

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039056.D
 Acq On : 10 Jan 2019 17:22
 Operator : JU/SJ
 Sample : PB116291BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116291BSD

Manual Integrations
 APPROVED

Sohil
 1/11/2019 4:44:29 PM

Quant Time: Jan 11 05:23:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20409	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	102526	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	82269	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	215303	20.00	ng	0.00
76) Chrysene-d12	21.70	240	184555	20.00	ng	0.00
87) Perylene-d12	24.97	264	170813	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	160124	148.83	ng	0.00
7) Phenol-d6	7.19	99	231087	149.25	ng	0.00
23) Nitrobenzene-d5	9.20	82	119337	63.69	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	161845	117.36	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	363547	60.48	ng	0.00
79) Terphenyl-d14	20.02	244	695575	69.72	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.45	88	18829	44.691 ng	94
3) Pyridine	3.86	79	35839	31.306 ng	98
4) n-Nitrosodimethylamine	3.78	42	23593	45.798 ng	95
6) Aniline	7.35	93	72561	39.022 ng	99
8) 2-Chlorophenol	7.59	128	69460	54.770 ng	98
9) Benzaldehyde	7.17	77	7801	8.737 ng	99
10) Phenol	7.22	94	89688	57.777 ng	98
11) bis(2-Chloroethyl)ether	7.45	93	53423	45.029 ng	97
12) 1,3-Dichlorobenzene	7.91	146	60919	40.092 ng	98
13) 1,4-Dichlorobenzene	8.06	146	62077	40.339 ng	96
14) 1,2-Dichlorobenzene	8.38	146	61225	41.727 ng	97
15) Benzyl Alcohol	8.27	79	65039	55.780 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	105741	46.480 ng	98
17) 2-Methylphenol	8.47	107	62423	57.913 ng	96
18) Hexachloroethane	9.10	117	21545	41.210 ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	49981	49.158 ng	93
20) 3+4-Methylphenols	8.80	107	88382	57.511 ng	99
22) Acetophenone	8.86	105	101820	38.028 ng	99
24) Nitrobenzene	9.25	77	77157	40.741 ng	98
25) Isophorone	9.76	82	151184	46.843 ng	99
26) 2-Nitrophenol	9.96	139	44694	43.631 ng	95
27) 2,4-Dimethylphenol	10.01	122	74852	51.939 ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	85344	43.998 ng	99
29) 2,4-Dichlorophenol	10.49	162	89316	49.886 ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	83826	38.967 ng	99
31) Naphthalene	10.90	128	224439	43.647 ng	99
32) Benzoic acid	10.18	122	34994	41.157 ng	91
33) 4-Chloroaniline	11.01	127	71585	31.112 ng	98
34) Hexachlorobutadiene	11.15	225	54752	36.989 ng	98
35) Caprolactam	11.81	113	31383m	43.712 ng	
36) 4-Chloro-3-methylphenol	12.13	107	94851	49.532 ng	91
37) 2-Methylnaphthalene	12.50	142	186955	48.494 ng	99
38) 1-Methylnaphthalene	12.72	142	178099	48.129 ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	120196	38.902 ng	99

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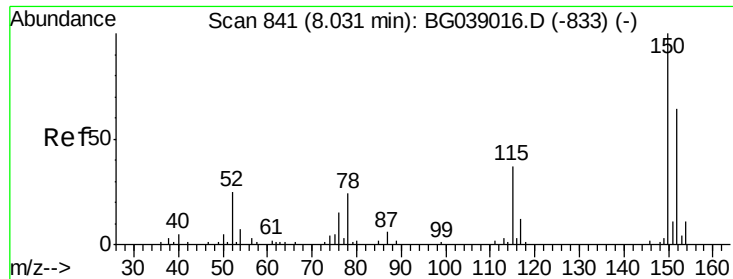
Manual Integrations
 APPROVED

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 1/11/2019 4:44:29 PM

Quant Time: Jan 11 05:23:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	119954	69.727	nq	98
43) 2,4,6-Trichlorophenol	13.11	196	85135	43.781	nq	97
44) 2,4,5-Trichlorophenol	13.19	196	92334	44.926	nq	95
46) 1,1'-Biphenyl	13.51	154	256552	39.356	nq	98
47) 2-Chloronaphthalene	13.55	162	208383	39.502	nq	99
48) 2-Nitroaniline	13.77	65	63742	43.131	nq	92
49) Acenaphthylene	14.40	152	349805	44.117	nq	99
50) Dimethylphthalate	14.12	163	294582	42.373	nq	100
51) 2,6-Dinitrotoluene	14.26	165	66850	43.009	nq	99
52) Acenaphthene	14.73	154	201285	42.252	nq	95
53) 3-Nitroaniline	14.59	138	50705	32.158	nq	99
54) 2,4-Dinitrophenol	14.80	184	82595	88.283	nq	96
55) Dibenzofuran	15.07	168	350977	41.715	nq	99
56) 4-Nitrophenol	14.90	139	95734	84.383	nq	97
57) 2,4-Dinitrotoluene	15.04	165	97935	43.918	nq	97
58) Fluorene	15.72	166	286673	45.266	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	93187	48.032	nq	98
60) Diethylphthalate	15.47	149	307147	42.881	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	164569	41.246	nq	97
62) 4-Nitroaniline	15.76	138	67756	41.250	nq	94
63) Azobenzene	16.00	77	236698	42.256	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	62729	39.326	nq	97
66) n-Nitrosodiphenylamine	15.93	169	266763	41.795	nq	97
67) 4-Bromophenyl-phenylether	16.60	248	114973	41.542	nq	96
68) Hexachlorobenzene	16.71	284	122447	40.545	nq	99
69) Atrazine	16.87	200	106255	39.187	nq	96
70) Pentachlorophenol	17.07	266	124251	67.562	nq	97
71) Phenanthrene	17.47	178	492534	43.280	nq	99
72) Anthracene	17.55	178	501218	44.545	nq	99
73) Carbazole	17.83	167	416608	37.506	nq	99
74) Di-n-butylphthalate	18.36	149	499619	40.432	nq	99
75) Fluoranthene	19.47	202	558005	39.553	nq	99
77) Benzidine	19.66	184	190123	33.681	nq	99
78) Pyrene	19.83	202	535102	45.496	nq	99
80) Butylbenzylphthalate	20.70	149	189520	42.367	nq	97
81) Benzo(a)anthracene	21.68	228	497356	44.269	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	151208	33.032	nq	98
83) Chrysene	21.74	228	464668	43.487	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	263076	42.355	nq	97
85) Di-n-octyl phthalate	22.76	149	458496	43.655	nq	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	581255	45.525	nq	100
88) Benzo(b)fluoranthene	23.93	252	509572	54.103	nq	99
89) Benzo(k)fluoranthene	24.00	252	472998	50.792	nq	98
90) Benzo(a)pyrene	24.82	252	490024	53.826	nq	99
91) Dibenzo(a,h)anthracene	28.80	278	486372	53.711	nq	99
92) Benzo(g,h,i)perylene	29.93	276	478876	53.418	nq	97

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



#1

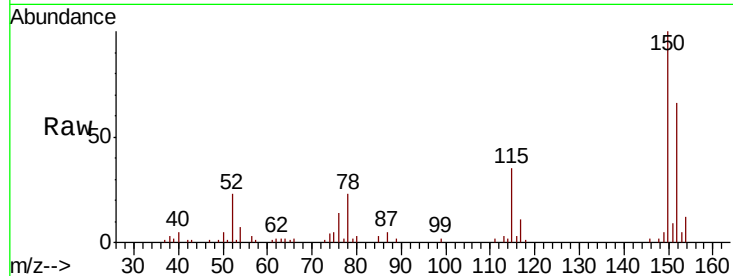
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.7	187.1
115	53.5	46.5	69.7

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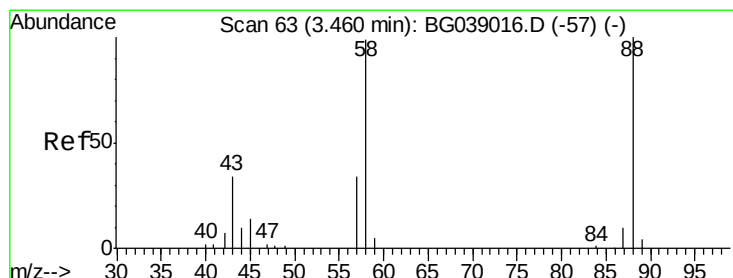
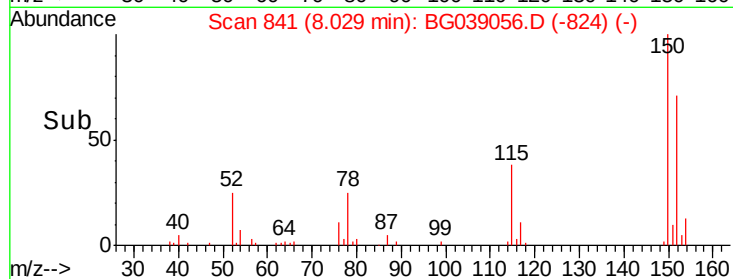
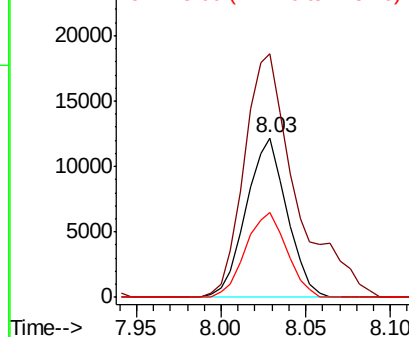


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

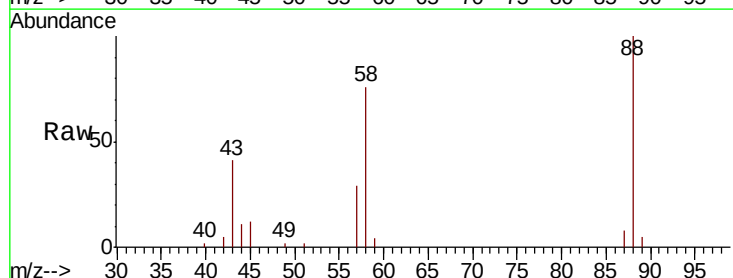
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.691 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	72.4	108.6
43	37.0	27.6	41.4

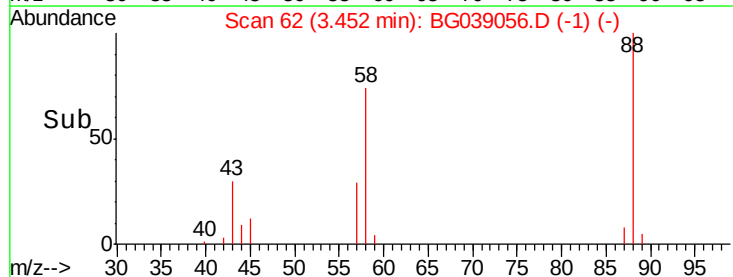
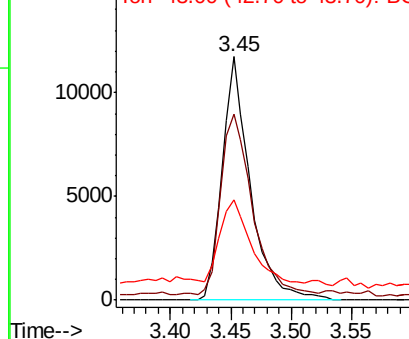


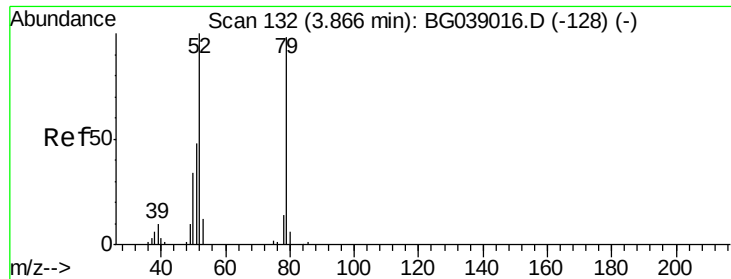
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.306 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

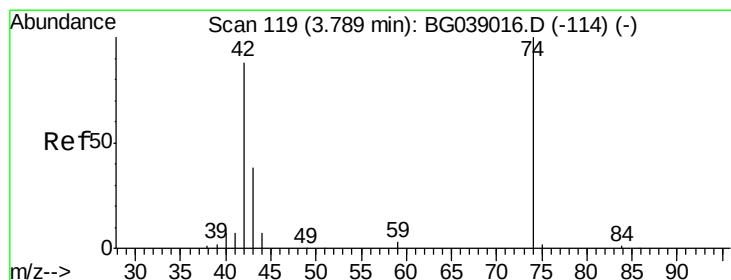
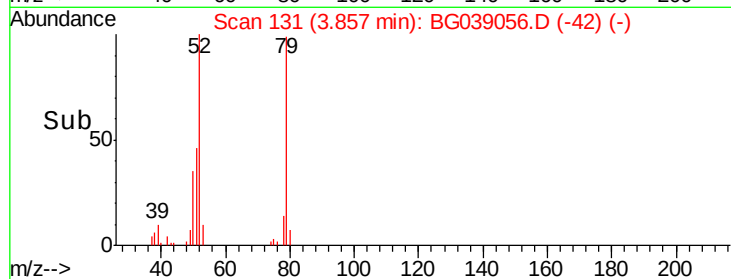
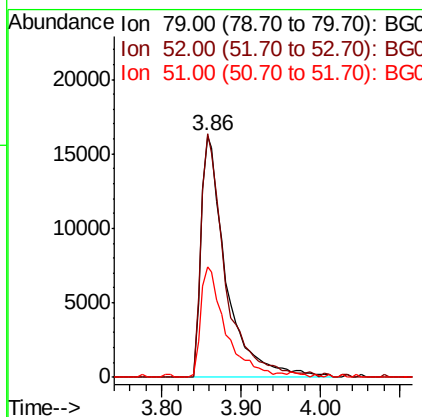
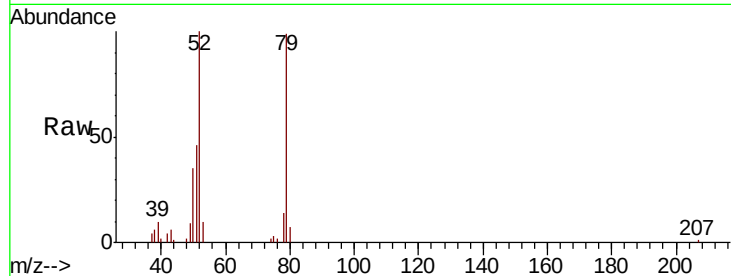
ClientSampleId :

PB116291BSD

Tot Ion:	79	Resp:	35839
Ion	Ratio	Lower	Upper
79	100		
52	100.9	81.5	122.3
51	46.0	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 45.798 ng

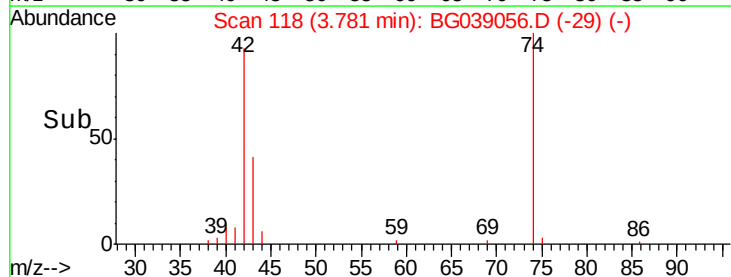
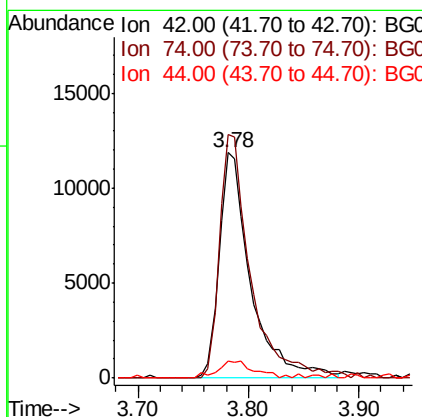
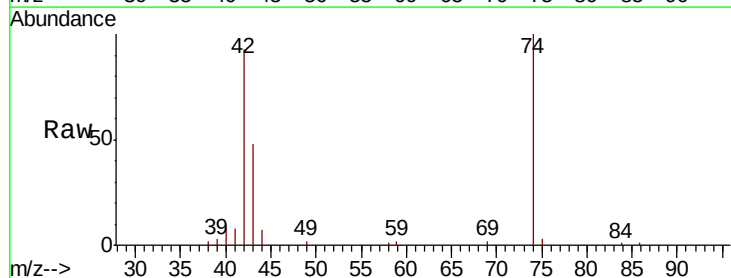
RT: 3.78 min Scan# 118

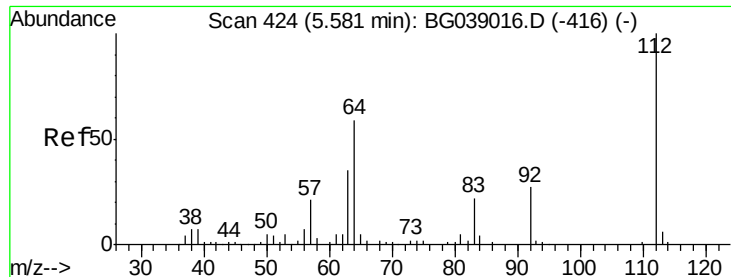
Delta R.T. -0.01 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Tgt Ion:	42	Resp:	23593
Ion	Ratio	Lower	Upper
42	100		
74	108.0	90.7	136.1
44	7.8	6.5	9.7





#5

2-Fluorophenol

Concen: 148.833 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

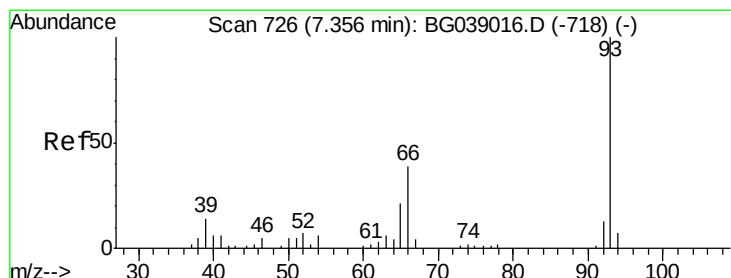
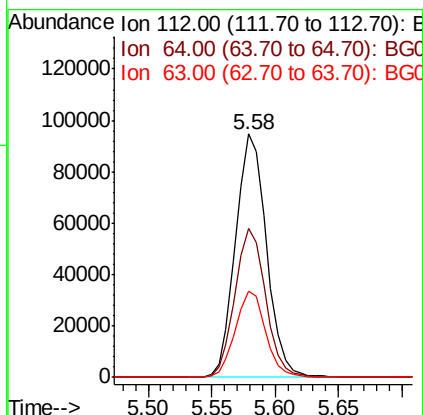
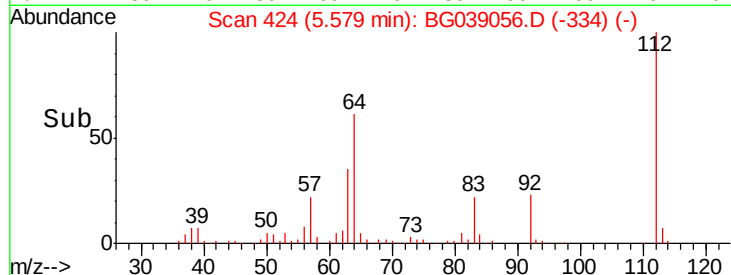
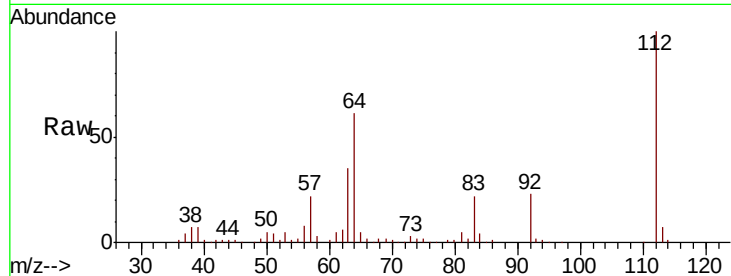
ClientSampleId :

PB116291BSD

Tot Ion:	112	Resp:	160124
Ion Ratio	Lower	Upper	
112	100		
64	61.2	47.0	70.6
63	35.1	28.0	42.0

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#6

Aniline

Concen: 39.022 ng

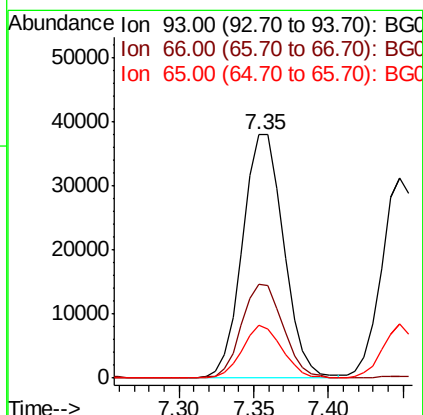
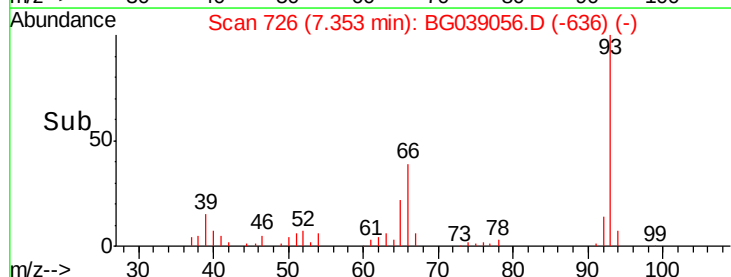
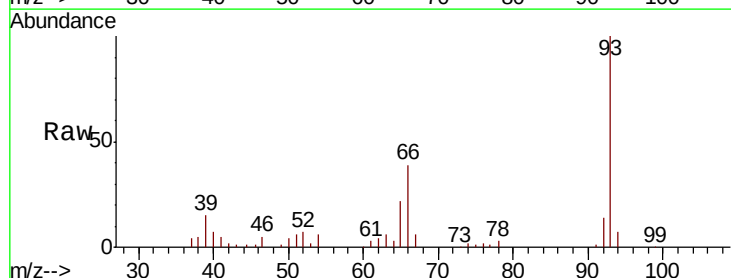
RT: 7.35 min Scan# 726

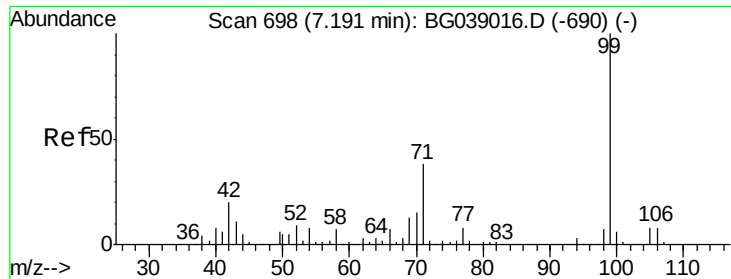
Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Tgt Ion:	93	Resp:	72561
Ion Ratio	Lower	Upper	
93	100		
66	38.8	30.9	46.3
65	21.7	17.0	25.4





#7

Phenol-d6

Concen: 149.251 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

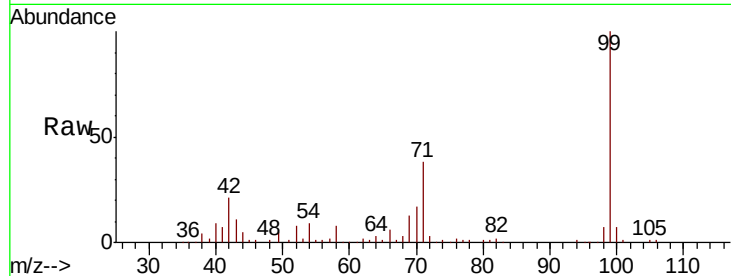
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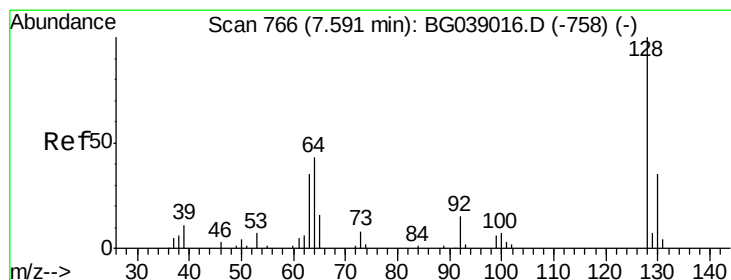
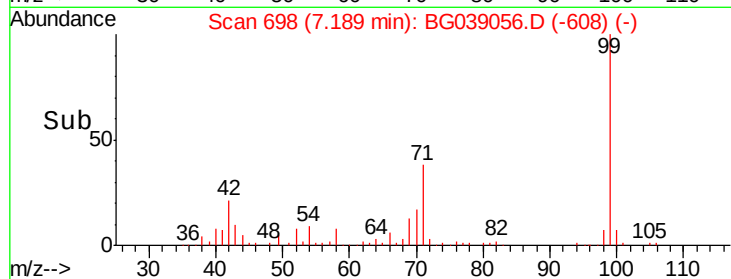
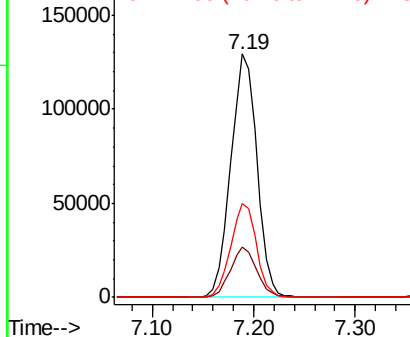
Tot Ion:	99	Resp:	231087
Ion Ratio	Lower	Upper	
99	100		
42	20.7	15.8	23.6
71	38.3	30.2	45.4

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 54.770 ng

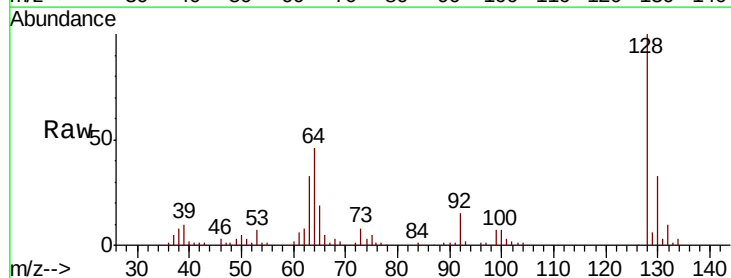
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

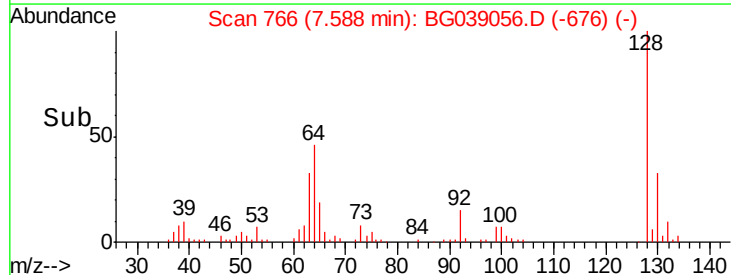
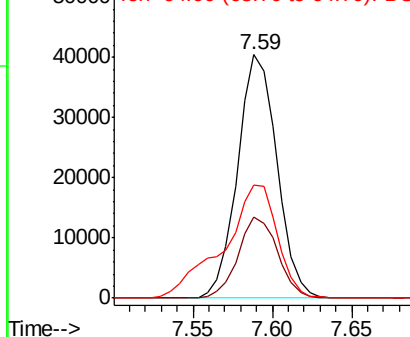
Lab File: BG039056.D

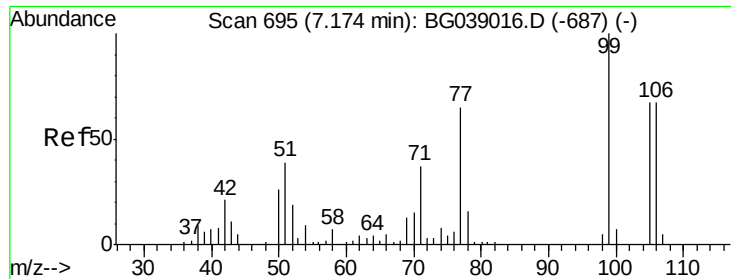
Acq: 10 Jan 2019 17:22

Tgt Ion:	128	Resp:	69460
Ion Ratio	Lower	Upper	
128	100		
130	33.1	14.5	54.5
64	46.2	27.3	67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





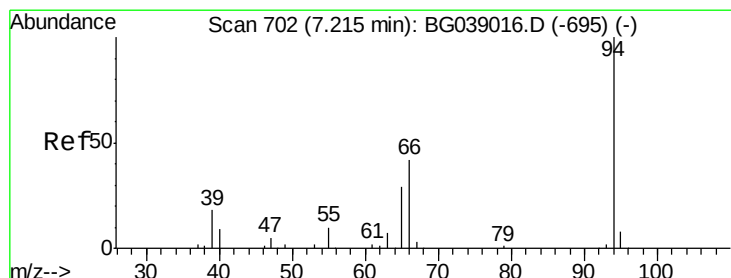
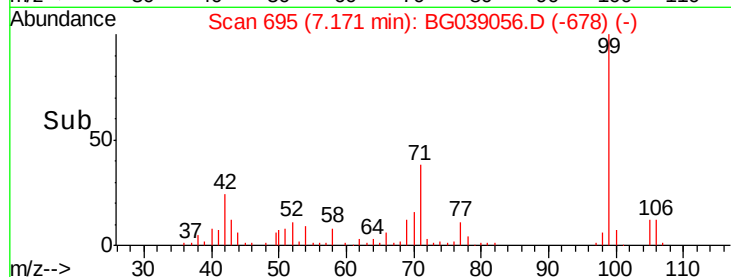
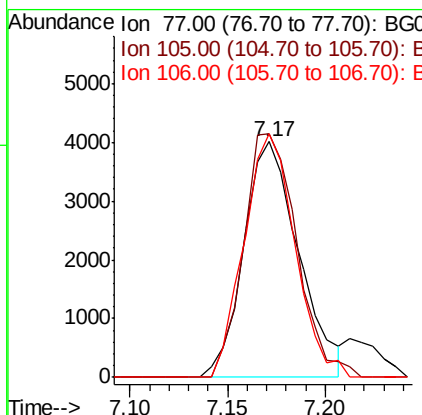
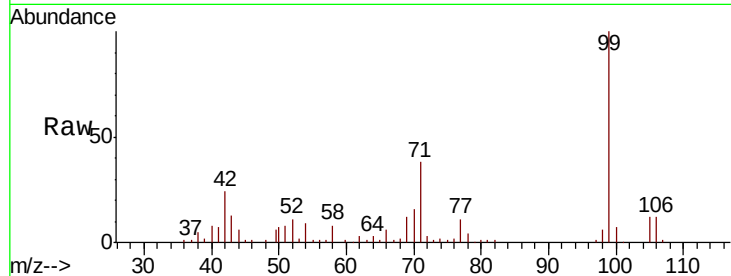
#9
Benzaldehyde
Concen: 8.737 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.4	82.4	122.4
106	103.3	82.8	122.8

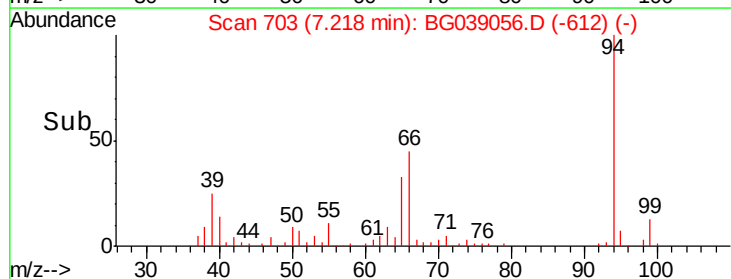
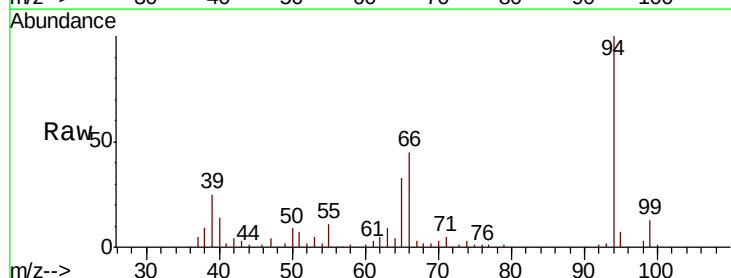
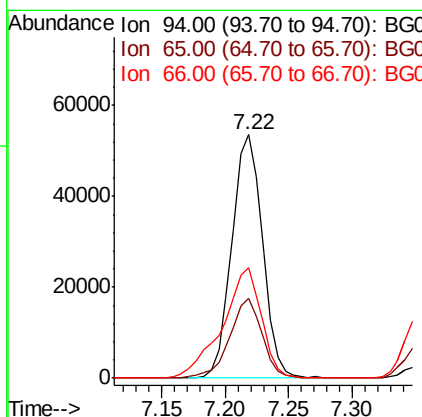
Manual Integrations
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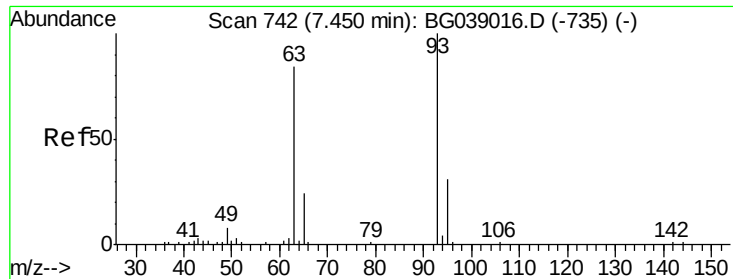
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#10
Phenol
Concen: 57.777 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.8	10.3	50.3
66	45.5	25.1	65.1





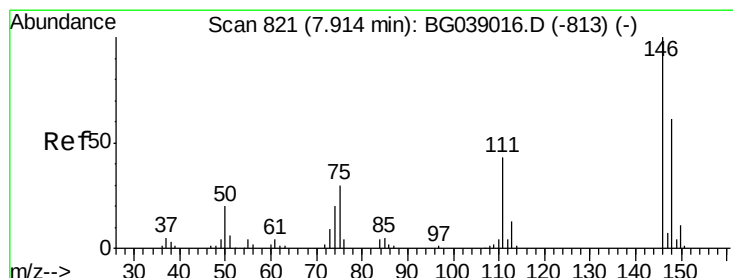
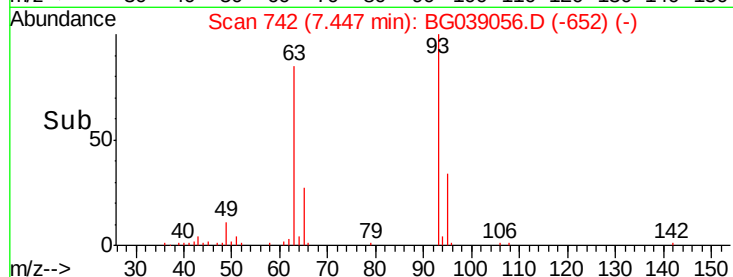
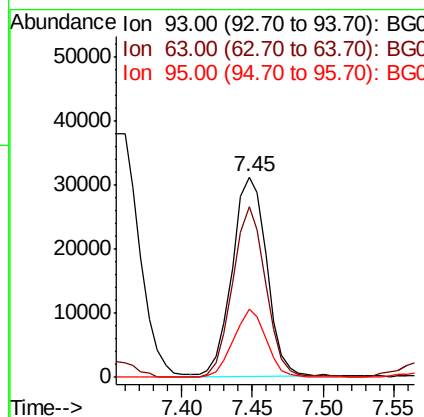
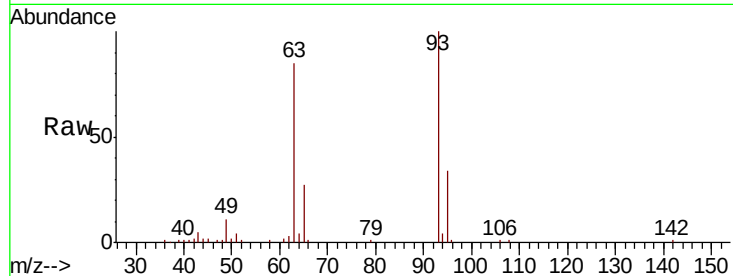
#11
bis(2-Chloroethyl)ether
Concen: 45.029 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.1	63.2	103.2
95	33.9	11.2	51.2

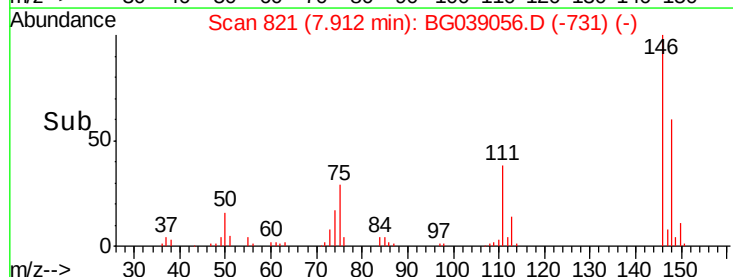
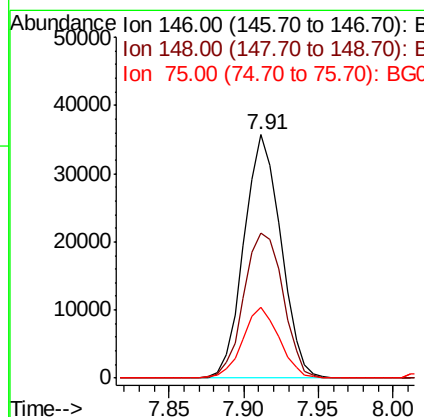
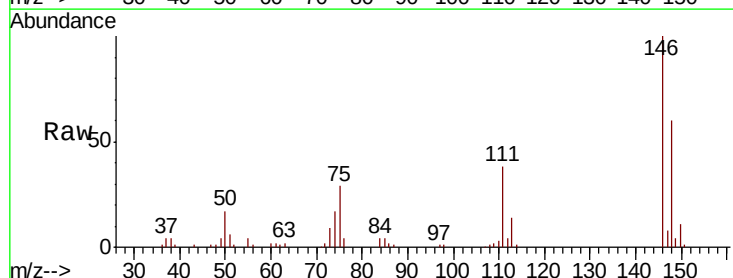
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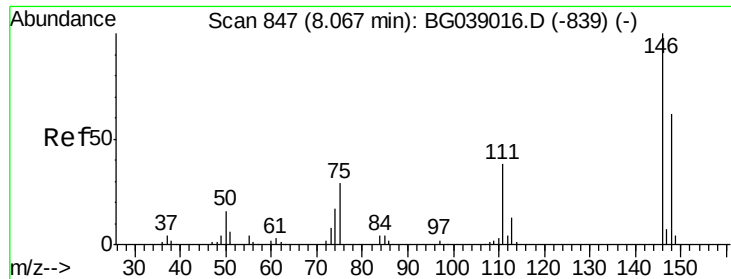
Sohil
1/11/2019 4:44:29 PM



#12
1,3-Dichlorobenzene
Concen: 40.092 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.7	49.1	73.7
75	29.0	23.9	35.9





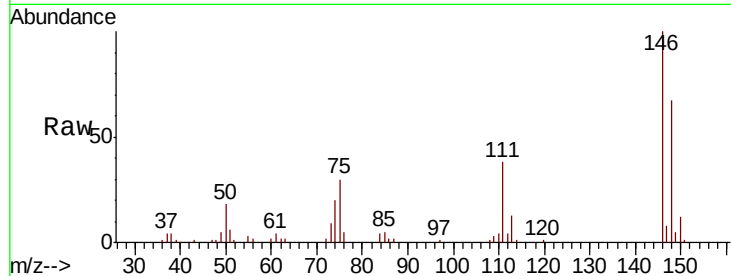
#13
1,4-Dichlorobenzene
Concen: 40.339 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	49.8	74.6
111	37.9	30.6	45.8

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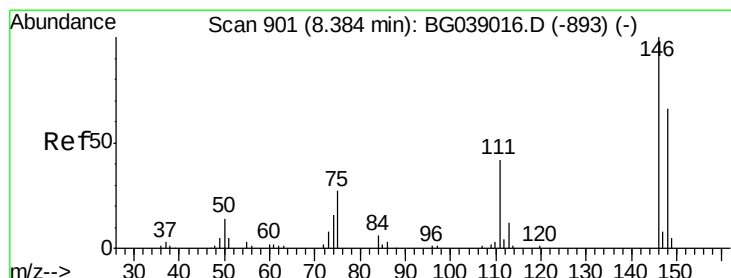
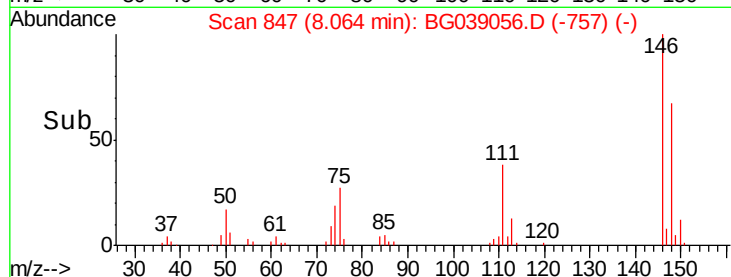
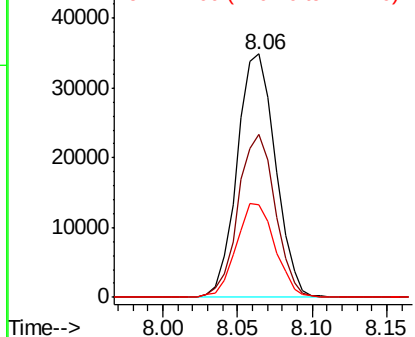


Abundance

Ion 146.00 (145.70 to 146.70): E

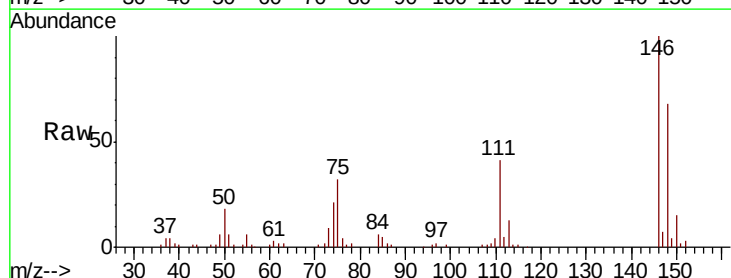
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 41.727 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	52.6	79.0
111	41.4	34.6	51.8

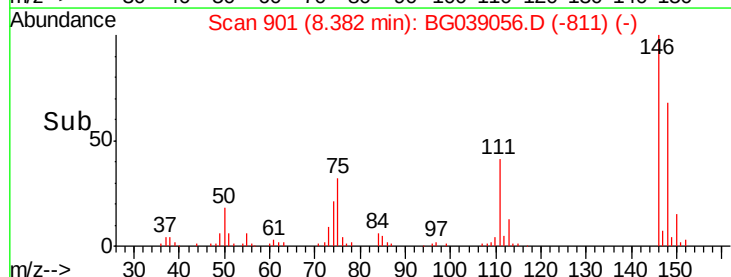
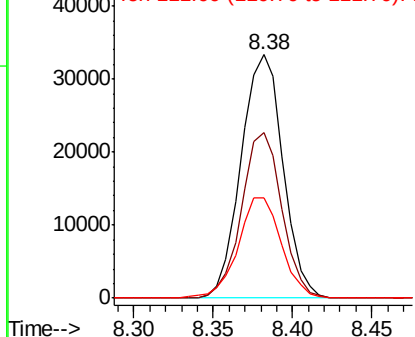


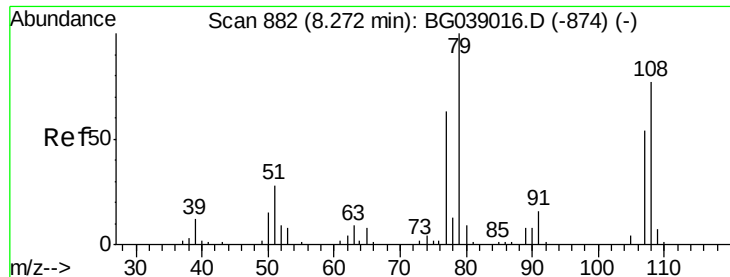
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.780 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

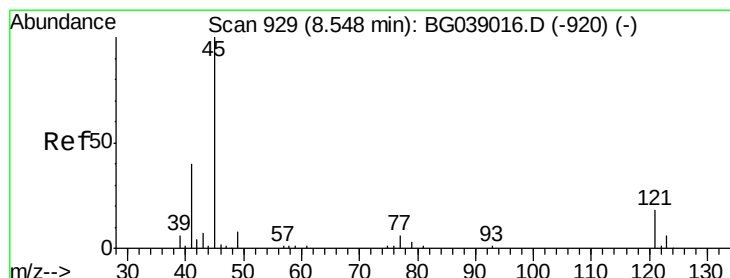
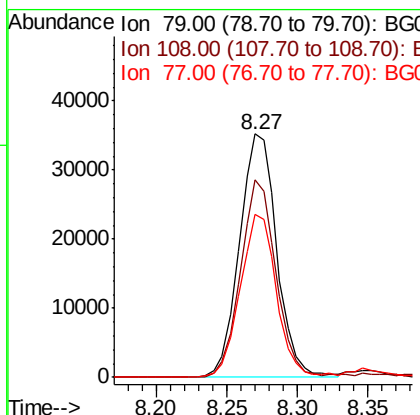
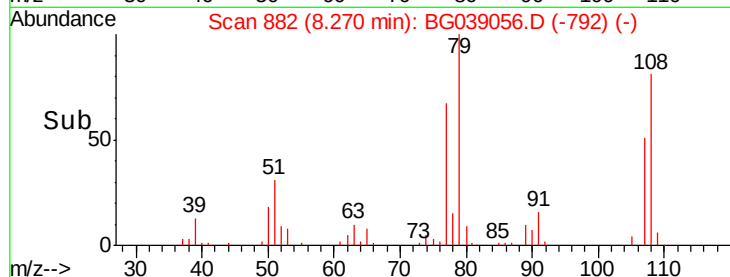
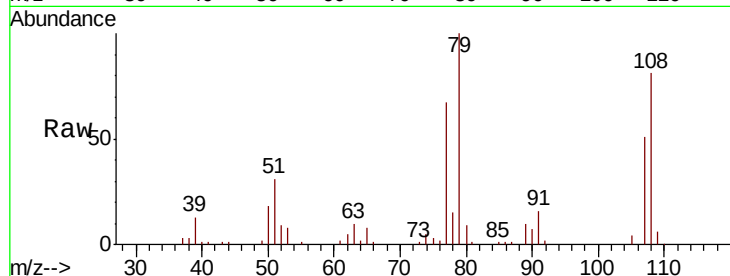
ClientSampleId :

PB116291BSD

Tot Ion:	79	Resp:	65039
Ion	Ratio	Lower	Upper
79	100		
108	80.9	62.0	93.0
77	66.9	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.480 ng

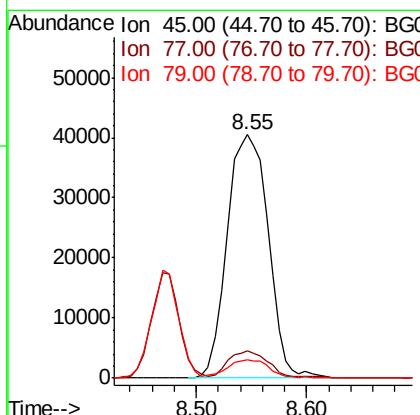
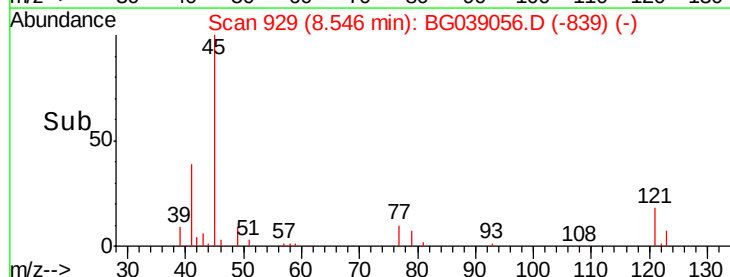
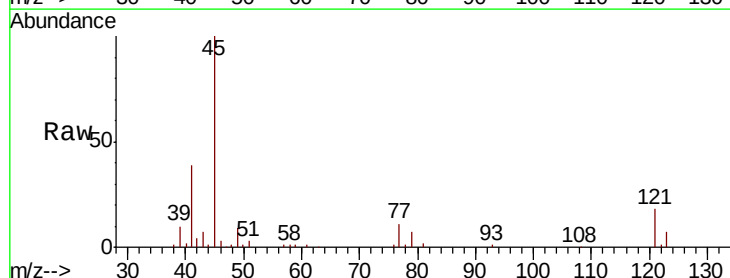
RT: 8.55 min Scan# 929

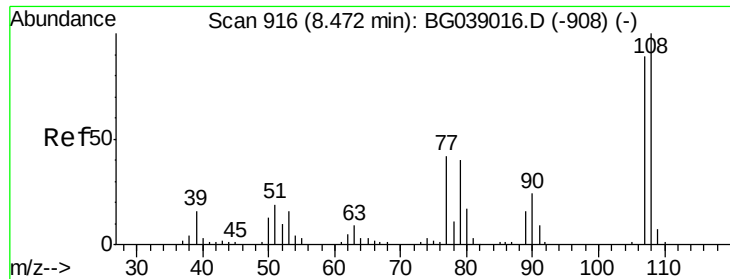
Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Tgt Ion:	45	Resp:	105741
Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.7
79	7.5	0.0	28.5





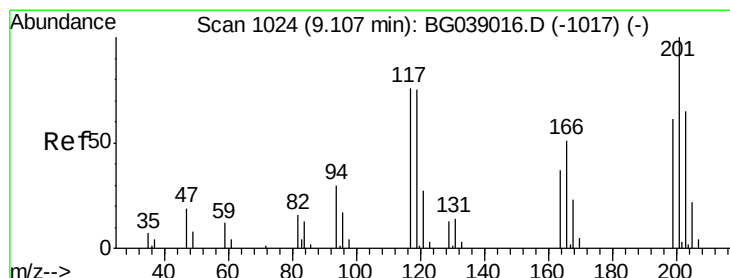
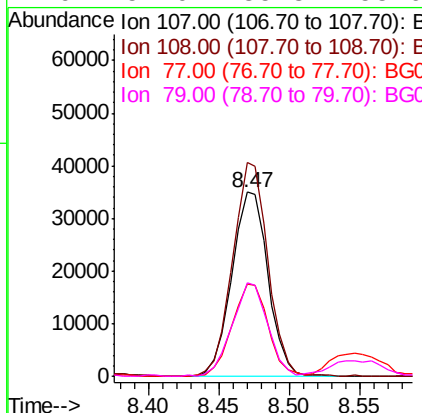
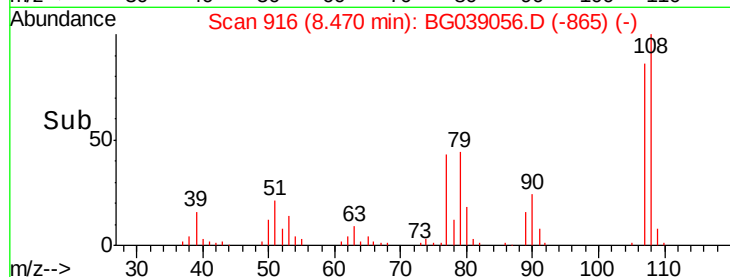
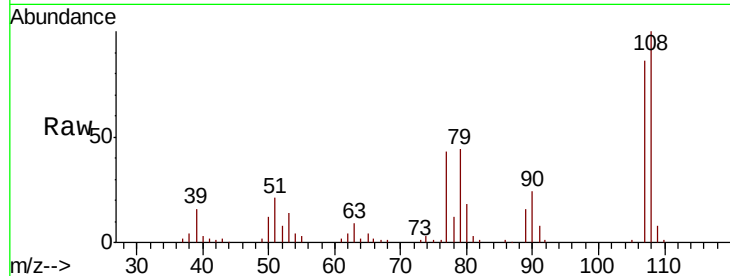
#17
2-Methylphenol
Concen: 57.913 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion:	107	Resp:	62423
Ion	Ratio	Lower	Upper
107	100		
108	115.9	90.3	135.5
77	50.0	38.3	57.5
79	51.0	35.8	53.6

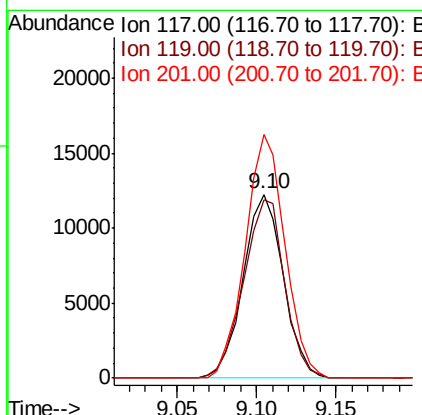
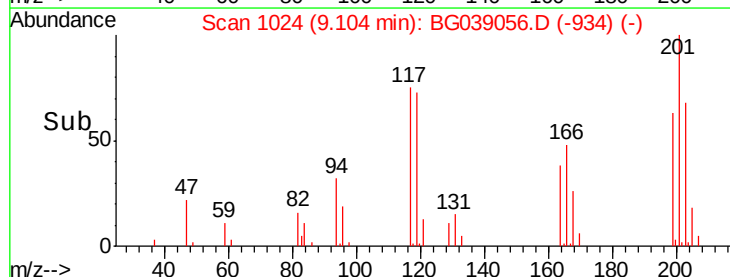
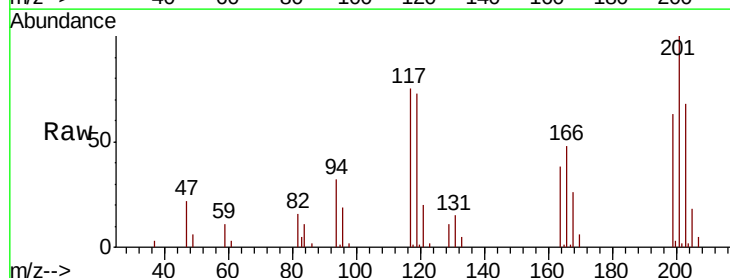
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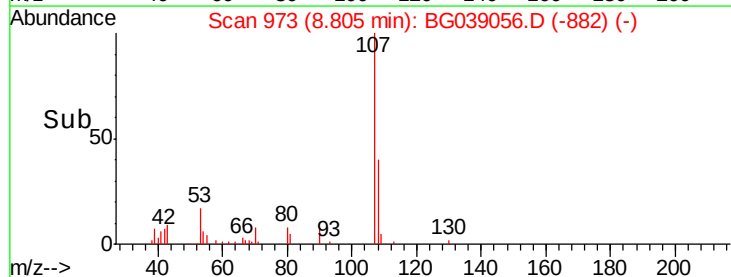
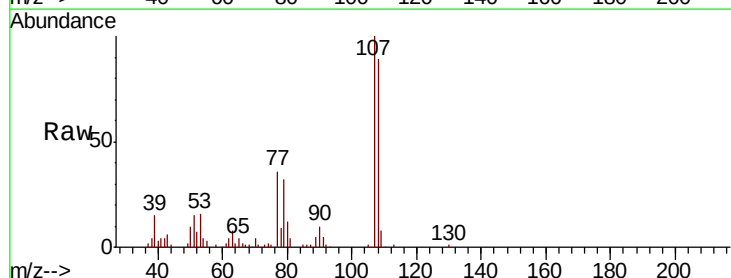
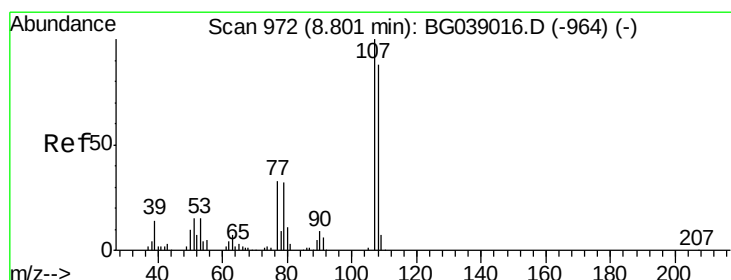
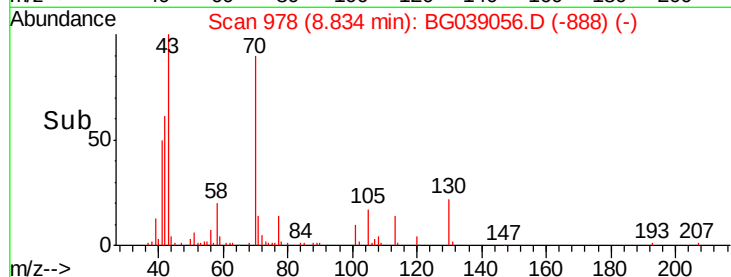
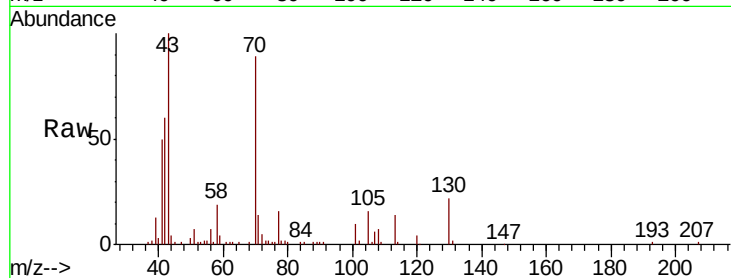
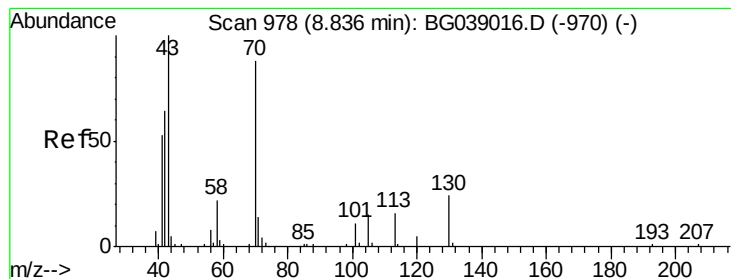
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#18
Hexachloroethane
Concen: 41.210 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion:	117	Resp:	21545
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.7	118.1
201	130.5	108.1	162.1





#19

n-Nitroso-di-n-propylamine

Concen: 49.158 ng

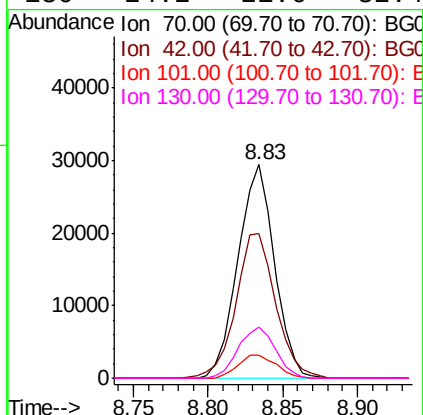
RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		49981		
42	67.6	59.0	88.4		
101	10.8	10.4	15.6		
130	24.2	21.6	32.4		



Instrument :

BNA_G

ClientSampleId :

PB116291BSD

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#20

3+4-Methylphenols

Concen: 57.511 ng

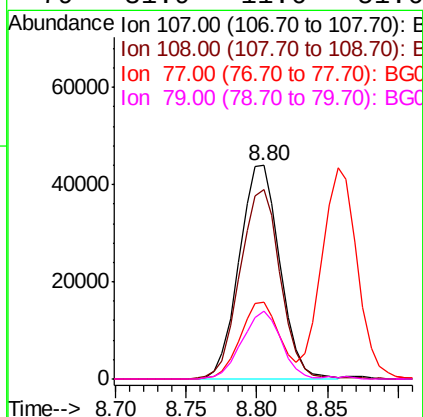
RT: 8.80 min Scan# 973

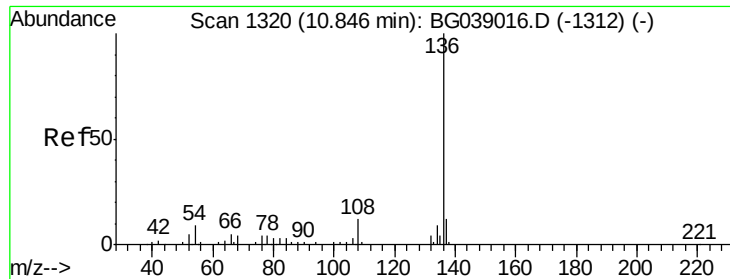
Delta R.T. 0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		88382		
108	88.6	68.4	108.4		
77	36.2	13.3	53.3		
79	31.9	11.6	51.6		





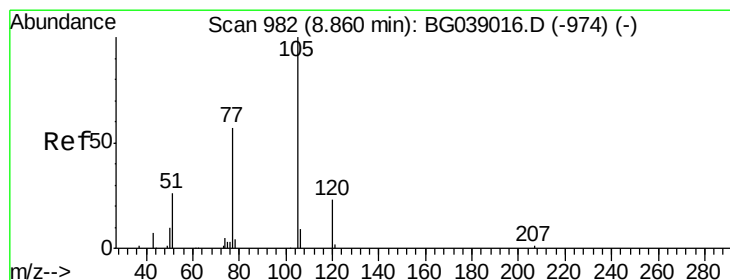
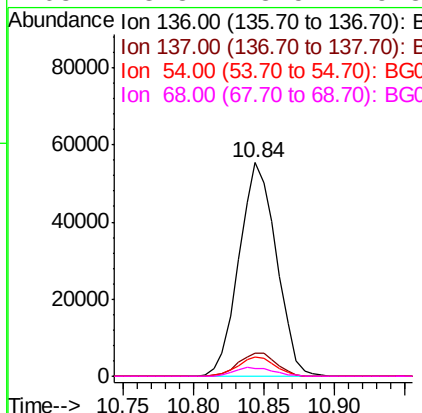
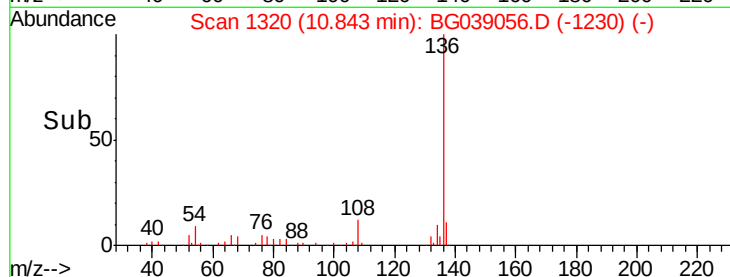
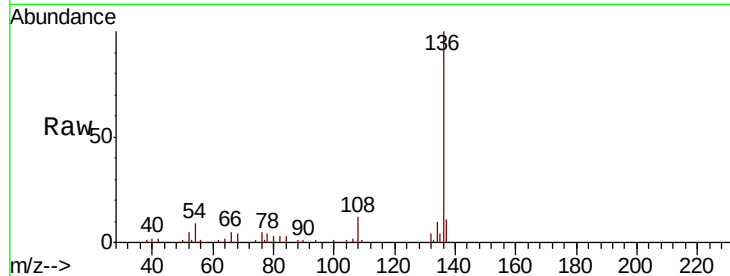
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.4	14.2
54	9.2	7.2	10.8
68	3.8	3.5	5.3

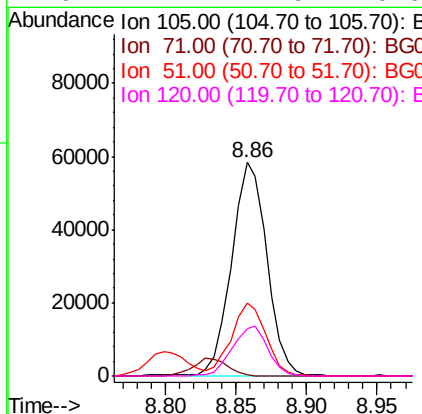
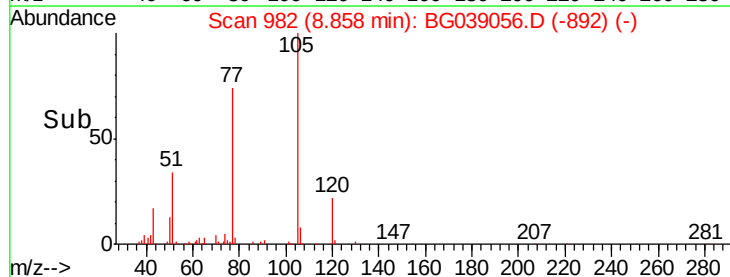
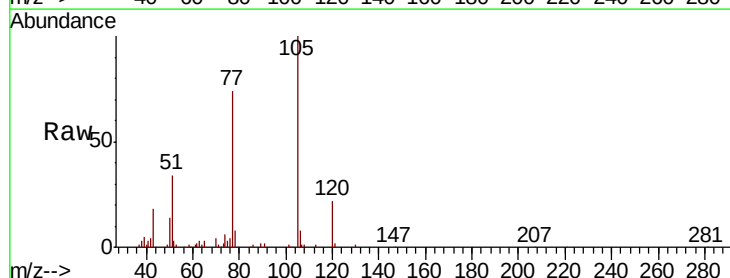
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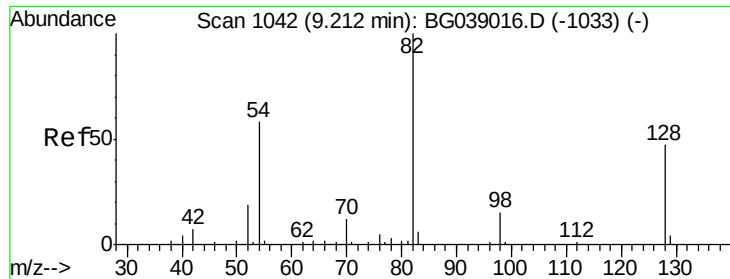
Sohil
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#22
Acetophenone
Concen: 38.028 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.9	0.6	1.0
51	34.1	26.6	39.8
120	22.4	17.9	26.9





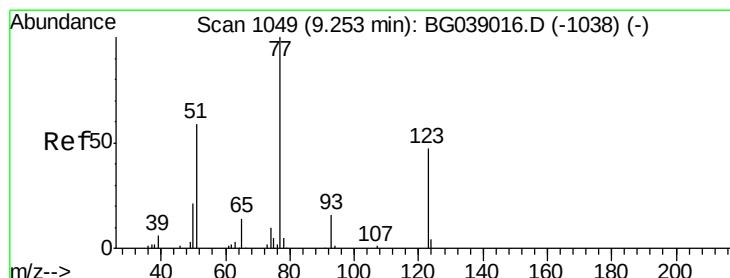
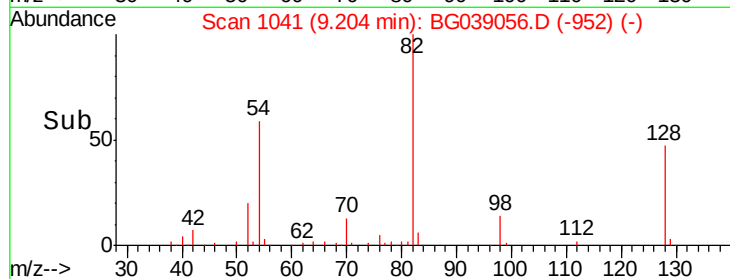
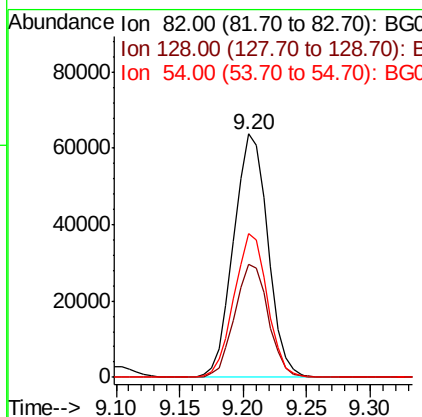
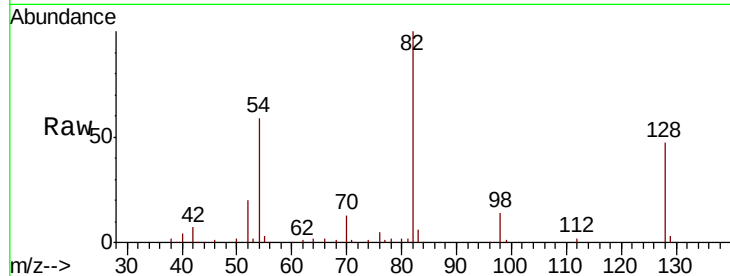
#23
Nitrobenzene-d5
Concen: 63.692 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.3	55.9
54	59.3	46.4	69.6

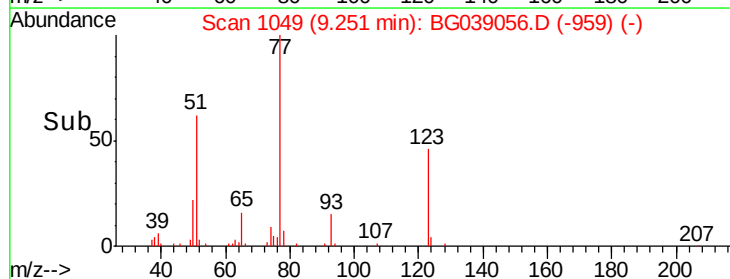
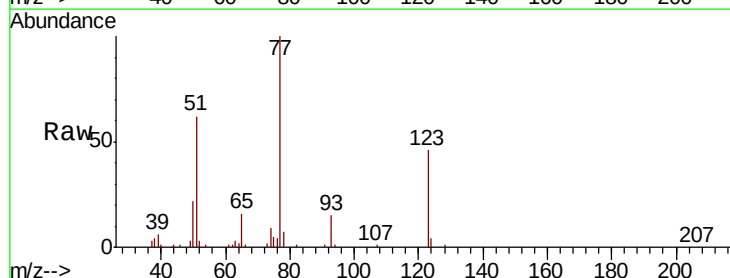
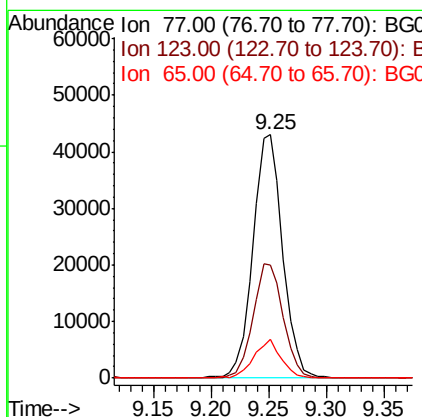
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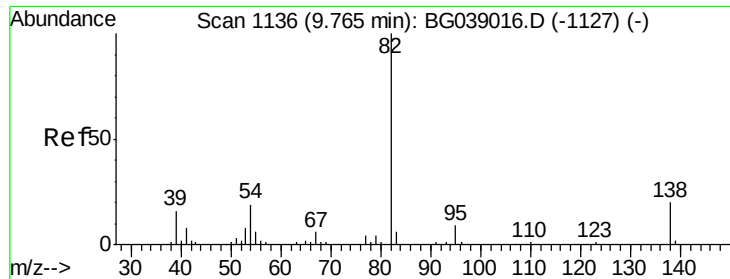
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#24
Nitrobenzene
Concen: 40.741 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.6	56.4
65	15.8	11.0	16.6





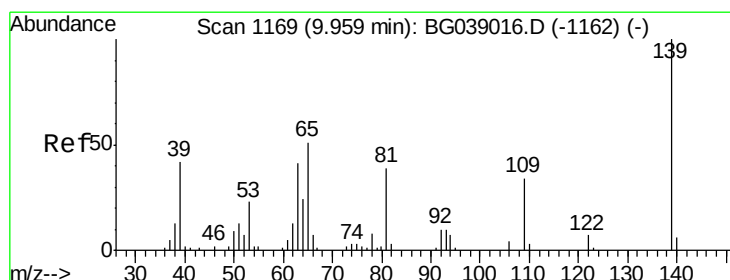
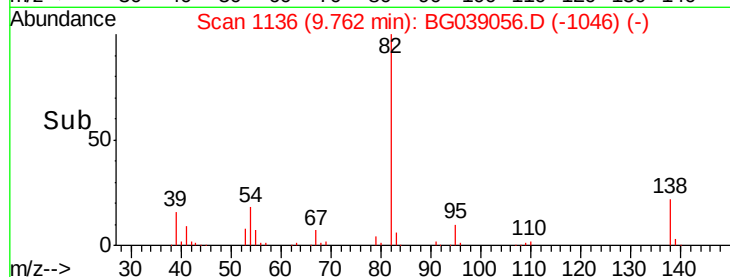
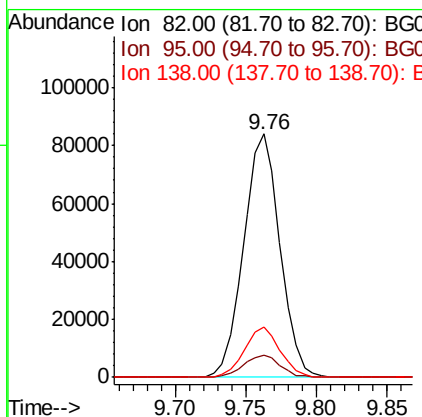
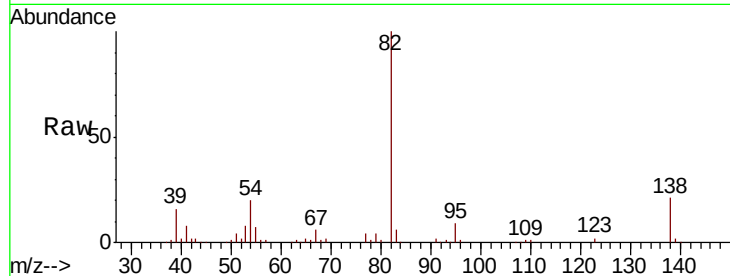
#25
Isophorone
Concen: 46.843 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	82	Resp	151184
Ion Ratio	100	Lower	Upper
82	100		
95	9.1	7.0	10.6
138	20.8	16.2	24.4

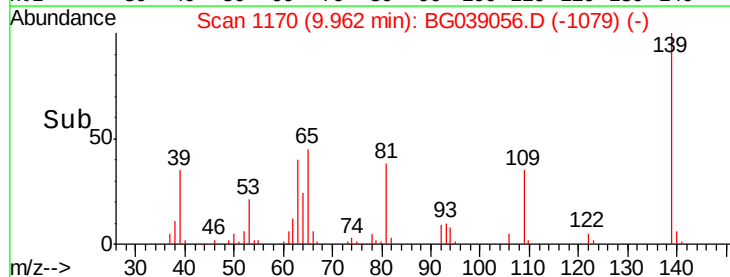
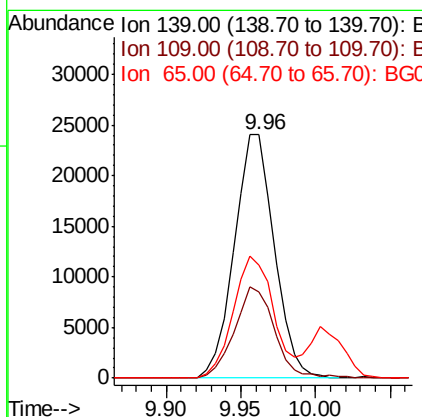
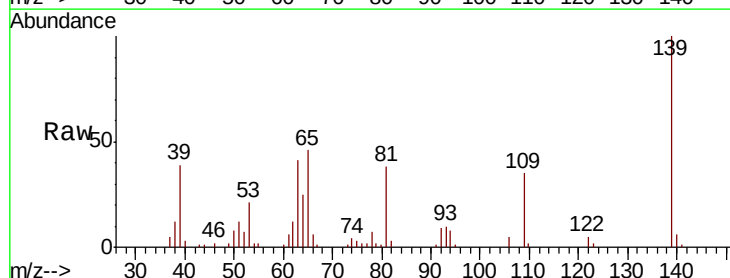
Manual Integrations
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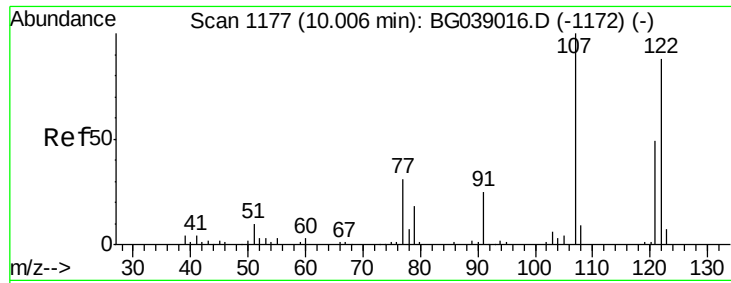
Sohil
1/11/2019 4:44:29 PM



#26
2-Nitrophenol
Concen: 43.631 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	139	Resp	44694
Ion Ratio	100	Lower	Upper
139	100		
109	35.4	27.3	40.9
65	46.2	40.6	61.0





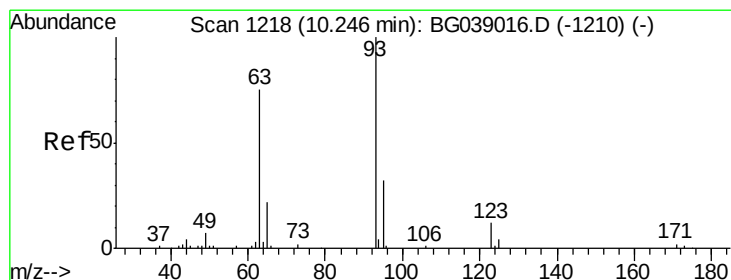
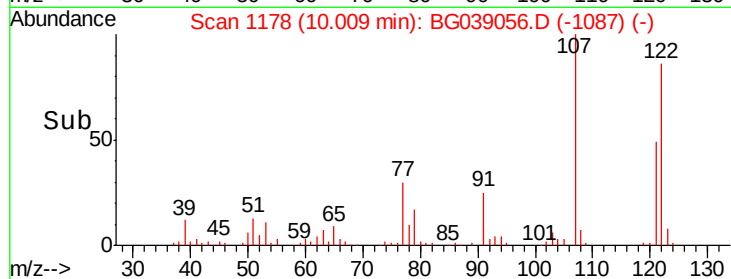
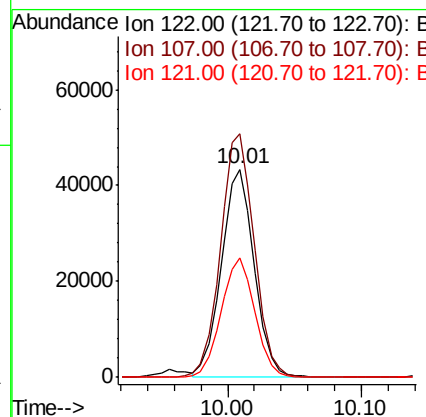
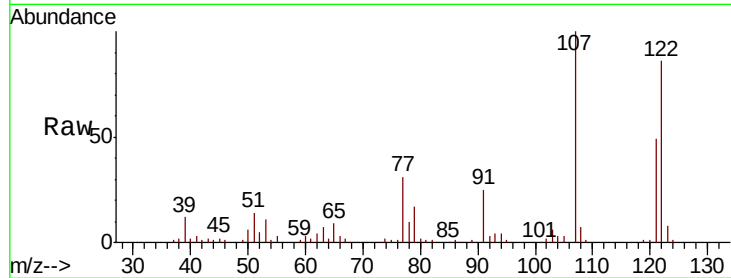
#27
 2,4-Dimethylphenol
 Concen: 51.939 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116291BSD

Tot Ion:	122	Resp:	74852
Ion Ratio	Lower	Upper	
122	100		
107	116.9	88.8	133.2
121	57.3	43.1	64.7

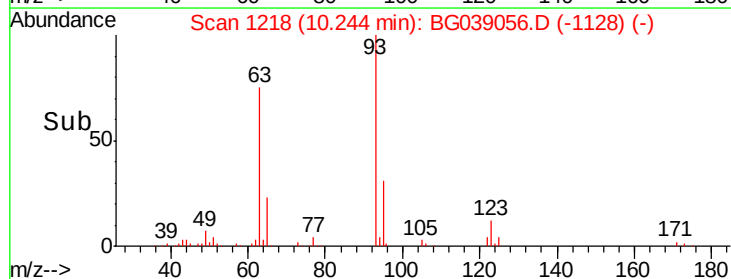
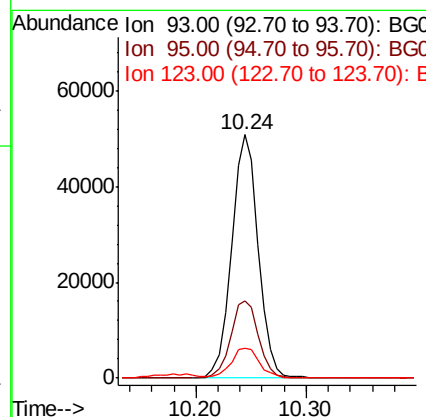
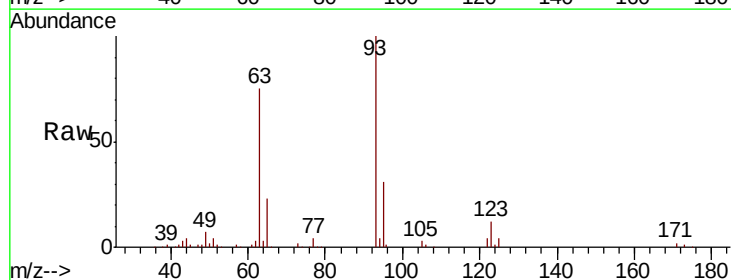
Manual Integrations
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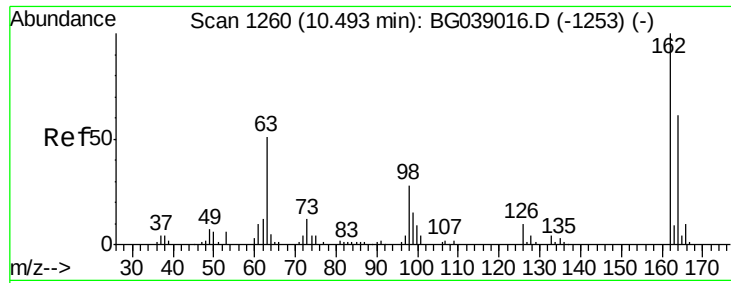
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.998 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Tgt Ion:	93	Resp:	85344
Ion Ratio	Lower	Upper	
93	100		
95	31.5	25.6	38.4
123	12.3	10.1	15.1





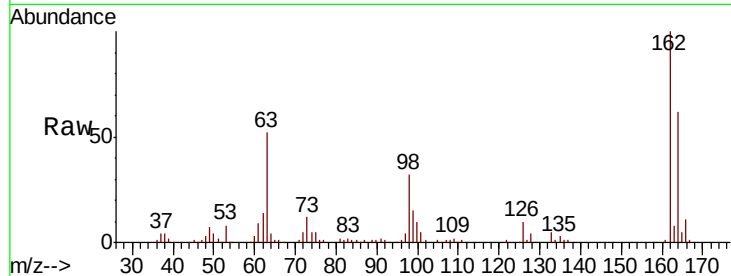
#29
2,4-Dichlorophenol
Concen: 49.886 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	41.3	81.3
98	31.8	8.3	48.3

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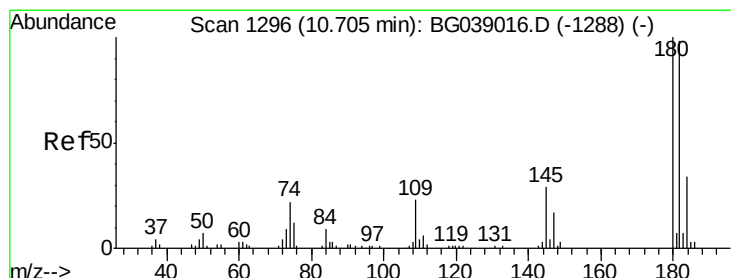
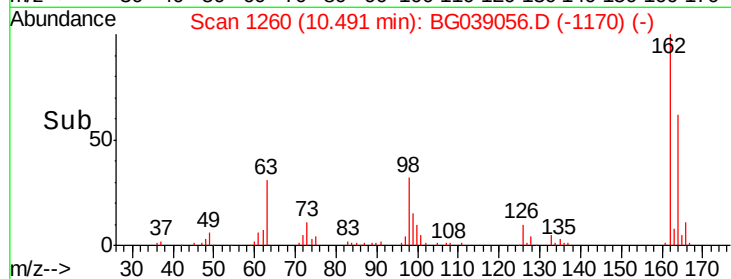
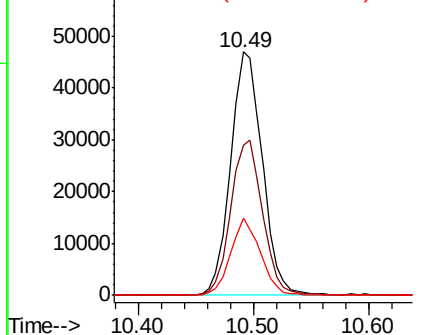


Abundance

Ion 162.00 (161.70 to 162.70): E

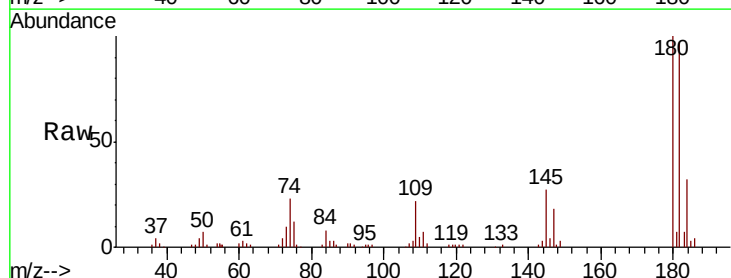
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 38.967 ng
RT: 10.70 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.1	117.1
145	26.9	23.1	34.7

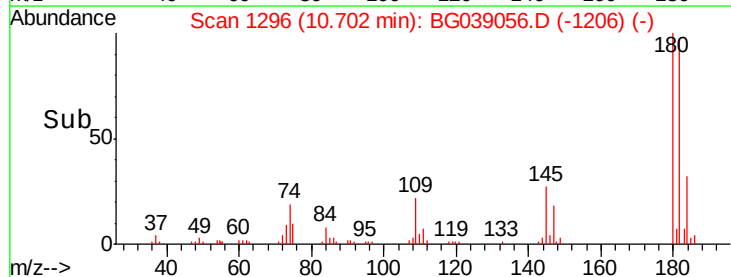
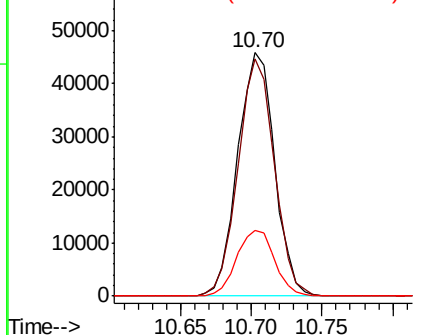


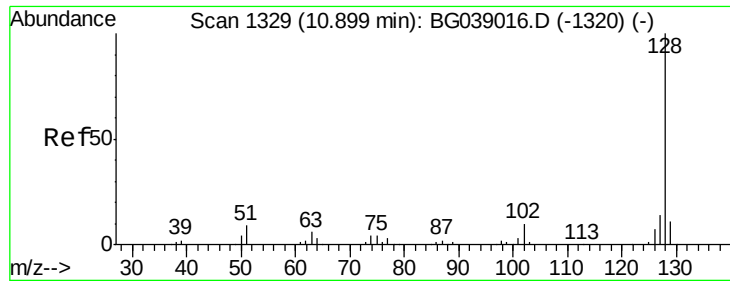
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





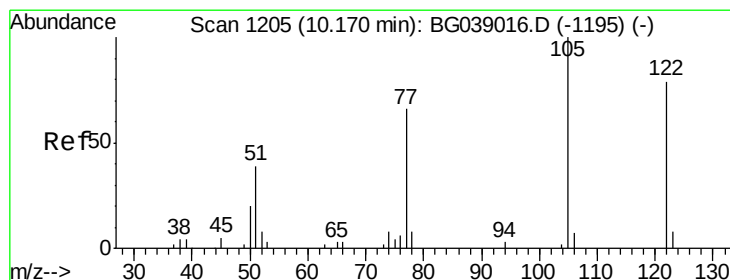
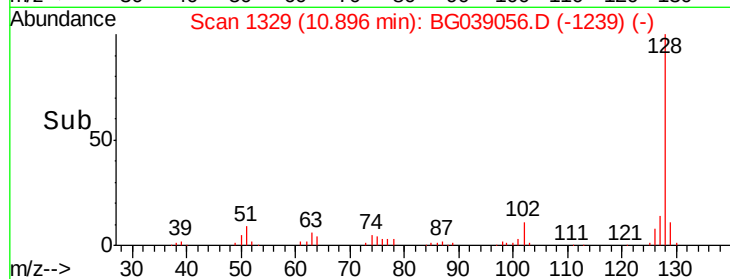
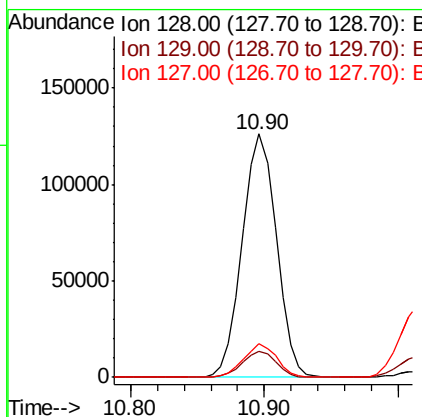
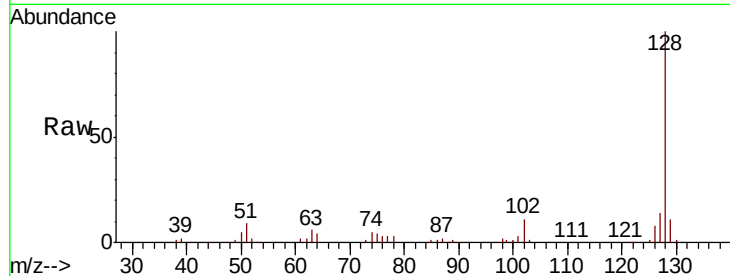
#31
Naphthalene
Concen: 43.647 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.9	11.2	16.8

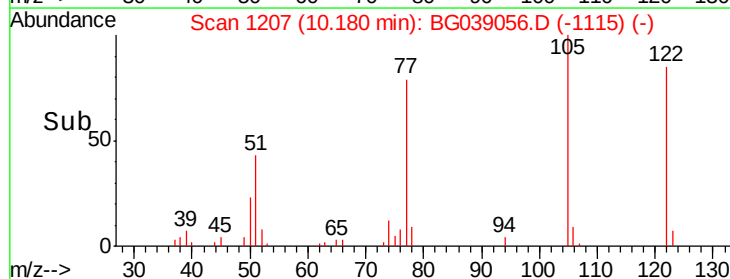
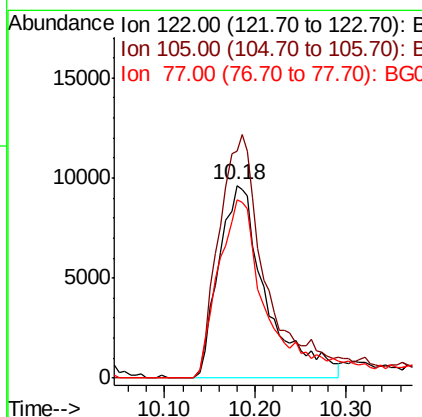
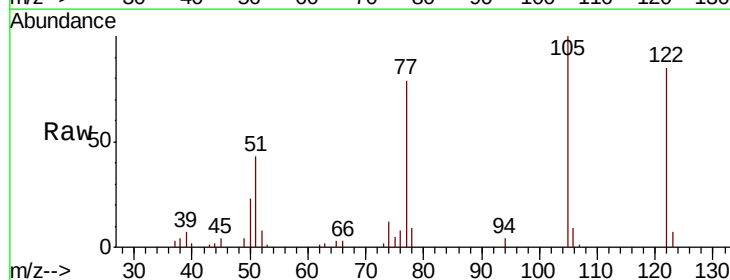
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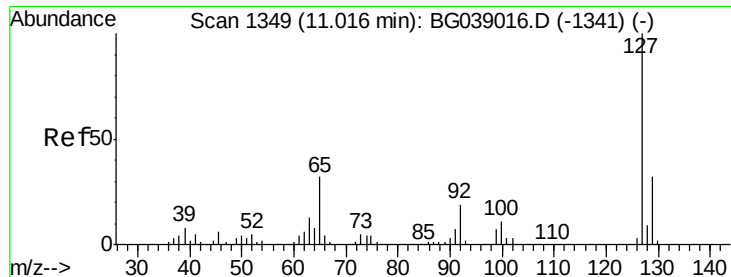
Sohil
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#32
Benzoic acid
Concen: 41.157 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.5	106.4	146.4
77	92.7	63.6	103.6





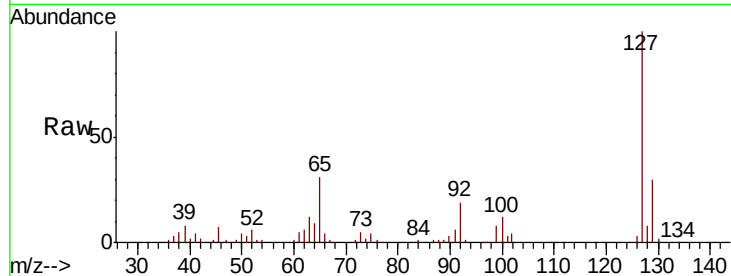
#33
4-Chloroaniline
Concen: 31.112 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampled :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.4	38.0
65	31.2	25.4	38.0
92	19.5	15.2	22.8

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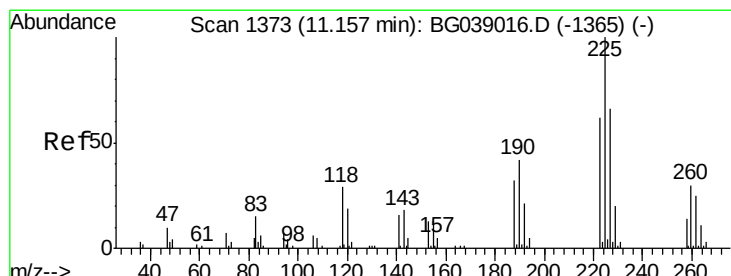
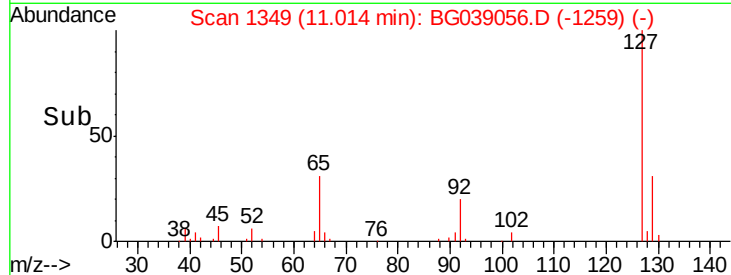
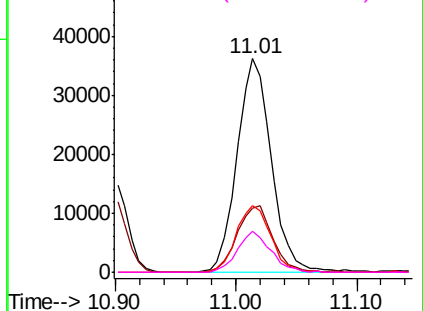
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

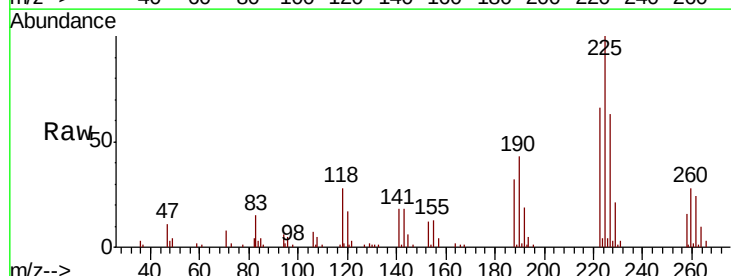
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 36.989 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	50.2	75.4
227	66.7	53.2	79.8

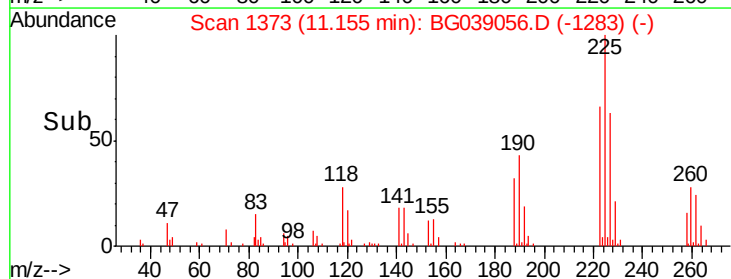
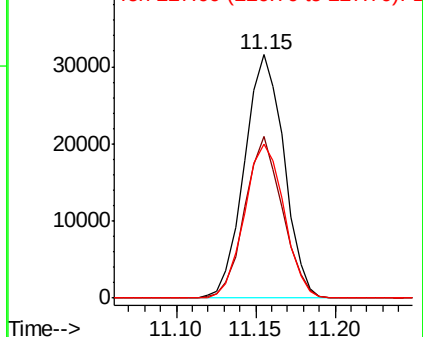


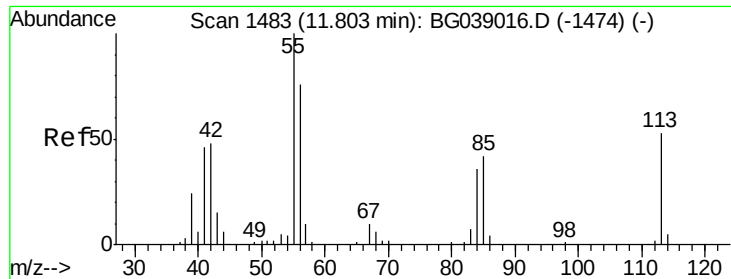
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





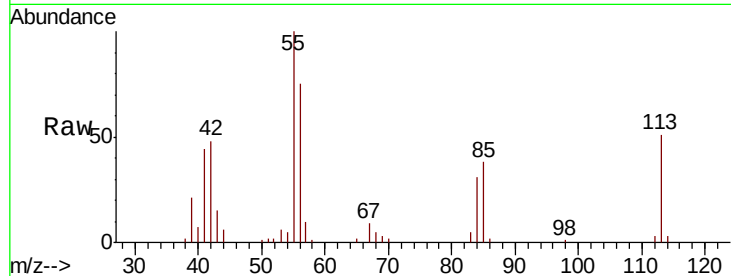
#35
Caprolactam
Concen: 43.712 ng/ml
RT: 11.81 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampled :
PB116291BSD

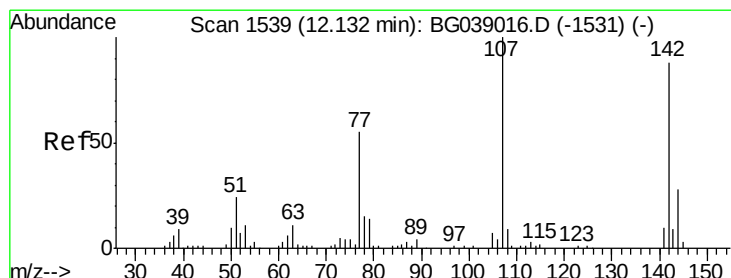
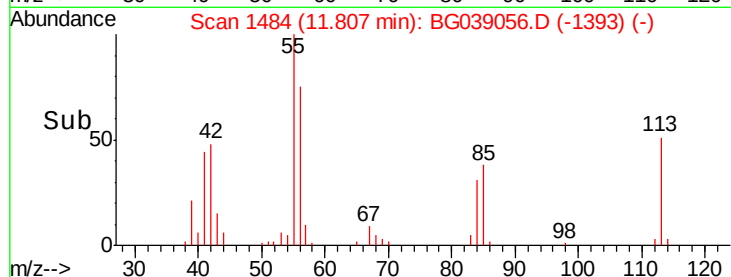
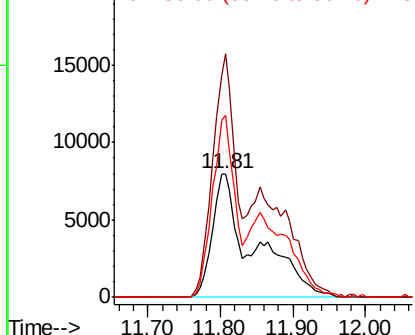
Tot Ion: 113 Resp: 31383
Ion Ratio Lower Upper
113 100
55 196.9 168.6 208.6
56 146.9 123.2 163.2

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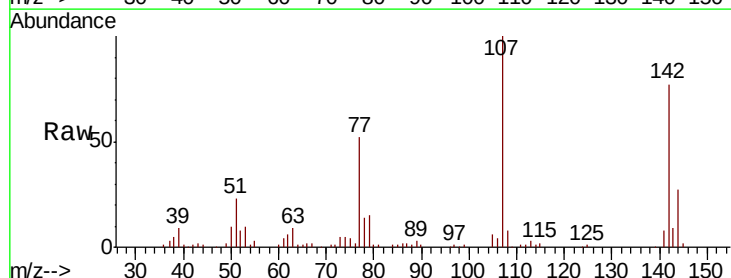


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

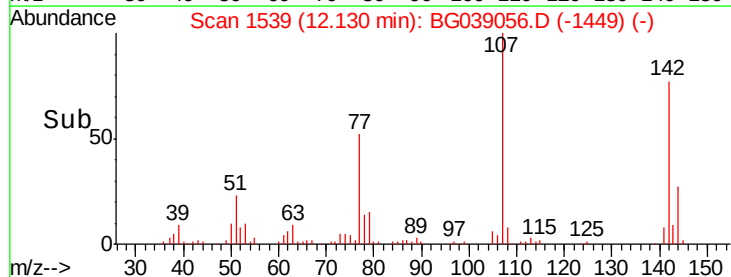
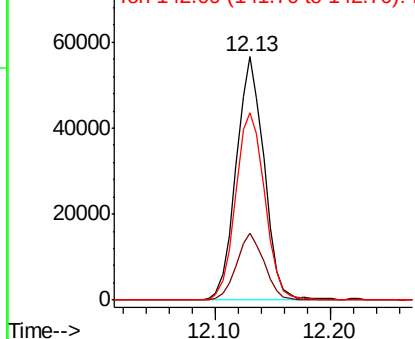


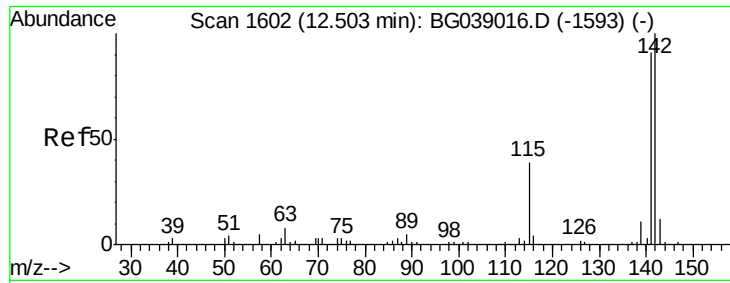
#36
4-Chloro-3-methylphenol
Concen: 49.532 ng/ml
RT: 12.13 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion: 107 Resp: 94851
Ion Ratio Lower Upper
107 100
144 27.4 22.6 34.0
142 76.7 70.2 105.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





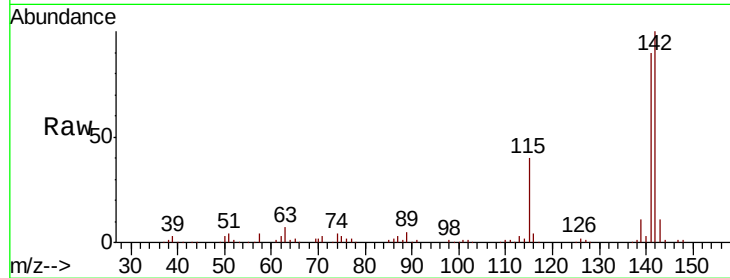
#37
2-Methylnaphthalene
Concen: 48.494 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	90.0	72.6	109.0
115	39.7	31.1	46.7

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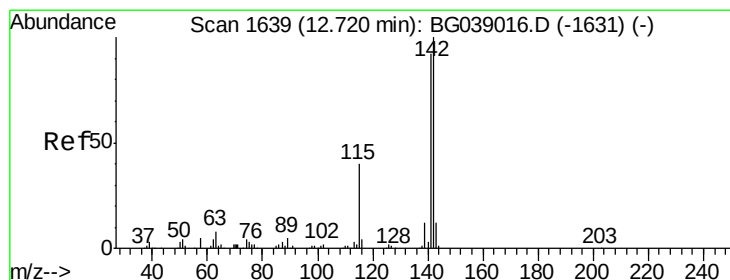
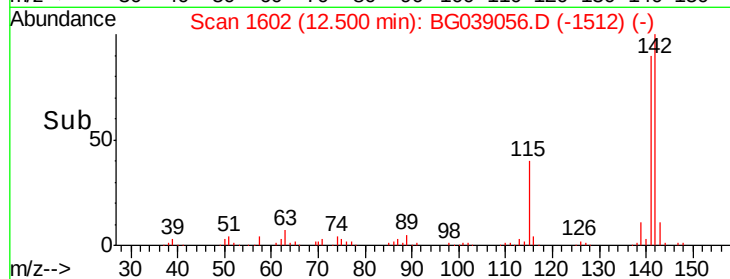
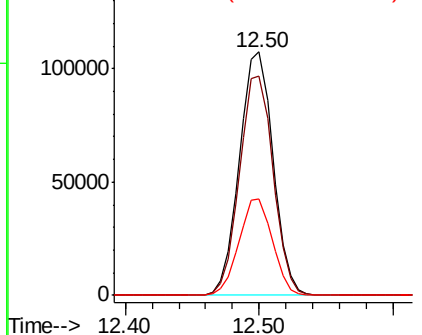


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.129 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

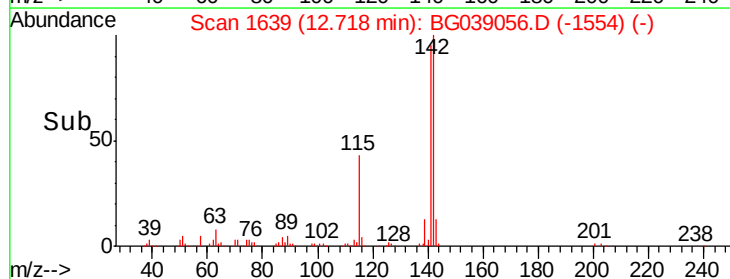
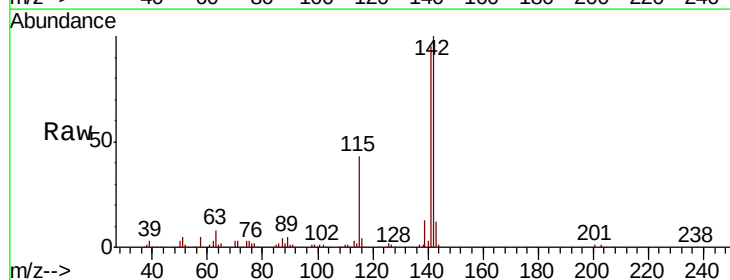
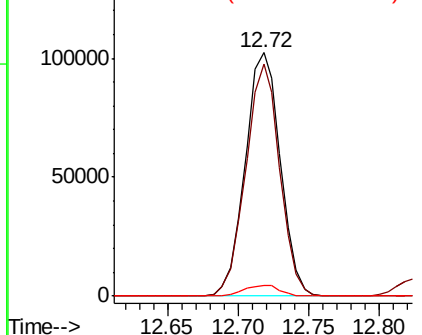
Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	95.3	73.3	109.9
116	4.3	3.1	4.7

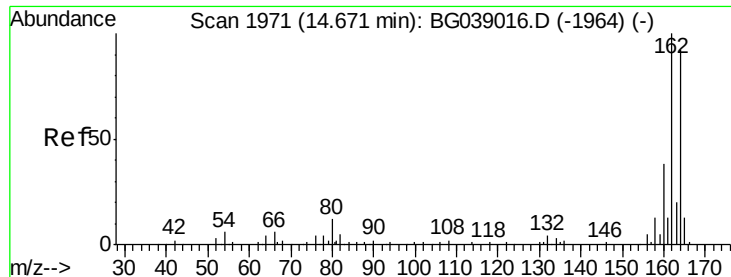
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116291BSD

Tot Ion:164 Resp: 82269

Ion Ratio Lower Upper

164 100

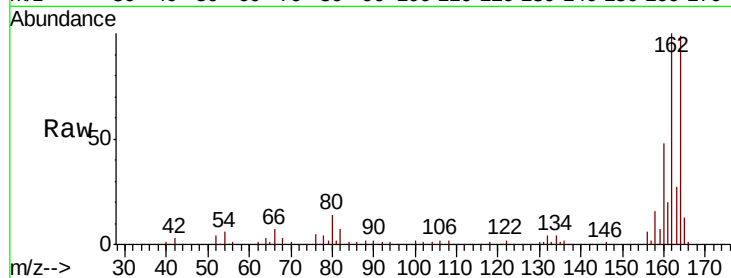
162 100.5 87.2 130.8

160 48.4 33.3 49.9

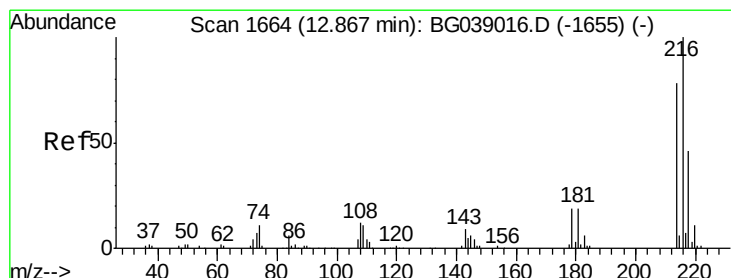
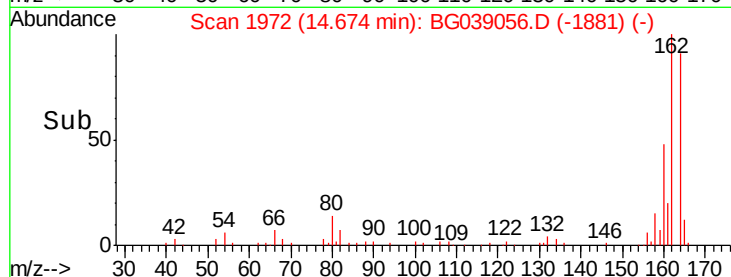
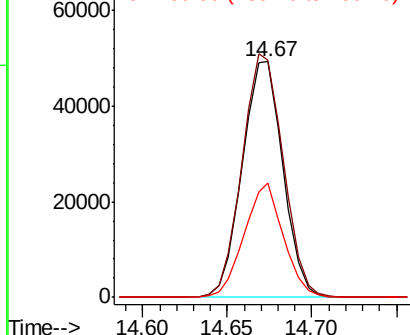
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.902 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Tgt Ion:216 Resp: 120196

Ion Ratio Lower Upper

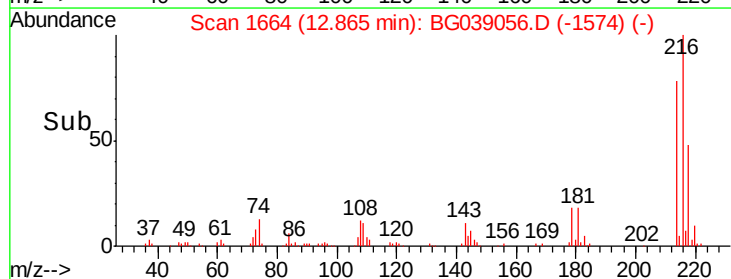
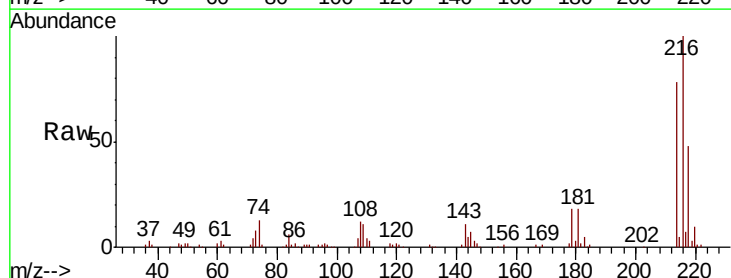
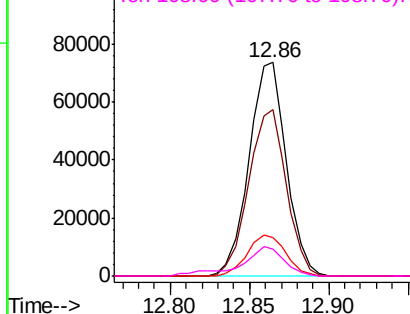
216 100

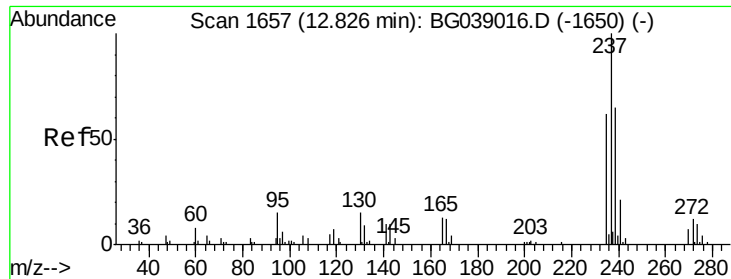
214 78.5 63.4 95.2

179 19.7 15.5 23.3

108 15.6 11.4 17.2

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





#41

Hexachlorocyclopentadiene

Concen: 69.727 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

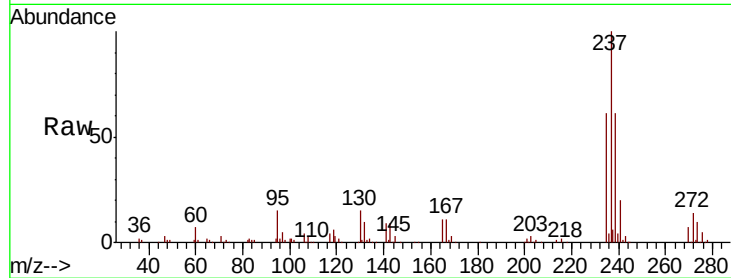
ClientSampled :

PB116291BSD

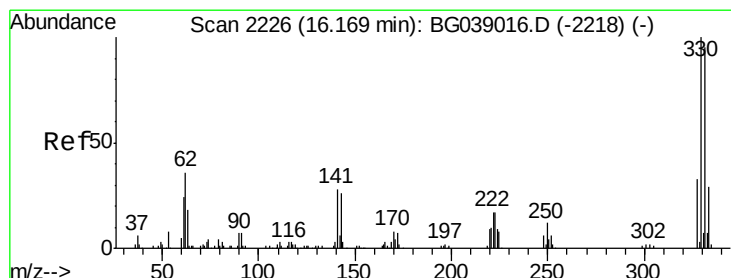
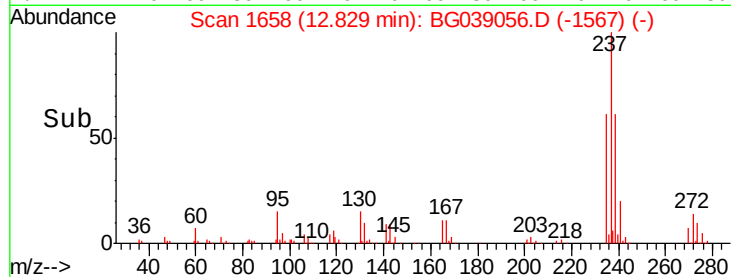
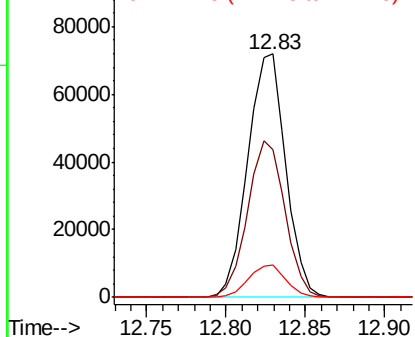
Tot Ion:	237	Resp:	119954
Ion Ratio	Lower	Upper	
237	100		
235	60.7	41.7	81.7
272	13.5	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 117.359 ng

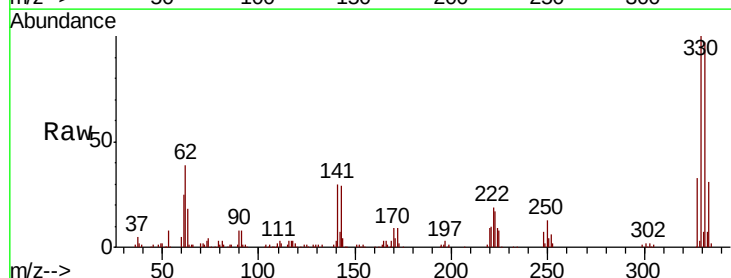
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

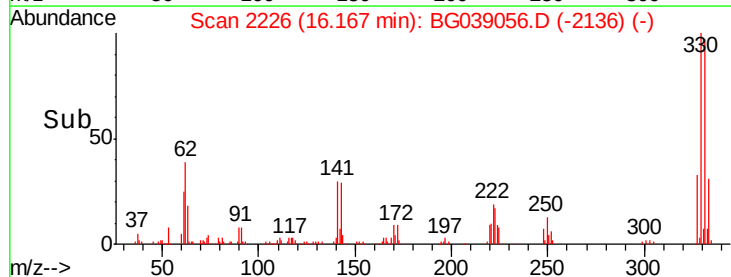
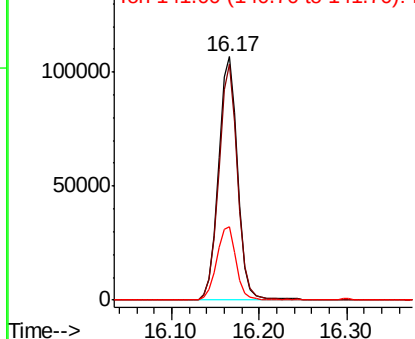
Lab File: BG039056.D

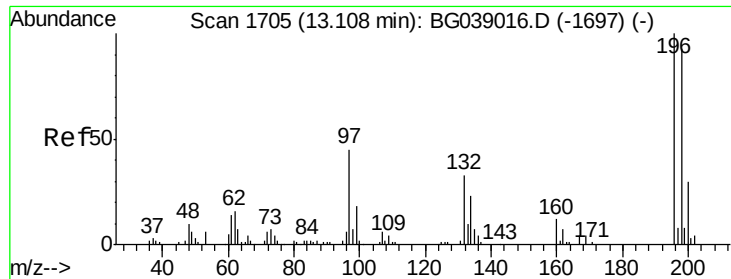
Acq: 10 Jan 2019 17:22

Tgt Ion:	330	Resp:	161845
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.7	113.5
141	30.7	24.9	37.3



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





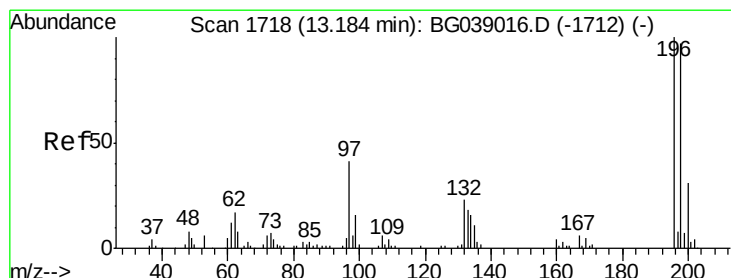
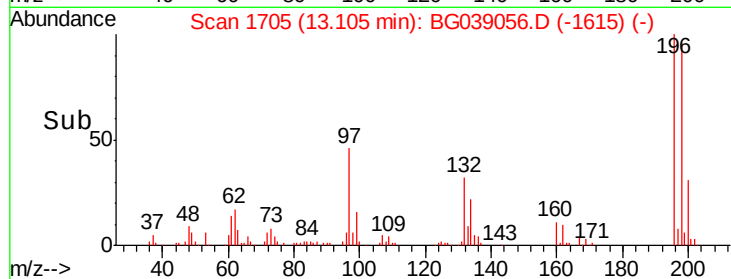
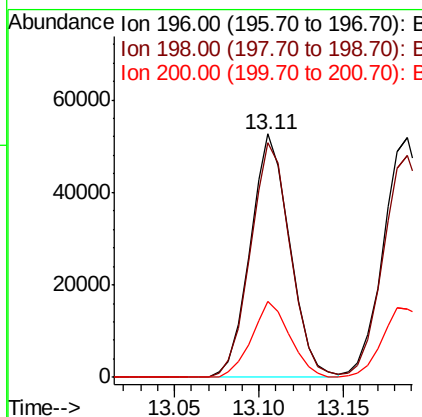
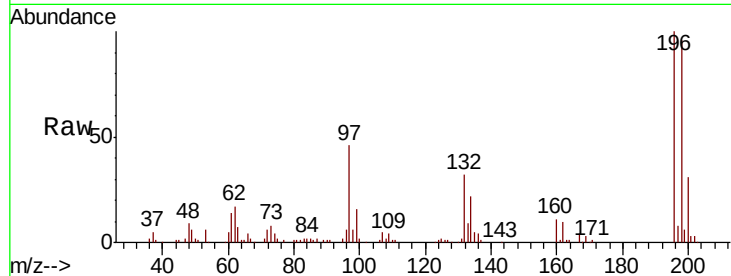
#43
 2,4,6-Trichlorophenol
 Concen: 43.781 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116291BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	85135		
198	96.2	74.5	111.7	
200	31.4	23.8	35.6	

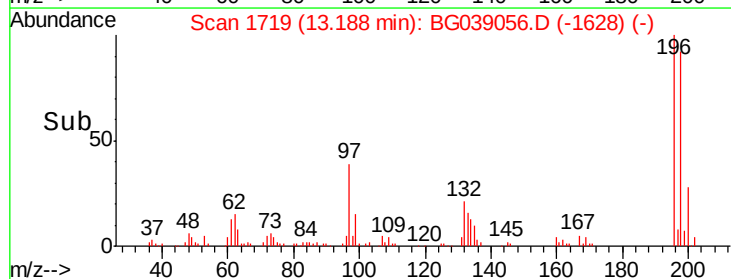
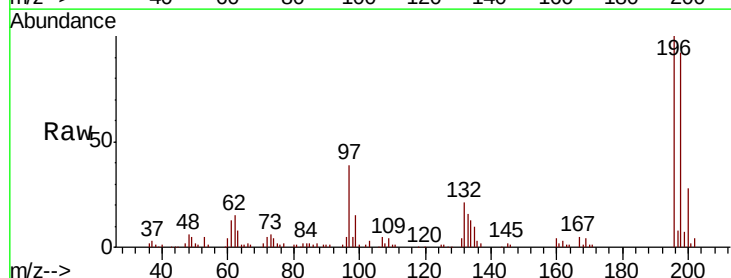
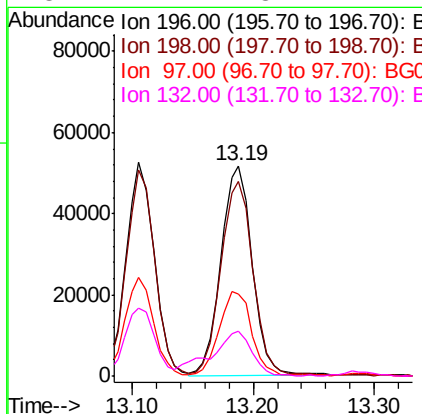
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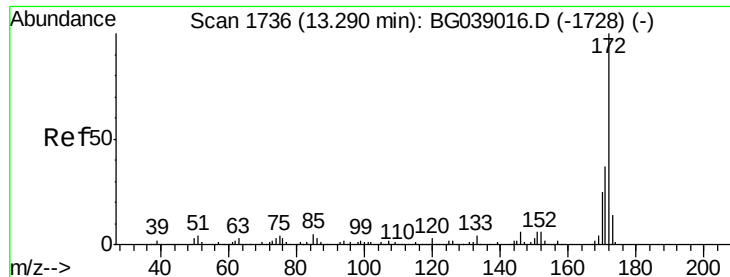
Sohil
 1/11/2019 4:44:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.926 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92334		
198	92.4	78.1	117.1	
97	39.3	33.2	49.8	
132	21.1	18.2	27.4	





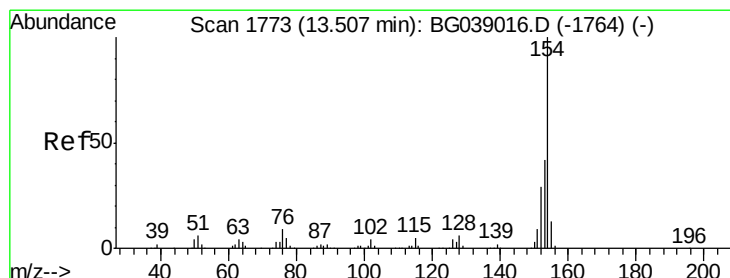
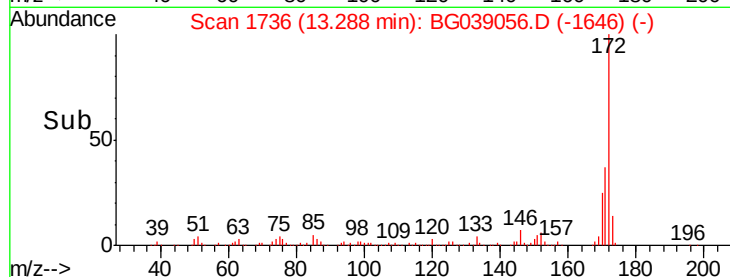
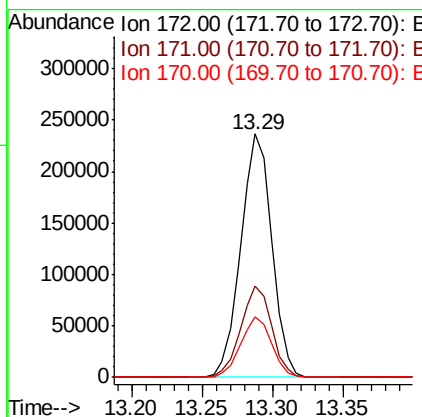
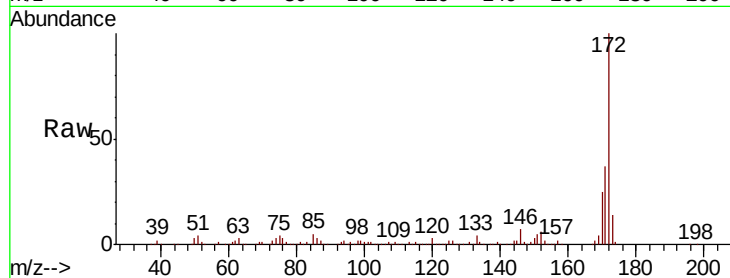
#45
2-Fluorobiphenyl
Concen: 60.477 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.0
170	25.0	20.1	30.1

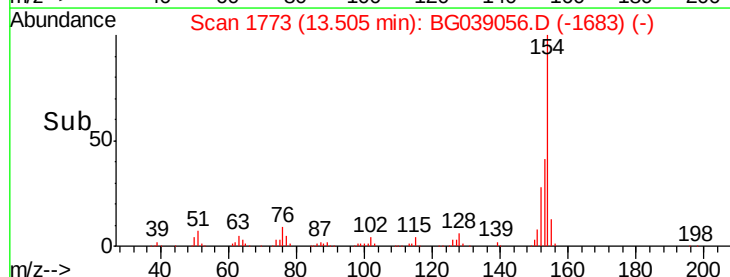
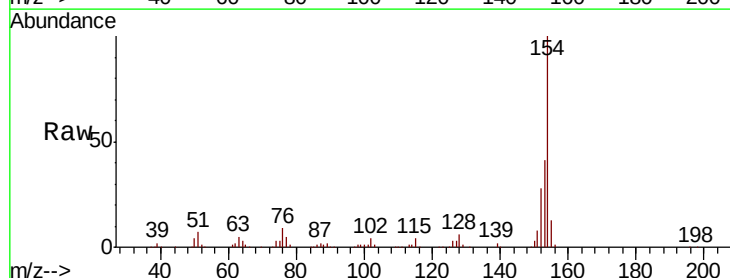
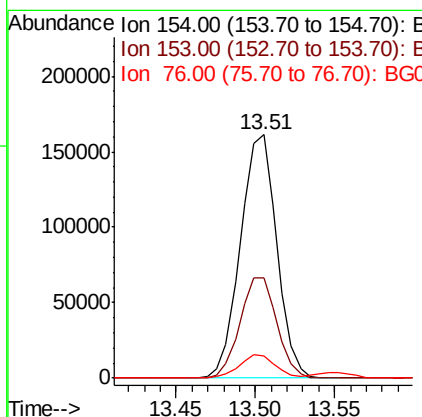
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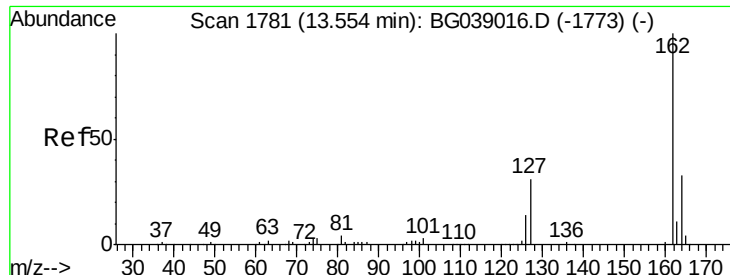
Sohil
1/11/2019 4:44:29 PM



#46
1,1'-Biphenyl
Concen: 39.356 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.4	62.4
76	9.1	0.0	29.4





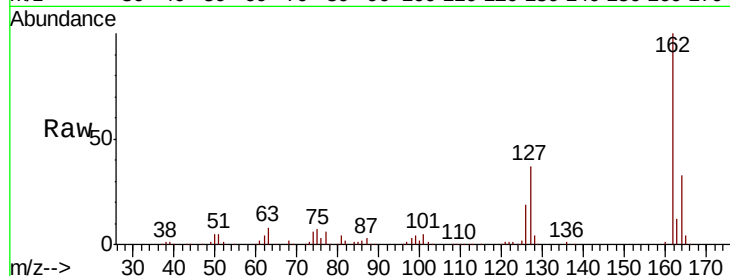
#47
 2-Chloronaphthalene
 Concen: 39.502 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116291BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	28.4	42.6
164	32.7	26.3	39.5

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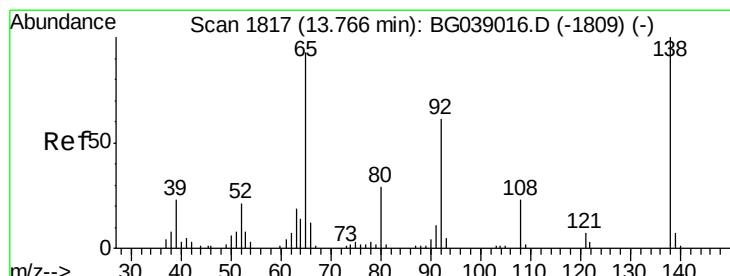
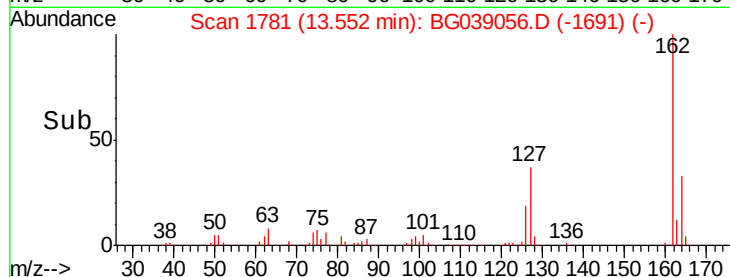
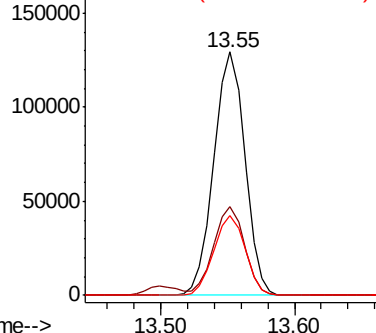


Abundance

Ion 162.00 (161.70 to 162.70): E

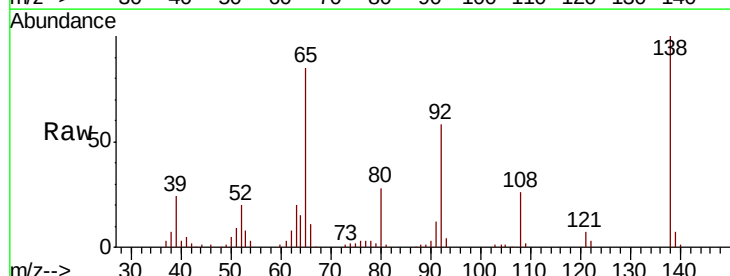
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 43.131 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	52.2	78.4
138	117.8	86.0	129.0

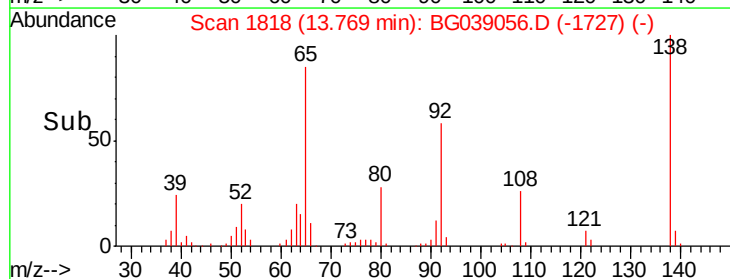
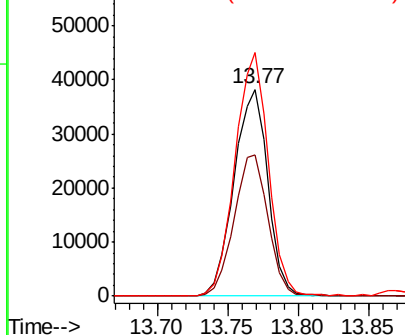


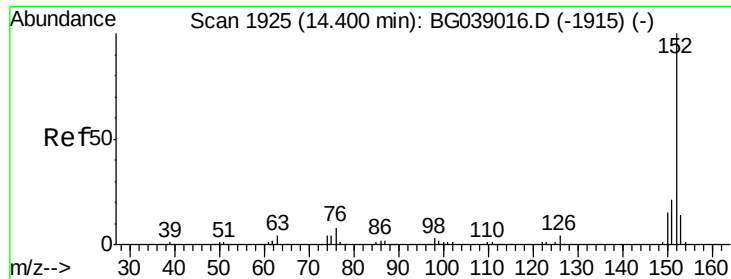
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.117 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

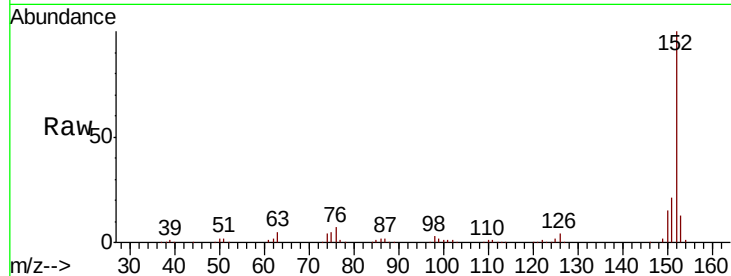
ClientSampleId :

PB116291BSD

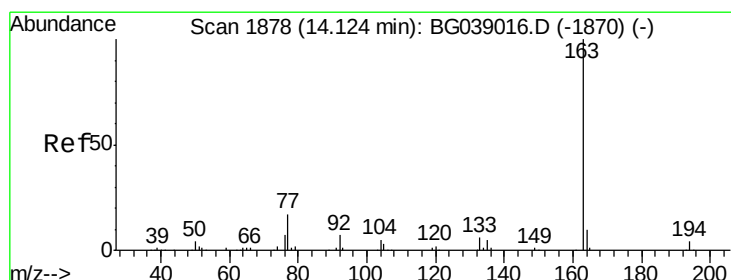
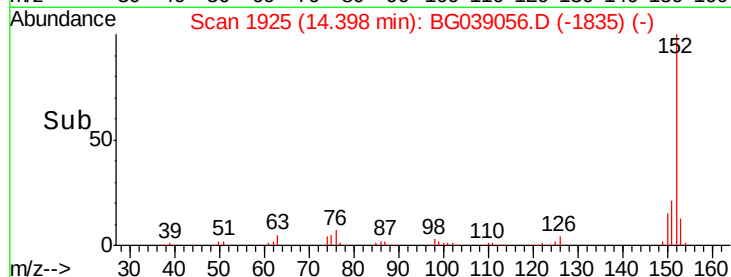
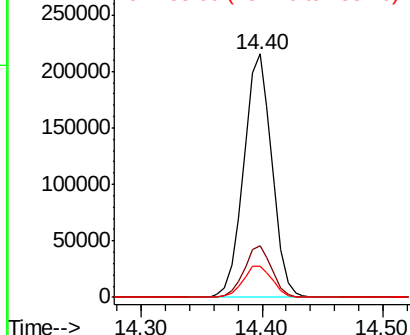
Tot Ion:	152	Resp:	349805
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.0	25.4
153	12.9	11.2	16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.373 ng

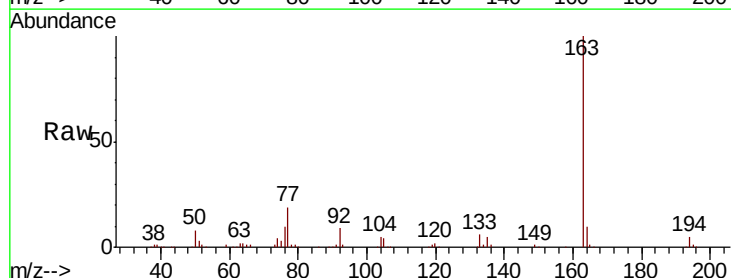
RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

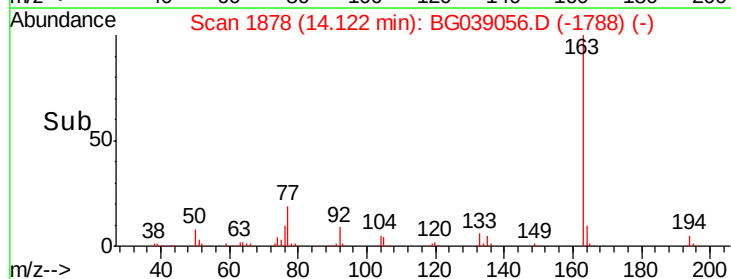
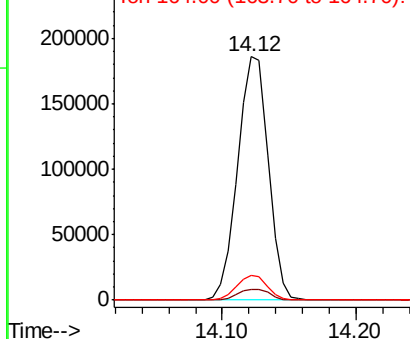
Lab File: BG039056.D

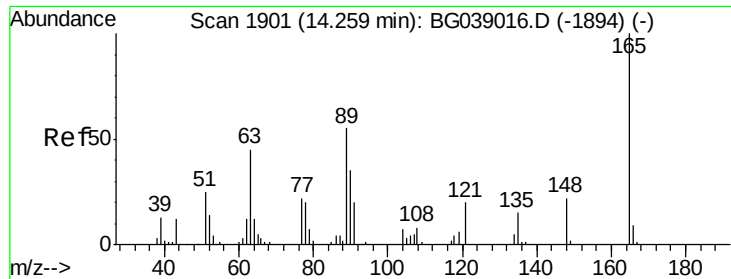
Acq: 10 Jan 2019 17:22

Tgt Ion:	163	Resp:	294582
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.3	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





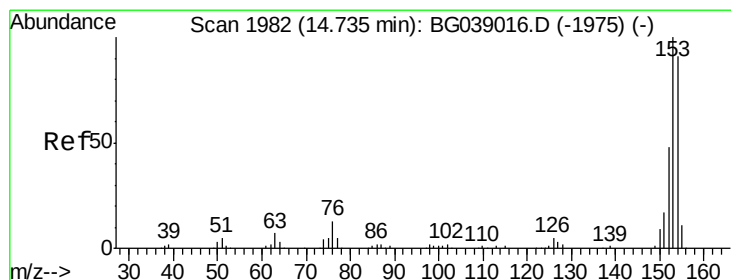
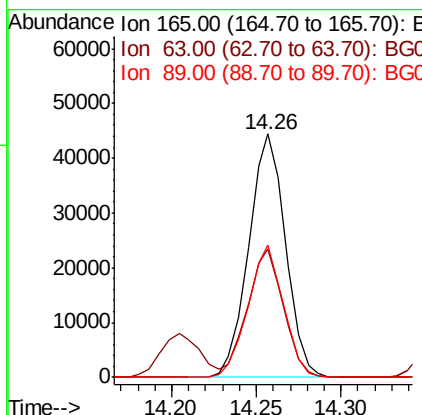
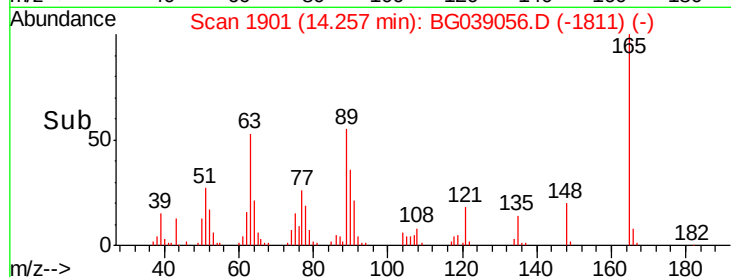
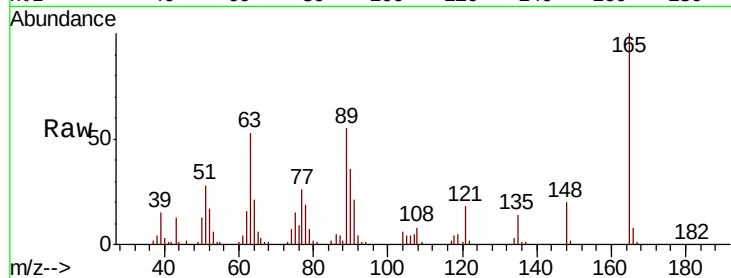
#51
 2,6-Dinitrotoluene
 Concen: 43.009 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116291BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	66850		
63	52.7		43.6	65.4
89	54.5		43.7	65.5

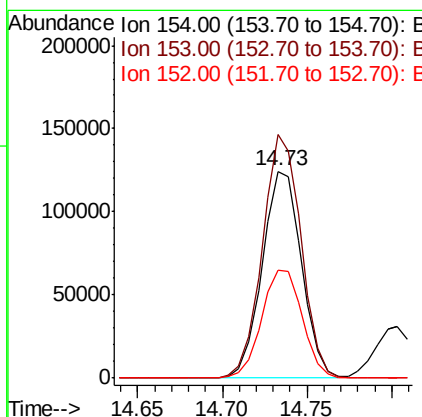
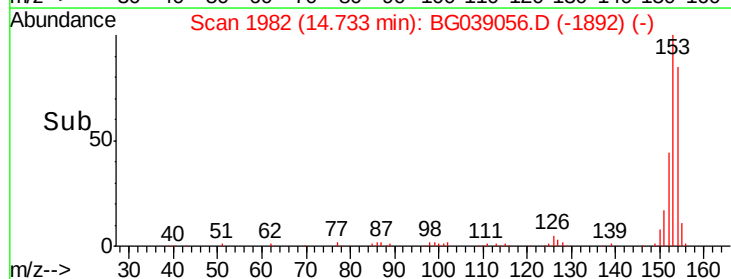
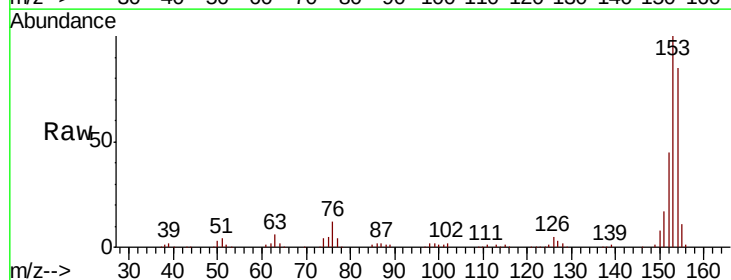
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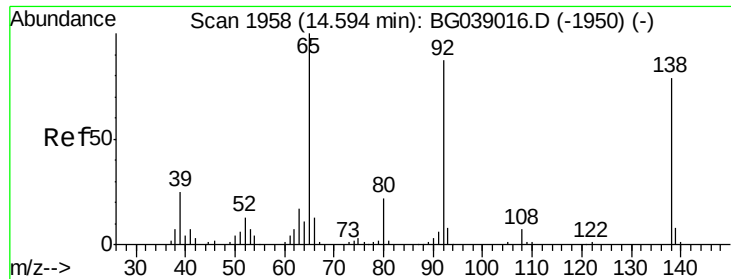
Sohil
 1/11/2019 4:44:29 PM



#52
 Acenaphthene
 Concen: 42.252 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	201285		
153	117.6		87.9	131.9
152	52.4		42.2	63.2





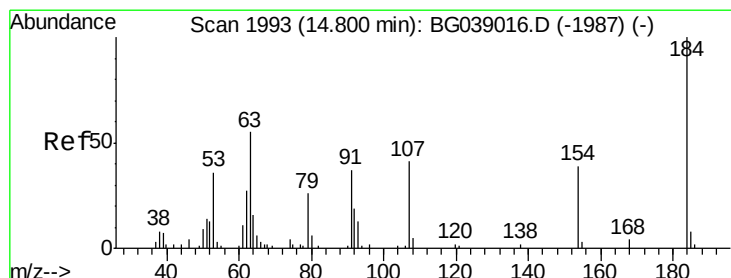
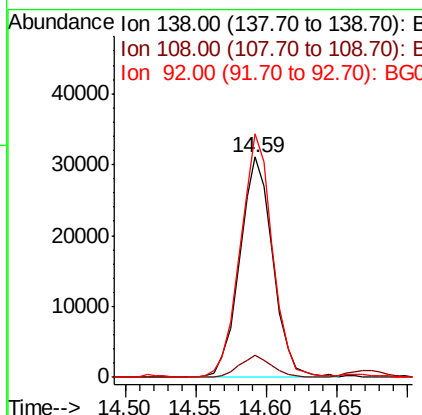
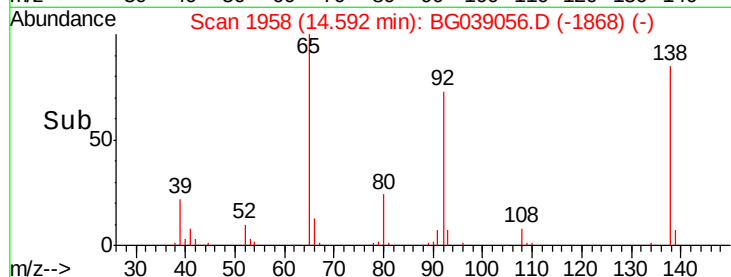
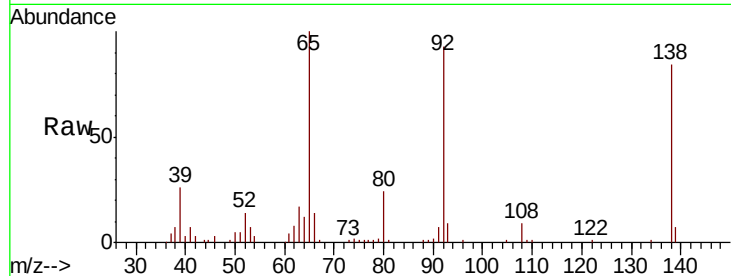
#53
3-Nitroaniline
Concen: 32.158 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.0
92	110.7	88.2	132.4

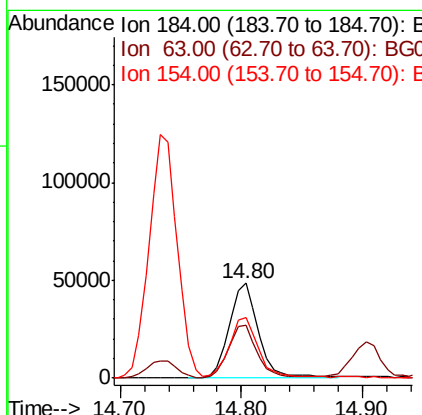
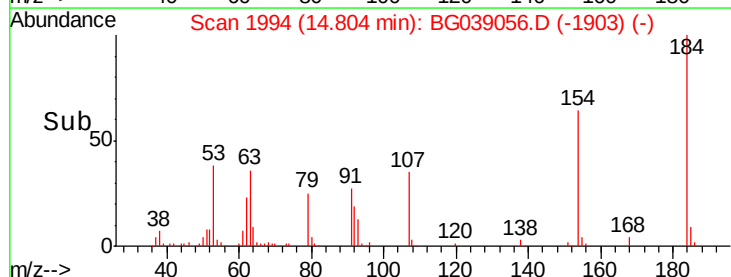
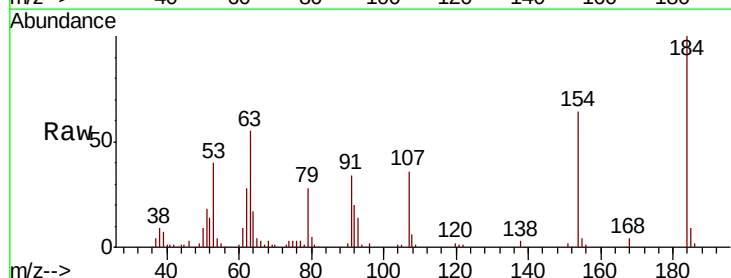
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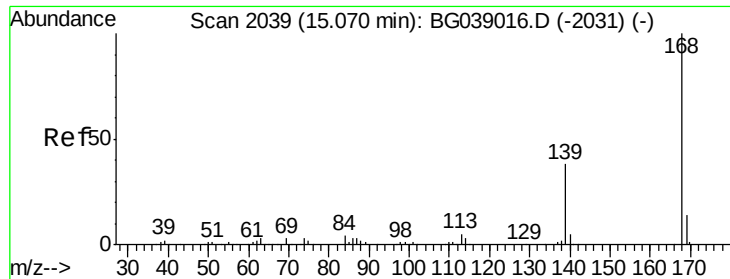
Sohil
1/11/2019 4:44:29 PM



#54
2,4-Dinitrophenol
Concen: 88.283 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.1	44.0	66.0
154	63.5	46.1	69.1





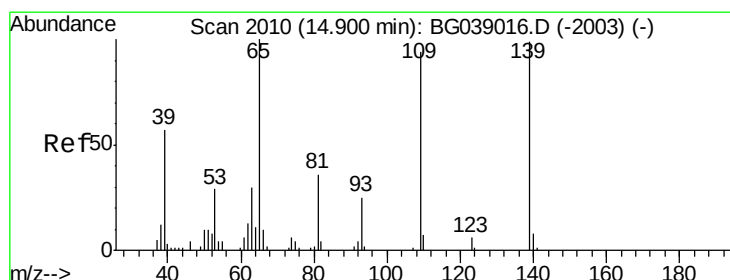
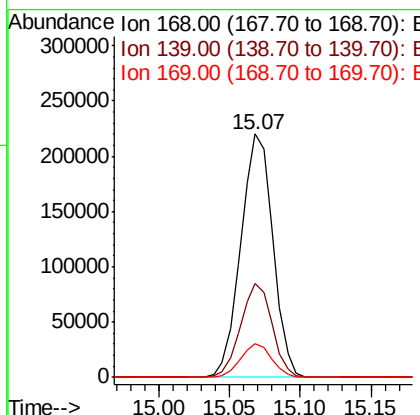
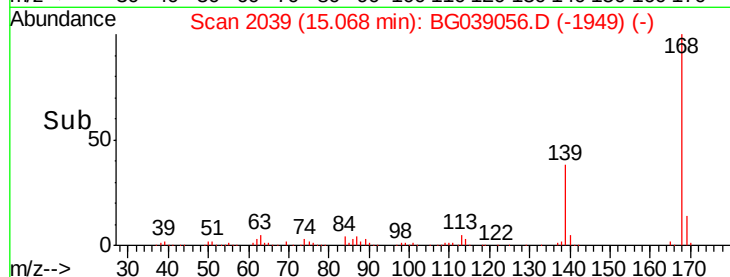
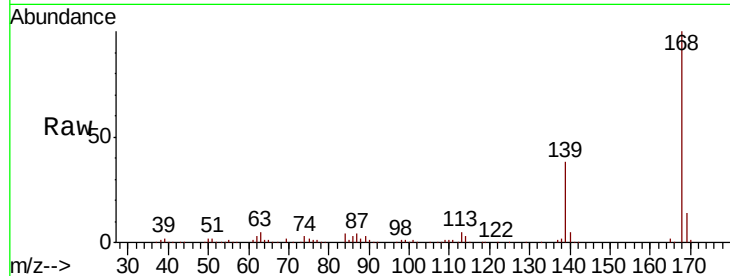
#55
Dibenzenofuran
Concen: 41.715 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion:	168	Resp:	350977
Ion Ratio	Lower	Upper	
168	100		
139	38.4	30.1	45.1
169	14.0	10.9	16.3

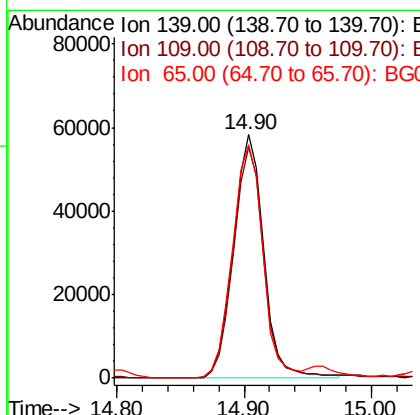
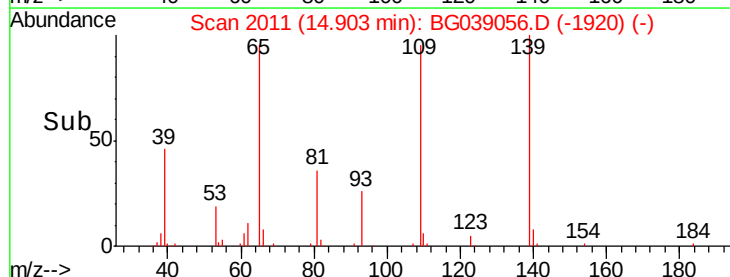
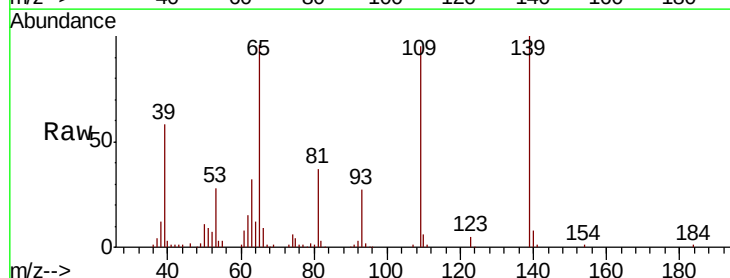
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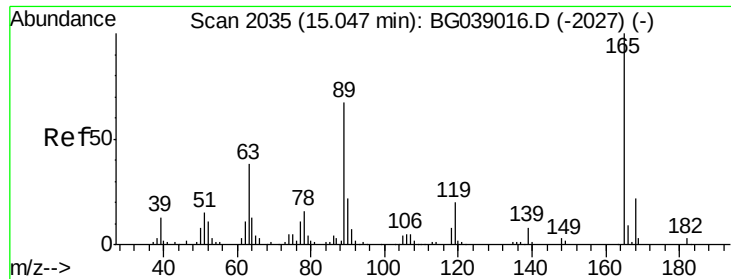
Sohil
1/11/2019 4:44:29 PM



#56
4-Nitrophenol
Concen: 84.383 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion:	139	Resp:	95734
Ion Ratio	Lower	Upper	
139	100		
109	94.8	75.6	115.6
65	96.0	81.2	121.2





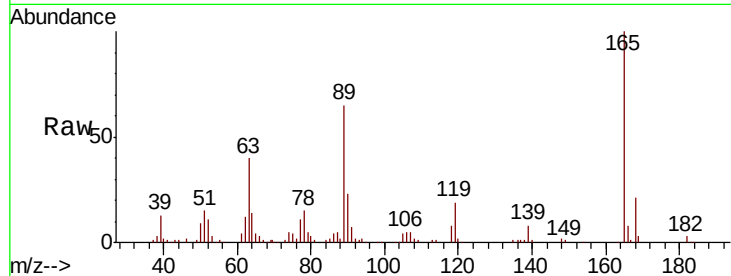
#57
 2,4-Dinitrotoluene
 Concen: 43.918 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampled :
 PB116291BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	40.3	30.2	45.4
89	64.5	53.2	79.8
182	3.0	2.7	4.1

Manual Integrations
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Sohil
 1/11/2019 4:44:29 PM



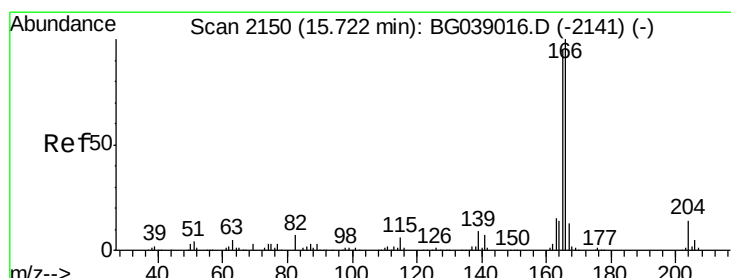
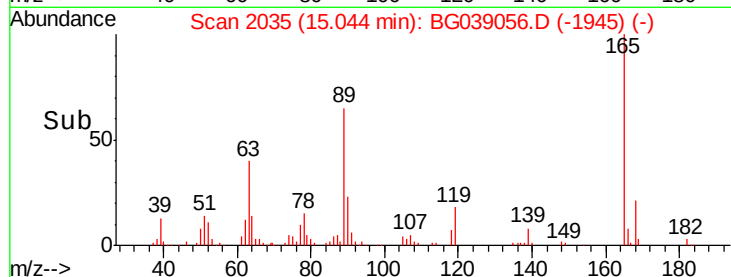
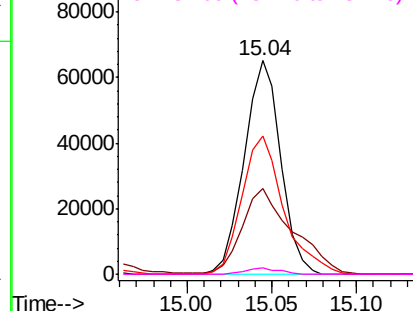
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

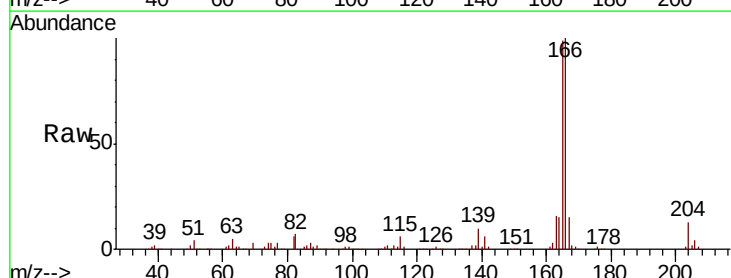
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.266 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.6	76.2	114.2
167	14.5	10.6	16.0

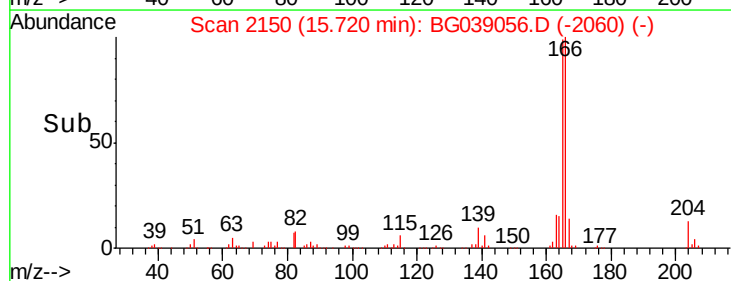
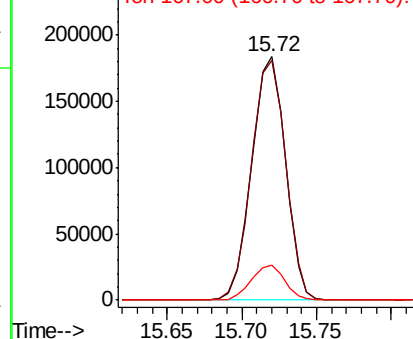


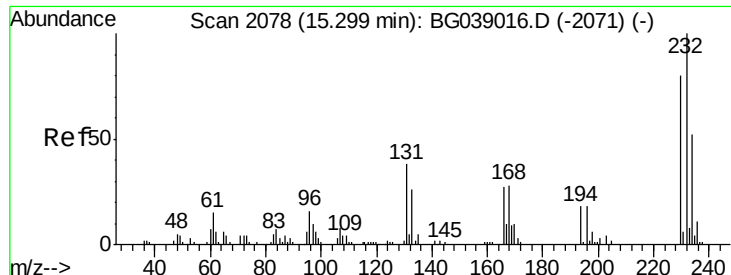
Abundance

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





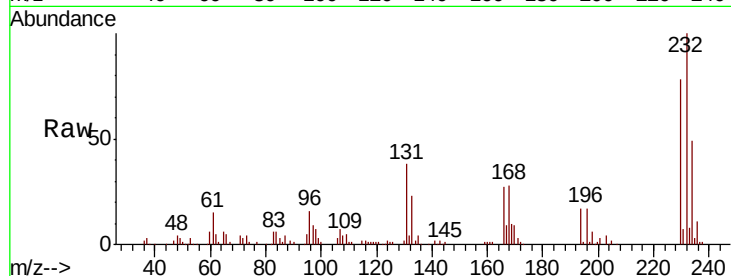
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.032 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.9	30.9	46.3
130	2.3	1.9	2.9
166	26.5	22.1	33.1

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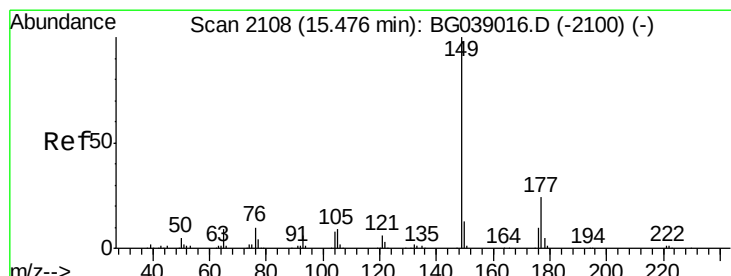
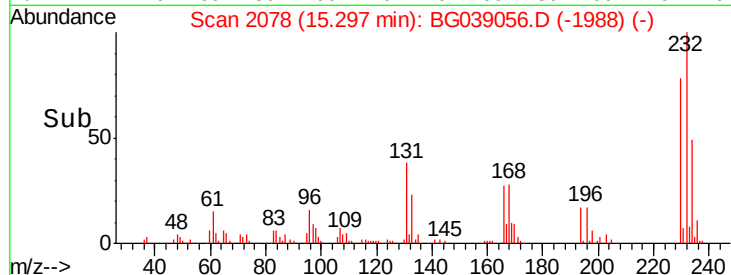
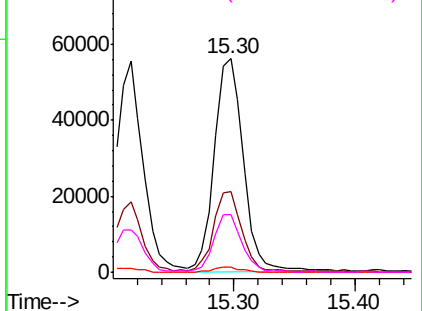
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

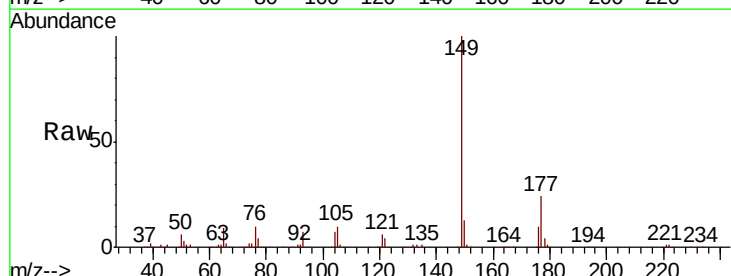
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.881 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.0	28.6
150	13.0	10.2	15.4

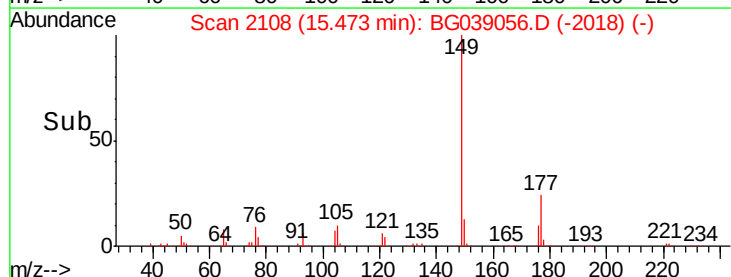
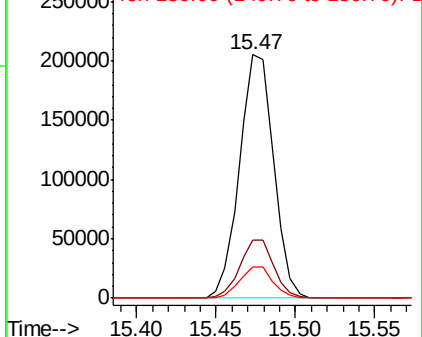


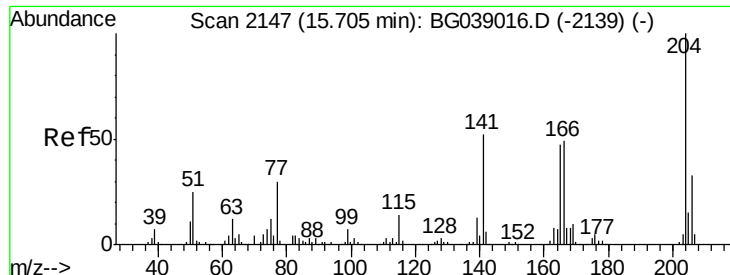
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





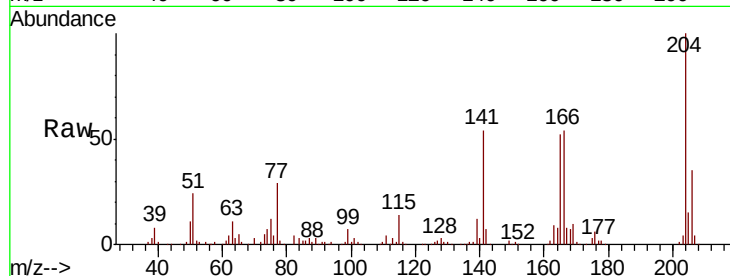
#61
4-Chlorophenyl-phenylether
Concen: 41.246 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampled :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	26.6	39.8
141	53.6	41.4	62.0

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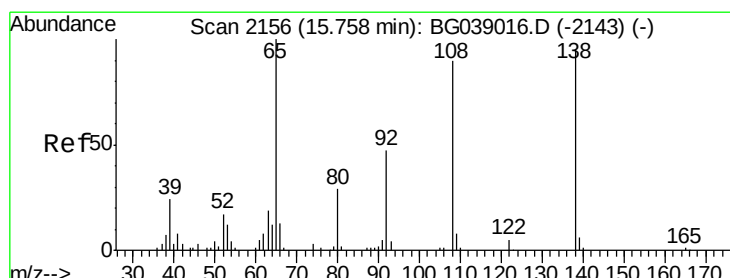
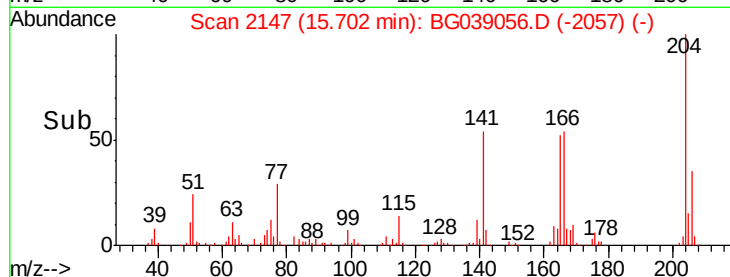
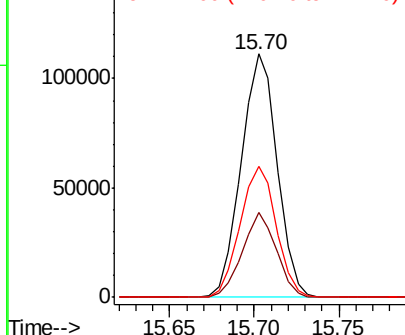


Abundance

Ion 204.00 (203.70 to 204.70): E

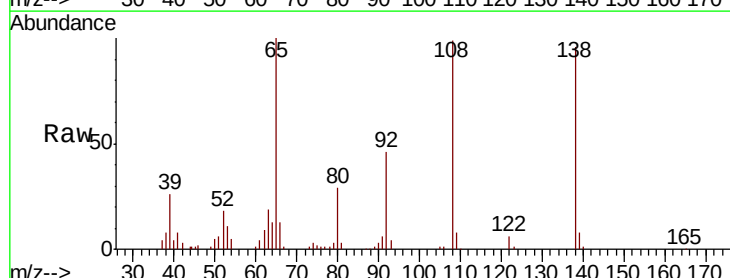
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.250 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	29.7	69.7
108	103.1	75.7	115.7

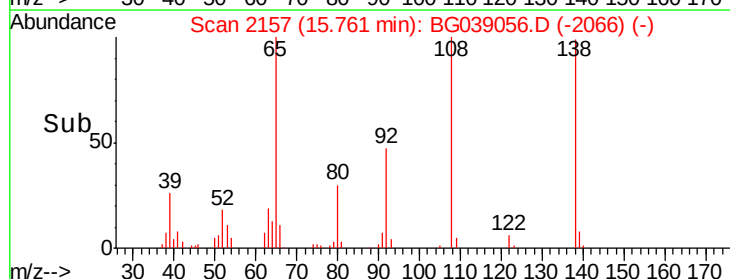
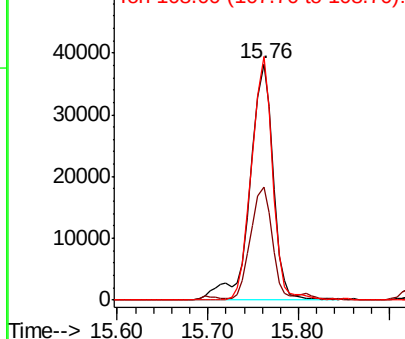


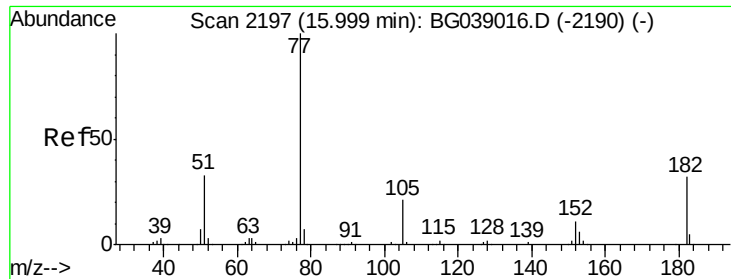
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





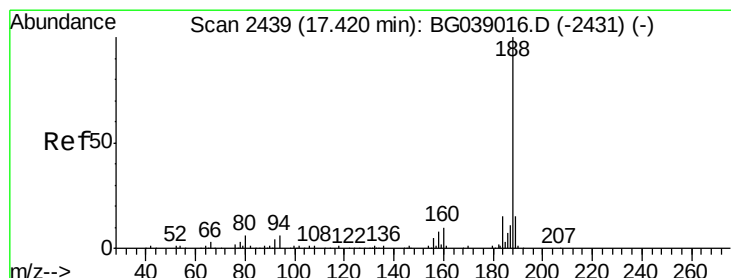
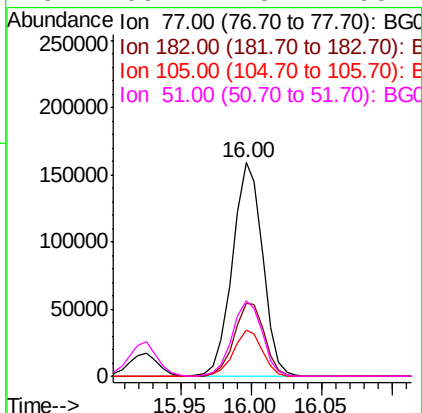
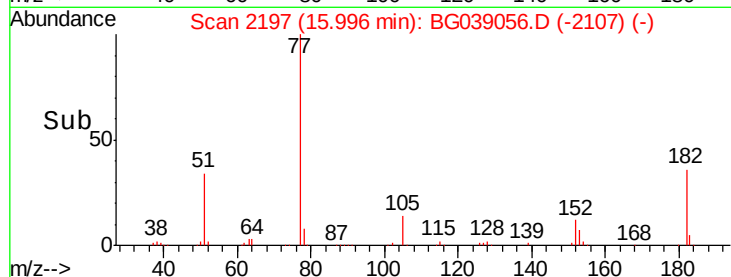
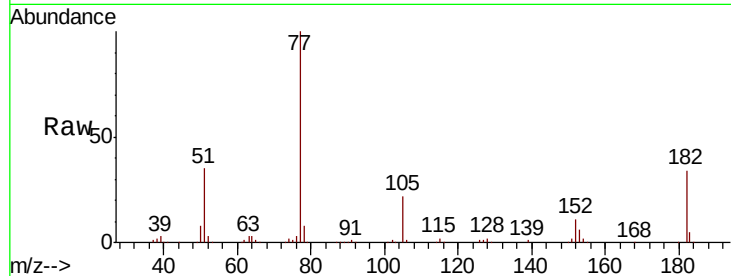
#63
Azobenzene
Concen: 42.256 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	34.4	12.2	52.2
105	21.7	1.2	41.2
51	35.1	13.4	53.4

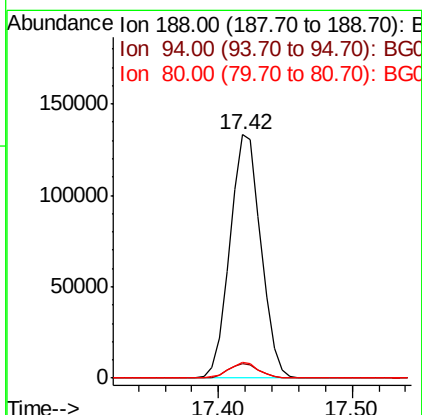
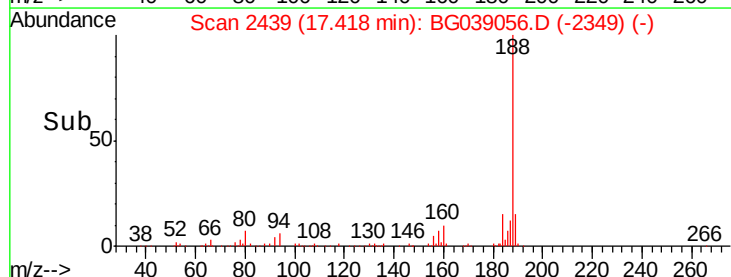
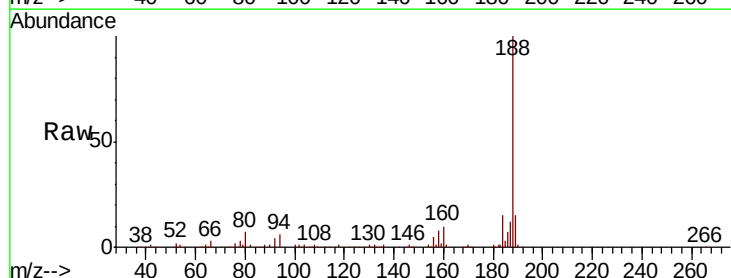
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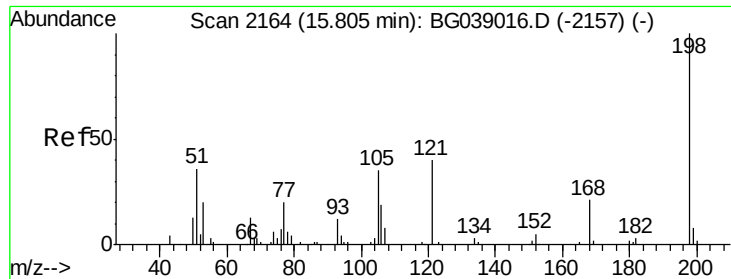
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.0	7.4
80	6.5	4.7	7.1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.326 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

ClientSampled :

PB116291BSD

Tot Ion:198 Resp: 62729

Ion Ratio Lower Upper

198 100

51 39.1 20.8 60.8

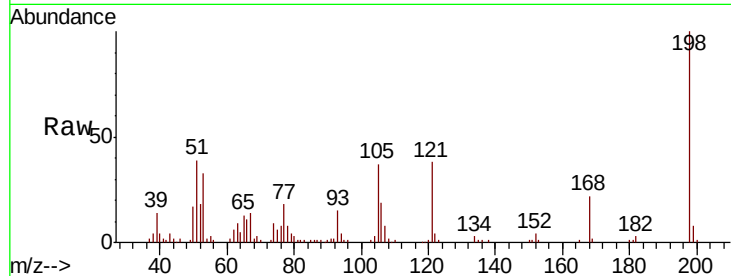
105 37.4 16.1 56.1

Manual Integrations

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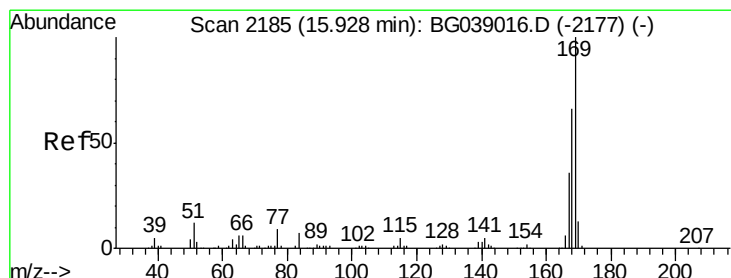
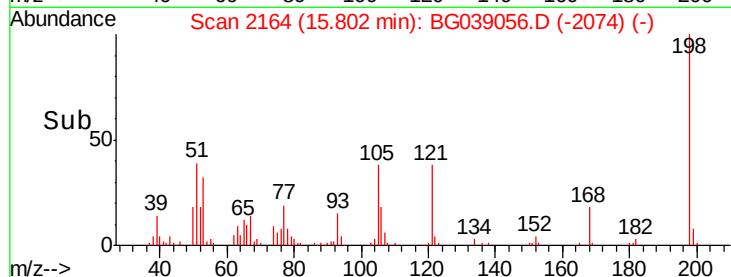
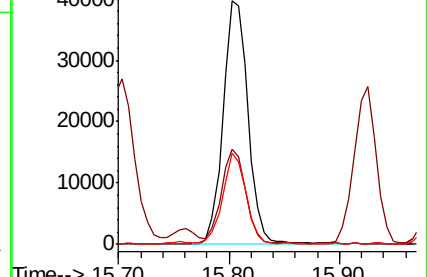
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.795 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

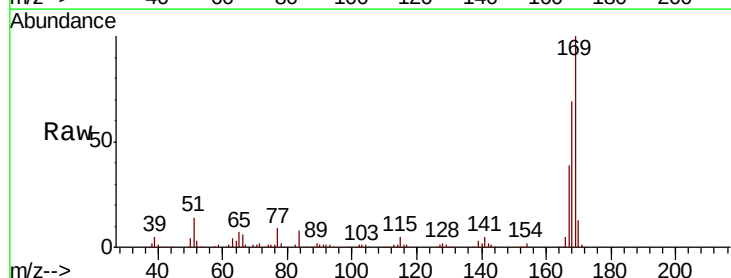
Tgt Ion:169 Resp: 266763

Ion Ratio Lower Upper

169 100

168 68.6 53.2 79.8

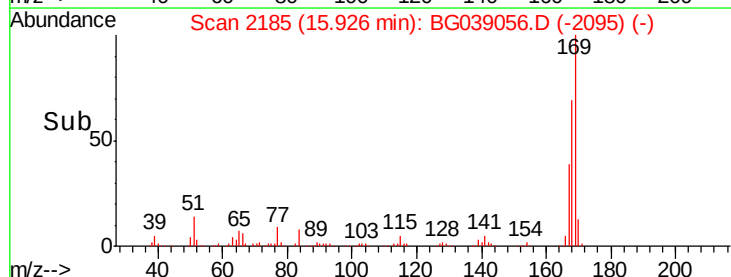
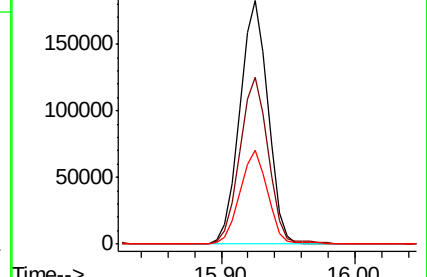
167 38.7 29.1 43.7

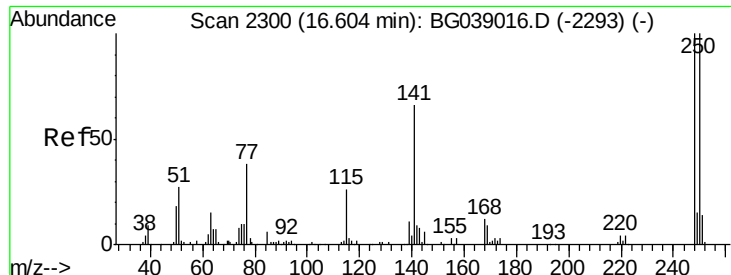


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





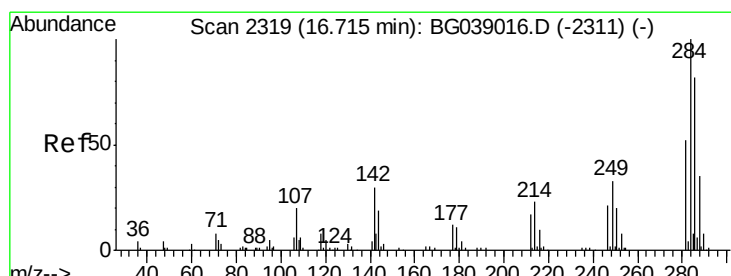
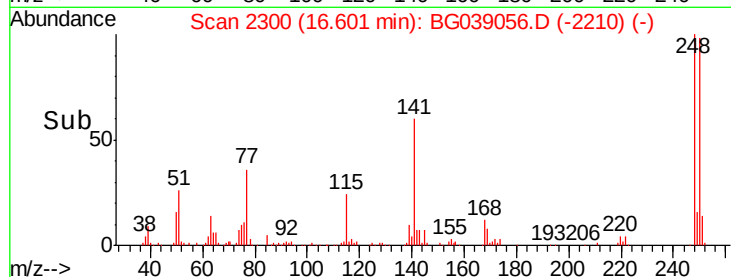
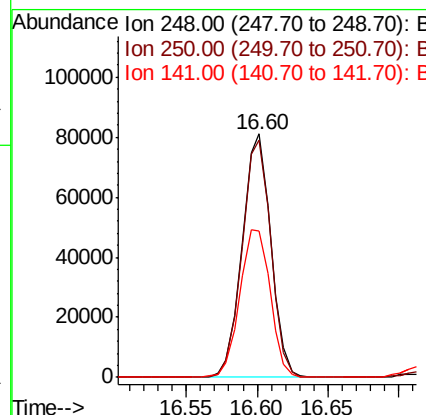
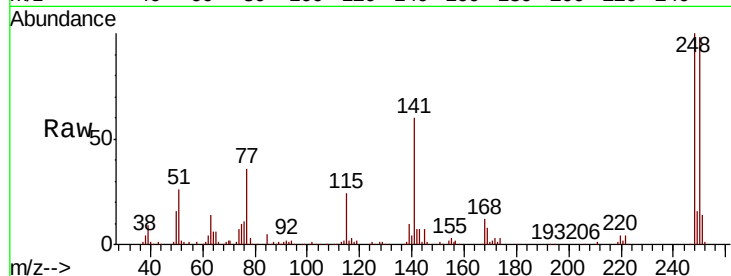
#67
 4-Bromophenyl-phenylether
 Concen: 41.542 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleID :
 PB116291BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.9	119.9
141	60.3	52.7	79.1

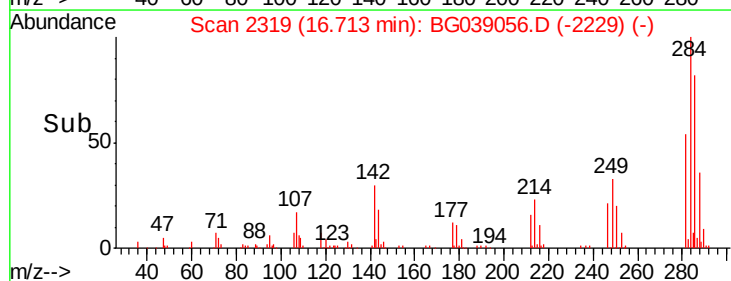
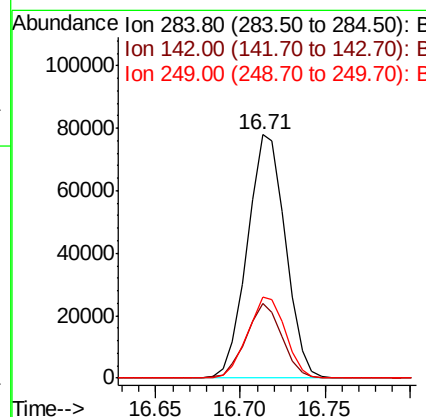
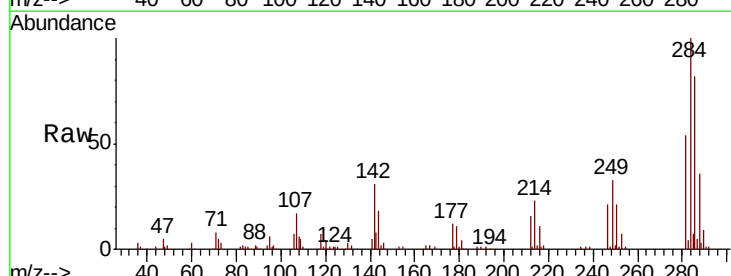
Manual Integrations
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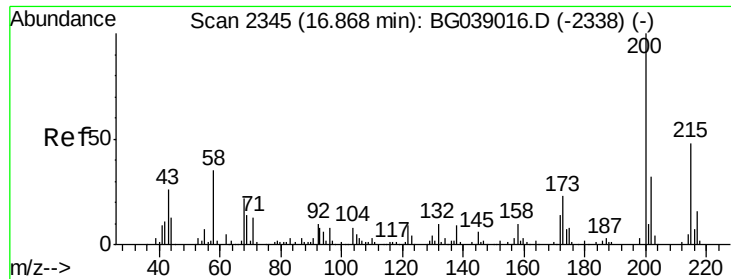
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#68
 Hexachlorobenzene
 Concen: 40.545 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.3	36.5
249	35.8	27.8	41.8





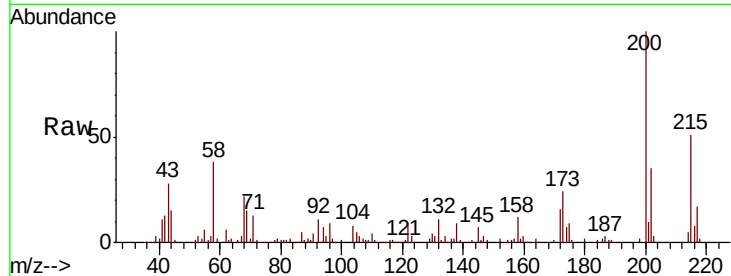
#69
 Atrazine
 Concen: 39.187 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116291BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.0	2.6	42.6
215	51.1	28.0	68.0

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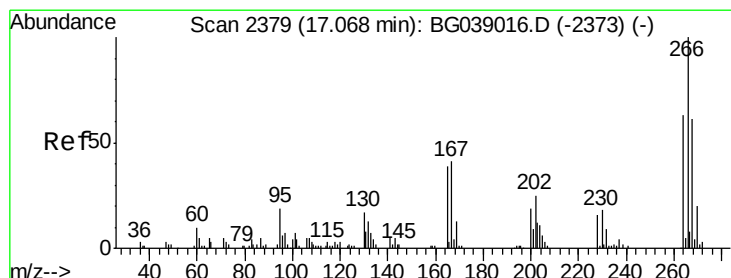
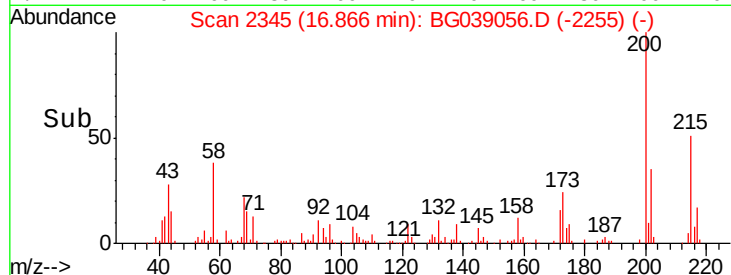
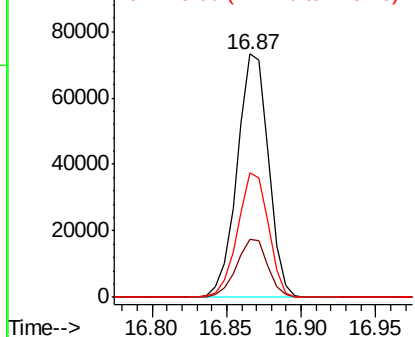


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 67.562 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

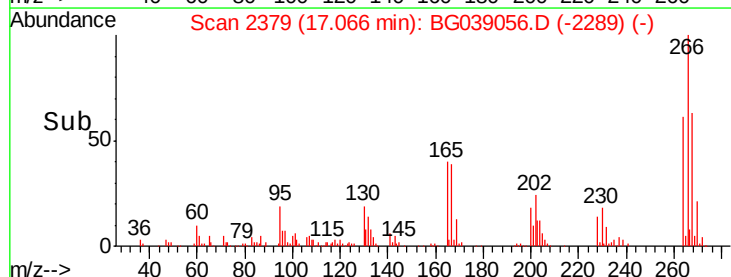
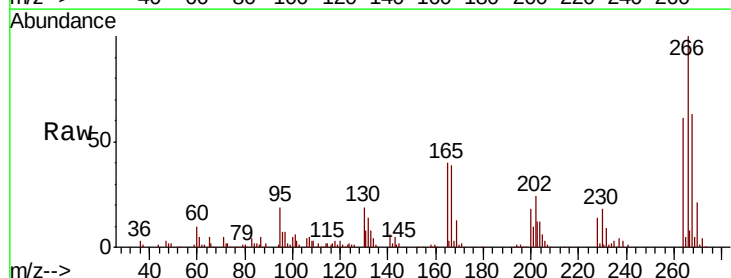
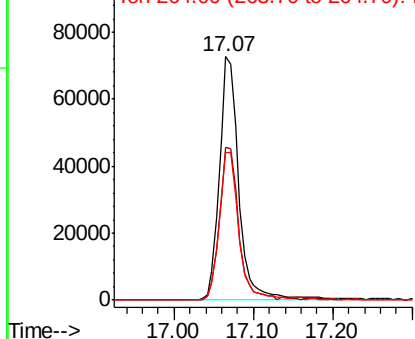
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.4	52.0	78.0
264	65.2	54.6	81.8

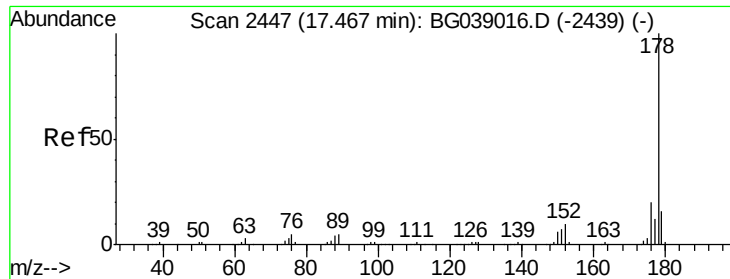
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





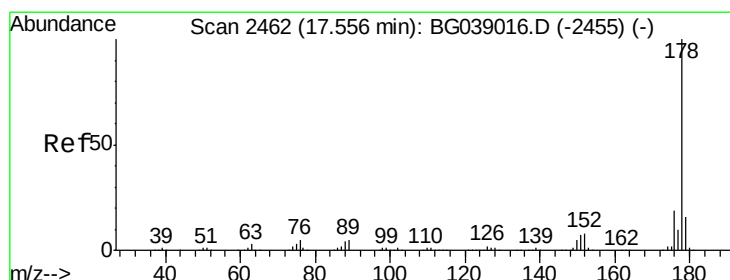
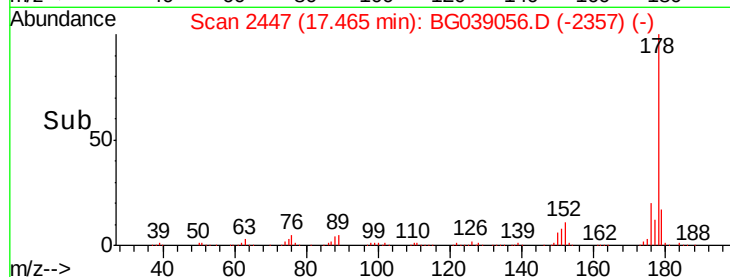
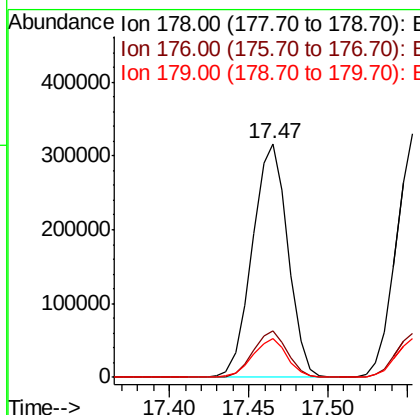
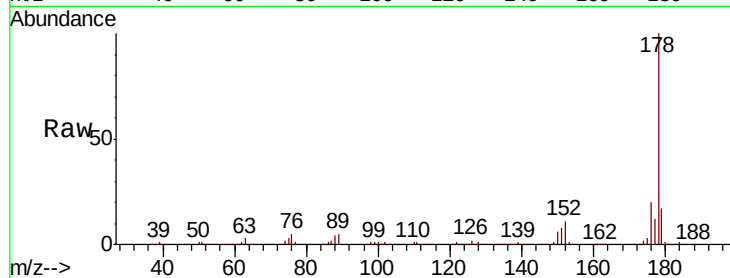
#71
 Phenanthrene
 Concen: 43.280 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116291BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	16.8	12.9	19.3

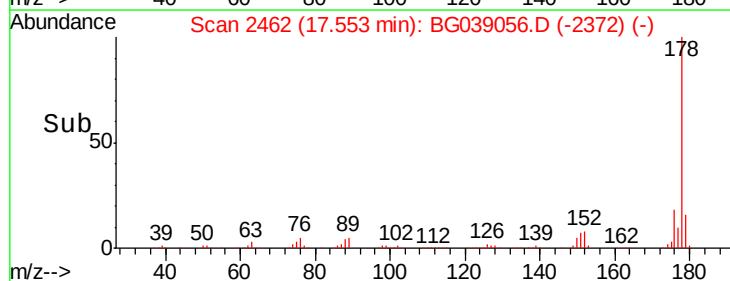
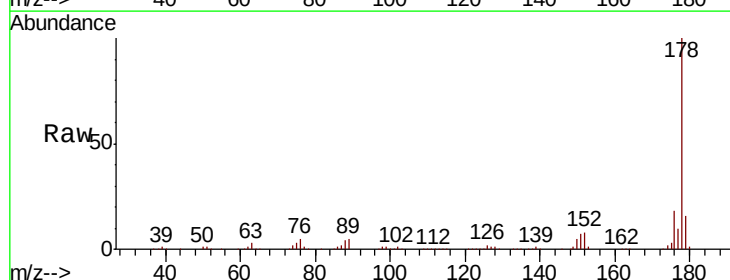
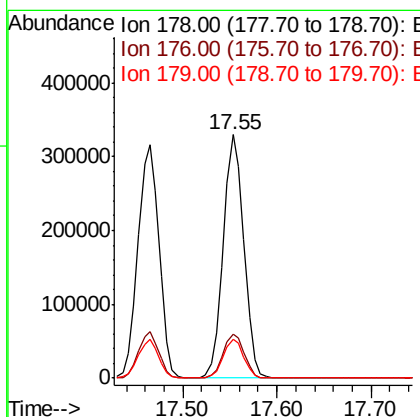
Manual Integrations
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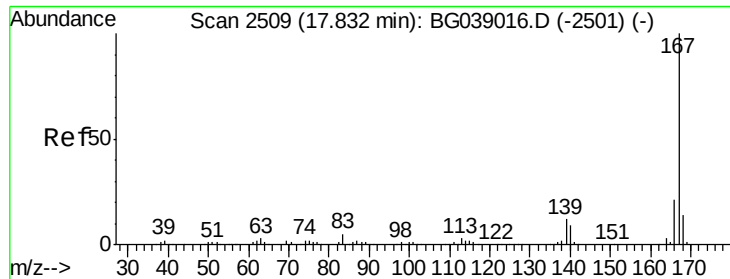
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#72
 Anthracene
 Concen: 44.545 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	16.0	13.0	19.4





#73

Carbazole

Concen: 37.506 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

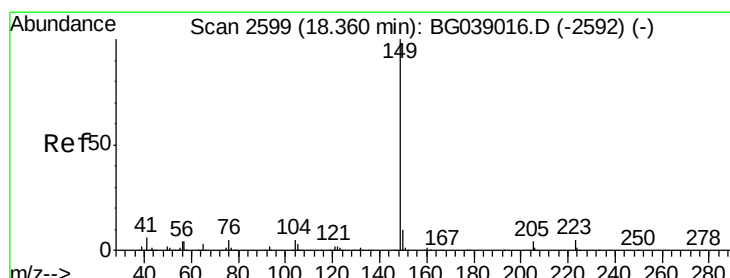
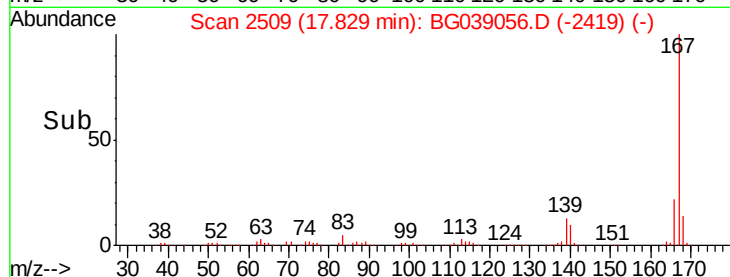
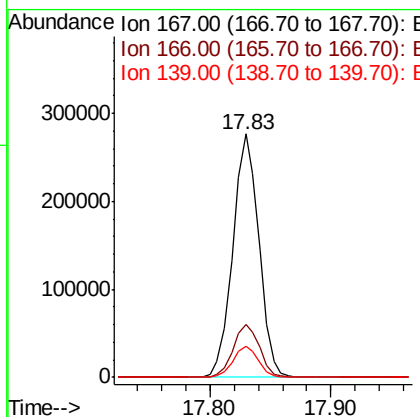
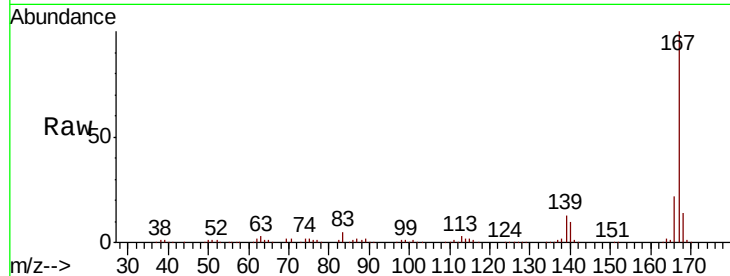
ClientSampleId :

PB116291BSD

Tot Ion:	167	Resp:	416608
Ion Ratio	Lower	Upper	
167	100		
166	21.6	16.9	25.3
139	12.7	10.0	15.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 40.432 ng

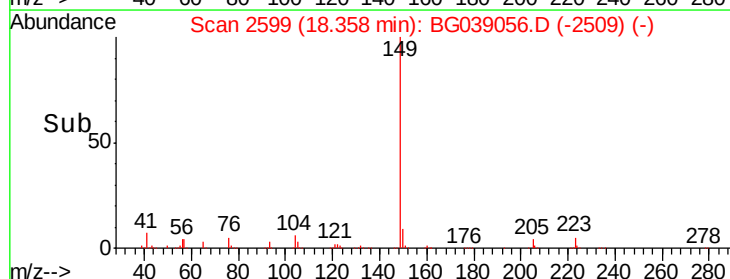
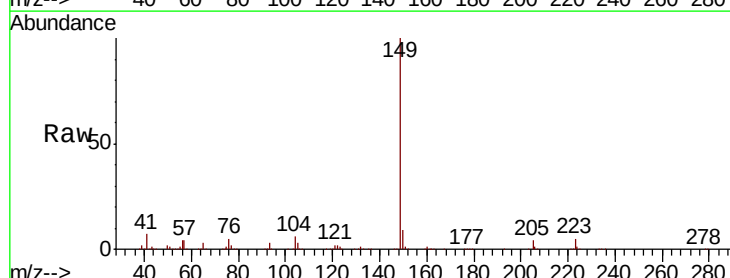
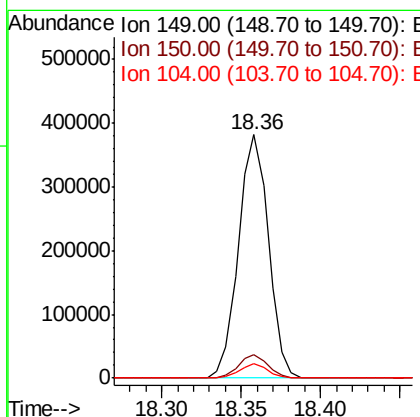
RT: 18.36 min Scan# 2599

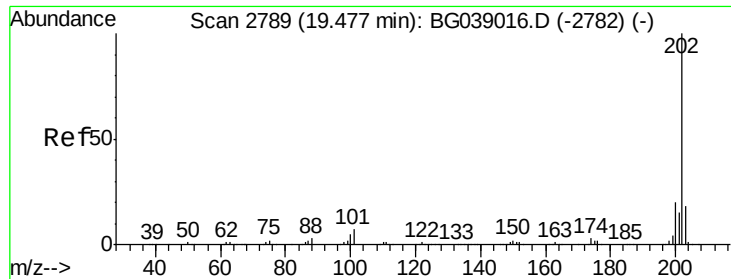
Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Tgt Ion:	149	Resp:	499619
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.9	11.9
104	5.8	4.2	6.2





#75

Fluoranthene

Concen: 39.553 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

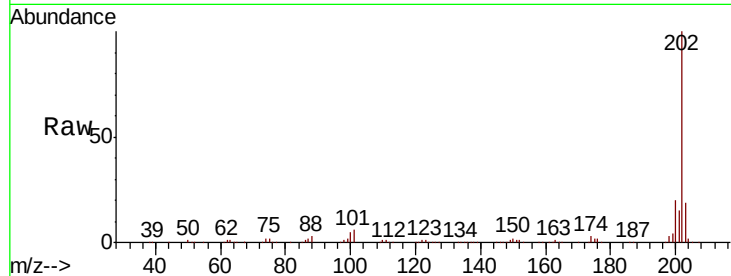
ClientSampleId :

PB116291BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	558005		
101	6.4	0.0	26.9	
203	18.6	0.0	38.1	

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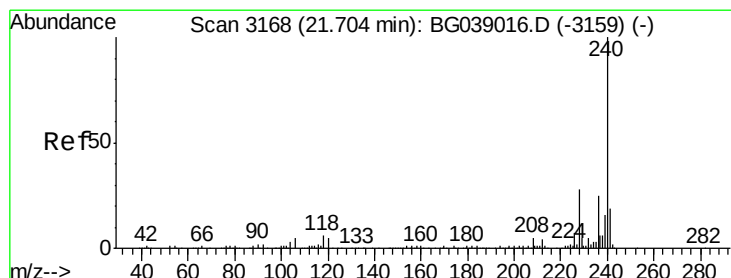
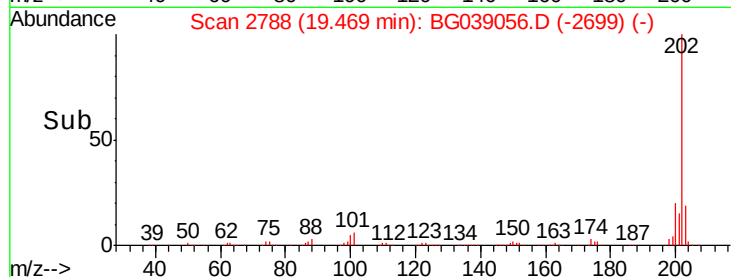
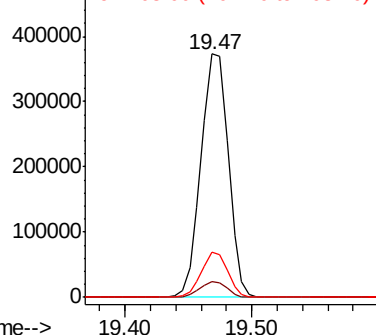


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

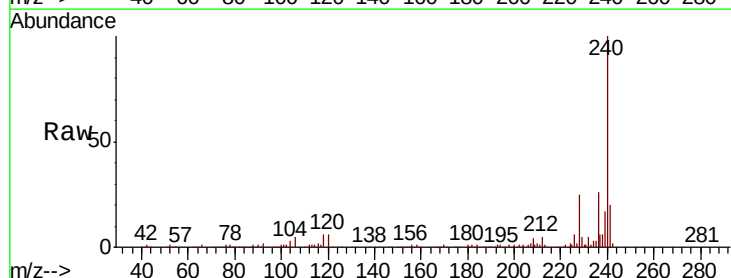
RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	184555		
120	6.3	4.3	6.5	
236	25.7	20.1	30.1	

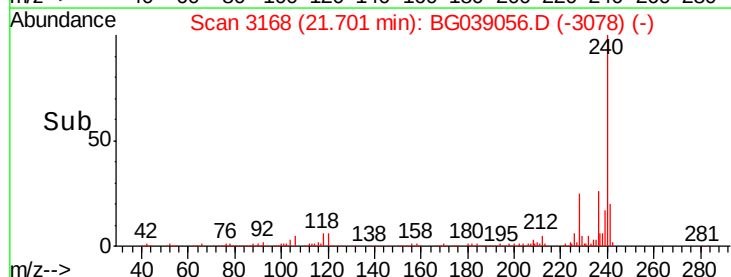
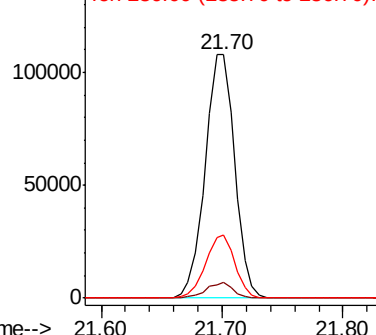


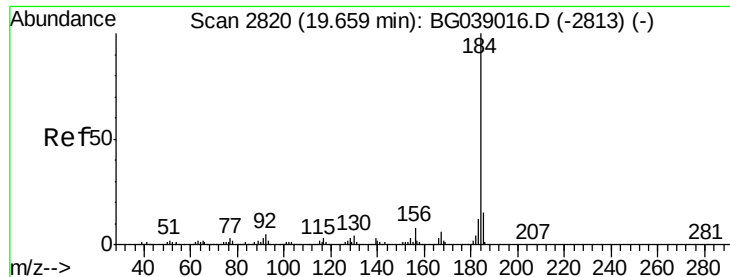
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.681 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

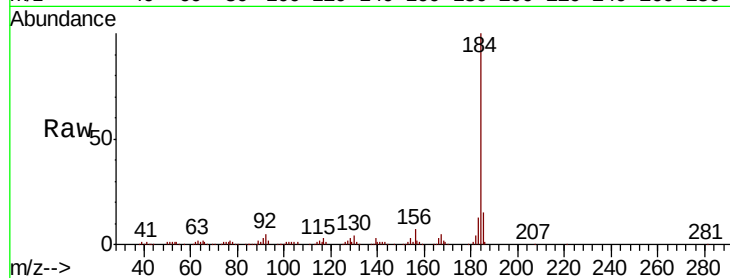
ClientSampleId :

PB116291BSD

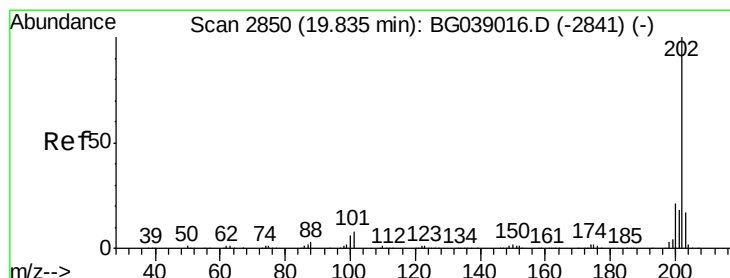
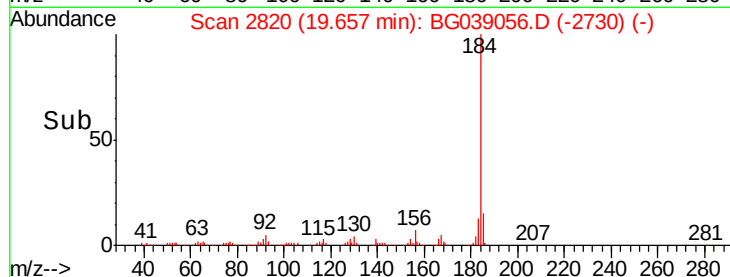
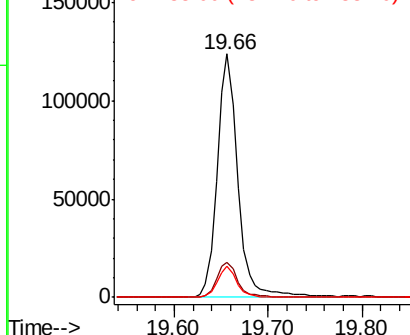
Tot Ion:	184	Resp:	190123
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.1	18.1
183	12.5	9.5	14.3

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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: 45.496 ng

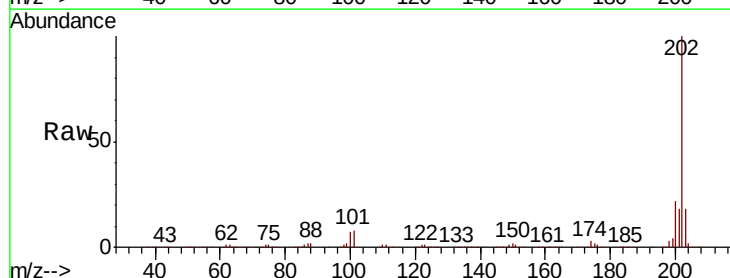
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

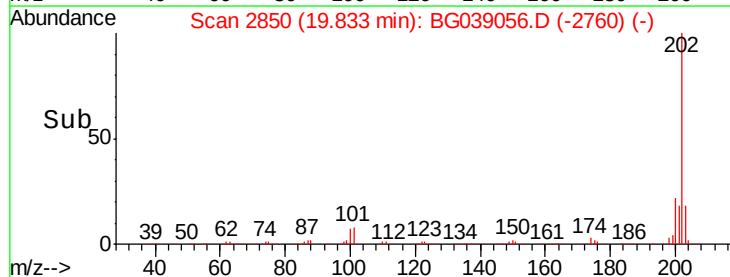
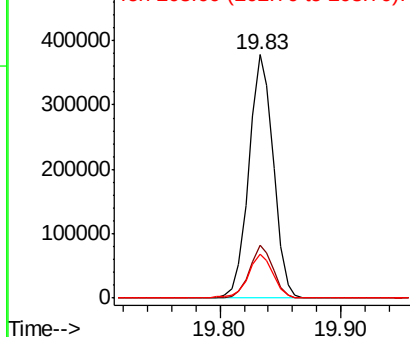
Lab File: BG039056.D

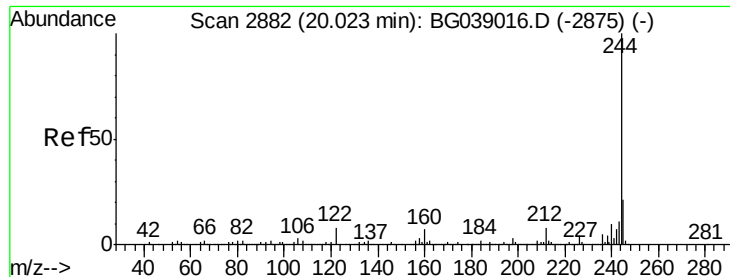
Acq: 10 Jan 2019 17:22

Tgt Ion:	202	Resp:	535102
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.6
203	17.9	14.0	21.0



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





#79

Terphenyl-d14

Concen: 69.721 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

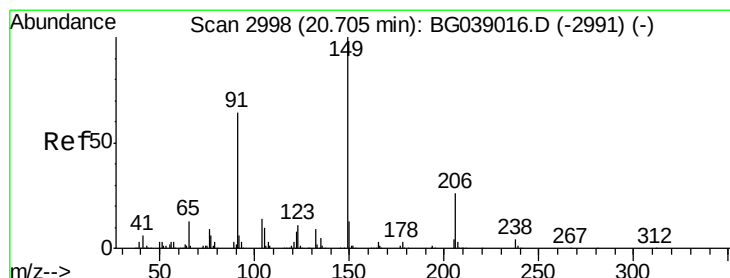
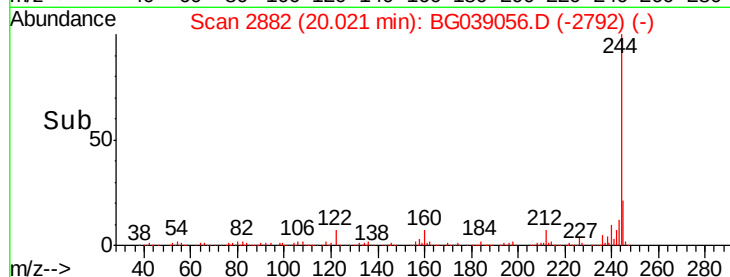
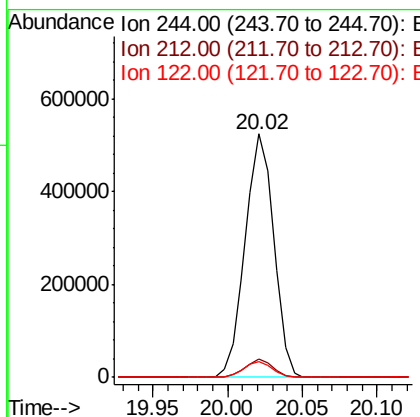
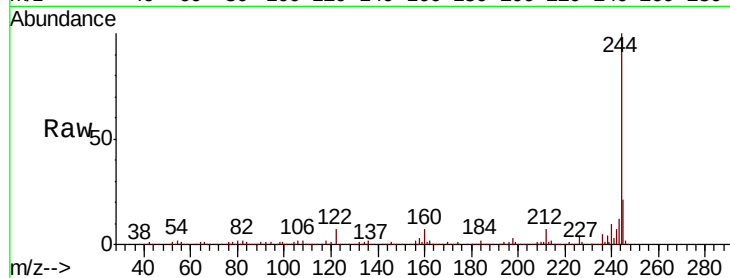
ClientSampleId :

PB116291BSD

Tot Ion:	244	Resp:	695575
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.1	9.1
122	6.7	6.1	9.1

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#80

Butylbenzylphthalate

Concen: 42.367 ng

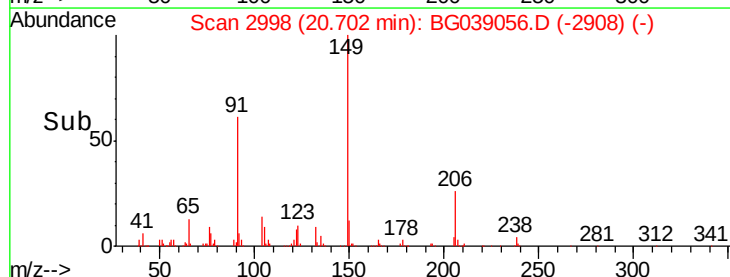
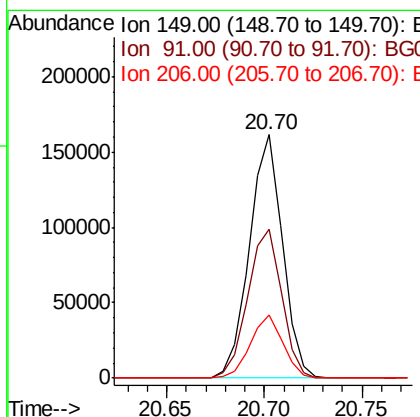
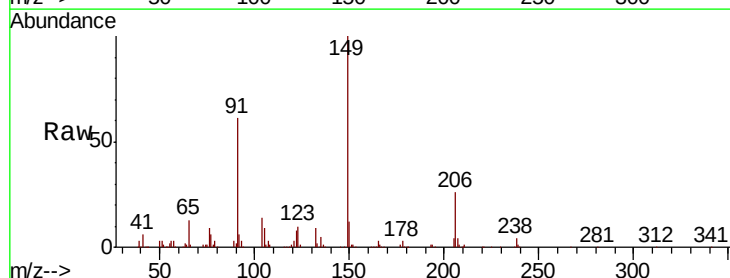
RT: 20.70 min Scan# 2998

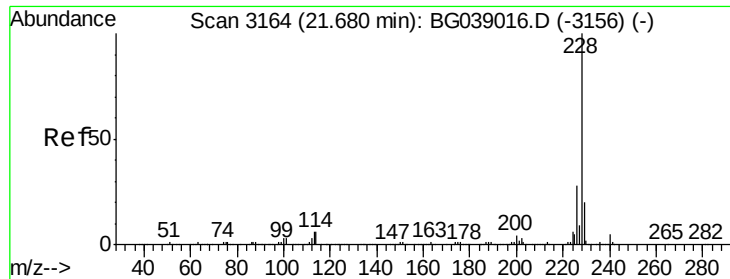
Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Tgt Ion:	149	Resp:	189520
Ion Ratio		Lower	Upper
149	100		
91	61.0	51.4	77.0
206	25.8	20.4	30.6





#81

Benzo(a)anthracene

Concen: 44.269 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

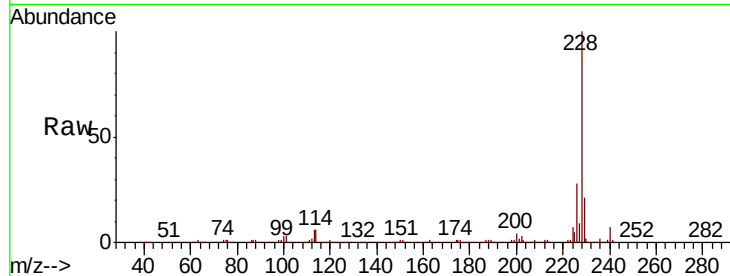
ClientSampleId :

PB116291BSD

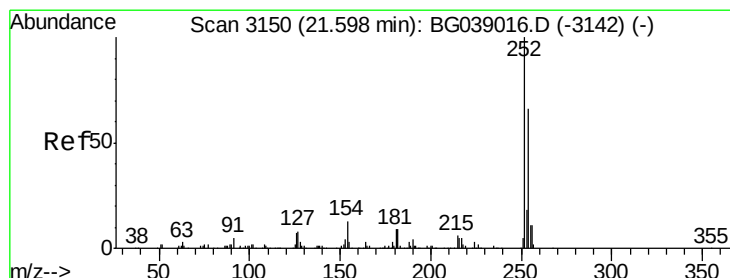
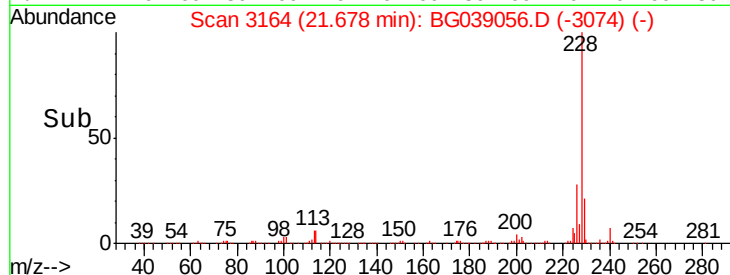
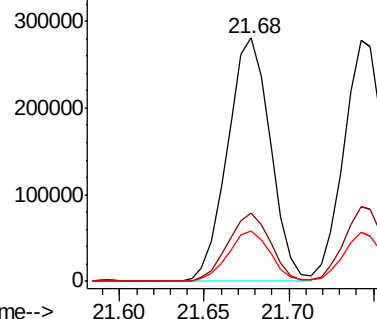
Tot Ion:	228	Resp:	497356
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.4	33.6
229	20.9	16.2	24.2

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



#82

3,3'-Dichlorobenzidine

Concen: 33.032 ng

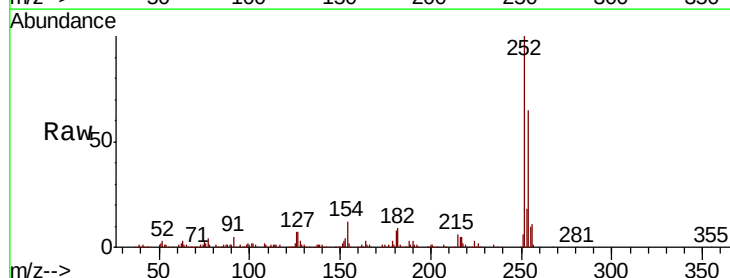
RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

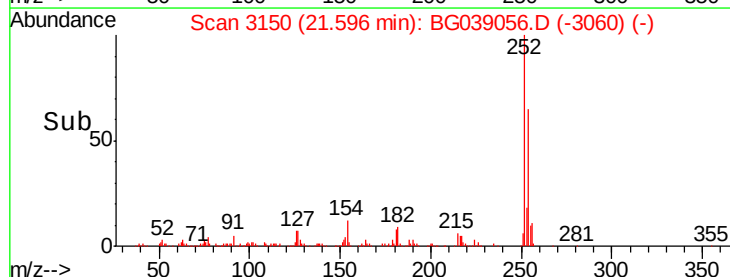
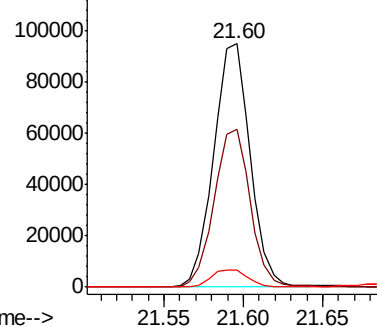
Lab File: BG039056.D

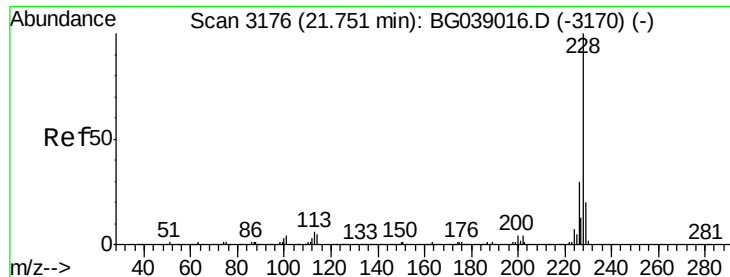
Acq: 10 Jan 2019 17:22

Tgt Ion:	252	Resp:	151208
Ion Ratio	Lower	Upper	
252	100		
254	65.0	53.0	79.6
126	7.2	6.0	9.0



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





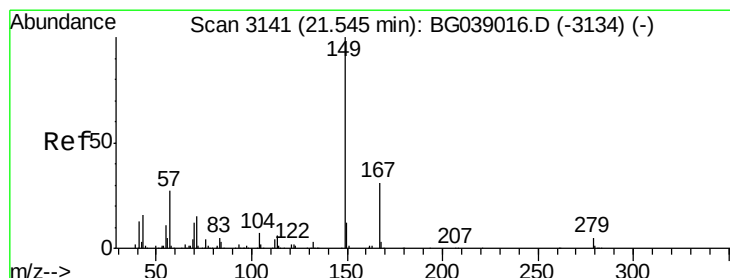
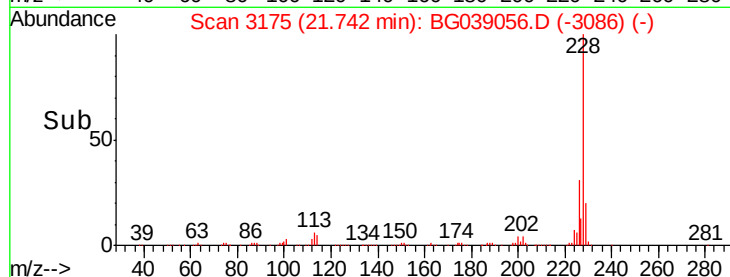
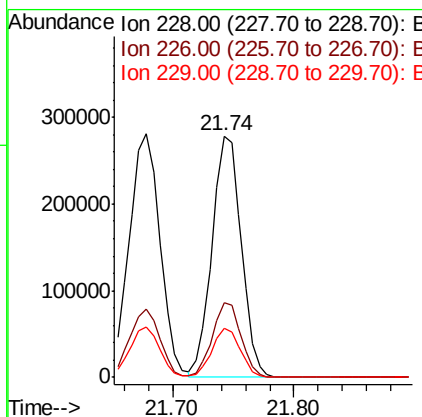
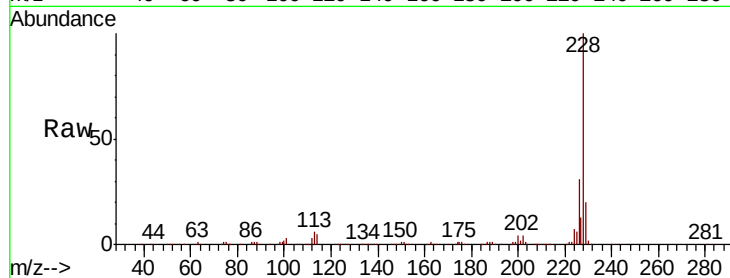
#83
 Chrysene
 Concen: 43.487 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.01 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116291BSD

Tot Ion:	228	Resp:	464668
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.1	36.1
229	20.2	16.0	24.0

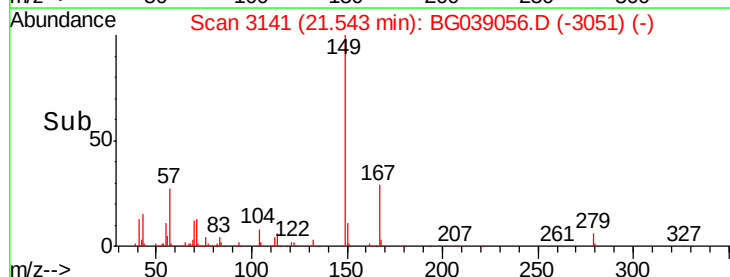
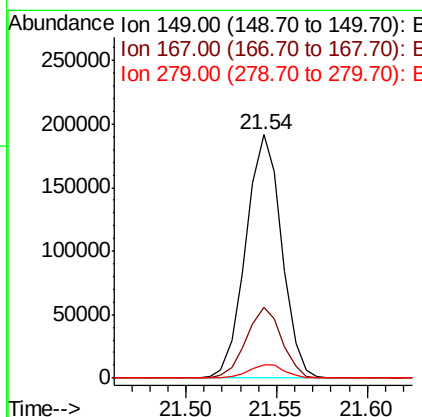
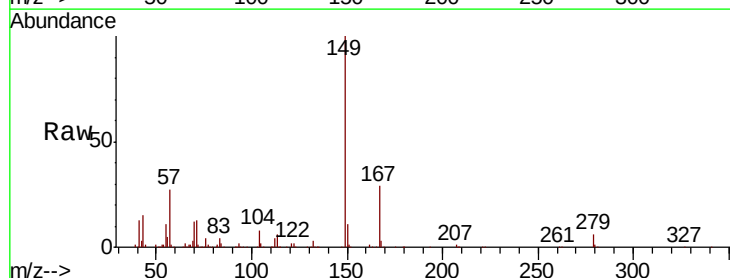
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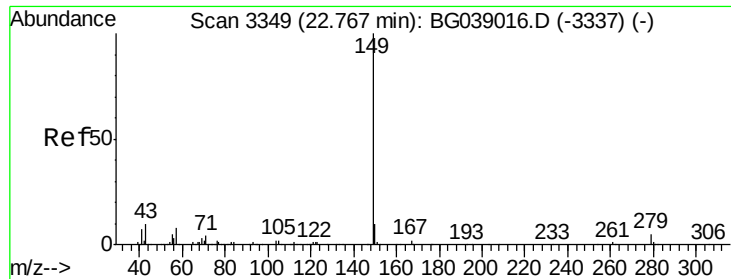
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.355 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG039056.D
 Acq: 10 Jan 2019 17:22

Tgt Ion:	149	Resp:	263076
Ion Ratio	Lower	Upper	
149	100		
167	29.0	25.0	37.4
279	5.5	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 43.655 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Instrument :

BNA_G

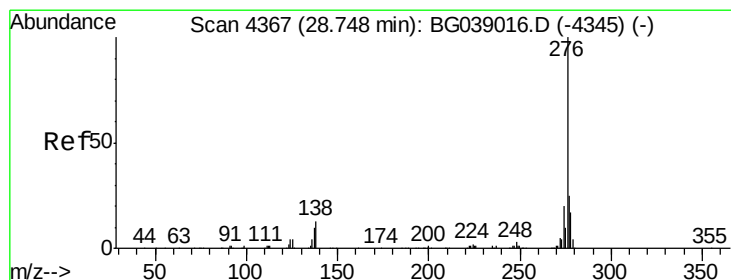
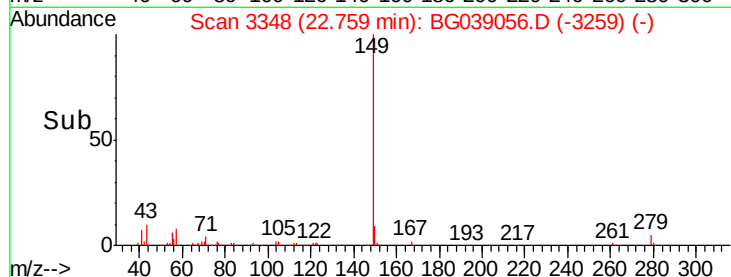
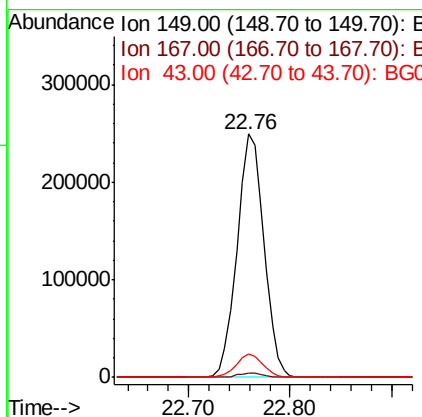
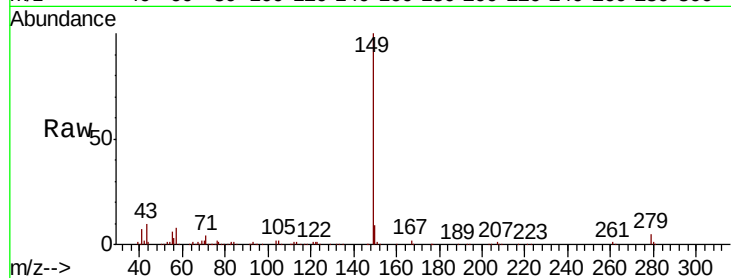
ClientSampleId :

PB116291BSD

Tot Ion:	149	Resp:	458496
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	9.3	7.5	11.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.525 ng

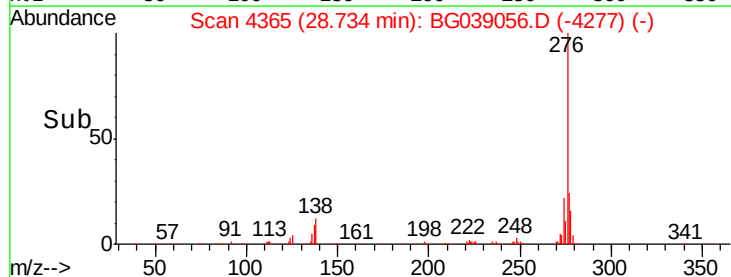
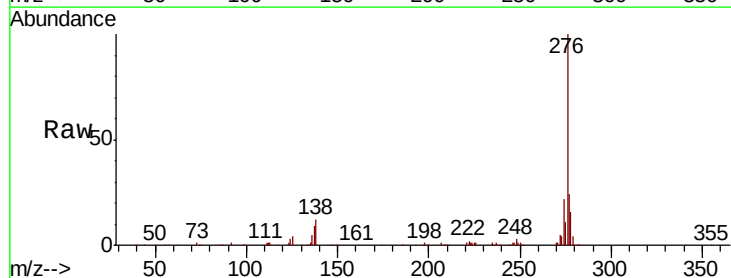
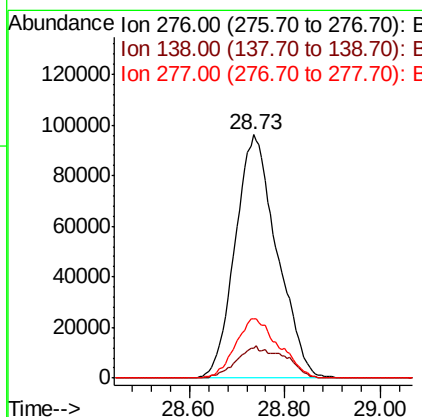
RT: 28.73 min Scan# 4365

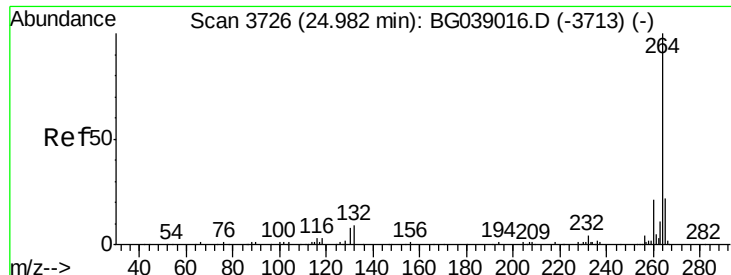
Delta R.T. -0.01 min

Lab File: BG039056.D

Acq: 10 Jan 2019 17:22

Tgt Ion:	276	Resp:	581255
Ion Ratio	Lower	Upper	
276	100		
138	10.3	8.0	12.0
277	25.5	20.3	30.5





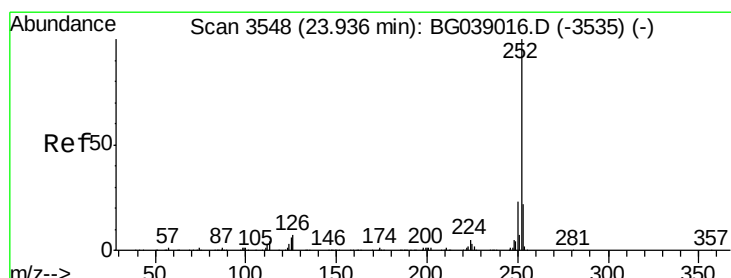
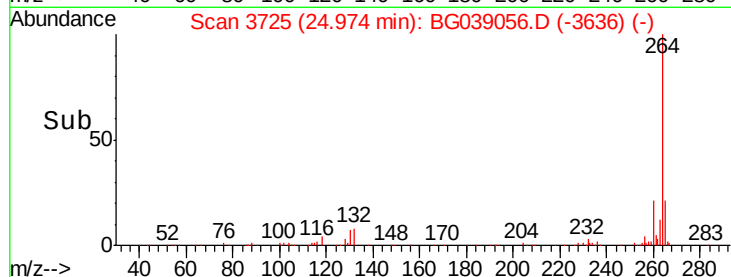
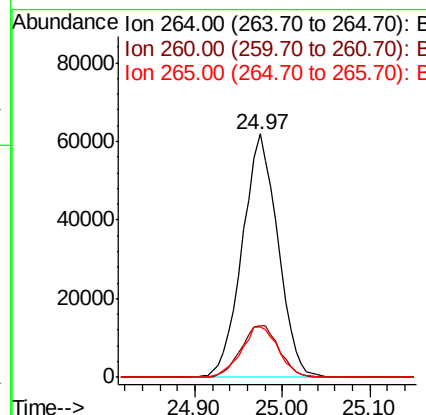
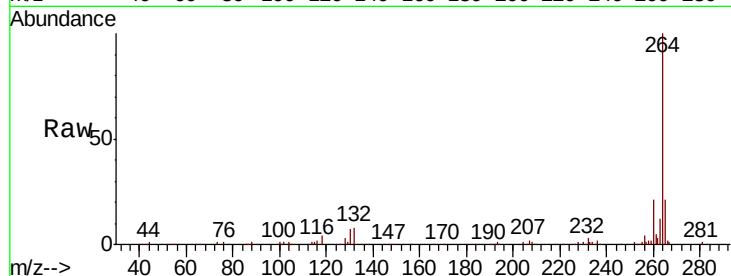
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116291BSD

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	21.2	17.0	25.6	
265	20.6	17.2	25.8	

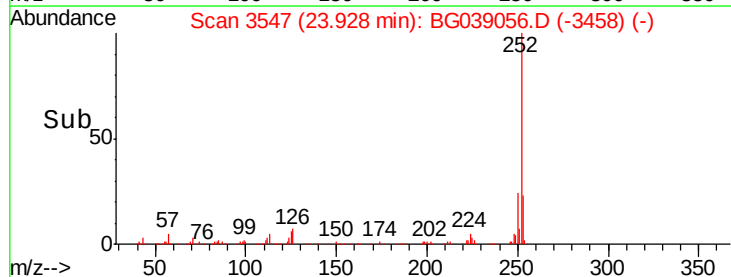
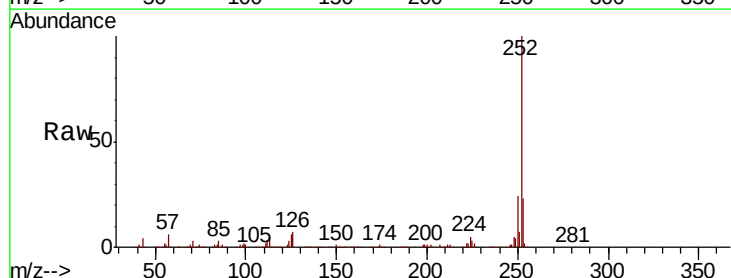
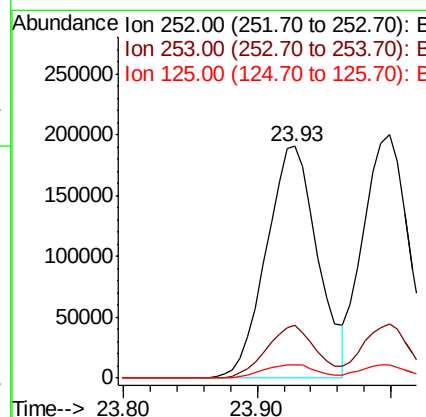
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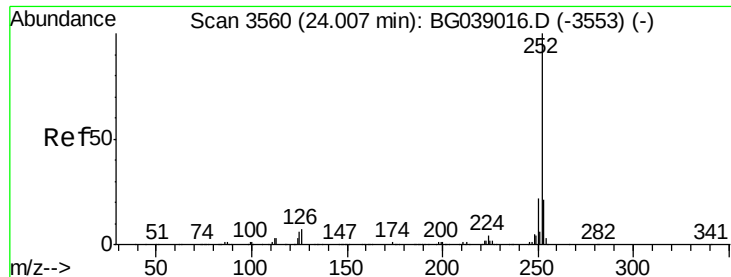
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#88
Benzo(b)fluoranthene
Concen: 54.103 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.7	17.8	26.6	
125	5.9	4.9	7.3	





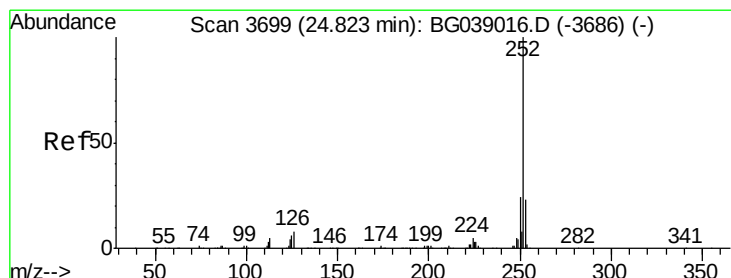
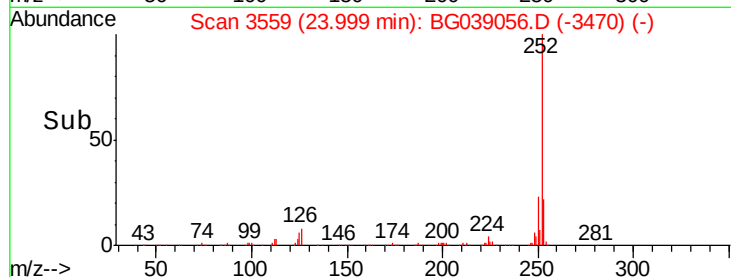
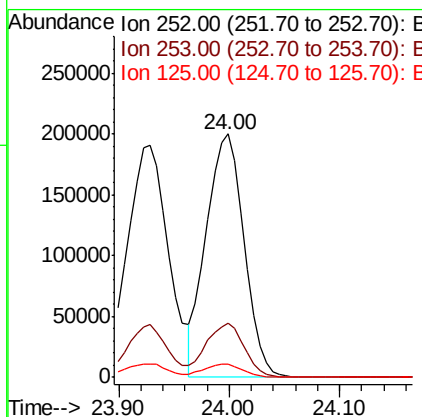
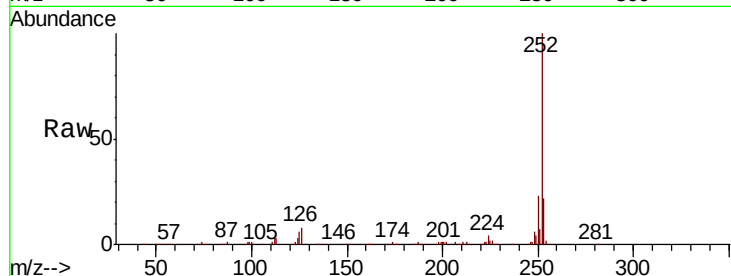
#89
Benzo(k)fluoranthene
Concen: 50.792 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampled :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	5.6	4.6	7.0

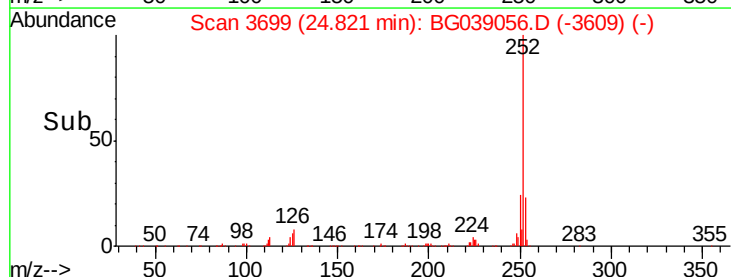
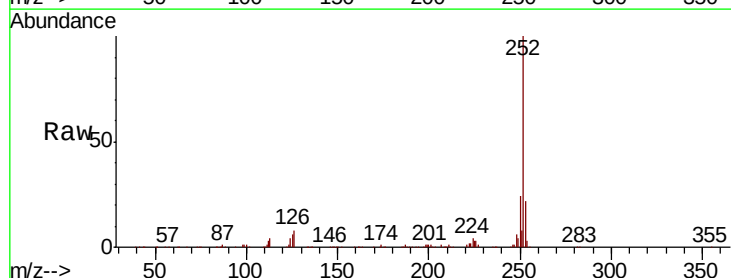
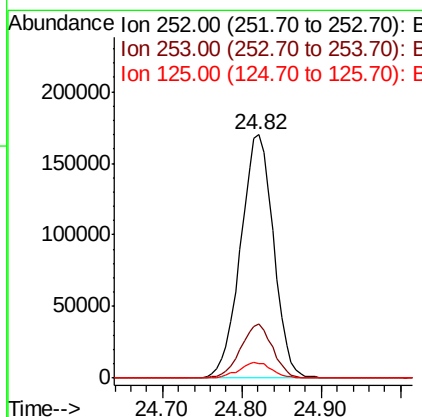
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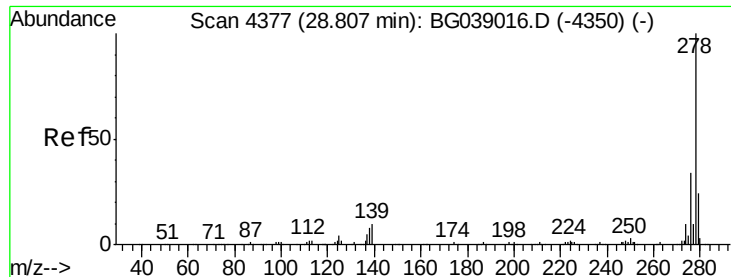
Sohil
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#90
Benzo(a)pyrene
Concen: 53.826 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	6.1	4.9	7.3





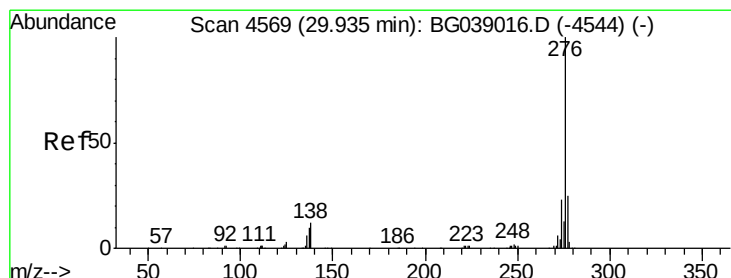
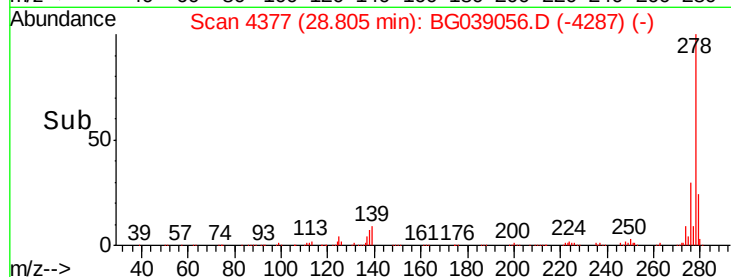
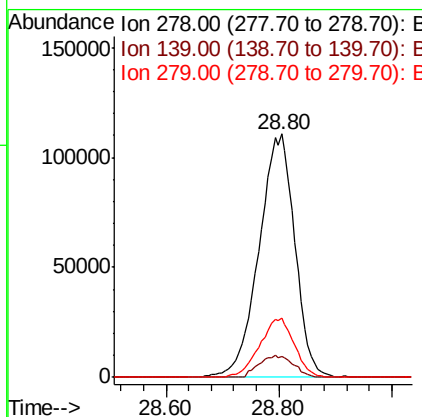
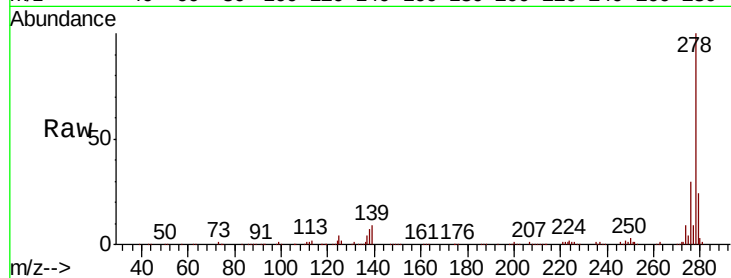
#91
Dibenzo(a,h)anthracene
Concen: 53.711 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Instrument :
BNA_G
ClientSampled :
PB116291BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.9	11.9
279	24.2	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/11/2019 4:44:29 PM



#92
Benzo(g,h,i)perylene
Concen: 53.418 ng
RT: 29.93 min Scan# 4569
Delta R.T. -0.00 min
Lab File: BG039056.D
Acq: 10 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	20.3	30.5
138	12.0	9.4	14.2

