

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039102.D
 Acq On : 12 Jan 2019 1:59
 Operator : JU/SJ
 Sample : PB116333BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116333BS

Manual Integrations
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Sohil
 1/14/2019 4:31:20 PM

Quant Time: Jan 12 03:19:20 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	23385	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	117267	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	94390	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	246181	20.00	ng	0.00
76) Chrysene-d12	21.69	240	204413	20.00	ng	-0.01
87) Perylene-d12	24.96	264	224807	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	228802	185.60	ng	0.00
7) Phenol-d6	7.19	99	318606	179.59	ng	0.00
23) Nitrobenzene-d5	9.20	82	191208	89.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	204326	129.14	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	553269	80.22	ng	0.00
79) Terphenyl-d14	20.02	244	979335	88.63	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.45	88	17192	35.613 ng	97
3) Pyridine	3.85	79	53508	40.792 ng	87
4) n-Nitrosodimethylamine	3.78	42	29095	49.291 ng	86
6) Aniline	7.35	93	40956	19.223 ng	97
8) 2-Chlorophenol	7.59	128	80711	55.542 ng	96
9) Benzaldehyde	7.17	77	24089	23.545 ng	94
10) Phenol	7.22	94	109581	61.609 ng	95
11) bis(2-Chloroethyl)ether	7.44	93	65629	48.278 ng	98
12) 1,3-Dichlorobenzene	7.91	146	70023	40.219 ng	98
13) 1,4-Dichlorobenzene	8.06	146	73368	41.609 ng	98
14) 1,2-Dichlorobenzene	8.38	146	75258	44.764 ng	99
15) Benzyl Alcohol	8.27	79	79550	59.542 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	125626	48.194 ng	99
17) 2-Methylphenol	8.47	107	80818	65.437 ng	97
18) Hexachloroethane	9.10	117	27003	45.077 ng	90
19) n-Nitroso-di-n-propylamine	8.83	70	63424	54.441 ng	88
20) 3+4-Methylphenols	8.80	107	111445	63.289 ng	98
22) Acetophenone	8.85	105	123193	40.227 ng	# 97
24) Nitrobenzene	9.25	77	93789	43.298 ng	96
25) Isophorone	9.76	82	183237	49.637 ng	97
26) 2-Nitrophenol	9.95	139	51071	43.589 ng	99
27) 2,4-Dimethylphenol	10.01	122	89566	54.336 ng	91
28) bis(2-Chloroethoxy)methane	10.24	93	105169	47.403 ng	97
29) 2,4-Dichlorophenol	10.49	162	108610	53.037 ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	97205	39.506 ng	99
31) Naphthalene	10.89	128	266205	45.262 ng	100
32) Benzoic acid	10.17	122	28799	32.263 ng	98
33) 4-Chloroaniline	11.01	127	30159	11.460 ng	96
34) Hexachlorobutadiene	11.15	225	61204	36.150 ng	97
35) Caprolactam	11.80	113	38968m	47.454 ng	
36) 4-Chloro-3-methylphenol	12.13	107	119464	54.543 ng	89
37) 2-Methylnaphthalene	12.50	142	217813	49.396 ng	100
38) 1-Methylnaphthalene	12.71	142	208859	49.347 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	145357	41.005 ng	99

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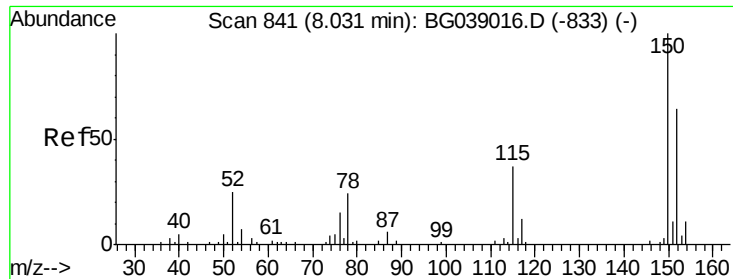
Manual Integrations
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 1/14/2019 4:31:20 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	143887	72.638	ng	95
43) 2,4,6-Trichlorophenol	13.10	196	100389	44.996	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	108085	45.837	ng	97
46) 1,1'-Biphenyl	13.50	154	299673	40.067	ng	98
47) 2-Chloronaphthalene	13.55	162	239980	39.650	ng	97
48) 2-Nitroaniline	13.77	65	76175	44.925	ng	92
49) Acenaphthylene	14.39	152	409190	44.980	ng	99
50) Dimethylphthalate	14.12	163	345006	43.253	ng	99
51) 2,6-Dinitrotoluene	14.25	165	77372	43.387	ng	97
52) Acenaphthene	14.73	154	234895	42.976	ng	93
53) 3-Nitroaniline	14.59	138	21005	11.611	ng	97
54) 2,4-Dinitrophenol	14.80	184	41262	41.481	ng	94
55) Dibenzofuran	15.06	168	420509	43.561	ng	99
56) 4-Nitrophenol	14.90	139	107199	82.355	ng	91
57) 2,4-Dinitrotoluene	15.04	165	116498	45.534	ng	98
58) Fluorene	15.72	166	363390	50.011	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	104456	46.927	ng	98
60) Diethylphthalate	15.47	149	374227	45.537	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	204013	44.566	ng	99
62) 4-Nitroaniline	15.76	138	85977	45.621	ng	90
63) Azobenzene	15.99	77	302017	46.994	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	50600	27.743	ng	96
66) n-Nitrosodiphenylamine	15.92	169	328795	45.053	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	133248	42.107	ng	97
68) Hexachlorobenzene	16.71	284	137078	39.697	ng	99
69) Atrazine	16.86	200	127327	41.069	ng	98
70) Pentachlorophenol	17.06	266	108522	52.978	ng	96
71) Phenanthrene	17.46	178	570600	43.851	ng	99
72) Anthracene	17.55	178	591136	45.946	ng	99
73) Carbazole	17.83	167	500246	39.387	ng	98
74) Di-n-butylphthalate	18.35	149	605636	42.864	ng	99
75) Fluoranthene	19.47	202	650165	40.305	ng	99
77) Benzidine	19.65	184	119078	19.046	ng	98
78) Pyrene	19.83	202	609454	46.784	ng	99
80) Butylbenzylphthalate	20.70	149	225926	45.599	ng	100
81) Benzo(a)anthracene	21.67	228	560023	45.005	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	86037	16.970	ng	98
83) Chrysene	21.74	228	518165	43.782	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	311512	45.281	ng	97
85) Di-n-octyl phthalate	22.75	149	548291	47.133	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	691321	48.885	ng	# 94
88) Benzo(b)fluoranthene	23.92	252	560704	45.233	ng	99
89) Benzo(k)fluoranthene	23.98	252	559925	45.686	ng	97
90) Benzo(a)pyrene	24.81	252	583816	48.726	ng	# 98
91) Dibenzo(a,h)anthracene	28.78	278	568668	47.716	ng	98
92) Benzo(g,h,i)perylene	29.90	276	545124	46.203	ng	96

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



#1

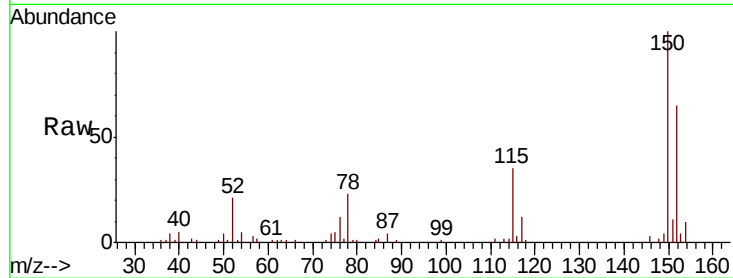
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.7	187.1
115	53.2	46.5	69.7

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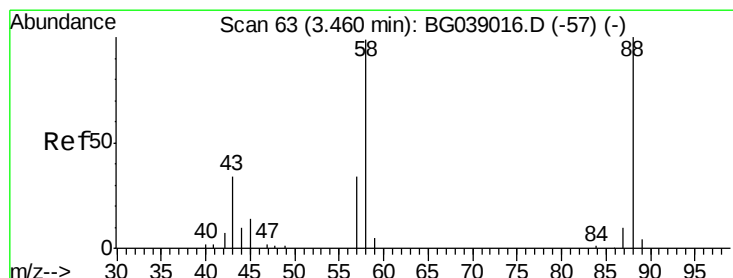
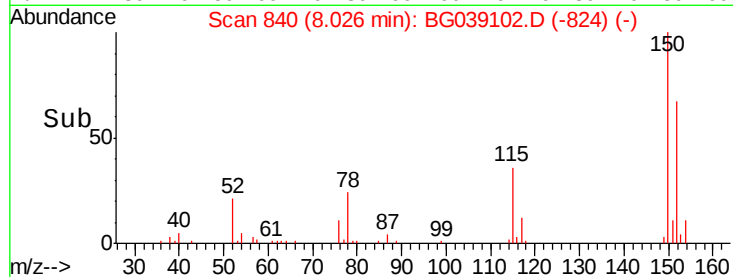
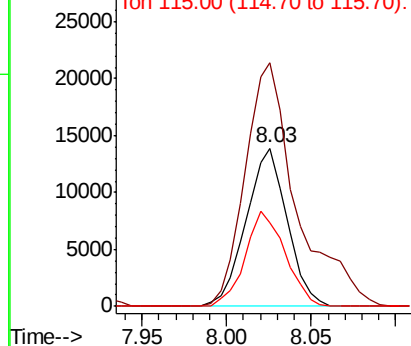


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

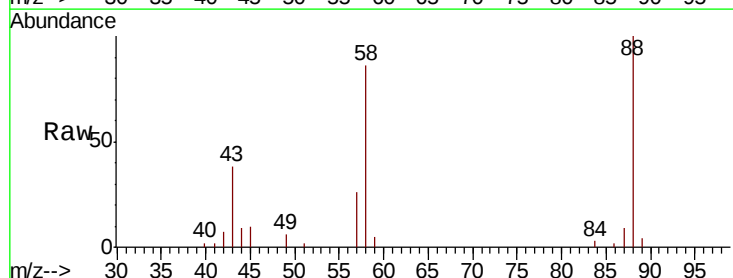
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.613 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.6	72.4	108.6
43	30.3	27.6	41.4

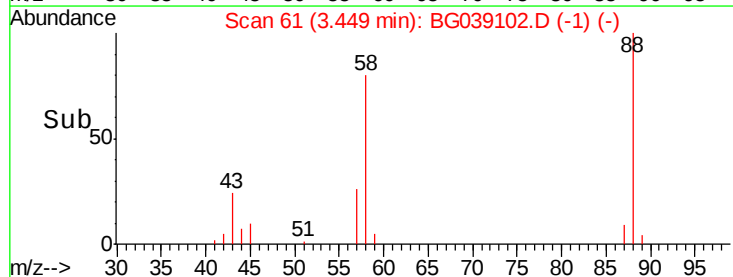
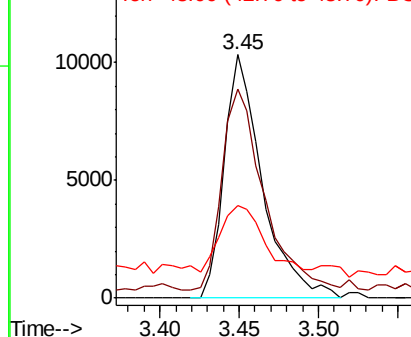


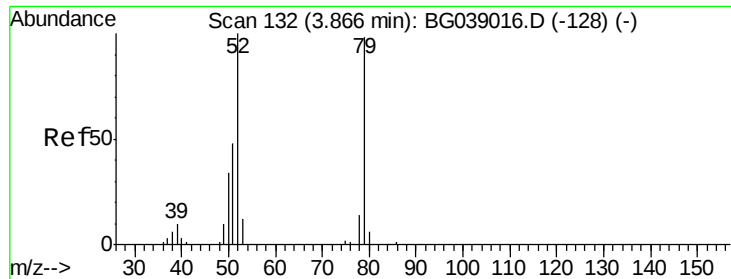
Abundance

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





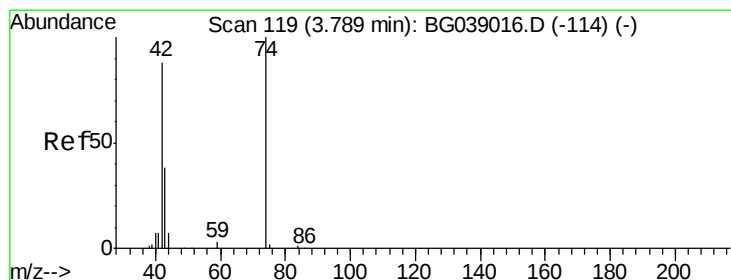
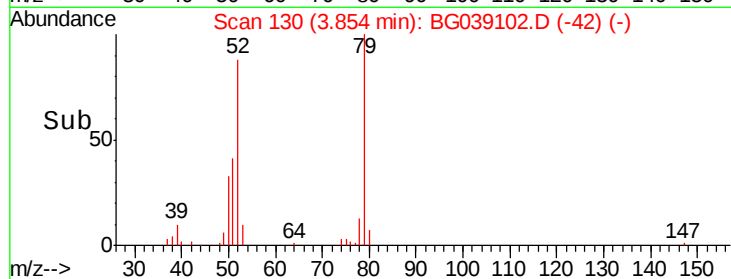
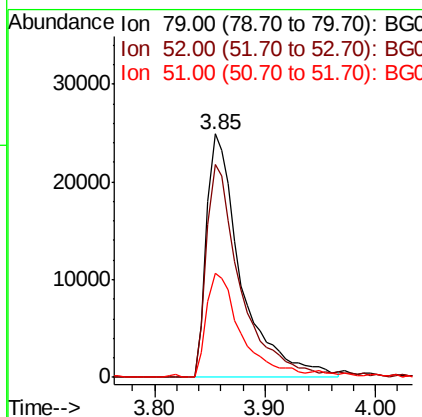
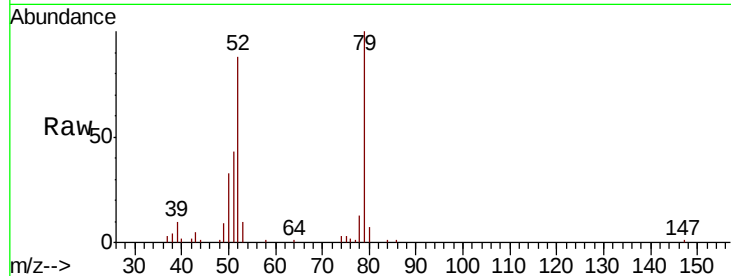
#3
 Pvridine
 Concen: 40.792 ng
 RT: 3.85 min Scan# 130
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
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 ClientSampleId :
 PB116333BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.6	81.5	122.3
51	42.8	39.8	59.6

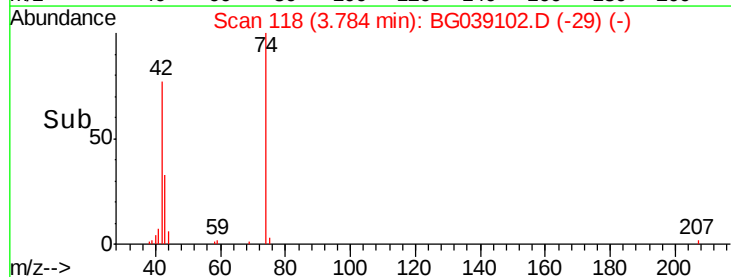
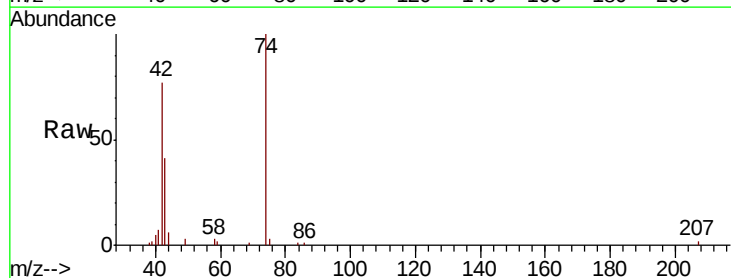
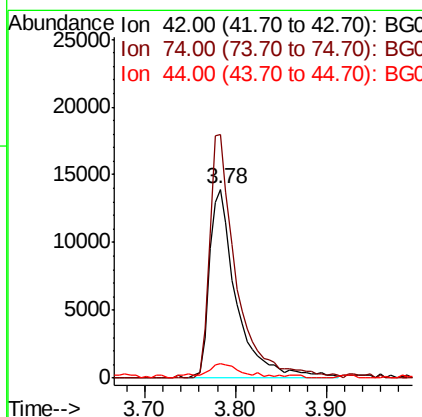
Manual Integrations
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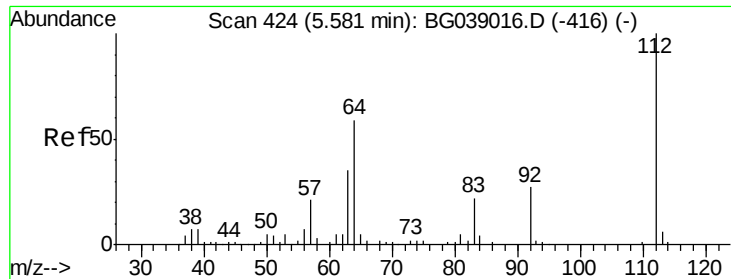
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#4
 n-Nitrosodimethylamine
 Concen: 49.291 ng
 RT: 3.78 min Scan# 118
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.1	90.7	136.1
44	7.9	6.5	9.7





#5

2-Fluorophenol

Concen: 185.603 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

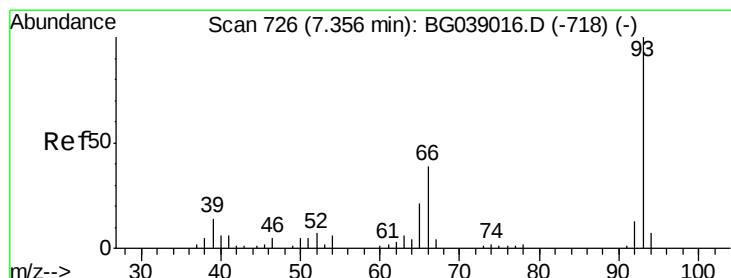
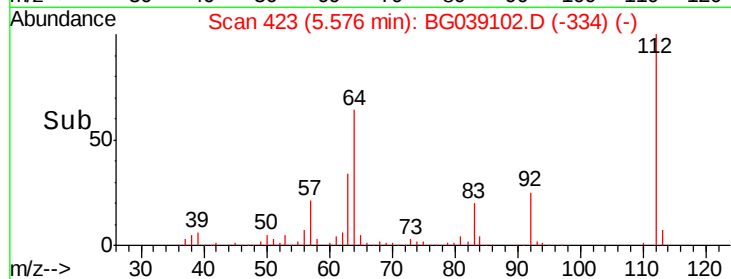
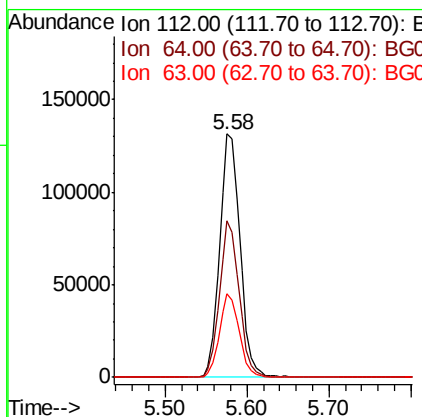
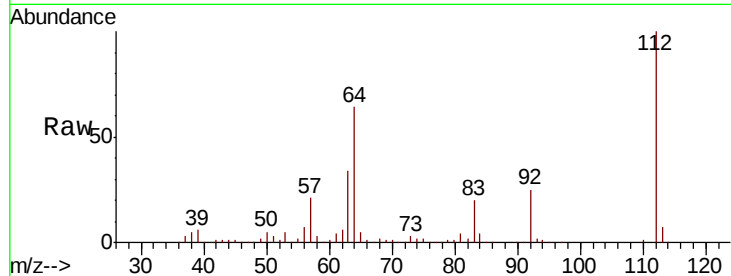
ClientSampleId :

PB116333BS

Tot Ion:	112	Resp:	228802
Ion Ratio	Lower	Upper	
112	100		
64	64.4	47.0	70.6
63	34.4	28.0	42.0

Manual Integrations
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#6

Aniline

Concen: 19.223 ng

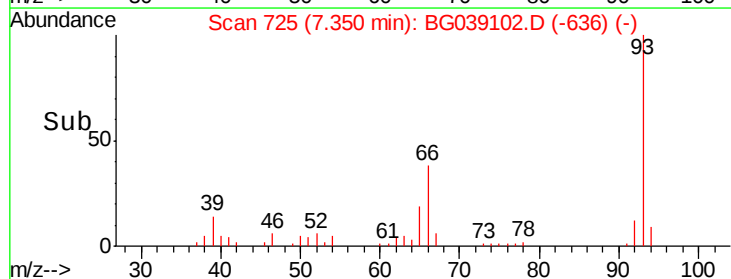
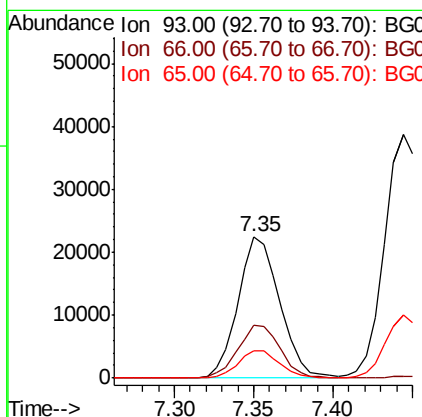
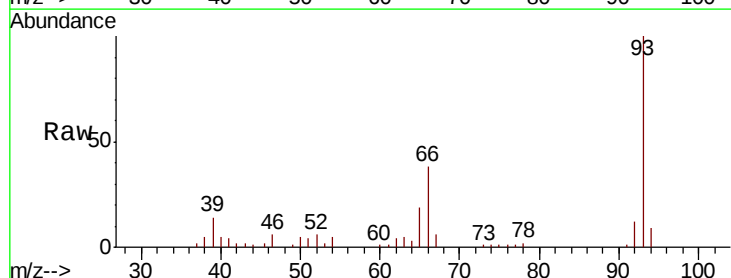
RT: 7.35 min Scan# 725

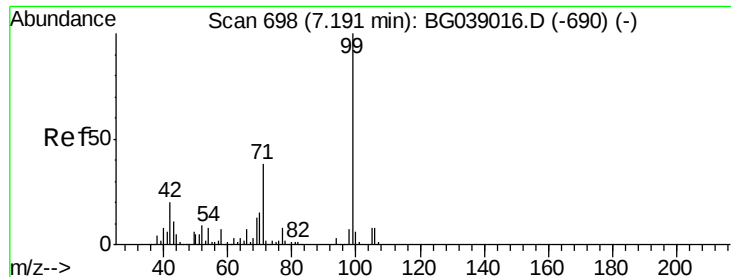
Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	93	Resp:	40956
Ion Ratio	Lower	Upper	
93	100		
66	37.7	30.9	46.3
65	19.1	17.0	25.4





#7

Phenol-d6

Concen: 179.589 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

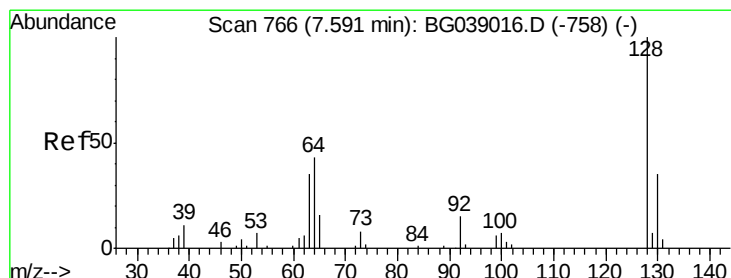
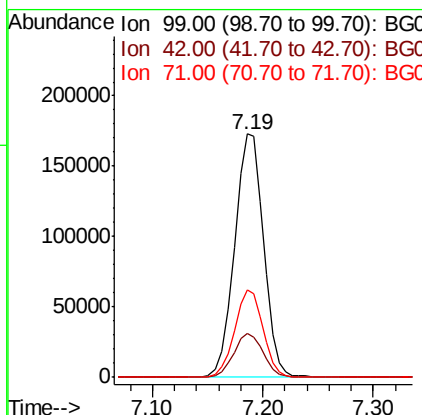
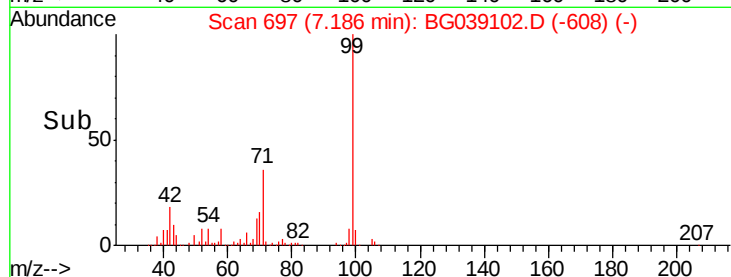
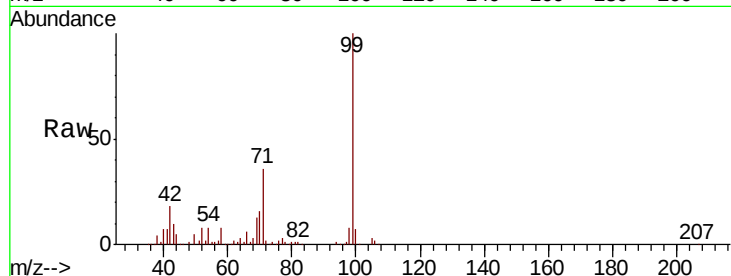
ClientSampleId :

PB116333BS

Tot Ion:	99	Resp:	318606
Ion Ratio	Lower	Upper	
99	100		
42	18.0	15.8	23.6
71	36.2	30.2	45.4

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#8

2-Chlorophenol

Concen: 55.542 ng

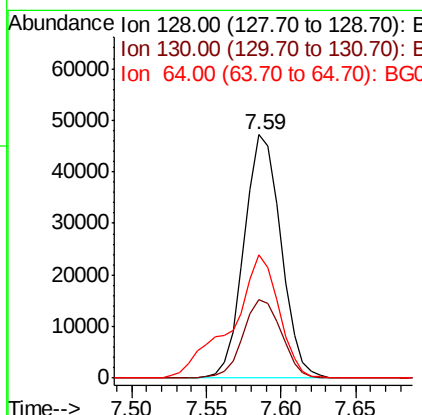
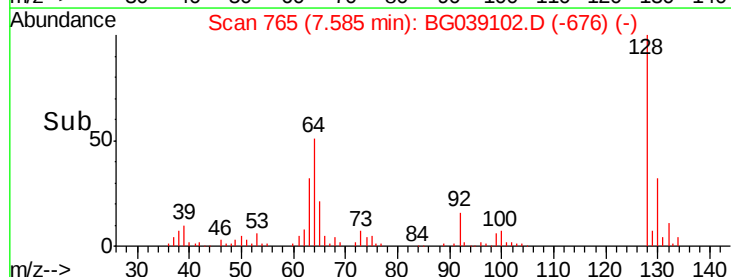
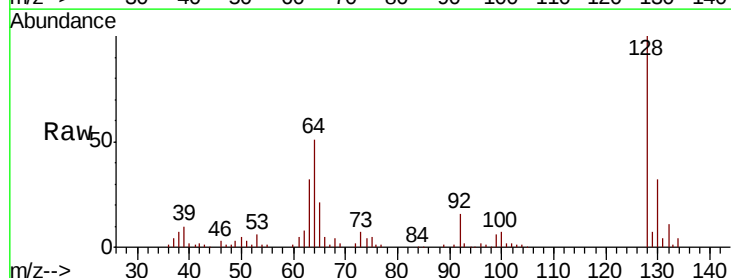
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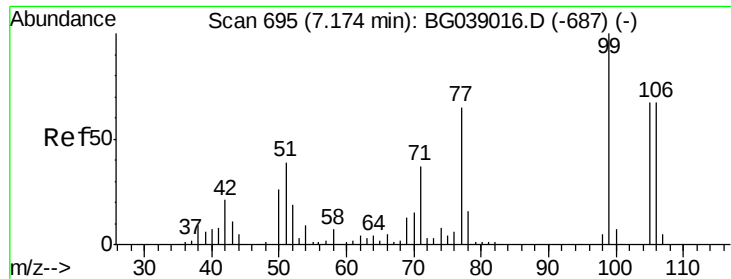
Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	128	Resp:	80711
Ion Ratio	Lower	Upper	
128	100		
130	32.2	14.5	54.5
64	50.6	27.3	67.3





#9

Benzaldehyde

Concen: 23.545 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

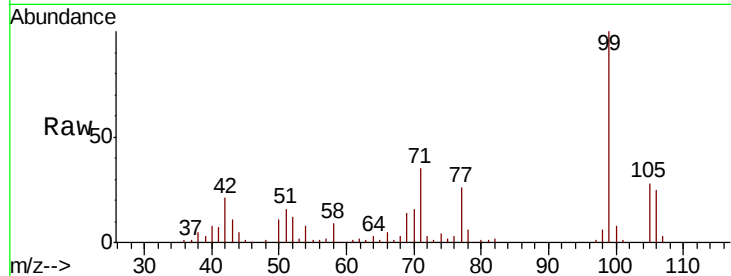
ClientSampleId :

PB116333BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	106.6	82.4	122.4		
106	95.3	82.8	122.8		

Manual Integrations
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1/14/2019 4:31:20 PM

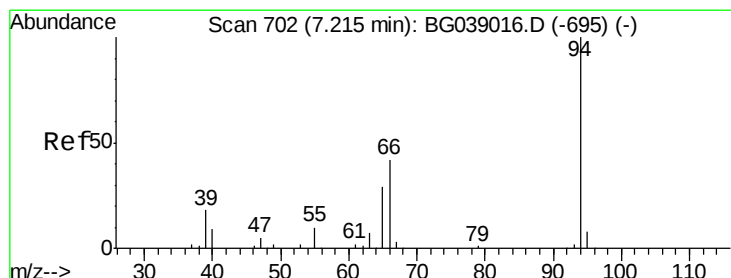
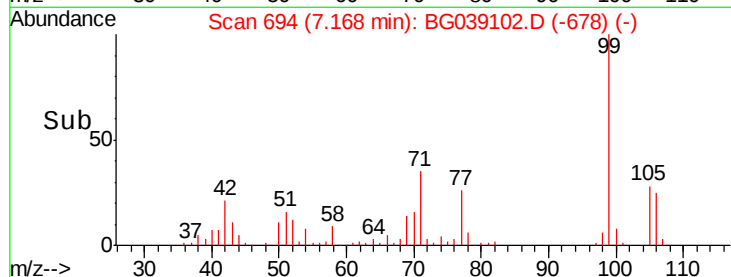
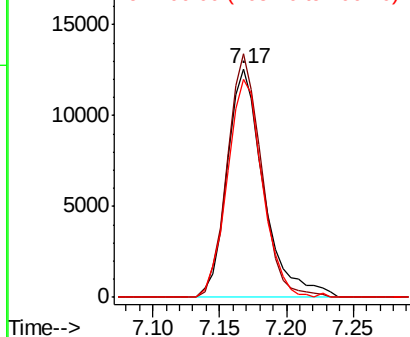


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 61.609 ng

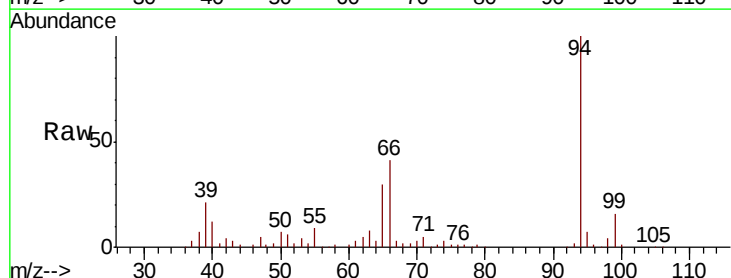
RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.8	10.3	50.3		
66	40.6	25.1	65.1		

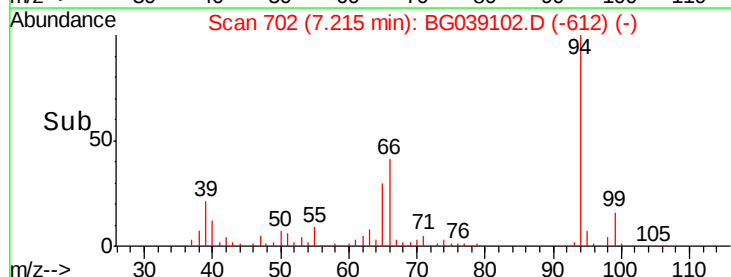
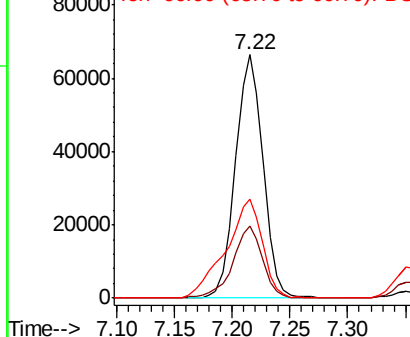


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 48.278 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

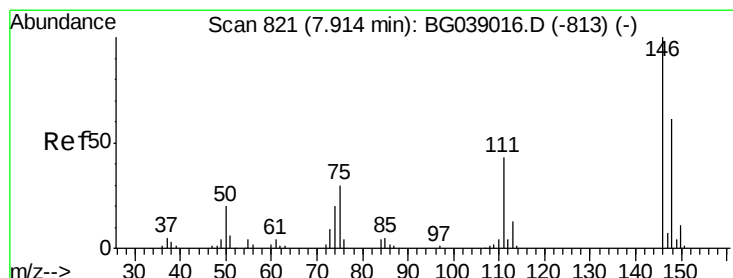
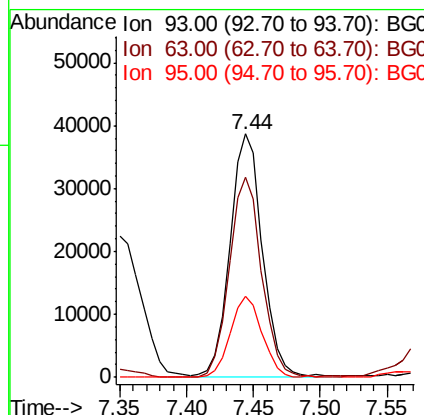
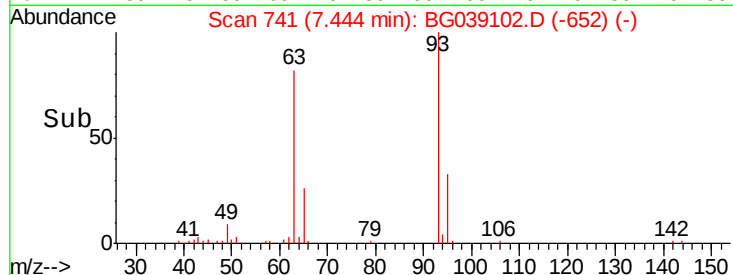
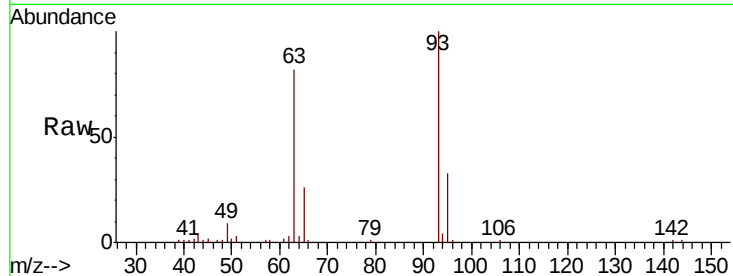
ClientSampled :

PB116333BS

Tot Ion:	93	Resp:	65629
Ion	Ratio	Lower	Upper
93	100		
63	82.2	63.2	103.2
95	33.2	11.2	51.2

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.219 ng

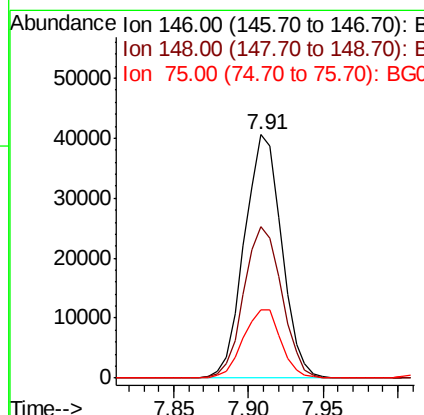
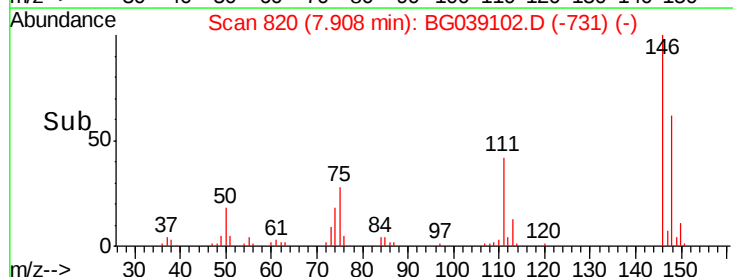
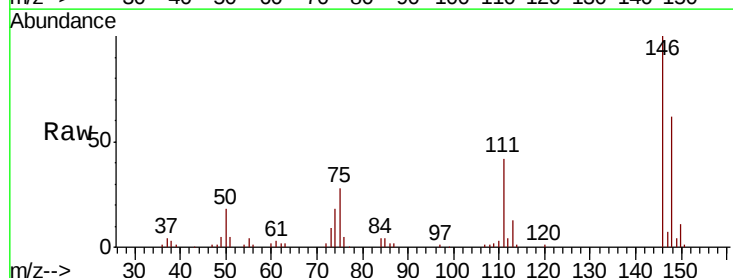
RT: 7.91 min Scan# 820

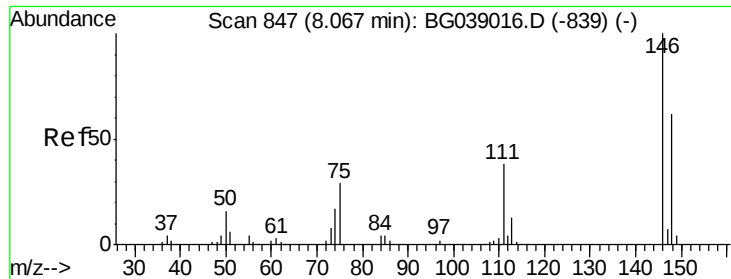
Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	146	Resp:	70023
Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.1	73.7
75	28.1	23.9	35.9





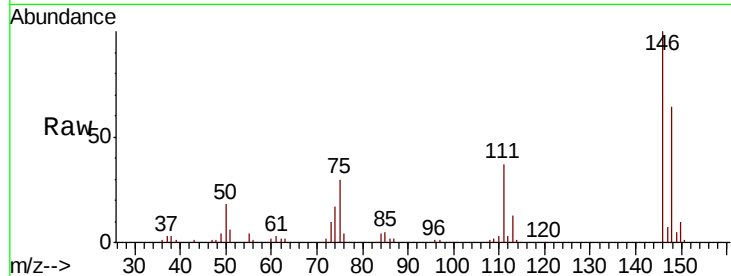
#13
 1,4-Dichlorobenzene
 Concen: 41.609 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampleId :
 PB116333BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.8	74.6
111	37.5	30.6	45.8

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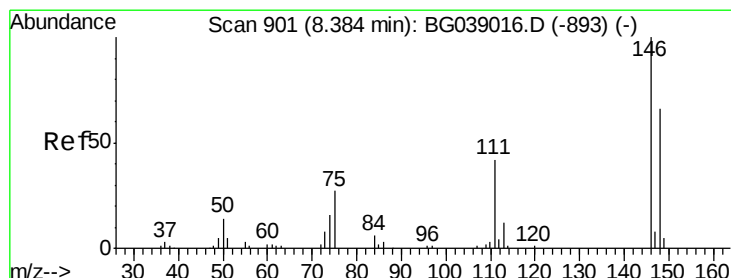
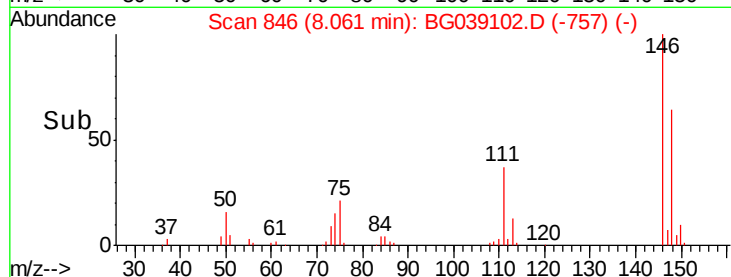
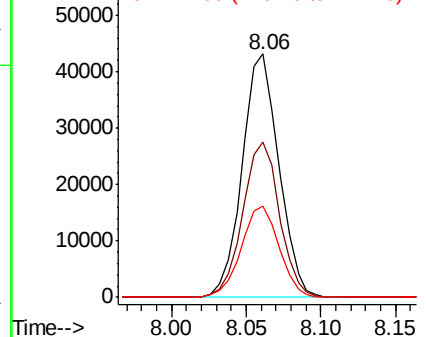


Abundance

Ion 146.00 (145.70 to 146.70): E

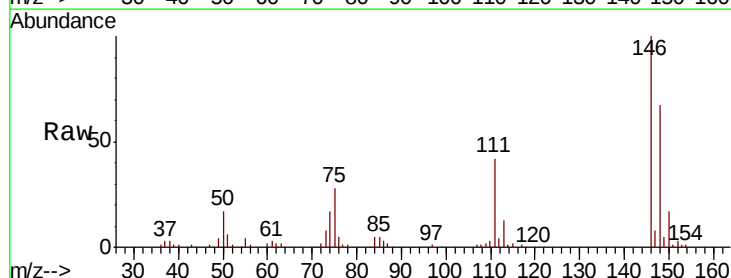
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.764 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.6	79.0
111	42.1	34.6	51.8

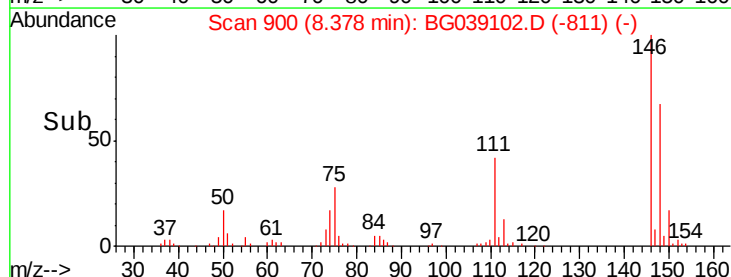
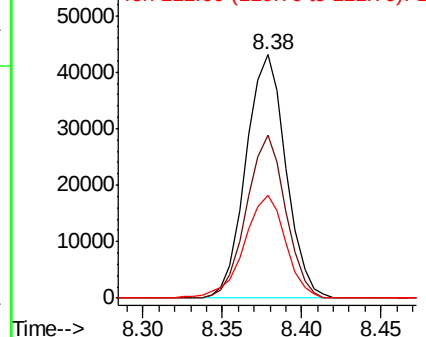


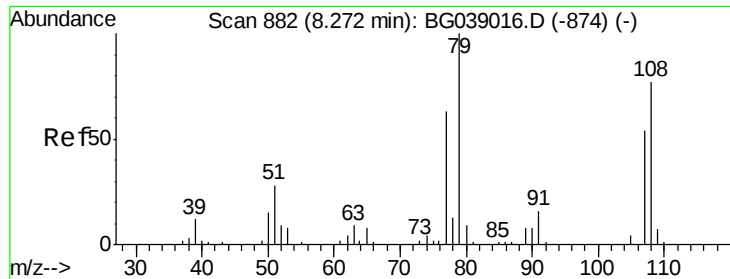
Abundance

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: 59.542 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

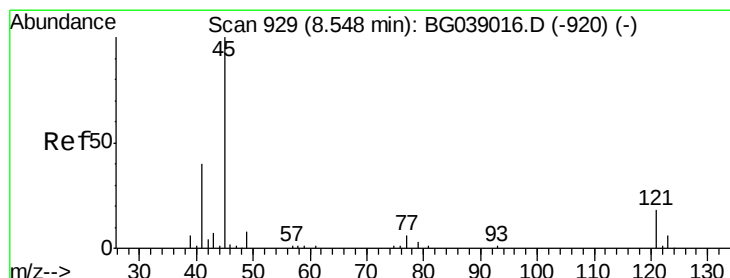
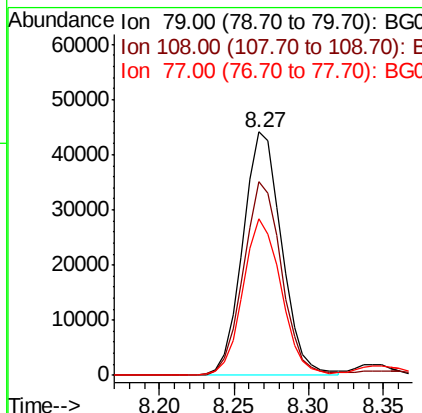
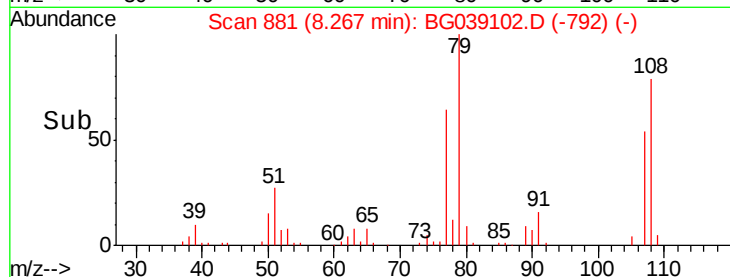
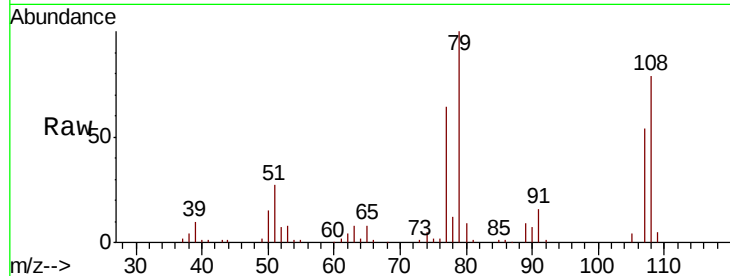
ClientSampleId :

PB116333BS

Tot Ion:	79	Resp:	79550
Ion Ratio	Lower	Upper	
79	100		
108	79.5	62.0	93.0
77	64.3	50.1	75.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.194 ng

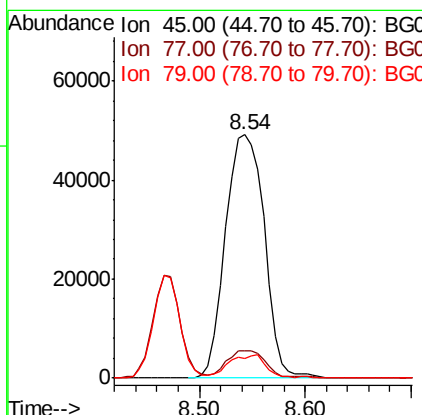
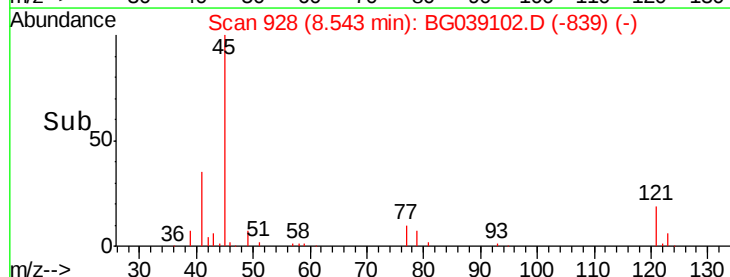
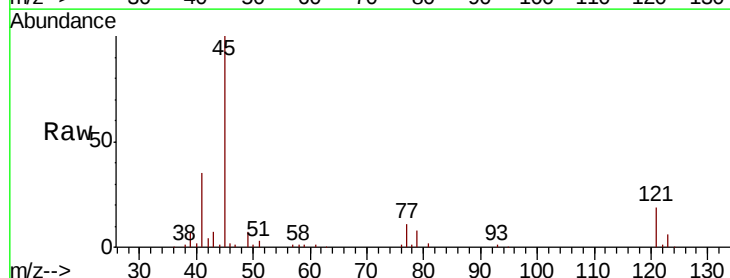
RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	45	Resp:	125626
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.7
79	7.8	0.0	28.5





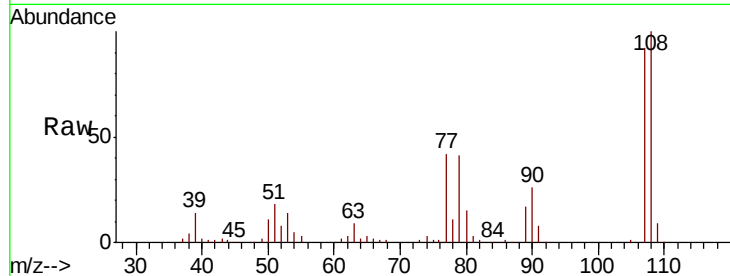
#17
2-Methylphenol
Concen: 65.437 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	90.3	135.5	
77	45.1	38.3	57.5	
79	44.8	35.8	53.6	

Manual Integrations
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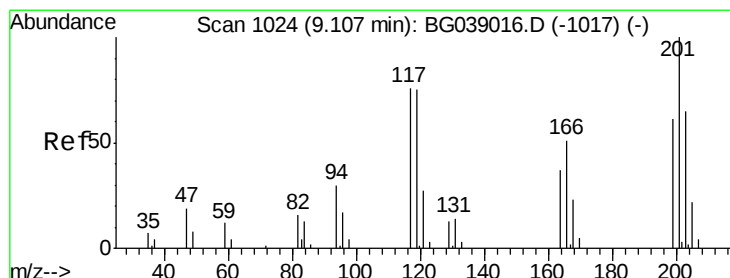
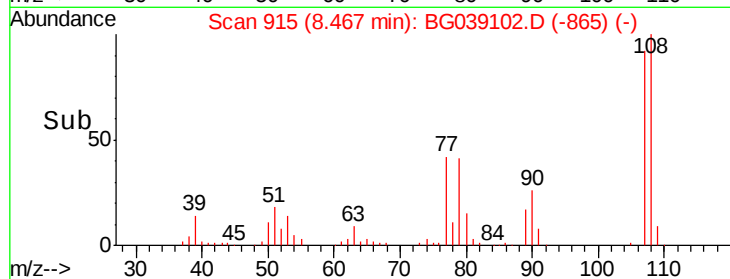
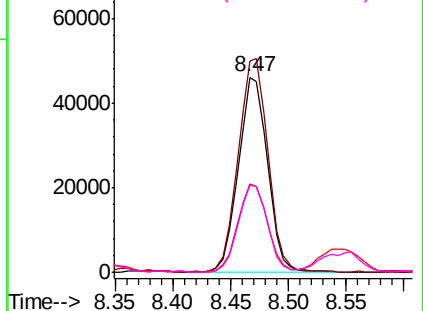
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

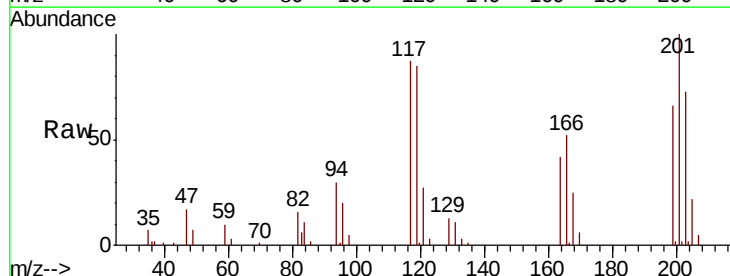
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.077 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.3	78.7	118.1	
201	115.6	108.1	162.1	

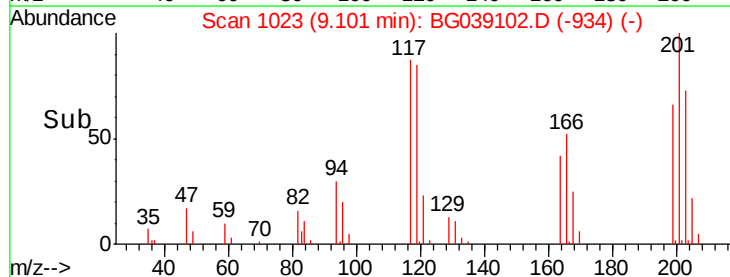
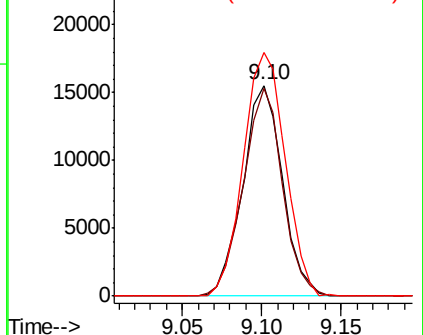


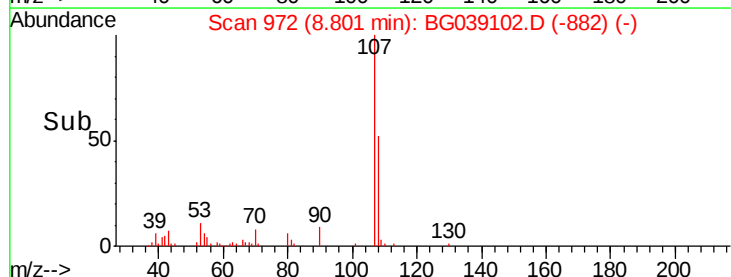
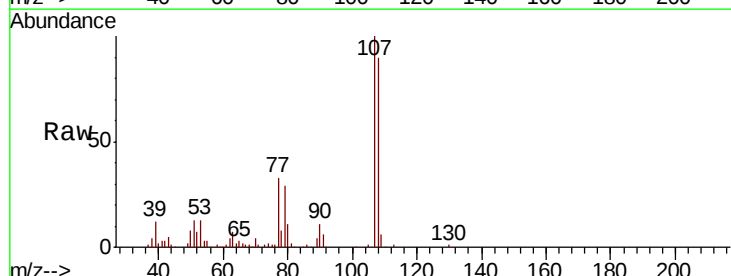
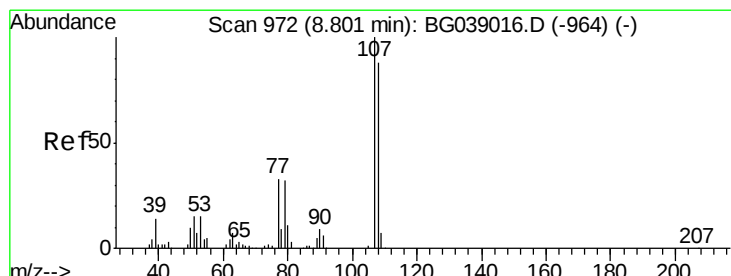
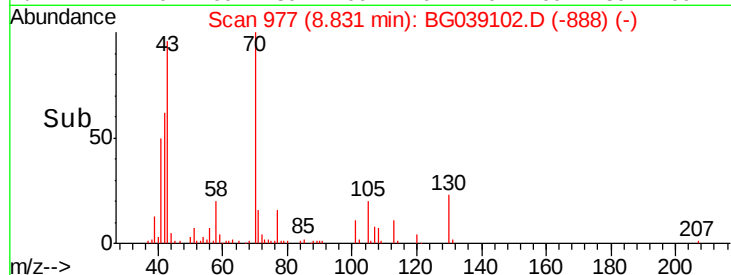
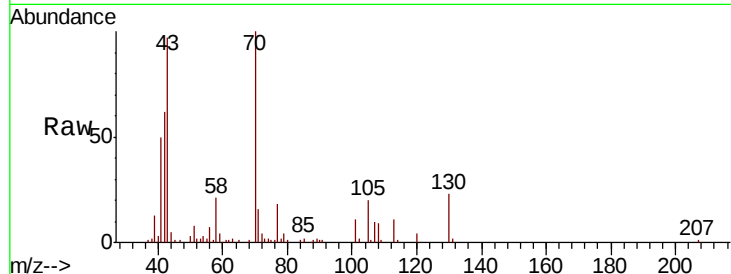
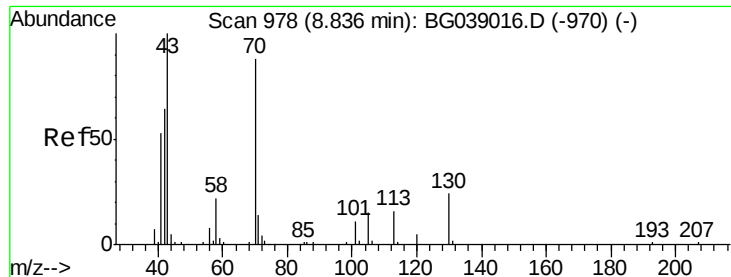
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





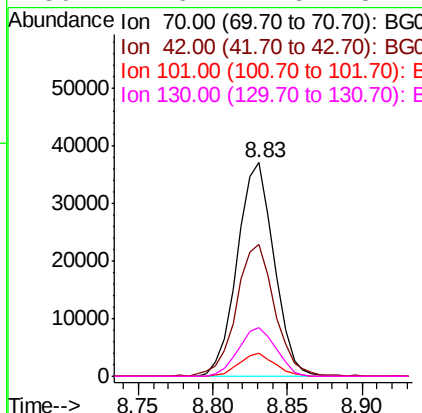
#19
n-Nitroso-di-n-propylamine
Concen: 54.441 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.8	59.0	88.4	
101	10.6	10.4	15.6	
130	22.6	21.6	32.4	

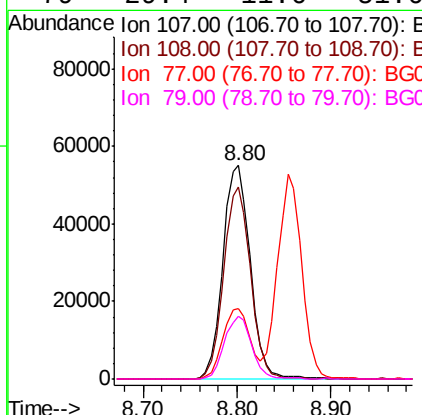
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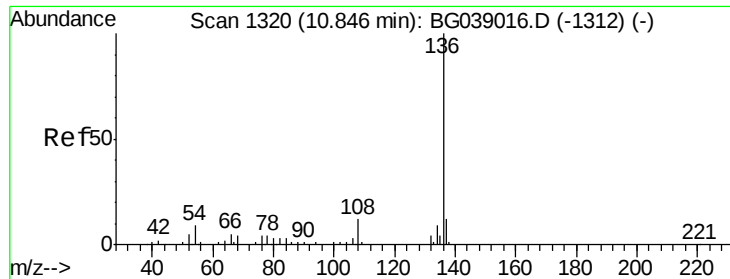
Sohil
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#20
3+4-Methylphenols
Concen: 63.289 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	68.4	108.4	
77	32.8	13.3	53.3	
79	29.4	11.6	51.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

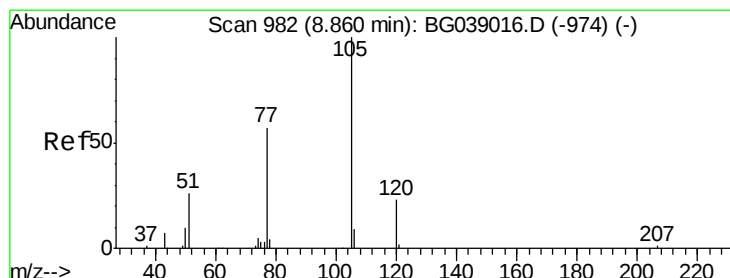
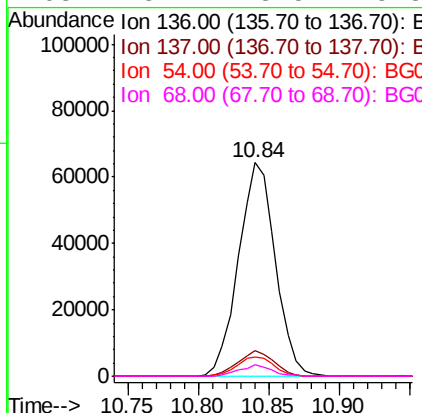
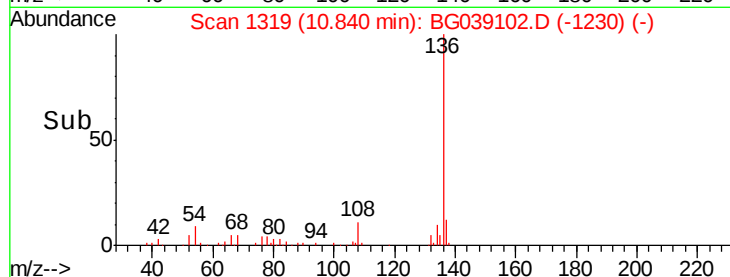
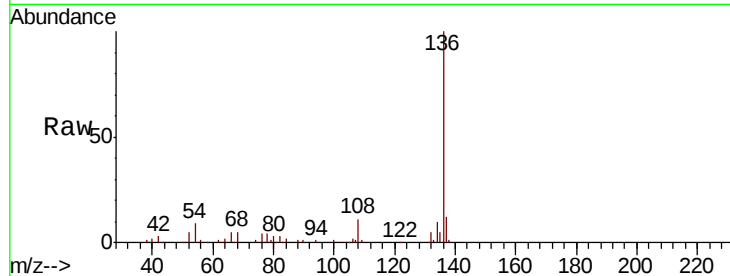
ClientSampleId :

PB116333BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.0	9.4	14.2
54	9.2	7.2	10.8
68	5.2	3.5	5.3

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#22

Acetophenone

Concen: 40.227 ng

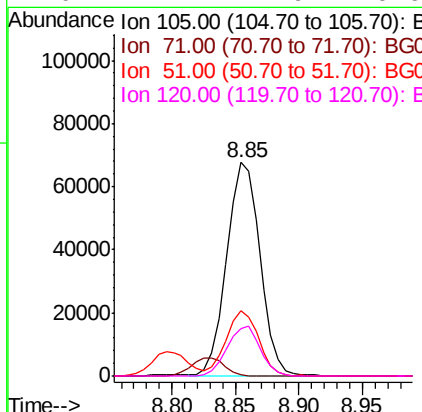
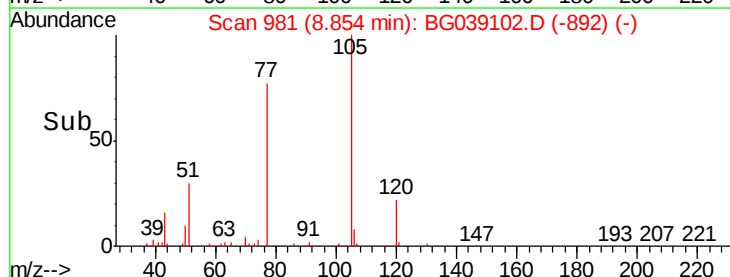
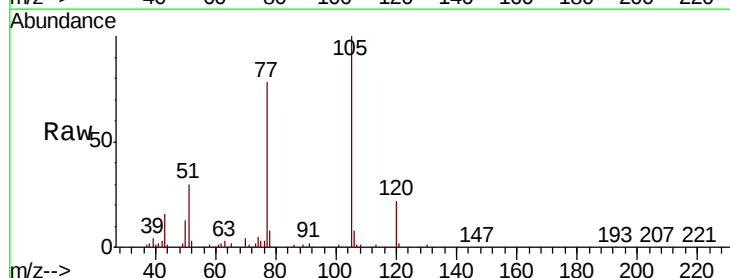
RT: 8.85 min Scan# 981

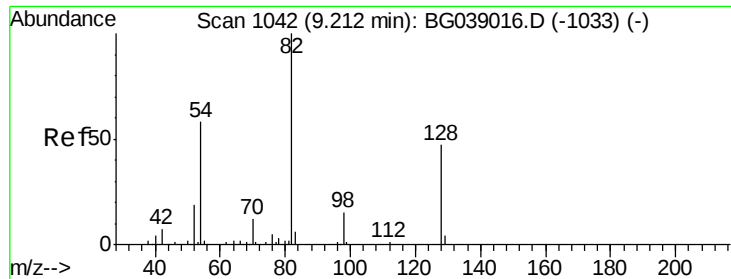
Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	30.3	26.6	39.8
120	22.4	17.9	26.9





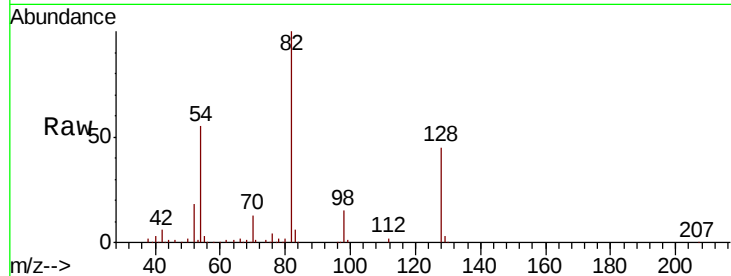
#23
Nitrobenzene-d5
Concen: 89.222 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampled :
PB116333BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	191208		
128	45.5	37.3	55.9	
54	54.9	46.4	69.6	

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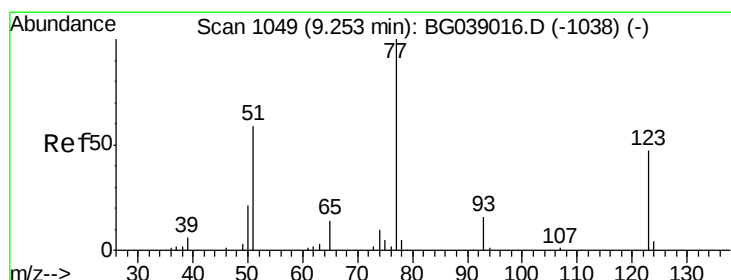
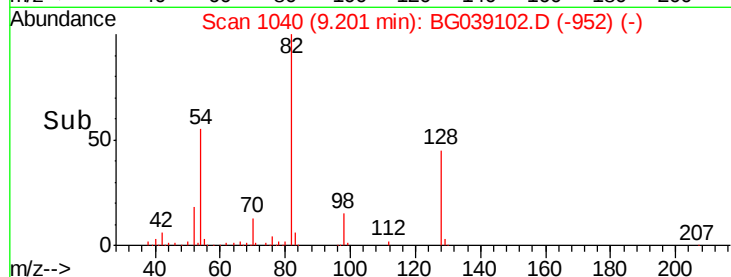
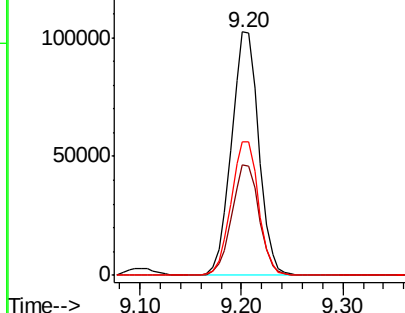


Abundance

Ion 82.00 (81.70 to 82.70): BGC

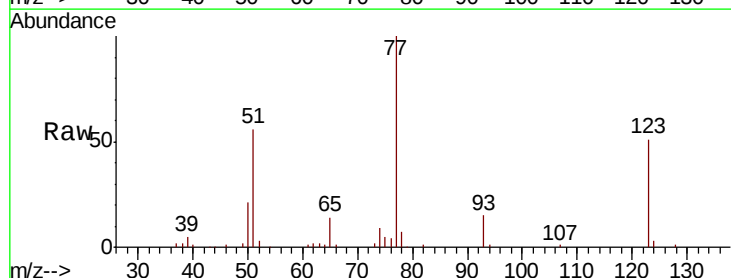
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 43.298 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	93789		
123	50.7	37.6	56.4	
65	13.7	11.0	16.6	

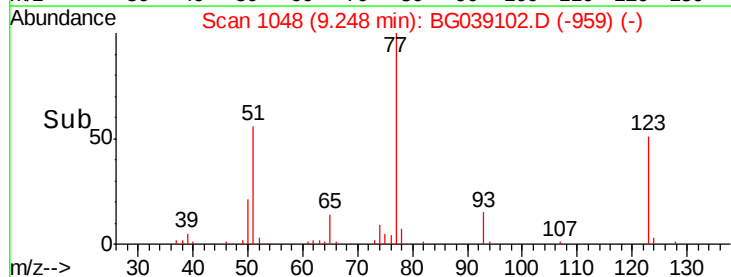
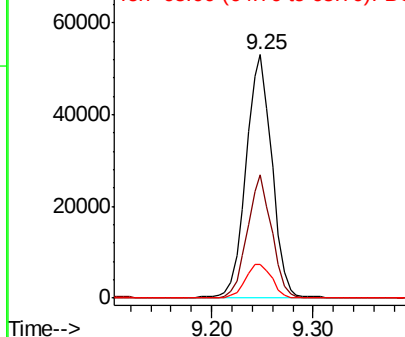


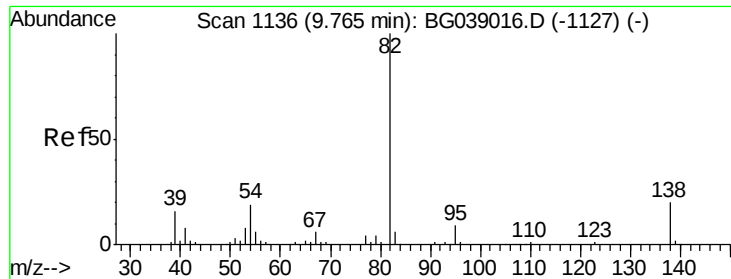
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 49.637 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

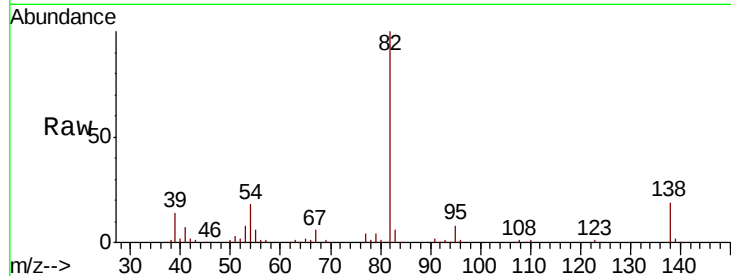
ClientSampled :

PB116333BS

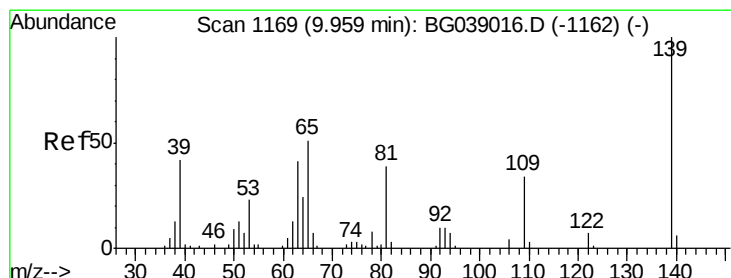
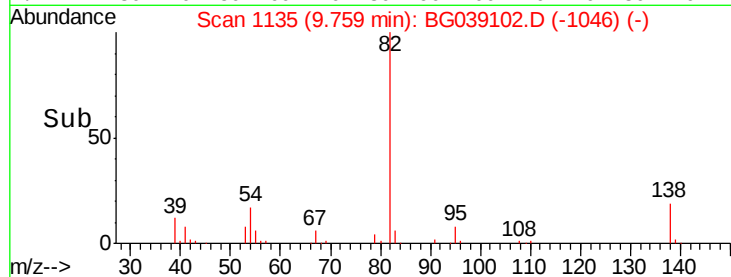
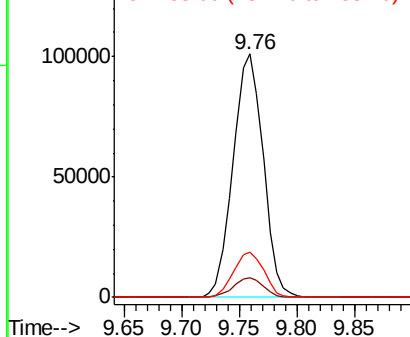
Tot Ion:	82	Resp:	183237
Ion Ratio		Lower	Upper
82	100		
95	8.1	7.0	10.6
138	18.8	16.2	24.4

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 43.589 ng

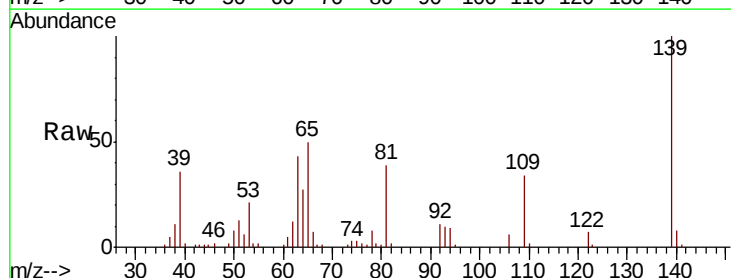
RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

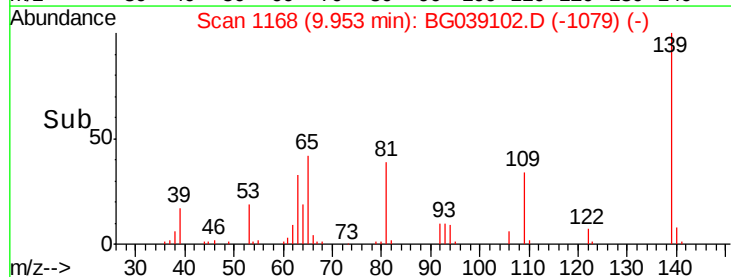
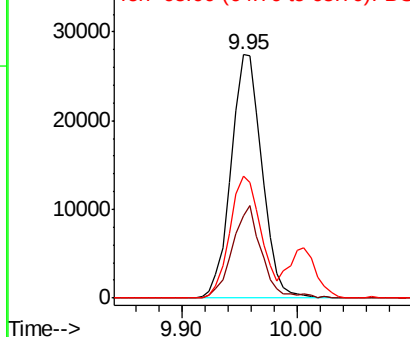
Lab File: BG039102.D

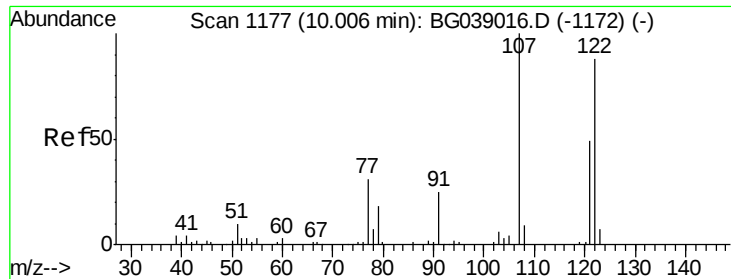
Acq: 12 Jan 2019 1:59

Tgt Ion:	139	Resp:	51071
Ion Ratio		Lower	Upper
139	100		
109	33.9	27.3	40.9
65	50.0	40.6	61.0



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





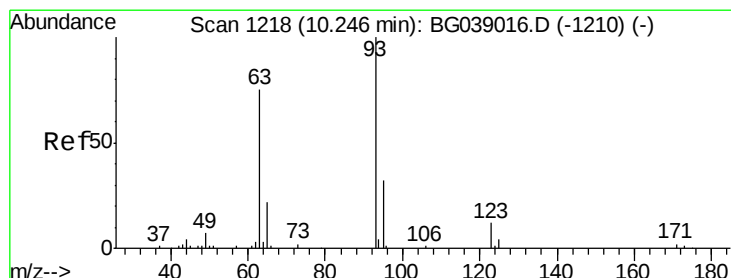
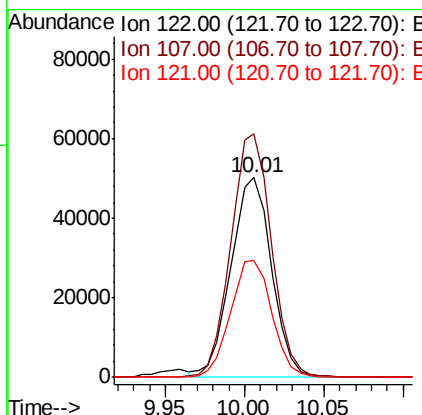
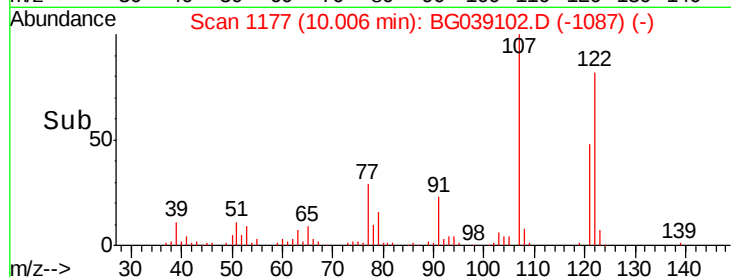
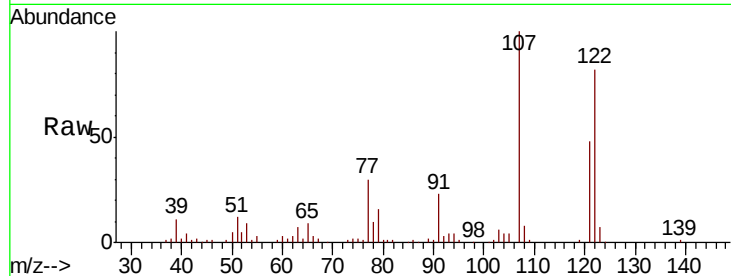
#27
2,4-Dimethylphenol
Concen: 54.336 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	88.8	133.2
121	58.5	43.1	64.7

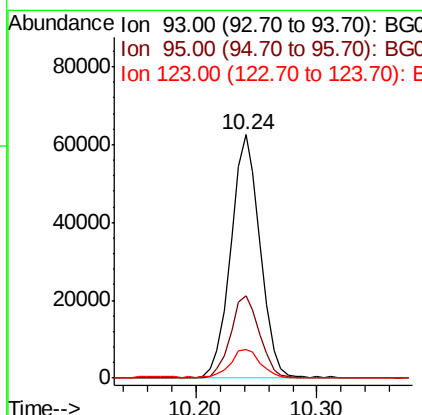
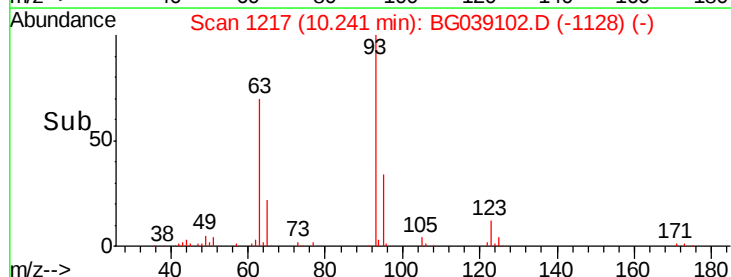
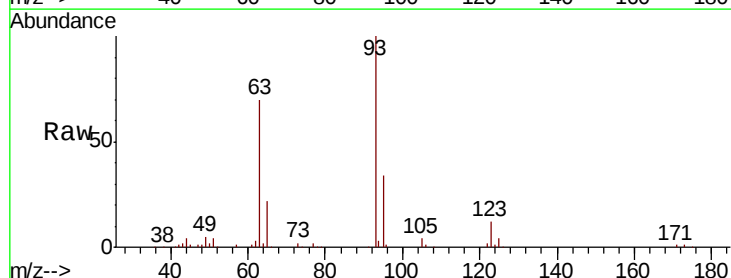
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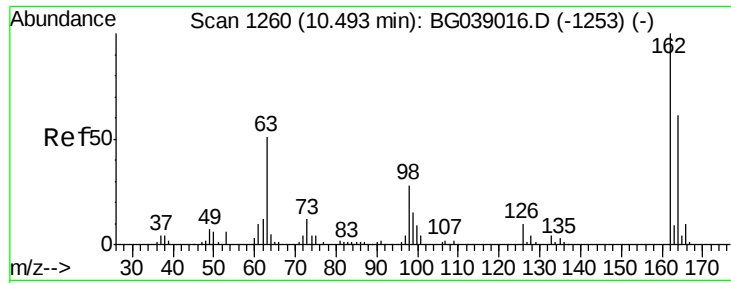
Sohil
1/14/2019 4:31:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.403 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.6	38.4
123	11.6	10.1	15.1





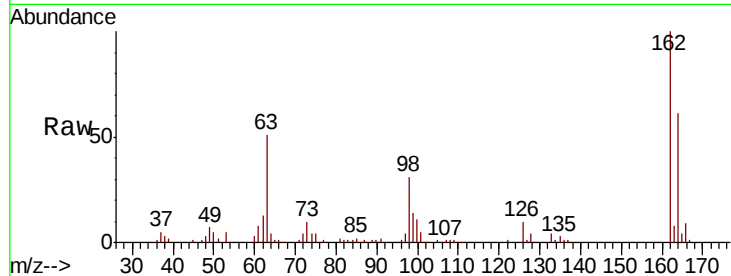
#29
 2,4-Dichlorophenol
 Concen: 53.037 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampleId :
 PB116333BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	60.9	41.3	81.3
98	31.1	8.3	48.3

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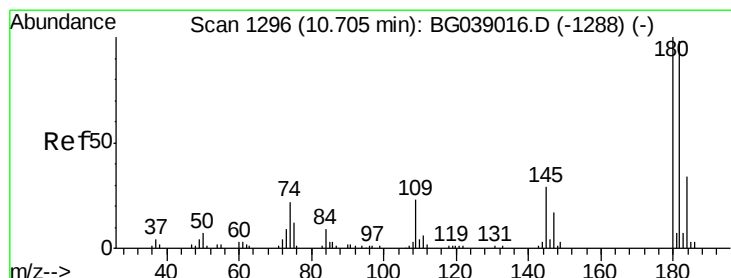
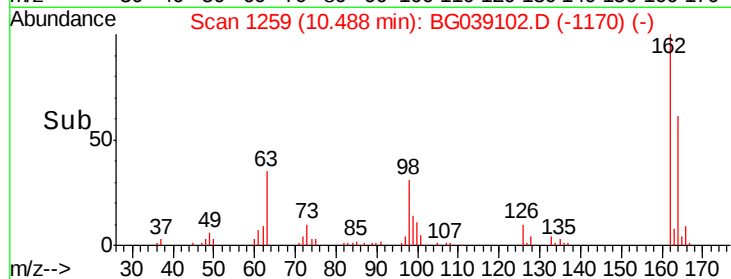
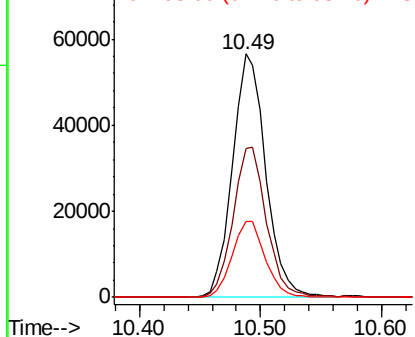


Abundance

Ion 162.00 (161.70 to 162.70): E

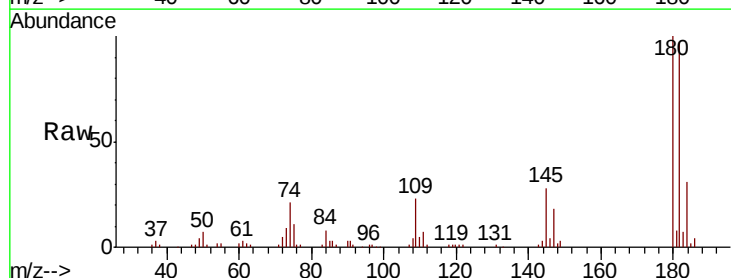
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.506 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.7	78.1	117.1
145	28.3	23.1	34.7

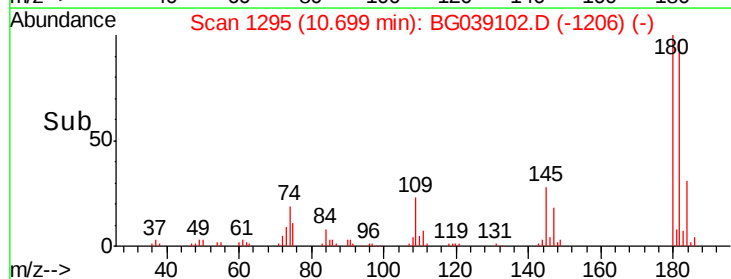
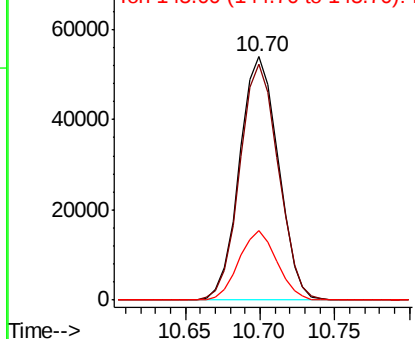


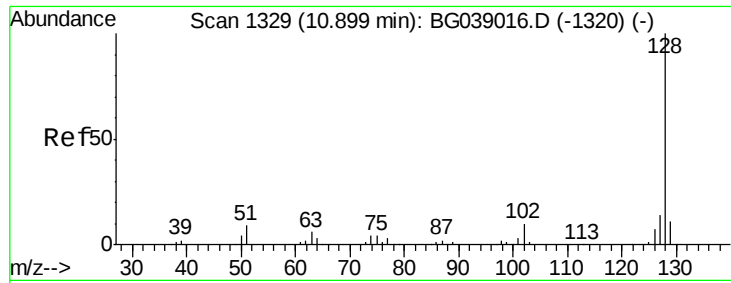
Abundance

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





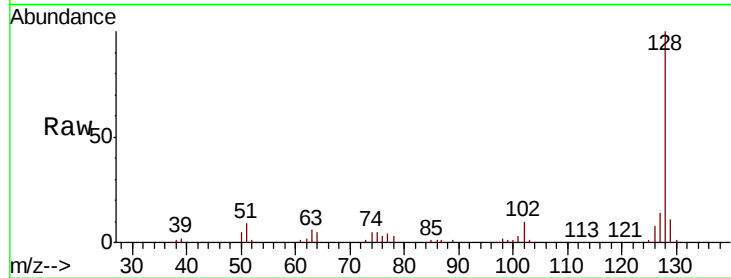
#31
Naphthalene
Concen: 45.262 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.3	9.1	13.7
127	13.9	11.2	16.8

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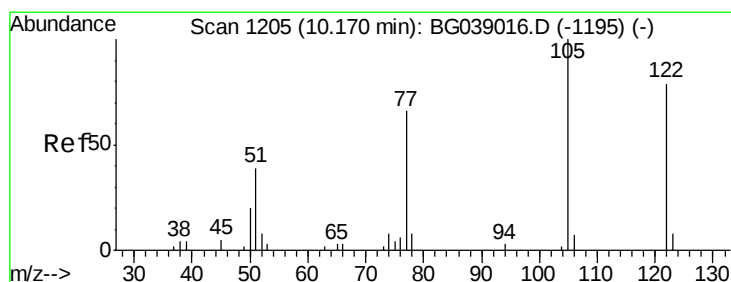
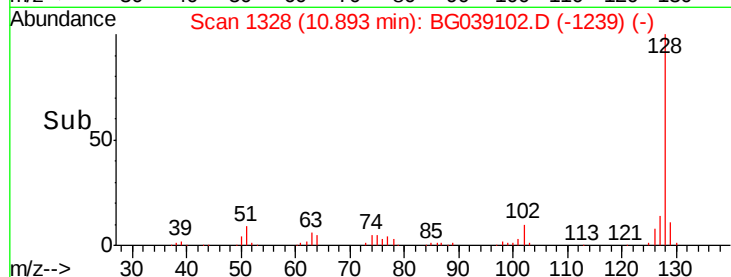
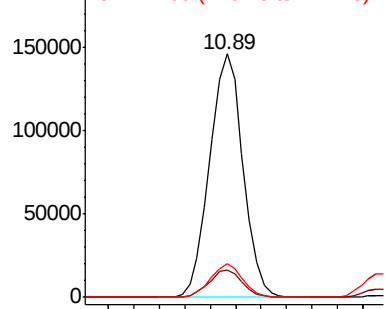


Abundance

Ion 128.00 (127.70 to 128.70): E

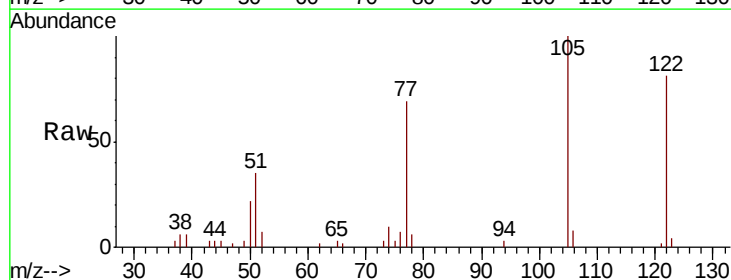
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.263 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	122.9	106.4	146.4
77	84.5	63.6	103.6

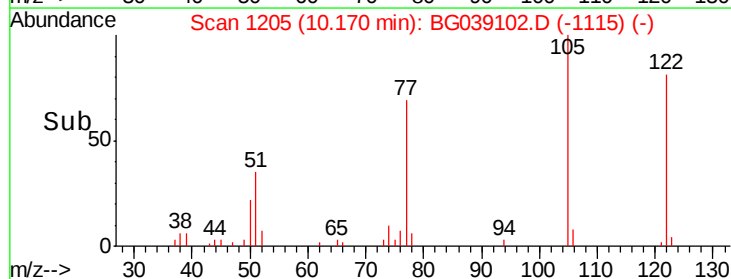
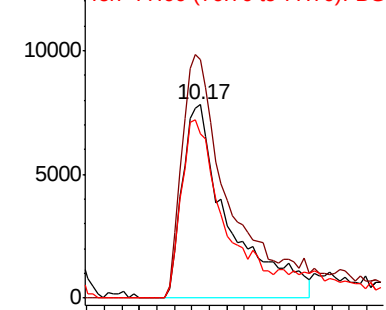


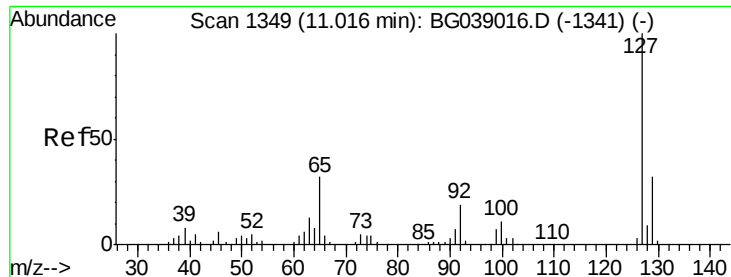
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





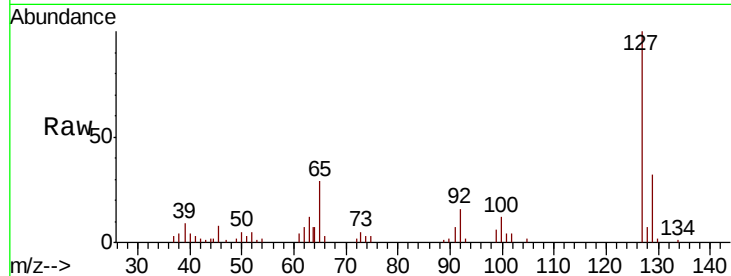
#33
4-Chloroaniline
Concen: 11.460 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

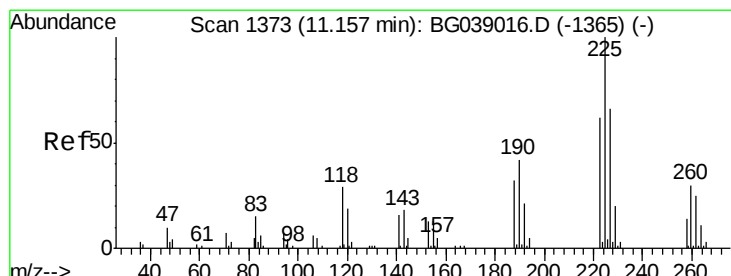
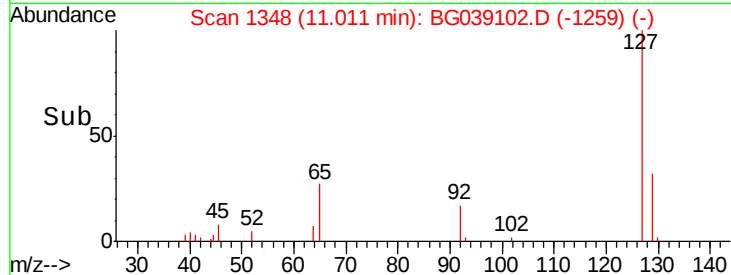
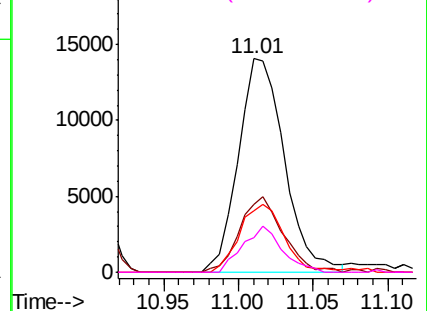
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.0
65	28.9	25.4	38.0
92	16.5	15.2	22.8

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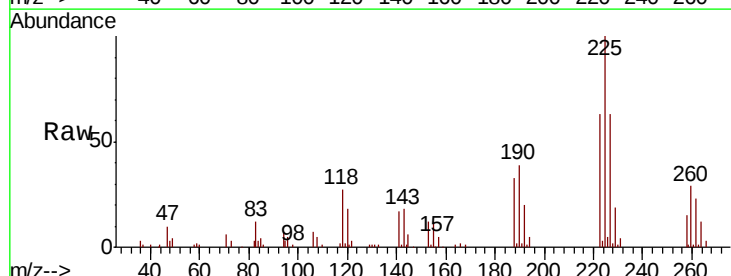


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

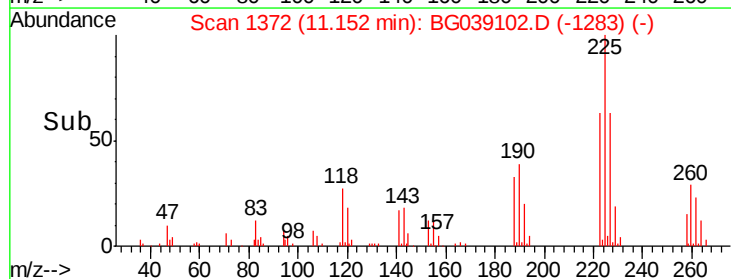
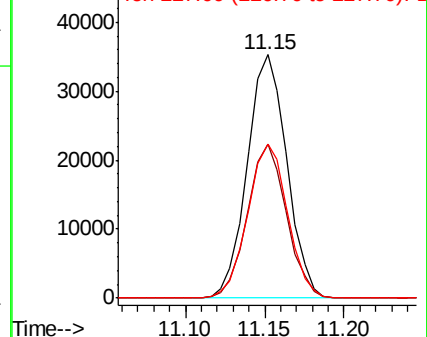


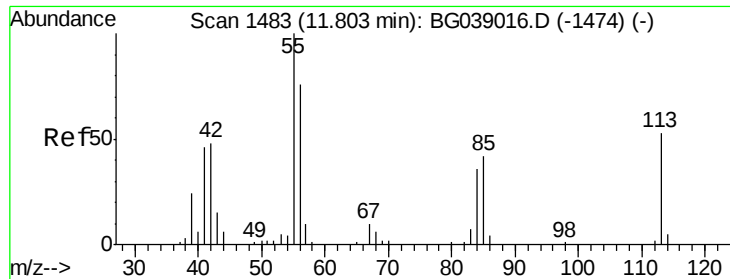
#34
Hexachlorobutadiene
Concen: 36.150 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.0	50.2	75.4
227	65.9	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: 47.454 ng/ml

RT: 11.80 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleID :

PB116333BS

Tot Ion:113 Resp: 38968

Ion Ratio Lower Upper

113 100

55 185.1 168.6 208.6

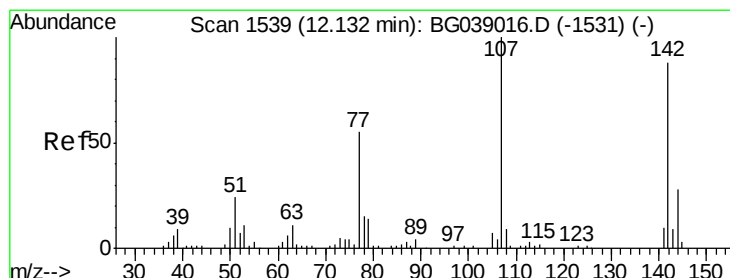
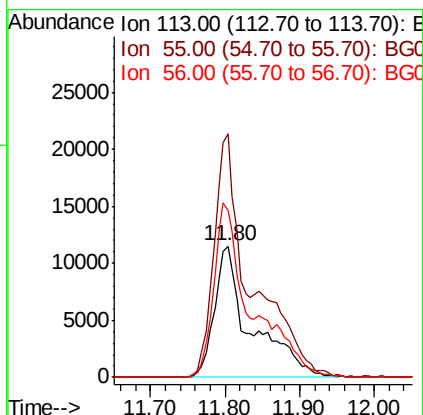
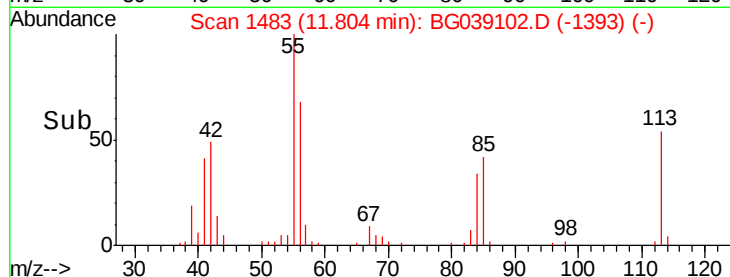
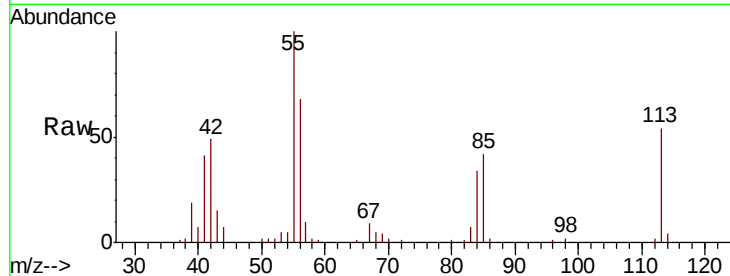
56 126.7 123.2 163.2

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#36

4-Chloro-3-methylphenol

Concen: 54.543 ng/ml

RT: 12.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

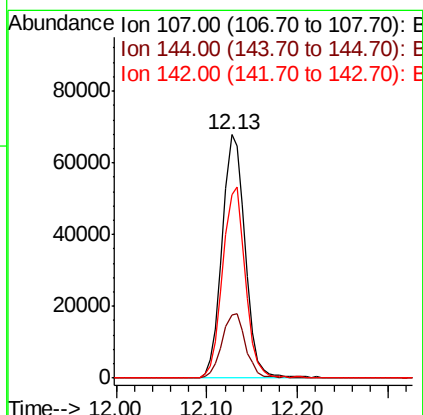
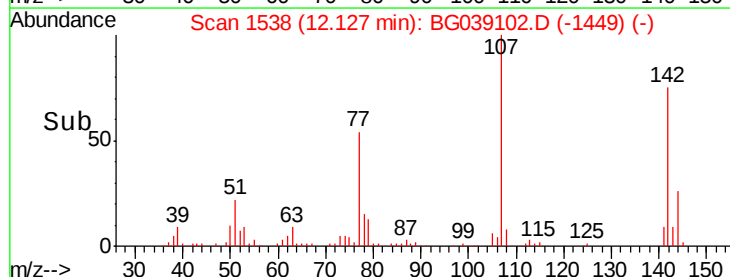
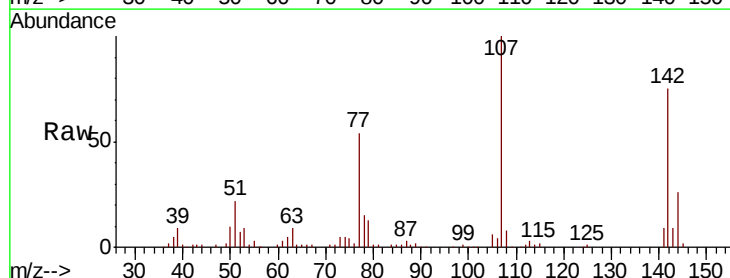
Tgt Ion:107 Resp: 119464

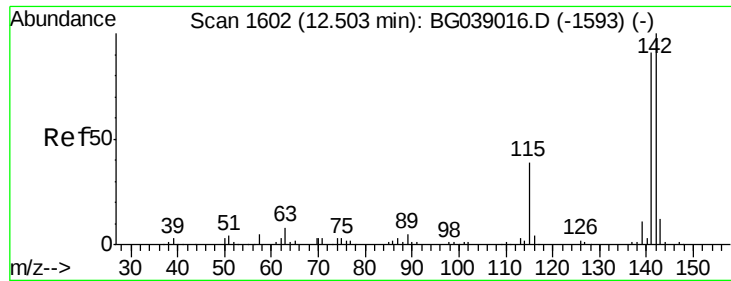
Ion Ratio Lower Upper

107 100

144 26.0 22.6 34.0

142 75.4 70.2 105.4





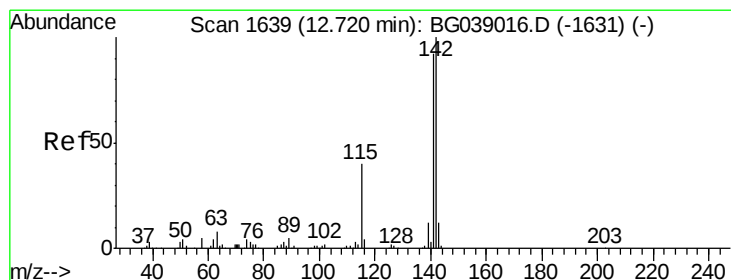
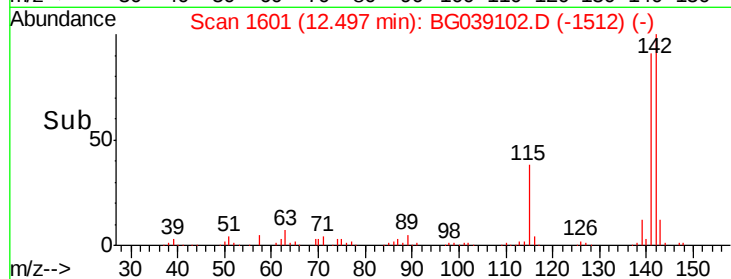
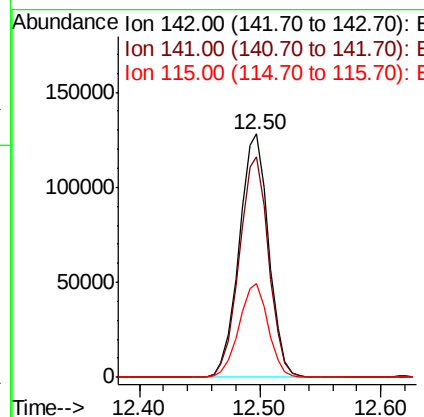
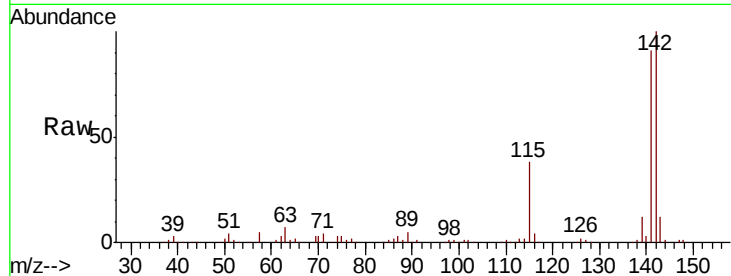
#37
2-Methylnaphthalene
Concen: 49.396 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	109.0
115	38.3	31.1	46.7

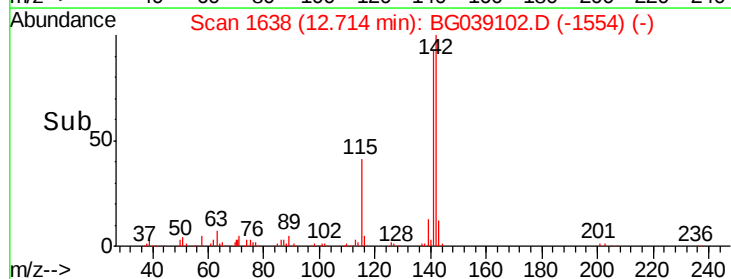
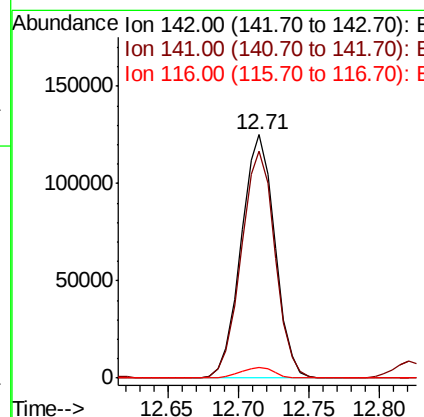
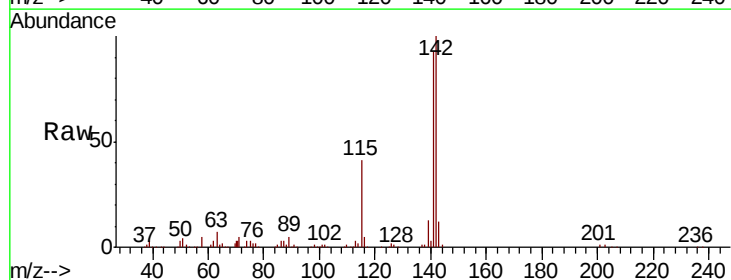
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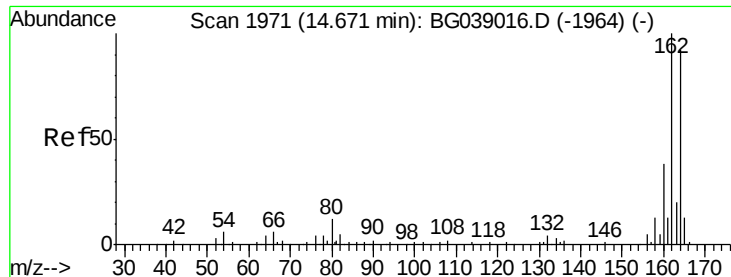
Sohil
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#38
1-Methylnaphthalene
Concen: 49.347 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.3	109.9
116	4.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

ClientSampleId :

PB116333BS

Tot Ion:164 Resp: 94390

Ion Ratio Lower Upper

164 100

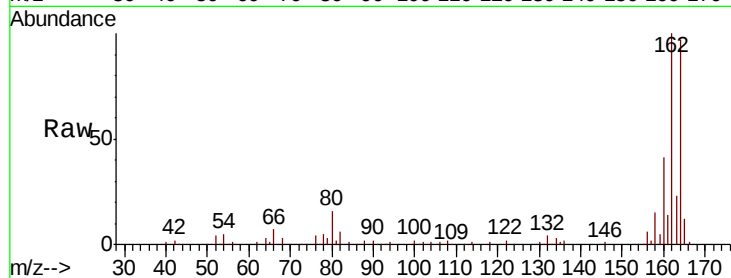
162 103.2 87.2 130.8

160 42.4 33.3 49.9

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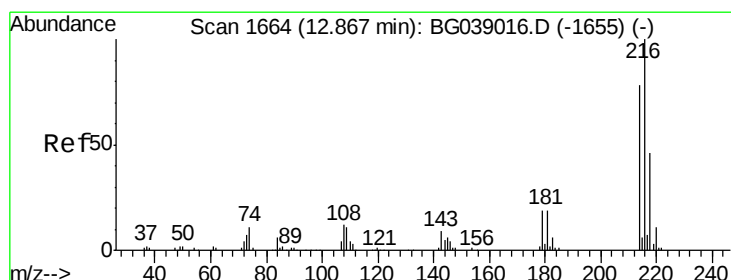
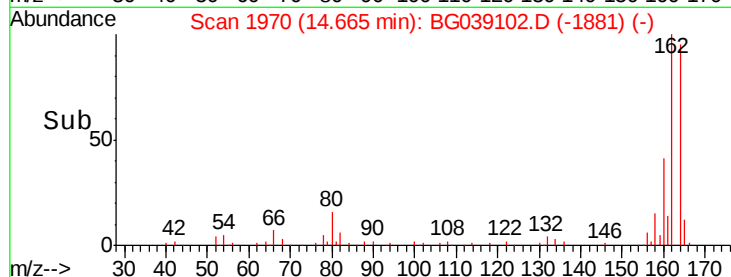
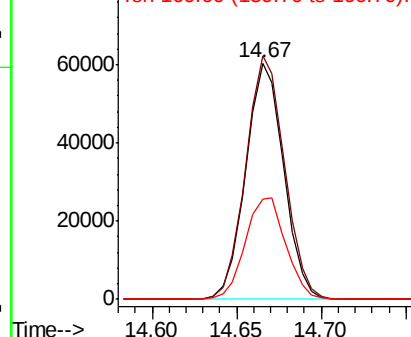


Abundance

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: 41.005 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:216 Resp: 145357

Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 20.1 15.5 23.3

108 15.6 11.4 17.2

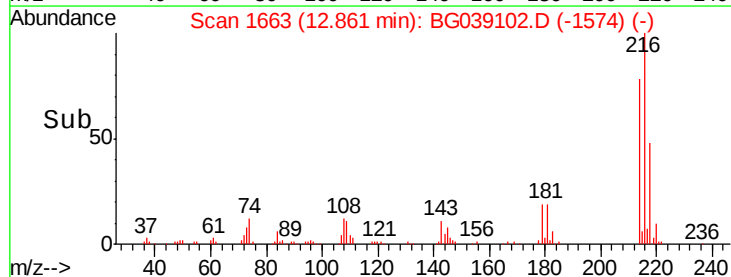
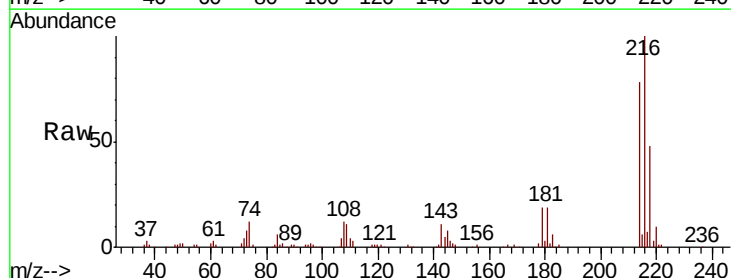
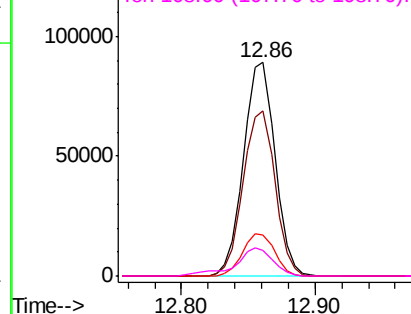
Abundance

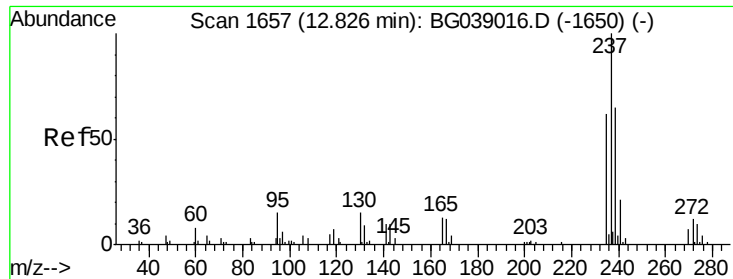
Ion 216.00 (215.70 to 216.70): E

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: 72.638 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

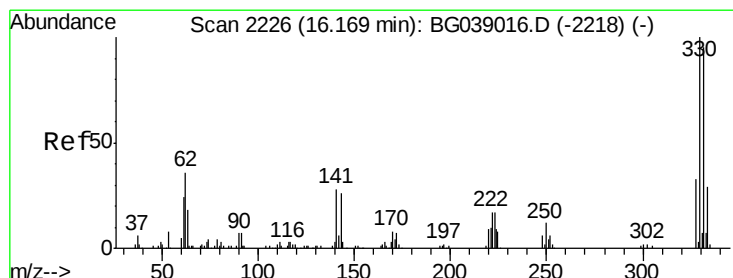
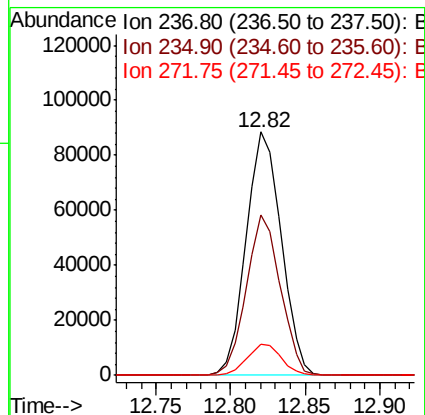
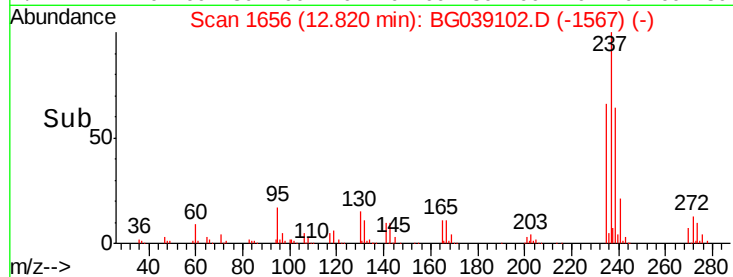
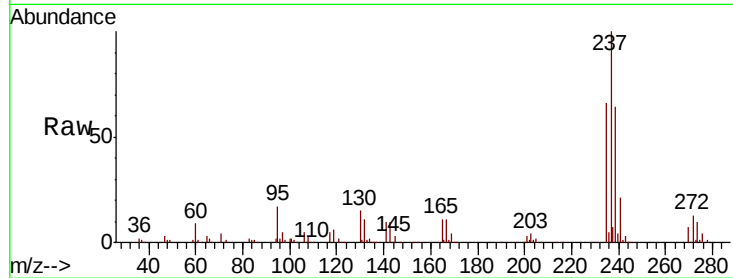
ClientSampleId :

PB116333BS

Tot Ion:	237	Resp:	143887
Ion Ratio	Lower	Upper	
237	100		
235	65.6	41.7	81.7
272	12.7	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 129.137 ng

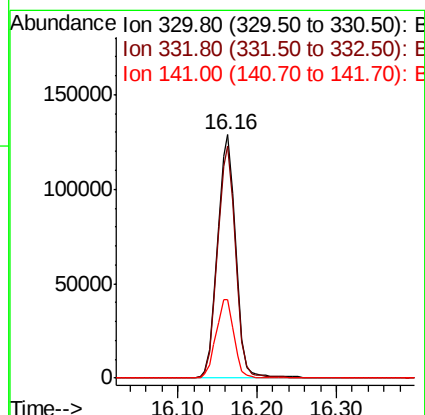
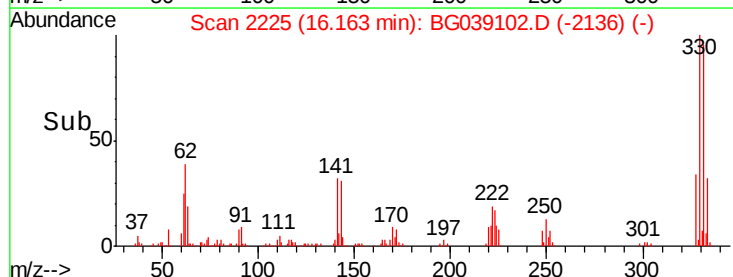
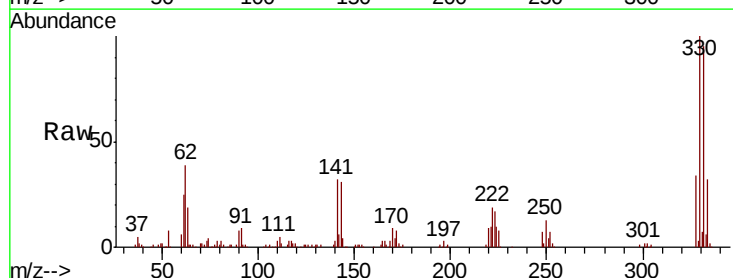
RT: 16.16 min Scan# 2225

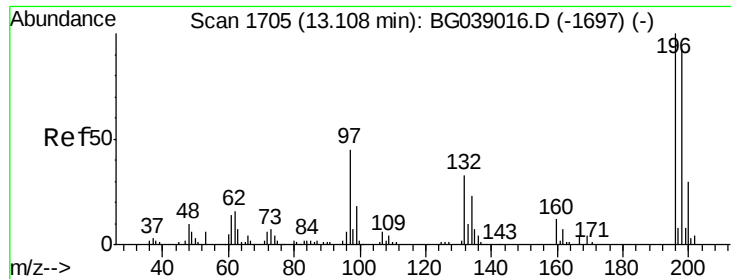
Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	330	Resp:	204326
Ion Ratio	Lower	Upper	
330	100		
332	94.7	75.7	113.5
141	32.0	24.9	37.3





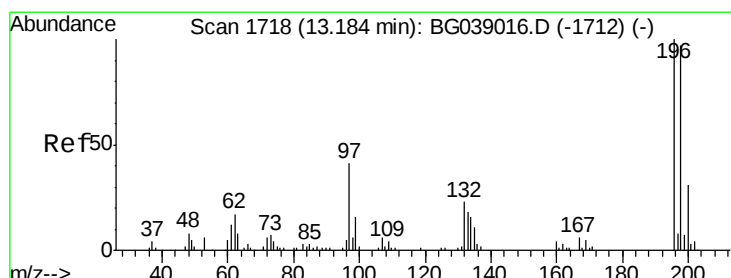
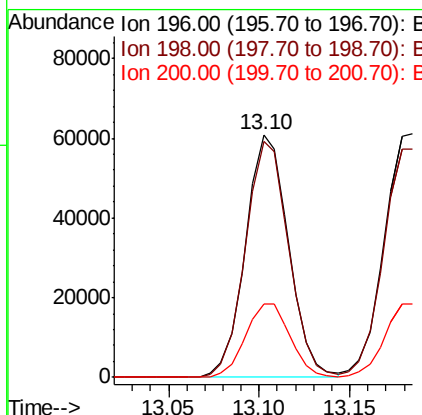
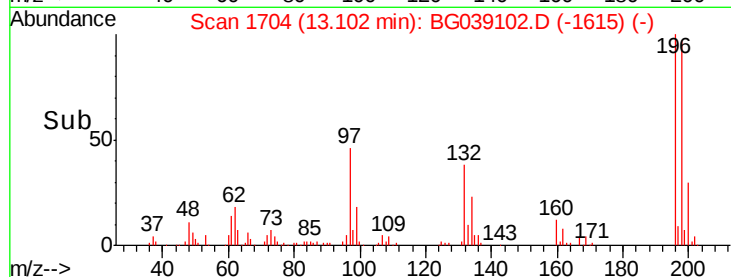
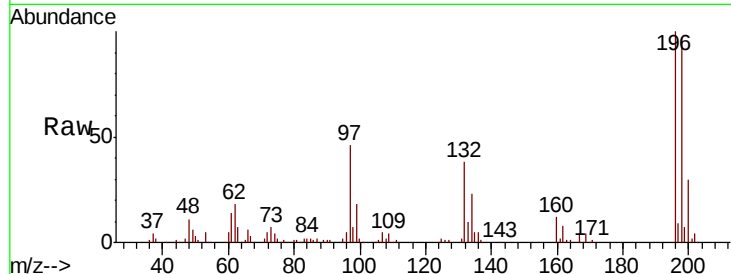
#43
 2,4,6-Trichlorophenol
 Concen: 44.996 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampled :
 PB116333BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	100389		
198	97.0	74.5	111.7	
200	30.0	23.8	35.6	

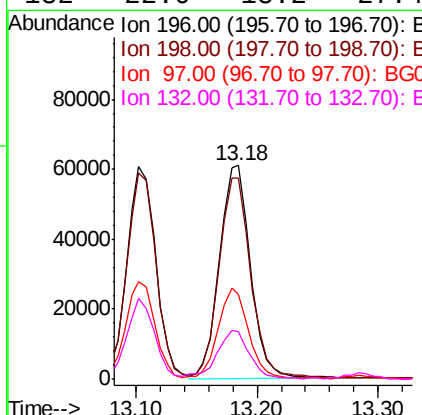
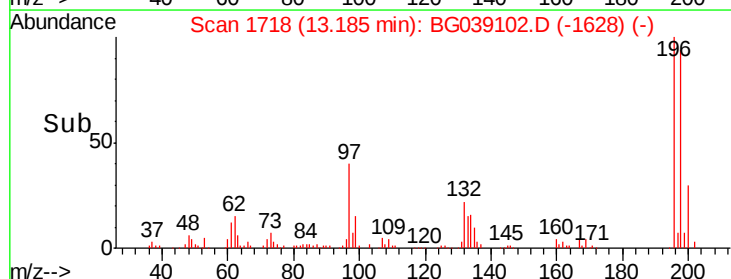
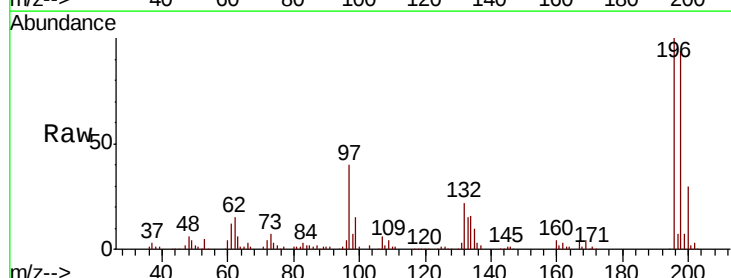
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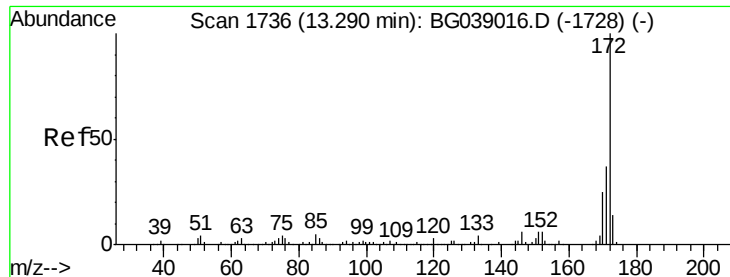
Sohil
 1/14/2019 4:31:20 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.837 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	108085		
198	93.8	78.1	117.1	
97	39.8	33.2	49.8	
132	22.0	18.2	27.4	





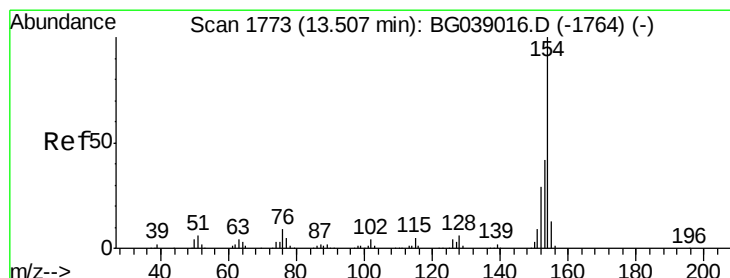
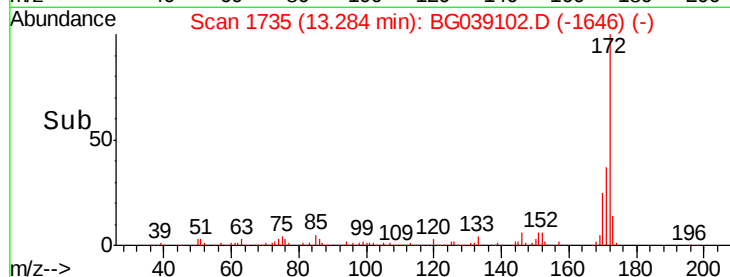
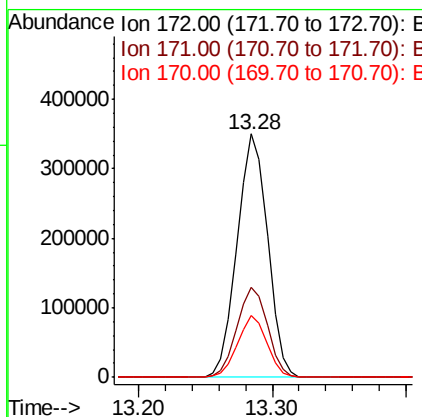
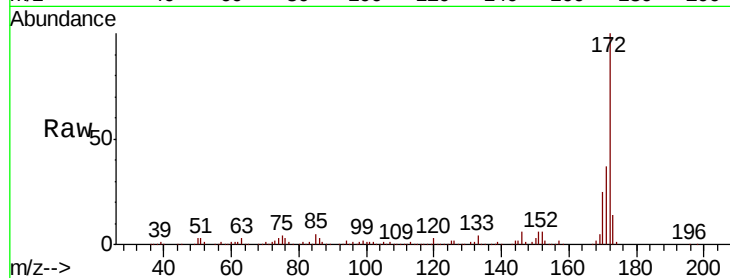
#45
 2-Fluorobiphenyl
 Concen: 80.219 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampleId :
 PB116333BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	25.4	20.1	30.1

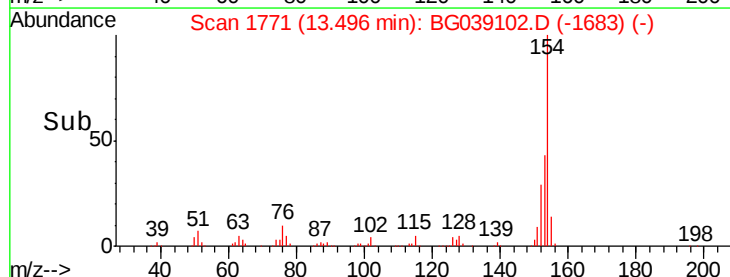
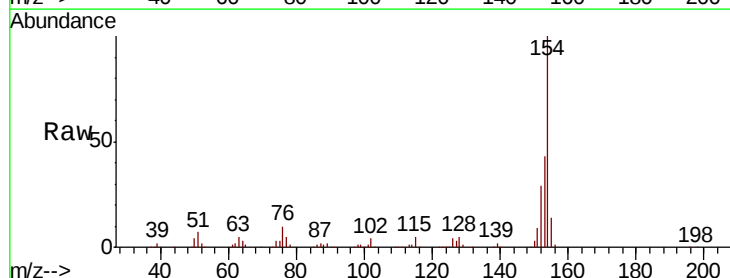
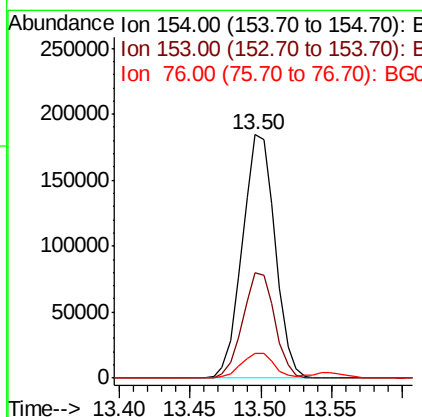
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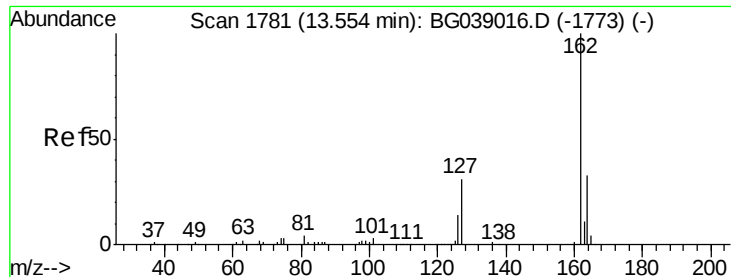
Sohil
 1/14/2019 4:31:20 PM



#46
 1,1'-Biphenyl
 Concen: 40.067 ng
 RT: 13.50 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.4	62.4
76	10.2	0.0	29.4





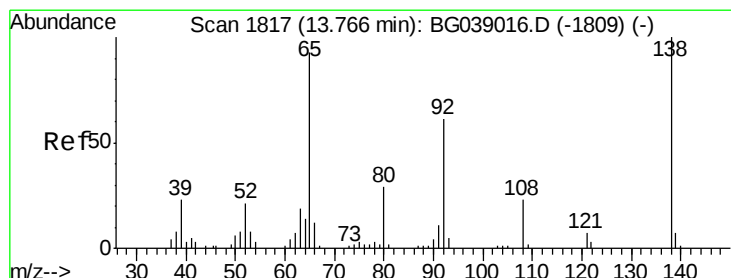
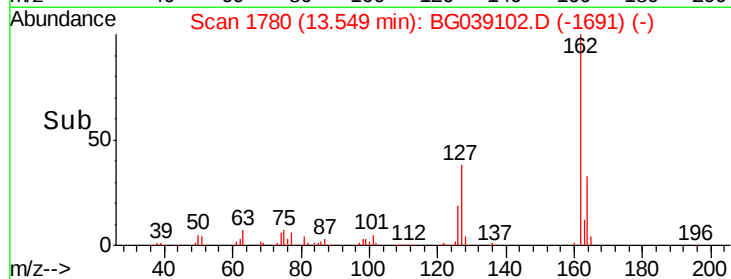
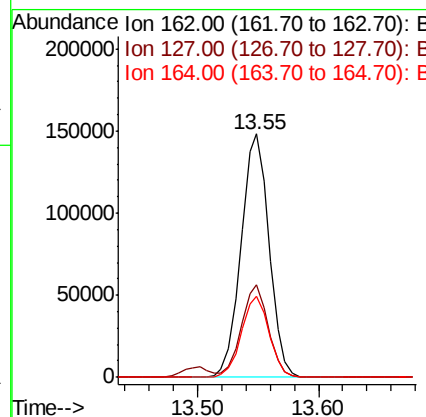
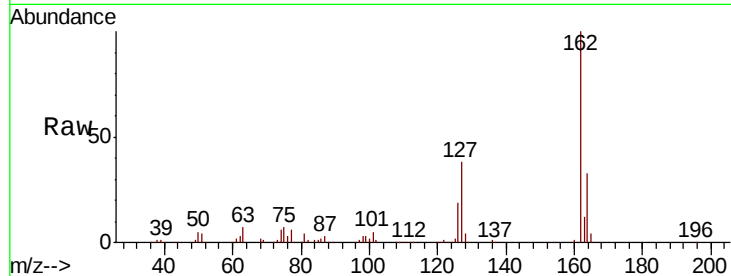
#47
2-Chloronaphthalene
Concen: 39.650 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.1	28.4	42.6	
164	33.3	26.3	39.5	

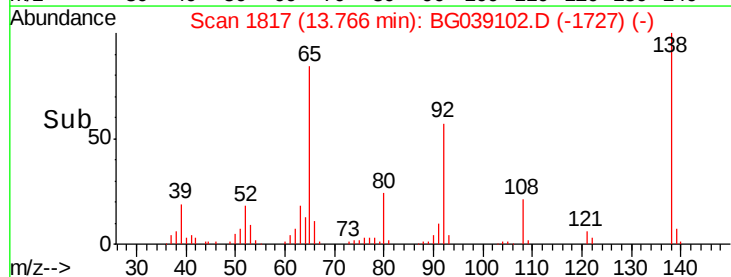
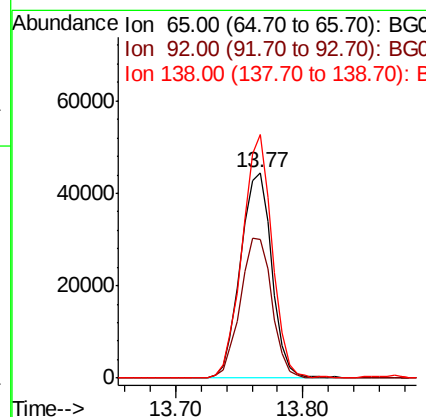
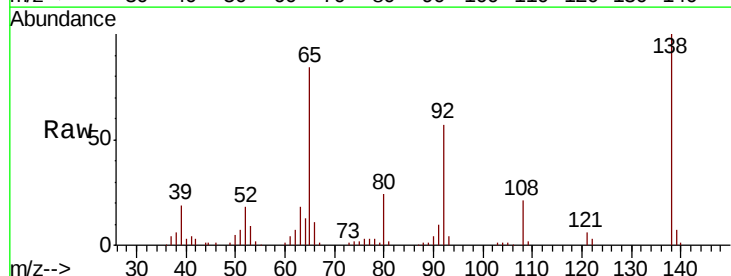
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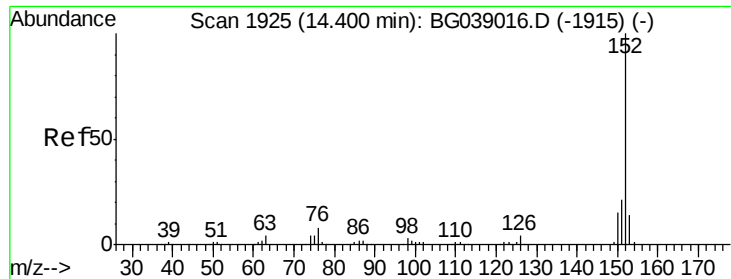
Sohil
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#48
2-Nitroaniline
Concen: 44.925 ng
RT: 13.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	67.6	52.2	78.4	
138	118.5	86.0	129.0	





#49

Acenaphthylene

Concen: 44.980 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

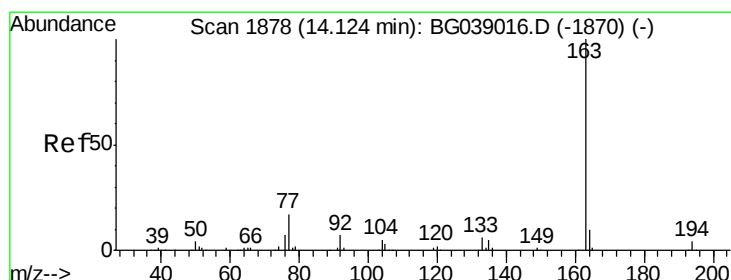
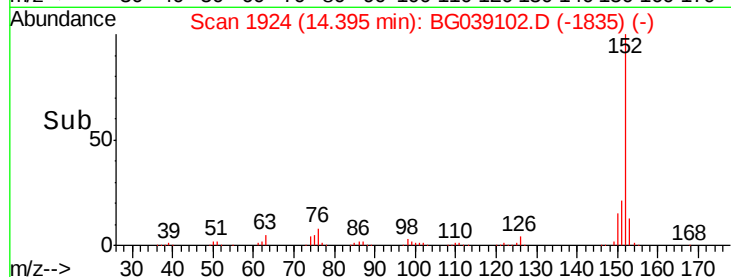
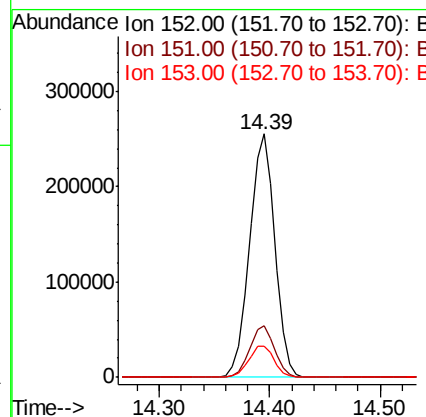
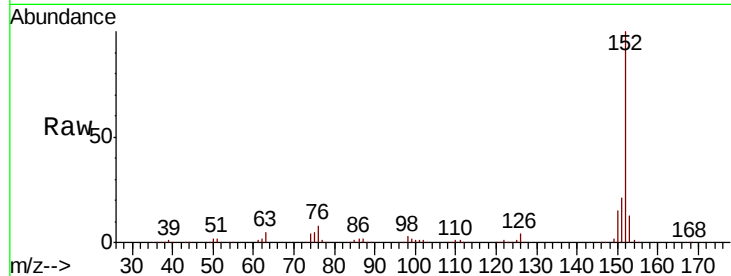
ClientSampleId :

PB116333BS

Tot Ion:	152	Resp:	409190
Ion Ratio		Lower	Upper
152	100		
151	21.1	17.0	25.4
153	12.9	11.2	16.8

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#50

Dimethylphthalate

Concen: 43.253 ng

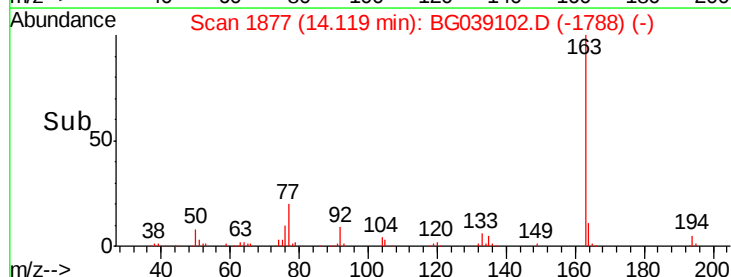
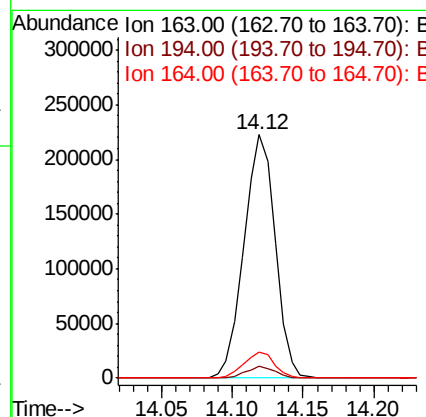
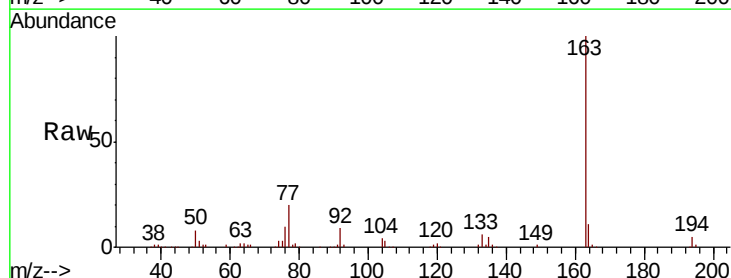
RT: 14.12 min Scan# 1877

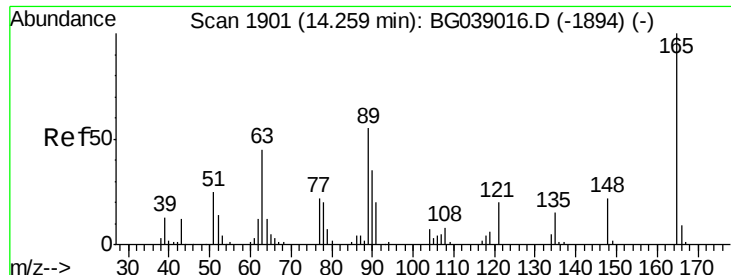
Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	163	Resp:	345006
Ion Ratio		Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.6	8.2	12.2





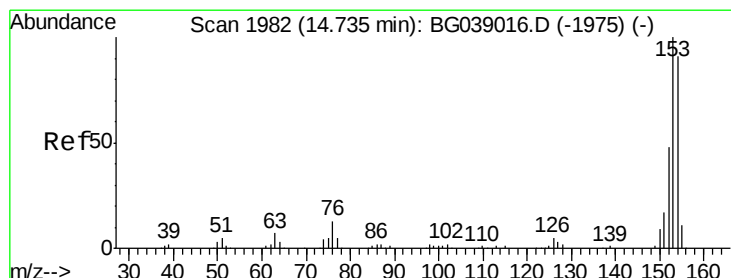
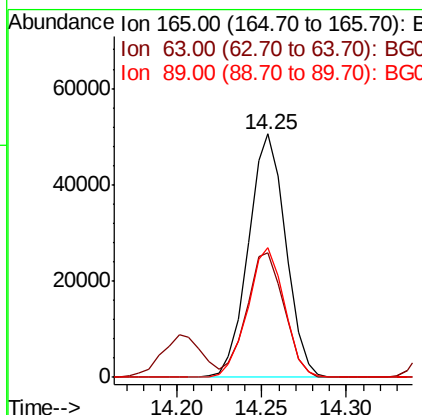
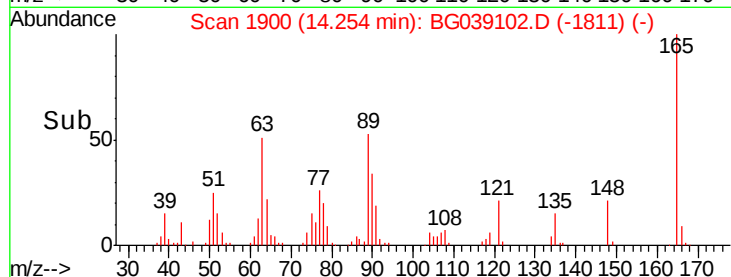
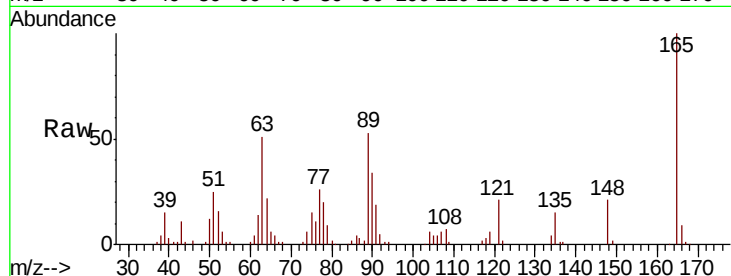
#51
 2,6-Dinitrotoluene
 Concen: 43.387 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampleId :
 PB116333BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.2	43.6	65.4
89	53.2	43.7	65.5

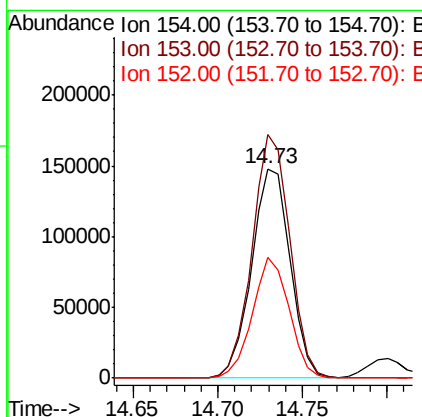
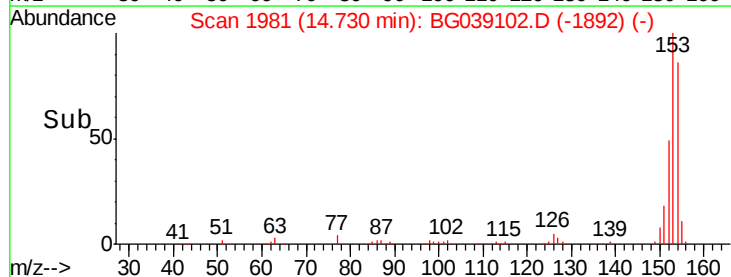
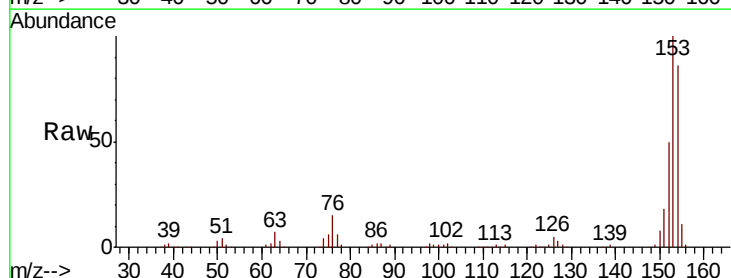
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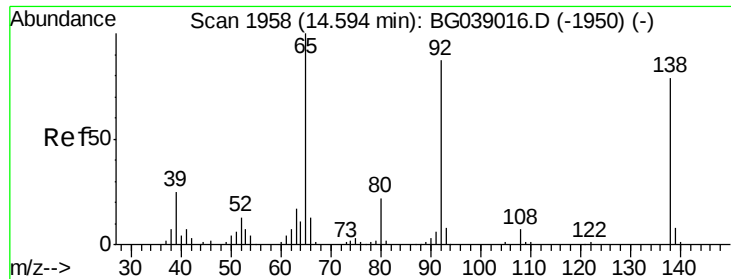
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#52
 Acenaphthene
 Concen: 42.976 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.4	87.9	131.9
152	57.9	42.2	63.2





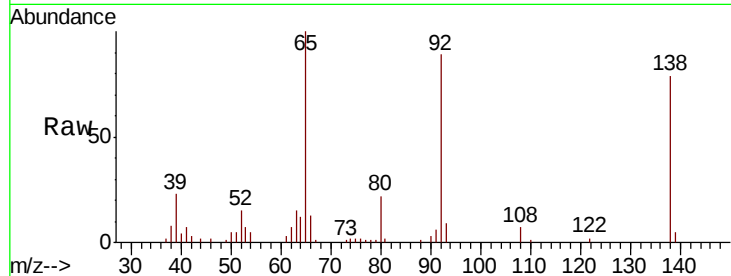
#53
3-Nitroaniline
Concen: 11.611 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.4	11.0
92	113.5	88.2	132.4

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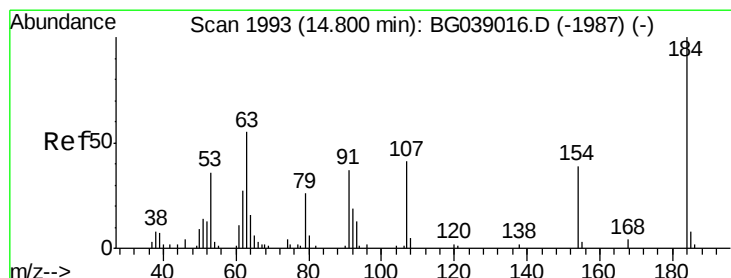
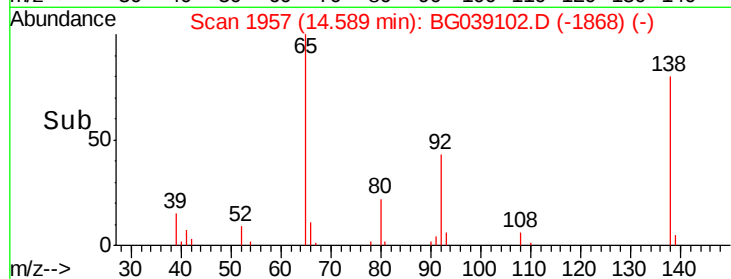
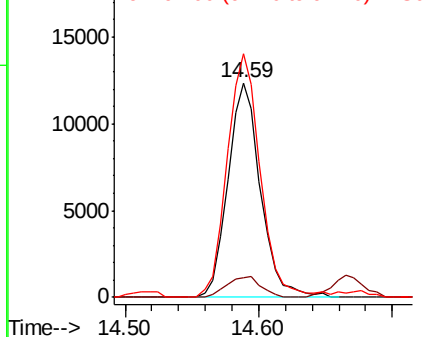


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 41.481 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

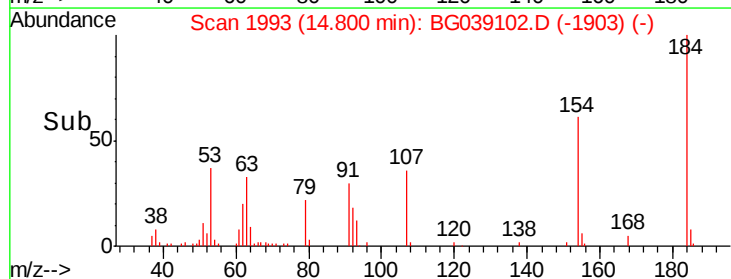
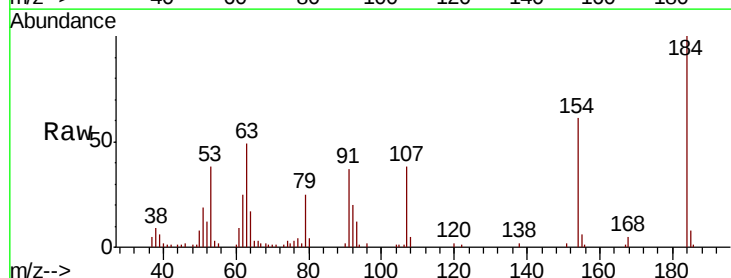
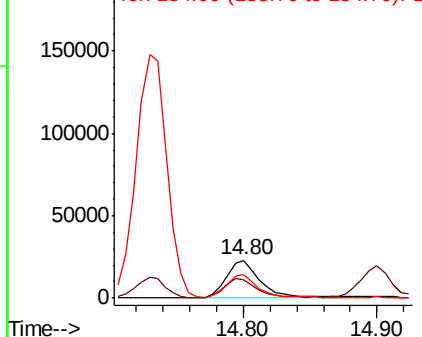
Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.5	44.0	66.0
154	60.9	46.1	69.1

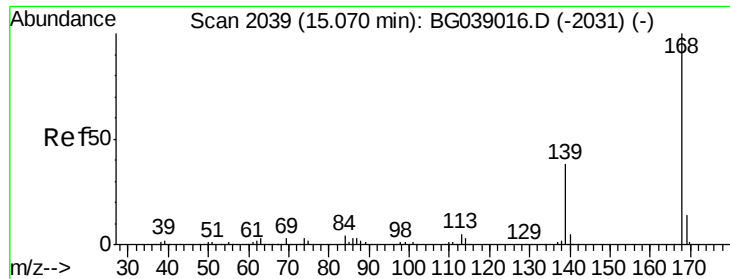
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





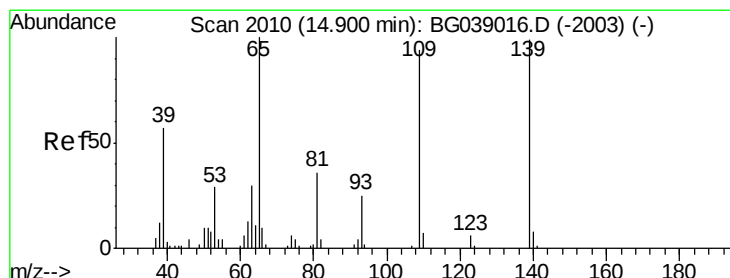
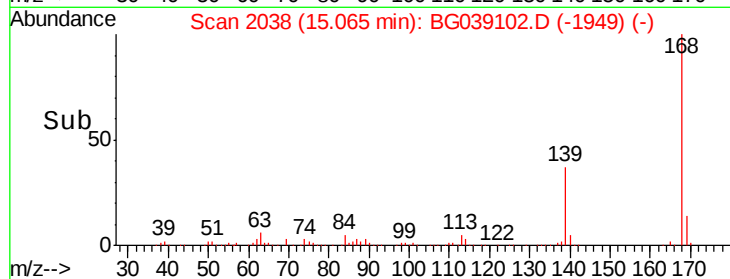
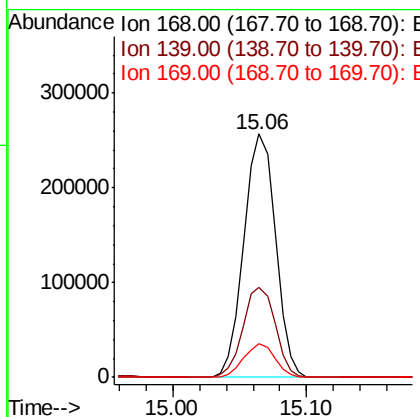
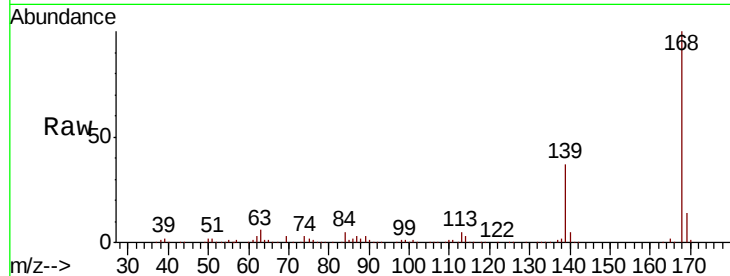
#55
Dibenzenofuran
Concen: 43.561 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion:	168	Resp:	420509
Ion Ratio	Lower	Upper	
168	100		
139	37.2	30.1	45.1
169	13.7	10.9	16.3

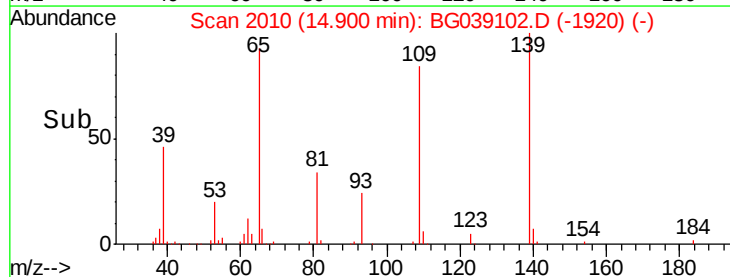
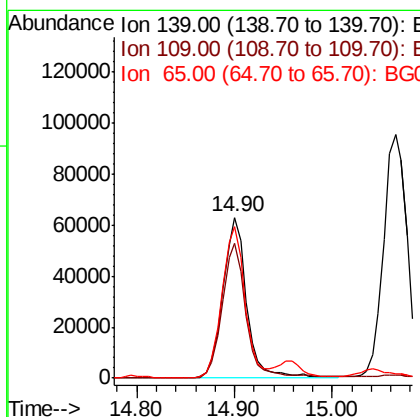
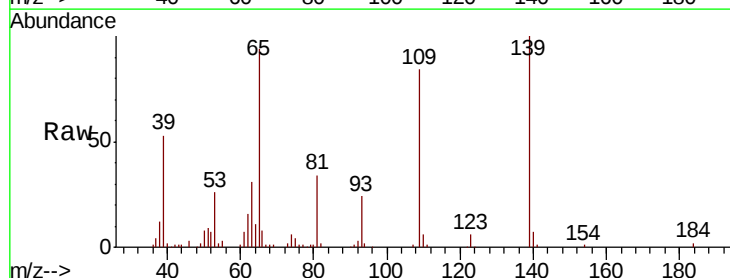
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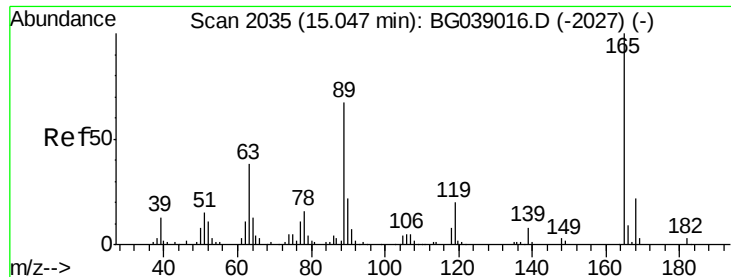
Sohil
1/14/2019 4:31:20 PM



#56
4-Nitrophenol
Concen: 82.355 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion:	139	Resp:	107199
Ion Ratio	Lower	Upper	
139	100		
109	83.9	75.6	115.6
65	94.3	81.2	121.2





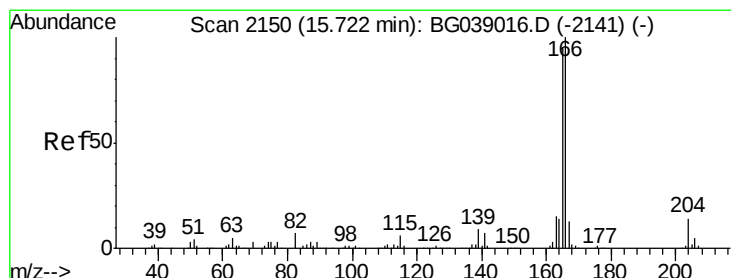
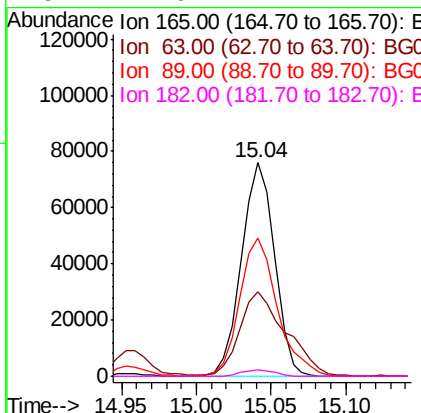
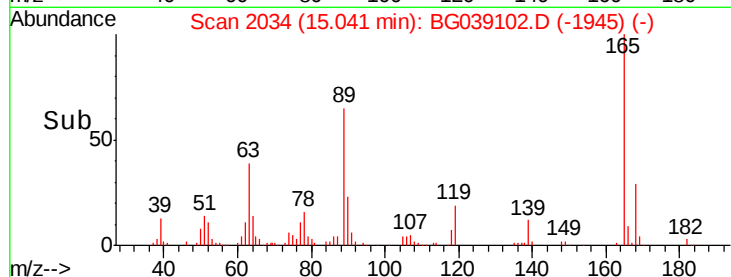
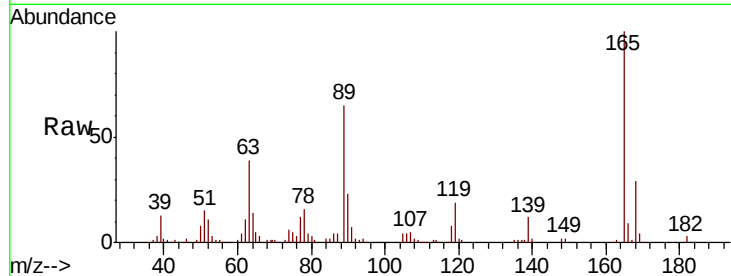
#57
2,4-Dinitrotoluene
Concen: 45.534 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	39.4	30.2	45.4
89	64.9	53.2	79.8
182	2.9	2.7	4.1

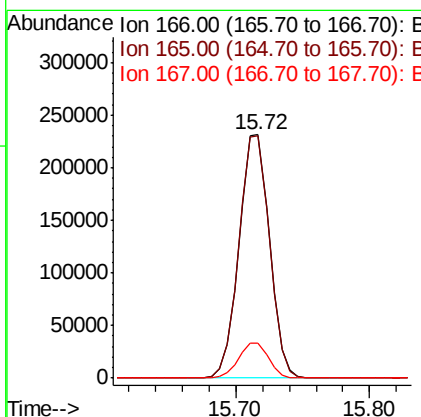
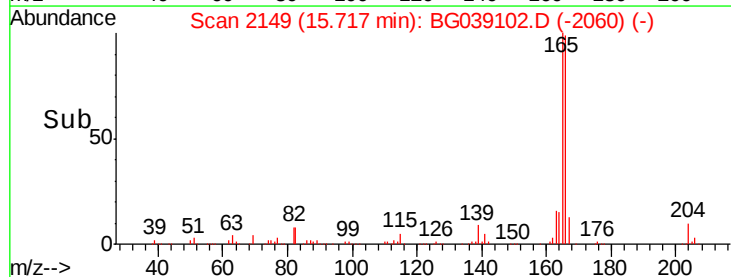
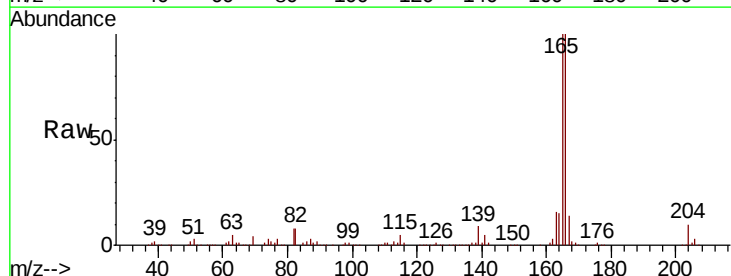
Manual Integrations
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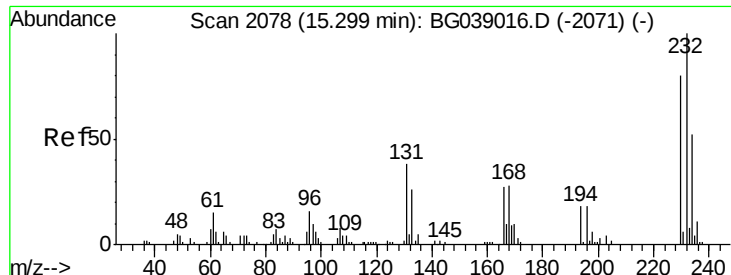
Sohil
1/14/2019 4:31:20 PM



#58
Fluorene
Concen: 50.011 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.6	76.2	114.2
167	14.2	10.6	16.0





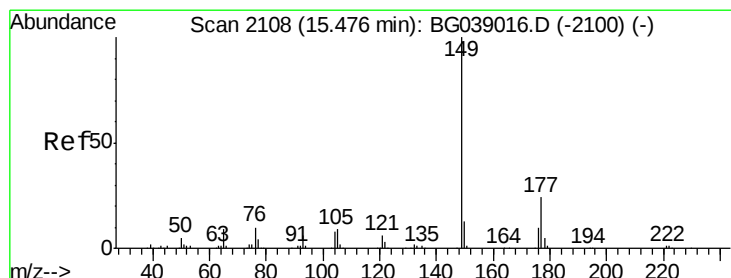
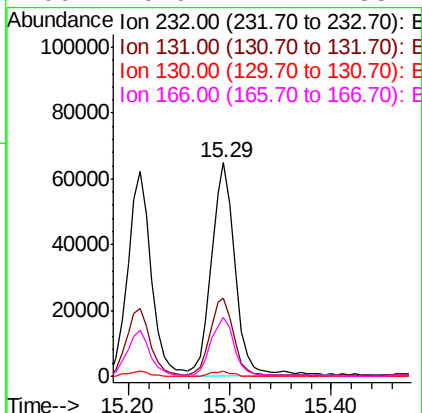
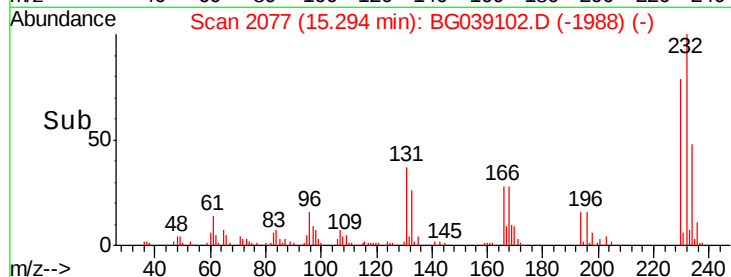
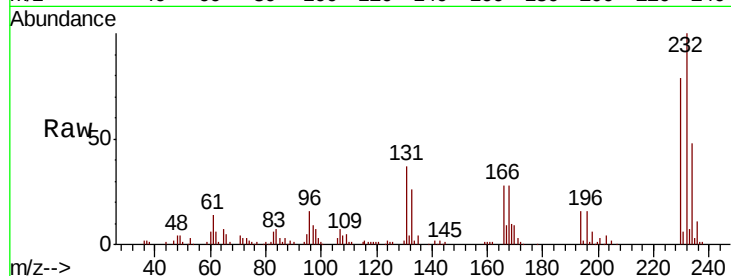
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.927 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampled :
PB116333BS

Tot Ion:	232	Resp:	104456
Ion Ratio	Lower	Upper	
232	100		
131	37.0	30.9	46.3
130	2.2	1.9	2.9
166	26.9	22.1	33.1

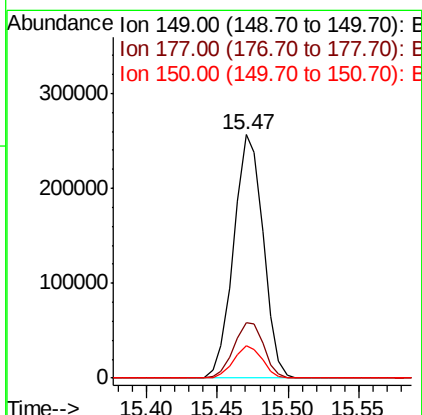
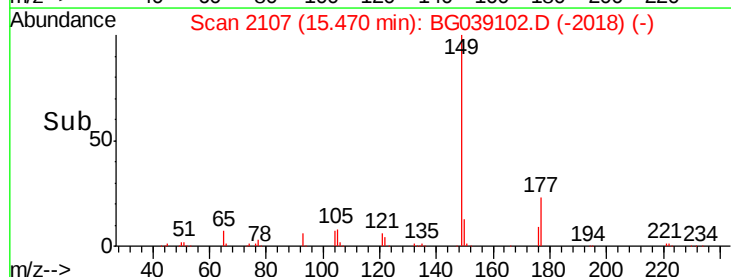
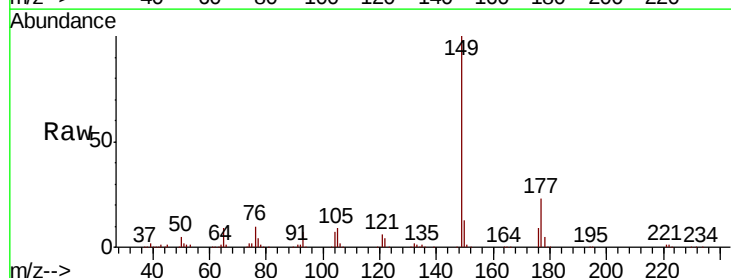
Manual Integrations
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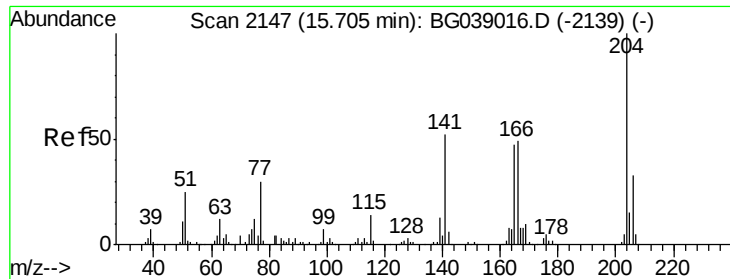
Sohil
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#60
Diethylphthalate
Concen: 45.537 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion:	149	Resp:	374227
Ion Ratio	Lower	Upper	
149	100		
177	22.9	19.0	28.6
150	13.3	10.2	15.4





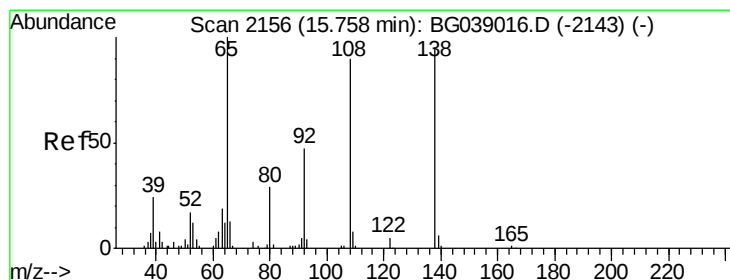
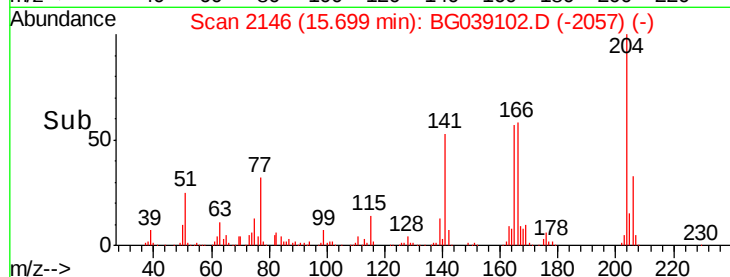
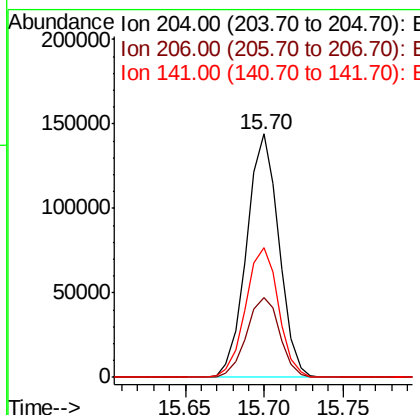
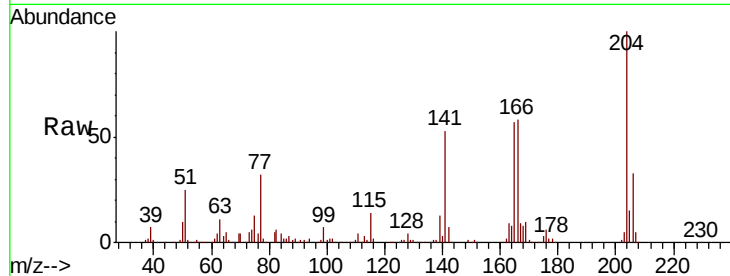
#61
4-Chlorophenyl-phenylether
Concen: 44.566 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampled :
PB116333BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	53.0	41.4	62.0

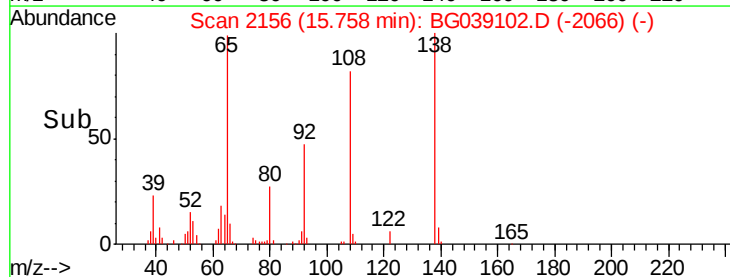
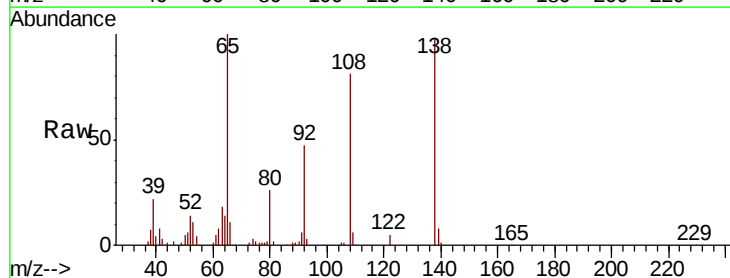
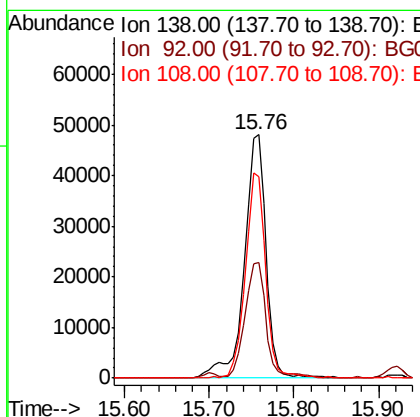
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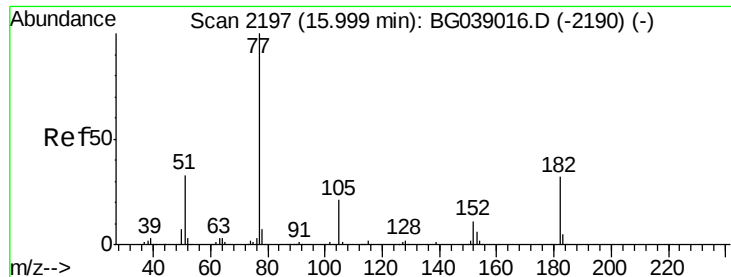
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#62
4-Nitroaniline
Concen: 45.621 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	29.7	69.7
108	82.8	75.7	115.7





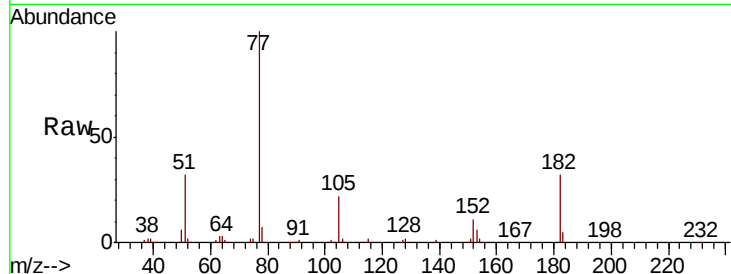
#63
Azobenzene
Concen: 46.994 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.9	12.2	52.2		
105	21.9	1.2	41.2		
51	31.9	13.4	53.4		

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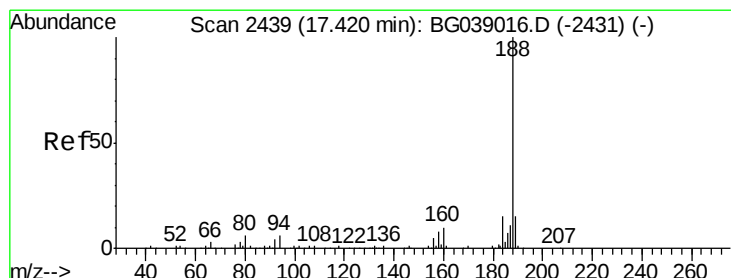
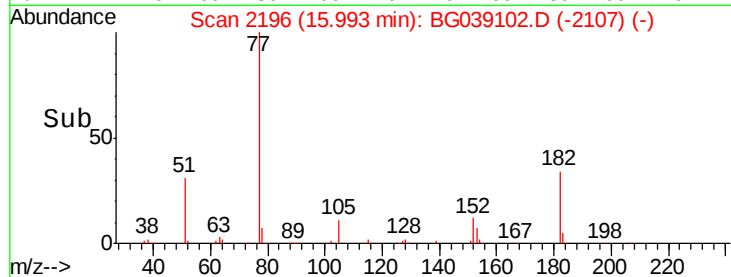
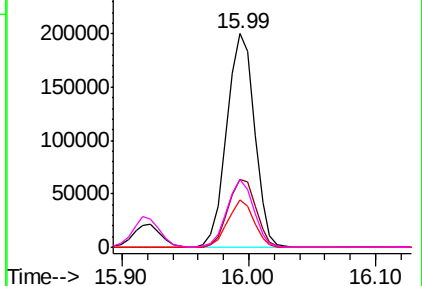
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

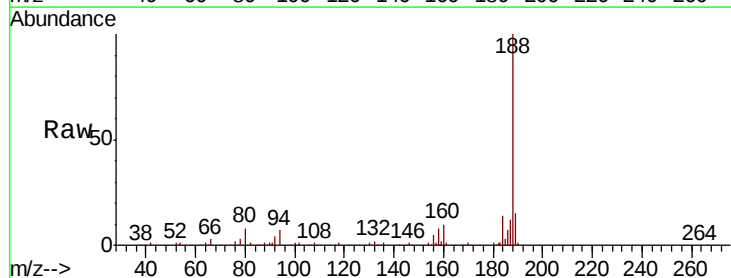
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.7	5.0	7.4		
80	8.1	4.7	7.1#		

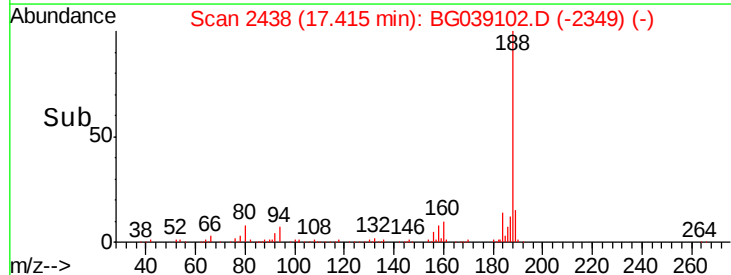
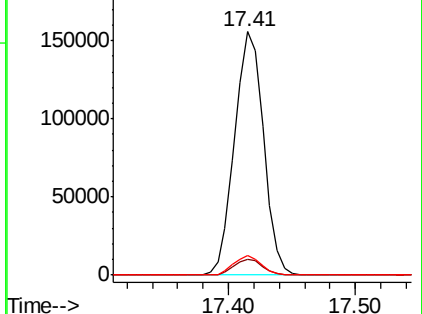


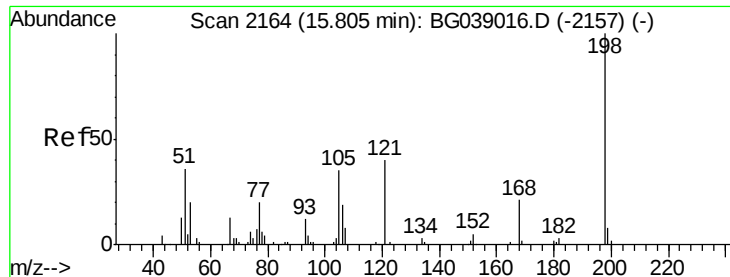
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 27.743 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

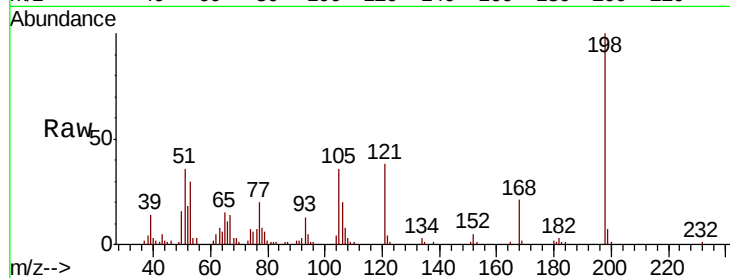
ClientSampleId :

PB116333BS

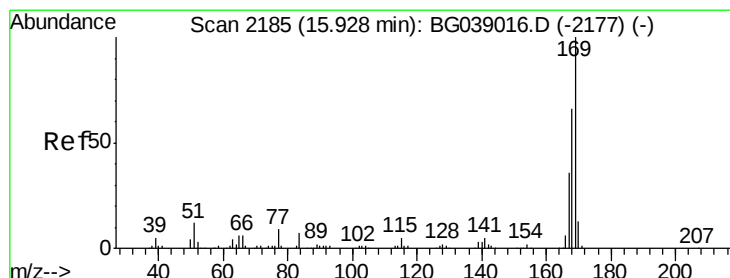
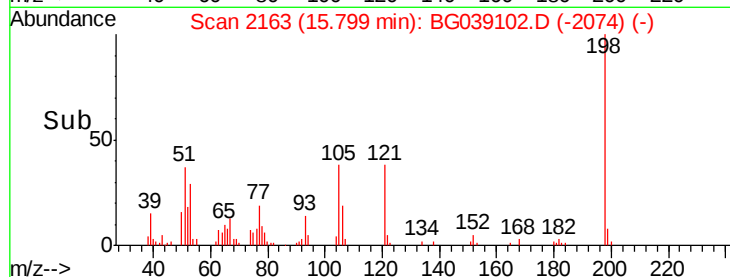
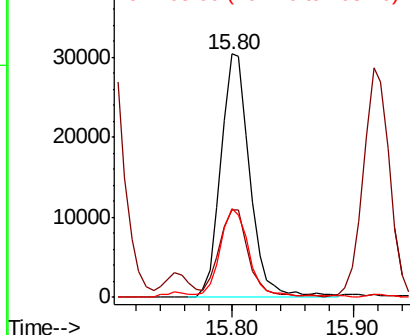
Tot Ion:	198	Resp:	50600
Ion Ratio	Lower	Upper	
198	100		
51	36.0	20.8	60.8
105	36.4	16.1	56.1

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.053 ng

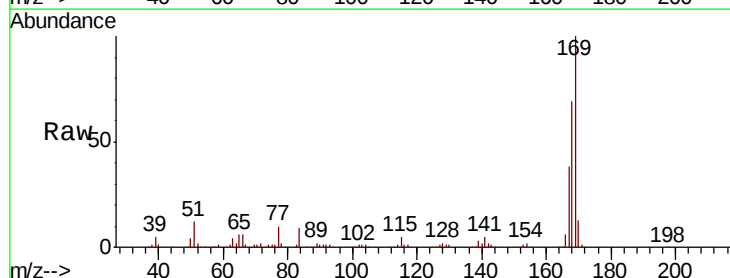
RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

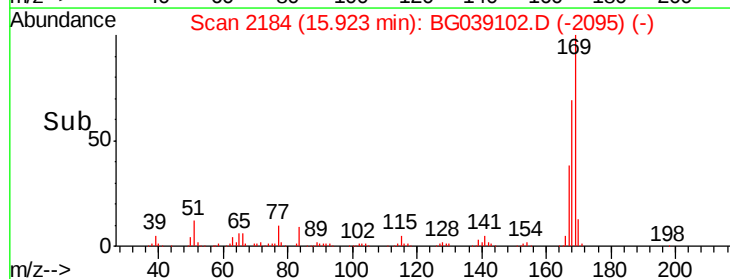
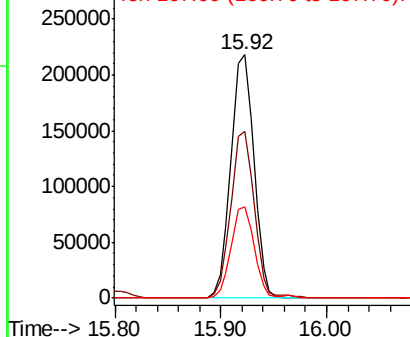
Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	169	Resp:	328795
Ion Ratio	Lower	Upper	
169	100		
168	68.7	53.2	79.8
167	37.7	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





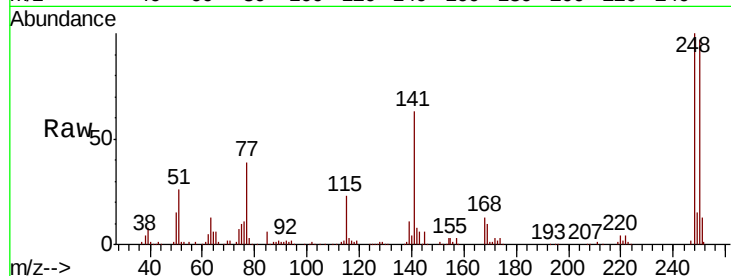
#67
4-Bromophenyl-phenylether
Concen: 42.107 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.9	119.9
141	62.8	52.7	79.1

Manual Integrations
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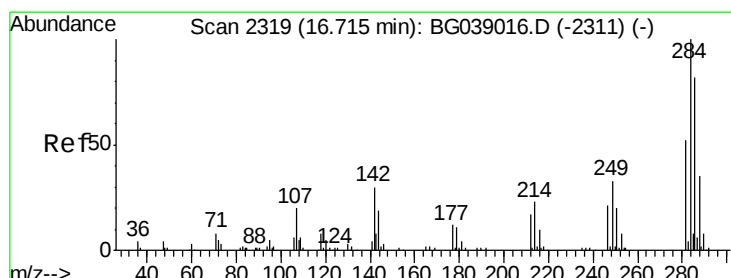
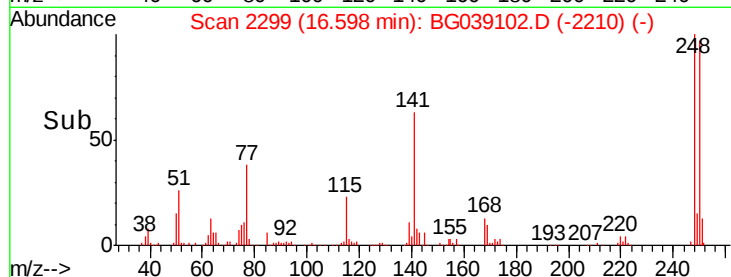
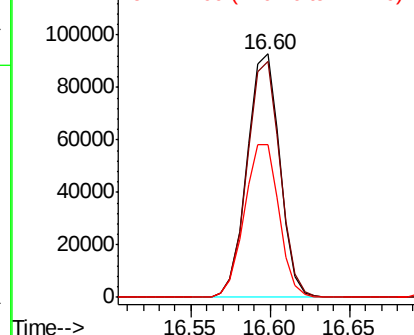


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.697 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

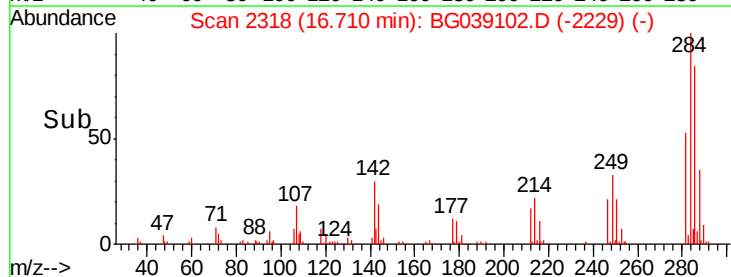
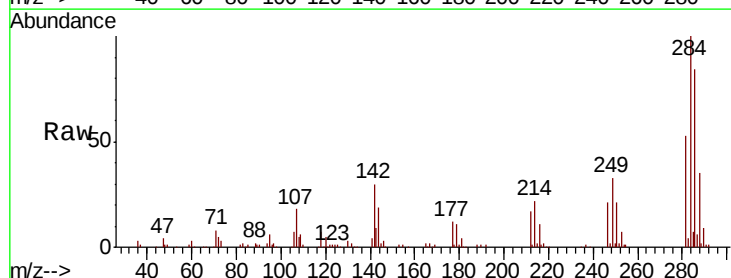
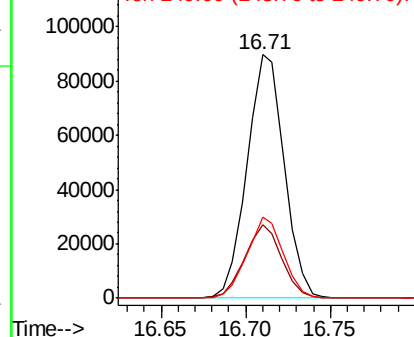
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	24.3	36.5
249	35.7	27.8	41.8

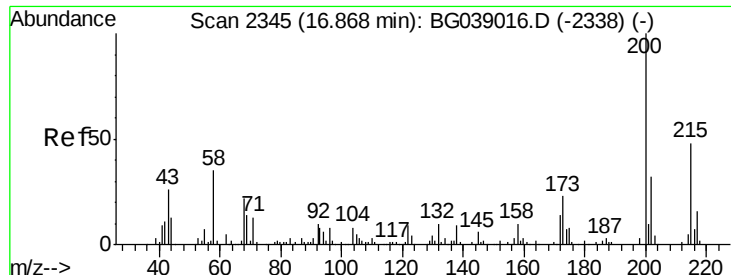
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





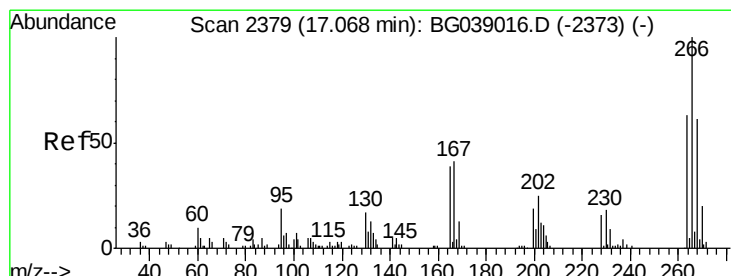
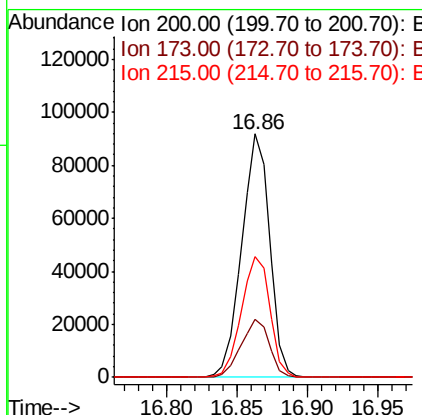
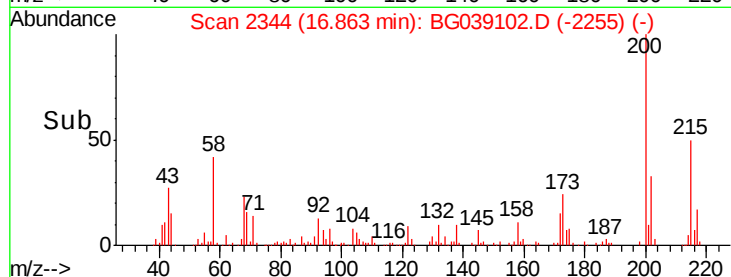
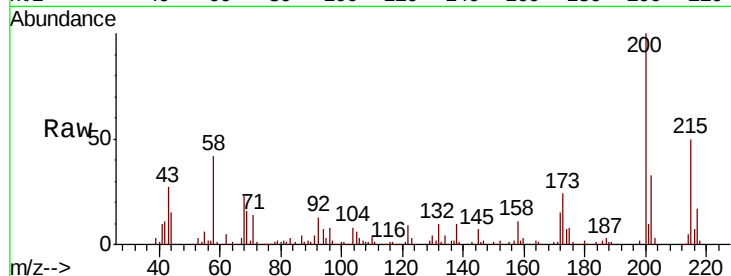
#69
Atrazine
Concen: 41.069 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	2.6	42.6
215	49.5	28.0	68.0

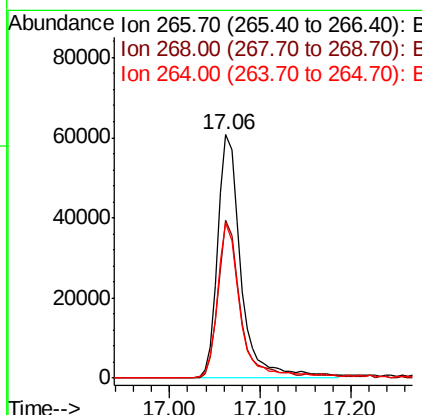
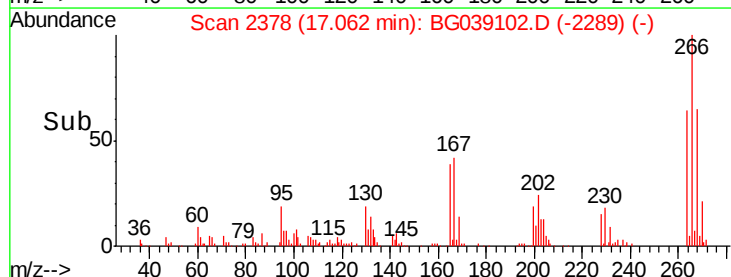
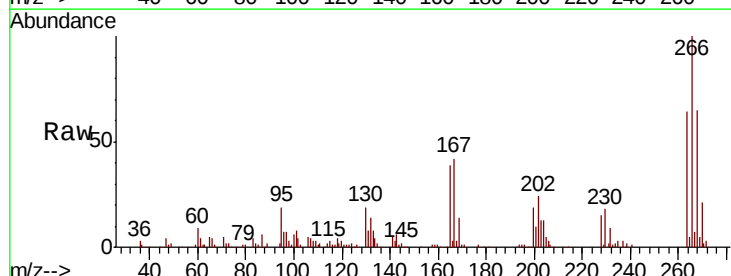
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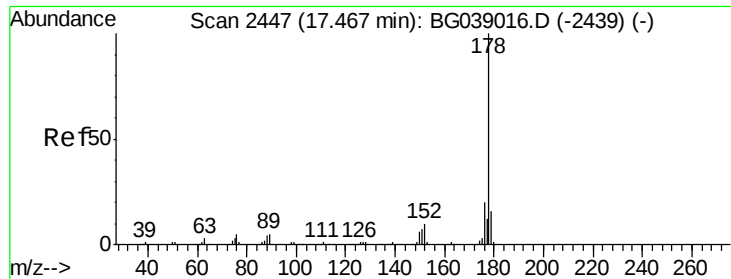
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#70
Pentachlorophenol
Concen: 52.978 ng
RT: 17.06 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.9	52.0	78.0
264	69.1	54.6	81.8





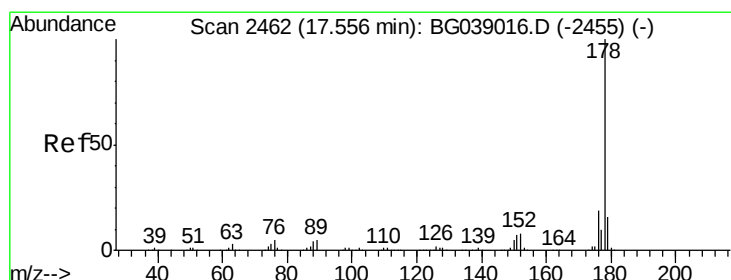
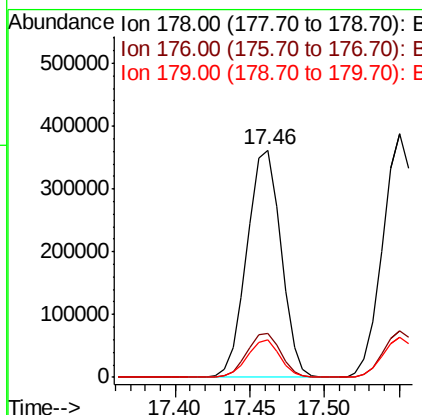
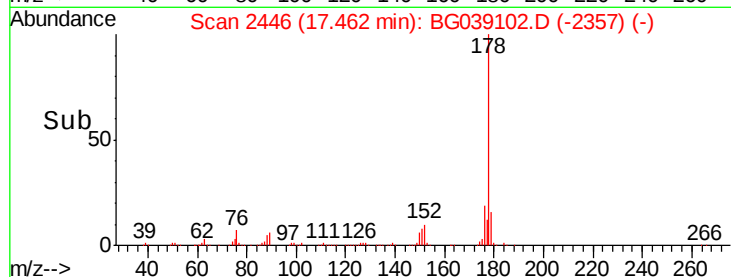
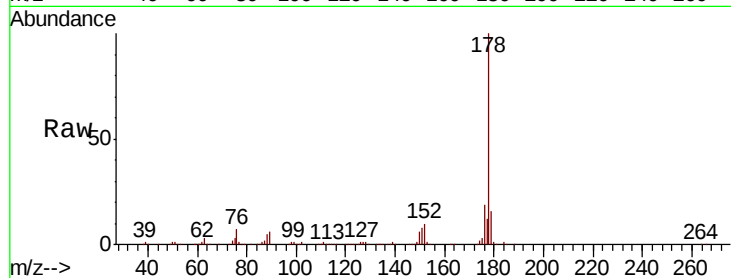
#71
Phenanthrene
Concen: 43.851 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleID :
PB116333BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.4	12.9	19.3

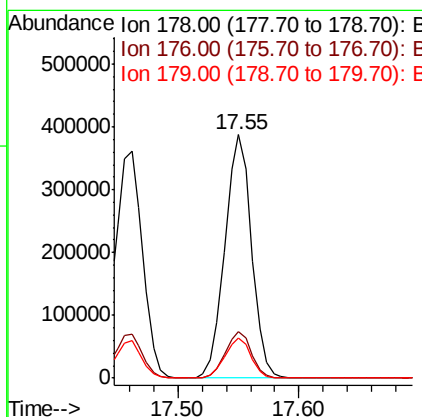
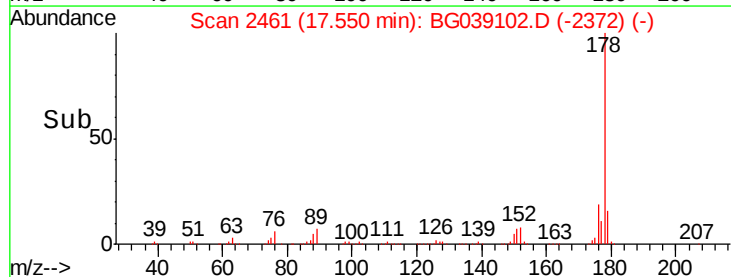
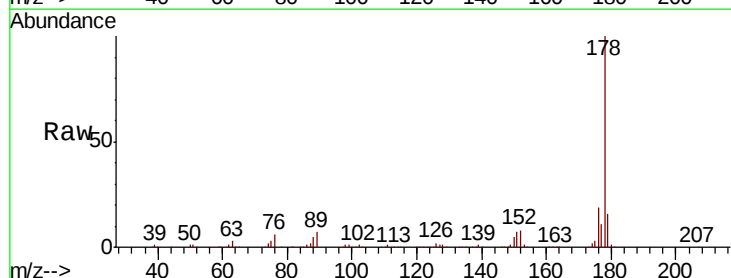
Manual Integrations
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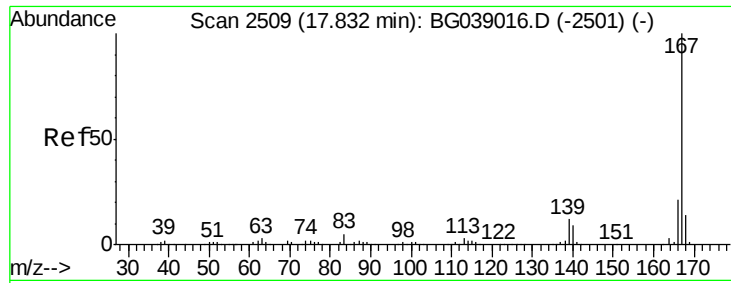
Sohil
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#72
Anthracene
Concen: 45.946 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	16.4	13.0	19.4





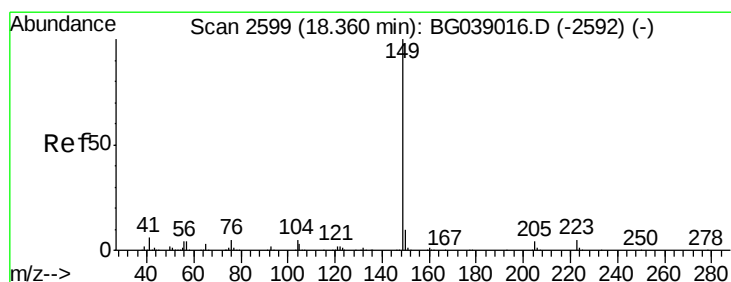
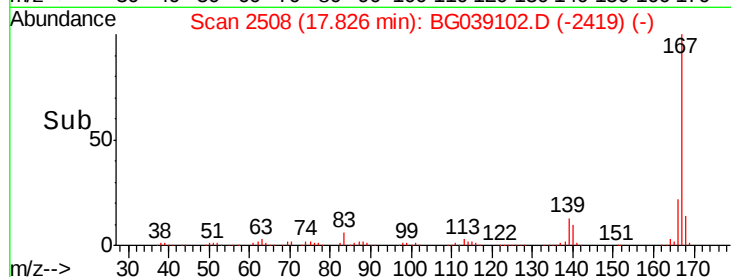
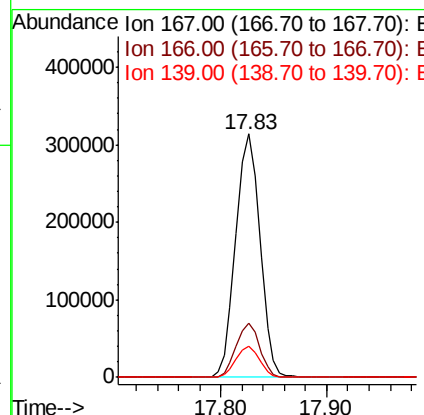
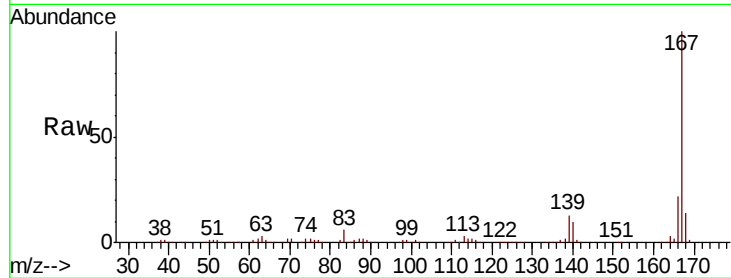
#73
 Carbazole
 Concen: 39.387 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampleId :
 PB116333BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	16.9	25.3
139	12.6	10.0	15.0

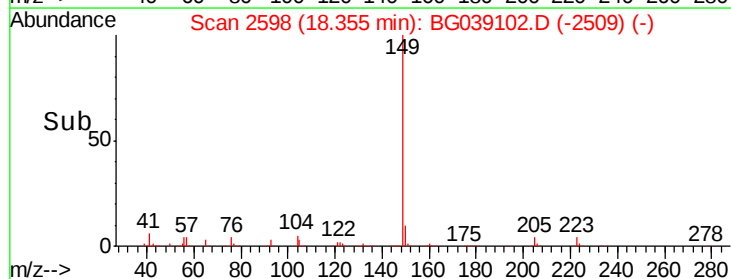
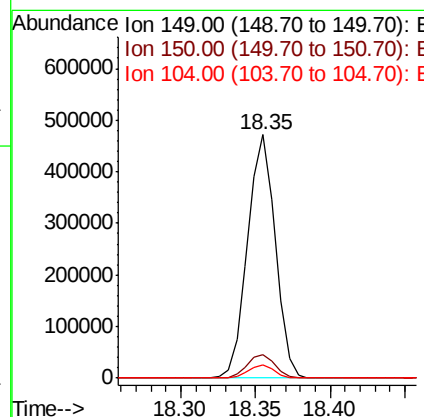
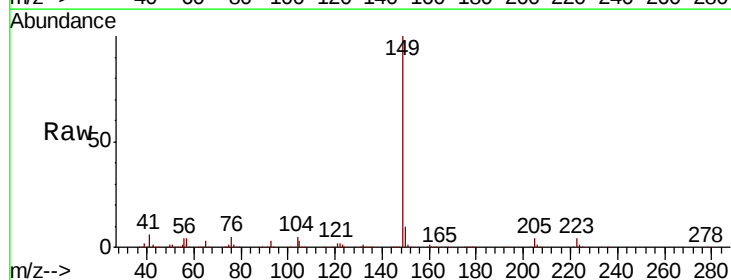
Manual Integrations
 APPROVED

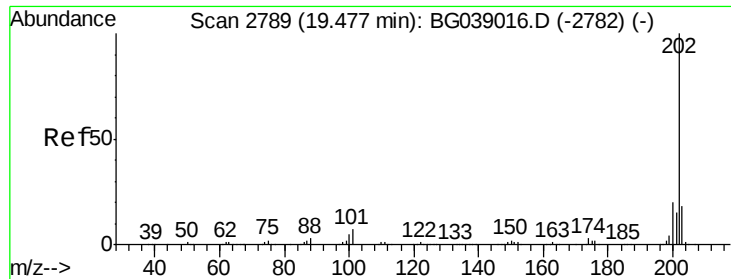
Sohil
 1/14/2019 4:31:20 PM



#74
 Di-n-butylphthalate
 Concen: 42.864 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.3	4.2	6.2





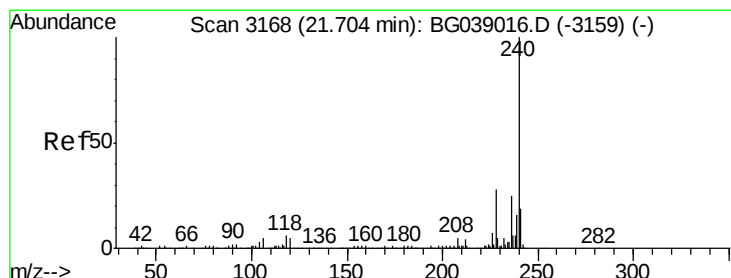
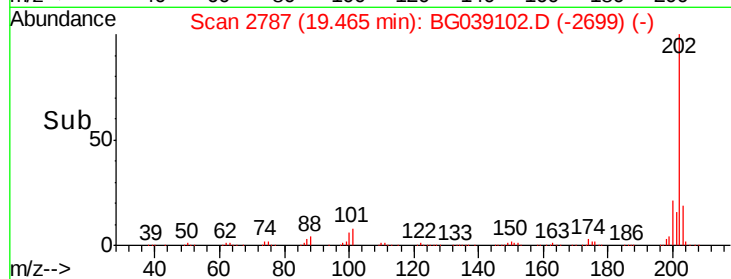
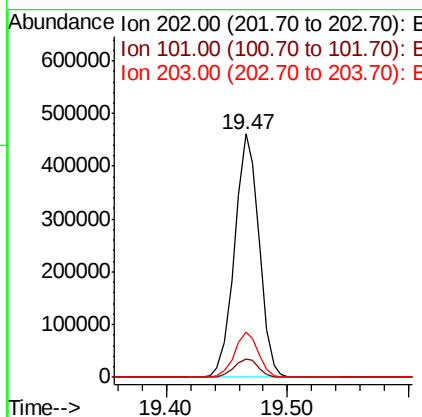
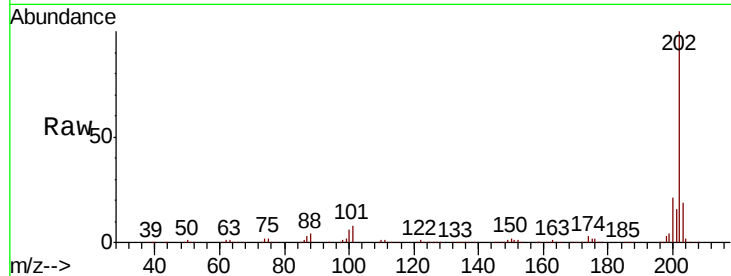
#75
 Fluoranthene
 Concen: 40.305 ng
 RT: 19.47 min Scan# 2787
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Instrument :
 BNA_G
 ClientSampleId :
 PB116333BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.7	0.0	26.9
203	18.5	0.0	38.1

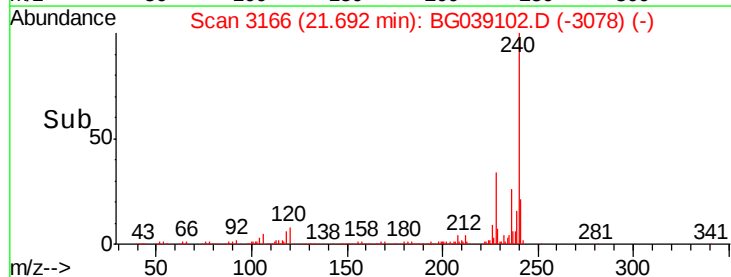
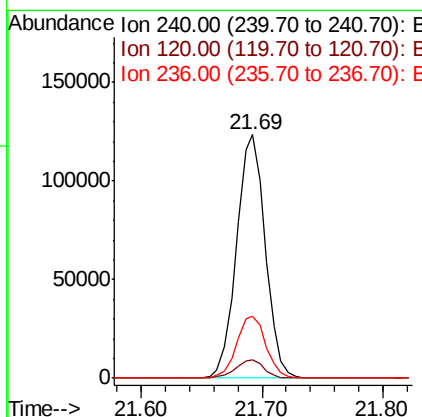
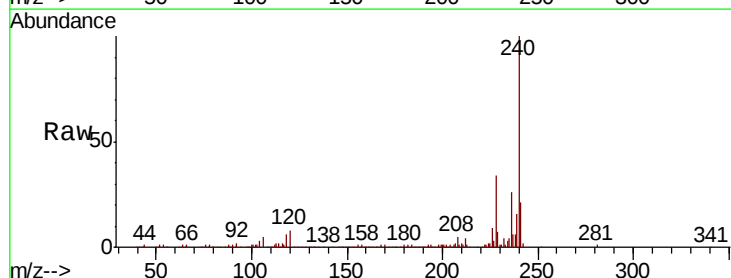
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039102.D
 Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.6	4.3	6.5#
236	25.6	20.1	30.1





#77

Benzidine

Concen: 19.046 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

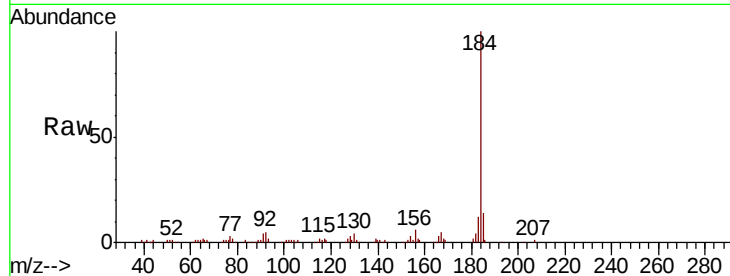
ClientSampled :

PB116333BS

Tot Ion:	184	Resp:	119078
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.1	18.1
183	12.5	9.5	14.3

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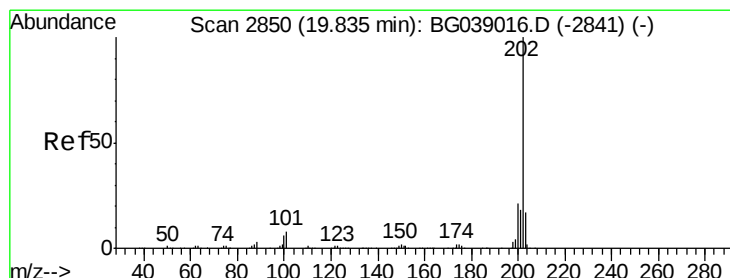
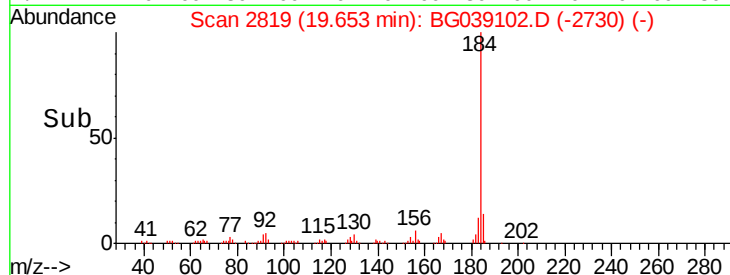
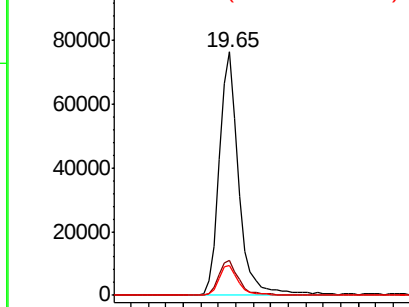


Abundance

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: 46.784 ng

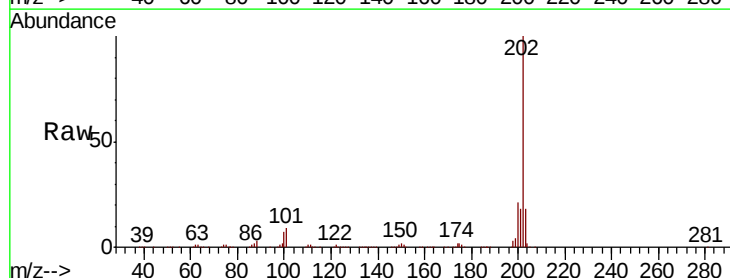
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	202	Resp:	609454
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.6
203	17.5	14.0	21.0

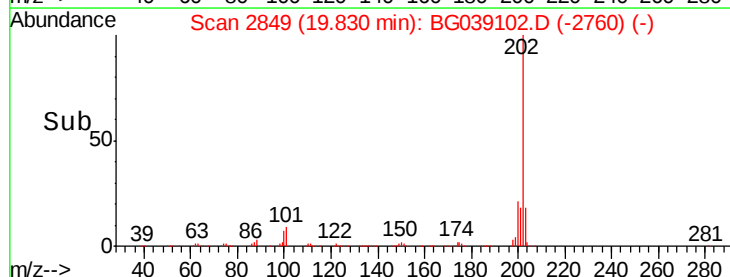
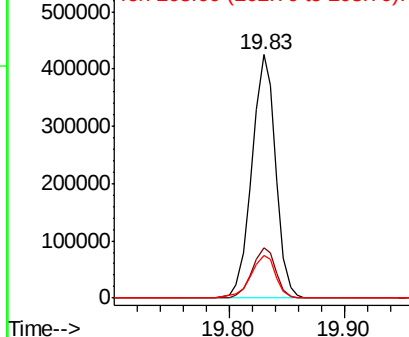


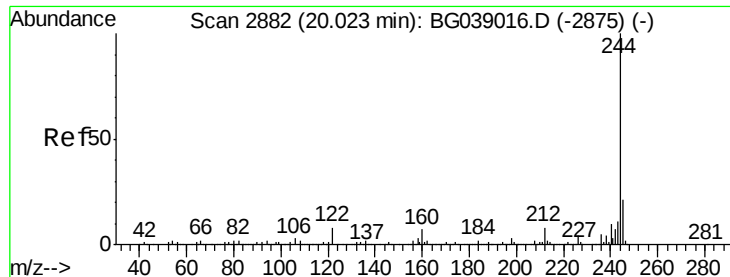
Abundance

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: 88.628 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

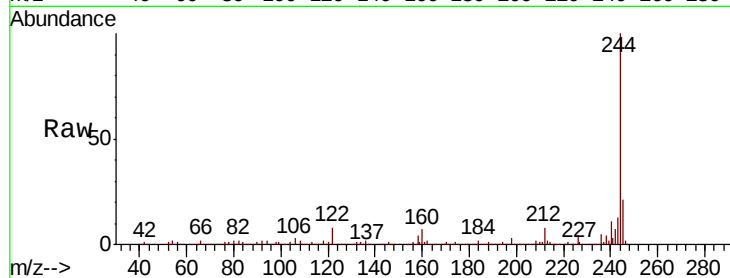
ClientSampleId :

PB116333BS

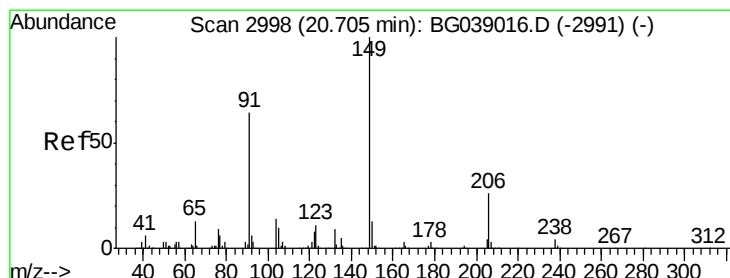
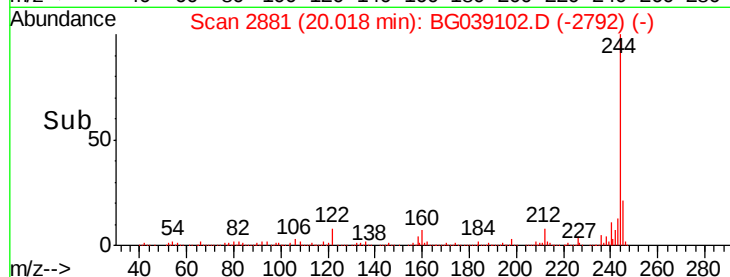
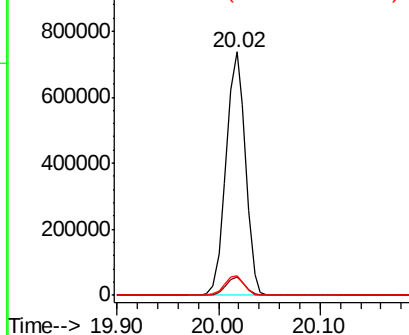
Tot Ion:	244	Resp:	979335
Ion Ratio		Lower	Upper
244	100		
212	7.6	6.1	9.1
122	8.3	6.1	9.1

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



#80

Butylbenzylphthalate

Concen: 45.599 ng

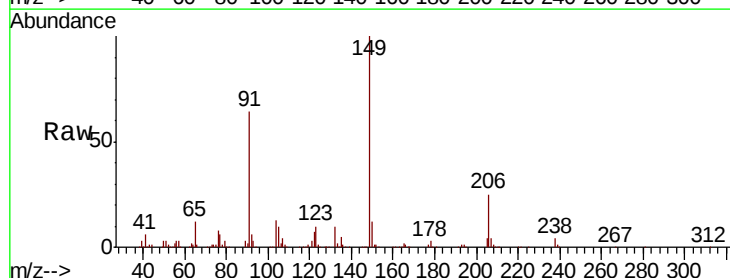
RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

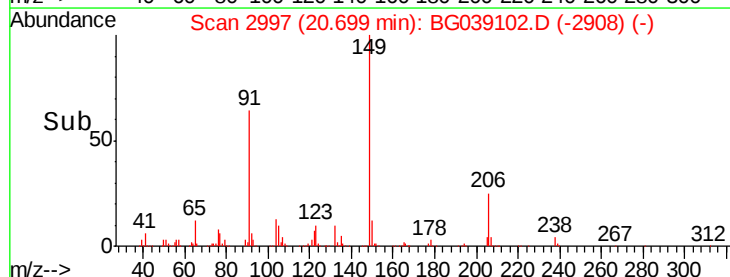
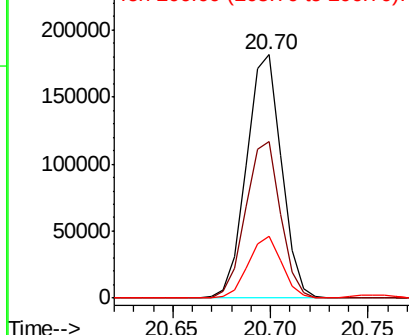
Lab File: BG039102.D

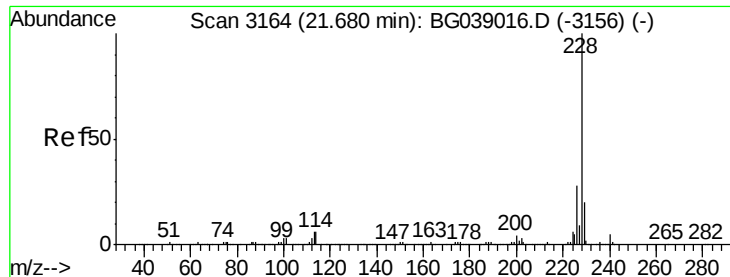
Acq: 12 Jan 2019 1:59

Tgt Ion:	149	Resp:	225926
Ion Ratio		Lower	Upper
149	100		
91	64.4	51.4	77.0
206	25.2	20.4	30.6



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





#81

Benzo(a)anthracene

Concen: 45.005 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

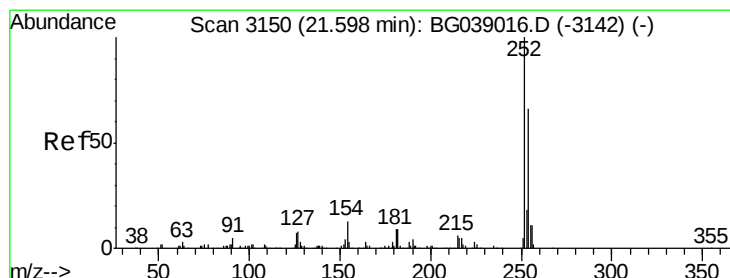
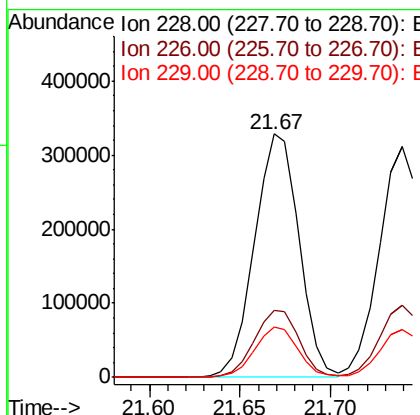
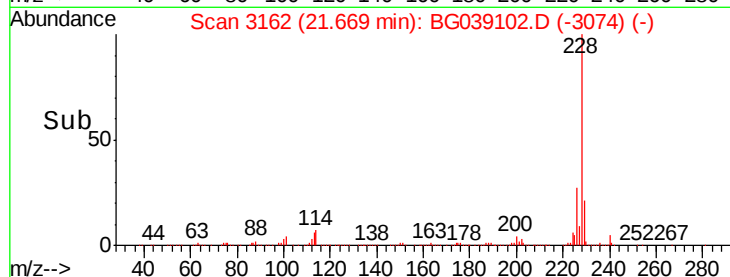
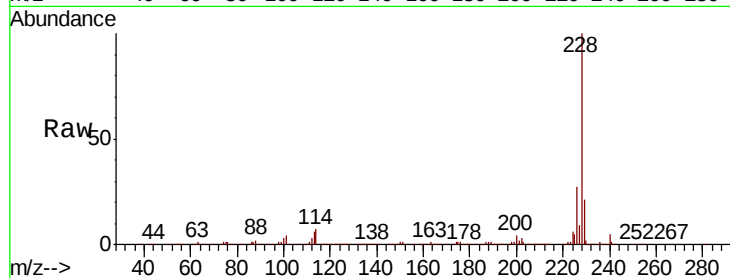
ClientSampleId :

PB116333BS

Tot Ion:	228	Resp:	560023
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.4	33.6
229	20.9	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 16.970 ng

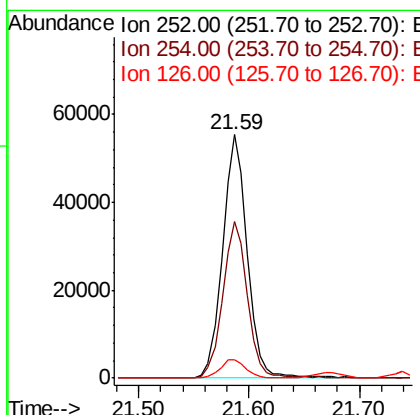
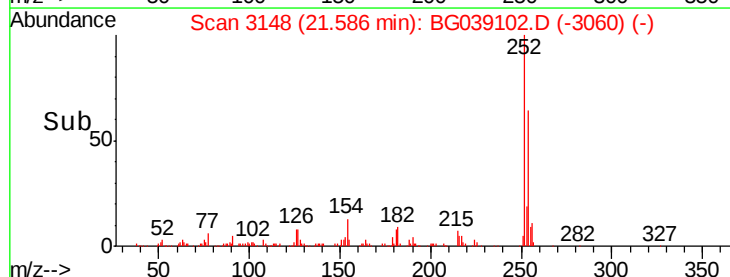
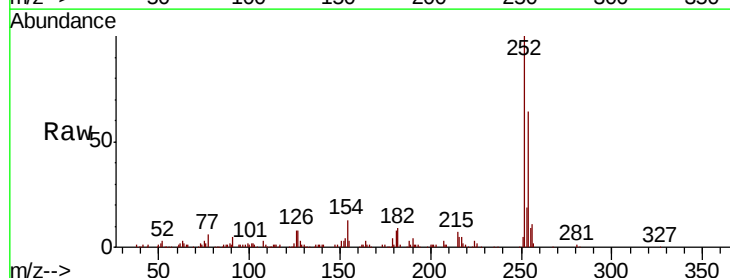
RT: 21.59 min Scan# 3148

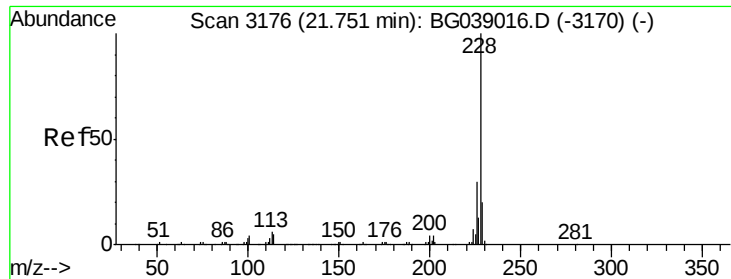
Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	252	Resp:	86037
Ion Ratio	Lower	Upper	
252	100		
254	64.4	53.0	79.6
126	7.7	6.0	9.0





#83

Chrysene

Concen: 43.782 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

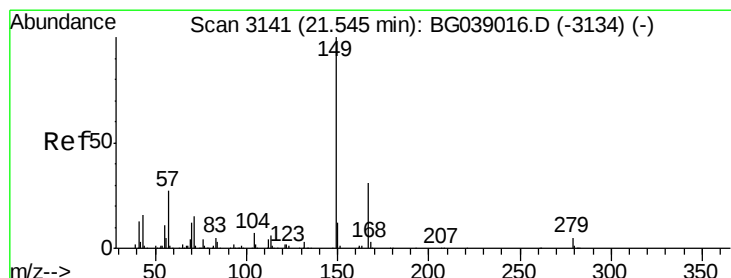
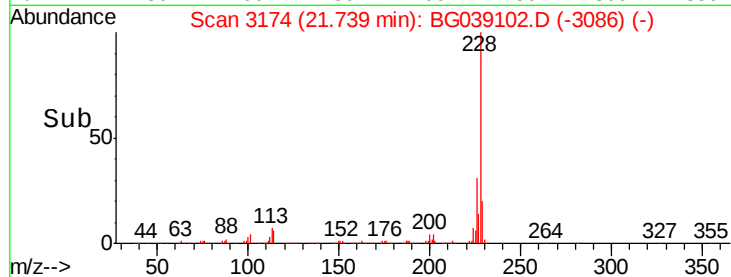
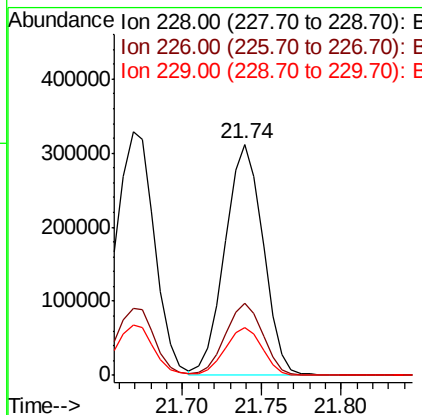
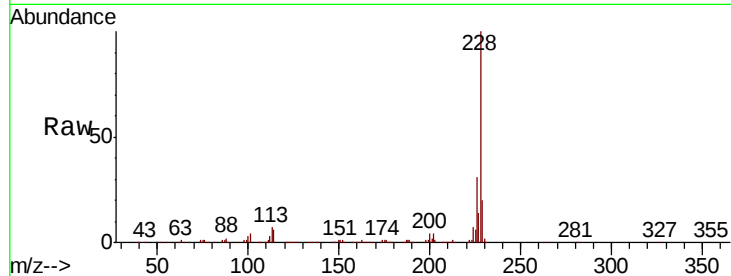
ClientSampleId :

PB116333BS

Tot Ion:	228	Resp:	518165
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.1	36.1
229	20.4	16.0	24.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.281 ng

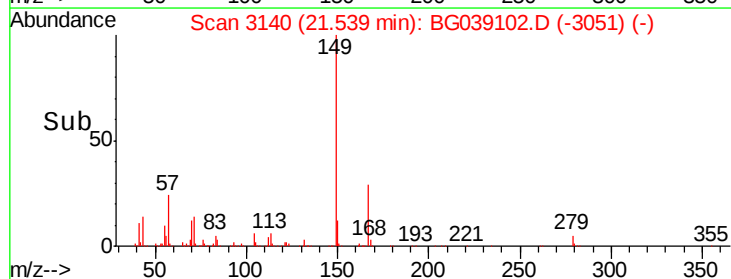
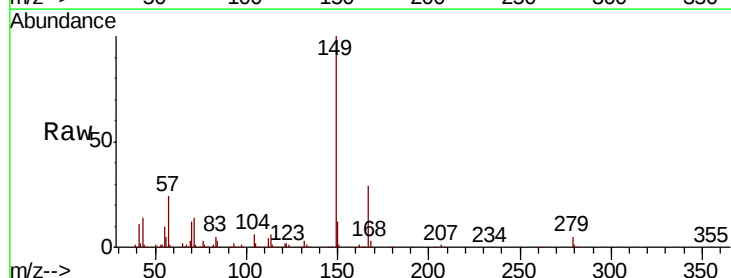
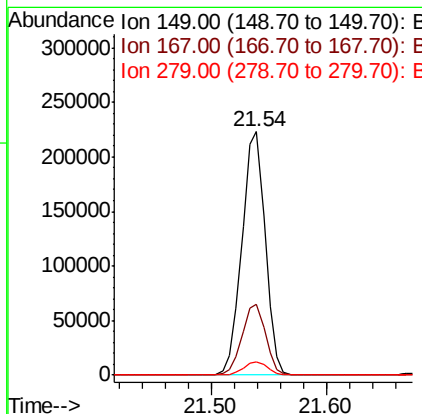
RT: 21.54 min Scan# 3140

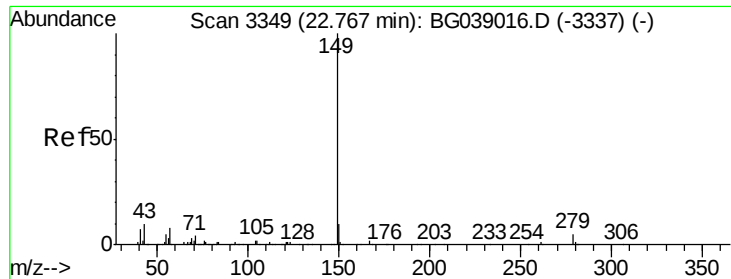
Delta R.T. -0.01 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	149	Resp:	311512
Ion Ratio	Lower	Upper	
149	100		
167	29.2	25.0	37.4
279	5.3	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 47.133 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

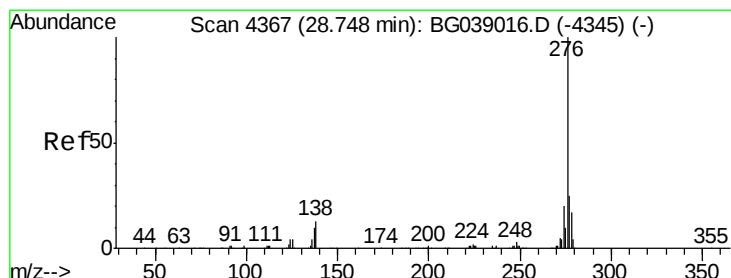
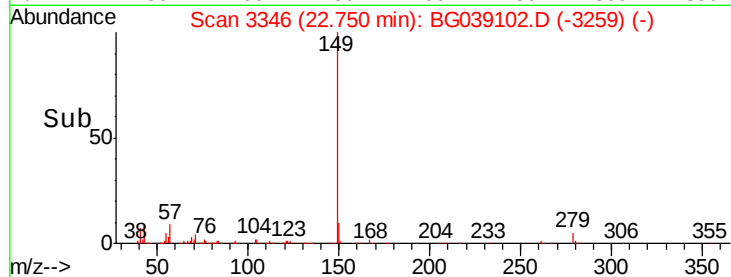
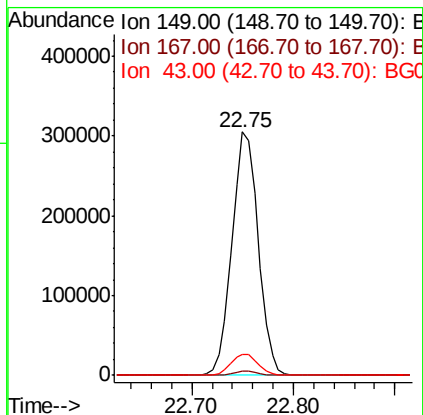
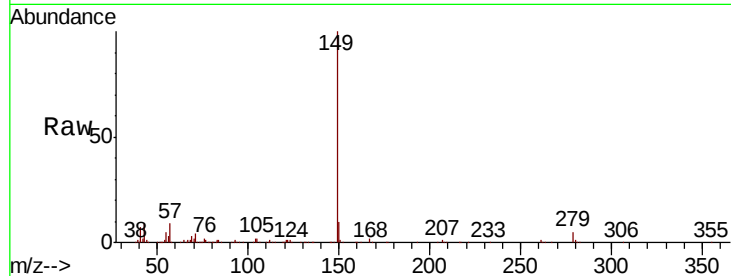
ClientSampleId :

PB116333BS

Tot Ion:	149	Resp:	548291
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.8	7.5	11.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 48.885 ng

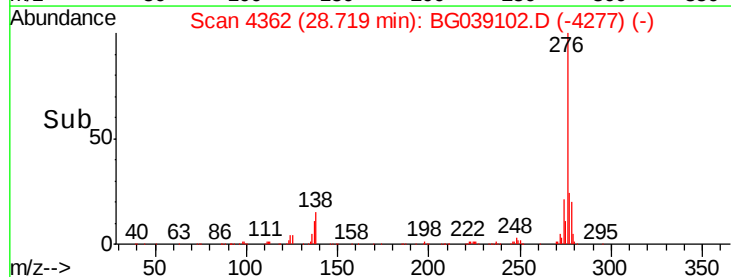
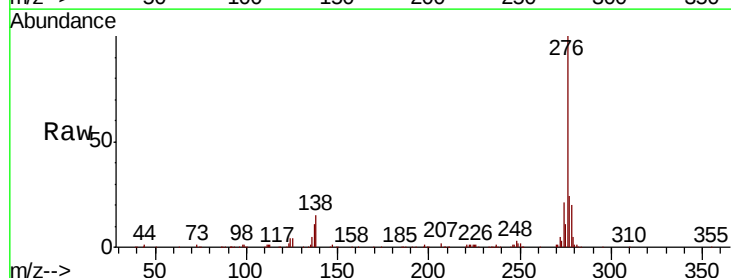
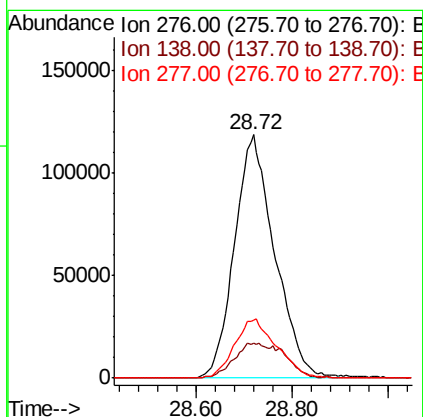
RT: 28.72 min Scan# 4362

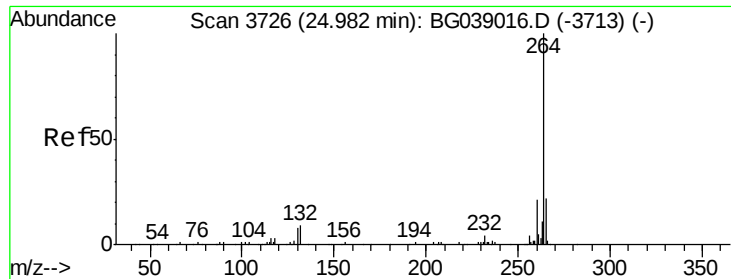
Delta R.T. -0.03 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	276	Resp:	691321
Ion Ratio	Lower	Upper	
276	100		
138	18.0	8.0	12.0#
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.02 min

Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Instrument :

BNA_G

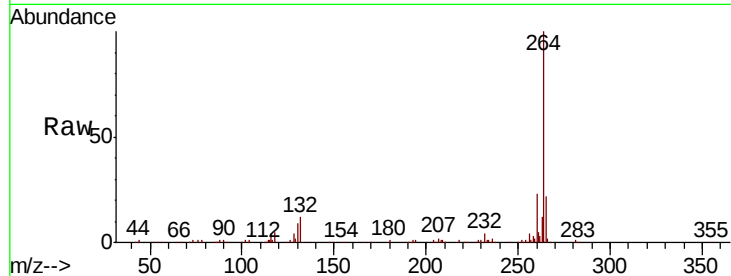
ClientSampleId :

PB116333BS

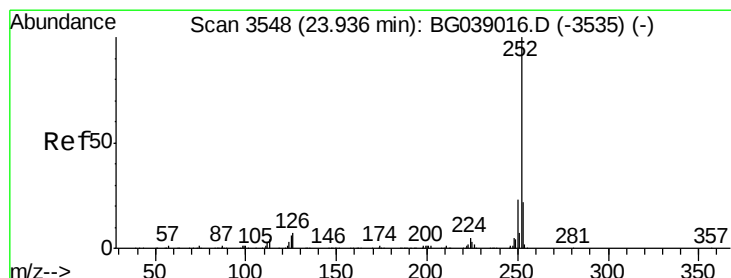
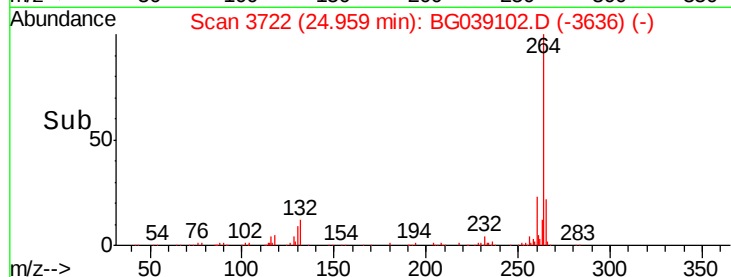
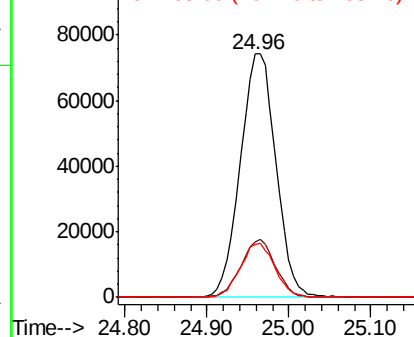
Tot Ion:	264	Resp:	224807
Ion Ratio		Lower	Upper
264	100		
260	23.0	17.0	25.6
265	21.6	17.2	25.8

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



#88

Benzo(b)fluoranthene

Concen: 45.233 ng

RT: 23.92 min Scan# 3545

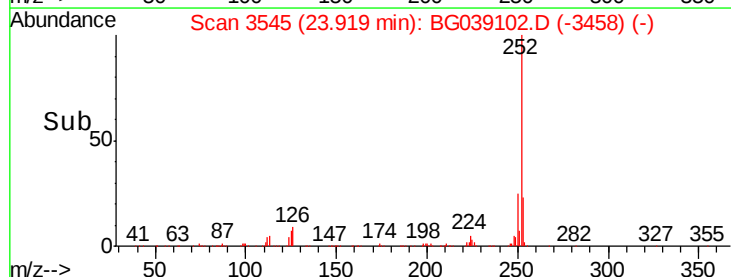
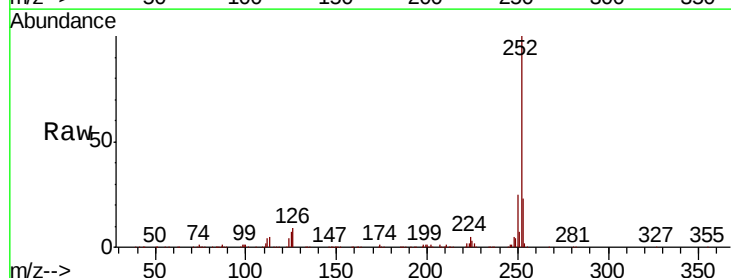
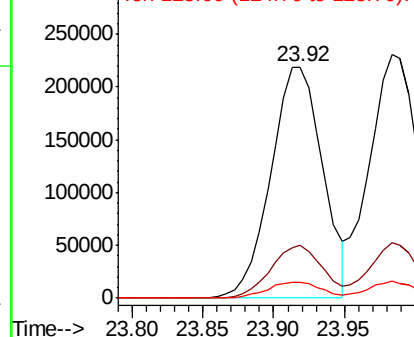
Delta R.T. -0.02 min

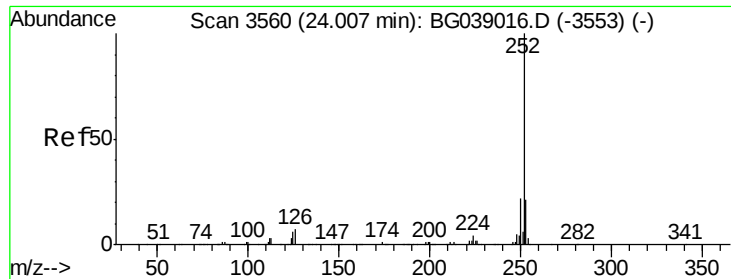
Lab File: BG039102.D

Acq: 12 Jan 2019 1:59

Tgt Ion:	252	Resp:	560704
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.8	26.6
125	6.7	4.9	7.3

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





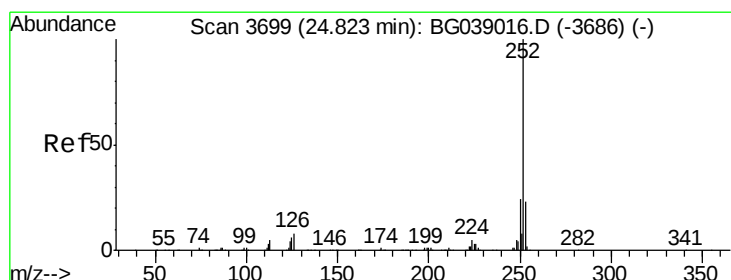
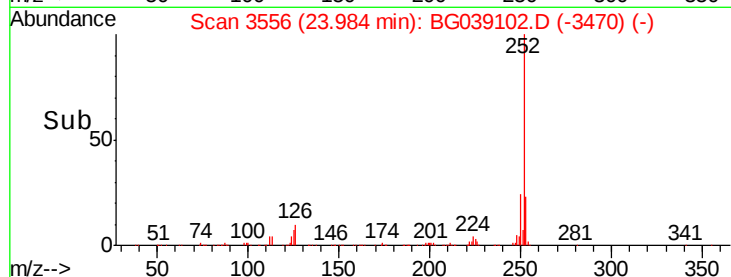
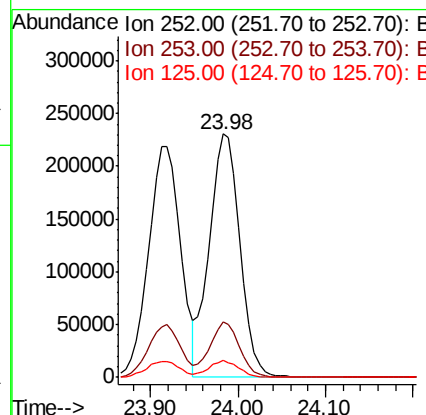
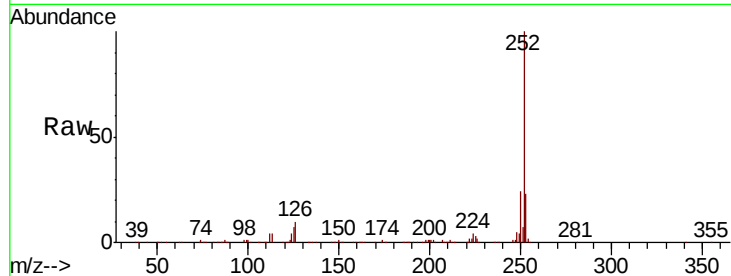
#89
Benzo(k)fluoranthene
Concen: 45.686 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.02 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	6.9	4.6	7.0

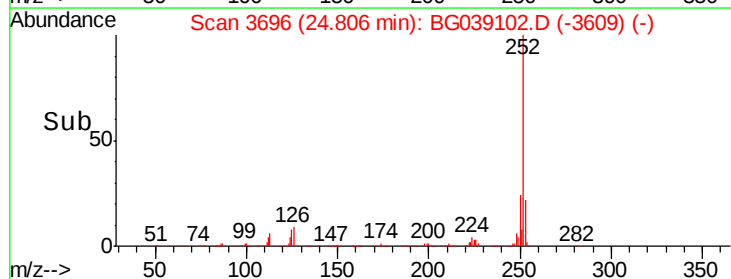
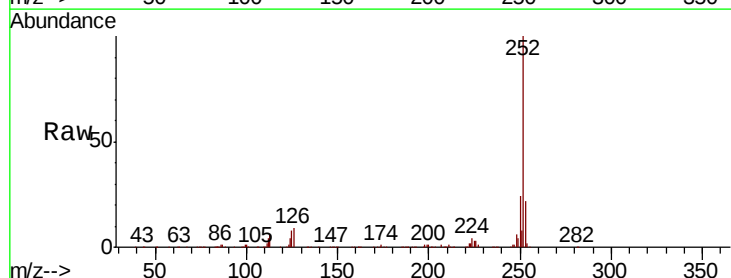
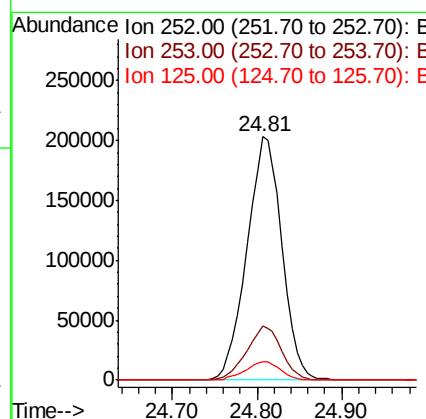
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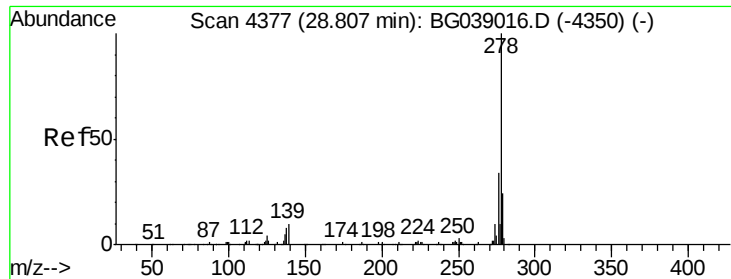
Sohil
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#90
Benzo(a)pyrene
Concen: 48.726 ng
RT: 24.81 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	7.7	4.9	7.3#





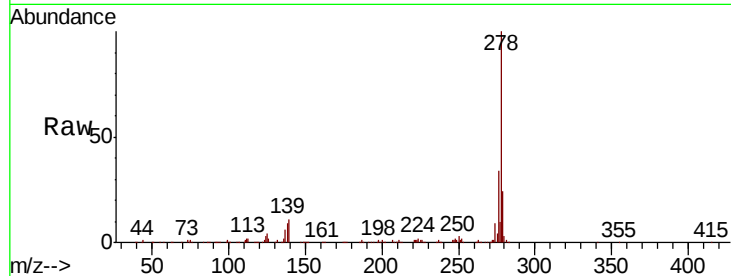
#91
Dibenzo(a,h)anthracene
Concen: 47.716 ng
RT: 28.78 min Scan# 4373
Delta R.T. -0.02 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Instrument :
BNA_G
ClientSampleId :
PB116333BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.5	7.9	11.9
279	23.6	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/14/2019 4:31:20 PM

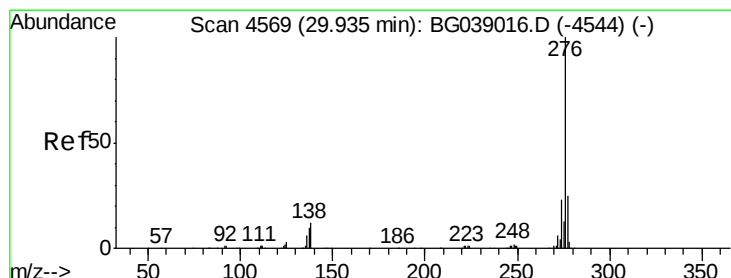
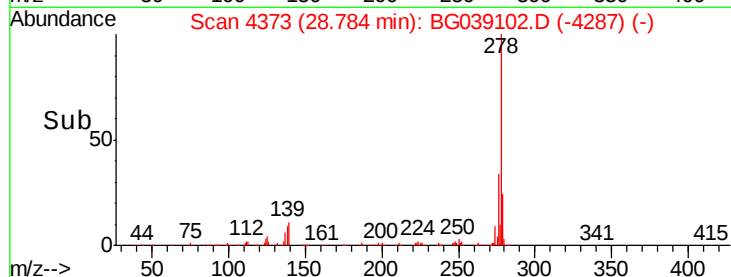
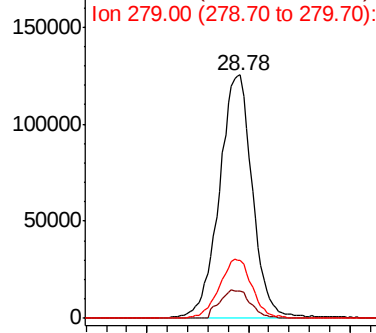


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.203 ng
RT: 29.90 min Scan# 4563
Delta R.T. -0.03 min
Lab File: BG039102.D
Acq: 12 Jan 2019 1:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.3	30.5
138	13.9	9.4	14.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

