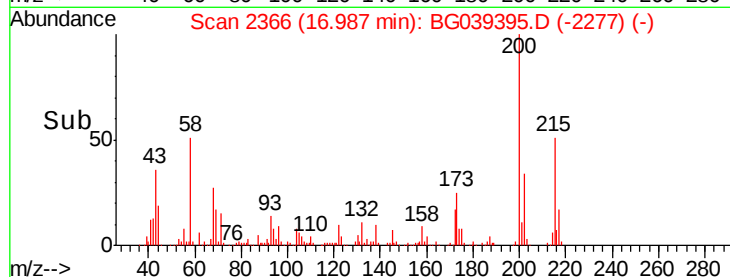
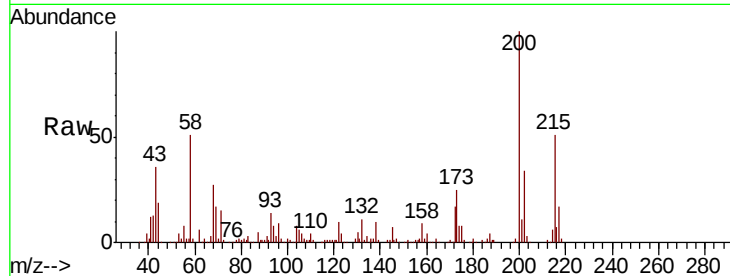
#69
Atrazine
Concen: 42.666 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.5	3.9	43.9
215	50.8	30.9	70.9

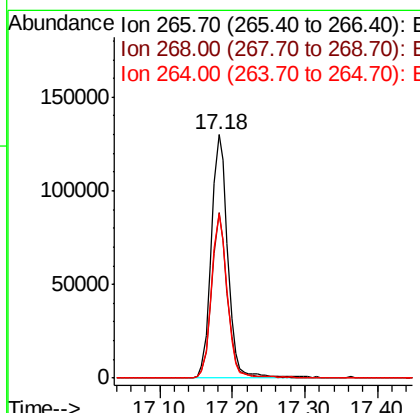
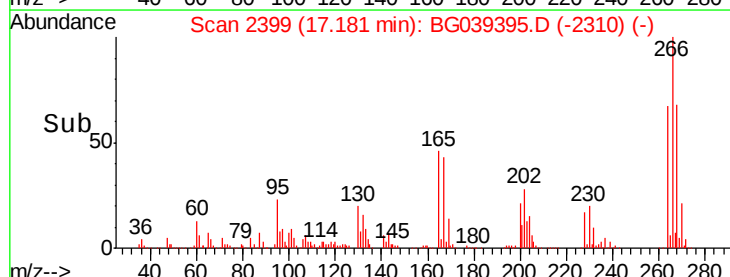
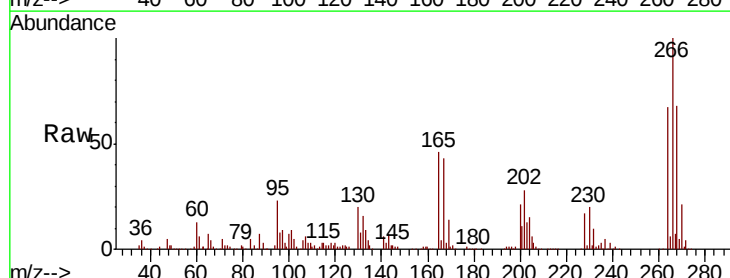
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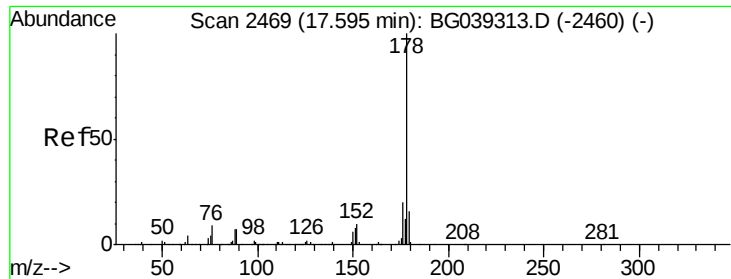
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#70
Pentachlorophenol
Concen: 75.965 ng
RT: 17.18 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.8	51.1	76.7
264	67.3	52.1	78.1





#71

Phenanthrene

Concen: 42.314 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

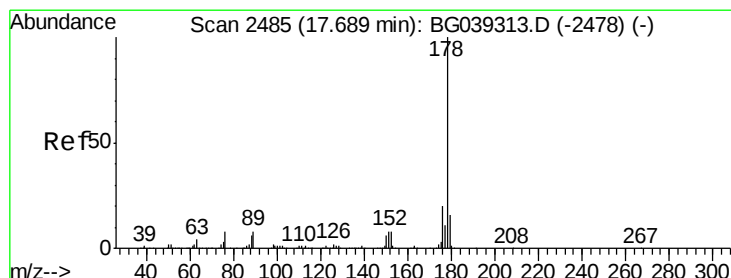
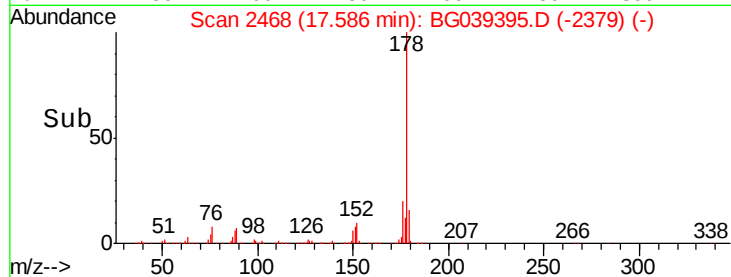
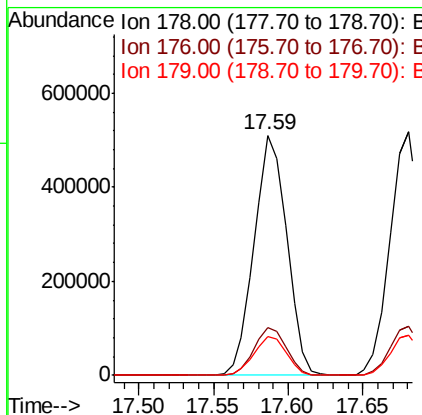
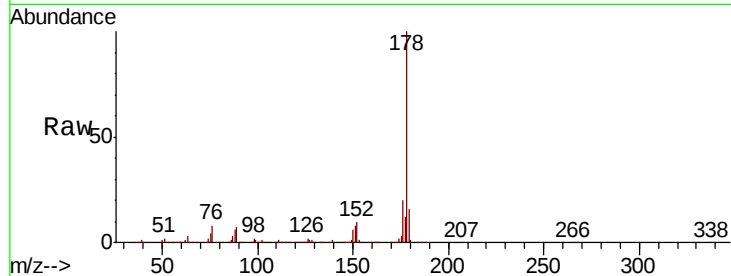
ClientSampleId :

PB116922BS

Tot Ion:	178	Resp:	771747
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.2	24.4
179	16.4	12.6	19.0

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#72

Anthracene

Concen: 43.294 ng

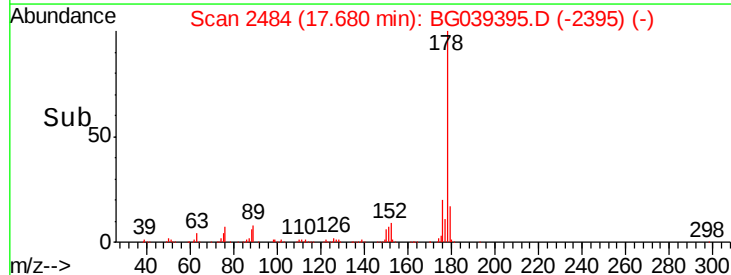
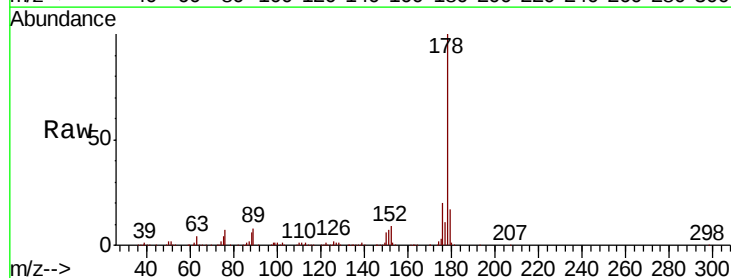
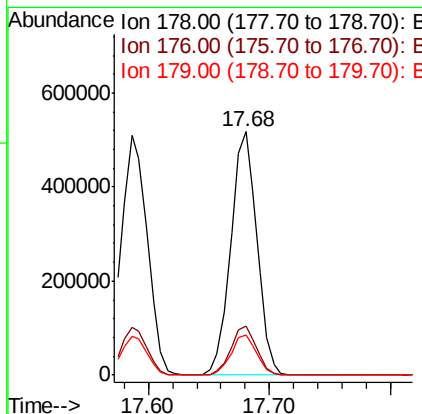
RT: 17.68 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tgt Ion:	178	Resp:	777783
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.8	23.6
179	16.7	12.5	18.7





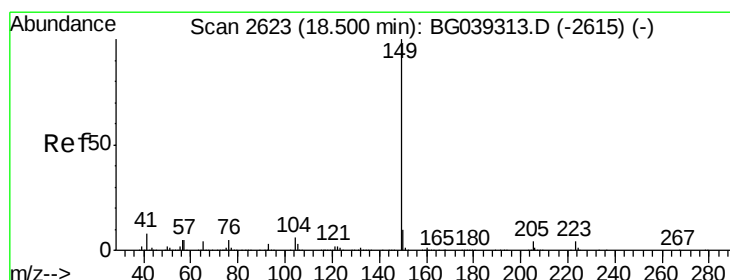
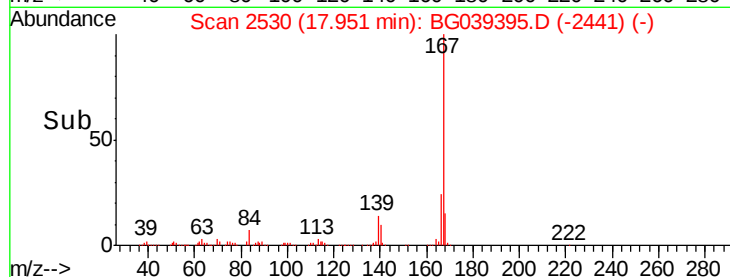
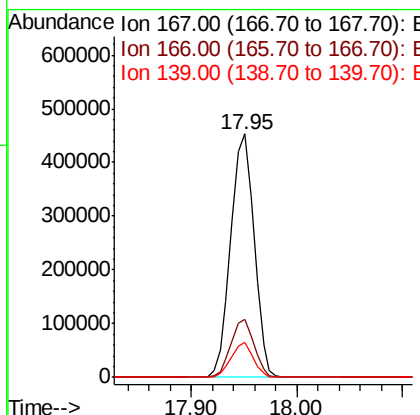
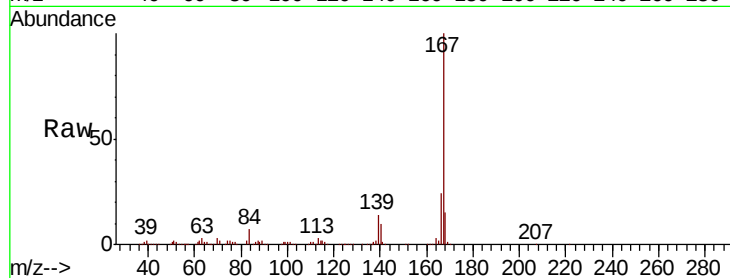
#73
 Carbazole
 Concen: 38.675 ng
 RT: 17.95 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Instrument :
 BNA_G
 ClientSampleId :
 PB116922BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	14.1	10.8	16.2

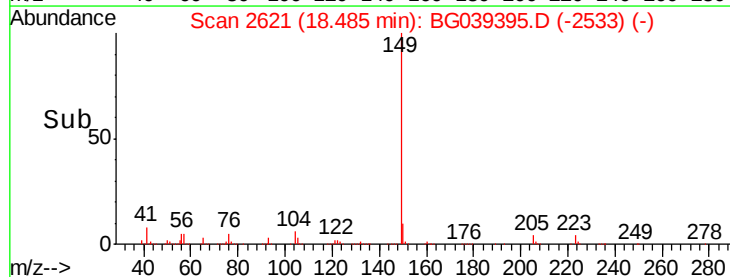
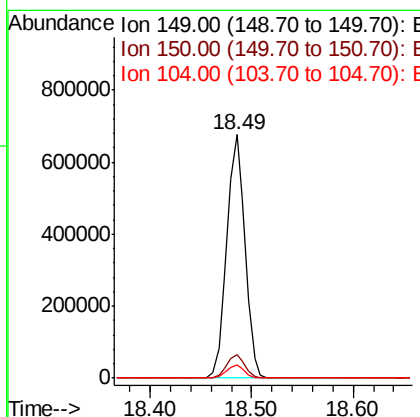
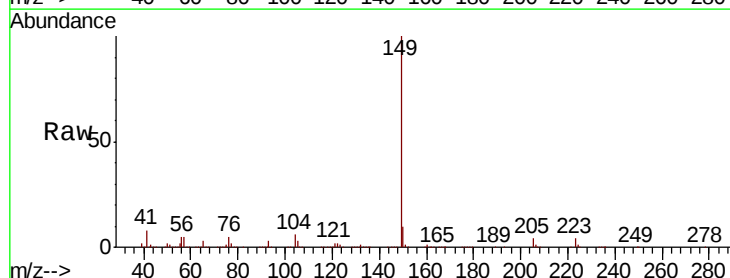
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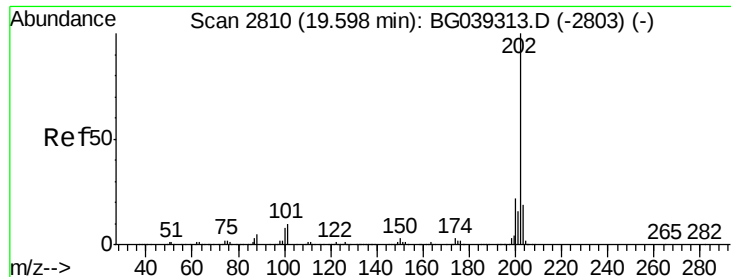
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#74
 Di-n-butylphthalate
 Concen: 40.259 ng
 RT: 18.49 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 44.805 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

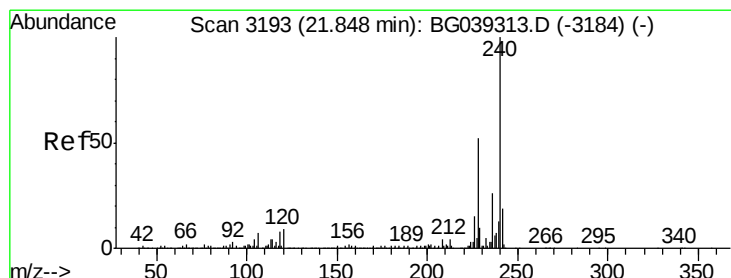
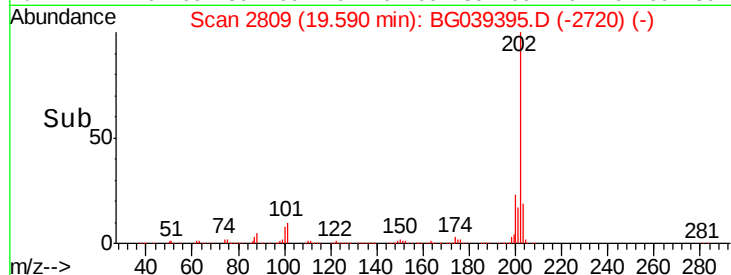
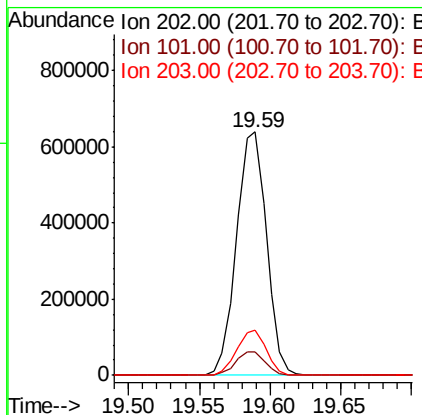
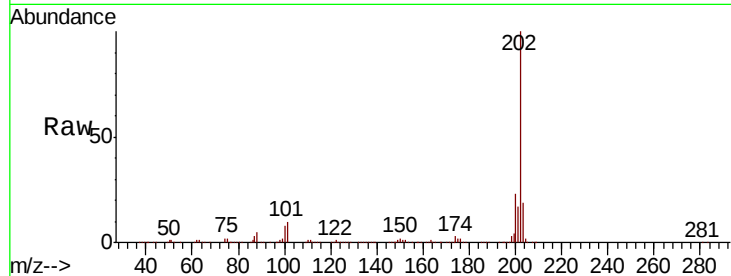
ClientSampleId :

PB116922BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	30.0
203	18.6	0.0	38.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

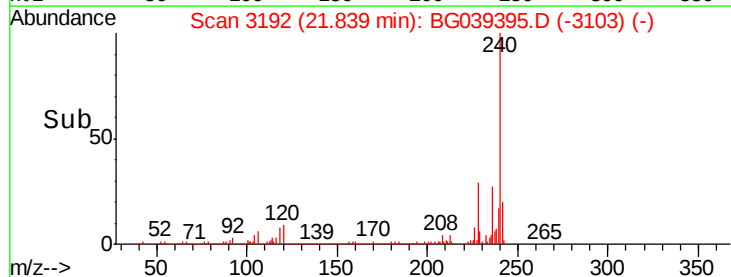
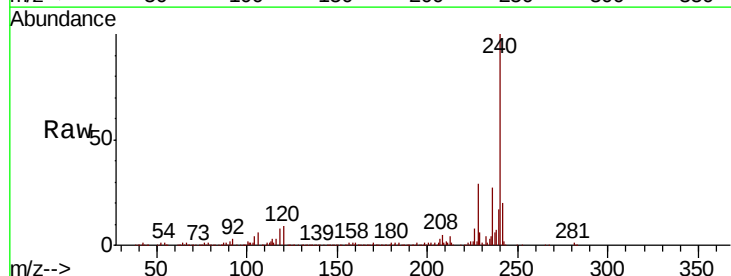
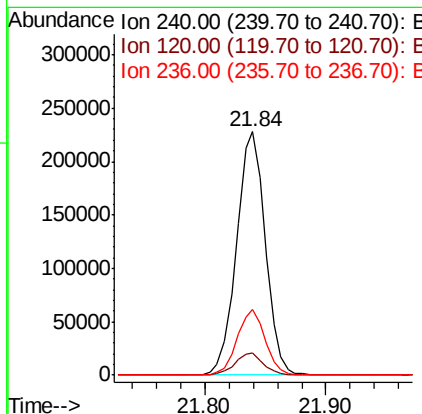
RT: 21.84 min Scan# 3192

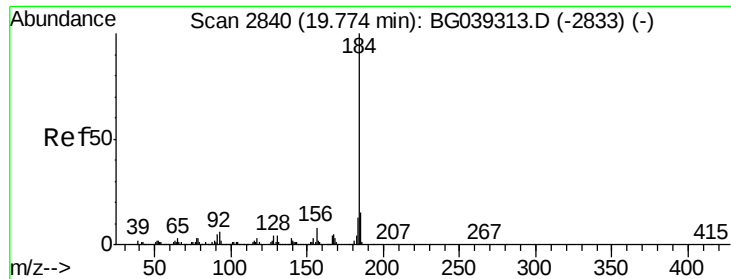
Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.1	7.0	10.6
236	27.1	21.0	31.4





#77

Benzidine

Concen: 29.844 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

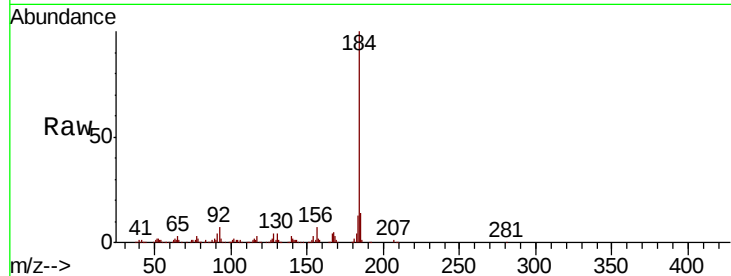
ClientSampleId :

PB116922BS

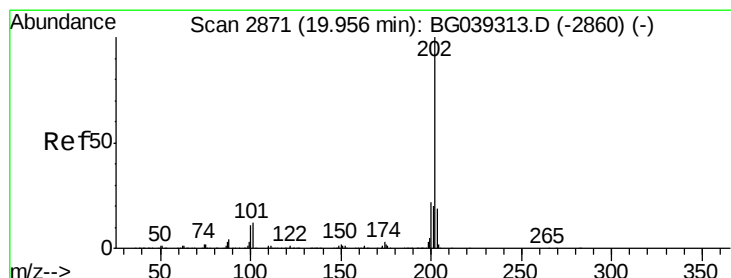
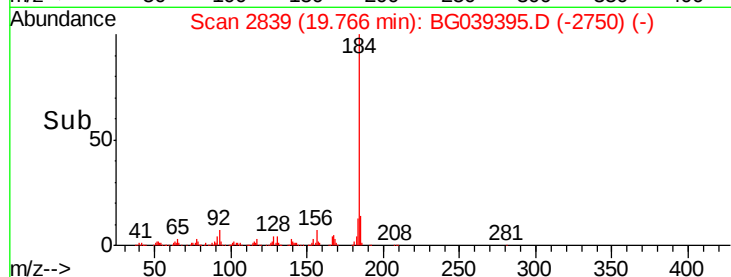
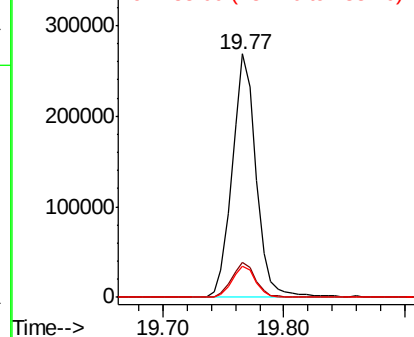
Tot Ion:	184	Resp:	370260
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.2
183	13.0	10.6	15.8

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



#78

Pyrene

Concen: 40.602 ng

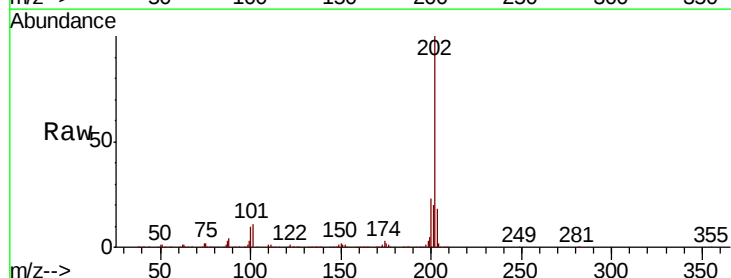
RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

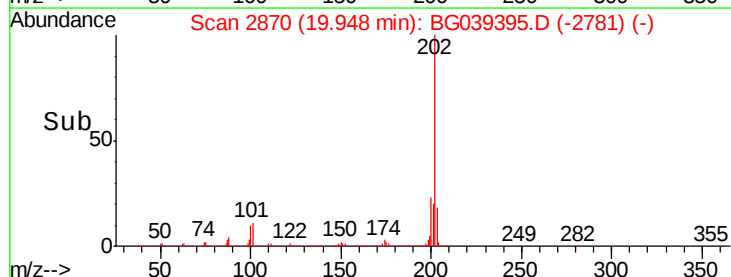
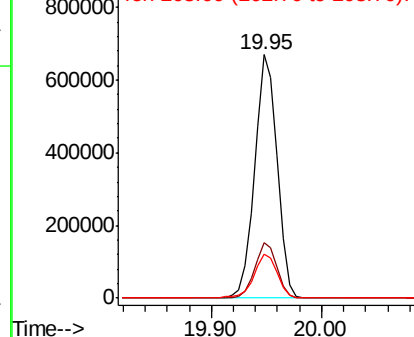
Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tgt Ion:	202	Resp:	956478
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.8
203	18.0	15.3	22.9



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





#79

Terphenyl-d14

Concen: 78.745 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

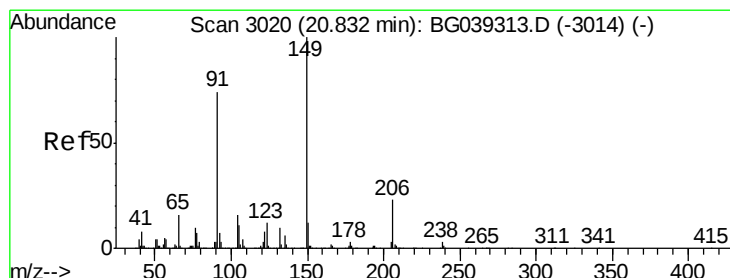
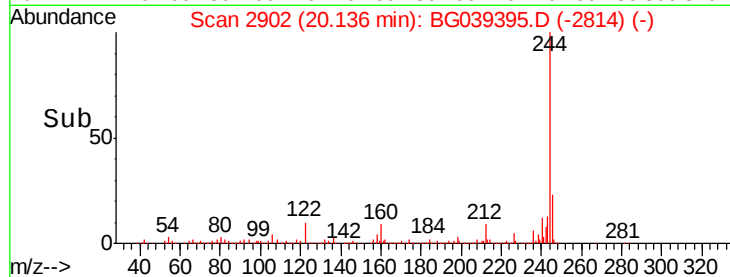
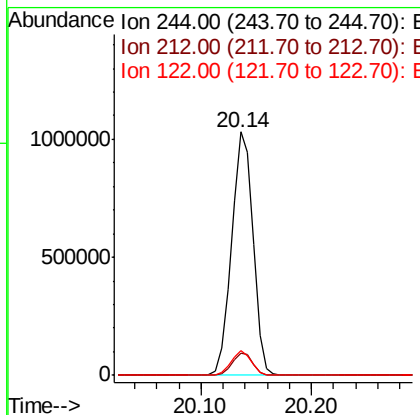
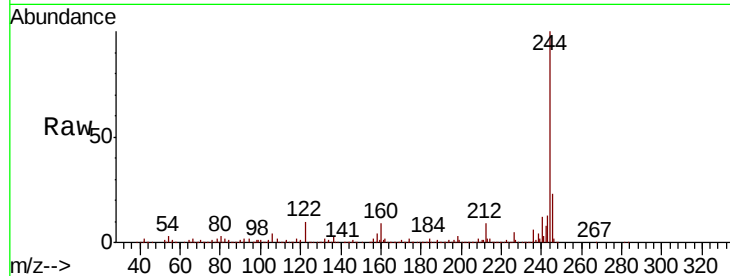
ClientSampled :

PB116922BS

Tot Ion:	244	Resp:	1407784
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.3	8.4	12.6

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#80

Butylbenzylphthalate

Concen: 40.229 ng

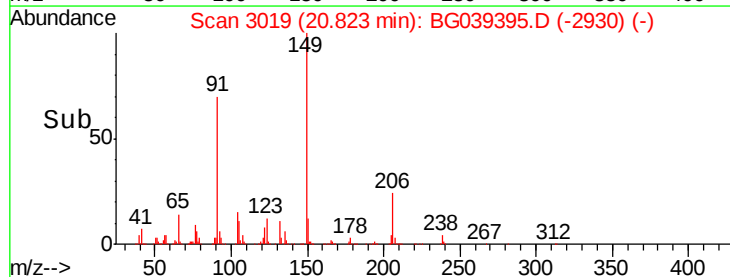
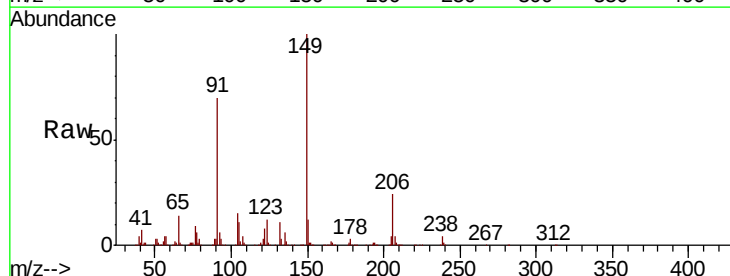
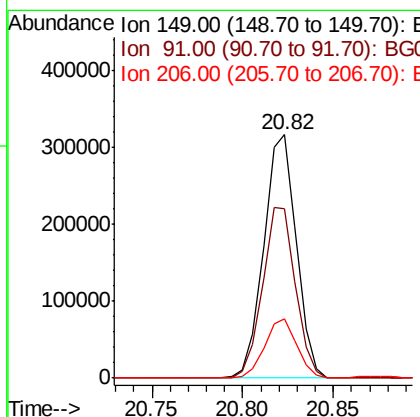
RT: 20.82 min Scan# 3019

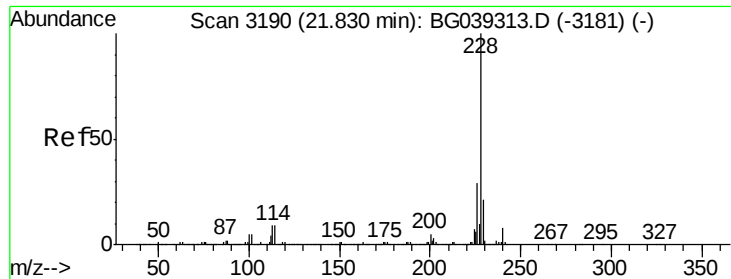
Delta R.T. -0.01 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tgt Ion:	149	Resp:	399771
Ion	Ratio	Lower	Upper
149	100		
91	69.6	59.5	89.3
206	24.5	18.6	27.8





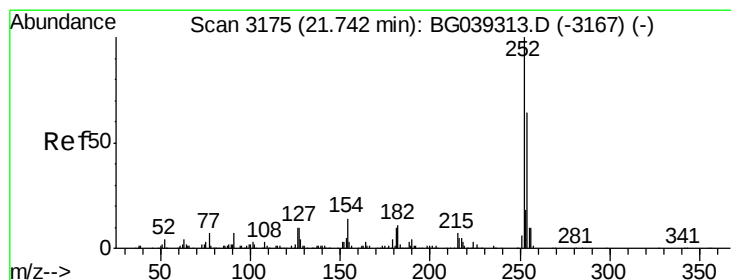
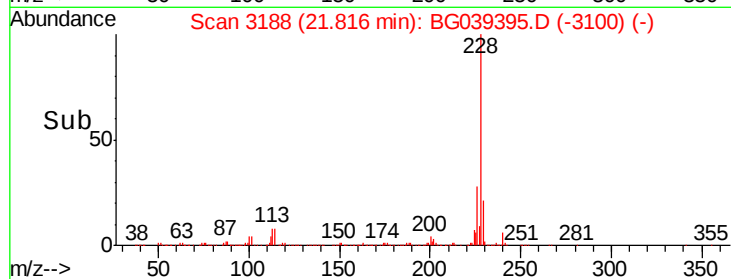
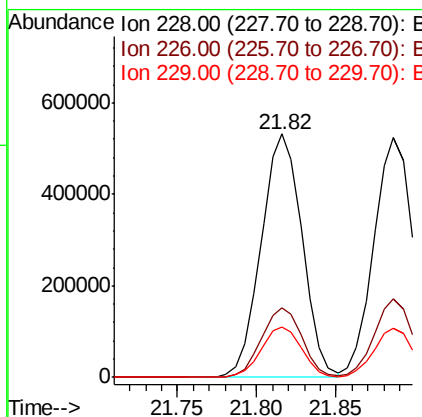
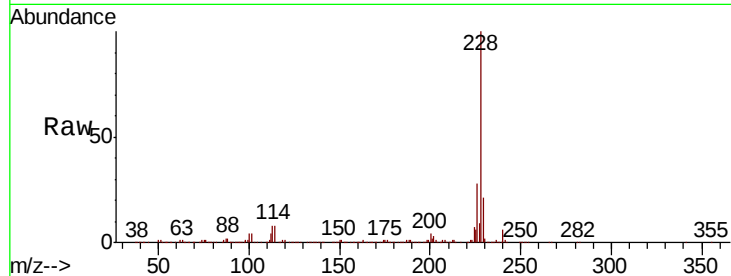
#81
Benzo(a)anthracene
Concen: 42.797 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	20.6	16.9	25.3

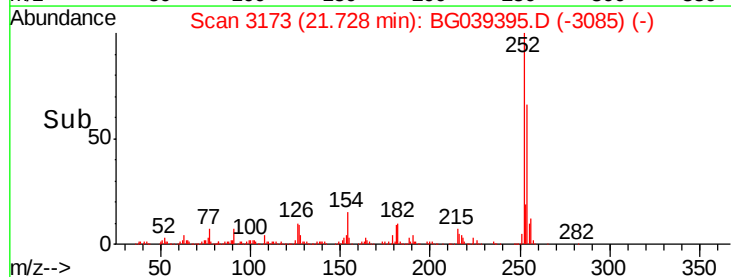
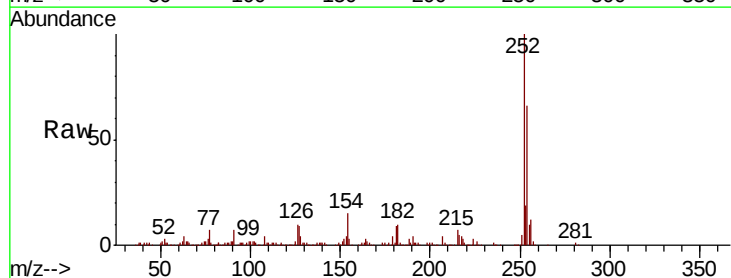
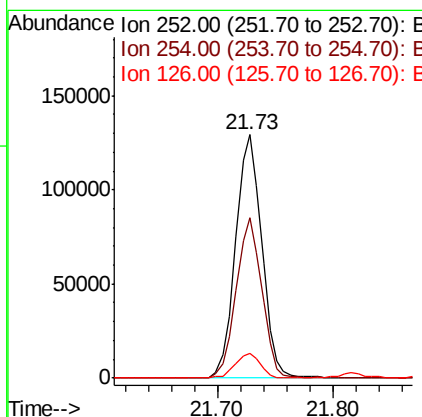
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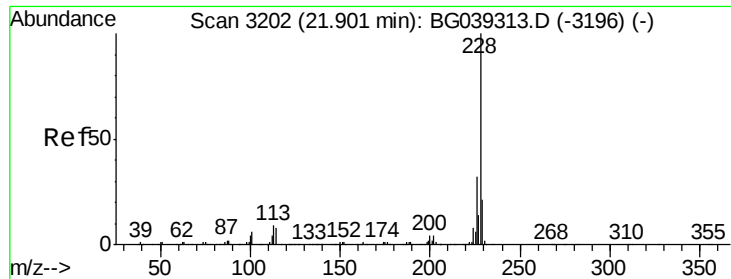
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#82
3,3'-Dichlorobenzidine
Concen: 24.518 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.3	76.9
126	10.4	8.0	12.0





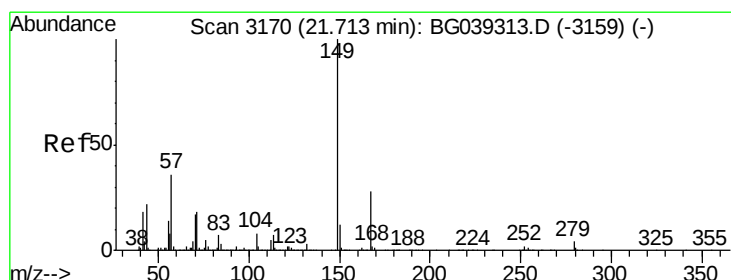
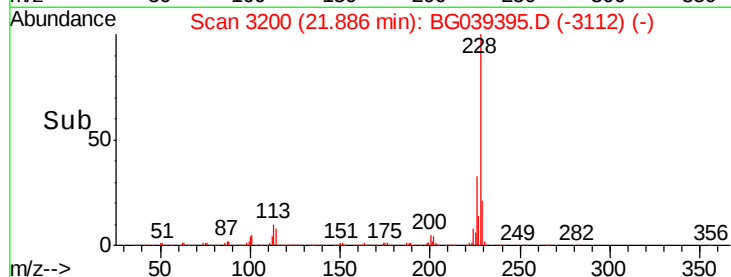
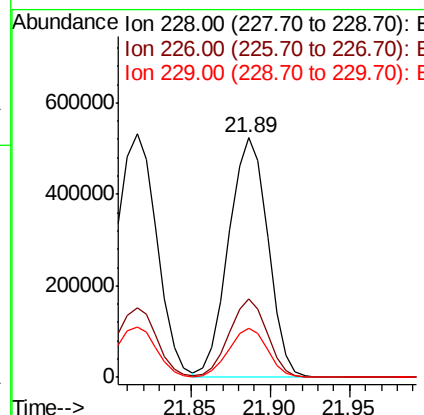
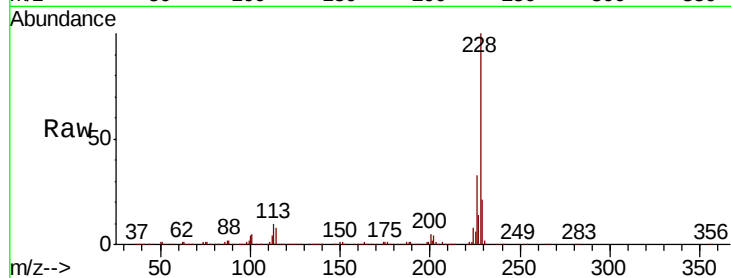
#83
 Chrvsene
 Concen: 42.053 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Instrument :
 BNA_G
 ClientSampleId :
 PB116922BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	895128		
226	32.6		25.8	38.6
229	20.7		16.6	25.0

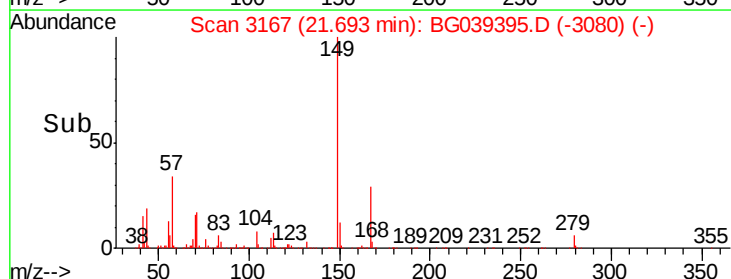
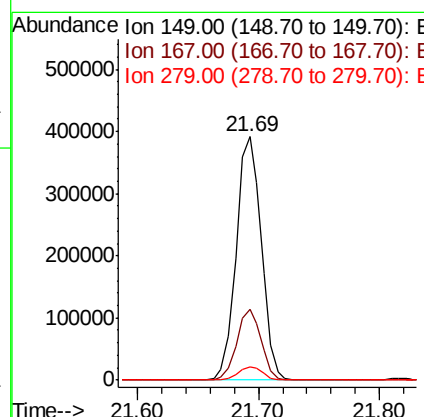
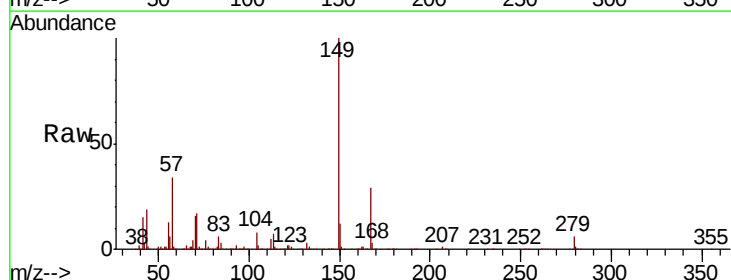
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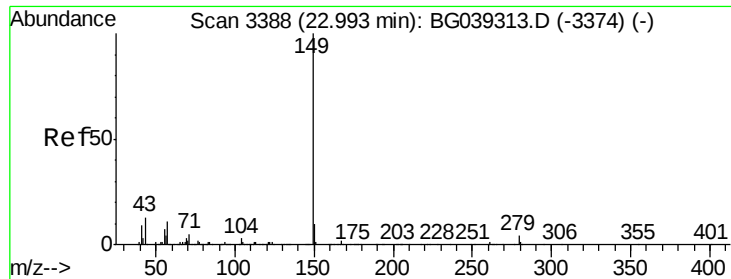
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.858 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG039395.D
 Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	565074		
167	29.0		22.6	34.0
279	5.6		3.5	5.3#





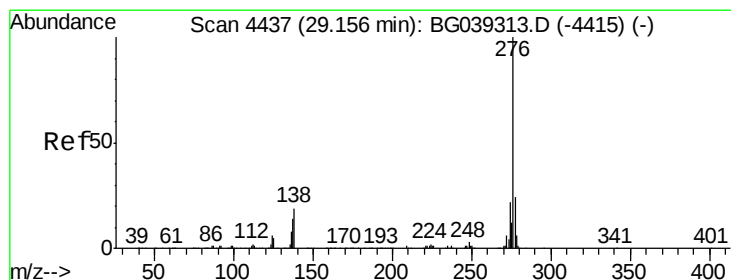
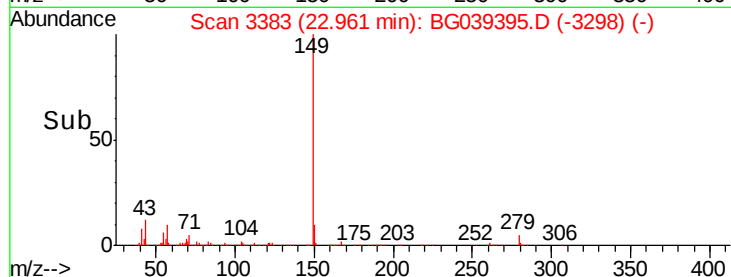
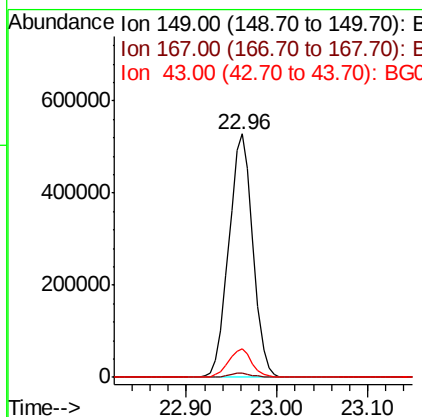
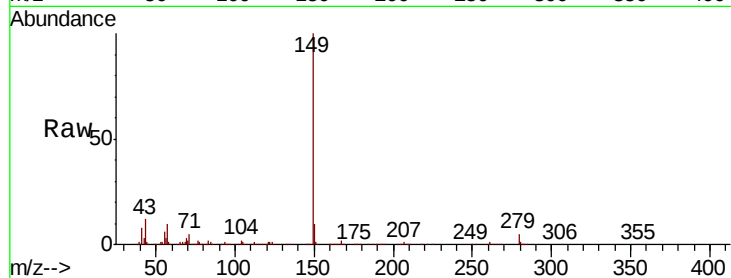
#85
Di-n-octyl phthalate
Concen: 41.395 ng
RT: 22.96 min Scan# 3383
Delta R.T. -0.03 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	969546		
167	1.6		1.3	1.9
43	11.3		10.2	15.4

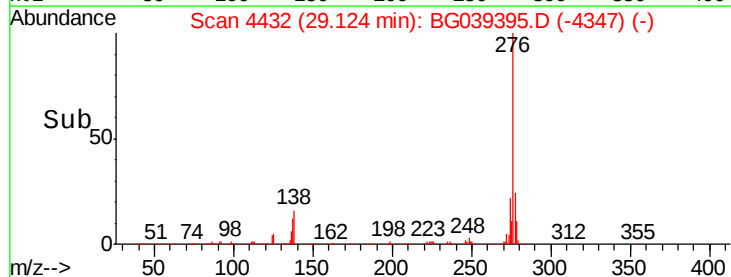
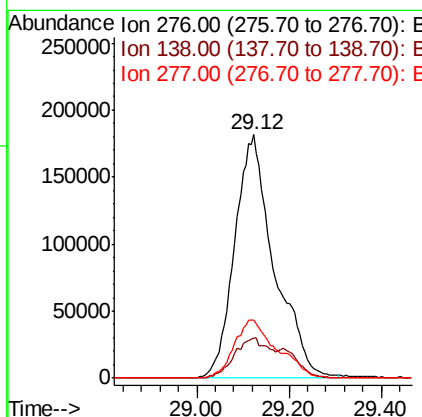
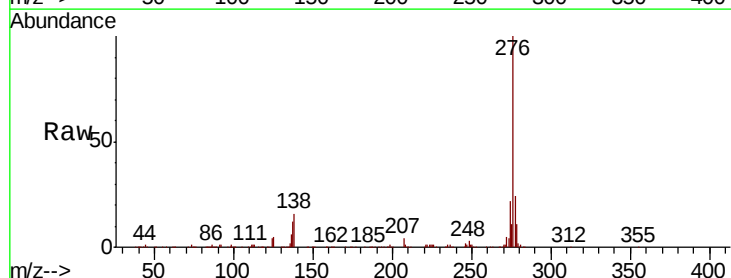
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.270 ng
RT: 29.12 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1079536		
138	14.7		12.6	19.0
277	26.0		20.8	31.2





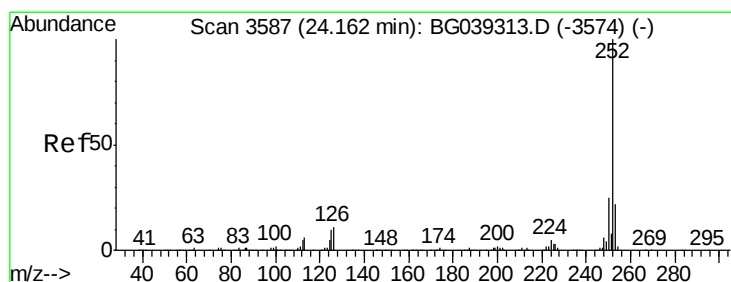
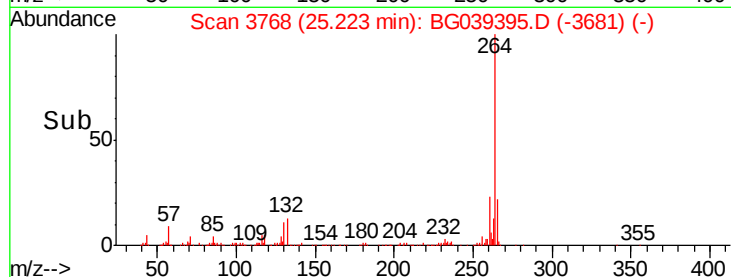
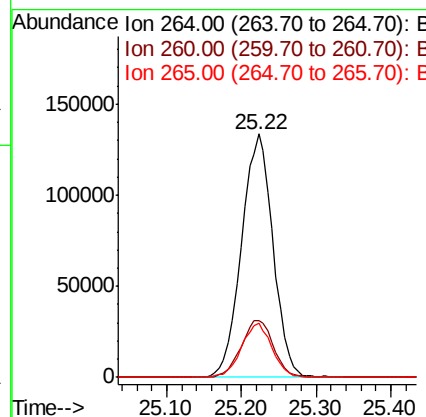
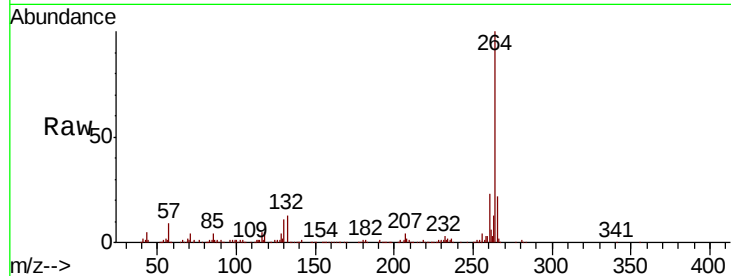
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion:	264	Resp:	390311
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.2	27.4
265	22.3	18.5	27.7

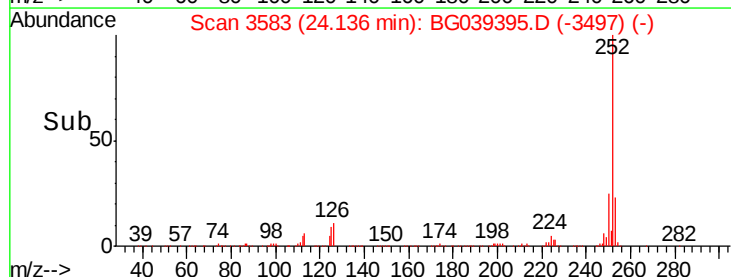
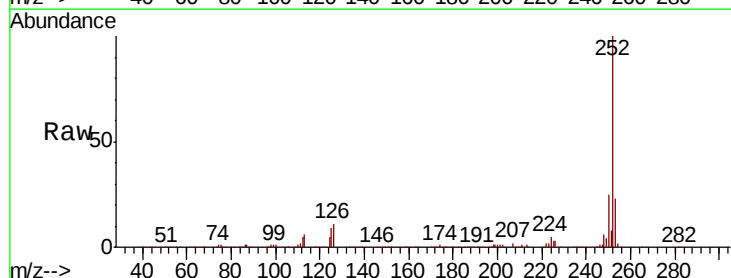
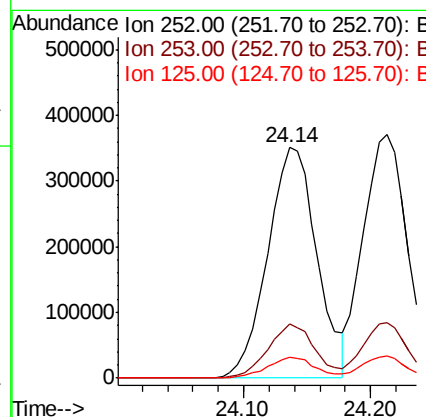
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#88
Benzo(b)fluoranthene
Concen: 44.559 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.03 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion:	252	Resp:	948472
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.8
125	9.0	7.8	11.6





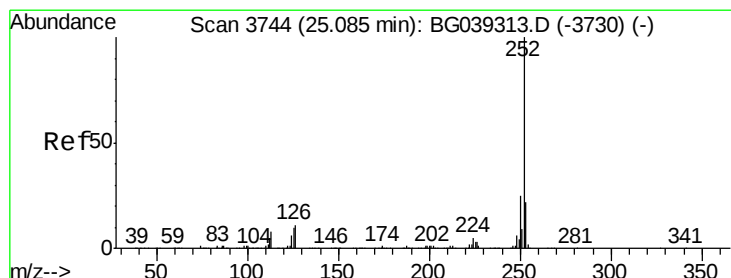
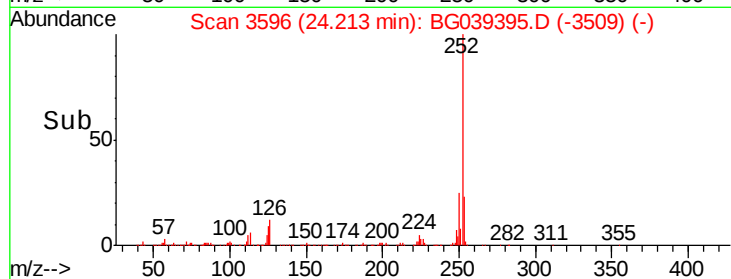
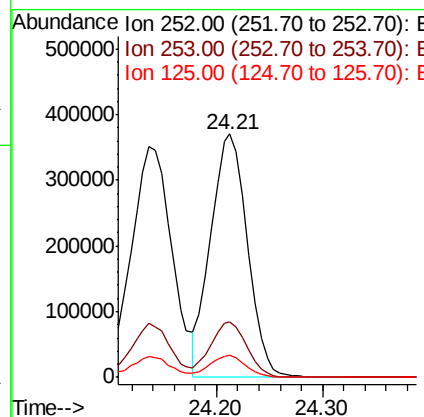
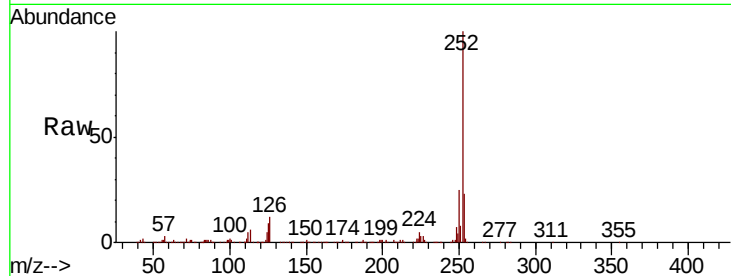
#89
Benzo(k)fluoranthene
Concen: 41.778 ng
RT: 24.21 min Scan# 3596
Delta R.T. -0.02 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Instrument :
BNA_G
ClientSampleId :
PB116922BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.3	7.4	11.2

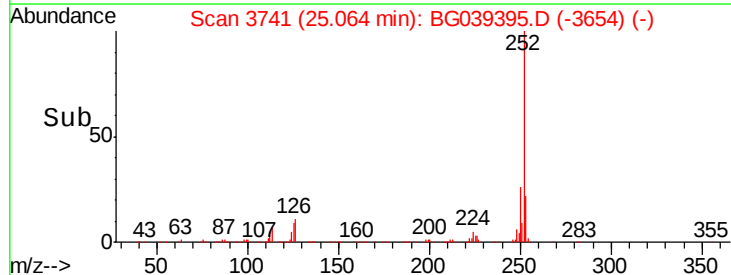
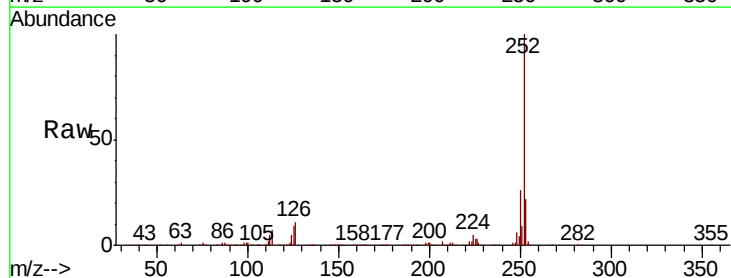
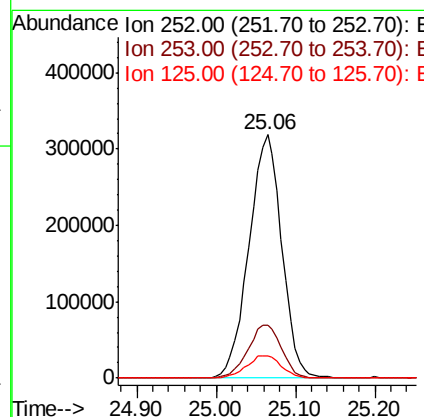
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#90
Benzo(a)pyrene
Concen: 44.741 ng
RT: 25.06 min Scan# 3741
Delta R.T. -0.02 min
Lab File: BG039395.D
Acq: 7 Feb 2019 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.0	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.349 ng

RT: 29.19 min Scan# 4444

Delta R.T. -0.04 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Instrument :

BNA_G

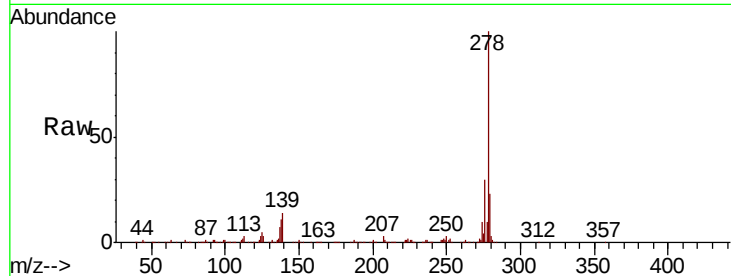
ClientSampleId :

PB116922BS

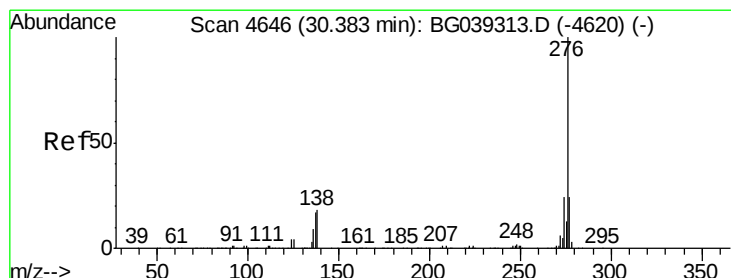
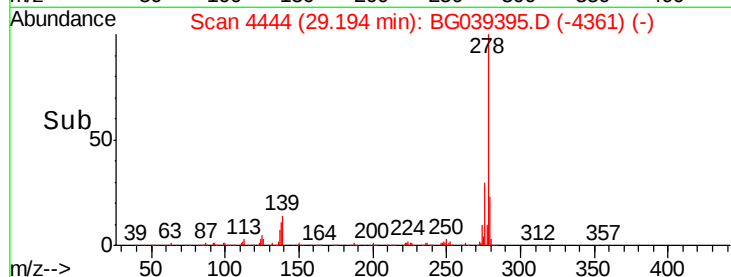
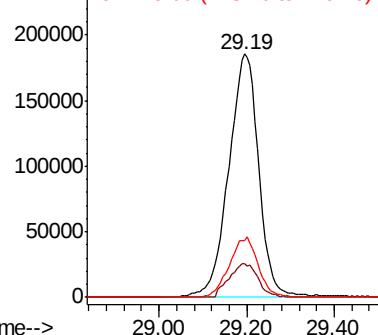
Tot Ion:	278	Resp:	870615
Ion Ratio	Lower	Upper	
278	100		
139	13.9	11.7	17.5
279	23.4	19.1	28.7

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.457 ng

RT: 30.35 min Scan# 4641

Delta R.T. -0.03 min

Lab File: BG039395.D

Acq: 7 Feb 2019 23:34

Tgt Ion:	276	Resp:	888970
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.6	29.4
138	18.2	14.7	22.1

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

