

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039002.D
 Acq On : 8 Jan 2019 20:31
 Operator : JU/SJ
 Sample : K1074-13MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W12-7MS

Manual Integrations
 APPROVED

Sohil
 1/9/2019 11:28:14 AM

Quant Time: Jan 09 03:20:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24337	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	102262	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	75700	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	187497	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	192001	20.00	ng	-0.02
87) Perylene-d12	25.01	264	208849	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	130807	95.33	ng	0.00
7) Phenol-d6	7.21	99	191740	101.79	ng	0.00
23) Nitrobenzene-d5	9.22	82	106019	52.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	114006	109.28	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	318950	57.80	ng	-0.02
79) Terphenyl-d14	20.04	244	591509	67.05	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	12182	19.076 ng	98
3) Pyridine	3.88	79	26416	15.024 ng	94
4) n-Nitrosodimethylamine	3.81	42	20063	23.288 ng	99
6) Aniline	7.37	93	46900	19.504 ng	100
8) 2-Chlorophenol	7.61	128	48116	30.302 ng	91
9) Benzaldehyde	7.19	77	17040	13.945 ng	92
10) Phenol	7.23	94	72239	36.097 ng	96
11) bis(2-Chloroethyl)ether	7.46	93	41019	25.745 ng	91
12) 1,3-Dichlorobenzene	7.93	146	48355	25.755 ng	97
13) 1,4-Dichlorobenzene	8.08	146	49757	25.877 ng	94
14) 1,2-Dichlorobenzene	8.40	146	48741	26.888 ng	95
15) Benzyl Alcohol	8.29	79	43979	29.912 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	78567	21.526 ng	96
17) 2-Methylphenol	8.48	107	43950	32.779 ng	95
18) Hexachloroethane	9.12	117	17103	24.341 ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	35240	26.637 ng	91
20) 3+4-Methylphenols	8.82	107	60751	32.808 ng	97
22) Acetophenone	8.88	105	72052	28.208 ng	# 91
24) Nitrobenzene	9.27	77	51568	25.466 ng	95
25) Isophorone	9.78	82	104252	28.987 ng	96
26) 2-Nitrophenol	9.98	139	28173	27.183 ng	91
27) 2,4-Dimethylphenol	10.02	122	51748	34.838 ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	60009	29.567 ng	97
29) 2,4-Dichlorophenol	10.51	162	58926	35.660 ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	58610	29.363 ng	97
31) Naphthalene	10.91	128	153777	30.520 ng	100
32) Benzoic acid	10.15	122	8211m	17.024 ng	
33) 4-Chloroaniline	11.03	127	42123	19.256 ng	94
34) Hexachlorobutadiene	11.17	225	38798	28.726 ng	# 91
35) Caprolactam	11.81	113	17619	25.764 ng	# 87
36) 4-Chloro-3-methylphenol	12.14	107	61184	32.446 ng	92
37) 2-Methylnaphthalene	12.51	142	120921	33.640 ng	98
38) 1-Methylnaphthalene	12.73	142	117057	33.559 ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	78076	27.592 ng	99

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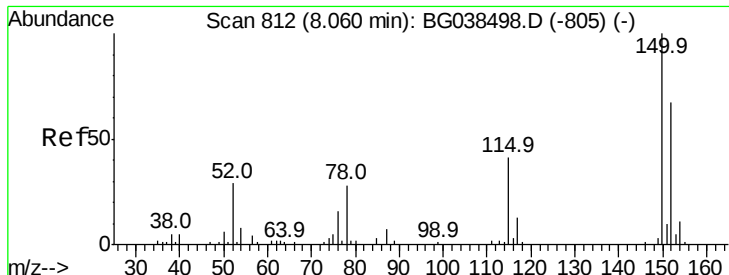
Manual Integrations
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 1/9/2019 11:28:14 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	85756	55.163	nq	97
43) 2,4,6-Trichlorophenol	13.12	196	54307	31.214	nq	93
44) 2,4,5-Trichlorophenol	13.20	196	56004	30.402	nq	93
46) 1,1'-Biphenyl	13.51	154	165409	26.065	nq	99
47) 2-Chloronaphthalene	13.57	162	133254	27.183	nq	98
48) 2-Nitroaniline	13.78	65	40190	25.739	nq	84
49) Acenaphthylene	14.41	152	219941	30.012	nq	99
50) Dimethylphthalate	14.14	163	231671	37.476	nq	99
51) 2,6-Dinitrotoluene	14.27	165	40097	28.622	nq	89
52) Acenaphthene	14.75	154	127480	29.091	nq	98
53) 3-Nitroaniline	14.61	138	27687	19.388	nq	93
54) 2,4-Dinitrophenol	14.81	184	27368	35.888	nq	97
55) Dibenzofuran	15.08	168	216602	28.836	nq	96
56) 4-Nitrophenol	14.91	139	58908	54.374	nq	97
57) 2,4-Dinitrotoluene	15.05	165	57926	29.357	nq	91
58) Fluorene	15.73	166	174783	31.407	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	54524	32.899	nq	95
60) Diethylphthalate	15.49	149	183330	27.014	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	98622	28.402	nq	97
62) 4-Nitroaniline	15.77	138	40652	27.650	nq	97
63) Azobenzene	16.01	77	139054	24.528	nq	92
65) 4,6-Dinitro-2-methylphenol	15.82	198	33707	25.201	nq	85
66) n-Nitrosodiphenylamine	15.93	169	160575	29.147	nq	95
67) 4-Bromophenyl-phenylether	16.61	248	64996	28.384	nq	97
68) Hexachlorobenzene	16.73	284	69758	29.388	nq	96
69) Atrazine	16.88	200	66838	32.692	nq	97
70) Pentachlorophenol	17.08	266	74987	53.409	nq	97
71) Phenanthrene	17.48	178	295203	30.362	nq	99
72) Anthracene	17.57	178	299322	31.184	nq	99
73) Carbazole	17.84	167	269474	28.387	nq	99
74) Di-n-butylphthalate	18.37	149	304325	27.939	nq	# 97
75) Fluoranthene	19.48	202	366329	30.451	nq	98
77) Benzidine	19.67	184	142992	25.182	nq	98
78) Pyrene	19.85	202	367536	28.976	nq	99
80) Butylbenzylphthalate	20.71	149	135061	27.255	nq	97
81) Benzo(a)anthracene	21.69	228	354020	30.259	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	89210	19.226	nq	98
83) Chrysene	21.76	228	324939	28.835	nq	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	192669	27.413	nq	98
85) Di-n-octyl phthalate	22.78	149	332060	28.211	nq	95
86) Indeno(1,2,3-cd)pyrene	28.77	276	392748	29.645	nq	# 81
88) Benzo(b)fluoranthene	23.95	252	345652	30.144	nq	97
89) Benzo(k)fluoranthene	24.02	252	337632	29.569	nq	96
90) Benzo(a)pyrene	24.85	252	336865	30.452	nq	99
91) Dibenzo(a,h)anthracene	28.84	278	327508	29.734	nq	98
92) Benzo(g,h,i)perylene	29.98	276	322347	29.696	nq	96

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



#1

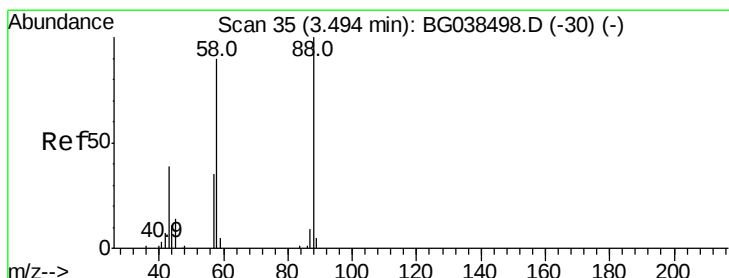
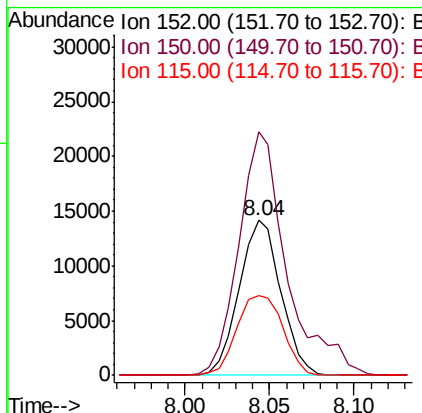
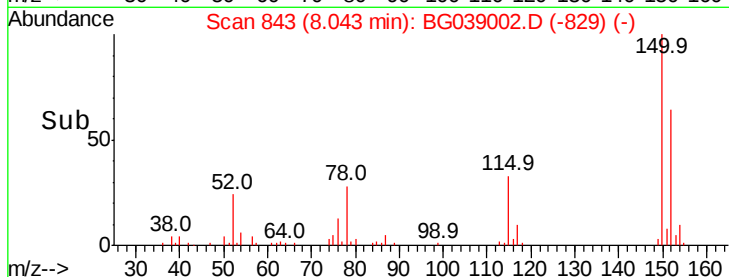
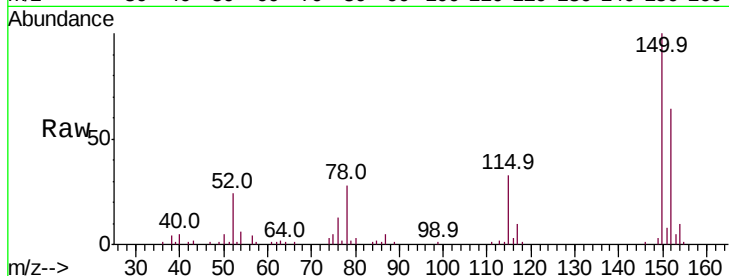
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	119.5	179.3
115	51.7	49.6	74.4

Manual Integrations
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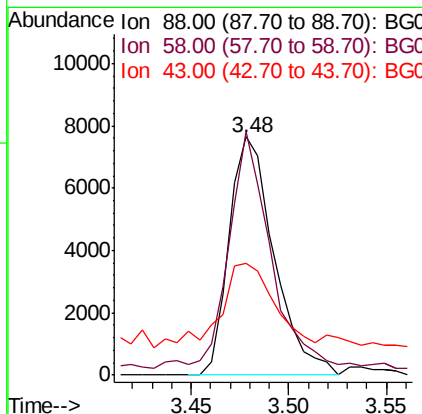
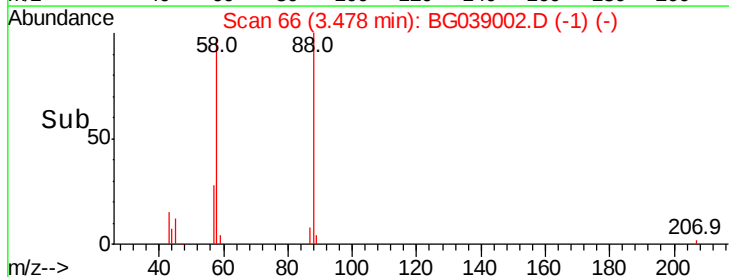
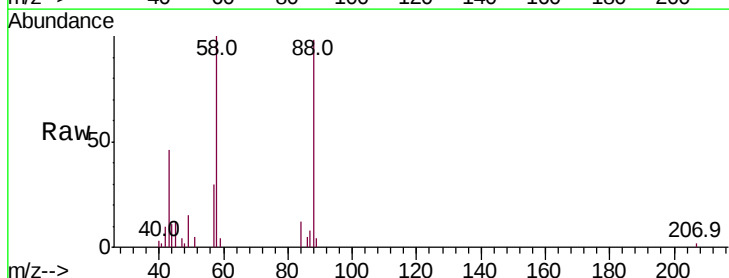
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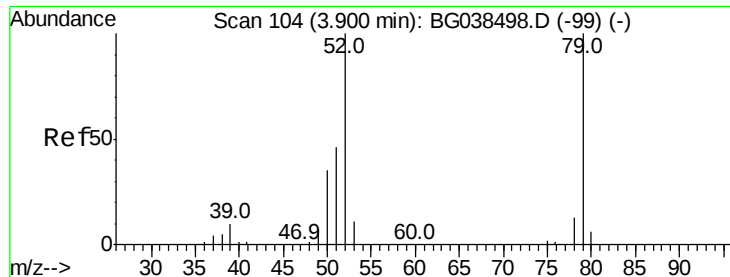


#2

1,4-Dioxane
Concen: 19.076 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.6	75.7	113.5
43	37.5	31.6	47.4





#3

Pvridine

Concen: 15.024 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

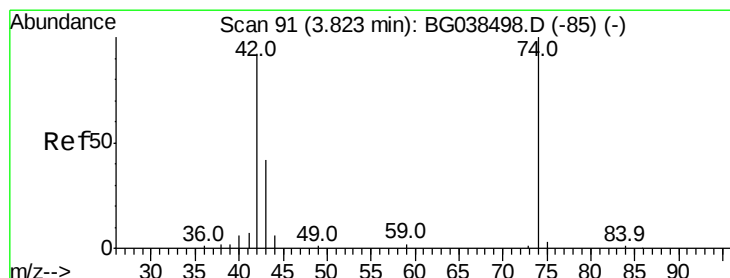
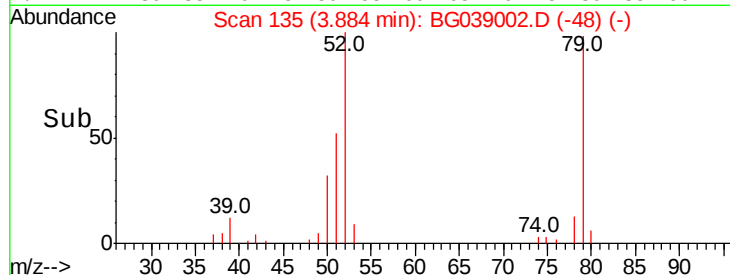
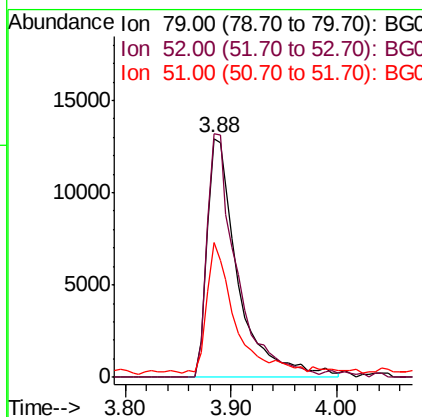
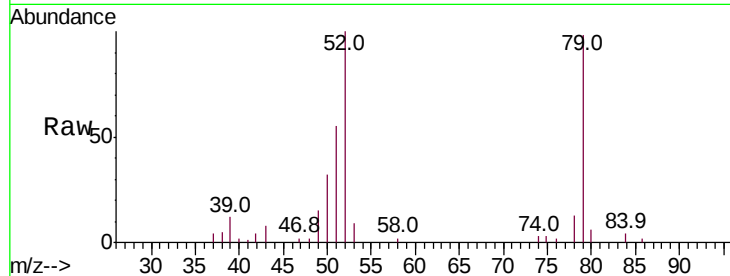
ClientSampleId :

W12-7MS

Tot Ion:	79	Resp:	26416
Ion	Ratio	Lower	Upper
79	100		
52	102.0	80.2	120.2
51	56.5	38.0	57.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 23.288 ng

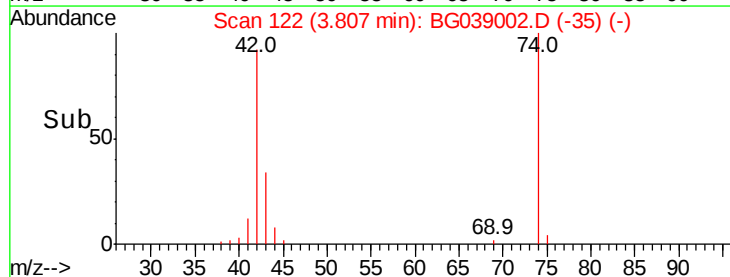
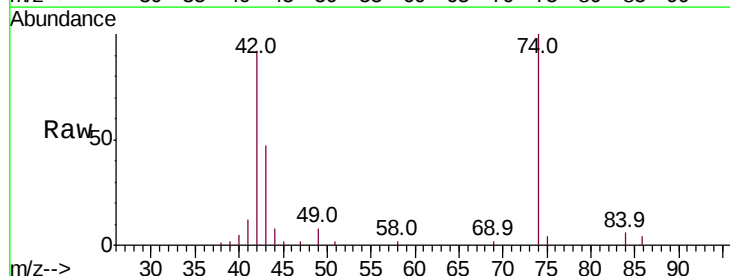
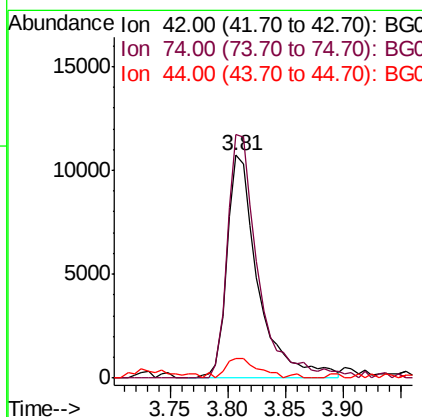
RT: 3.81 min Scan# 122

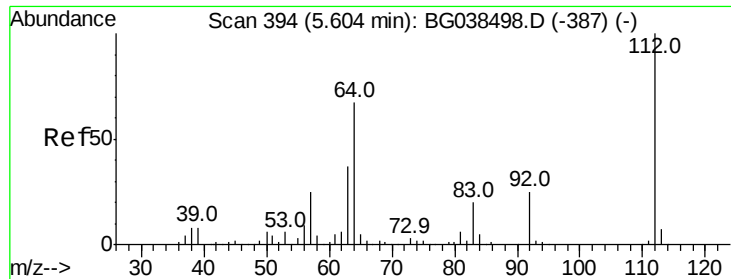
Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:	42	Resp:	20063
Ion	Ratio	Lower	Upper
42	100		
74	109.2	86.7	130.1
44	8.6	7.8	11.8





#5

2-Fluorophenol

Concen: 95.331 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

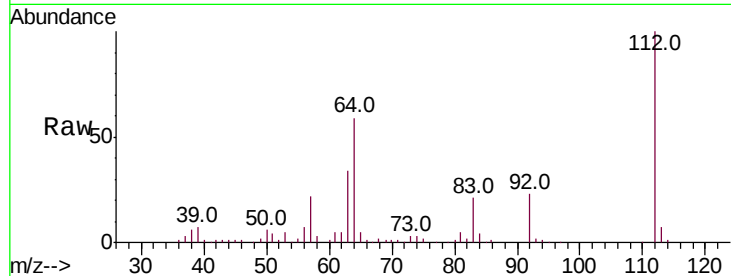
ClientSampled :

W12-7MS

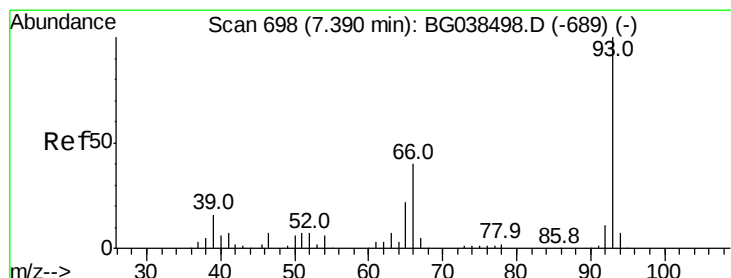
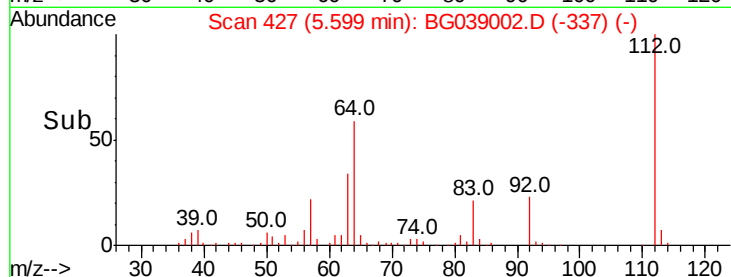
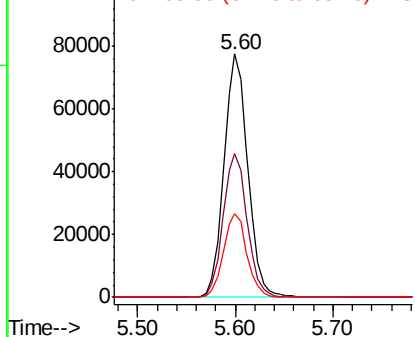
Tot Ion:	112	Resp:	130807
Ion Ratio	Lower	Upper	
112	100		
64	59.2	53.4	80.2
63	34.3	29.3	43.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.504 ng

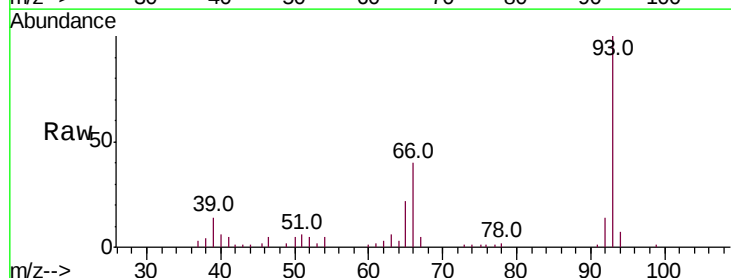
RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

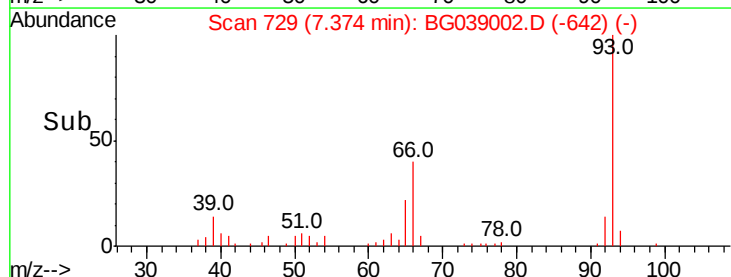
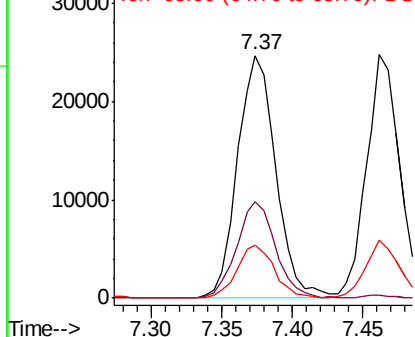
Lab File: BG039002.D

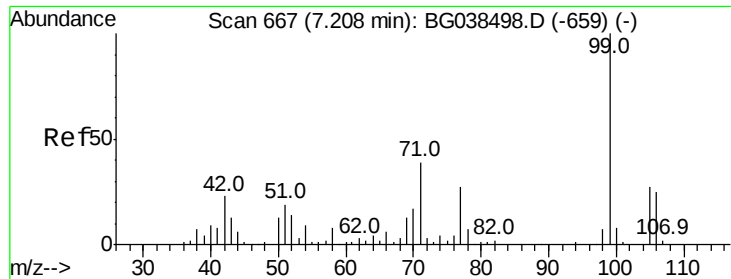
Acq: 8 Jan 2019 20:31

Tgt Ion:	93	Resp:	46900
Ion Ratio	Lower	Upper	
93	100		
66	39.6	31.7	47.5
65	21.6	17.8	26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.790 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

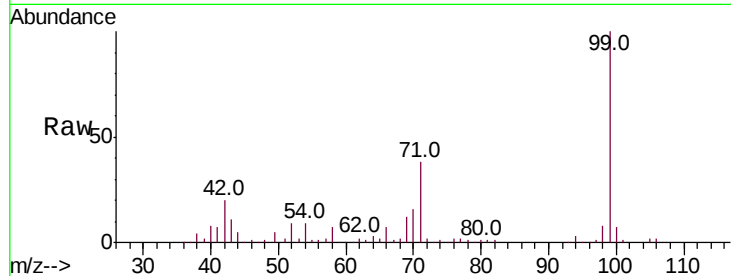
ClientSampled :

W12-7MS

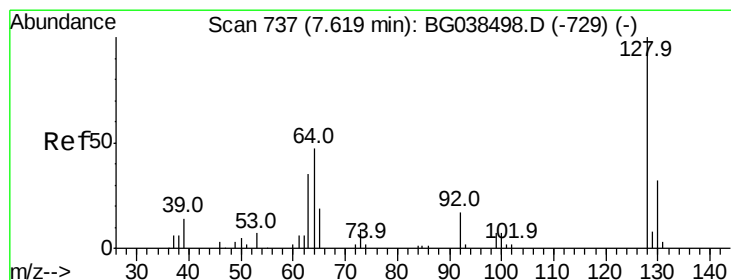
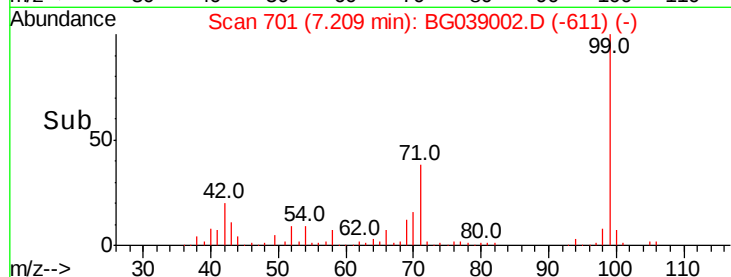
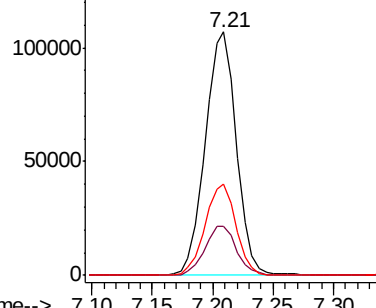
Tot Ion:	99	Resp:	191740
Ion Ratio	Lower	Upper	
99	100		
42	20.1	18.5	27.7
71	37.7	31.1	46.7

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



#8

2-Chlorophenol

Concen: 30.302 ng

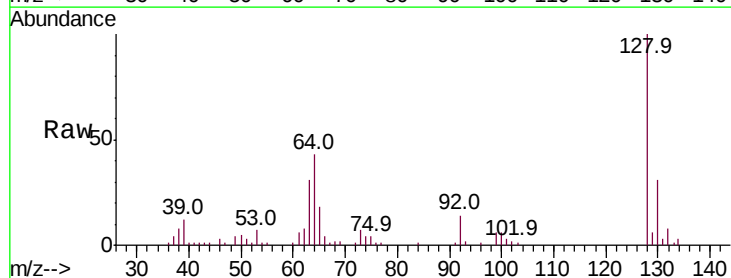
RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

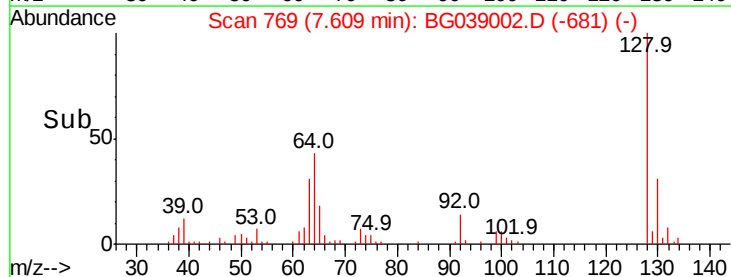
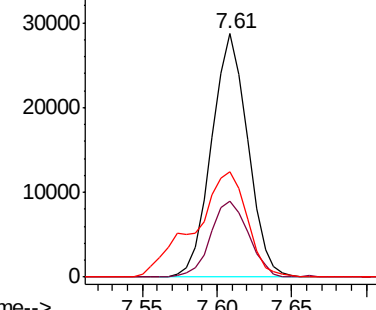
Lab File: BG039002.D

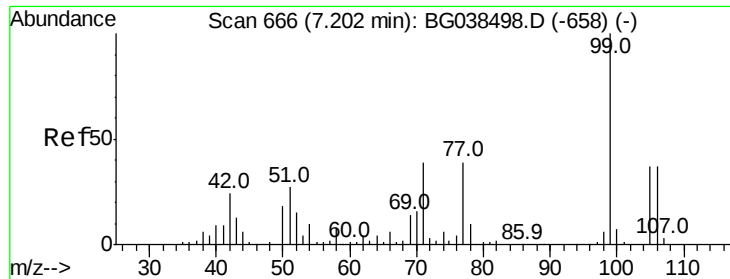
Acq: 8 Jan 2019 20:31

Tgt Ion:	128	Resp:	48116
Ion Ratio	Lower	Upper	
128	100		
130	30.9	11.8	51.8
64	43.4	33.2	73.2



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





#9

Benzaldehyde

Concen: 13.945 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

W12-7MS

Tot Ion: 77 Resp: 17040

Ion Ratio Lower Upper

77 100

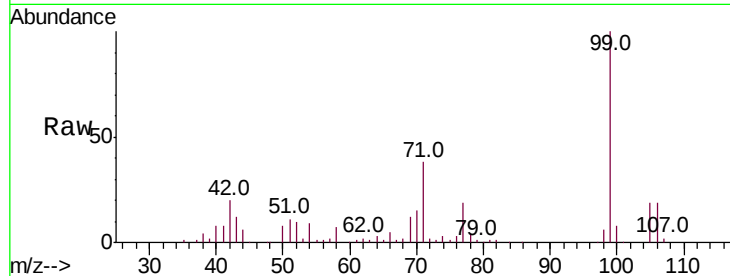
105 103.4 74.0 114.0

106 100.1 73.9 113.9

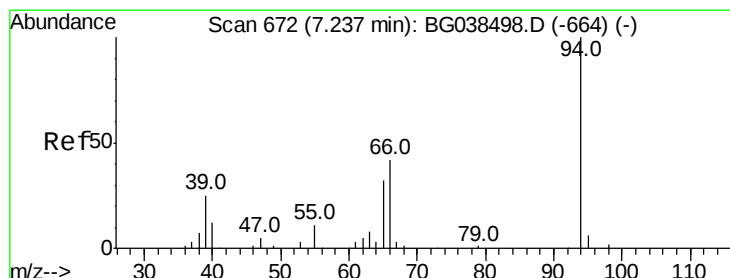
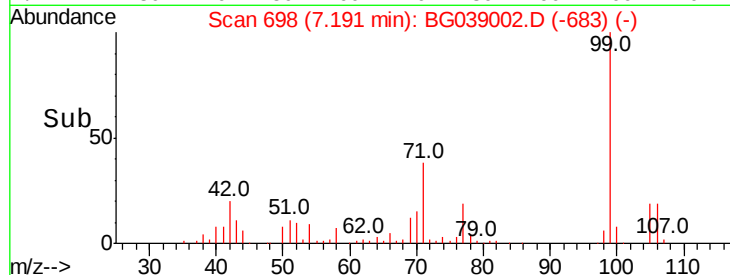
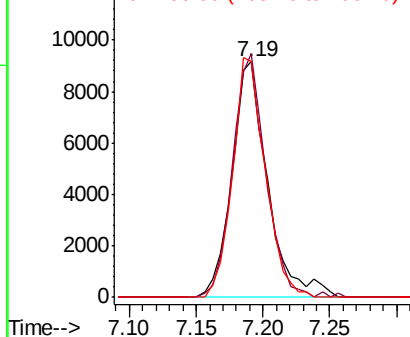
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.097 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

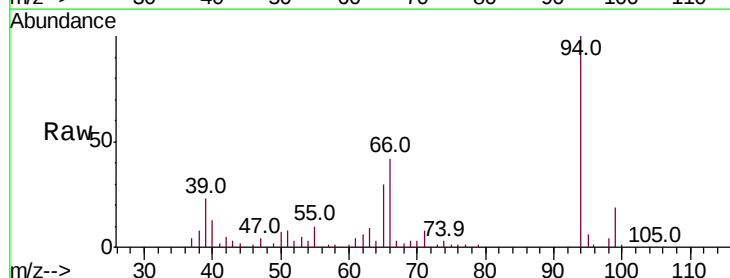
Tgt Ion: 94 Resp: 72239

Ion Ratio Lower Upper

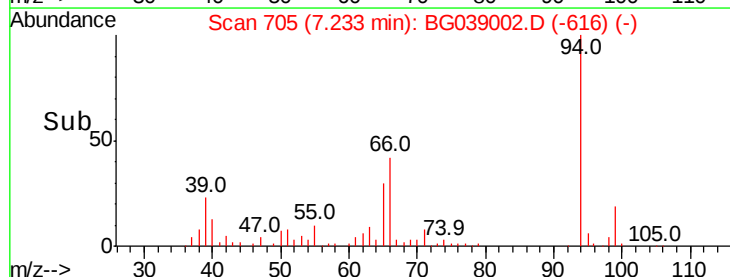
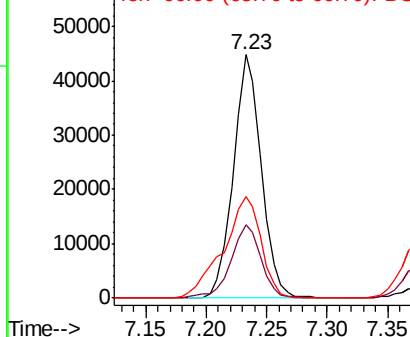
94 100

65 30.1 12.6 52.6

66 41.5 24.1 64.1



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





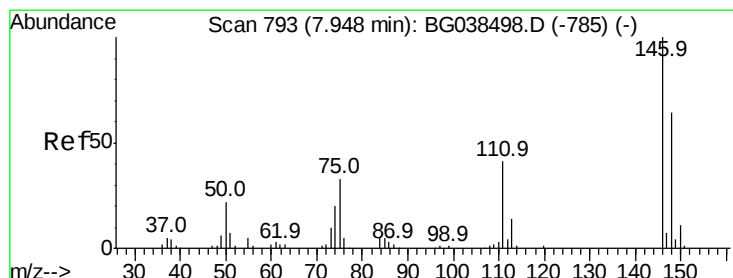
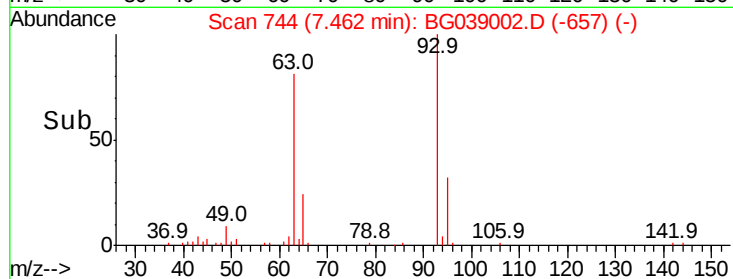
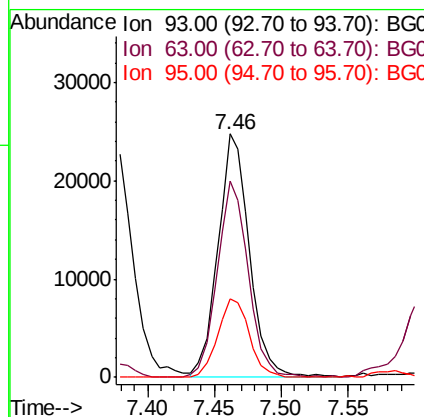
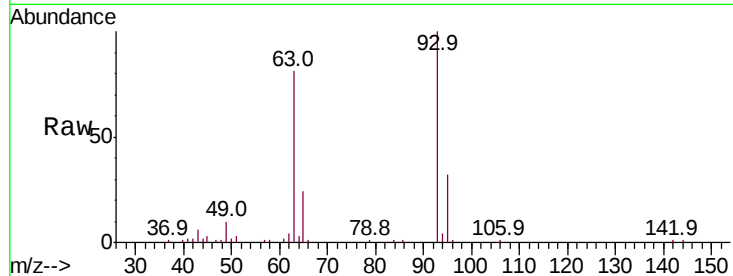
#11
bis(2-Chloroethyl)ether
Concen: 25.745 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

Tot Ion: 93 Resp: 41019
Ion Ratio Lower Upper
93 100
63 80.9 72.2 112.2
95 32.1 11.2 51.2

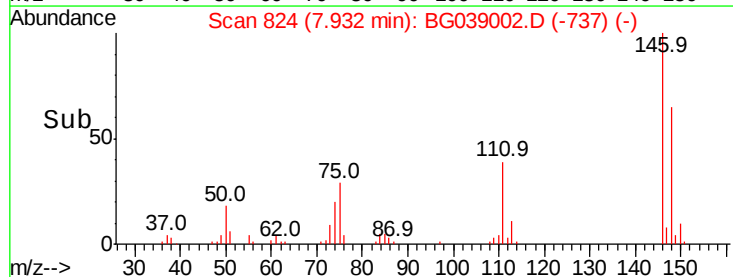
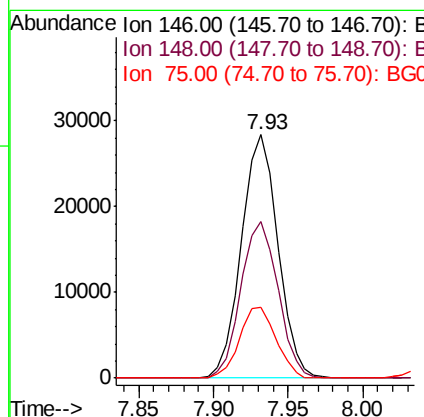
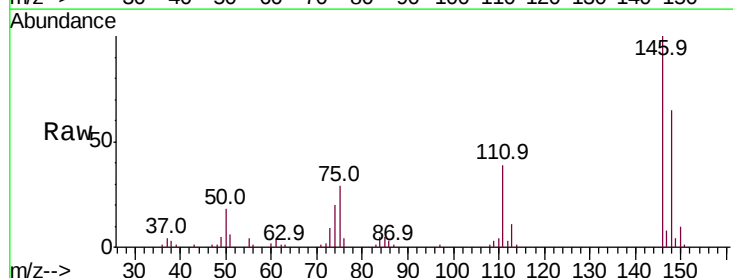
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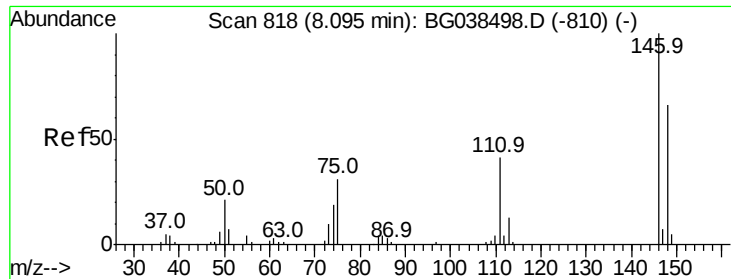
Sohil
1/9/2019 11:28:14 AM



#12
1,3-Dichlorobenzene
Concen: 25.755 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion: 146 Resp: 48355
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
75 28.8 26.1 39.1





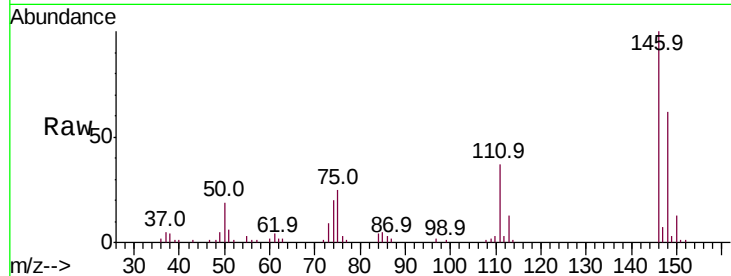
#13
1,4-Dichlorobenzene
Concen: 25.877 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	52.4	78.6
111	36.8	33.0	49.4

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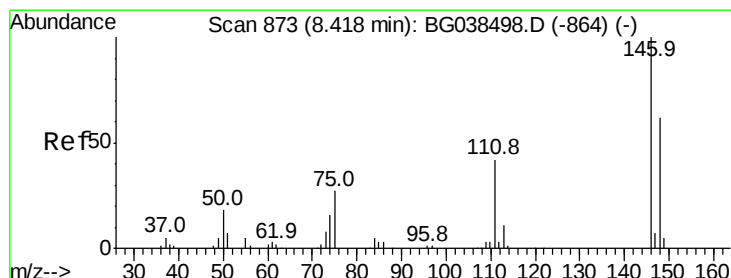
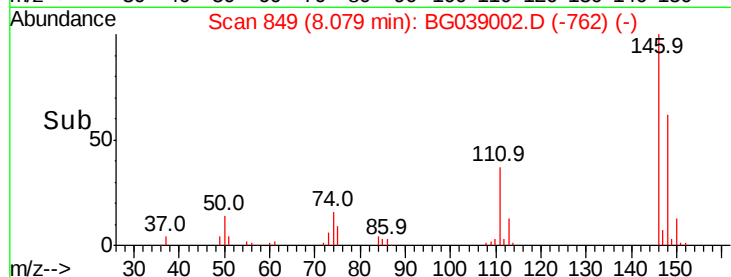
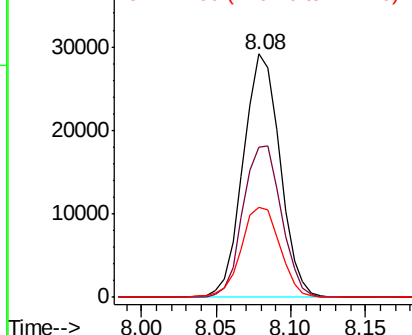


Abundance

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: 26.888 ng
RT: 8.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

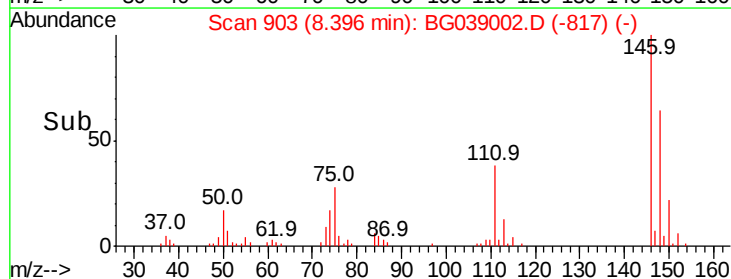
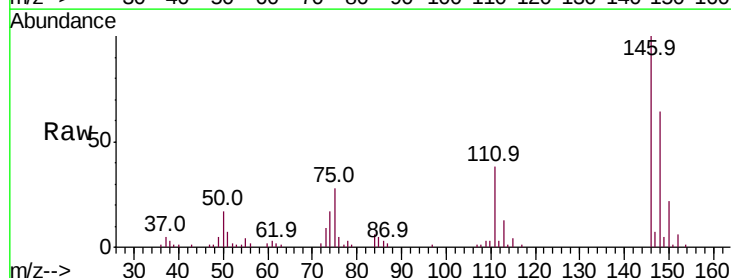
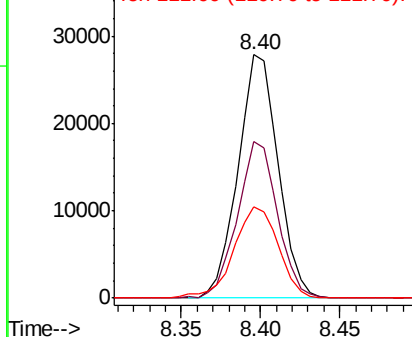
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.4	74.0
111	37.7	33.8	50.6

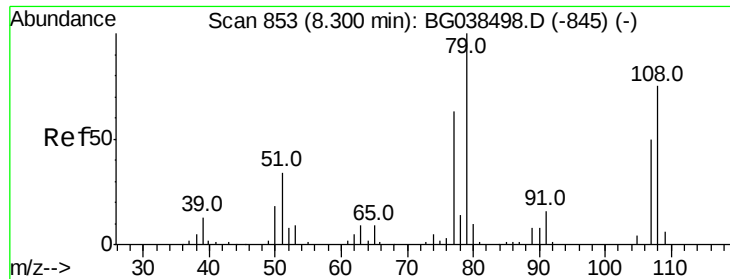
Abundance

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: 29.912 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

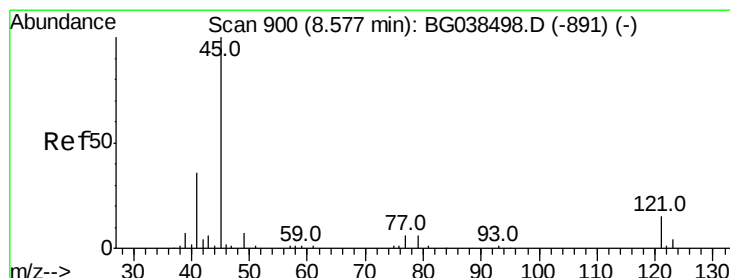
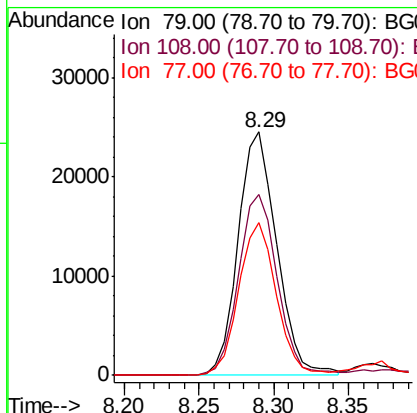
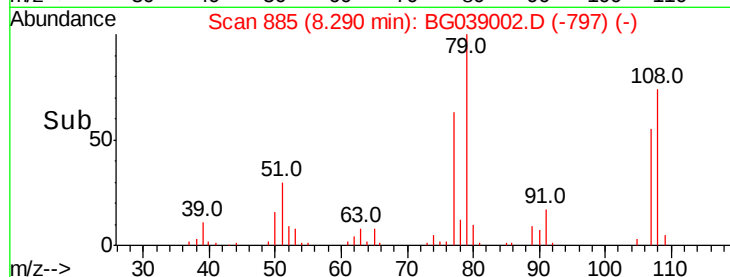
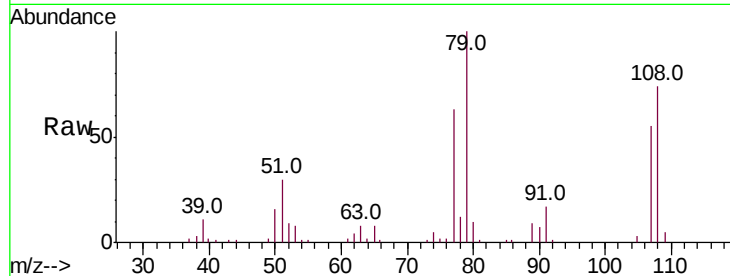
ClientSampled :

W12-7MS

Tot Ion:	79	Resp:	43979
Ion Ratio	Lower	Upper	
79	100		
108	74.4	60.2	90.4
77	62.5	50.7	76.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.526 ng

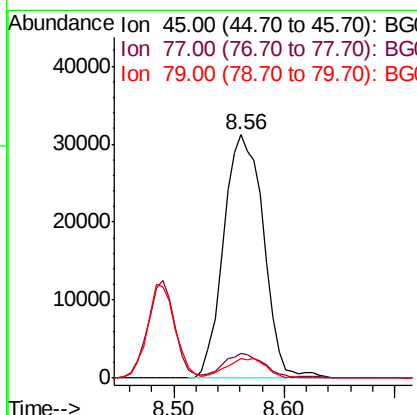
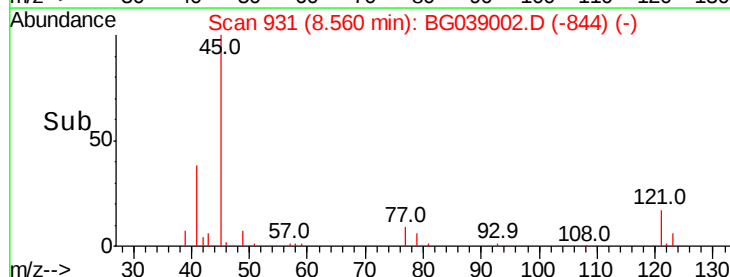
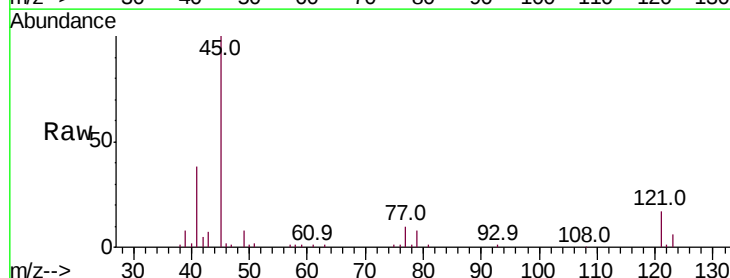
RT: 8.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:	45	Resp:	78567
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	28.2
79	7.9	0.0	27.2





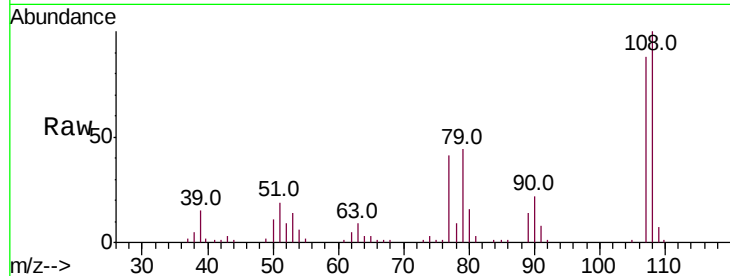
#17
2-Methylphenol
Concen: 32.779 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

Tot Ion:	107	Resp:	43950
Ion	Ratio	Lower	Upper
107	100		
108	113.2	87.1	130.7
77	46.8	42.0	63.0
79	49.4	38.2	57.2

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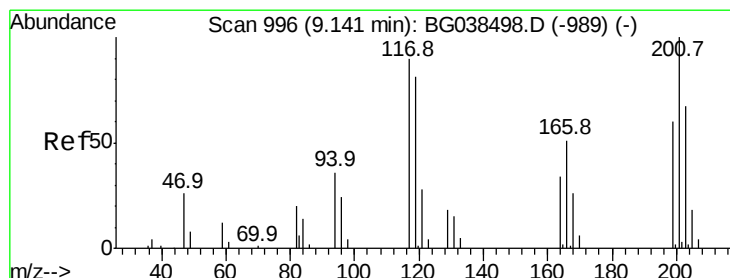
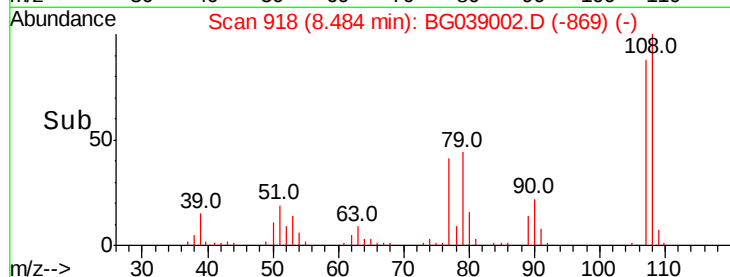
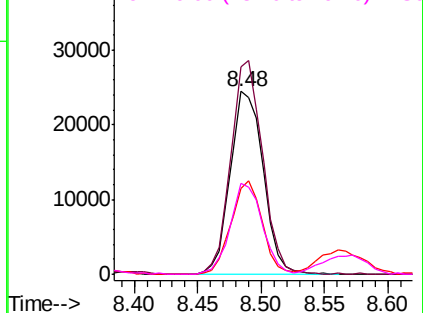
Abundance

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: 24.341 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

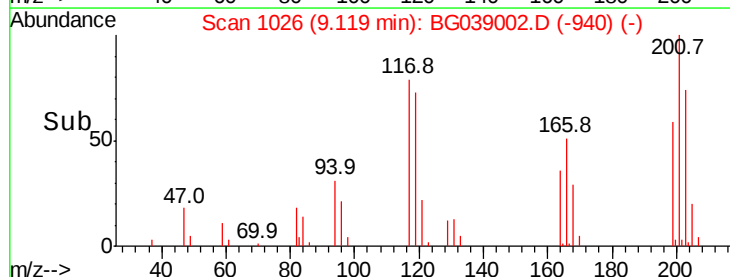
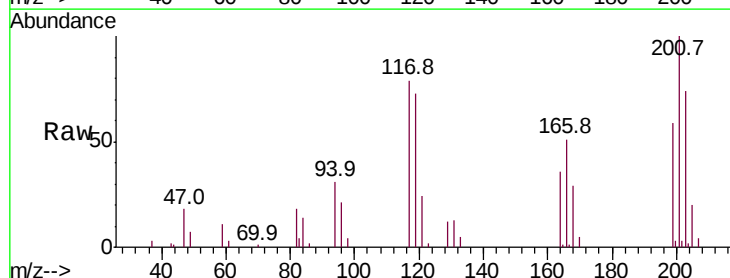
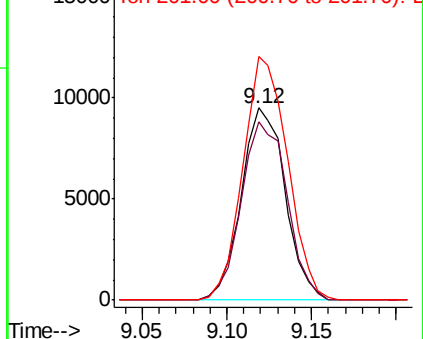
Tgt Ion:	117	Resp:	17103
Ion	Ratio	Lower	Upper
117	100		
119	92.6	73.8	110.8
201	130.4	89.4	134.0

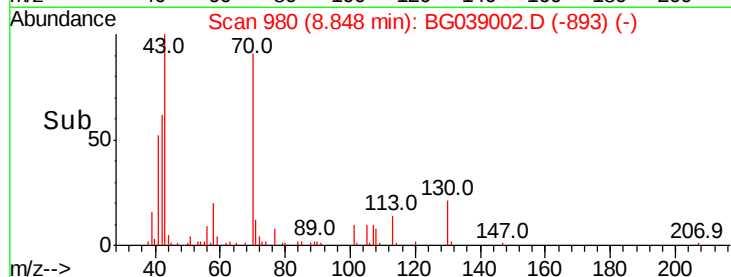
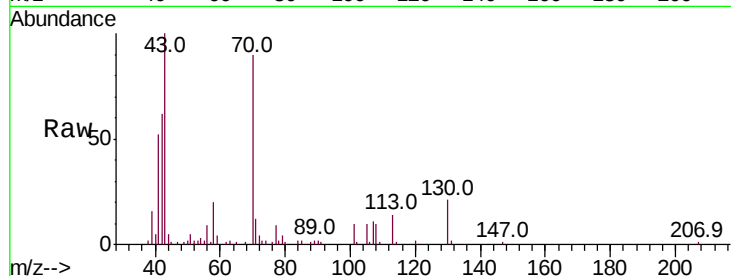
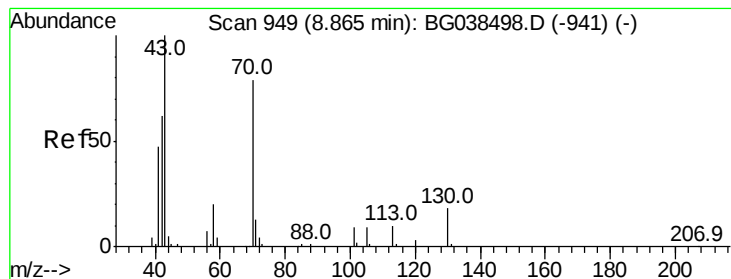
Abundance

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: 26.637 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

W12-7MS

Tot Ion: 70 Resp: 35240

Ion Ratio Lower Upper

70 100

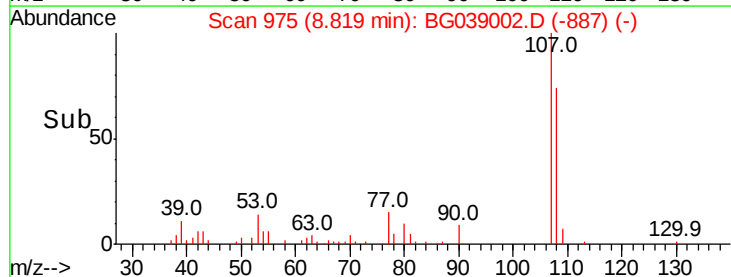
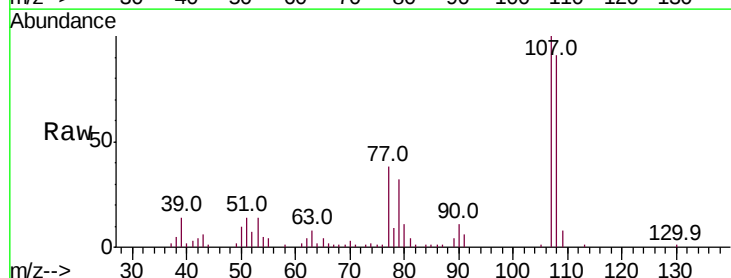
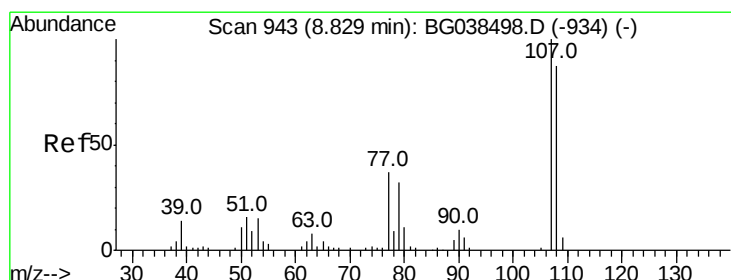
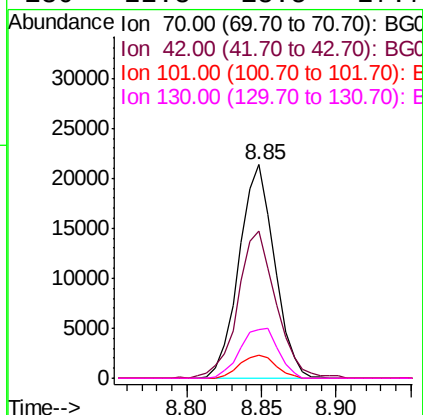
42 68.7 63.6 95.4

101 10.9 9.2 13.8

130 22.8 18.5 27.7

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#20

3+4-Methylphenols

Concen: 32.808 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion: 107 Resp: 60751

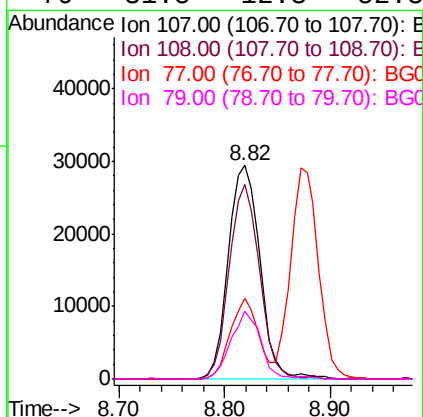
Ion Ratio Lower Upper

107 100

108 91.0 66.7 106.7

77 37.9 17.3 57.3

79 31.5 12.3 52.3





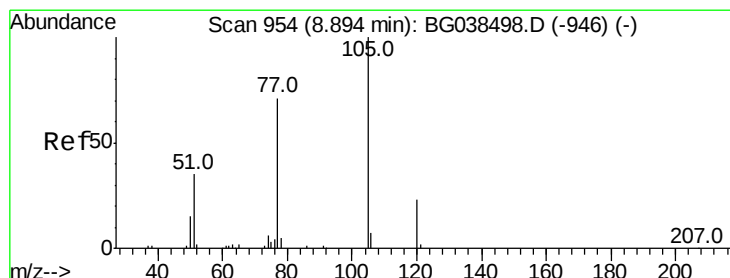
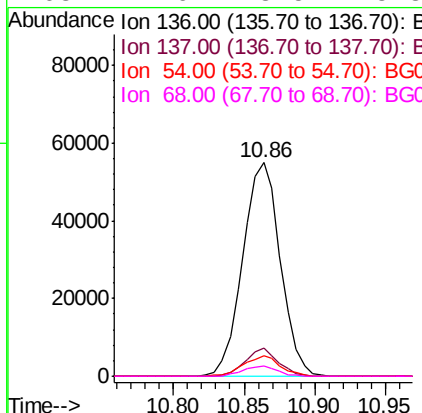
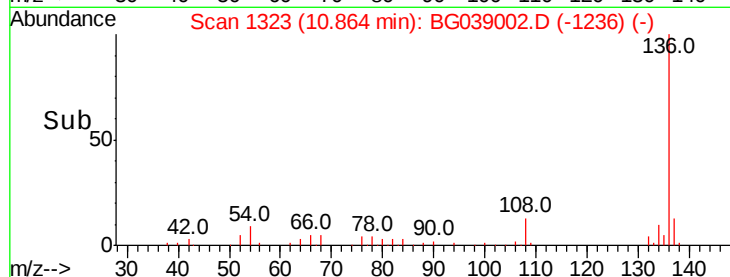
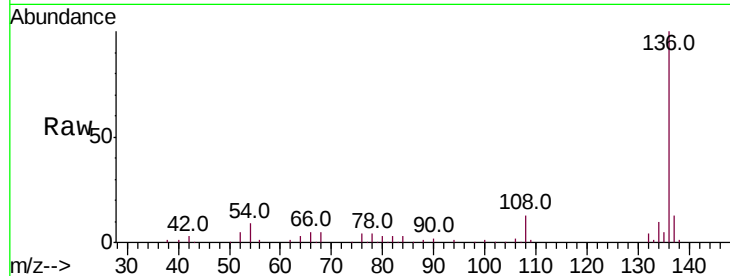
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	102262		
137	13.0		9.3	13.9
54	9.4		8.5	12.7
68	4.6		3.5	5.3

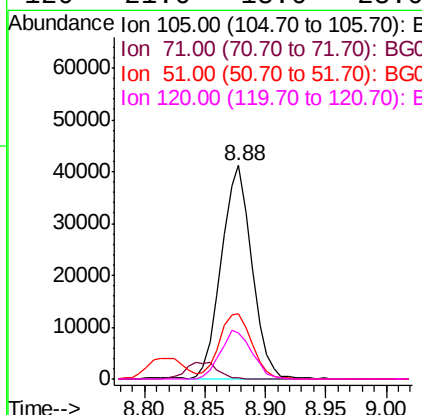
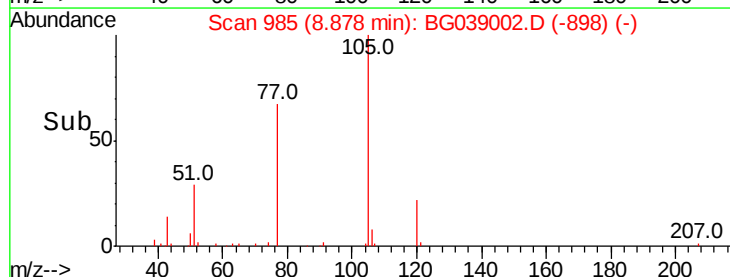
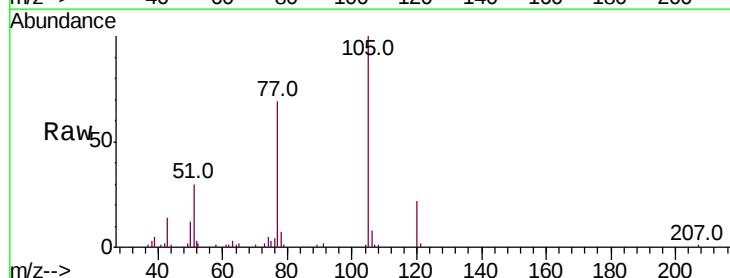
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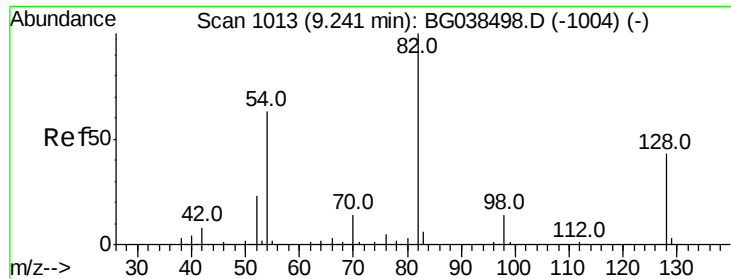
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#22
Acetophenone
Concen: 28.208 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	72052		
71	0.4		0.4	0.6#
51	30.4		30.6	46.0#
120	21.6		18.6	28.0





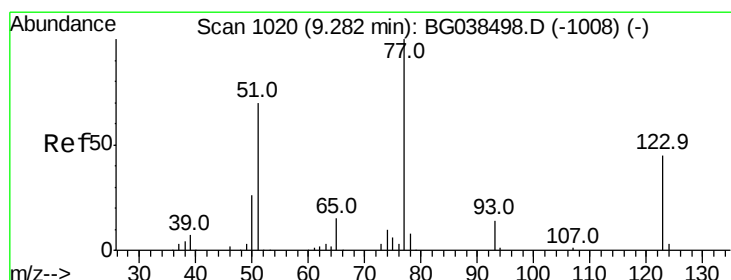
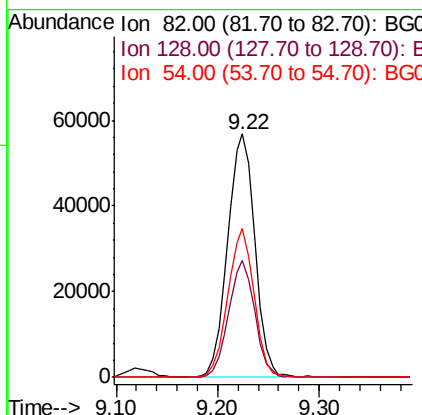
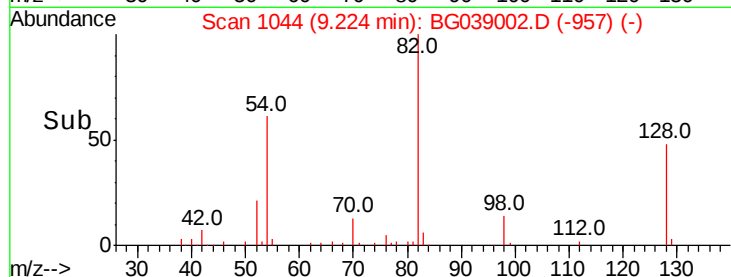
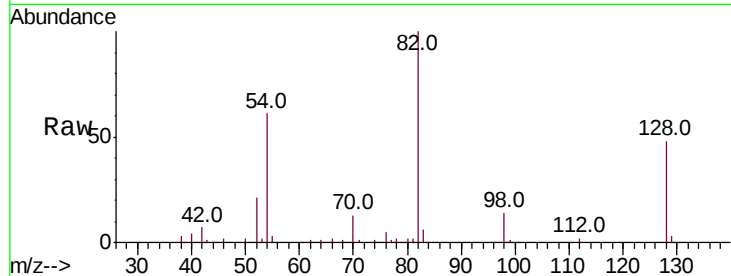
#23
Nitrobenzene-d5
Concen: 52.964 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampled :
W12-7MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.6	52.0
54	61.0	50.6	76.0

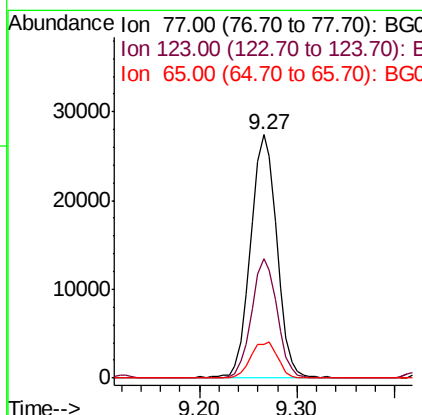
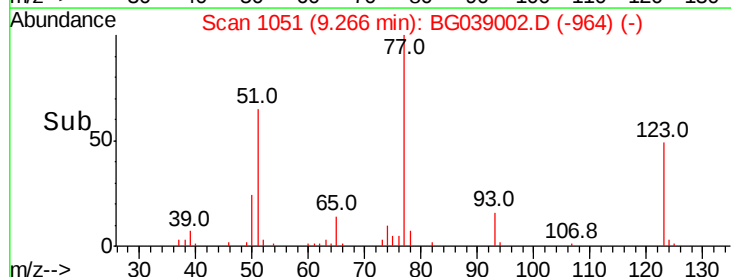
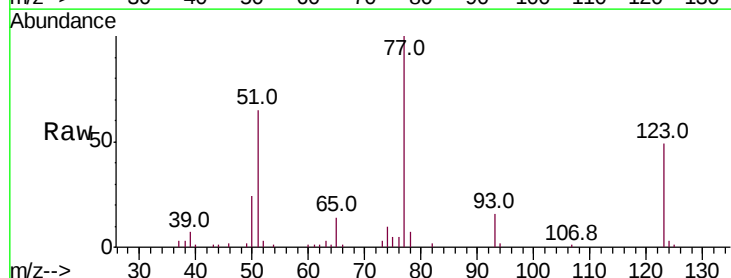
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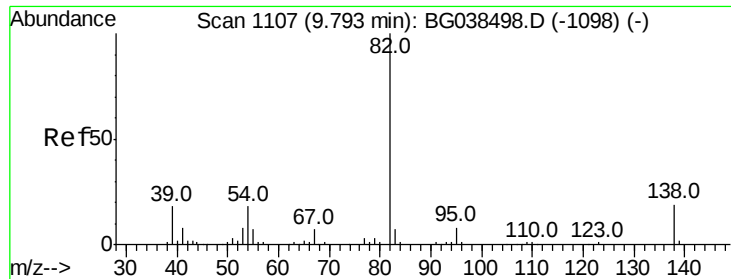
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#24
Nitrobenzene
Concen: 25.466 ng
RT: 9.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	35.9	53.9
65	13.9	12.0	18.0





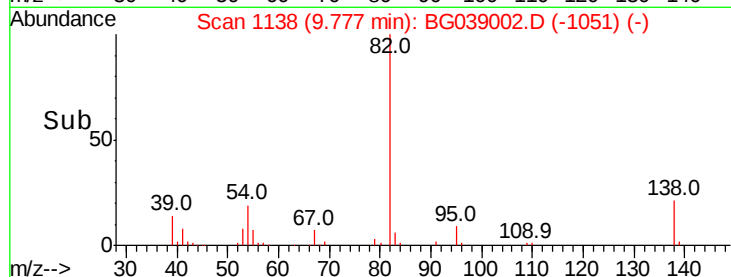
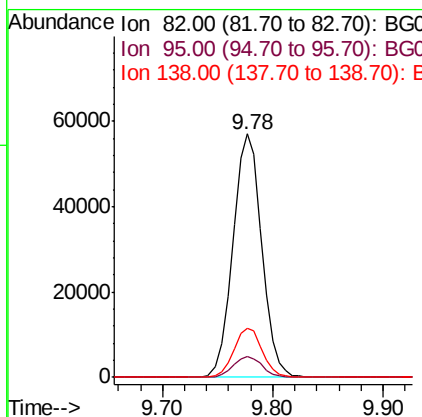
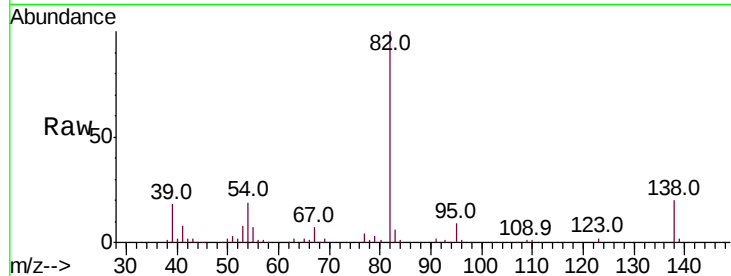
#25
Isophorone
Concen: 28.987 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.5	6.1	9.1	
138	20.3	14.9	22.3	

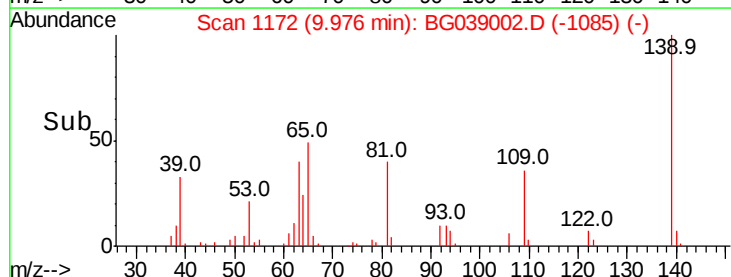
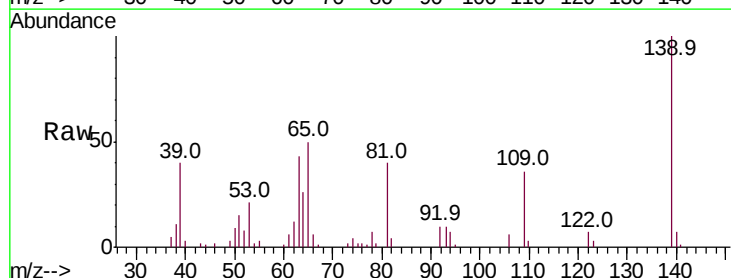
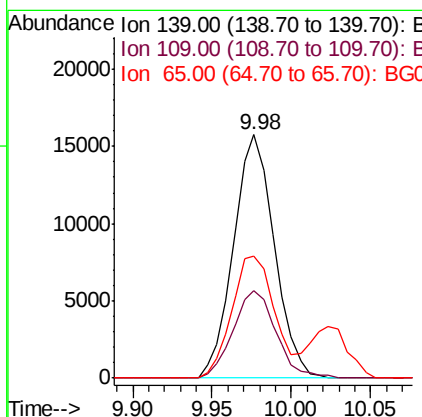
Manual Integrations
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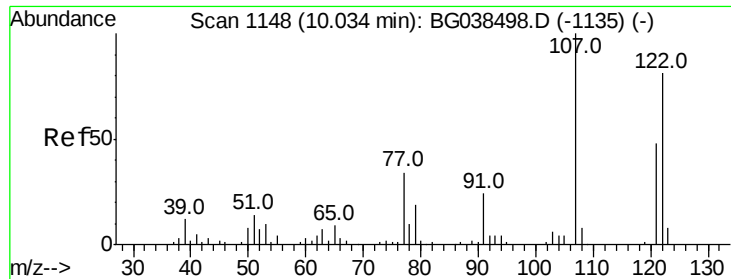
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#26
2-Nitrophenol
Concen: 27.183 ng
RT: 9.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.0	29.5	44.3	
65	50.2	48.5	72.7	





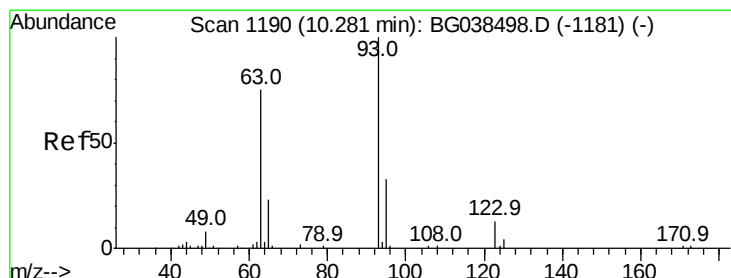
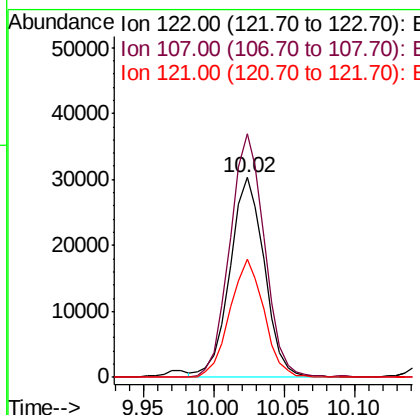
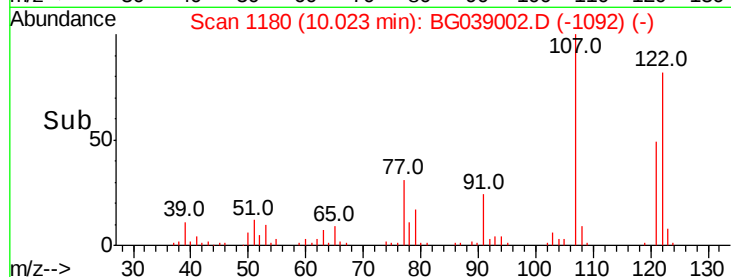
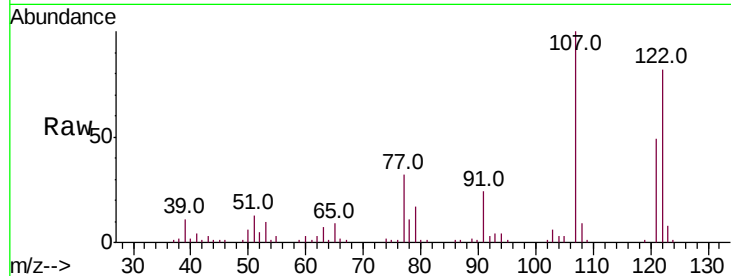
#27
 2,4-Dimethylphenol
 Concen: 34.838 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampled :
 W12-7MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.0	98.4	147.6
121	59.5	47.2	70.8

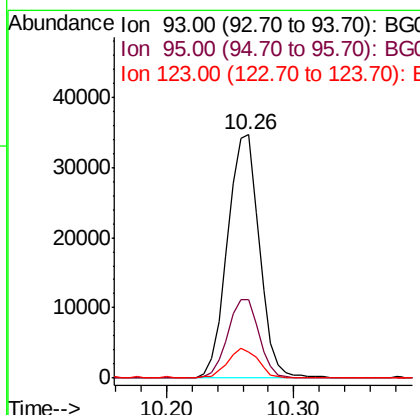
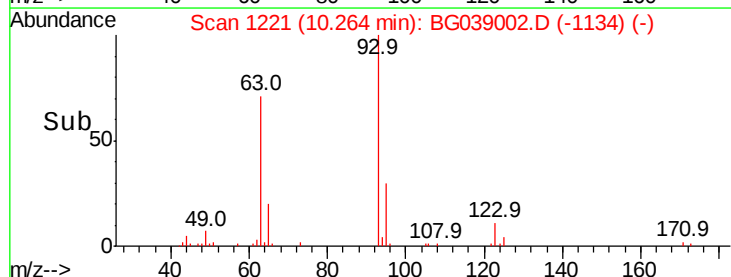
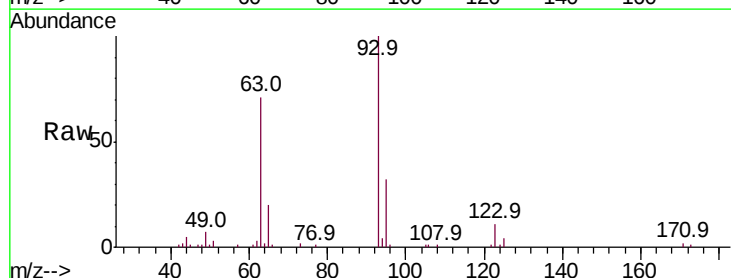
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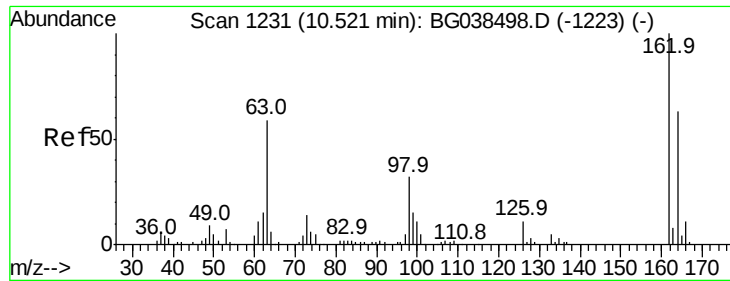
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#28
 bis(2-Chloroethoxy)methane
 Concen: 29.567 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	40.0
123	10.8	10.6	16.0





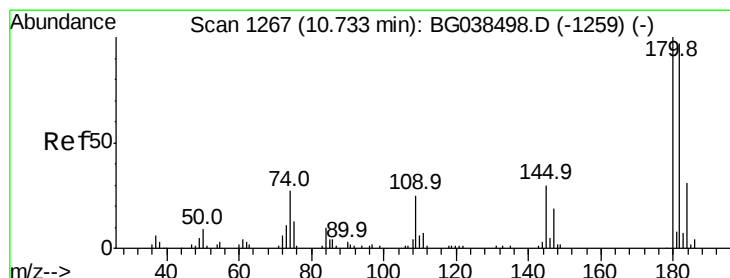
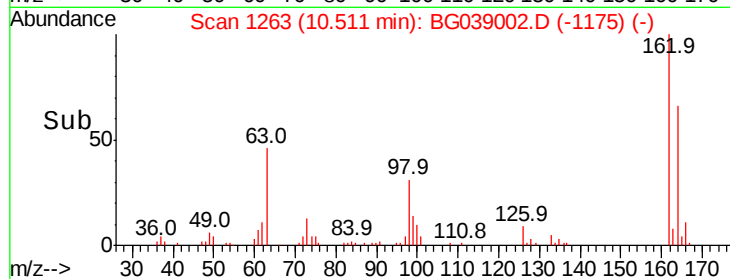
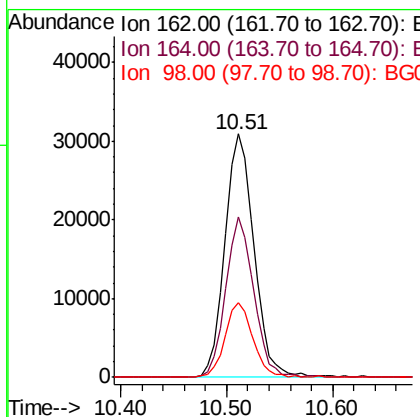
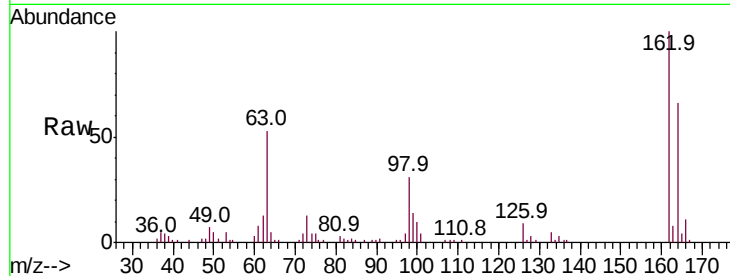
#29
 2,4-Dichlorophenol
 Concen: 35.660 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :
 W12-7MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	58926		
164	65.9		42.9	82.9
98	30.8		12.1	52.1

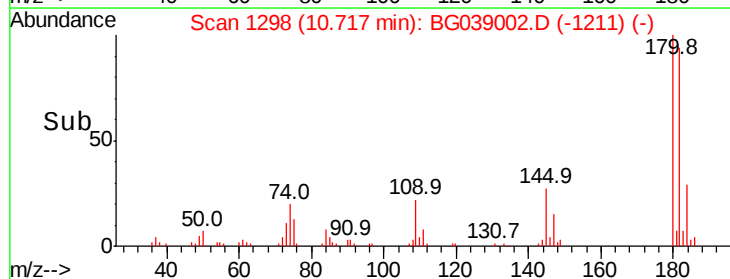
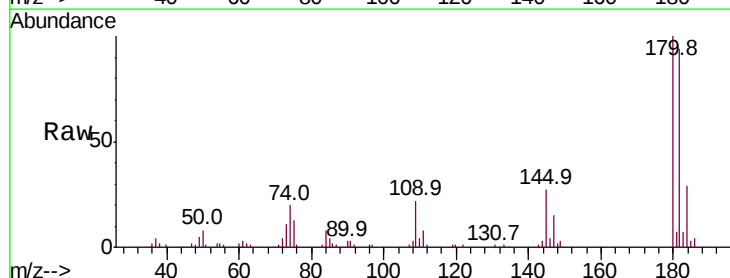
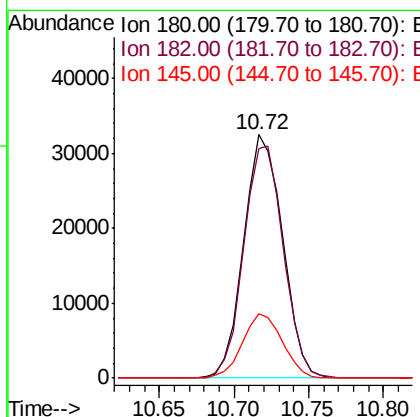
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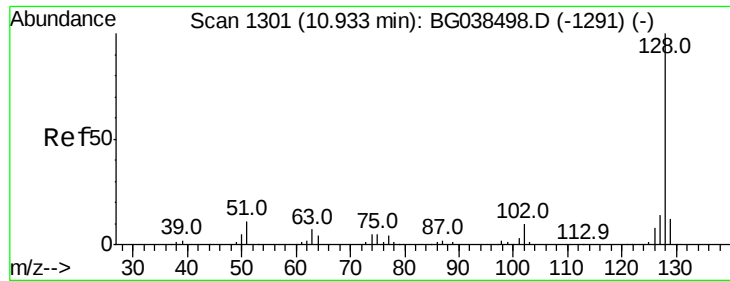
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#30
 1,2,4-Trichlorobenzene
 Concen: 29.363 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	58610		
182	94.1		77.4	116.0
145	26.7		24.1	36.1





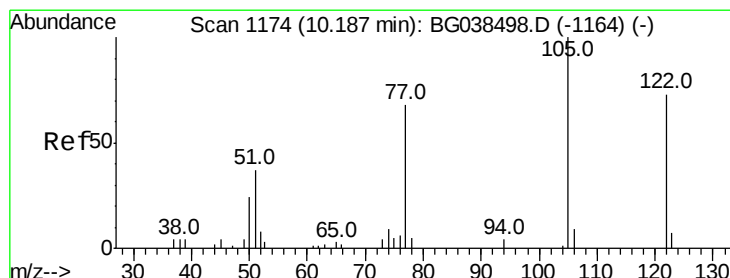
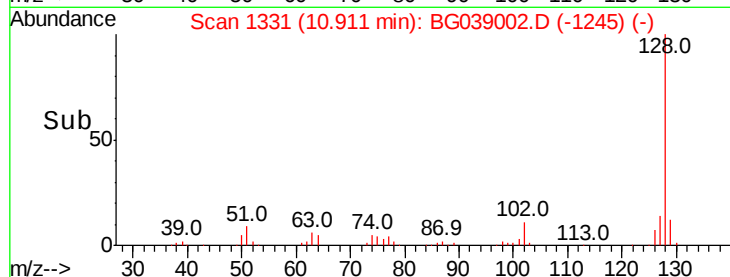
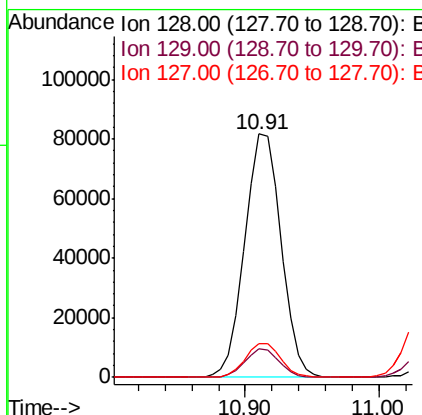
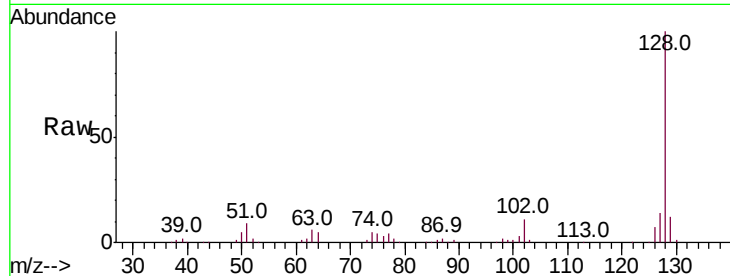
#31
Naphthalene
Concen: 30.520 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampled :
W12-7MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	13.6	10.9	16.3

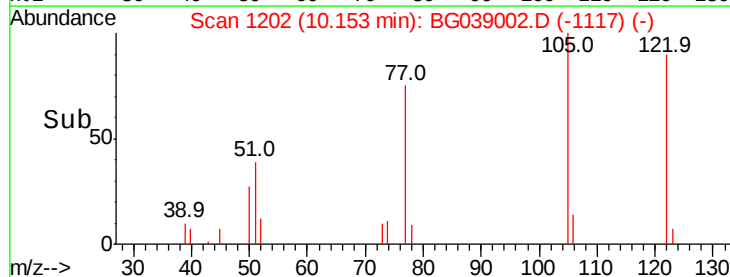
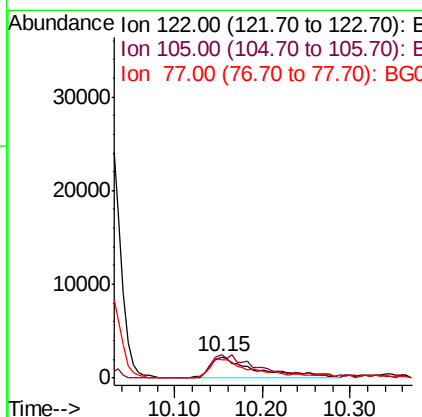
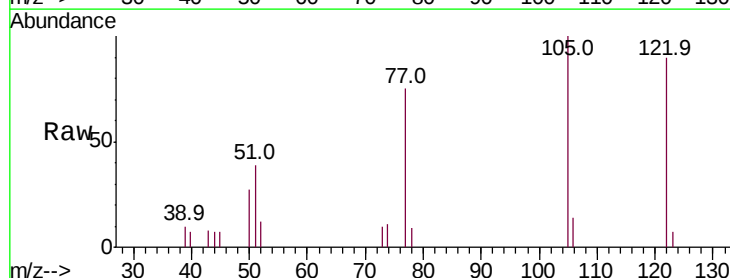
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#32
Benzoic acid
Concen: 17.024 ng m
RT: 10.15 min Scan# 1202
Delta R.T. -0.03 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.6	116.7	156.7#
77	83.7	72.5	112.5





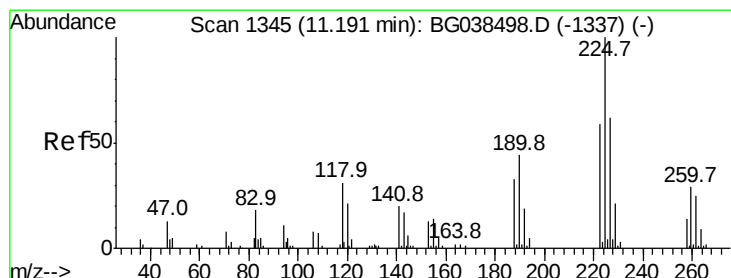
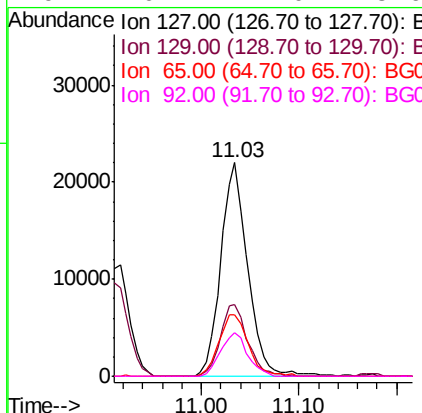
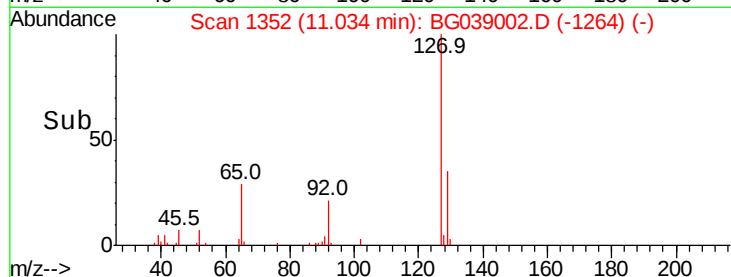
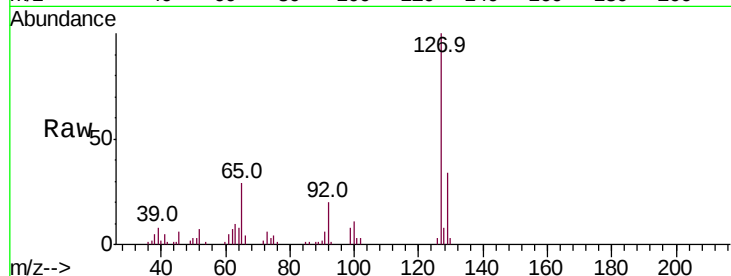
#33
4-Chloroaniline
Concen: 19.256 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8
65	28.7	27.8	41.6
92	20.4	17.0	25.6

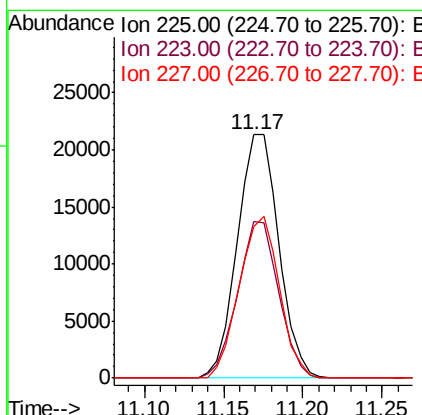
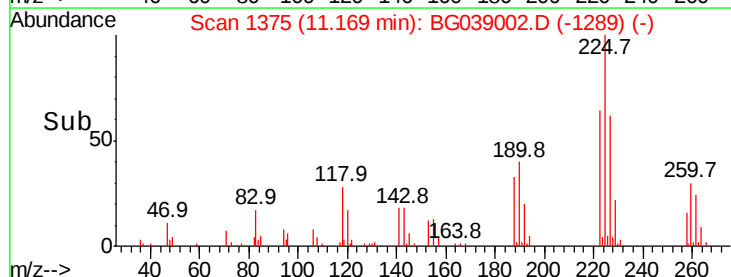
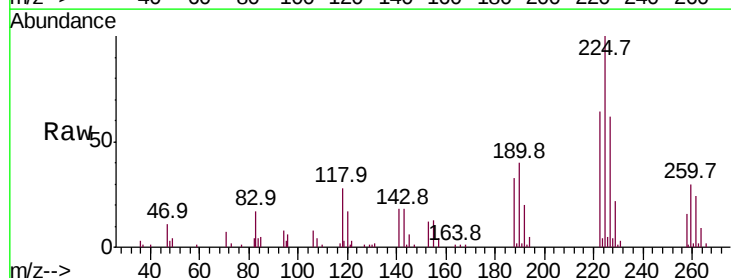
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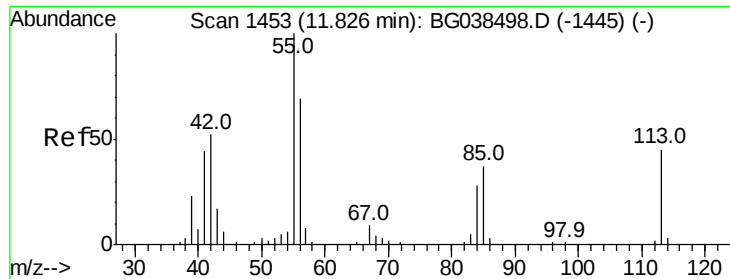
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#34
Hexachlorobutadiene
Concen: 28.726 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.5	45.0	67.6#
227	62.2	50.6	75.8





#35

Caprolactam

Concen: 25.764 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

W12-7MS

Tot Ion:113 Resp: 17619

Ion Ratio Lower Upper

113 100

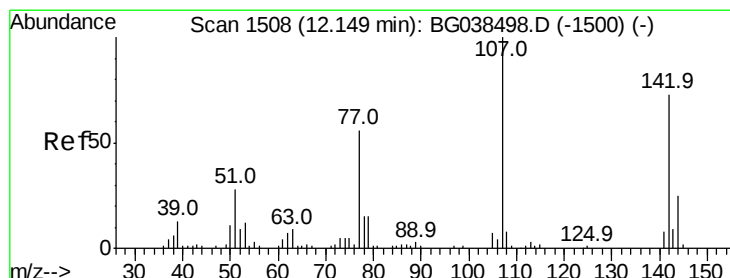
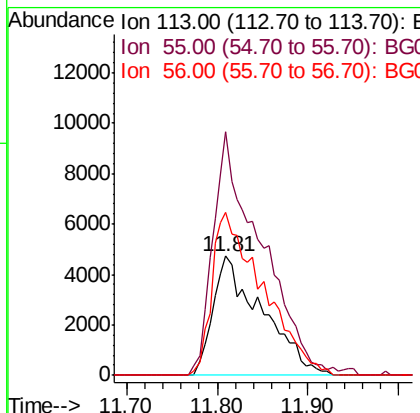
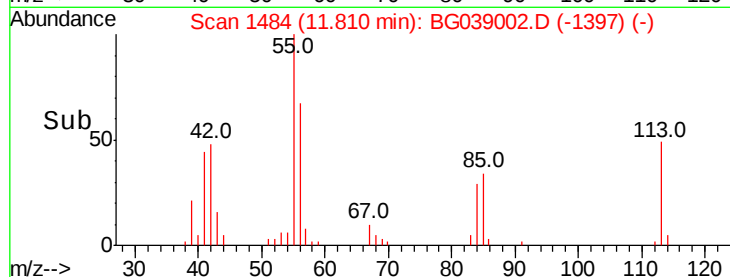
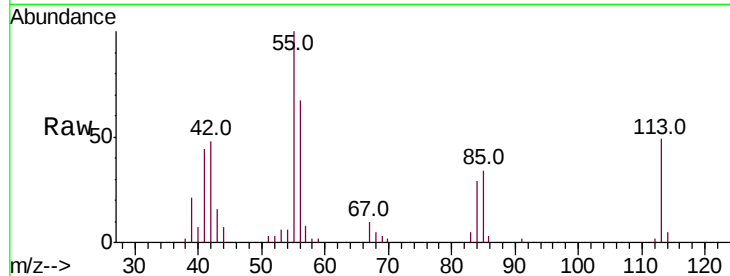
55 204.0 204.3 244.3#

56 136.2 135.0 175.0

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#36

4-Chloro-3-methylphenol

Concen: 32.446 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

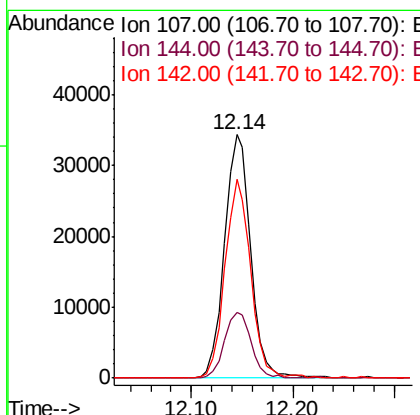
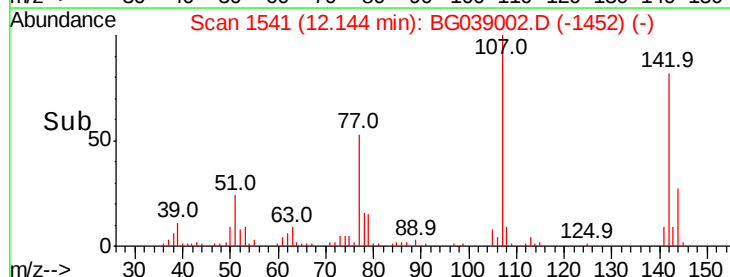
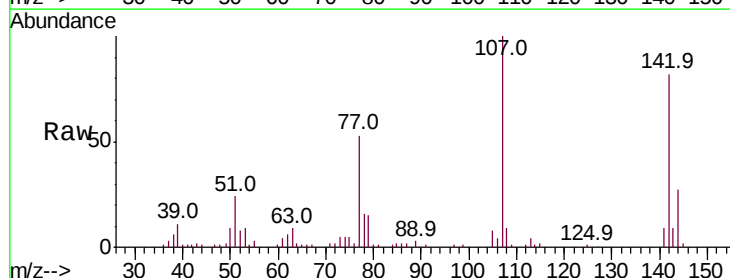
Tgt Ion:107 Resp: 61184

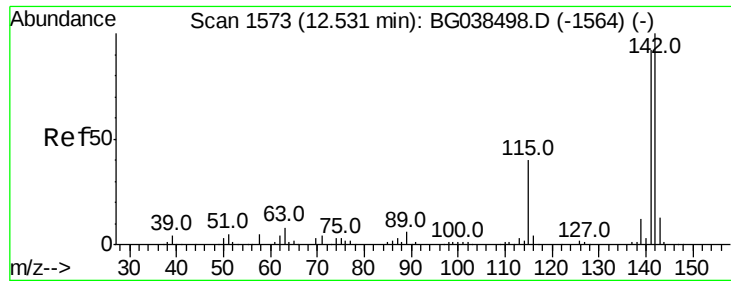
Ion Ratio Lower Upper

107 100

144 27.1 20.1 30.1

142 81.7 58.7 88.1





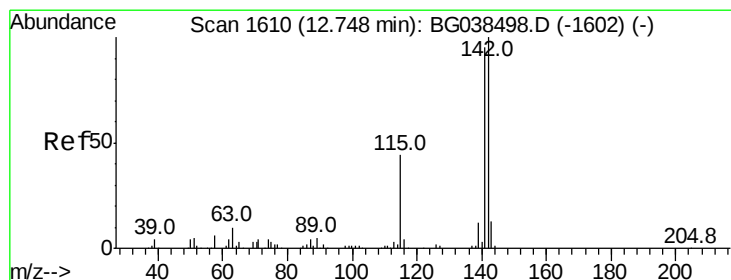
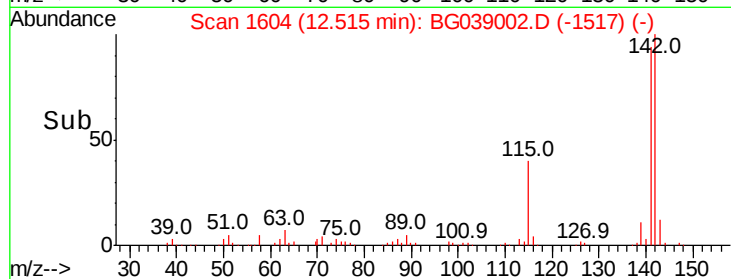
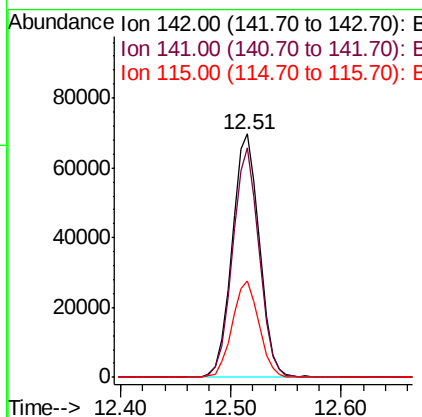
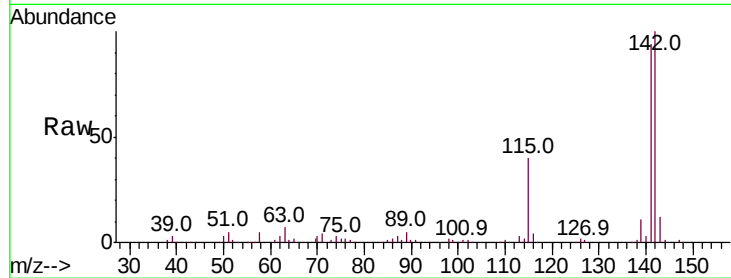
#37
 2-Methylnaphthalene
 Concen: 33.640 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :
 W12-7MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.5	110.3
115	39.6	31.7	47.5

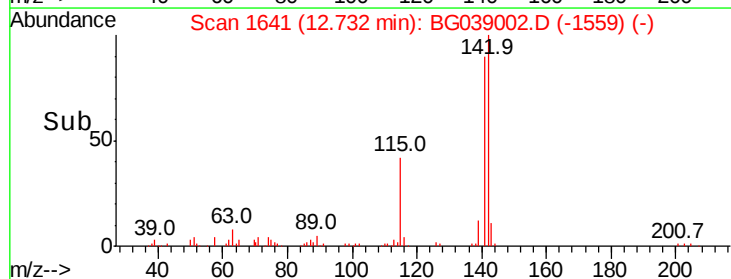
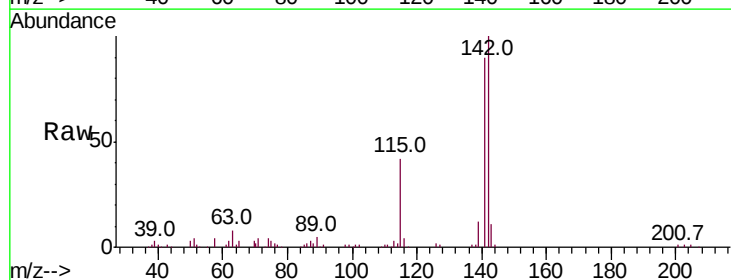
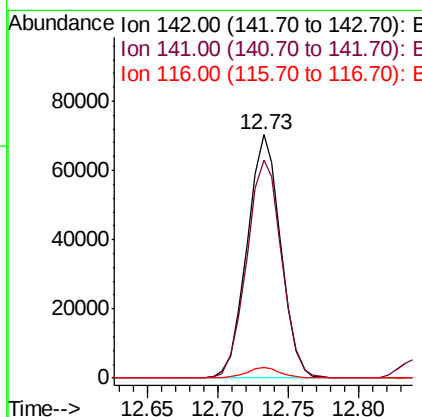
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#38
 1-Methylnaphthalene
 Concen: 33.559 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	75.8	113.8
116	4.5	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

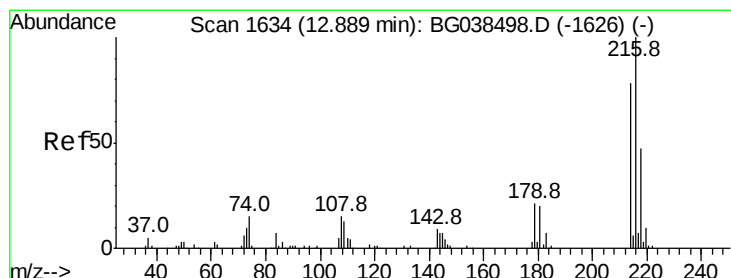
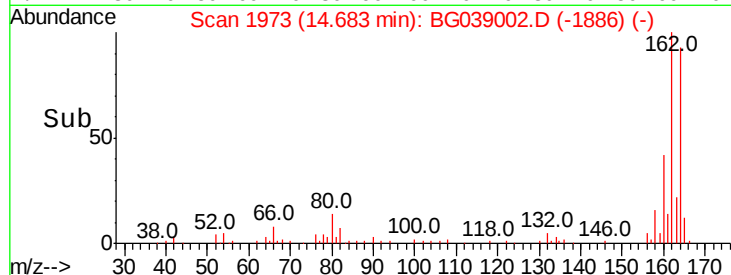
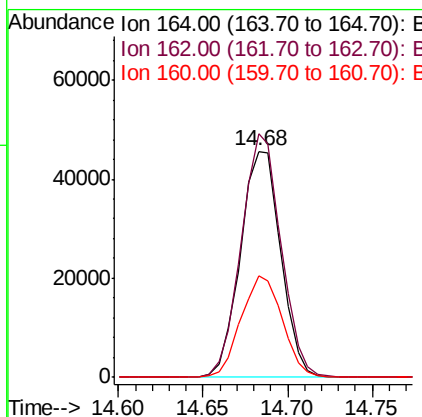
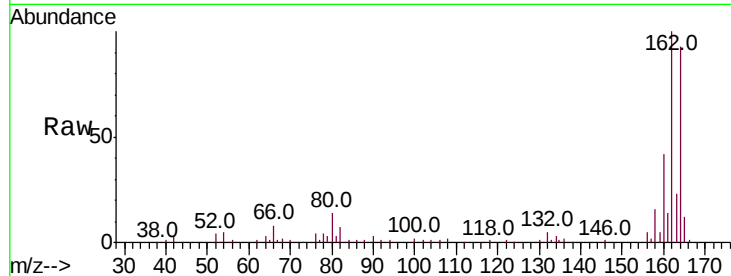
ClientSampleId :

W12-7MS

Tot Ion:	164	Resp:	75700
Ion	Ratio	Lower	Upper
164	100		
162	107.8	86.6	130.0
160	45.1	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 27.592 ng

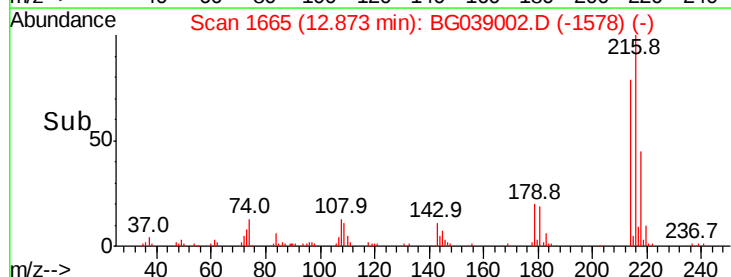
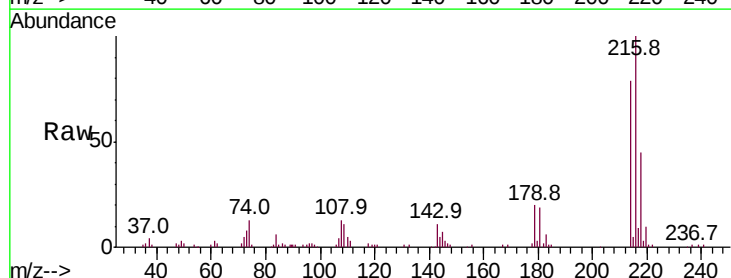
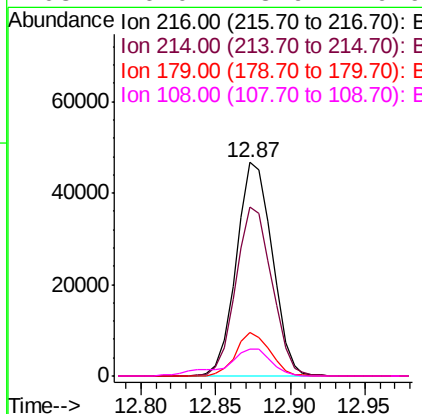
RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:	216	Resp:	78076
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.1	96.1
179	19.2	16.4	24.6
108	16.0	13.9	20.9





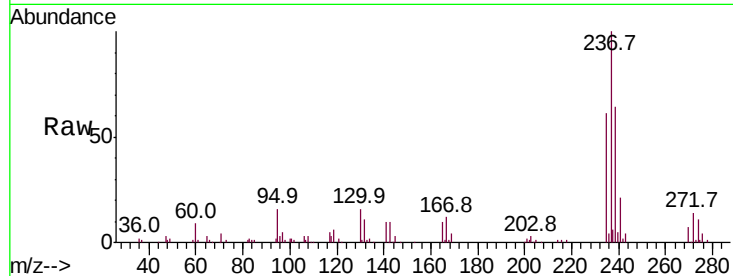
#41
Hexachlorocyclopentadiene
Concen: 55.163 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

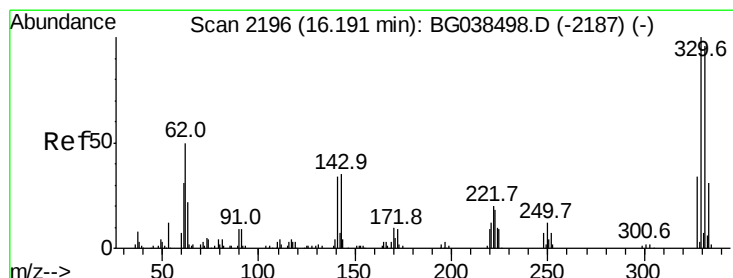
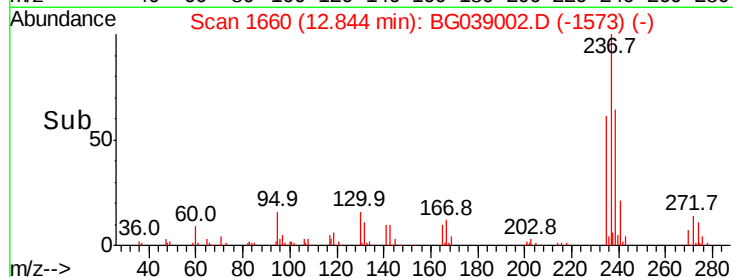
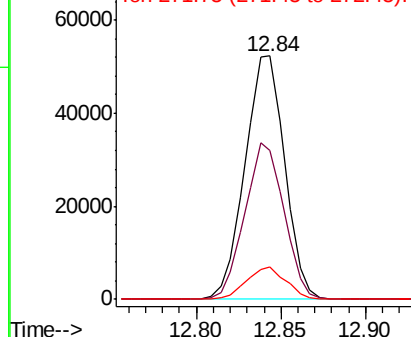
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.0	38.8	78.8
272	13.5	0.0	32.0

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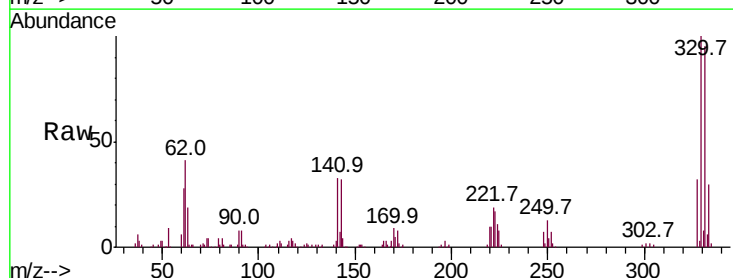


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

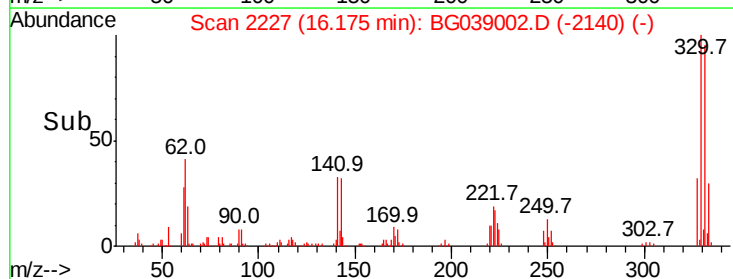
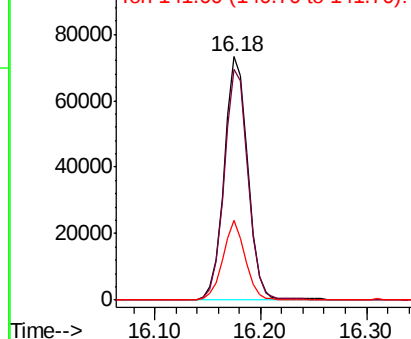


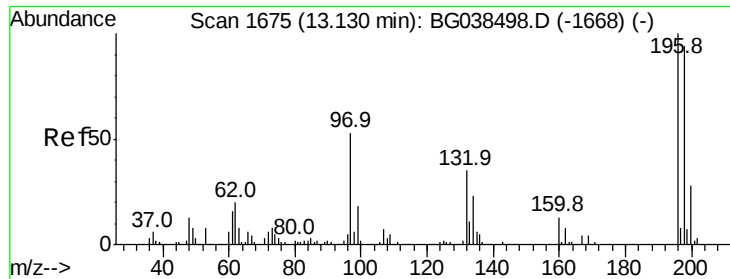
#42
2,4,6-Tribromophenol
Concen: 109.276 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.3	76.9	115.3
141	30.8	28.8	43.2



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





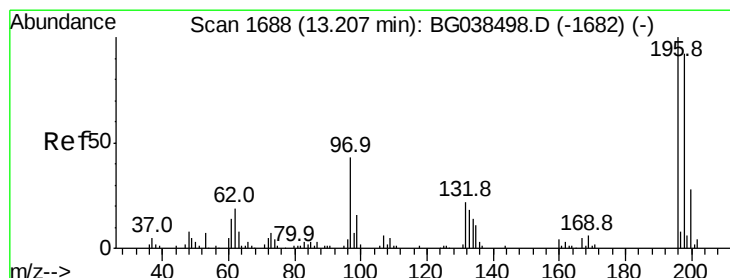
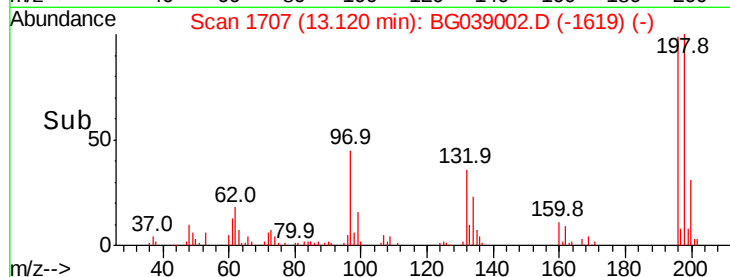
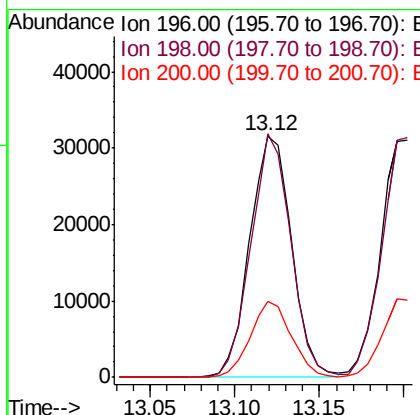
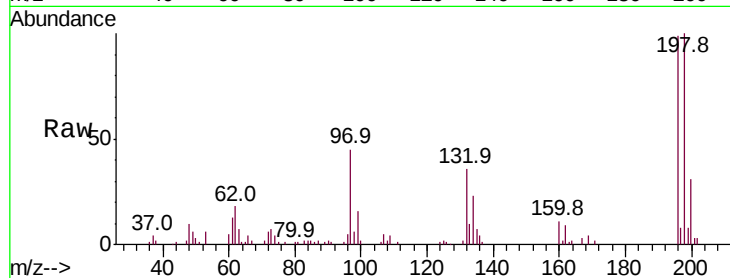
#43
 2,4,6-Trichlorophenol
 Concen: 31.214 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :
 W12-7MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	54307		
198	100.8	75.0	112.4	
200	31.5	22.4	33.6	

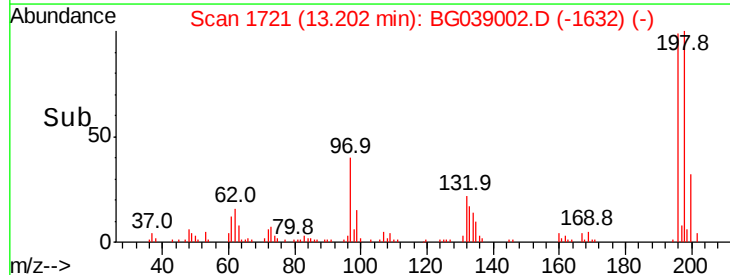
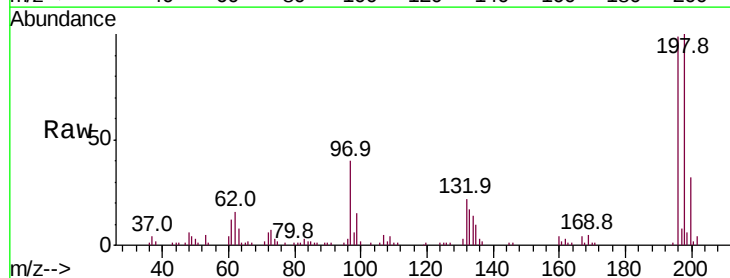
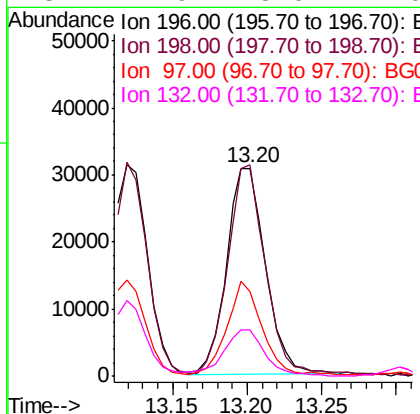
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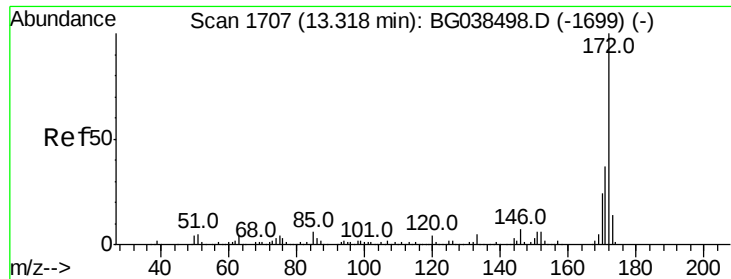
Sohil
 1/9/2019 11:28:14 AM



#44
 2,4,5-Trichlorophenol
 Concen: 30.402 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	56004		
198	101.3	74.0	111.0	
97	40.4	35.1	52.7	
132	21.9	18.0	27.0	





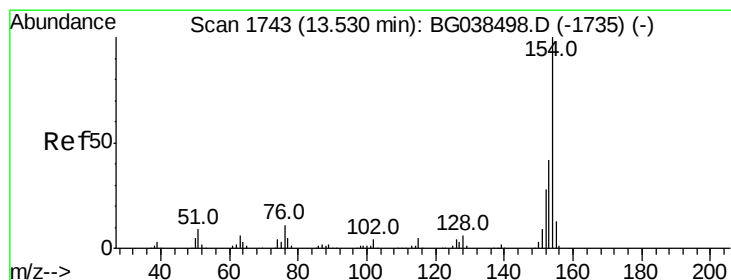
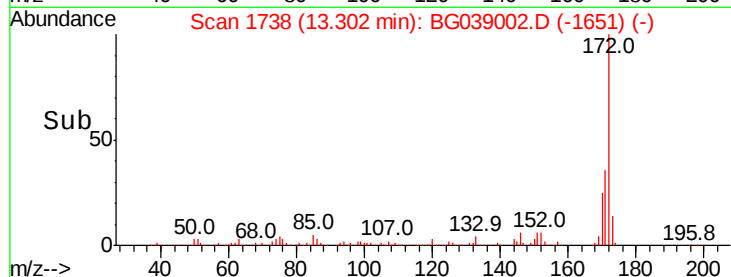
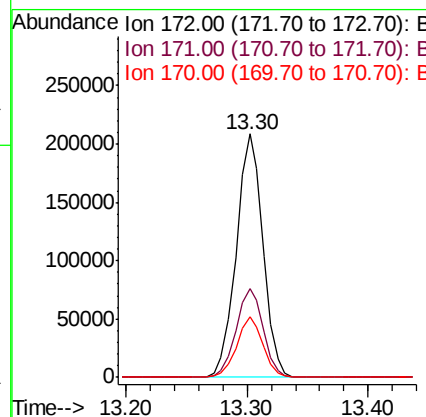
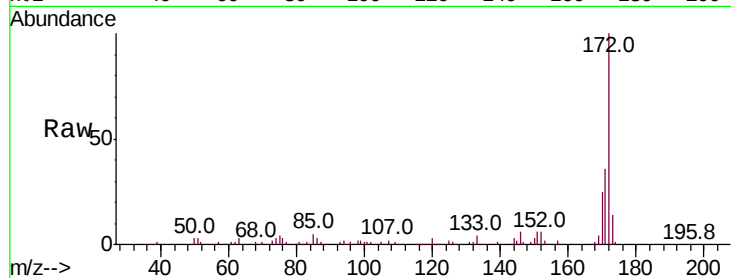
#45
2-Fluorobiphenyl
Concen: 57.801 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampled :
W12-7MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	24.8	19.5	29.3

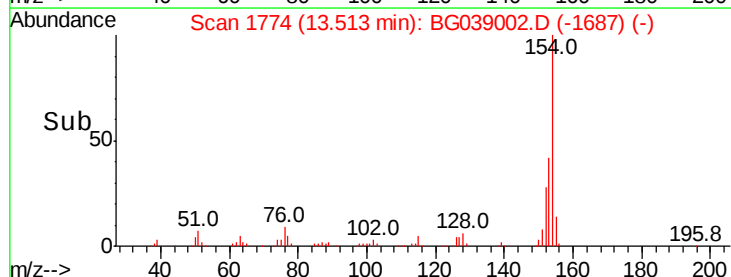
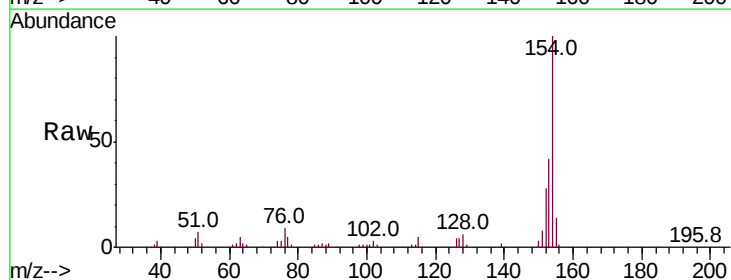
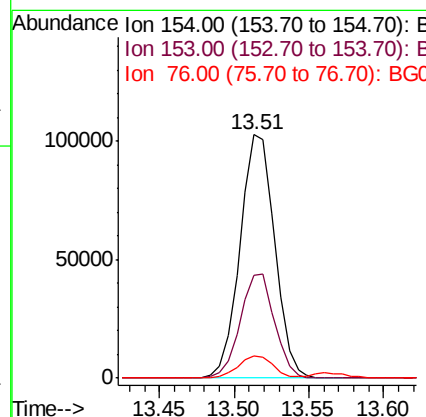
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#46
1,1'-Biphenyl
Concen: 26.065 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	8.9	0.0	31.2





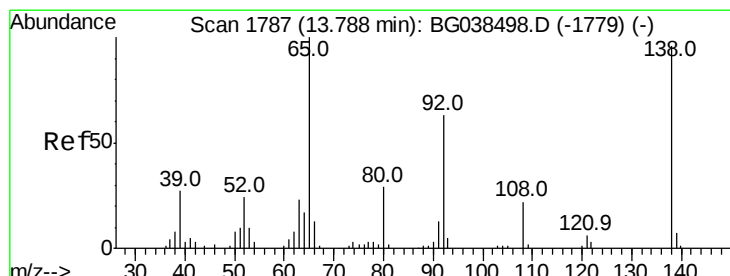
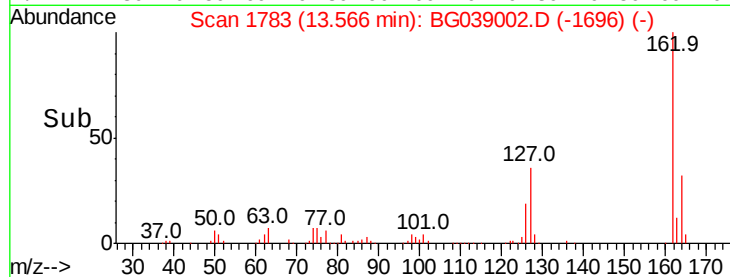
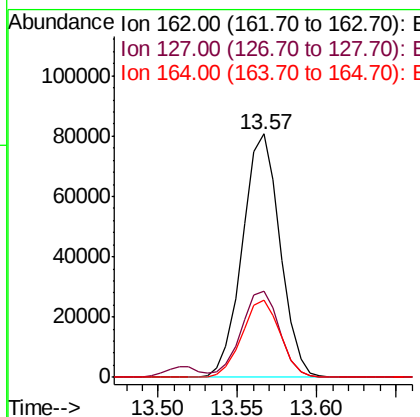
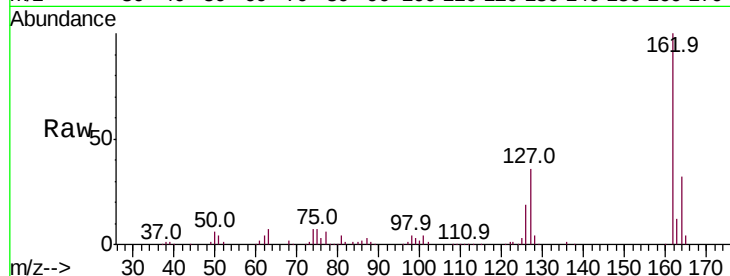
#47
 2-Chloronaphthalene
 Concen: 27.183 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampled :
 W12-7MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.7	27.8	41.8
164	32.0	26.9	40.3

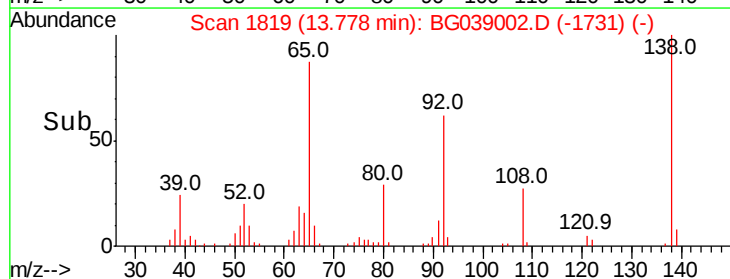
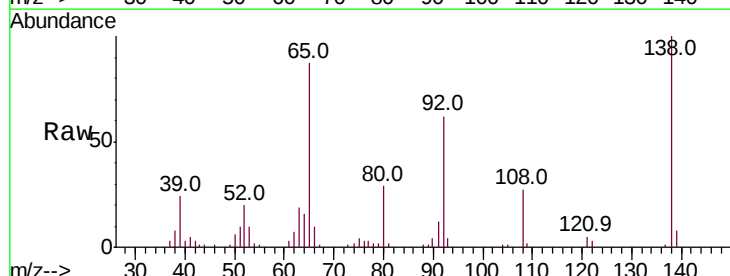
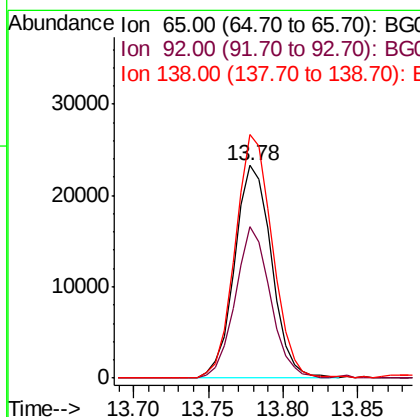
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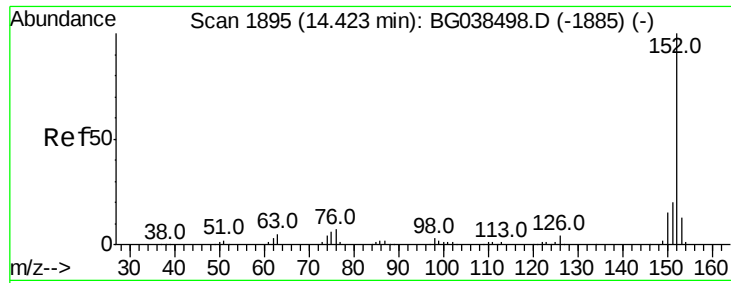
Sohil
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#48
 2-Nitroaniline
 Concen: 25.739 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	50.0	75.0
138	114.5	76.9	115.3





#49

Acenaphthylene

Concen: 30.012 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

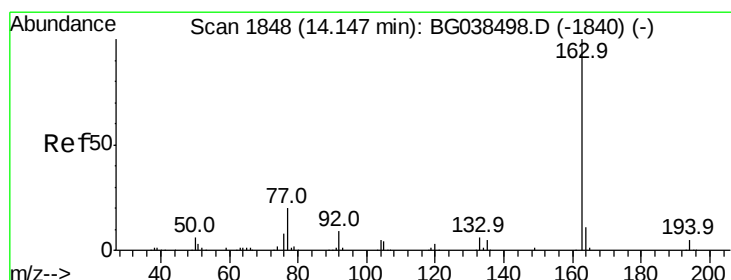
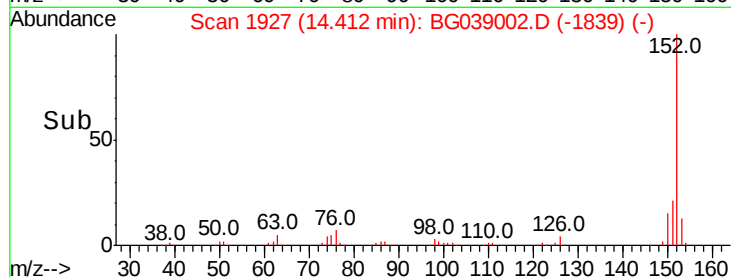
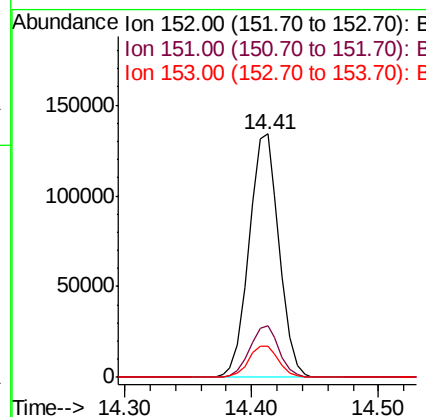
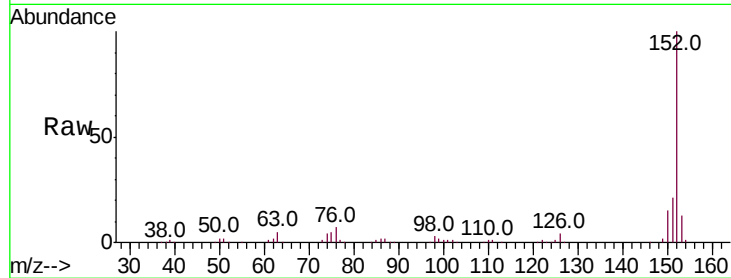
ClientSampleId :

W12-7MS

Tot Ion:	152	Resp:	219941
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.4	24.6
153	13.0	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.476 ng

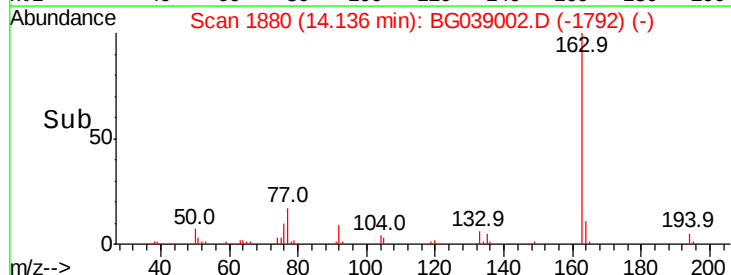
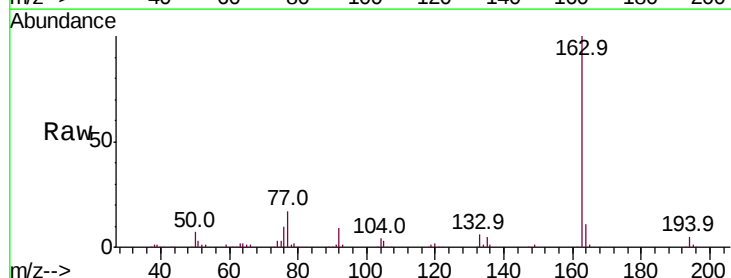
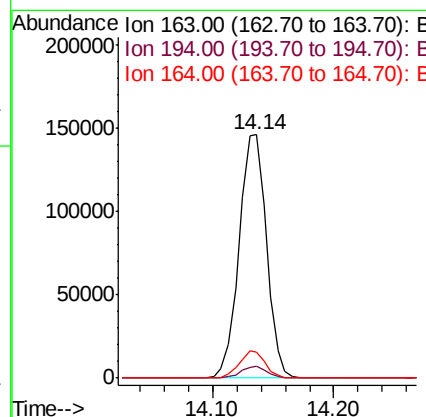
RT: 14.14 min Scan# 1880

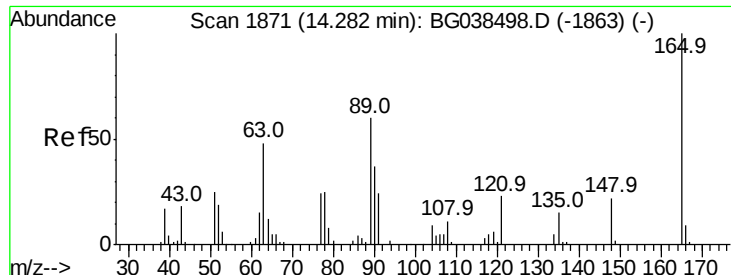
Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:	163	Resp:	231671
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.7	5.5
164	10.5	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 28.622 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampled :

W12-7MS

Tot Ion:165 Resp: 40097

Ion Ratio Lower Upper

165 100

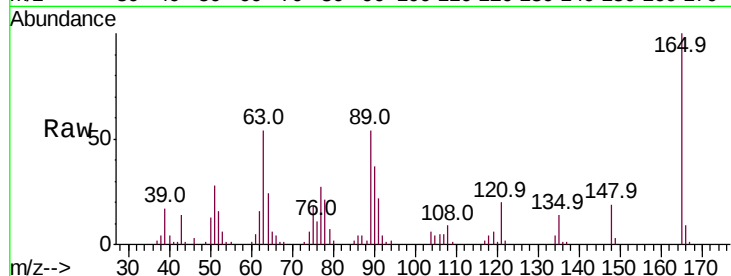
63 54.3 51.8 77.6

89 53.6 47.9 71.9

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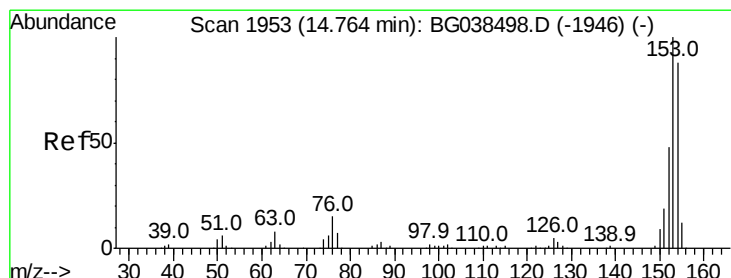
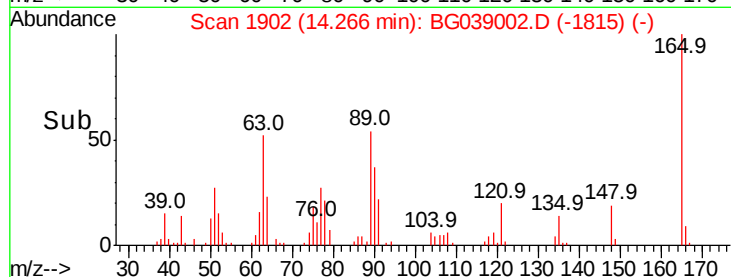
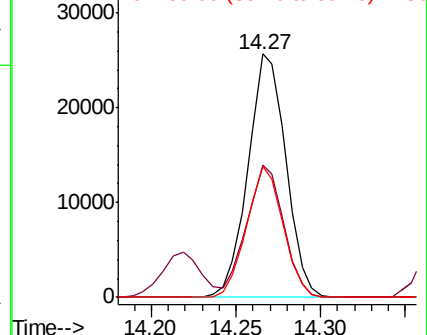
1/9/2019 11:28:14 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 29.091 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

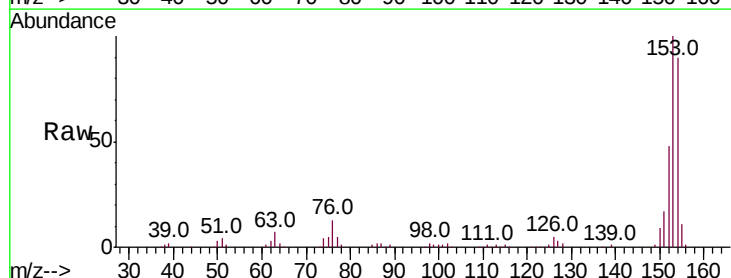
Tgt Ion:154 Resp: 127480

Ion Ratio Lower Upper

154 100

153 111.3 90.6 136.0

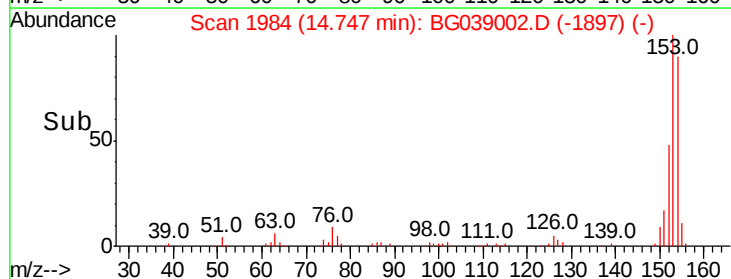
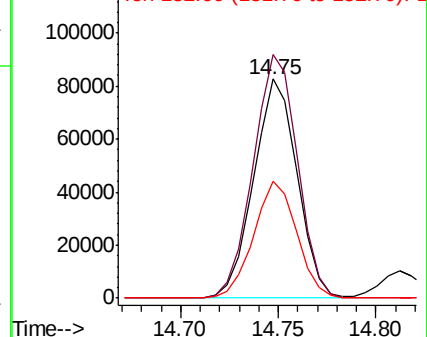
152 53.6 43.5 65.3

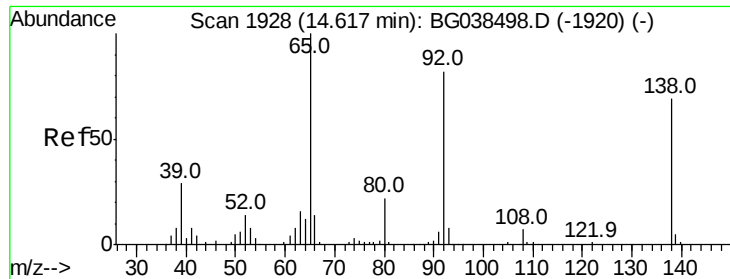


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





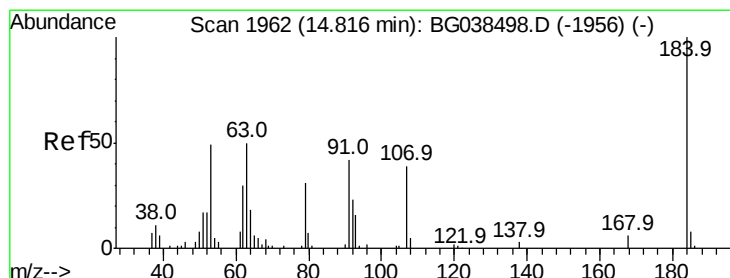
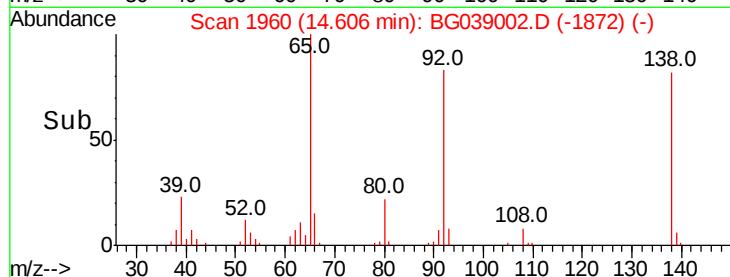
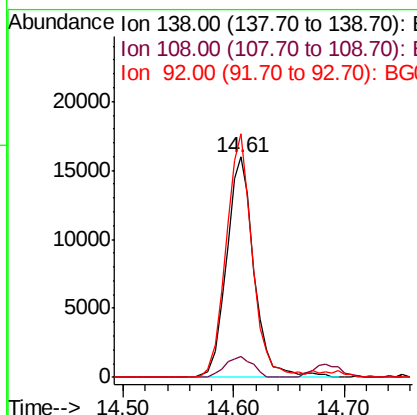
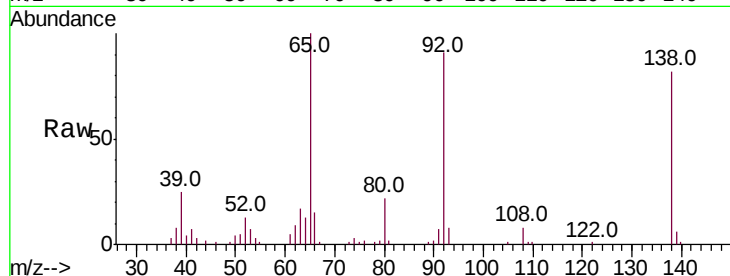
#53
3-Nitroaniline
Concen: 19.388 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	110.6	95.3	142.9

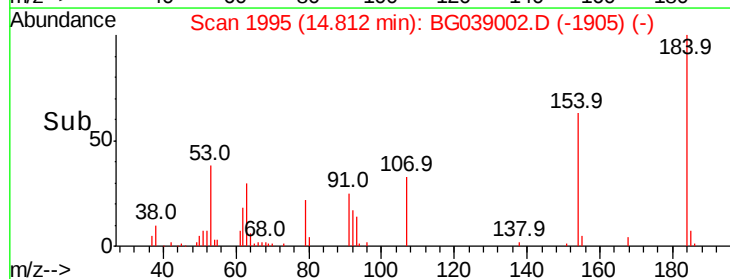
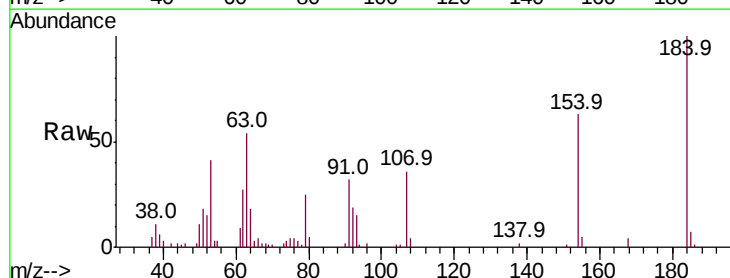
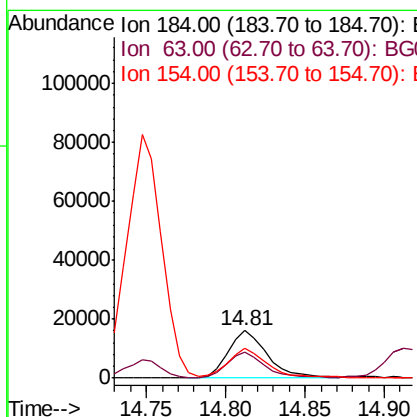
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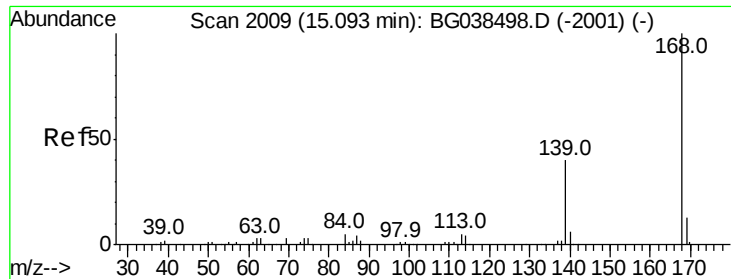
Sohil
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#54
2,4-Dinitrophenol
Concen: 35.888 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.4	47.0	70.6
154	63.3	50.3	75.5





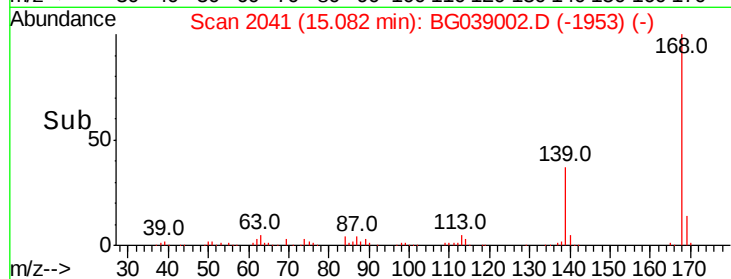
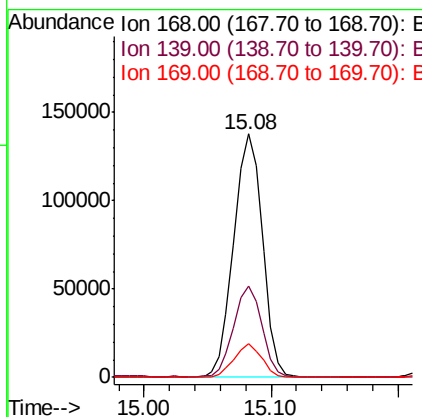
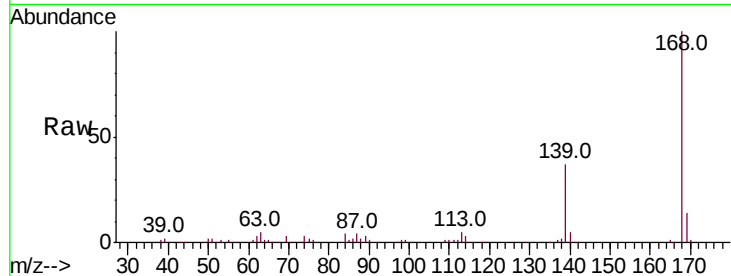
#55
Dibenzenofuran
Concen: 28.836 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	32.2	48.2
169	13.7	10.6	16.0

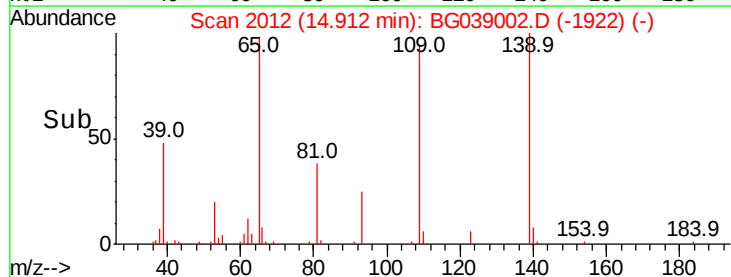
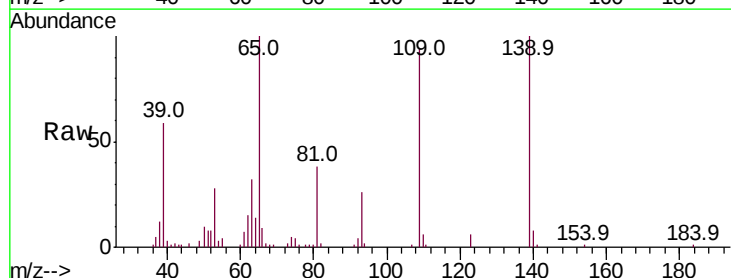
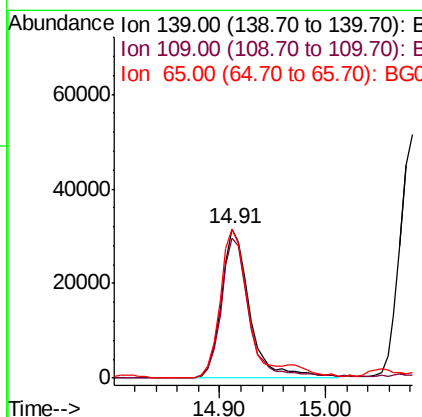
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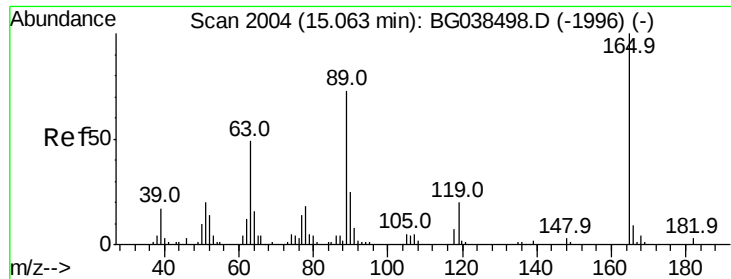
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#56
4-Nitrophenol
Concen: 54.374 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.6	73.6	113.6
65	99.7	84.8	124.8





#57

2,4-Dinitrotoluene

Concen: 29.357 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

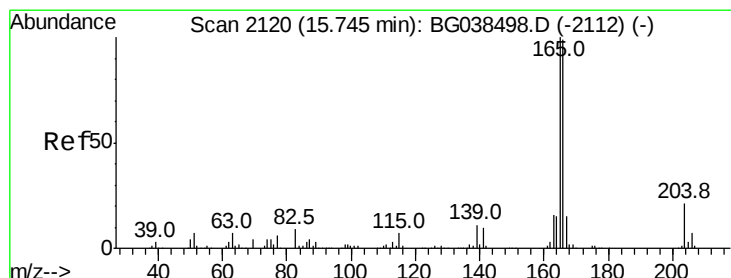
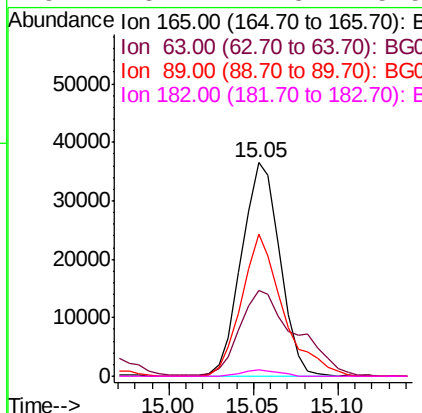
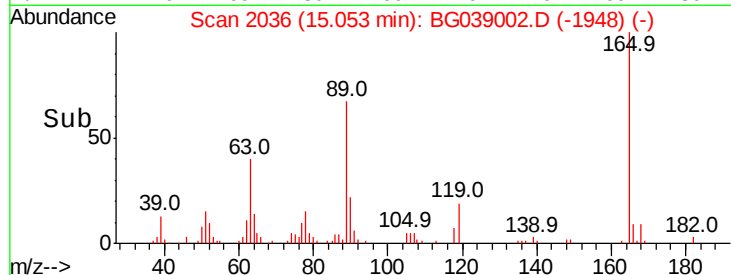
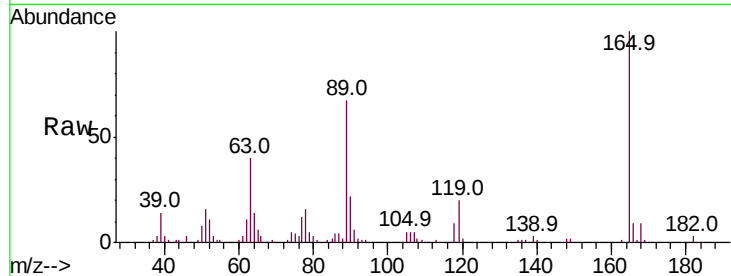
ClientSampleId :

W12-7MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.2	39.0	58.4	
89	66.5	58.0	87.0	
182	3.1	2.3	3.5	

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#58

Fluorene

Concen: 31.407 ng

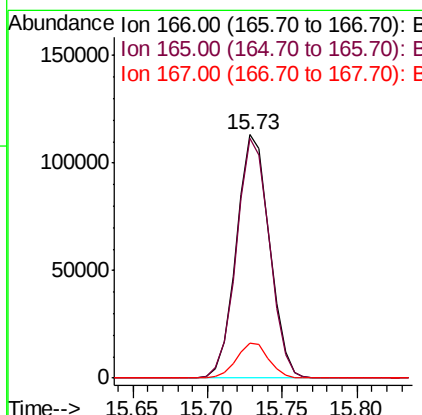
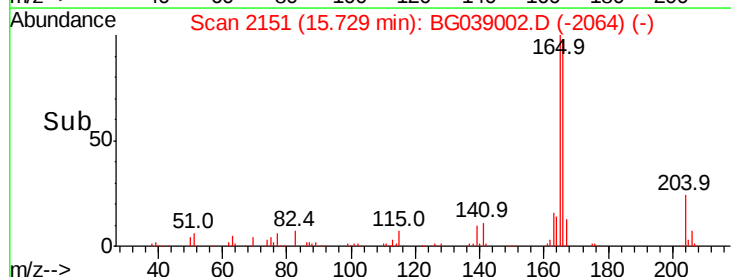
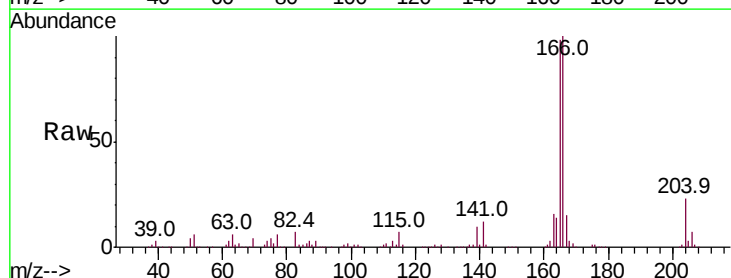
RT: 15.73 min Scan# 2151

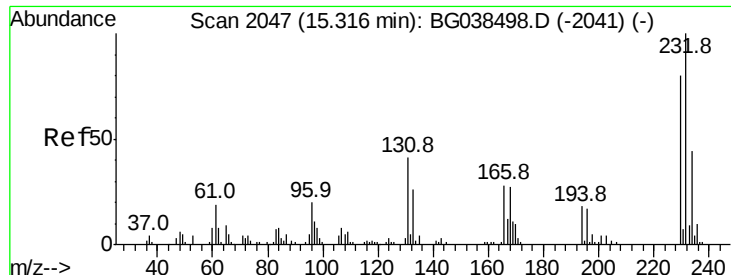
Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	80.6	120.8	
167	14.6	12.0	18.0	





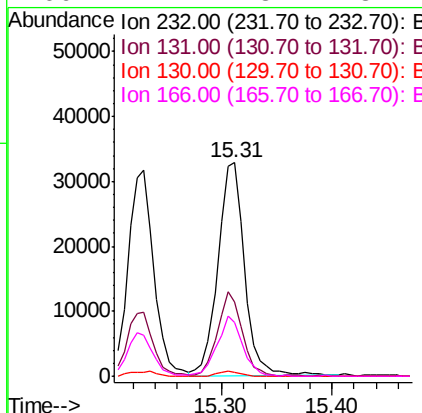
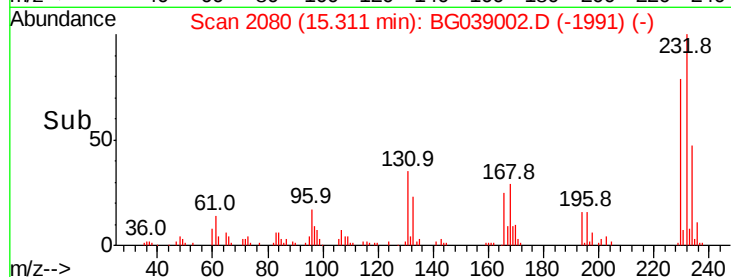
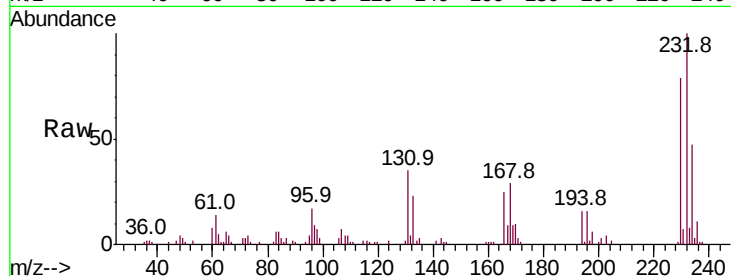
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.899 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampleID :
 W12-7MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.9	33.0	49.4
130	2.0	2.0	3.0
166	27.2	23.1	34.7

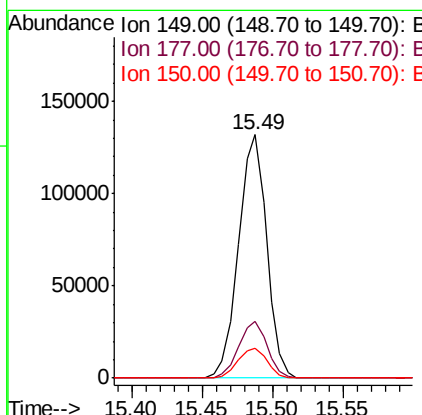
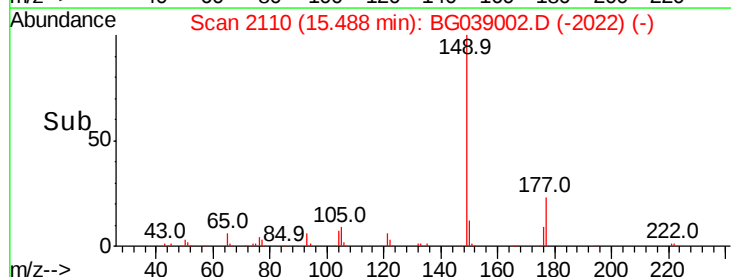
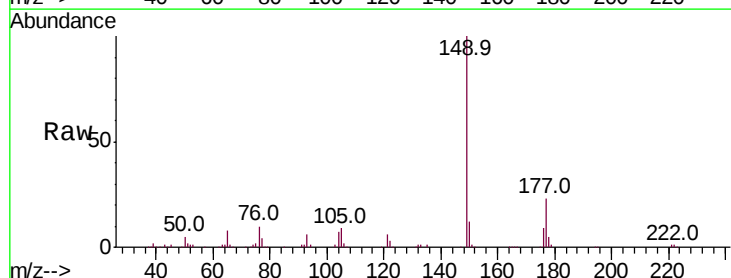
Manual Integrations
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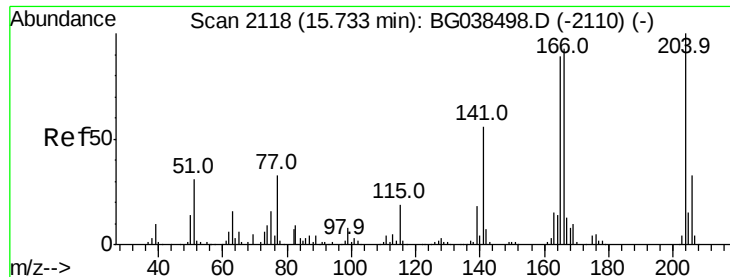
Sohil
 1/9/2019 11:28:14 AM



#60
 Diethylphthalate
 Concen: 27.014 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	17.7	26.5
150	12.3	9.9	14.9





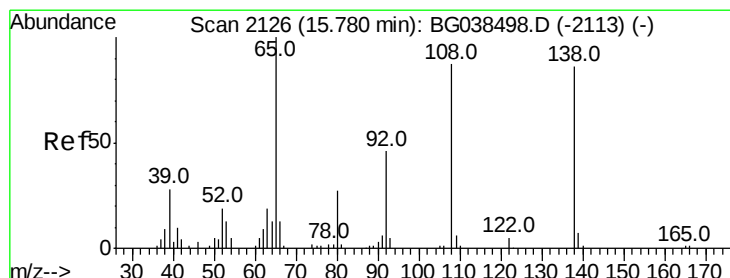
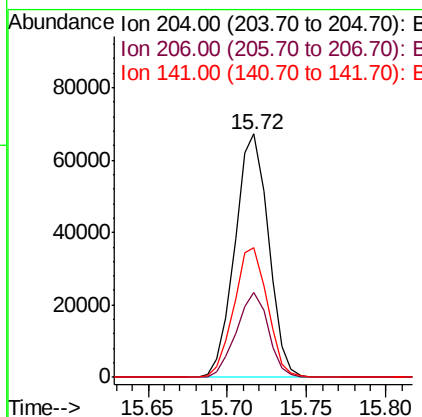
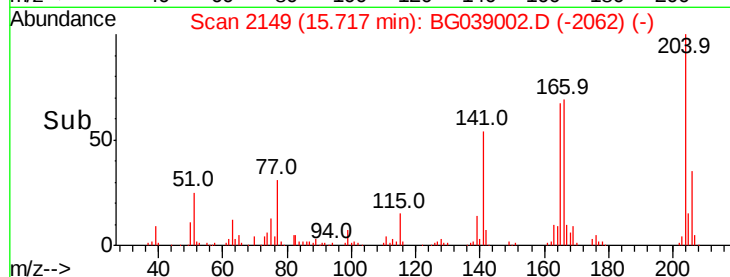
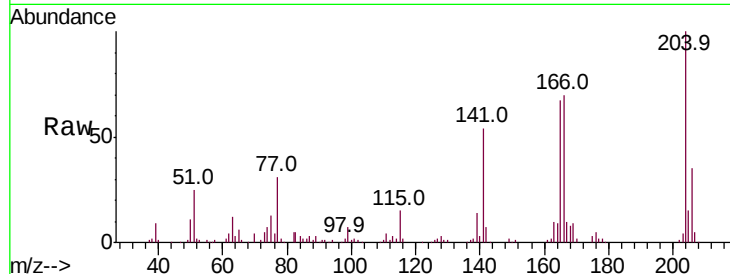
#61
 4-Chlorophenyl-phenylether
 Concen: 28.402 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampled :
 W12-7MS

Tot Ion:	204	Resp:	98622
Ion Ratio	Lower	Upper	
204	100		
206	34.7	26.0	39.0
141	53.5	44.4	66.6

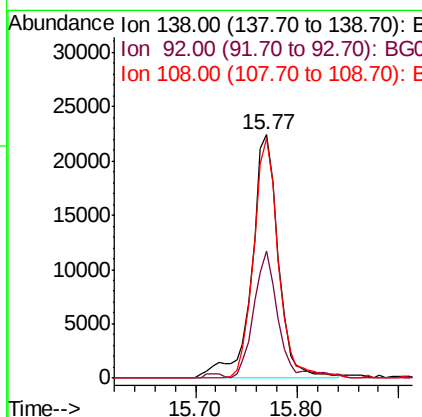
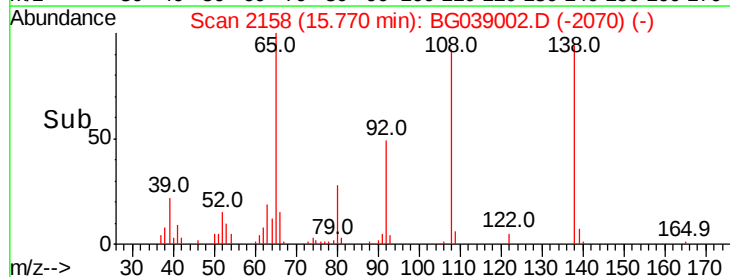
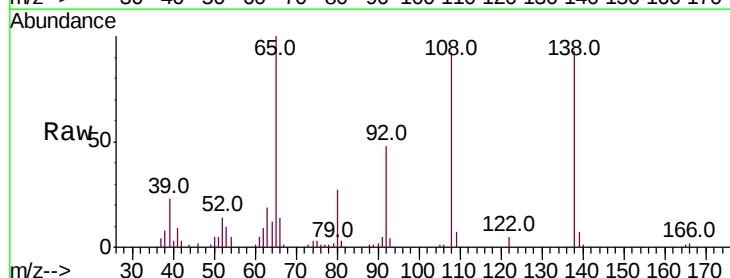
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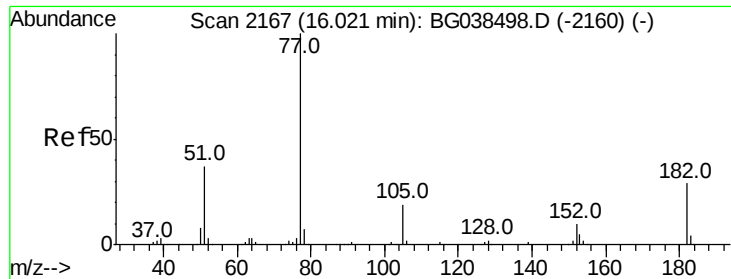
Sohil
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#62
 4-Nitroaniline
 Concen: 27.650 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion:	138	Resp:	40652
Ion Ratio	Lower	Upper	
138	100		
92	52.1	33.3	73.3
108	98.5	81.4	121.4





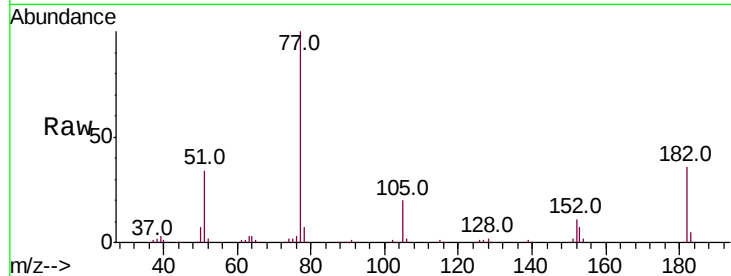
#63
Azobenzene
Concen: 24.528 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampled :
W12-7MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	35.9	8.7	48.7
105	20.3	0.0	38.7
51	33.6	16.6	56.6

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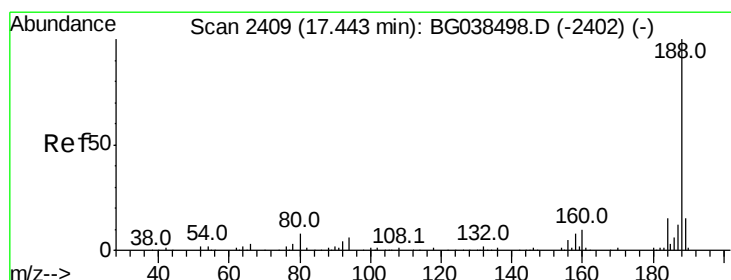
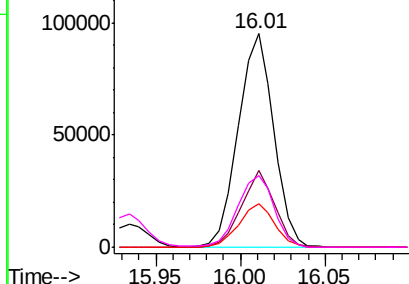
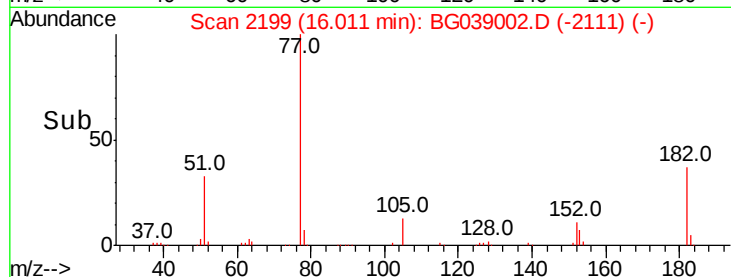
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

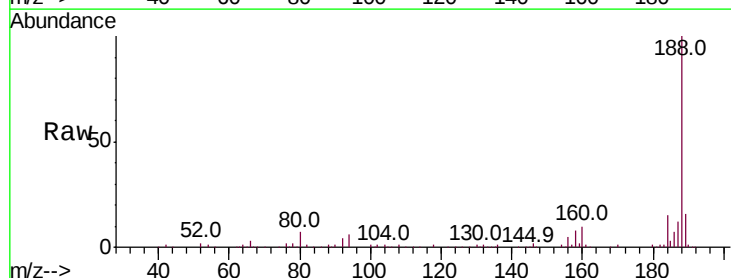
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	6.7	6.1	9.1

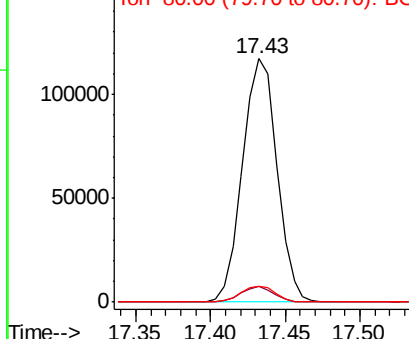
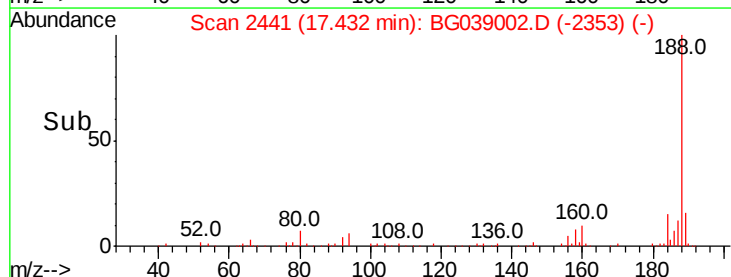


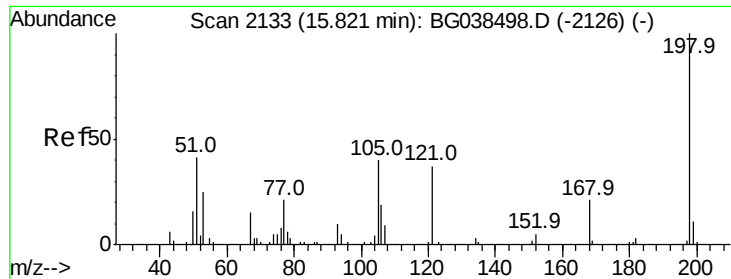
Abundance

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: 25.201 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampled :

W12-7MS

Tot Ion:198 Resp: 33707

Ion Ratio Lower Upper

198 100

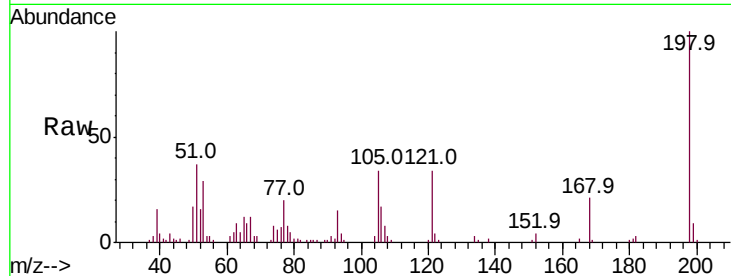
51 36.6 28.6 68.6

105 33.5 20.4 60.4

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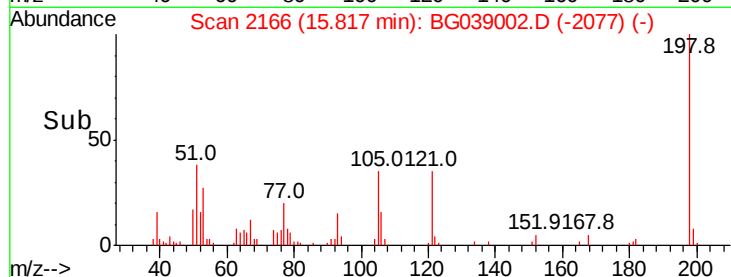


Abundance Ion 198.00 (197.70 to 198.70): E

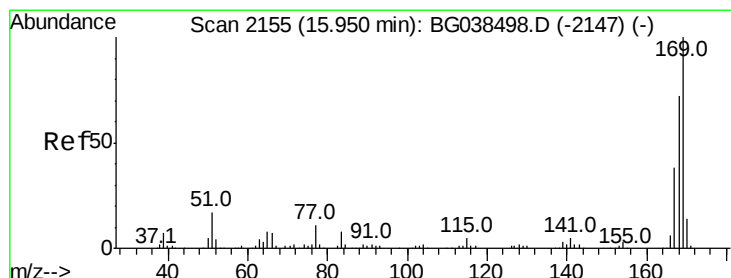
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#66

n-Nitrosodiphenylamine

Concen: 29.147 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

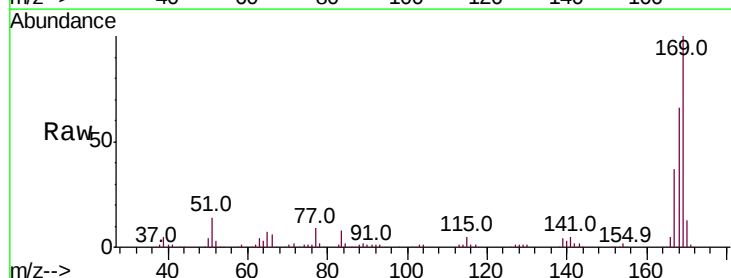
Tgt Ion:169 Resp: 160575

Ion Ratio Lower Upper

169 100

168 66.3 57.5 86.3

167 37.1 30.2 45.2

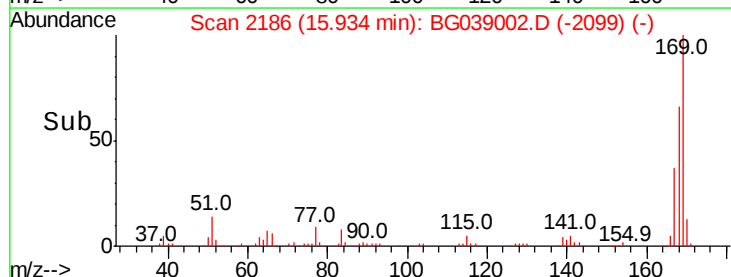


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#67

4-Bromophenyl-phenylether

Concen: 28.384 ng

RT: 16.61 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

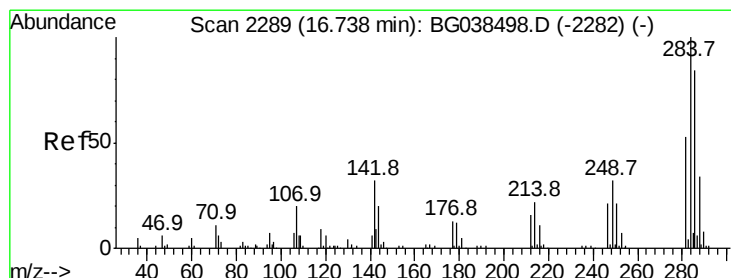
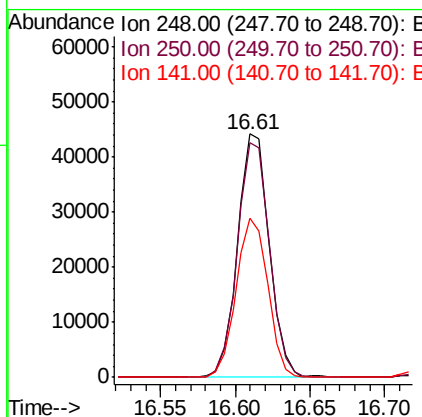
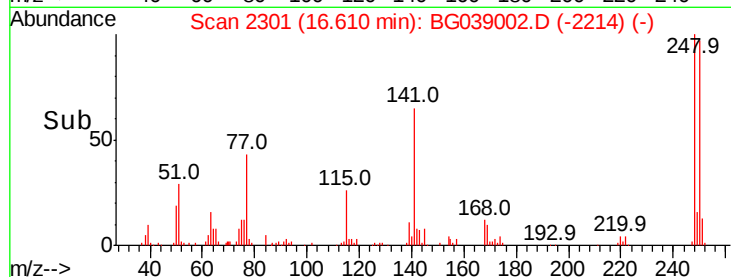
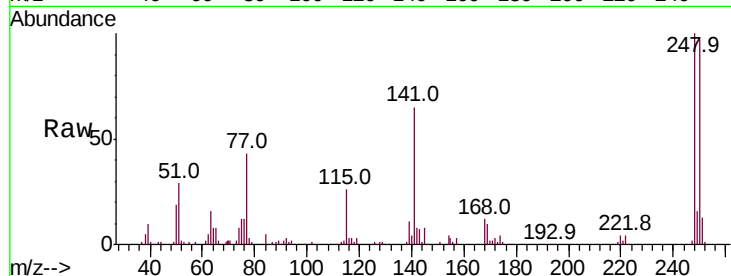
ClientSampleId :

W12-7MS

Tot Ion:	248	Resp:	64996
Ion Ratio	Lower	Upper	
248	100		
250	96.5	73.4	110.2
141	65.5	52.9	79.3

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#68

Hexachlorobenzene

Concen: 29.388 ng

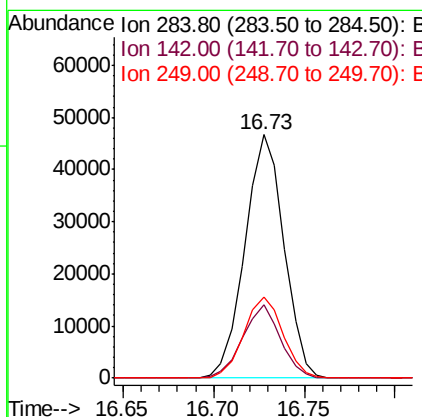
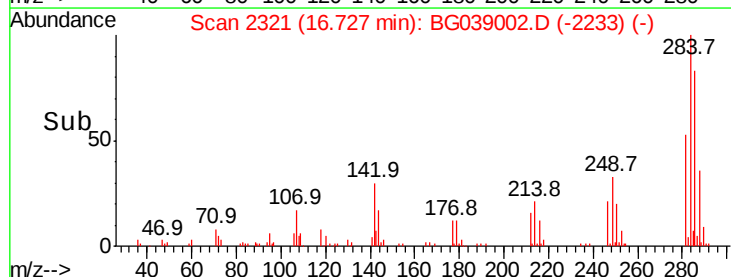
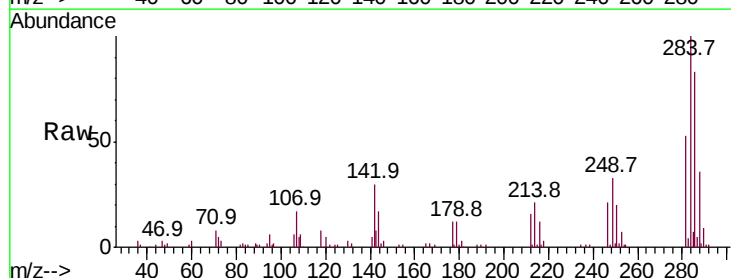
RT: 16.73 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:	284	Resp:	69758
Ion Ratio	Lower	Upper	
284	100		
142	30.0	25.8	38.6
249	35.8	27.0	40.4





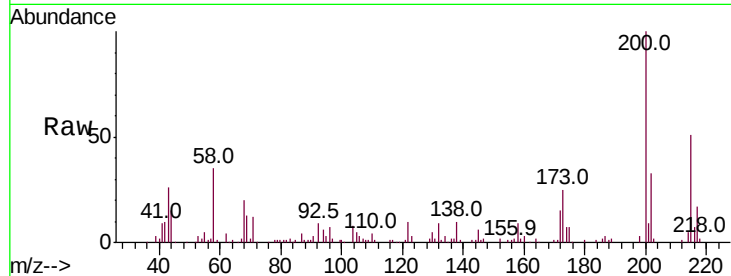
#69
Atrazine
Concen: 32.692 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

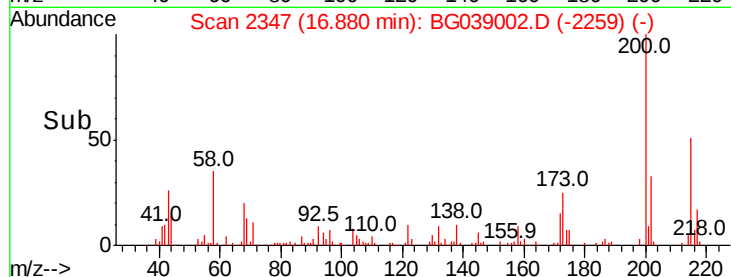
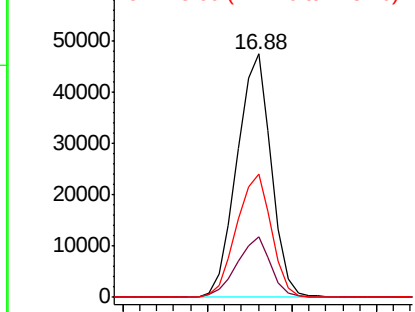
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	5.9	45.9
215	50.8	33.1	73.1

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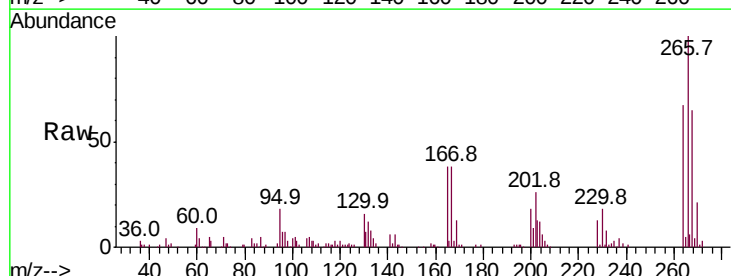


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

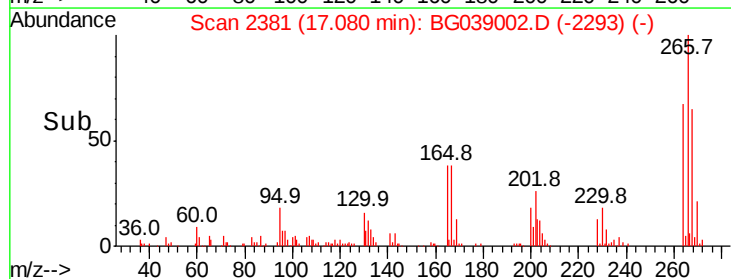
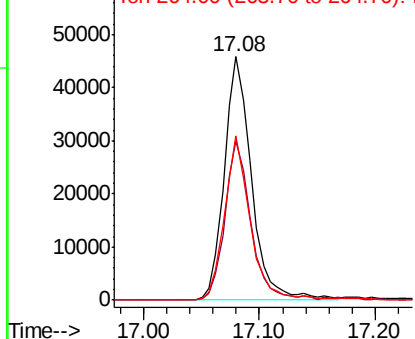


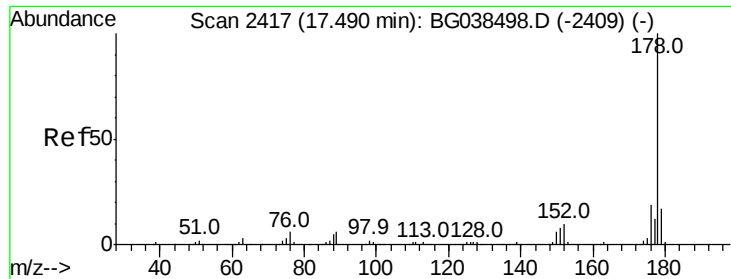
#70
Pentachlorophenol
Concen: 53.409 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.5	55.0	82.6
264	67.3	56.7	85.1



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





#71

Phenanthrene

Concen: 30.362 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

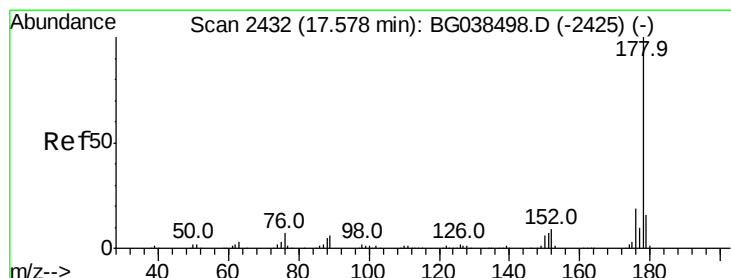
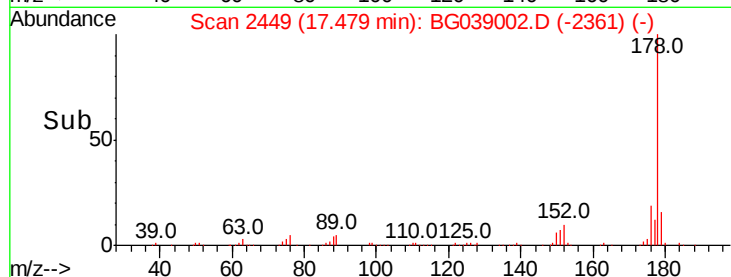
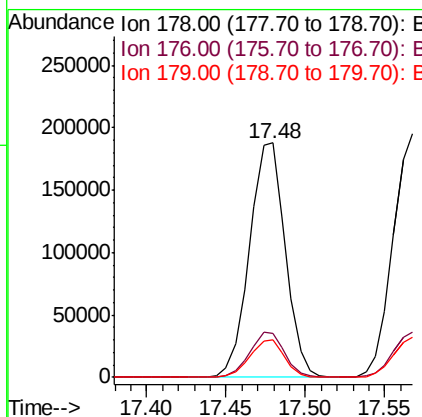
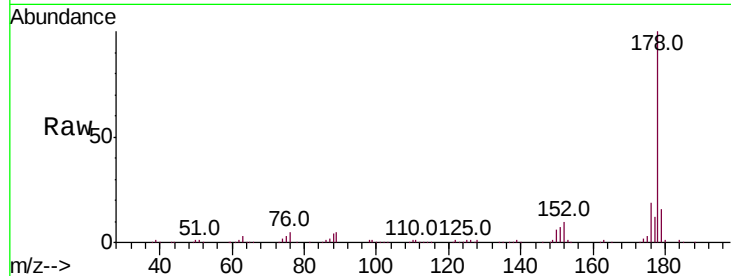
ClientSampled :

W12-7MS

Tot Ion:	178	Resp:	295203
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.1	22.7
179	16.2	13.2	19.8

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#72

Anthracene

Concen: 31.184 ng

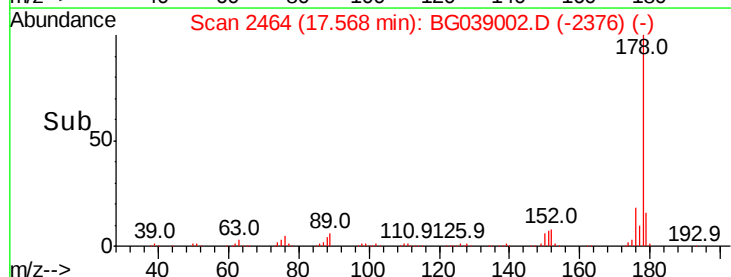
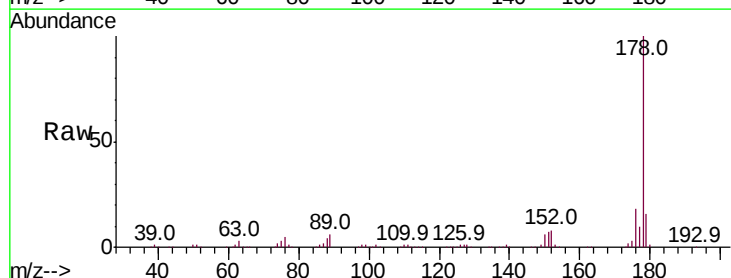
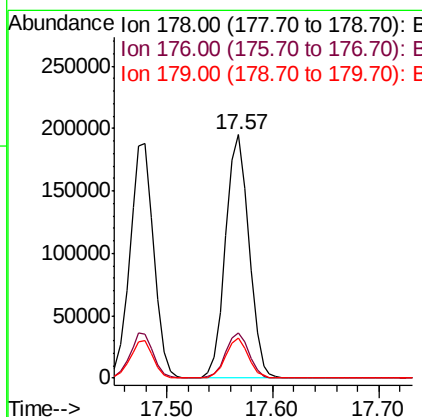
RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:	178	Resp:	299322
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.1	22.7
179	16.4	12.9	19.3





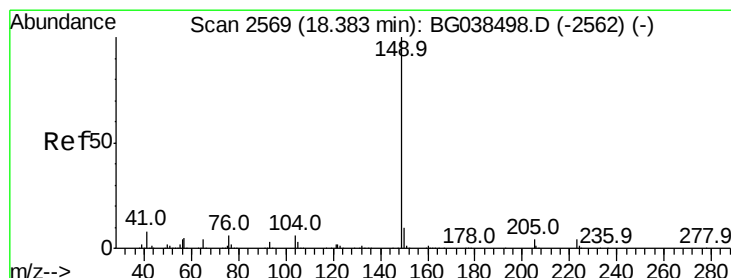
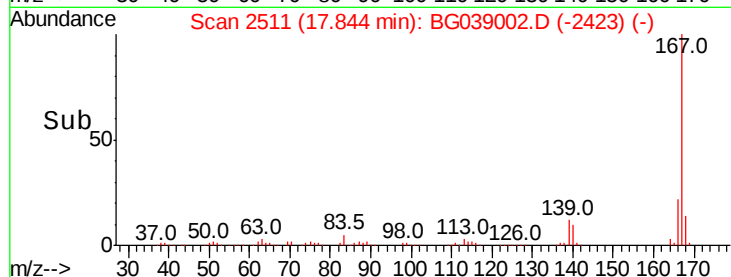
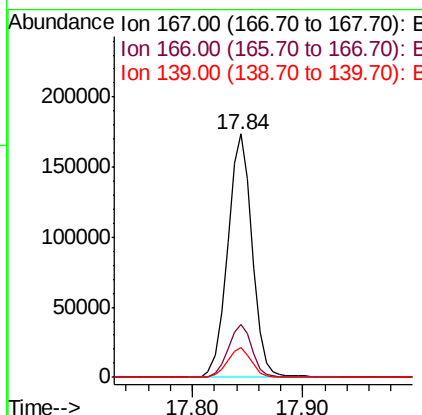
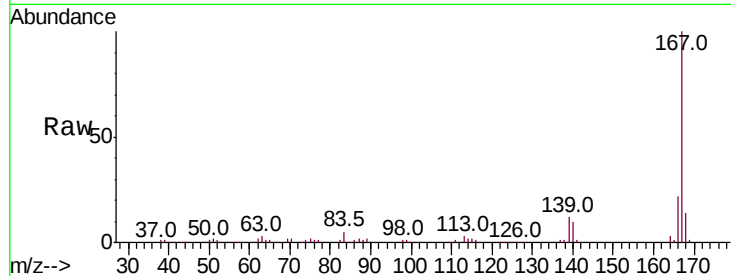
#73
 Carbazole
 Concen: 28.387 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :
 W12-7MS

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	21.6	17.9	26.9
139	12.3	10.2	15.2

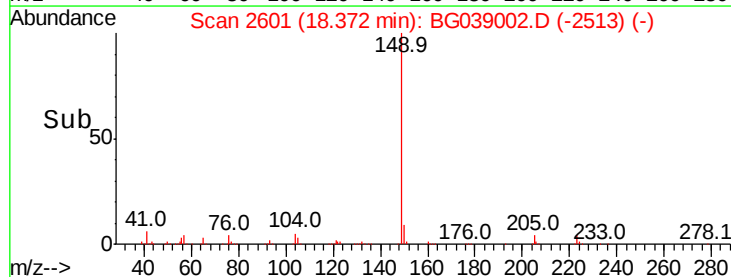
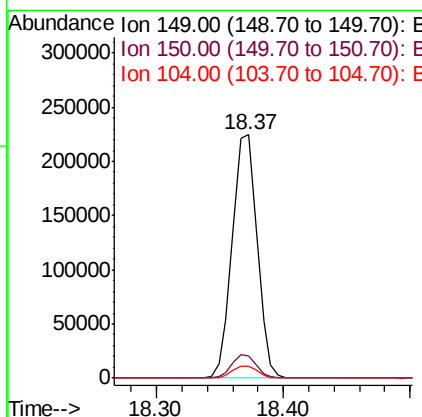
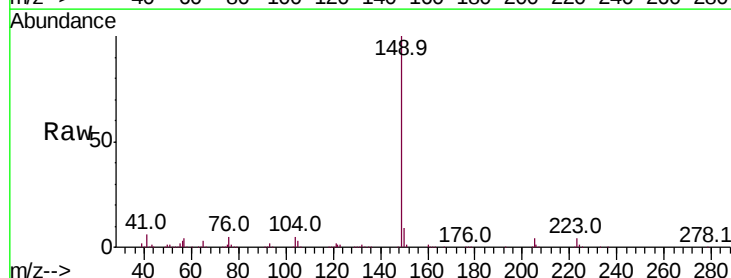
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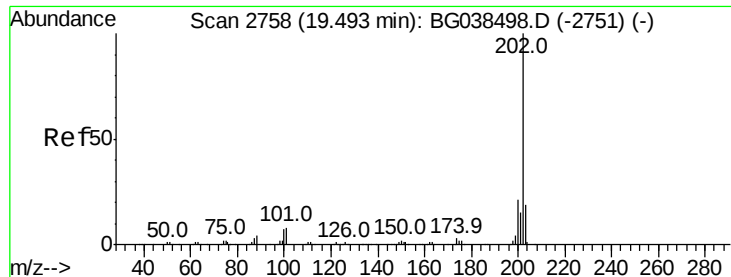
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#74
 Di-n-butylphthalate
 Concen: 27.939 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.0	7.6	11.4
104	4.8	5.0	7.4#





#75

Fluoranthene

Concen: 30.451 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

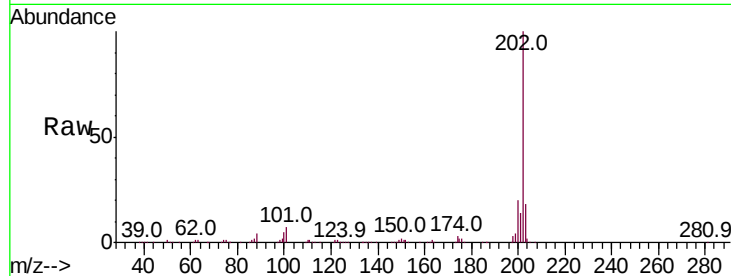
ClientSampleId :

W12-7MS

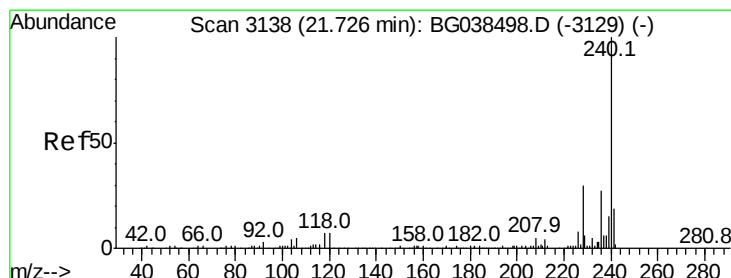
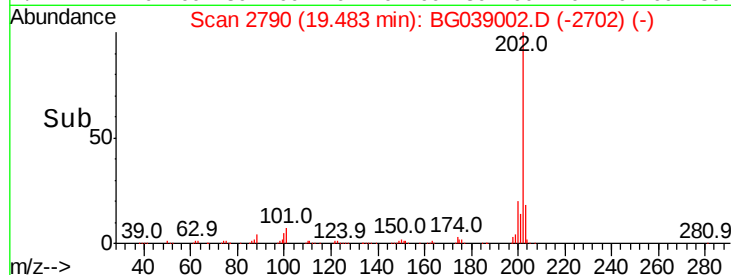
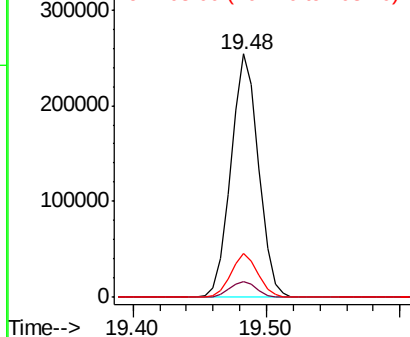
Tot Ion:	202	Resp:	366329
Ion Ratio		Lower	Upper
202	100		
101	6.5	0.0	28.1
203	18.3	0.0	39.0

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

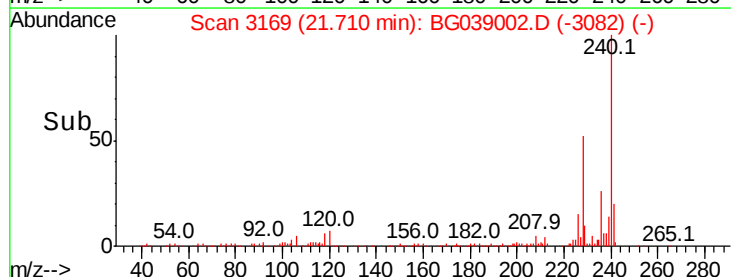
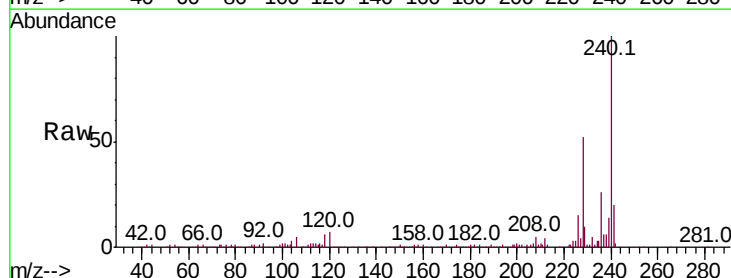
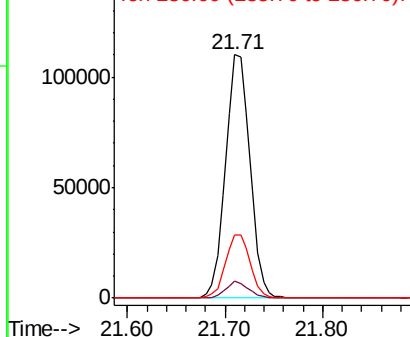
Delta R.T. -0.02 min

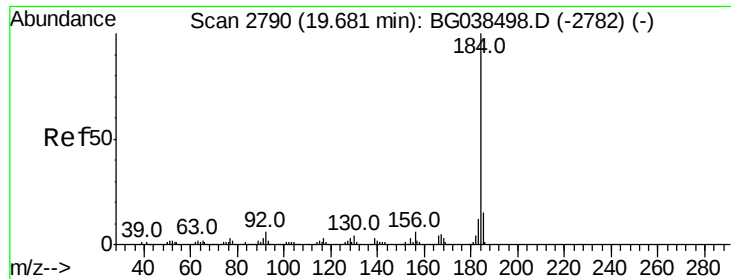
Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:	240	Resp:	192001
Ion Ratio		Lower	Upper
240	100		
120	6.9	5.3	7.9
236	26.2	21.4	32.2

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





#77

Benzidine

Concen: 25.182 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

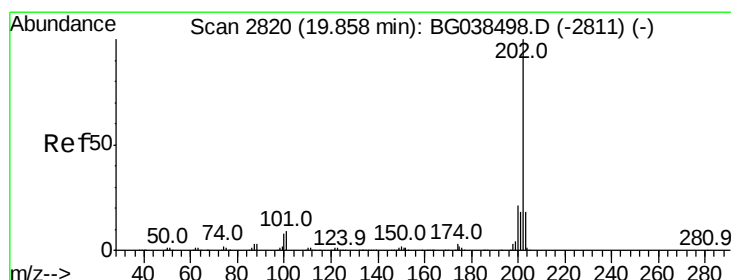
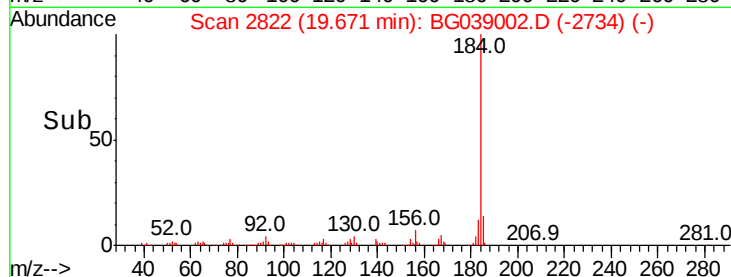
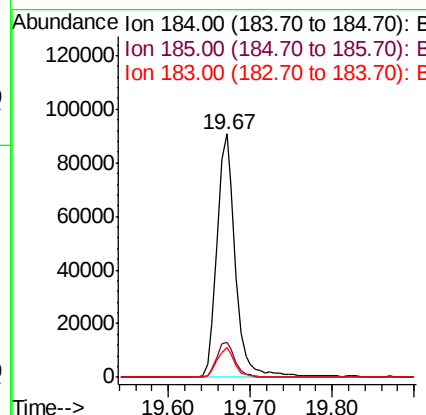
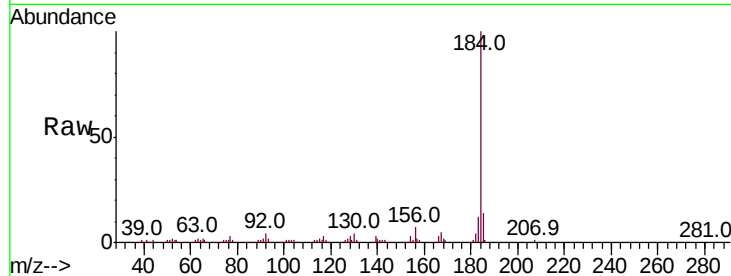
ClientSampleId :

W12-7MS

Tot Ion:	184	Resp:	142992
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.2	18.2
183	12.4	9.6	14.4

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#78

Pyrene

Concen: 28.976 ng

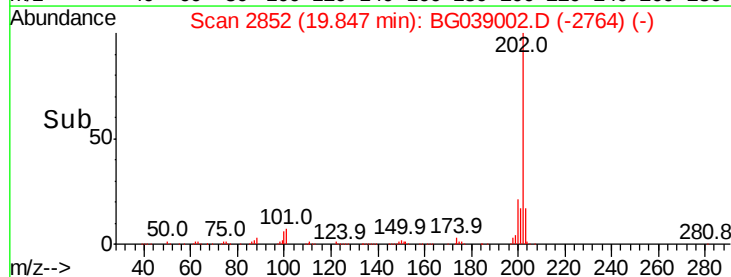
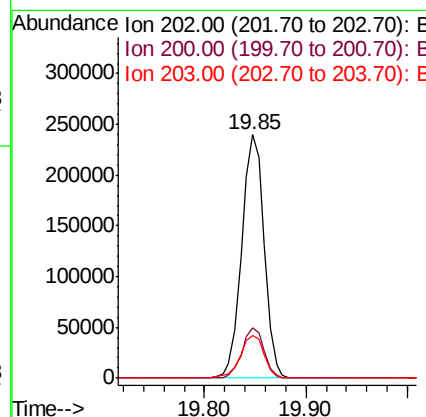
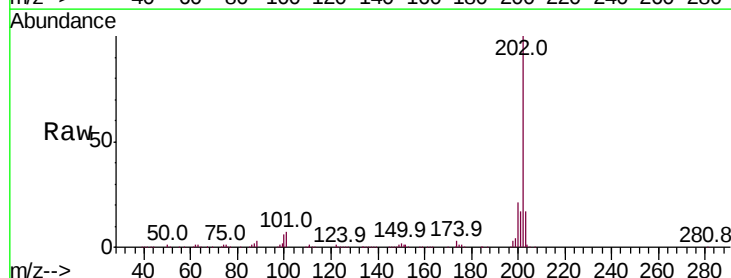
RT: 19.85 min Scan# 2852

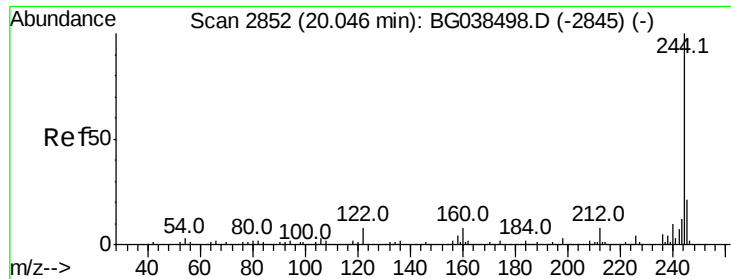
Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:	202	Resp:	367536
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	25.0
203	17.3	14.6	21.8





#79

Terphenyl-d14

Concen: 67.048 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

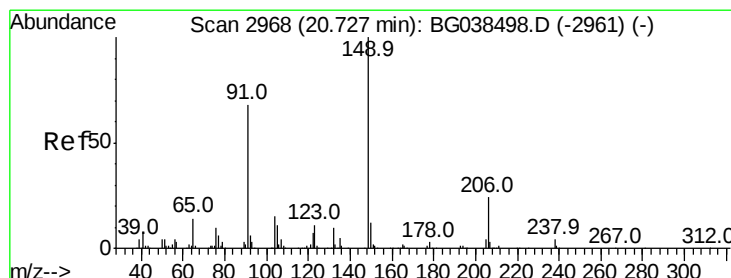
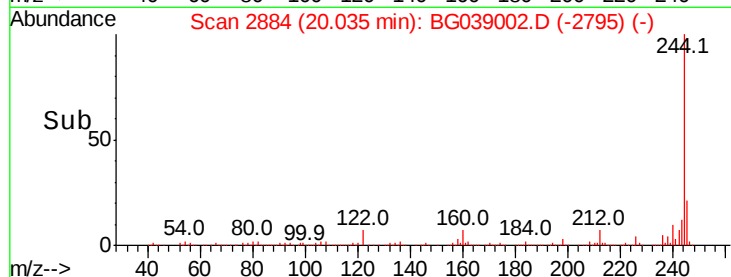
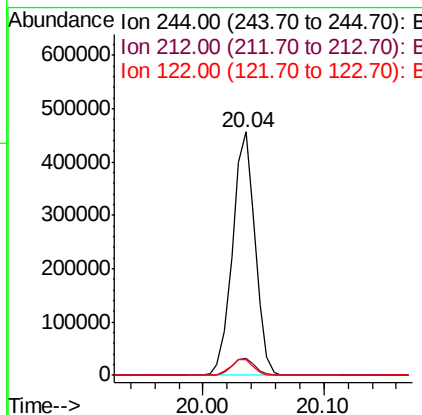
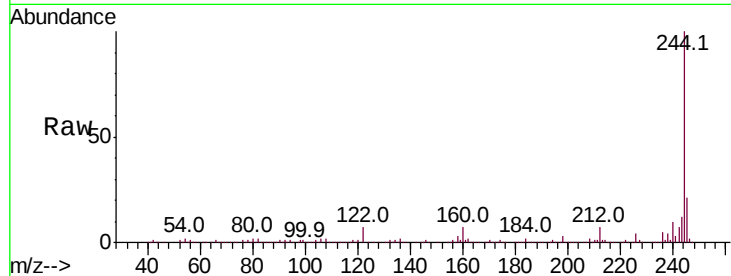
ClientSampleId :

W12-7MS

Tot Ion:	244	Resp:	591509
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.2	9.2
122	6.7	6.3	9.5

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#80

Butylbenzylphthalate

Concen: 27.255 ng

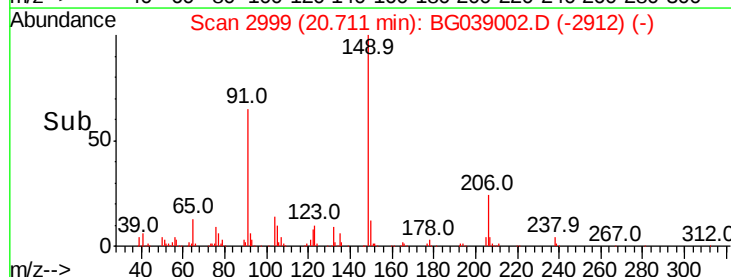
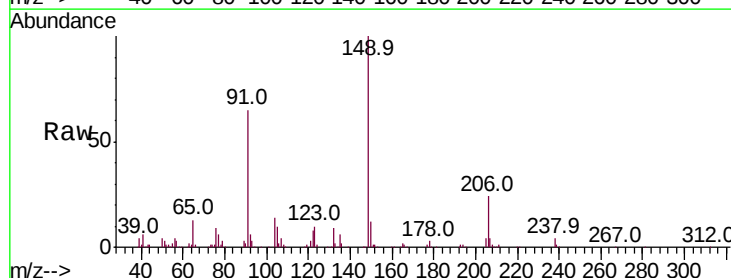
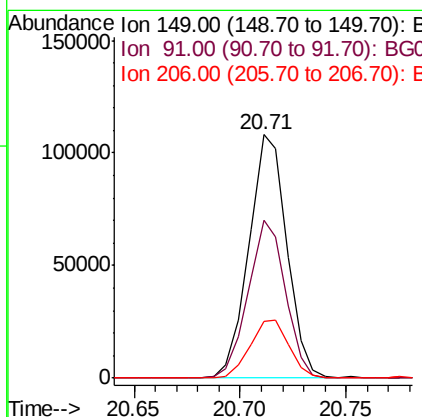
RT: 20.71 min Scan# 2999

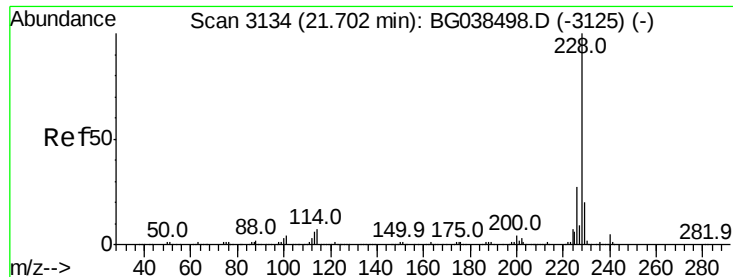
Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:	149	Resp:	135061
Ion Ratio	Lower	Upper	
149	100		
91	64.8	54.5	81.7
206	23.5	19.0	28.6





#81

Benzo(a)anthracene

Concen: 30.259 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

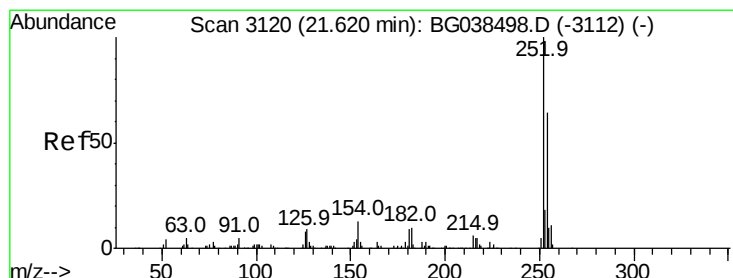
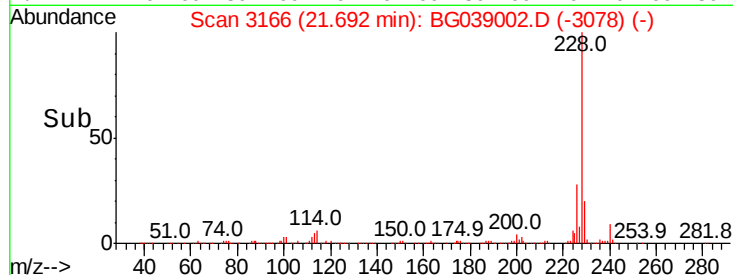
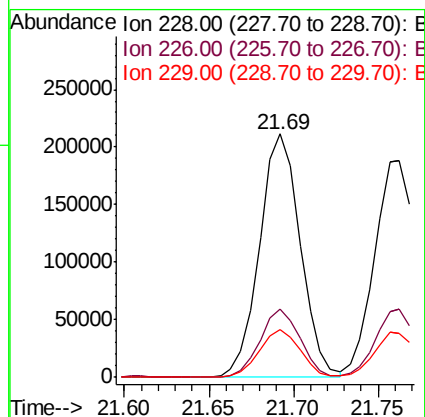
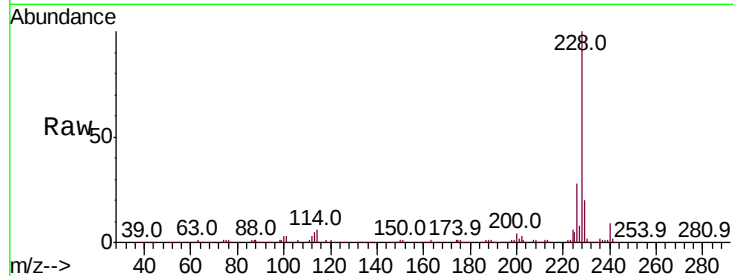
ClientSampleId :

W12-7MS

Tot Ion:	228	Resp:	354020
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.8	32.8
229	19.6	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 19.226 ng

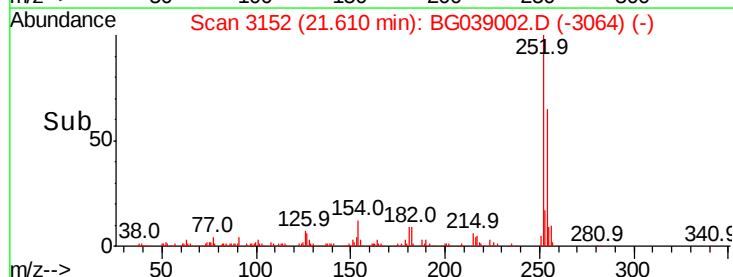
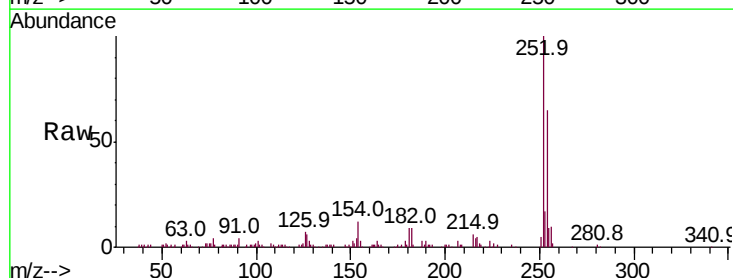
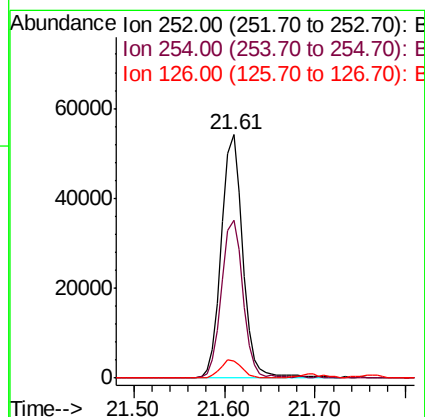
RT: 21.61 min Scan# 3152

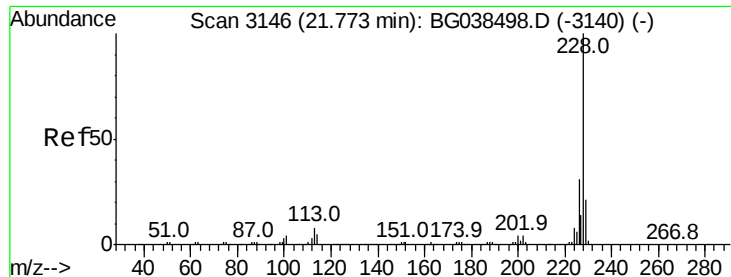
Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:	252	Resp:	89210
Ion Ratio	Lower	Upper	
252	100		
254	64.7	50.9	76.3
126	6.8	6.3	9.5





#83

Chrysene

Concen: 28.835 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

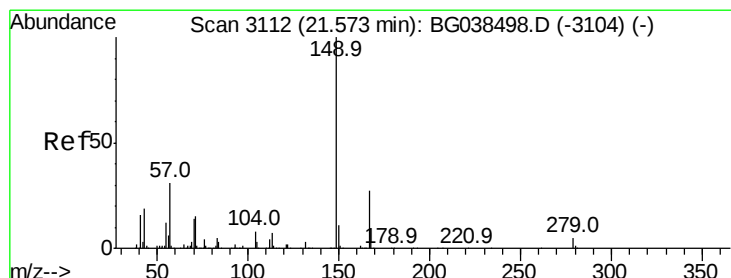
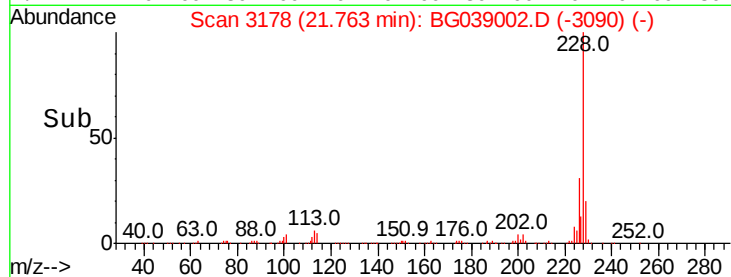
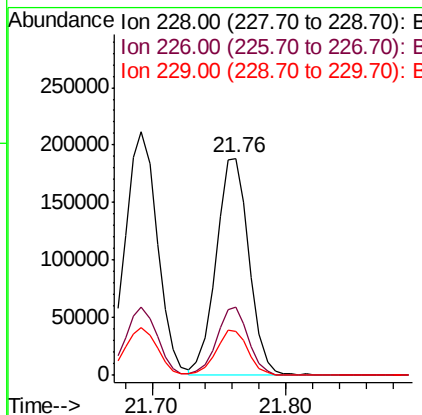
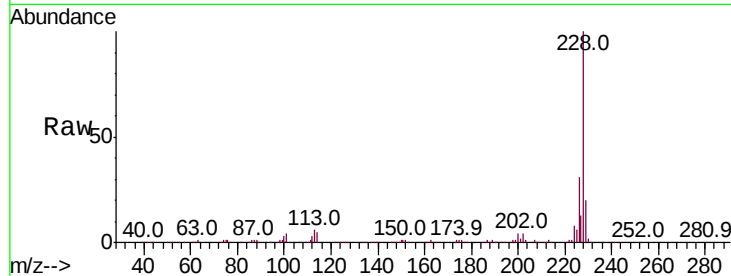
ClientSampled :

W12-7MS

Tot Ion:	228	Resp:	324939
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.4
229	20.4	16.5	24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 27.413 ng

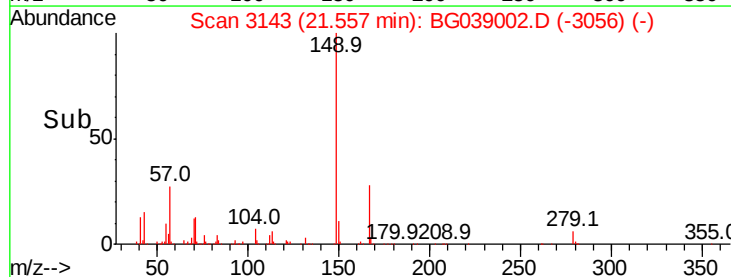
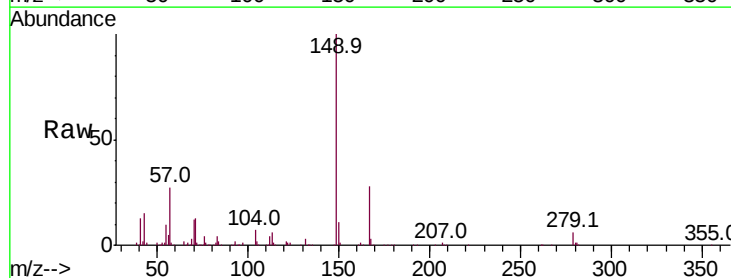
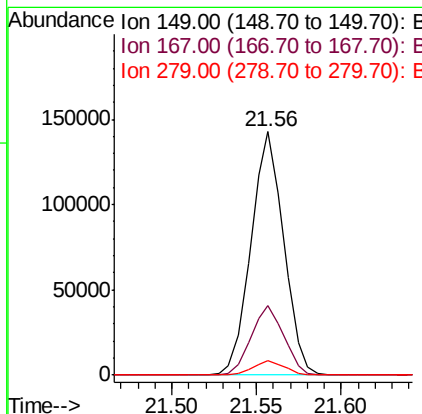
RT: 21.56 min Scan# 3143

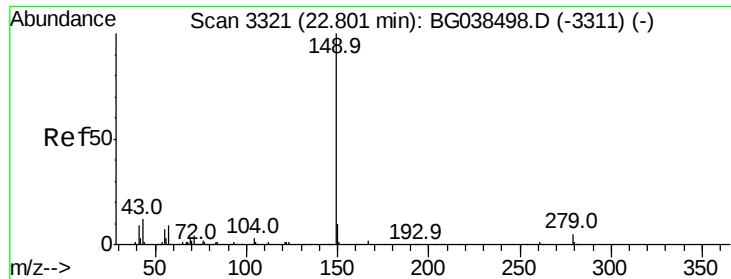
Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:	149	Resp:	192669
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.9	32.9
279	5.7	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 28.211 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

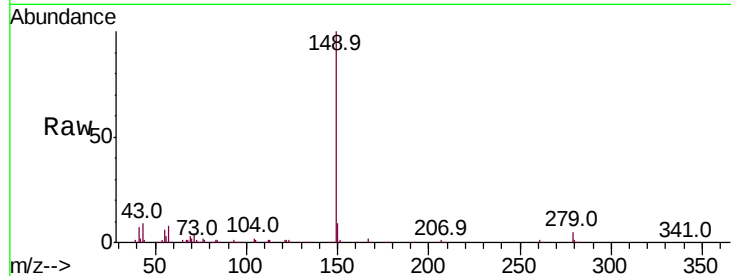
ClientSampleId :

W12-7MS

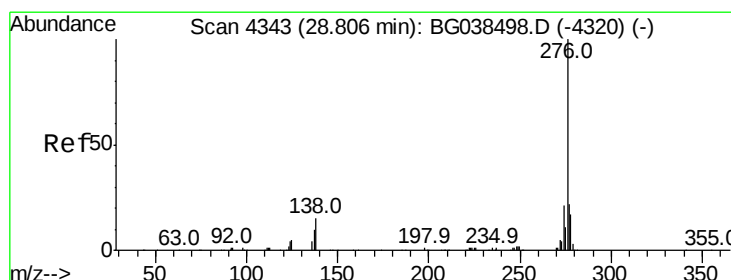
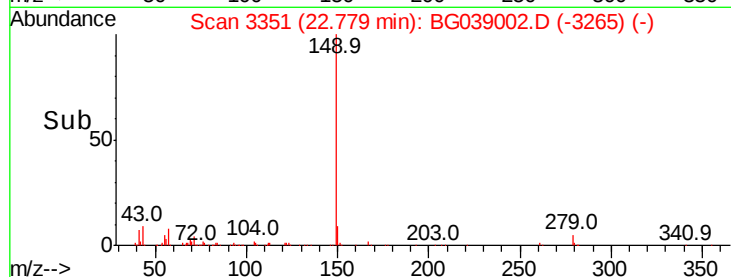
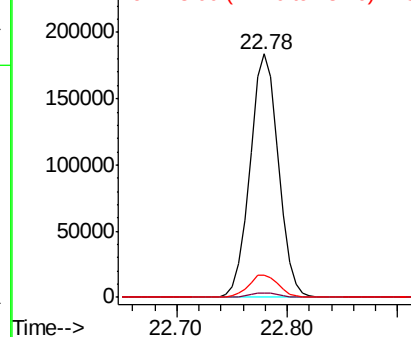
Tot Ion:	149	Resp:	332060
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	9.3	9.3	13.9

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 29.645 ng

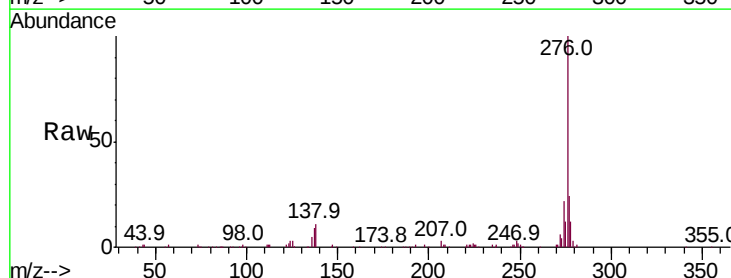
RT: 28.77 min Scan# 4371

Delta R.T. -0.03 min

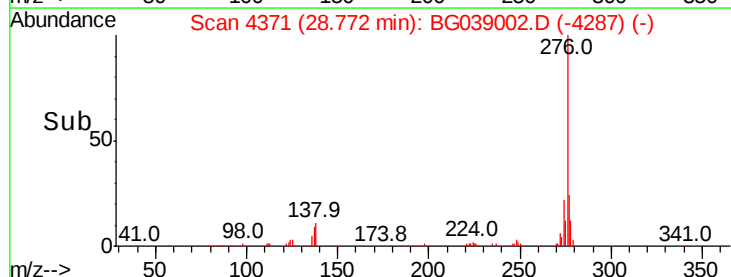
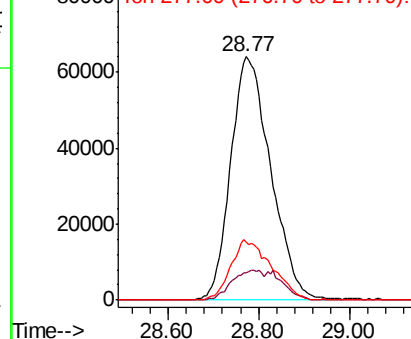
Lab File: BG039002.D

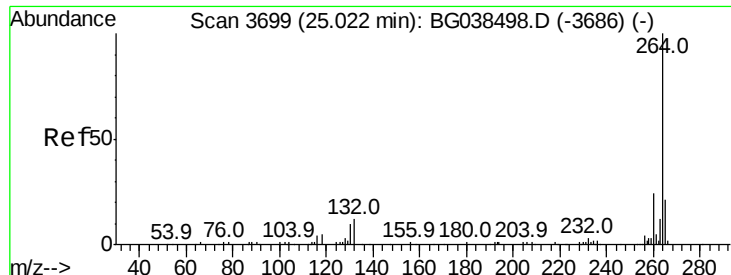
Acq: 8 Jan 2019 20:31

Tgt Ion:	276	Resp:	392748
Ion Ratio	Lower	Upper	
276	100		
138	9.6	14.4	21.6#
277	25.2	0.0	0.0#



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





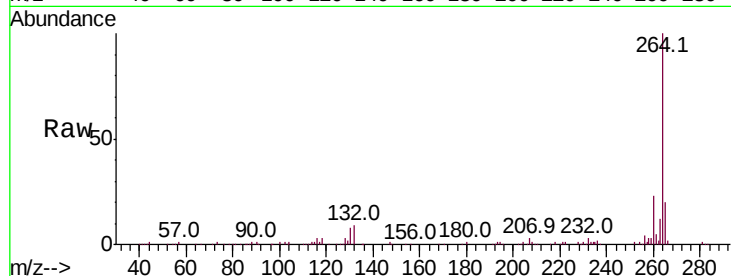
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	19.7	17.0	25.4

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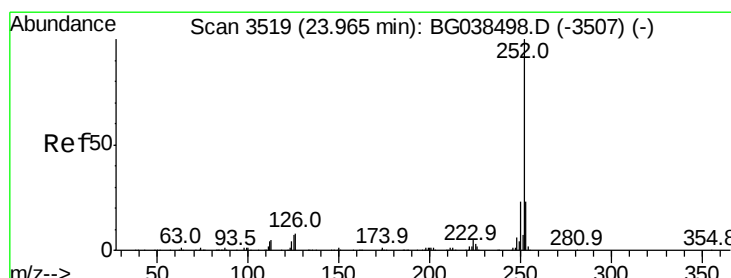
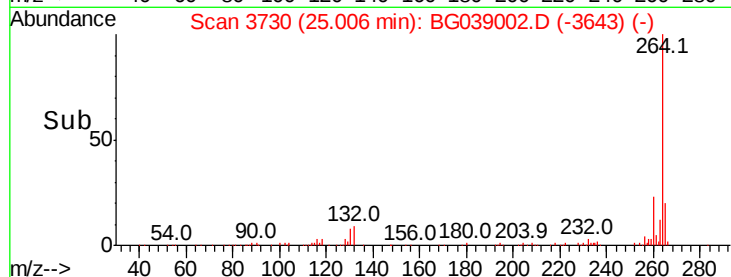
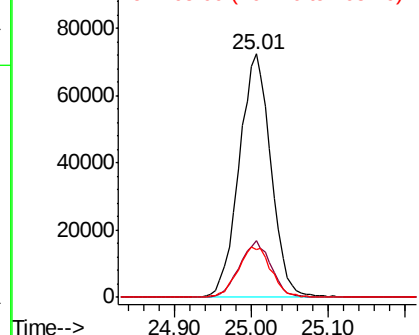


Abundance

Ion 264.00 (263.70 to 264.70): E

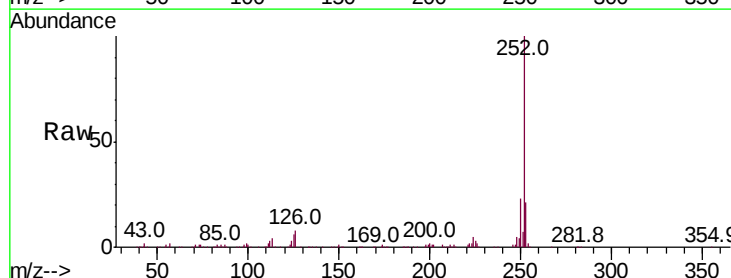
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 30.144 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	5.5	5.5	8.3

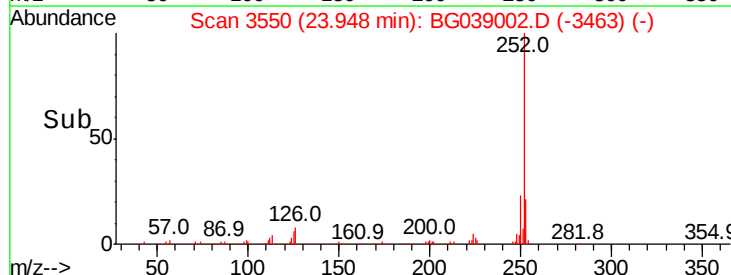
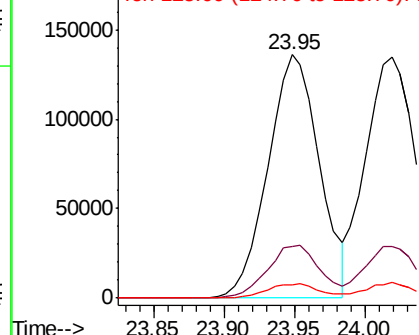


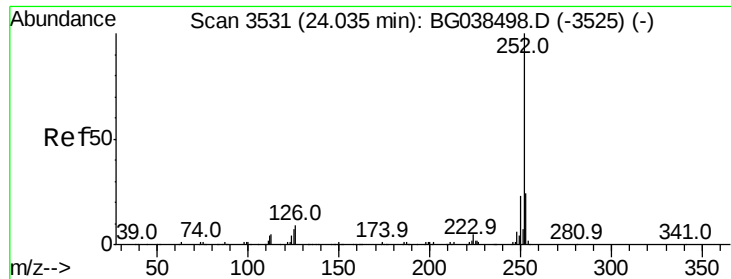
Abundance

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





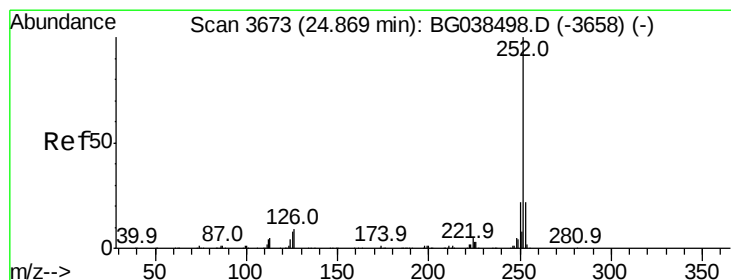
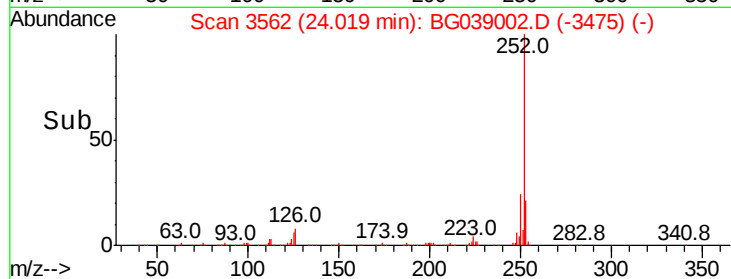
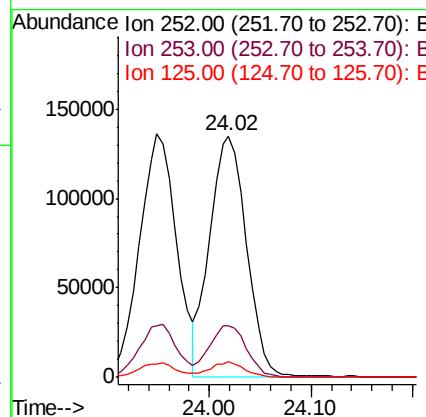
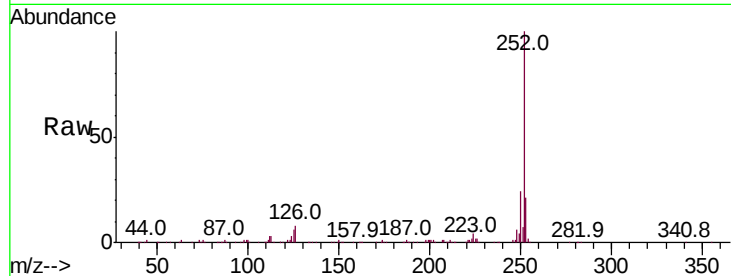
#89
Benzo(k)fluoranthene
Concen: 29.569 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampled :
W12-7MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.9	28.3
125	6.3	5.4	8.2

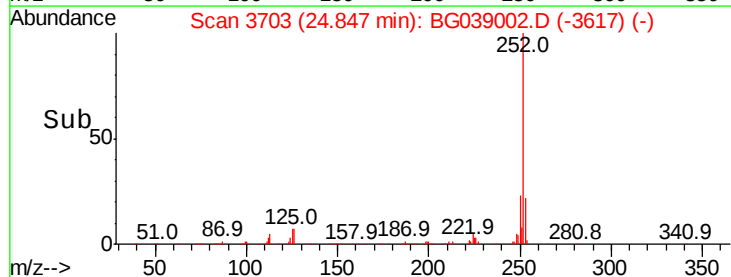
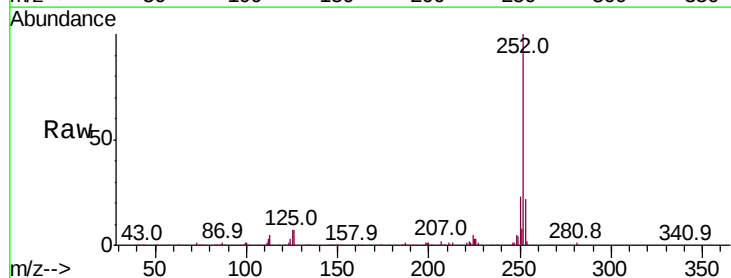
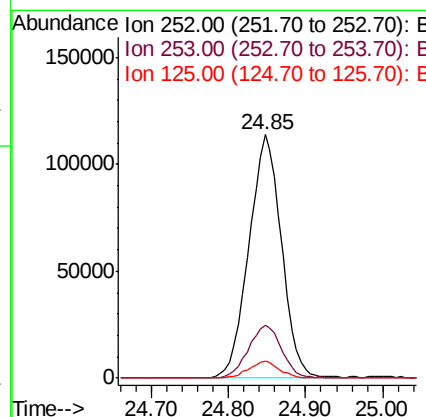
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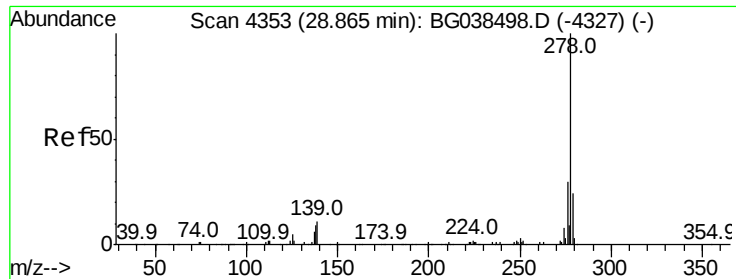
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#90
Benzo(a)pyrene
Concen: 30.452 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	7.1	6.4	9.6





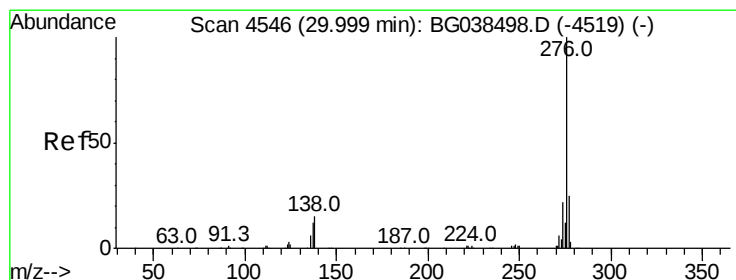
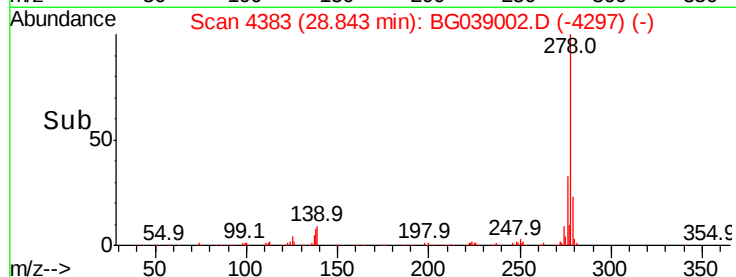
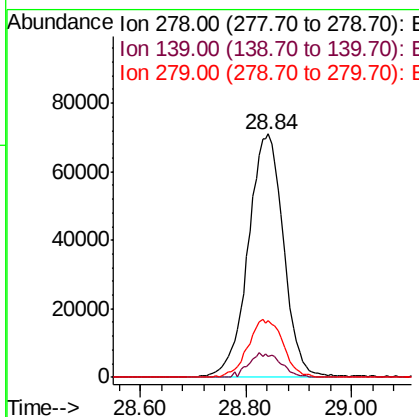
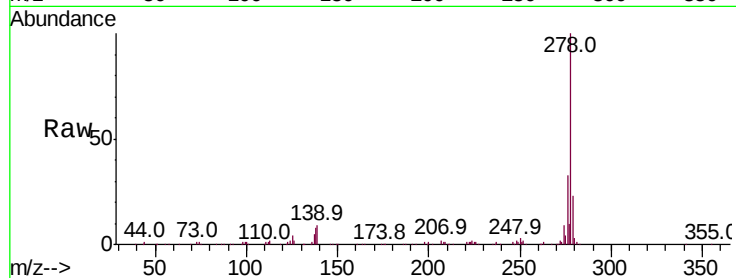
#91
Dibenzo(a,h)anthracene
Concen: 29.734 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :
W12-7MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	8.6	12.8
279	23.3	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 29.696 ng
RT: 29.98 min Scan# 4576
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.8	29.8
138	12.3	11.8	17.6

