

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039031.D
 Acq On : 9 Jan 2019 21:47
 Operator : JU/SJ
 Sample : K1082-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-4MS

Manual Integrations
 APPROVED

Sohil
 1/10/2019 3:15:25 PM

Quant Time: Jan 10 04:49:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	22114	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	96832	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	68923	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	176516	20.00	ng	0.00
76) Chrysene-d12	21.70	240	176398	20.00	ng	0.00
87) Perylene-d12	24.98	264	196356	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	23076	19.80	ng	0.00
7) Phenol-d6	7.19	99	38348	22.86	ng	0.00
23) Nitrobenzene-d5	9.21	82	29951	16.93	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	79095	68.46	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	143377	28.47	ng	0.00
79) Terphenyl-d14	20.03	244	652131	68.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	2283	5.001	ng	# 69
3) Pyridine	3.88	79	5563	4.485	ng	# 93
4) n-Nitrosodimethylamine	3.80	42	3689	6.609	ng	# 78
6) Aniline	7.36	93	13471	6.686	ng	98
8) 2-Chlorophenol	7.59	128	9578	6.970	ng	86
9) Benzaldehyde	7.18	77	2434	2.516	ng	# 79
10) Phenol	7.22	94	13316	7.917	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	9318	7.248	ng	88
12) 1,3-Dichlorobenzene	7.92	146	9708	5.896	ng	98
13) 1,4-Dichlorobenzene	8.06	146	10128	6.074	ng	98
14) 1,2-Dichlorobenzene	8.38	146	10069	6.333	ng	96
15) Benzyl Alcohol	8.27	79	11244	8.900	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	19952	8.094	ng	95
17) 2-Methylphenol	8.47	107	10984	9.405	ng	89
18) Hexachloroethane	9.10	117	3244	5.727	ng	# 84
19) n-Nitroso-di-n-propylamine	8.83	70	13333	12.102	ng	95
20) 3+4-Methylphenols	8.80	107	17739	10.653	ng	90
22) Acetophenone	8.86	105	22365	8.844	ng	# 99
24) Nitrobenzene	9.25	77	14536	8.127	ng	# 97
25) Isophorone	9.76	82	43348	14.221	ng	98
26) 2-Nitrophenol	9.97	139	8375	8.657	ng	# 89
27) 2,4-Dimethylphenol	10.01	122	18508	13.598	ng	87
28) bis(2-Chloroethoxy)methane	10.24	93	22246	12.143	ng	100
29) 2,4-Dichlorophenol	10.50	162	18488	10.933	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	13482	6.636	ng	96
31) Naphthalene	10.90	128	46411	9.556	ng	99
32) Benzoic acid	10.18	122	966m	10.374	ng	
33) 4-Chloroaniline	11.02	127	26264	12.086	ng	97
34) Hexachlorobutadiene	11.16	225	9283	6.640	ng	93
35) Caprolactam	11.79	113	12789	18.861	ng	90
36) 4-Chloro-3-methylphenol	12.13	107	31454	17.392	ng	88
37) 2-Methylnaphthalene	12.50	142	48109	13.213	ng	96
38) 1-Methylnaphthalene	12.72	142	48441	13.860	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	30312	11.710	ng	99

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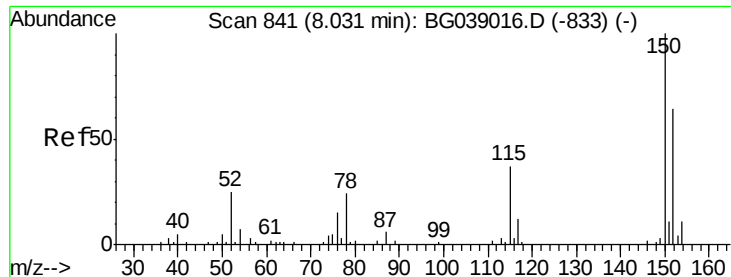
Manual Integrations
 APPROVED

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 1/10/2019 3:15:25 PM

Quant Time: Jan 10 04:49:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	18183	17.313	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	26544	16.294	nq	95
44) 2,4,5-Trichlorophenol	13.19	196	32210	18.707	nq	99
46) 1,1'-Biphenyl	13.50	154	78596	14.391	nq	99
47) 2-Chloronaphthalene	13.55	162	61947	14.017	nq	97
48) 2-Nitroaniline	13.77	65	23837	19.253	nq	98
49) Acenaphthylene	14.40	152	120007	18.066	nq	96
50) Dimethylphthalate	14.12	163	173057	29.713	nq	99
51) 2,6-Dinitrotoluene	14.25	165	26941	20.689	nq	94
52) Acenaphthene	14.74	154	69714	17.467	nq	98
53) 3-Nitroaniline	14.59	138	25364	19.201	nq	97
54) 2,4-Dinitrophenol	14.80	184	24845	35.151	nq	95
55) Dibenzofuran	15.07	168	129539	18.378	nq	99
56) 4-Nitrophenol	14.90	139	54194	57.018	nq	98
57) 2,4-Dinitrotoluene	15.04	165	43811	23.451	nq	95
58) Fluorene	15.72	166	111688	21.050	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	36989	22.757	nq	# 100
60) Diethylphthalate	15.47	149	134524	22.418	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	61576	18.421	nq	97
62) 4-Nitroaniline	15.75	138	35937	26.115	nq	93
63) Azobenzene	16.00	77	92872	19.790	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	28806	22.027	nq	98
66) n-Nitrosodiphenylamine	15.92	169	112799	21.556	nq	96
67) 4-Bromophenyl-phenylether	16.60	248	46560	20.520	nq	98
68) Hexachlorobenzene	16.72	284	52681	21.277	nq	94
69) Atrazine	16.86	200	53715	24.163	nq	97
70) Pentachlorophenol	17.07	266	64918	45.160	nq	100
71) Phenanthrene	17.46	178	246252	26.393	nq	99
72) Anthracene	17.56	178	253451	27.474	nq	99
73) Carbazole	17.83	167	263839	28.972	nq	99
74) Di-n-butylphthalate	18.36	149	310704	30.669	nq	99
75) Fluoranthene	19.47	202	419096	36.234	nq	99
77) Benzidine	19.66	184	194241	36.002	nq	100
78) Pyrene	19.84	202	423918	37.710	nq	99
80) Butylbenzylphthalate	20.70	149	169471	39.637	nq	99
81) Benzo(a)anthracene	21.68	228	451833	42.077	nq	100
82) 3,3'-Dichlorobenzidine	21.59	252	147465	33.704	nq	99
83) Chrysene	21.75	228	414654	40.601	nq	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	239717	40.379	nq	97
85) Di-n-octyl phthalate	22.77	149	422297	42.068	nq	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	552398	45.265	nq	# 96
88) Benzo(b)fluoranthene	23.93	252	475064	43.878	nq	99
89) Benzo(k)fluoranthene	24.00	252	444827	41.553	nq	98
90) Benzo(a)pyrene	24.83	252	457264	43.694	nq	99
91) Dibenzo(a,h)anthracene	28.81	278	458572	44.054	nq	99
92) Benzo(g,h,i)perylene	29.93	276	455004	44.153	nq	96

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



#1

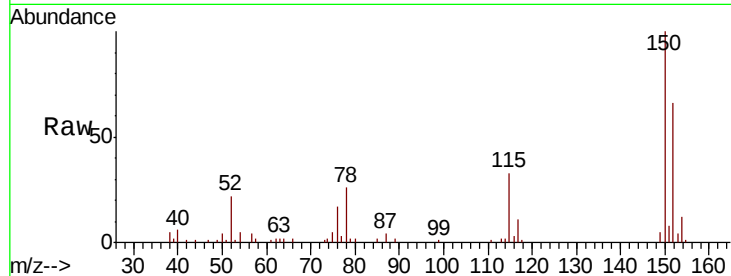
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampled :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.7	187.1
115	49.6	46.5	69.7

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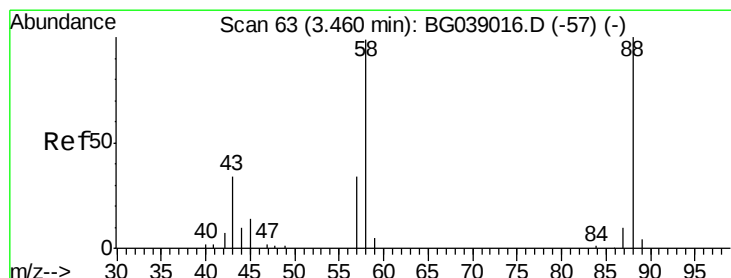
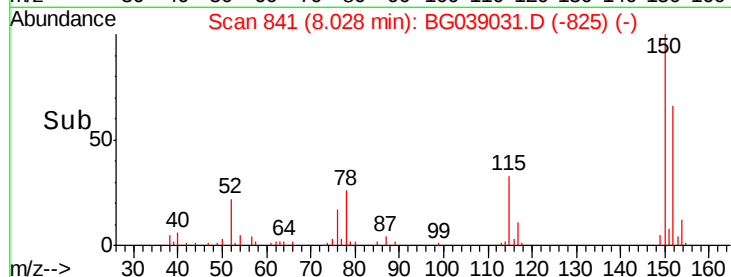
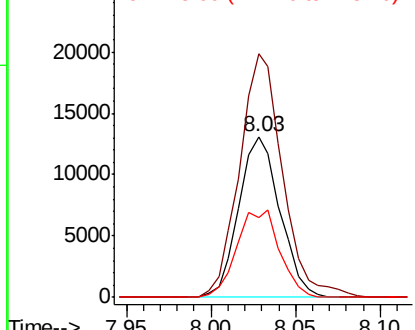


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

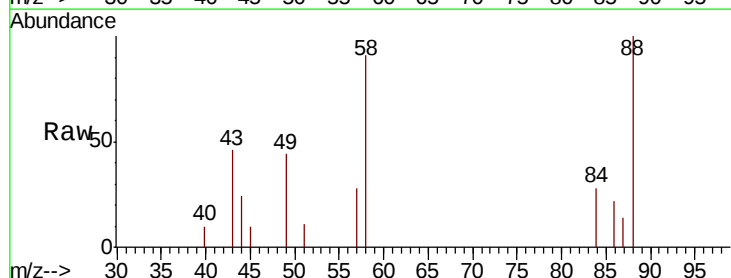
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 5.001 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	125.9	72.4	108.6#
43	42.3	27.6	41.4#

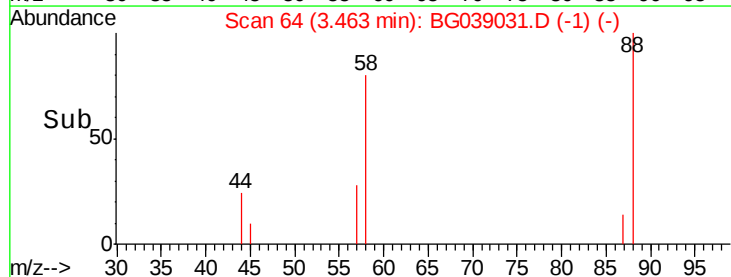
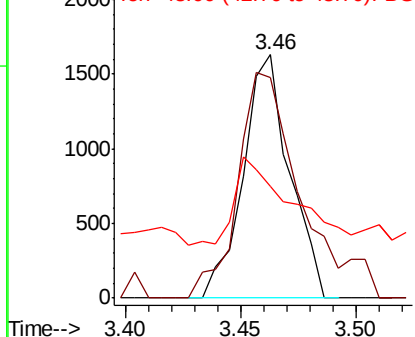


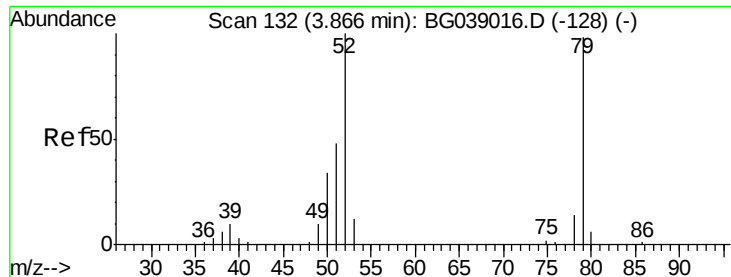
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 4.485 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.01 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

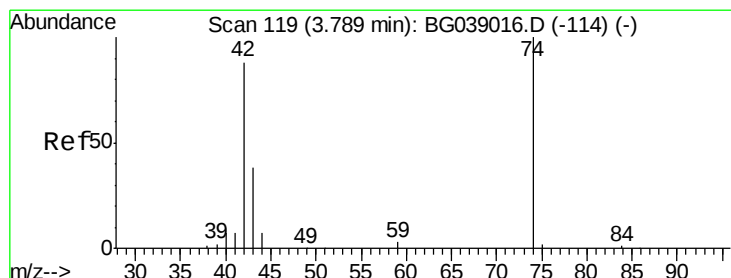
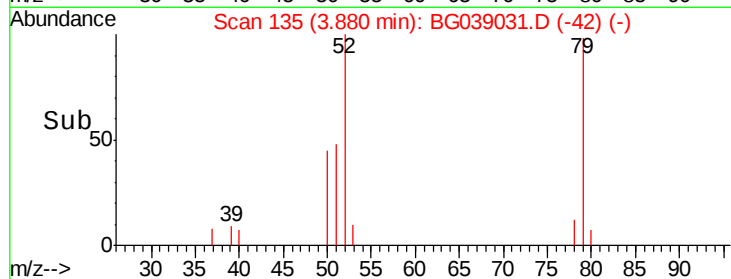
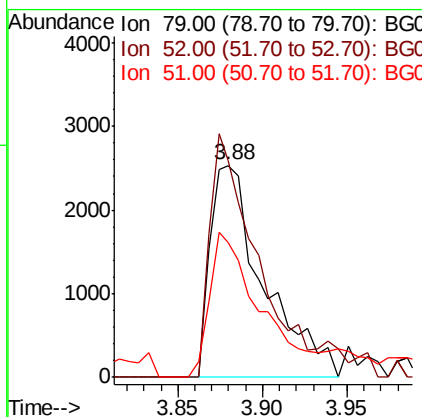
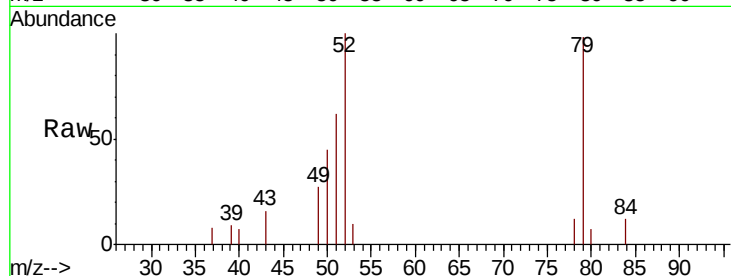
ClientSampled :

SP-1-4MS

Tot Ion:	79	Resp:	5563
Ion	Ratio	Lower	Upper
79	100		
52	102.4	81.5	122.3
51	63.5	39.8	59.6#

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#4

n-Nitrosodimethylamine

Concen: 6.609 ng

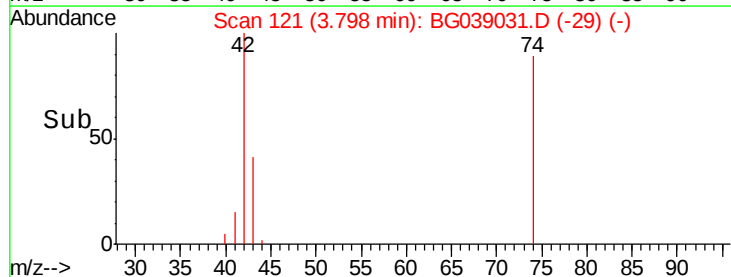
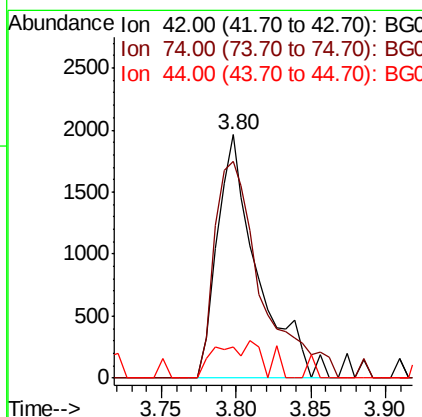
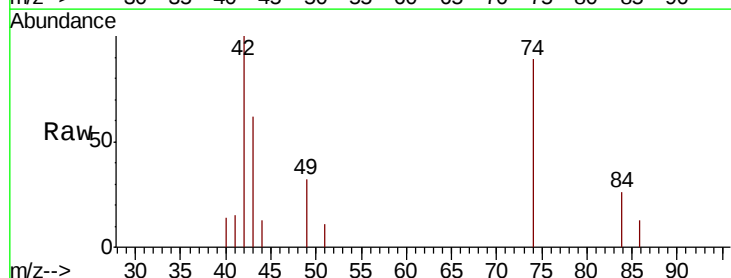
RT: 3.80 min Scan# 121

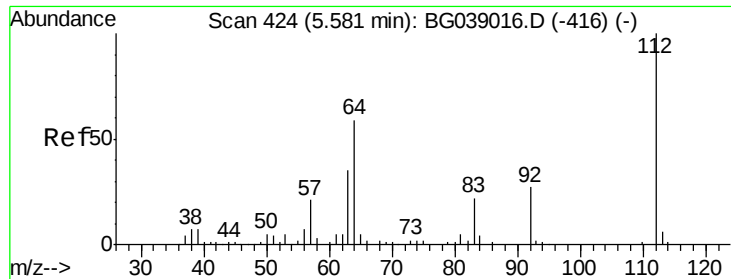
Delta R.T. 0.01 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	42	Resp:	3689
Ion	Ratio	Lower	Upper
42	100		
74	89.1	90.7	136.1#
44	12.5	6.5	9.7#





#5

2-Fluorophenol

Concen: 19.795 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

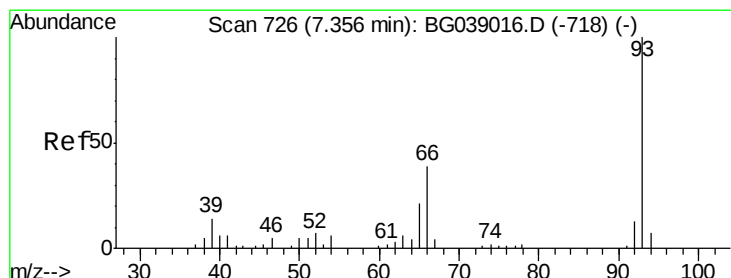
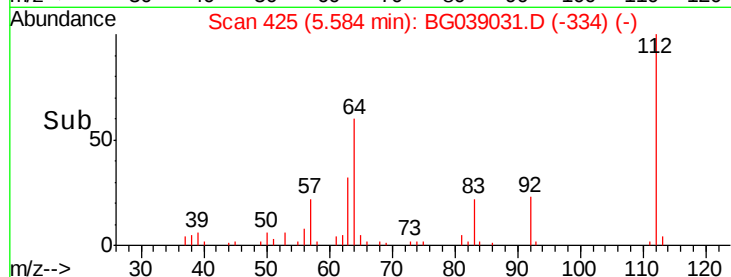
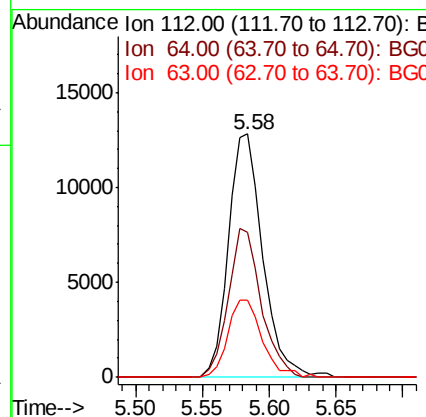
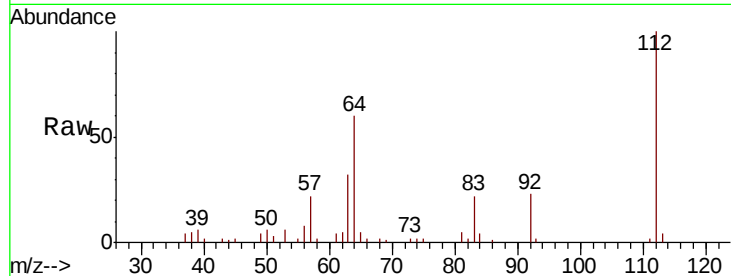
ClientSampleId :

SP-1-4MS

Tot Ion:	112	Resp:	23076
Ion Ratio	Lower	Upper	
112	100		
64	59.5	47.0	70.6
63	31.8	28.0	42.0

Manual Integrations
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#6

Aniline

Concen: 6.686 ng

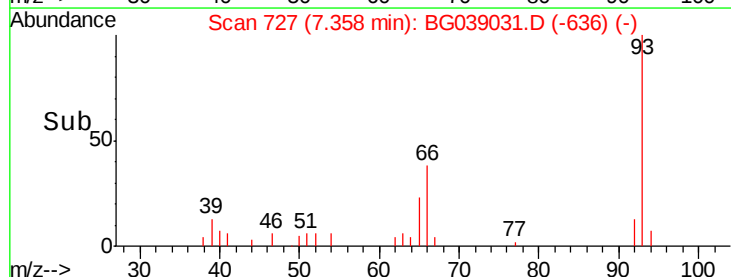
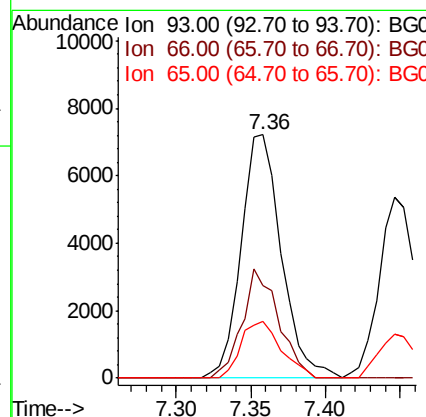
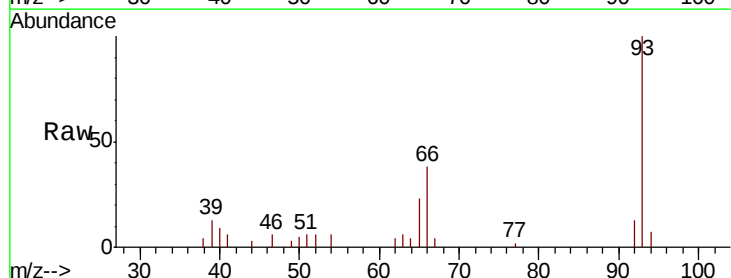
RT: 7.36 min Scan# 727

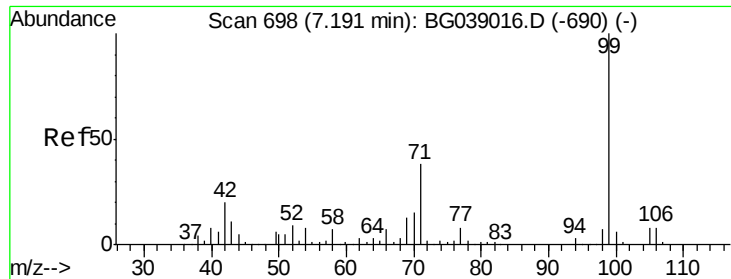
Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	93	Resp:	13471
Ion Ratio	Lower	Upper	
93	100		
66	38.0	30.9	46.3
65	23.1	17.0	25.4





#7

Phenol-d6

Concen: 22.858 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

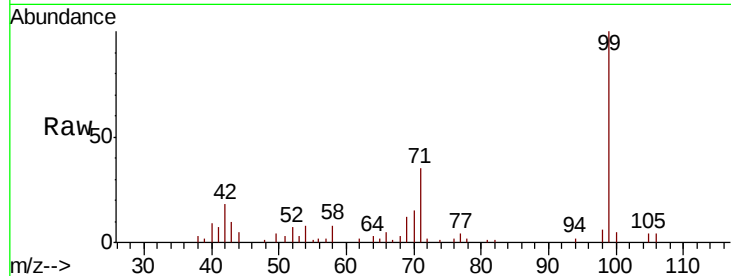
ClientSampleId :

SP-1-4MS

Tot Ion:	99	Resp:	38348
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.8	23.6
71	34.9	30.2	45.4

Manual Integrations
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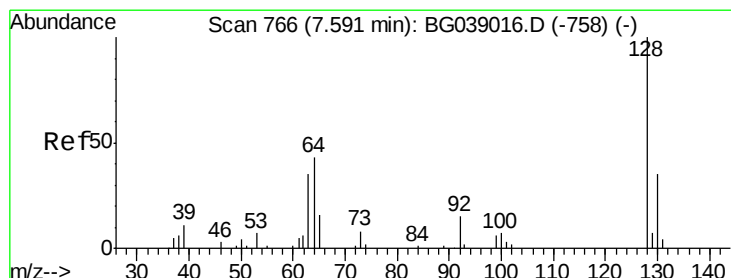
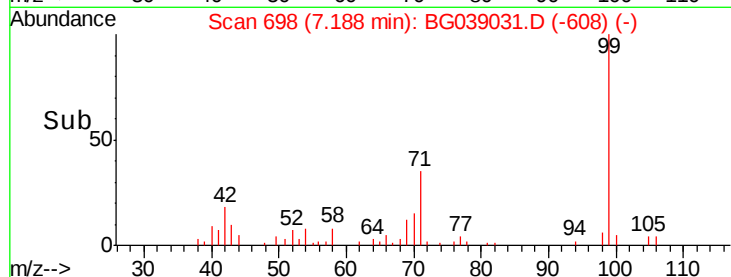
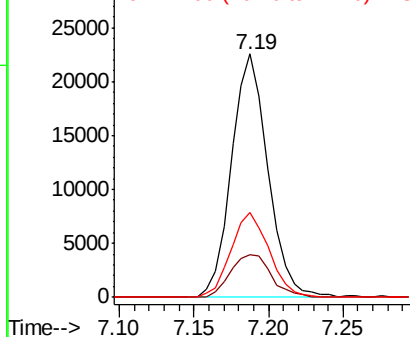


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 6.970 ng

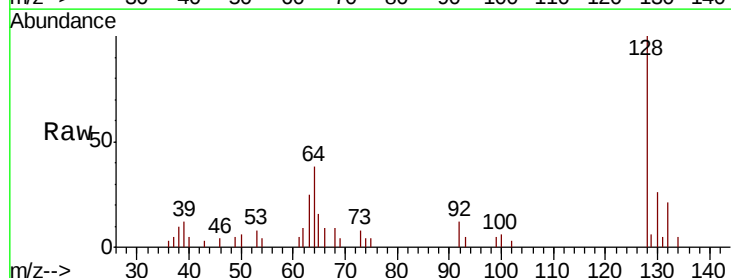
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	128	Resp:	9578
Ion	Ratio	Lower	Upper
128	100		
130	26.5	14.5	54.5
64	37.9	27.3	67.3

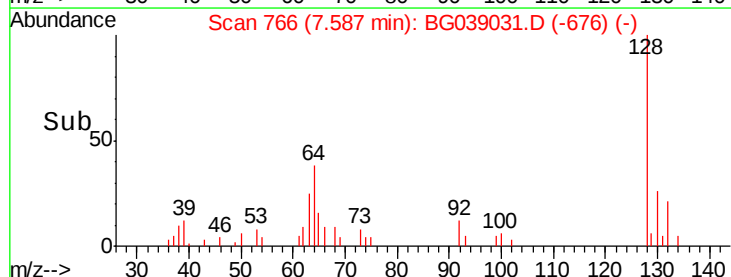
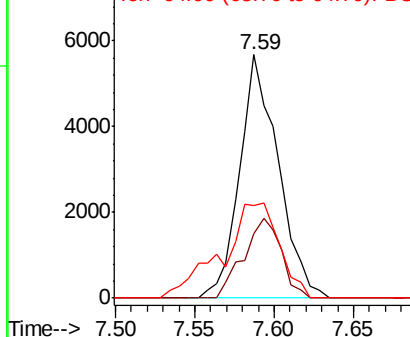


Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





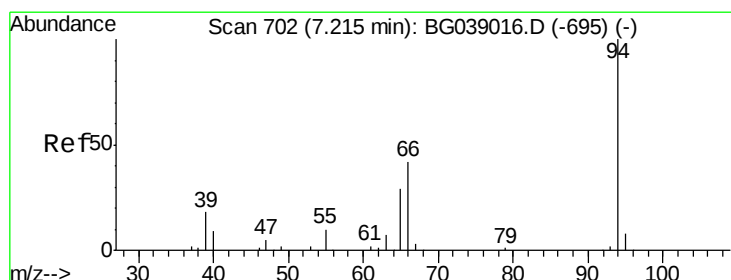
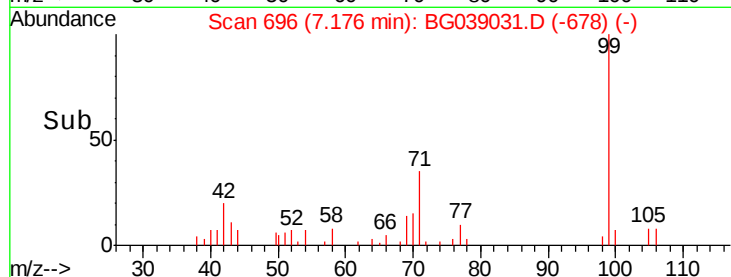
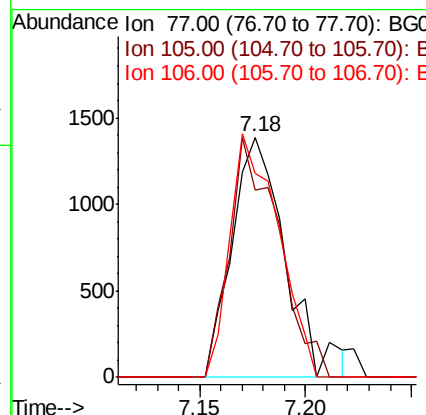
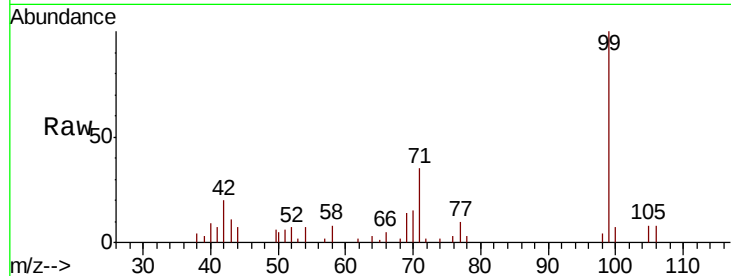
#9
Benzaldehyde
Concen: 2.516 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion: 77 Resp: 2434
Ion Ratio Lower Upper
77 100
105 77.9 82.4 122.4#
106 84.8 82.8 122.8

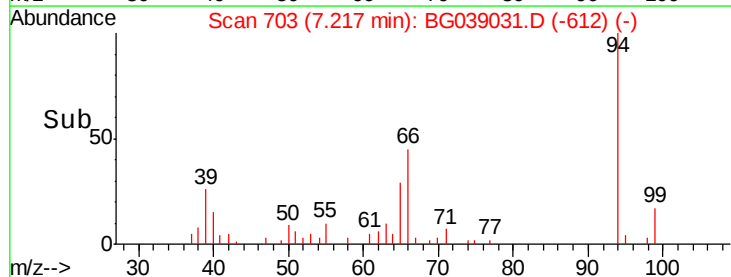
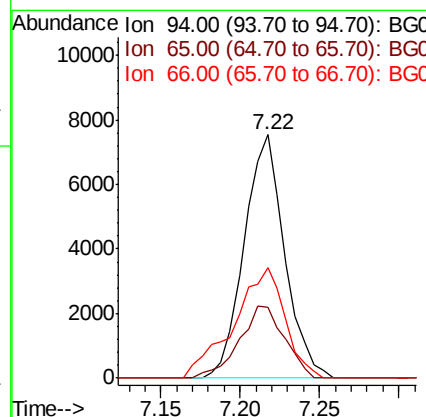
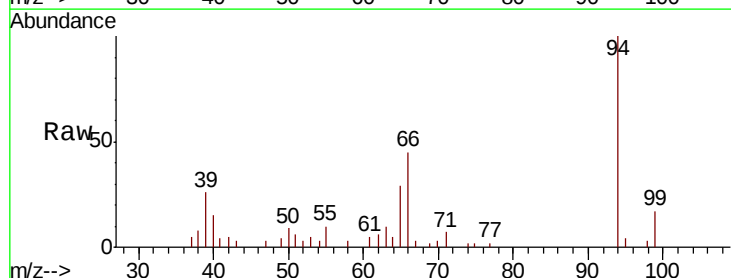
Manual Integrations
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#10
Phenol
Concen: 7.917 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion: 94 Resp: 13316
Ion Ratio Lower Upper
94 100
65 29.3 10.3 50.3
66 45.3 25.1 65.1





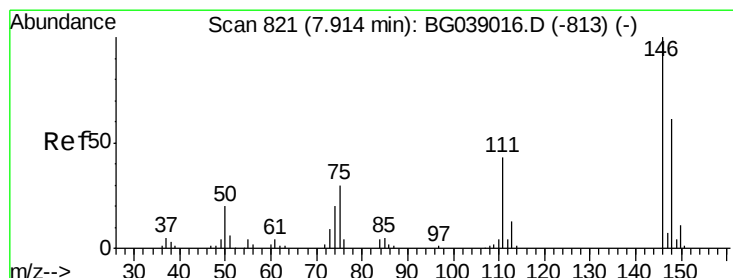
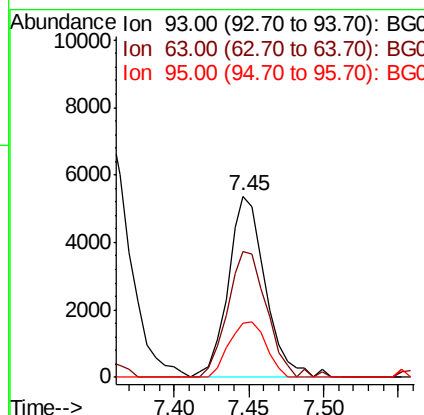
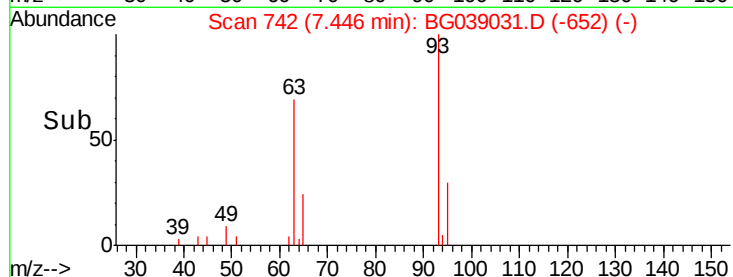
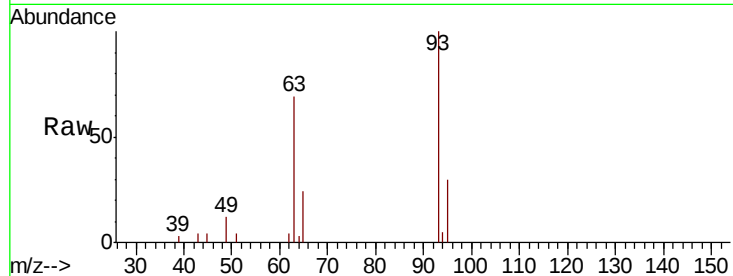
#11
 bis(2-Chloroethyl)ether
 Concen: 7.248 ng
 RT: 7.45 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-4MS

Tot Ion:	93	Resp:	9318
Ion	Ratio	Lower	Upper
93	100		
63	69.2	63.2	103.2
95	30.2	11.2	51.2

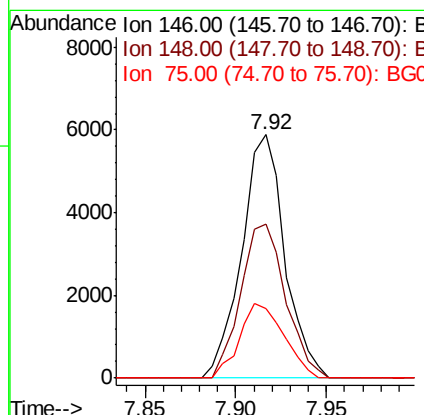
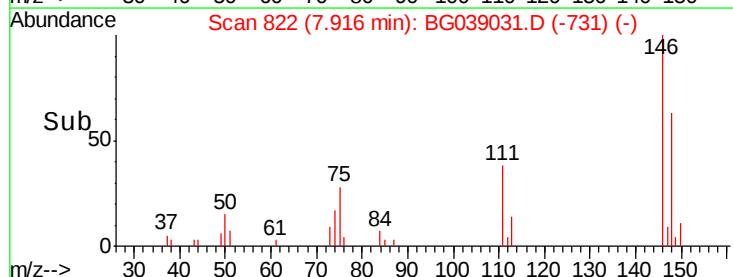
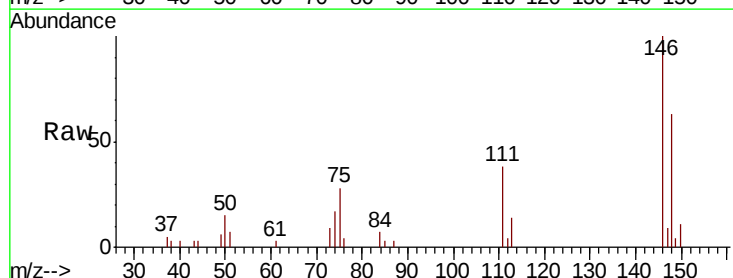
Manual Integrations
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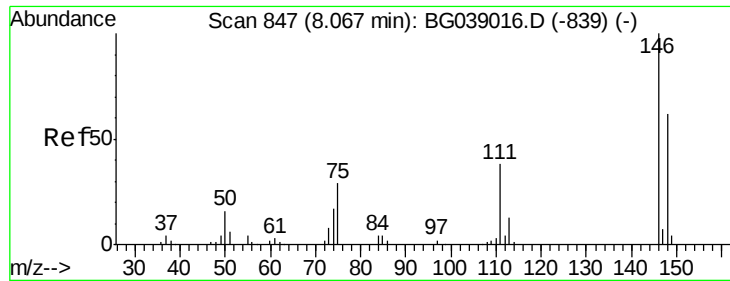
Sohil
 1/10/2019 3:15:25 PM



#12
 1,3-Dichlorobenzene
 Concen: 5.896 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion:	146	Resp:	9708
Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.1	73.7
75	28.4	23.9	35.9





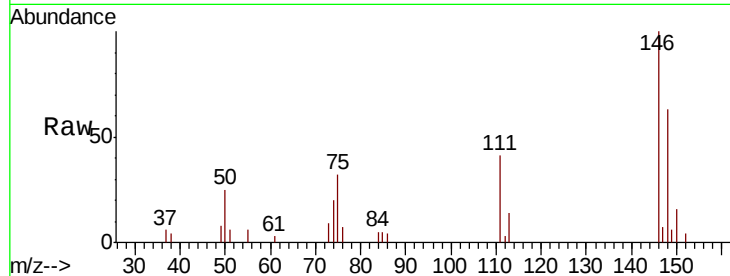
#13
1,4-Dichlorobenzene
Concen: 6.074 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.8	74.6
111	40.5	30.6	45.8

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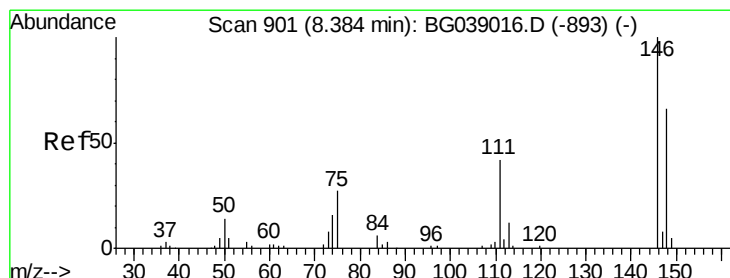
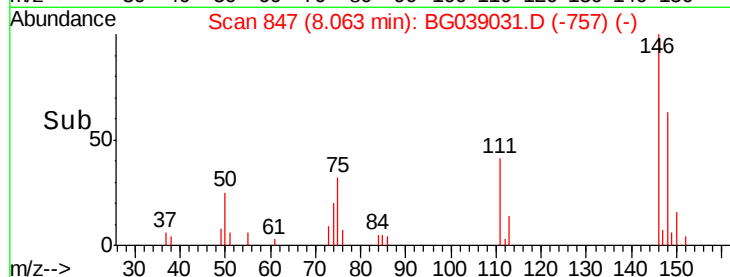
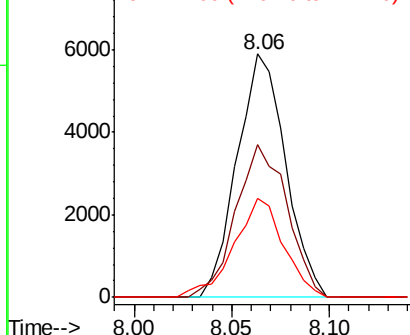


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 6.333 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

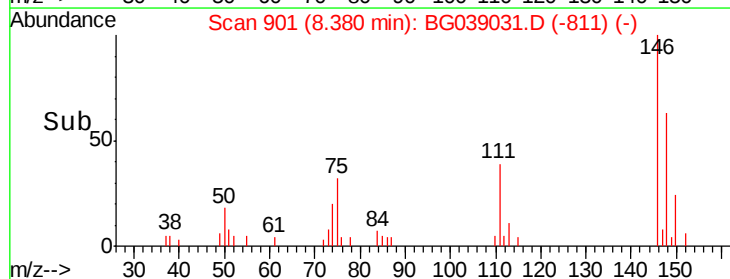
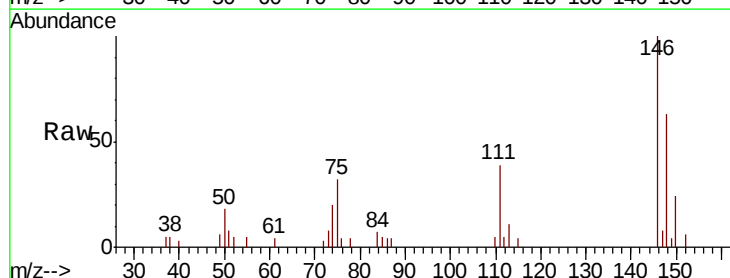
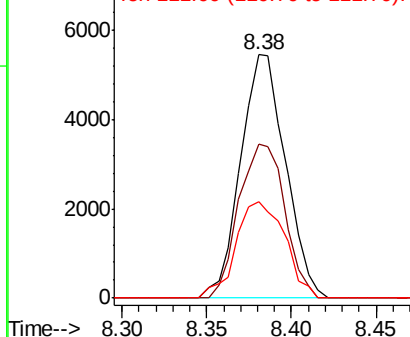
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.6	79.0
111	39.4	34.6	51.8

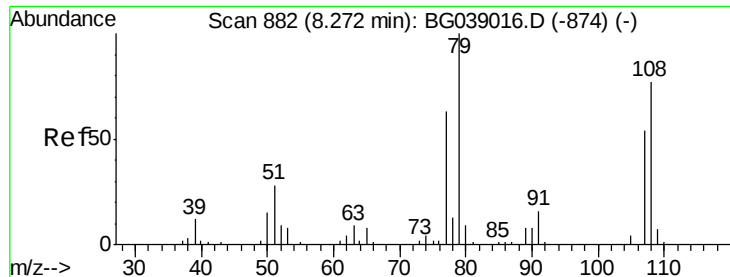
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.900 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

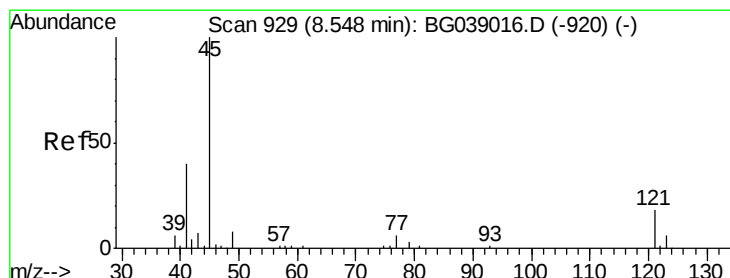
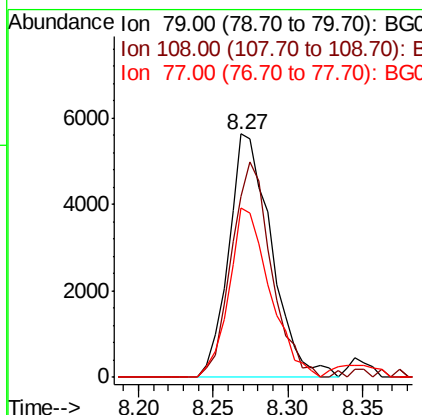
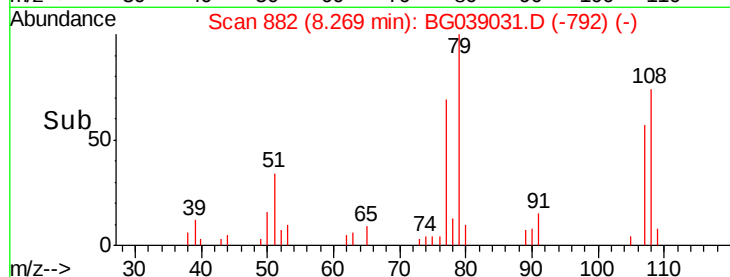
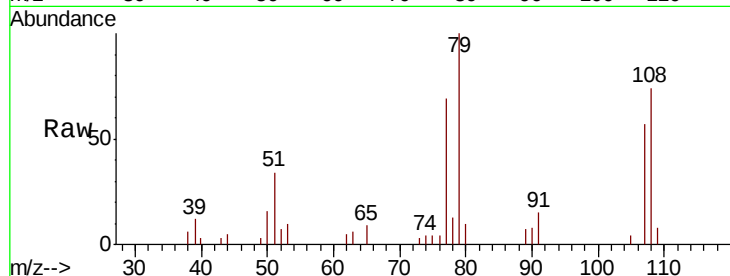
ClientSampled :

SP-1-4MS

Tot Ion:	79	Resp:	11244
Ion	Ratio	Lower	Upper
79	100		
108	74.1	62.0	93.0
77	69.4	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.094 ng

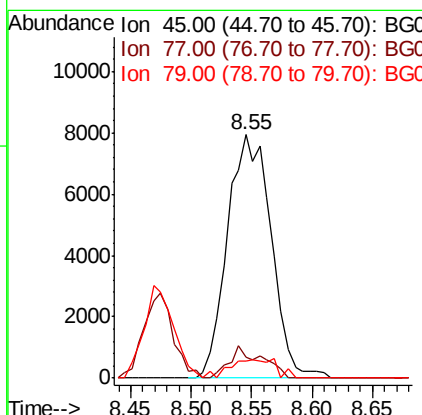
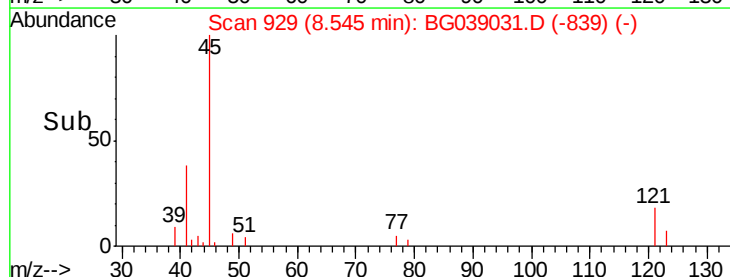
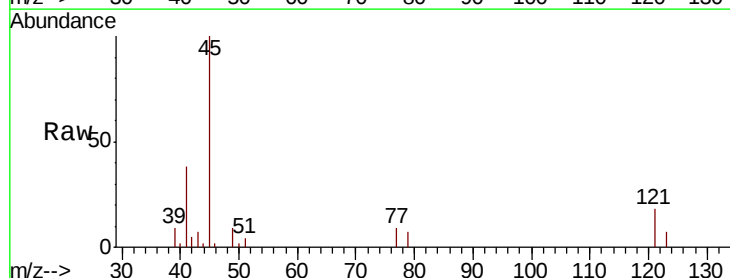
RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	45	Resp:	19952
Ion	Ratio	Lower	Upper
45	100		
77	8.6	0.0	30.7
79	7.1	0.0	28.5





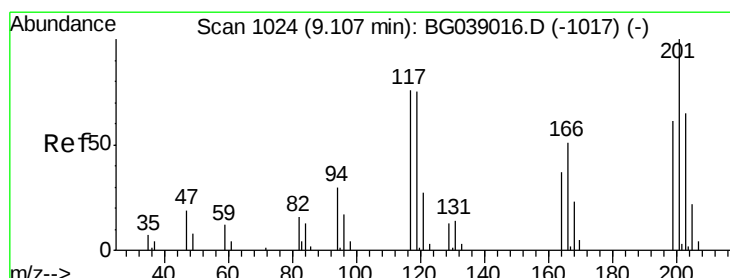
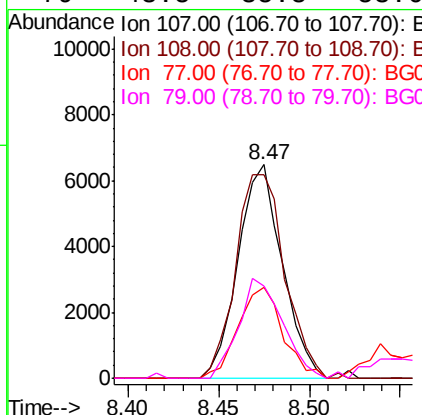
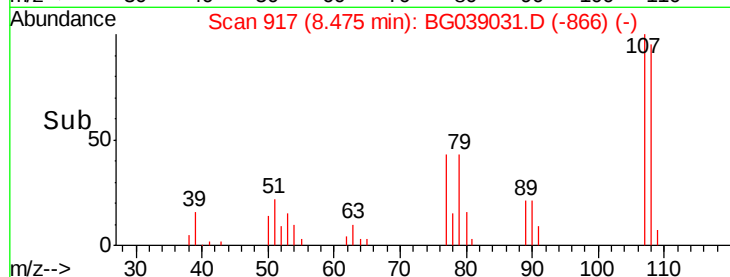
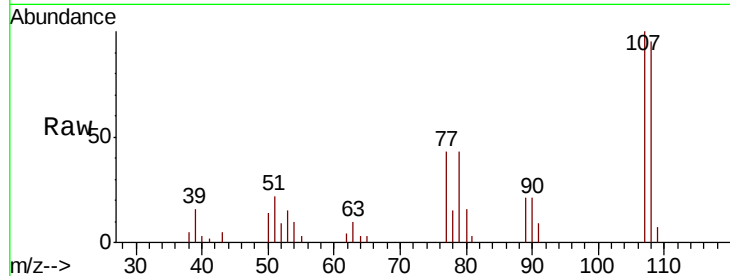
#17
2-Methylphenol
Concen: 9.405 ng
RT: 8.47 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampled :
SP-1-4MS

Tot Ion:	107	Resp:	10984
Ion	Ratio	Lower	Upper
107	100		
108	95.5	90.3	135.5
77	42.8	38.3	57.5
79	43.5	35.8	53.6

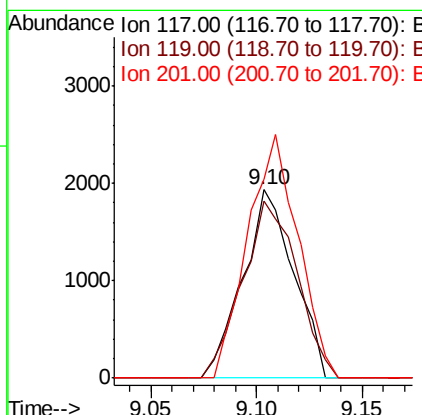
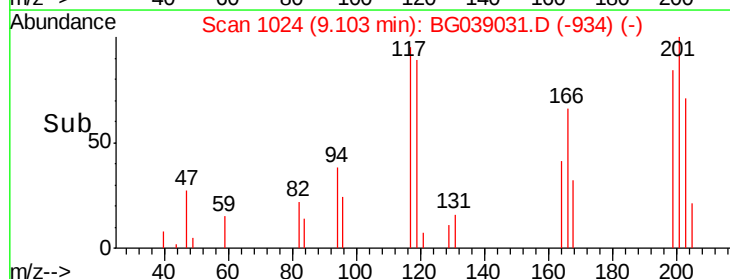
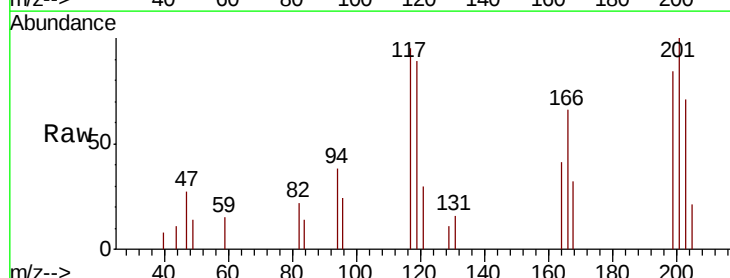
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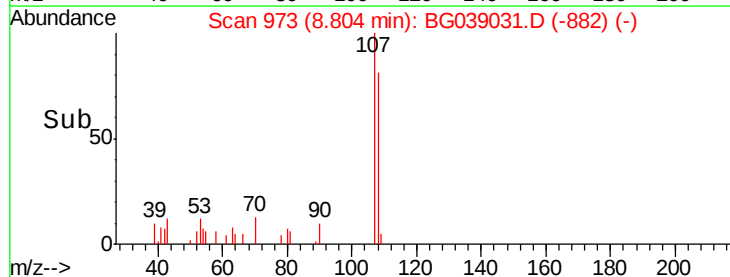
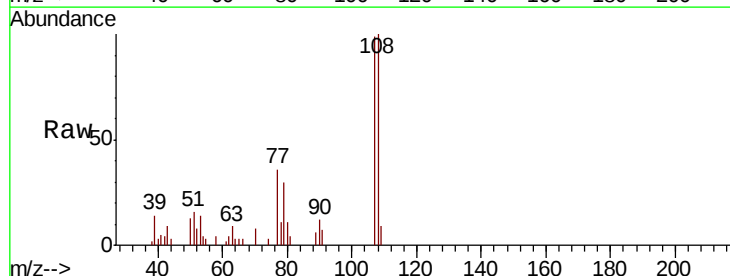
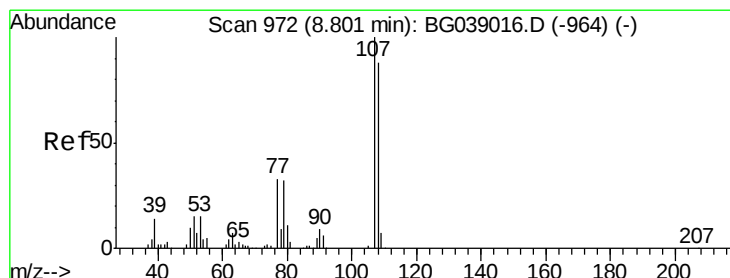
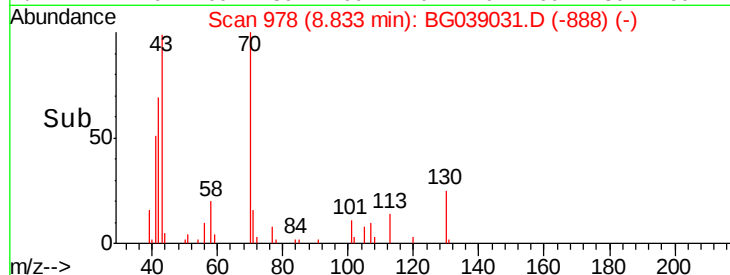
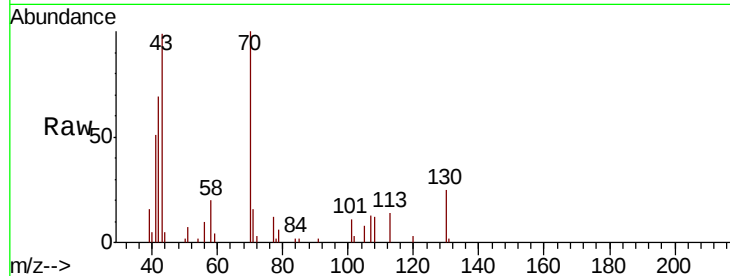
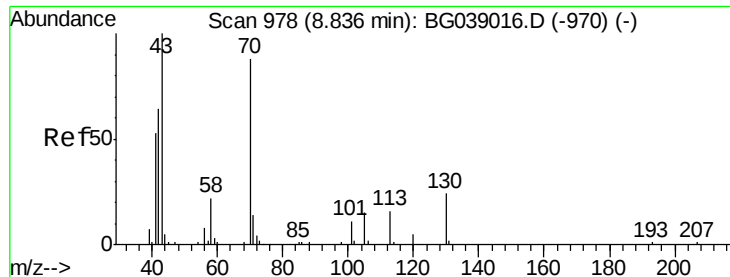
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#18
Hexachloroethane
Concen: 5.727 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion:	117	Resp:	3244
Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.7	118.1
201	105.7	108.1	162.1#





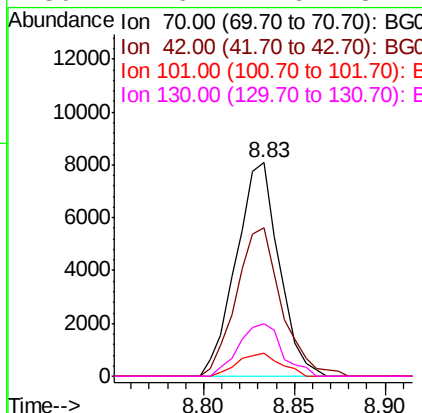
#19
n-Nitroso-di-n-propylamine
Concen: 12.102 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		13333		
42	69.4	59.0	88.4		
101	10.7	10.4	15.6		
130	24.6	21.6	32.4		

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

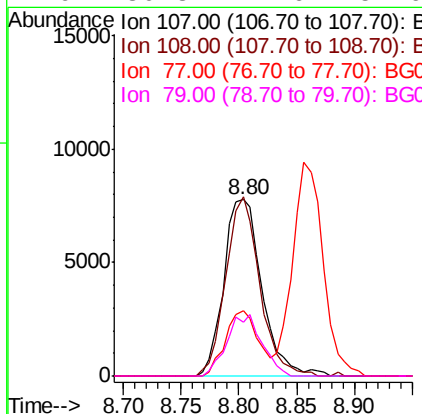
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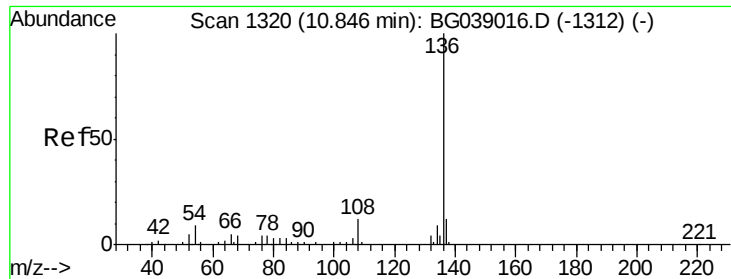
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#20
3+4-Methylphenols
Concen: 10.653 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		17739		
108	101.3	68.4	108.4		
77	36.9	13.3	53.3		
79	30.3	11.6	51.6		





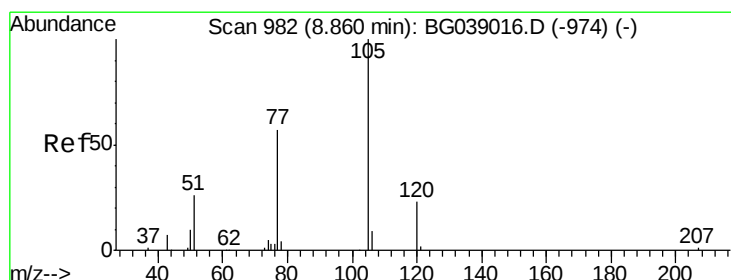
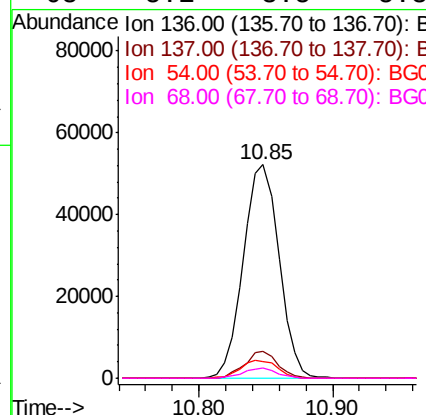
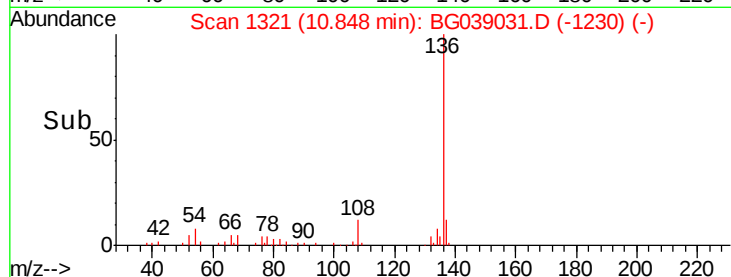
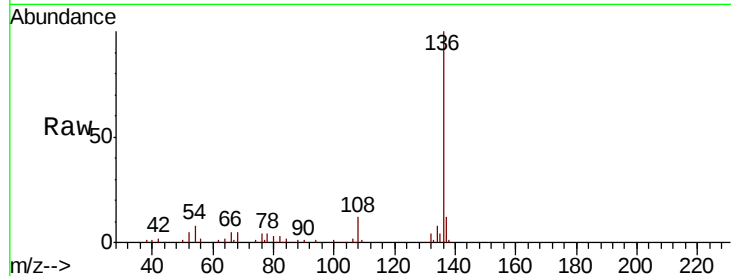
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.4	14.2
54	7.9	7.2	10.8
68	5.1	3.5	5.3

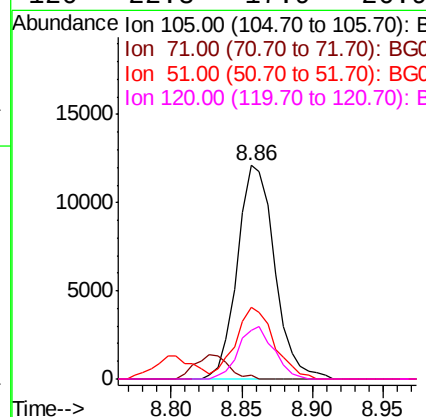
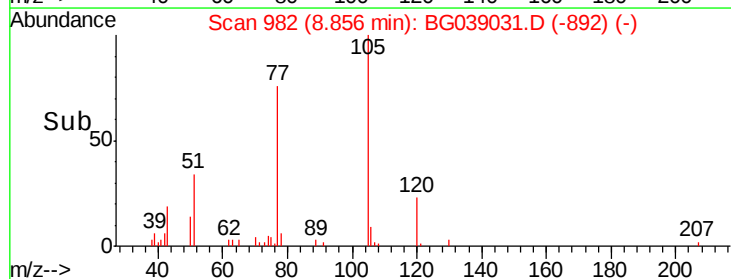
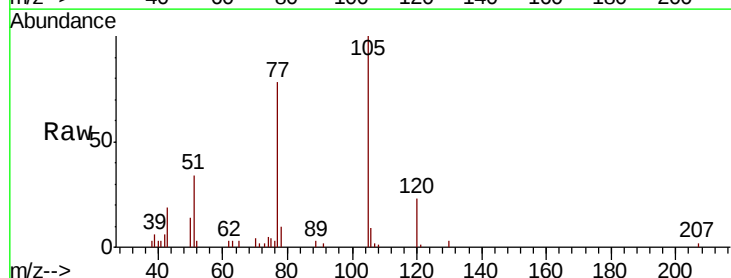
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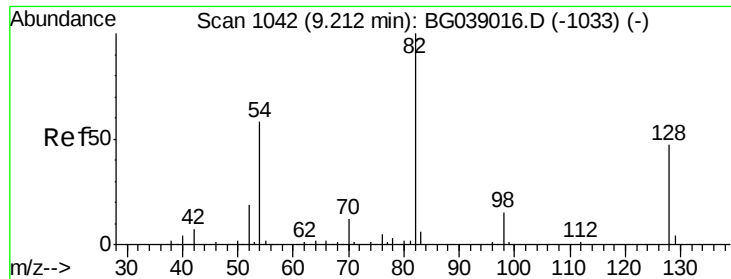
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#22
Acetophenone
Concen: 8.844 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.9	0.6	1.0#
51	33.7	26.6	39.8
120	22.8	17.9	26.9





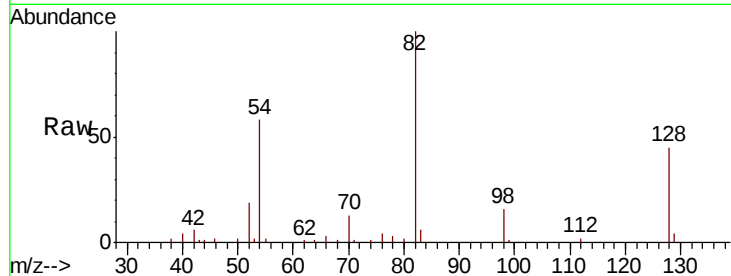
#23
Nitrobenzene-d5
Concen: 16.925 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

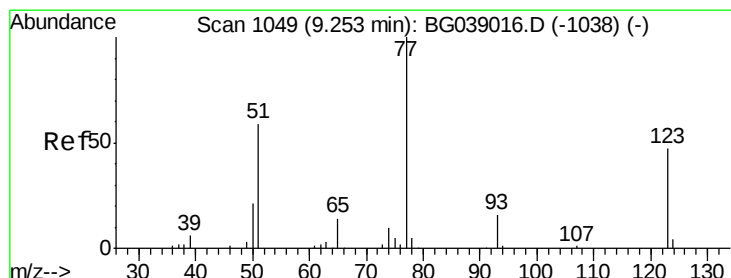
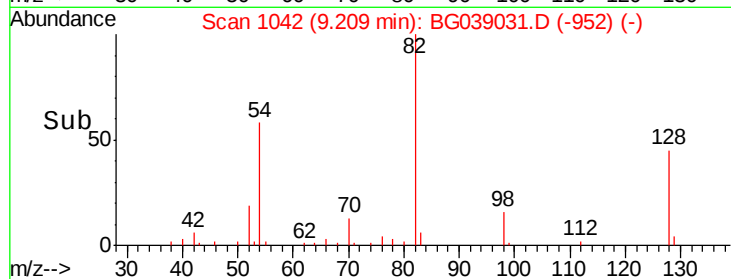
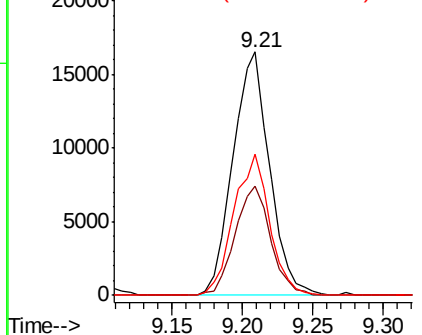
Tot Ion	82	Resp	29951
Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.3	55.9
54	57.9	46.4	69.6

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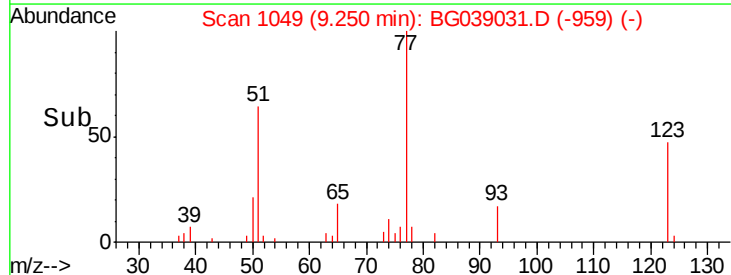
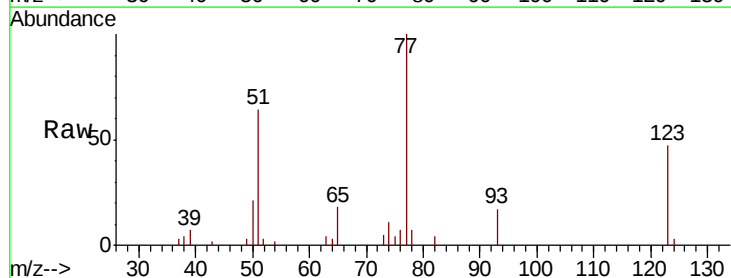
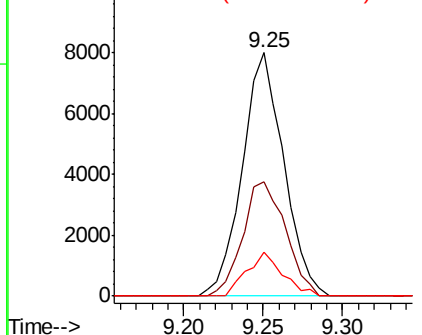
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 8.127 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	77	Resp	14536
Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.6	56.4
65	18.2	11.0	16.6

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





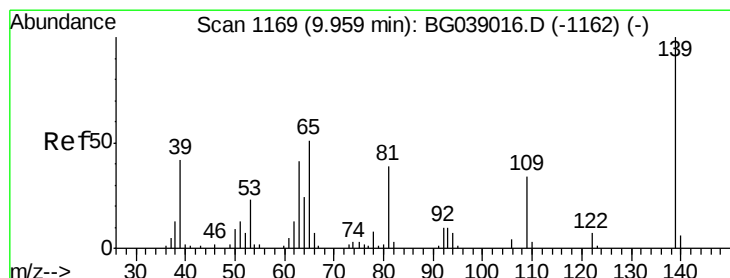
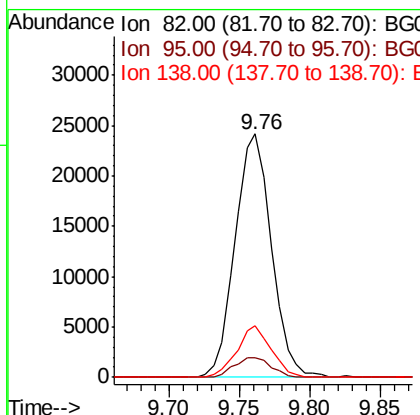
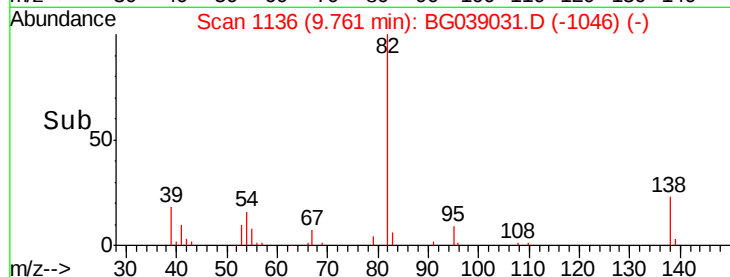
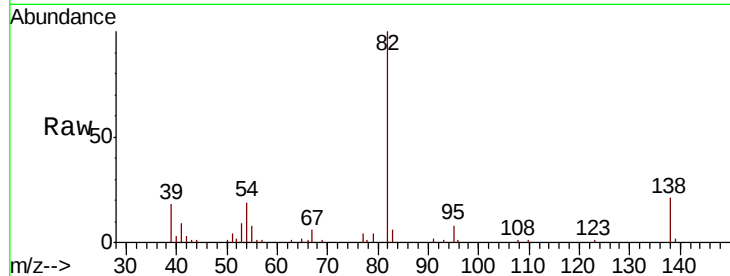
#25
Isophorone
Concen: 14.221 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.1	7.0	10.6
138	21.4	16.2	24.4

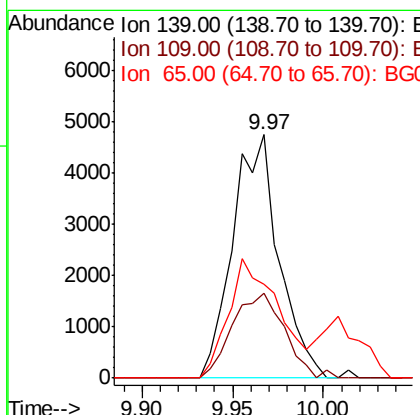
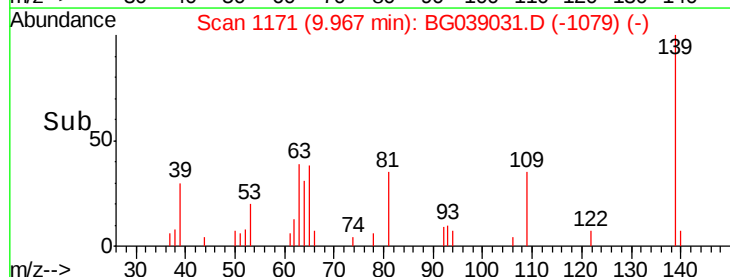
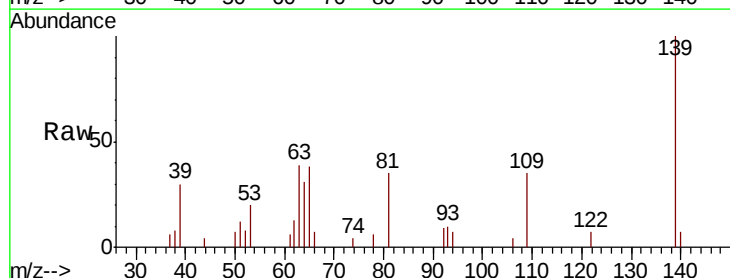
Manual Integrations
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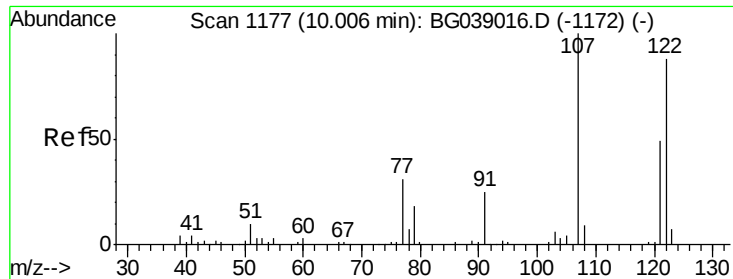
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#26
2-Nitrophenol
Concen: 8.657 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	34.9	27.3	40.9
65	38.4	40.6	61.0#





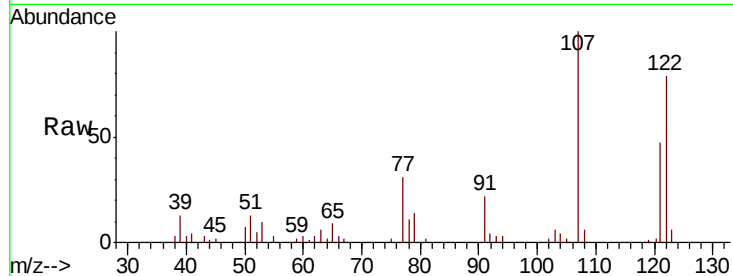
#27
2,4-Dimethylphenol
Concen: 13.598 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampled :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.7	88.8	133.2
121	59.8	43.1	64.7

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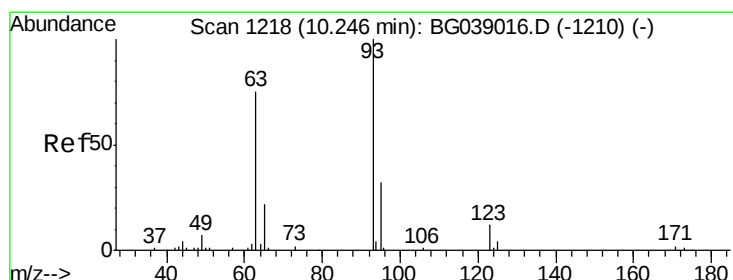
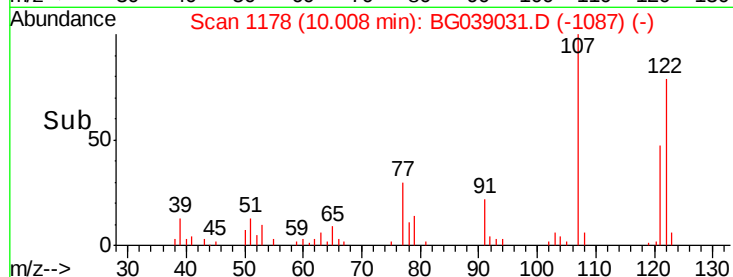
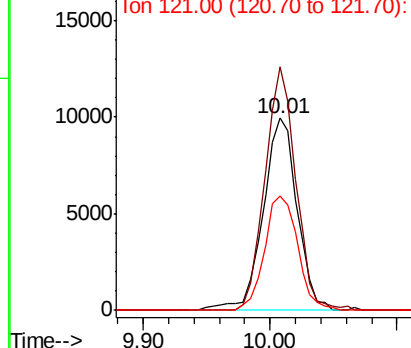


Abundance

Ion 122.00 (121.70 to 122.70): E

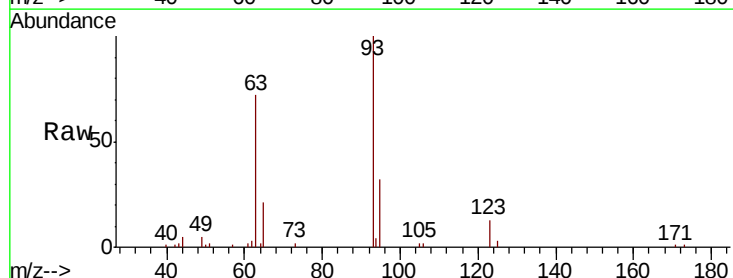
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 12.143 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.6	38.4
123	13.0	10.1	15.1

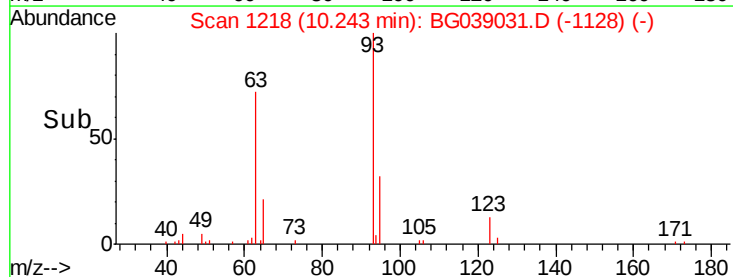
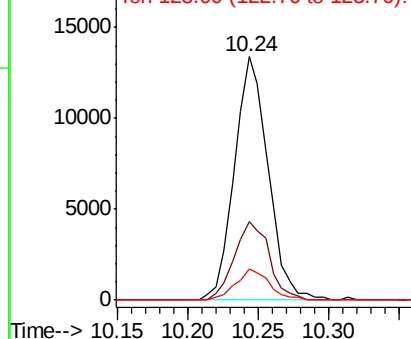


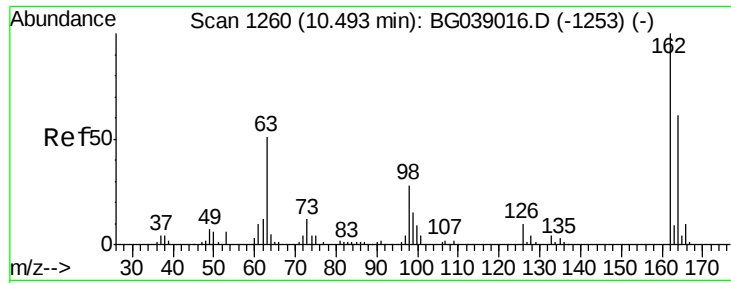
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





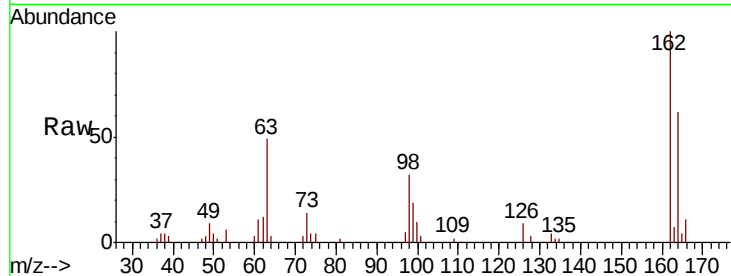
#29
 2,4-Dichlorophenol
 Concen: 10.933 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-4MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	41.3	81.3
98	32.0	8.3	48.3

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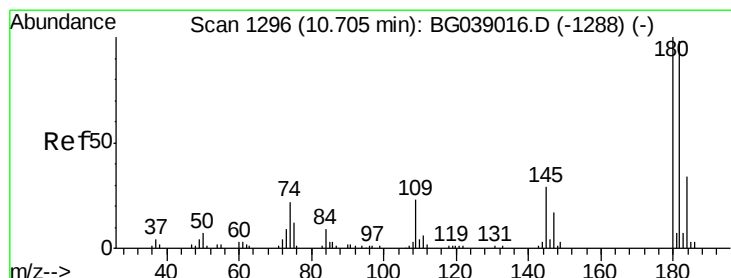
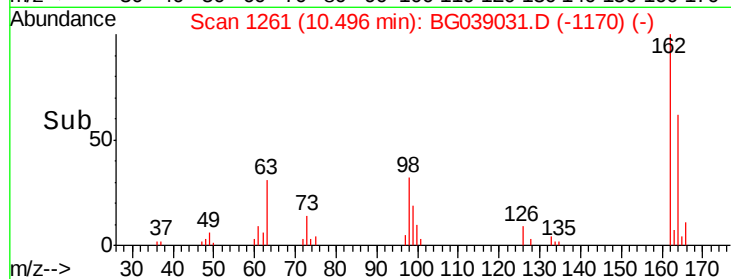
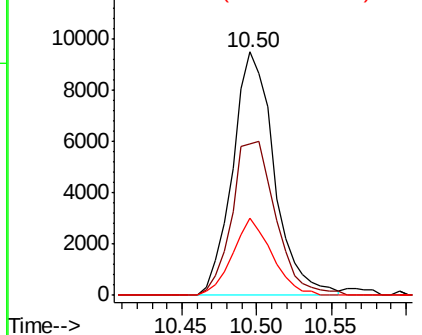


Abundance

Ion 162.00 (161.70 to 162.70): E

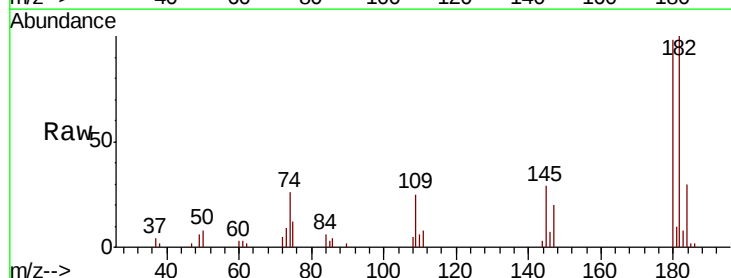
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 6.636 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.4	78.1	117.1
145	29.6	23.1	34.7

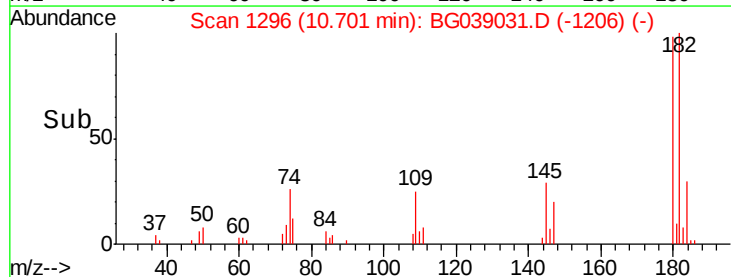
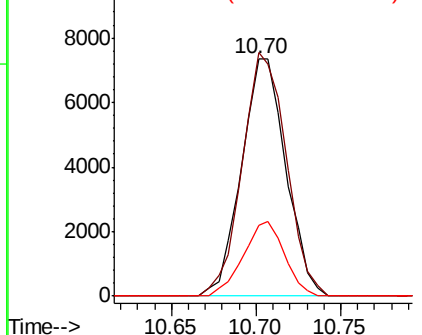


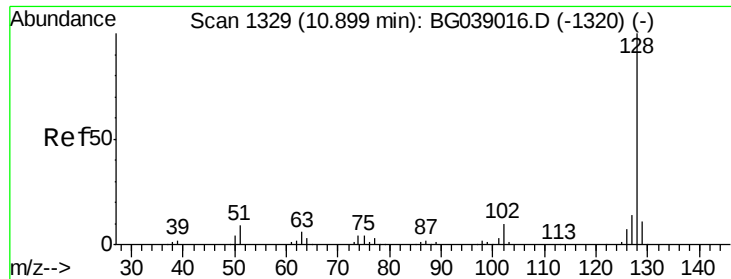
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





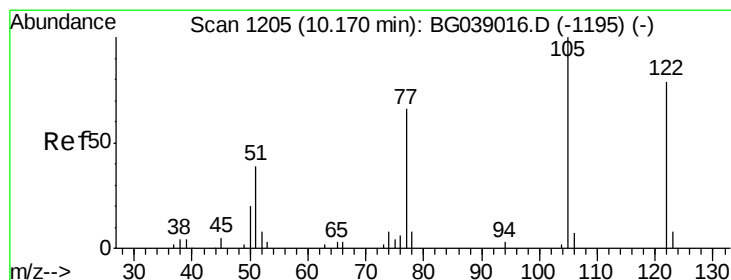
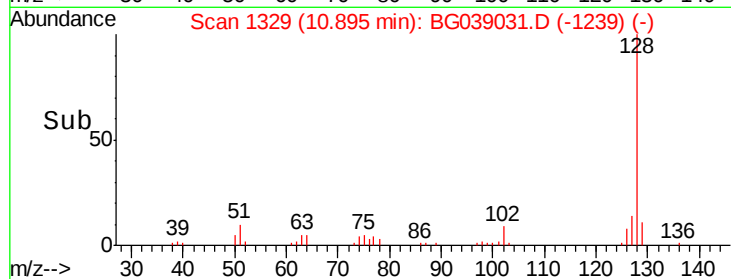
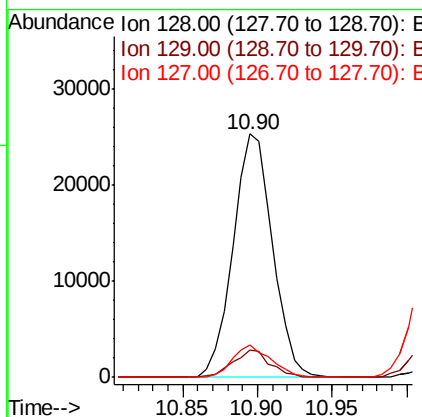
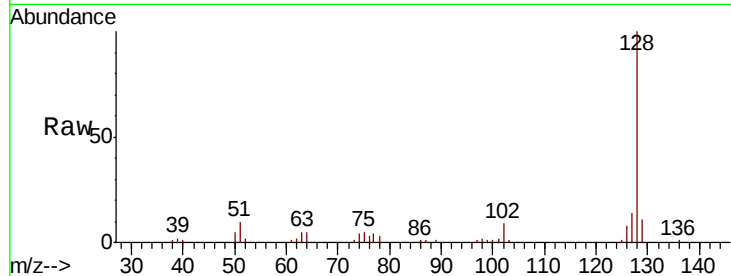
#31
Naphthalene
Concen: 9.556 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.5	11.2	16.8

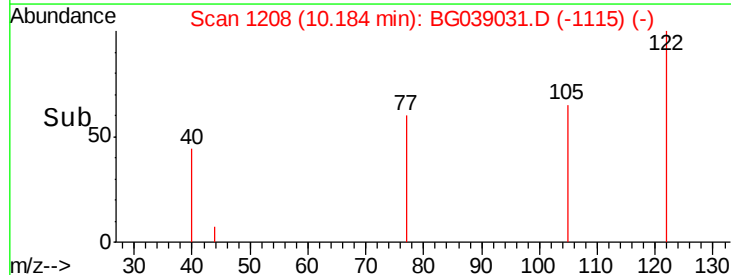
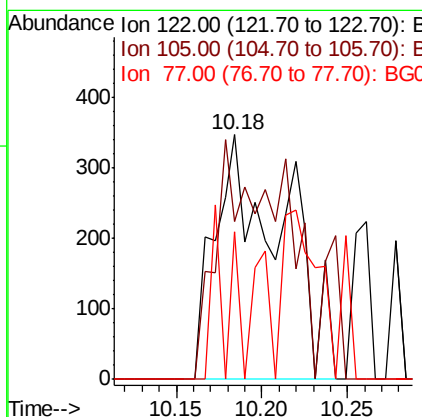
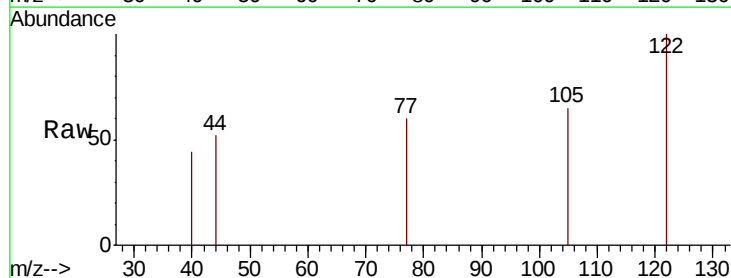
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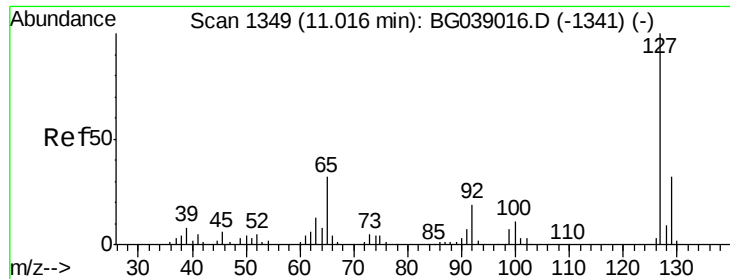
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#32
Benzoic acid
Concen: 10.374 ng m
RT: 10.18 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	64.6	106.4	146.4#
77	60.2	63.6	103.6#





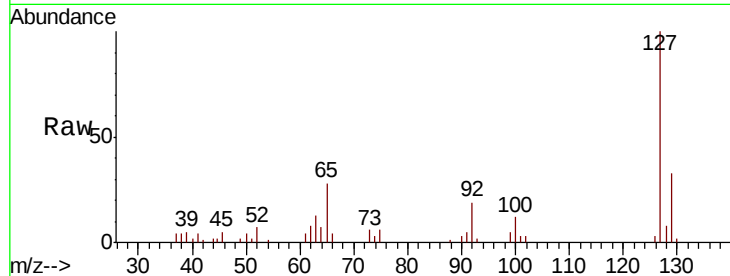
#33
4-Chloroaniline
Concen: 12.086 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.4	38.0		
65	28.2	25.4	38.0		
92	19.4	15.2	22.8		

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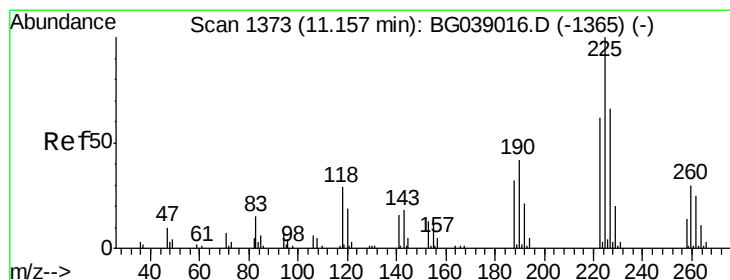
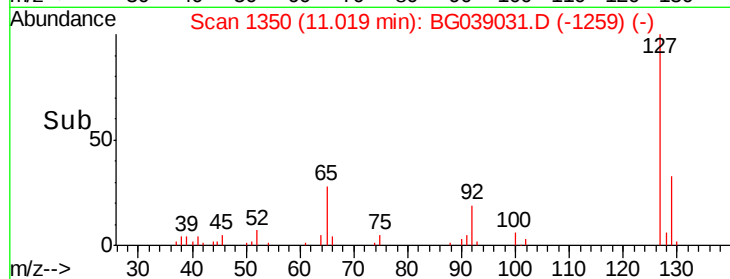
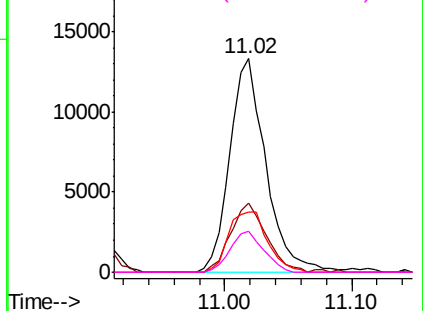
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 6.640 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

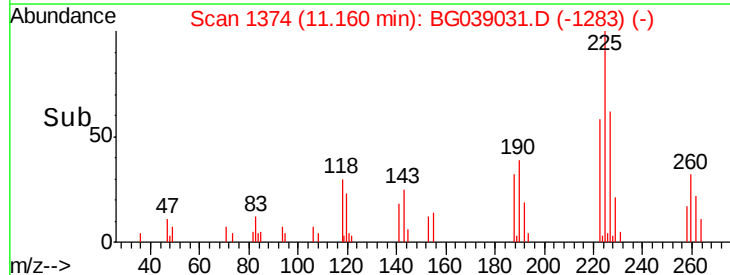
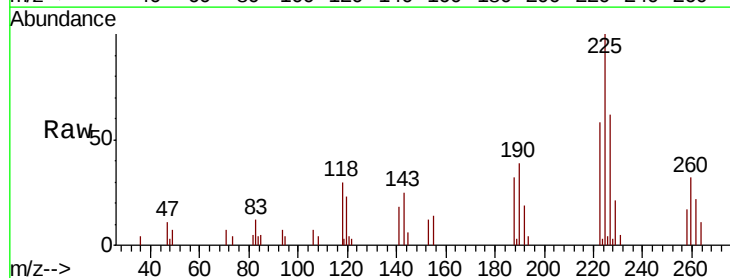
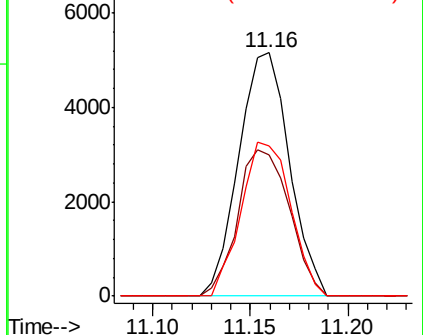
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	56.1	50.2	75.4		
227	62.6	53.2	79.8		

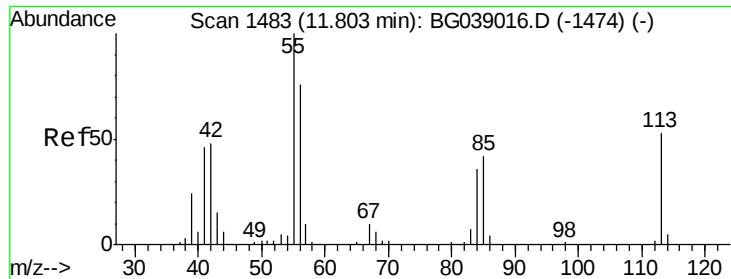
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.861 ng

RT: 11.79 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

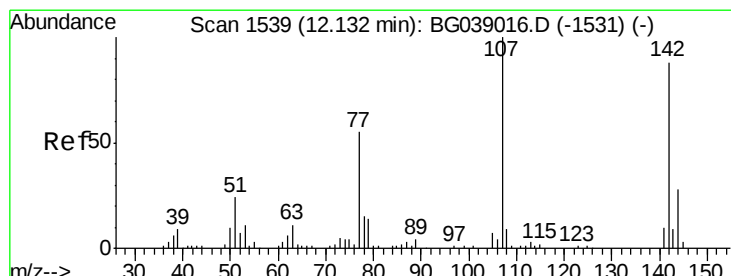
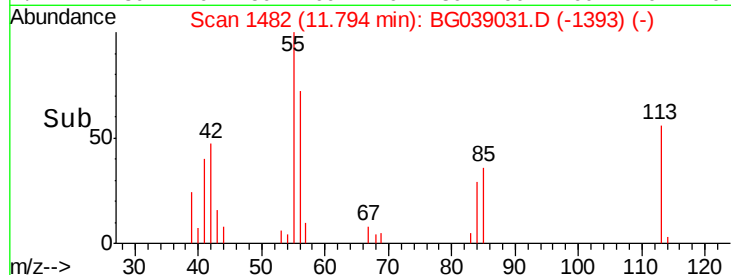
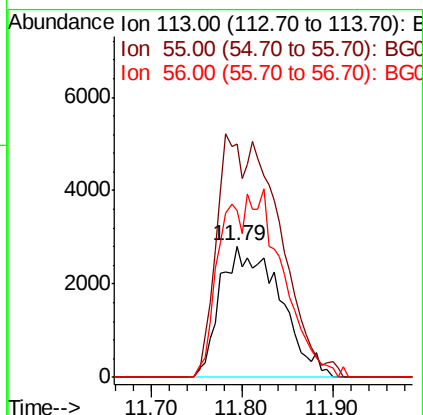
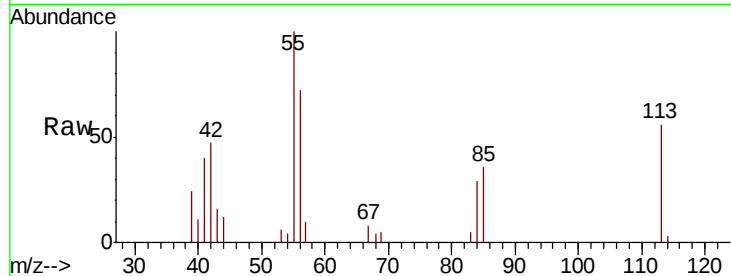
ClientSampled :

SP-1-4MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.7	168.6	208.6
56	127.2	123.2	163.2

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#36

4-Chloro-3-methylphenol

Concen: 17.392 ng

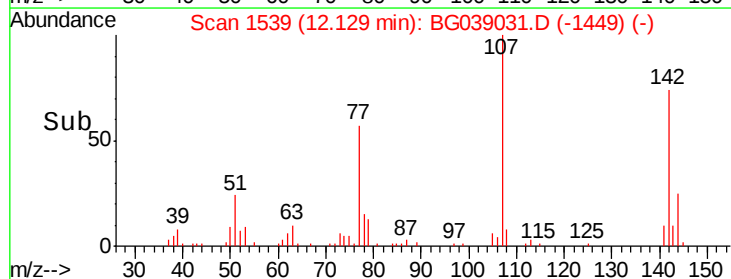
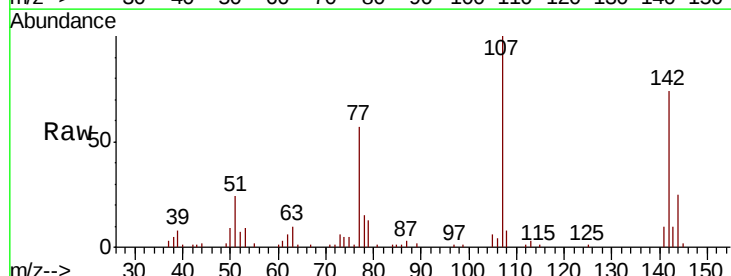
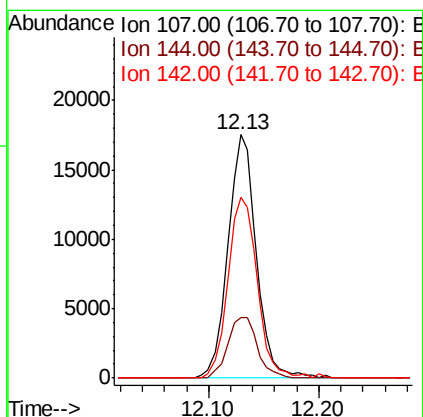
RT: 12.13 min Scan# 1539

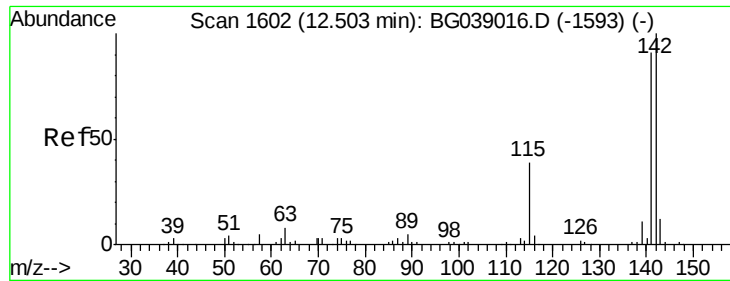
Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	22.6	34.0
142	74.5	70.2	105.4





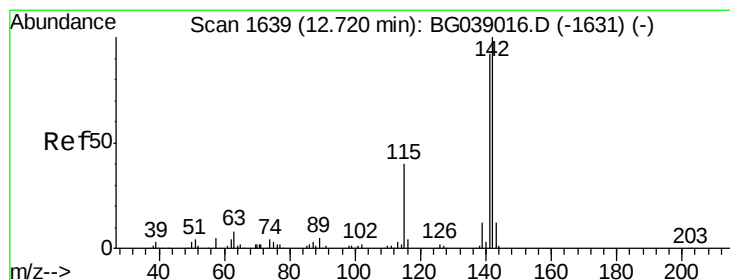
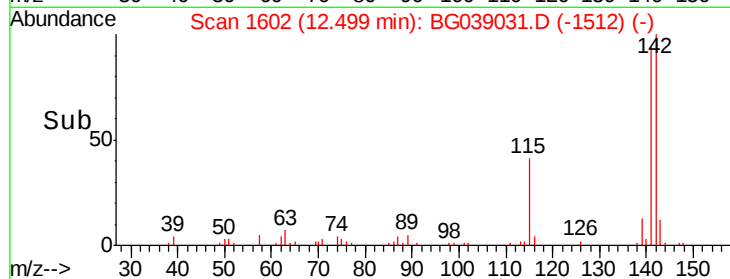
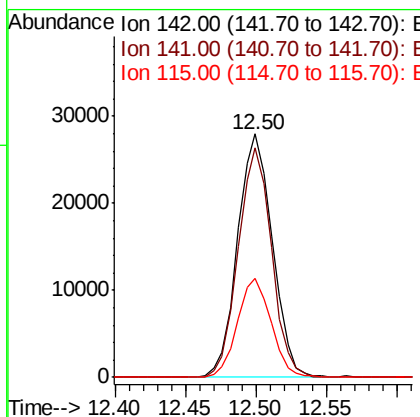
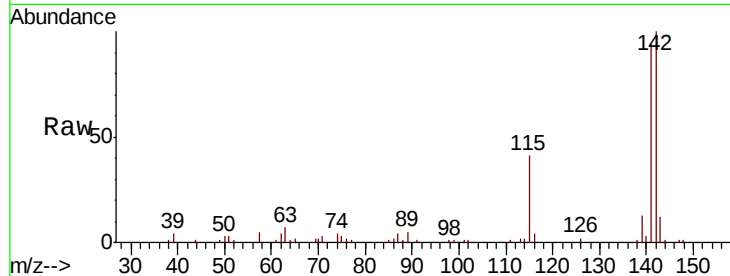
#37
2-Methylnaphthalene
Concen: 13.213 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampled :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.5	72.6	109.0
115	40.8	31.1	46.7

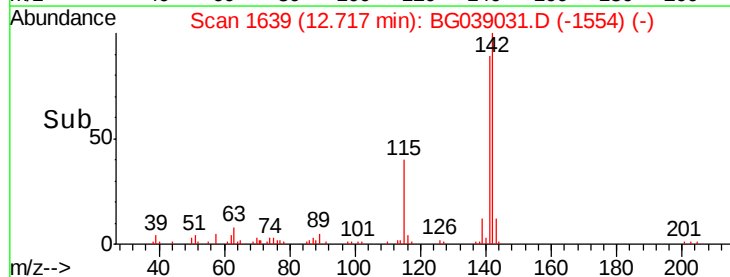
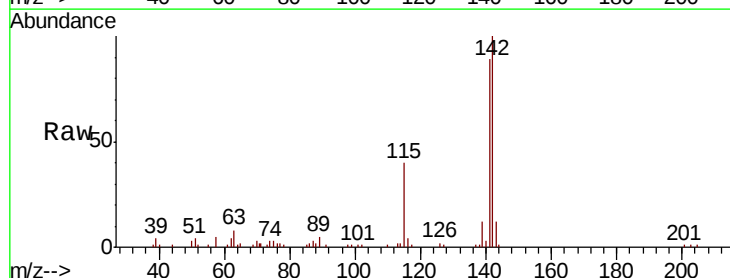
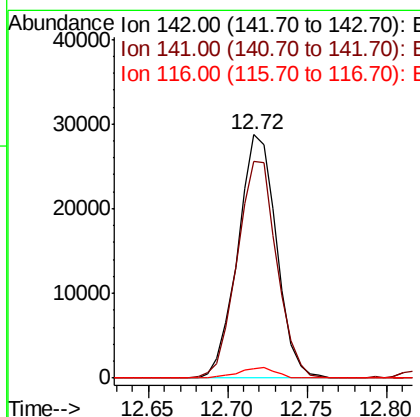
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#38
1-Methylnaphthalene
Concen: 13.860 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.3	109.9
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

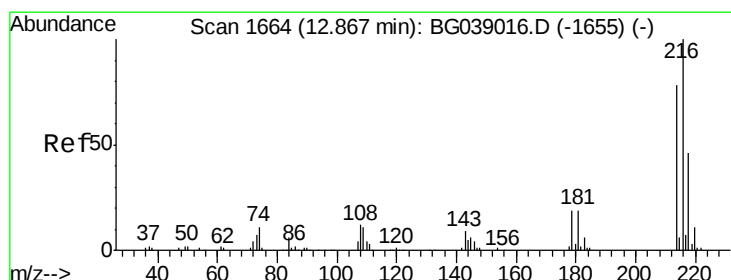
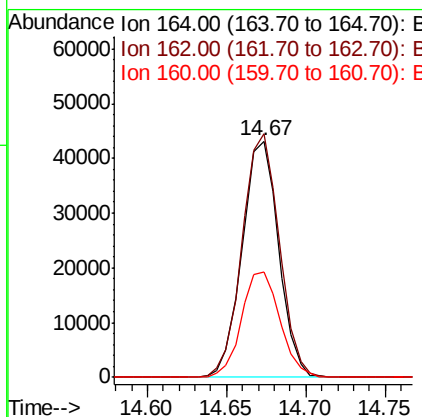
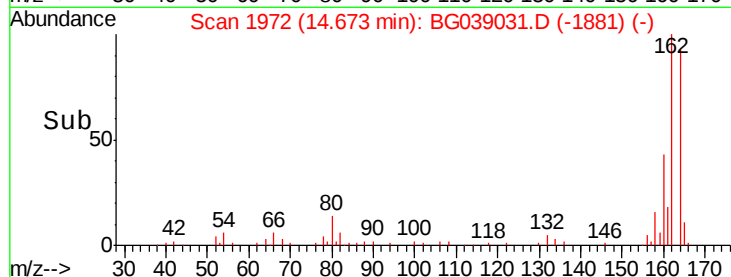
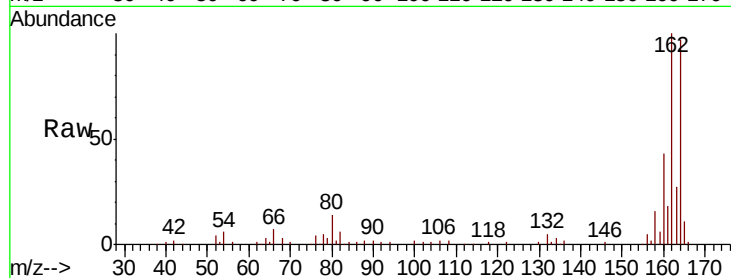
ClientSampleId :

SP-1-4MS

Tot Ion:	164	Resp:	68923
Ion Ratio	Lower	Upper	
164	100		
162	103.1	87.2	130.8
160	44.4	33.3	49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 11.710 ng

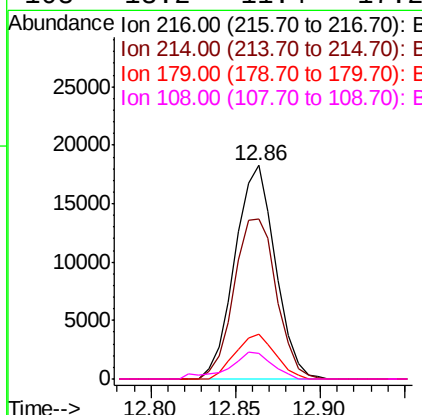
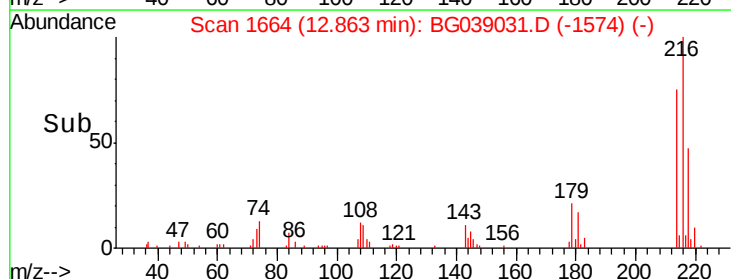
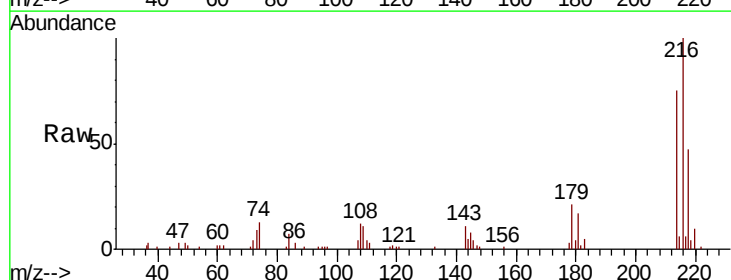
RT: 12.86 min Scan# 1664

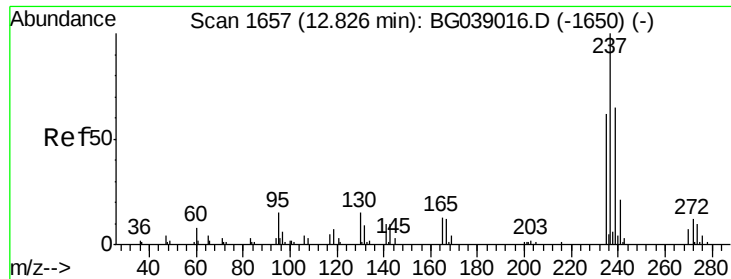
Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	216	Resp:	30312
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.4	95.2
179	20.7	15.5	23.3
108	13.2	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 17.313 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

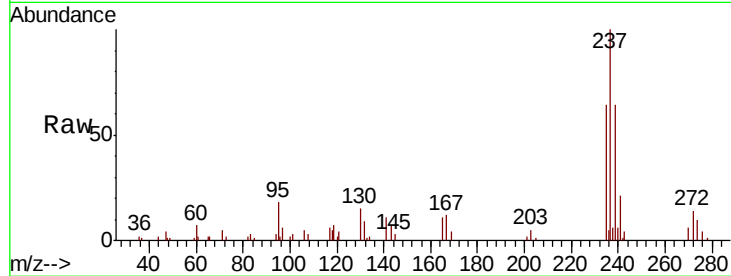
ClientSampleId :

SP-1-4MS

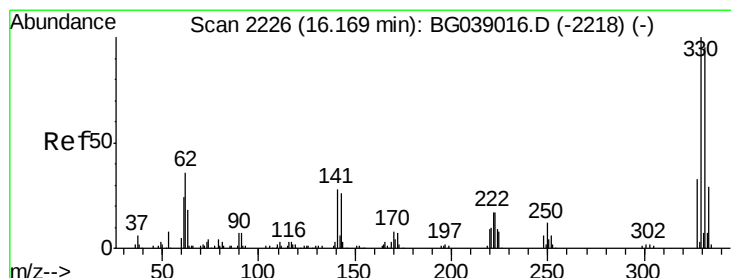
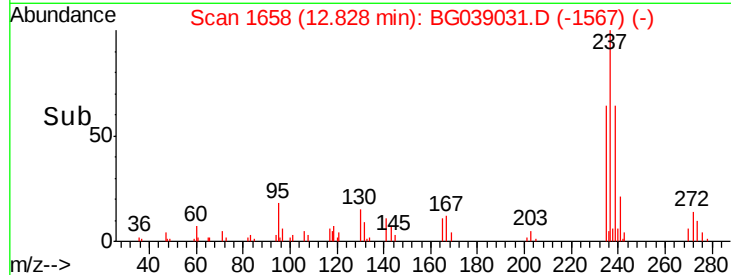
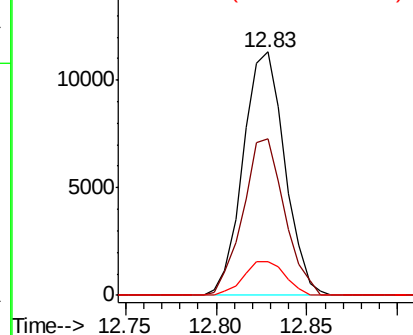
Tot Ion:	237	Resp:	18183
Ion Ratio	Lower	Upper	
237	100		
235	64.1	41.7	81.7
272	13.9	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 68.460 ng

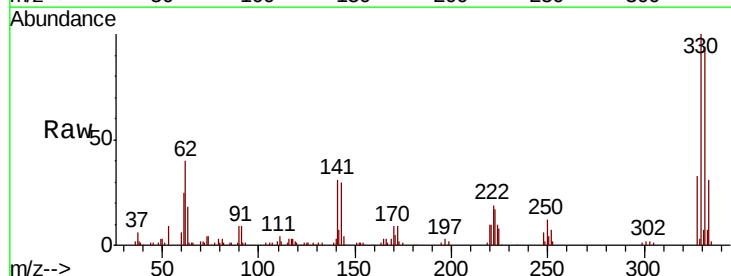
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

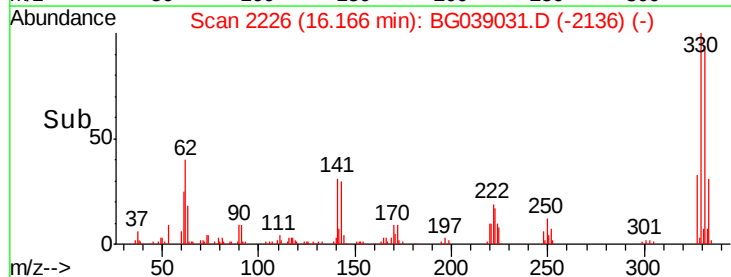
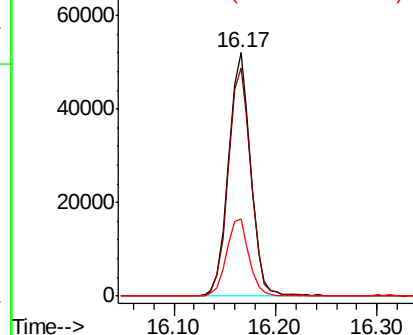
Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	330	Resp:	79095
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.7	113.5
141	31.9	24.9	37.3



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





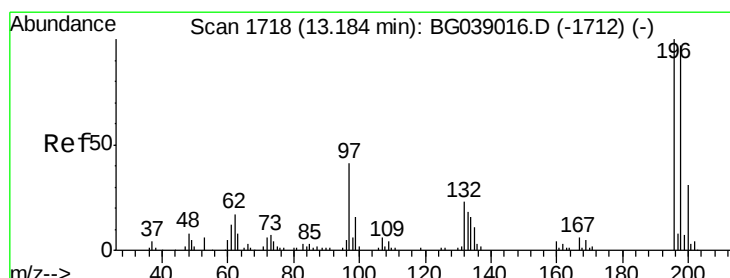
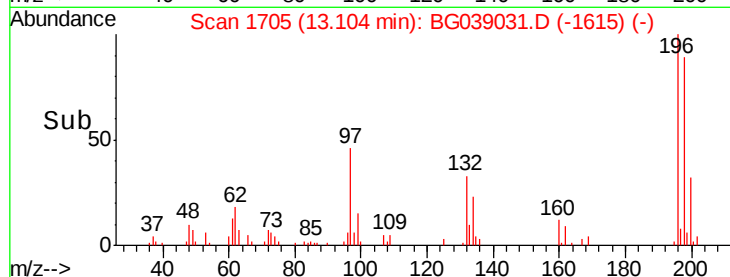
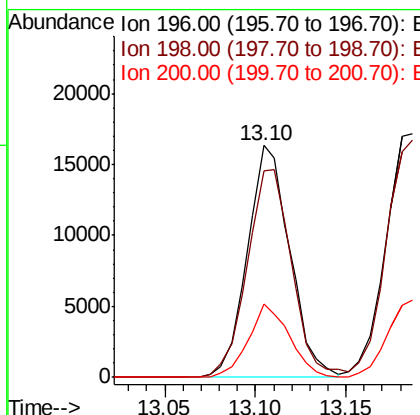
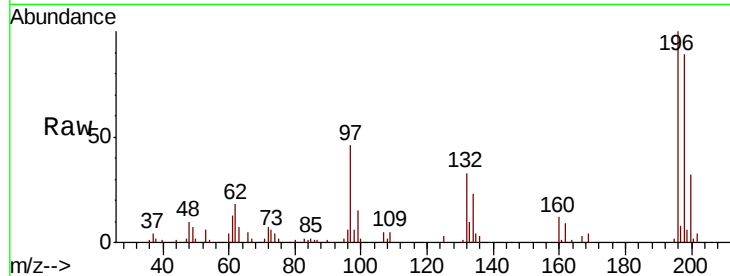
#43
2,4,6-Trichlorophenol
Concen: 16.294 ng
RT: 13.10 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampled :
SP-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	26544		
198	89.3	74.5	111.7	
200	33.8	23.8	35.6	

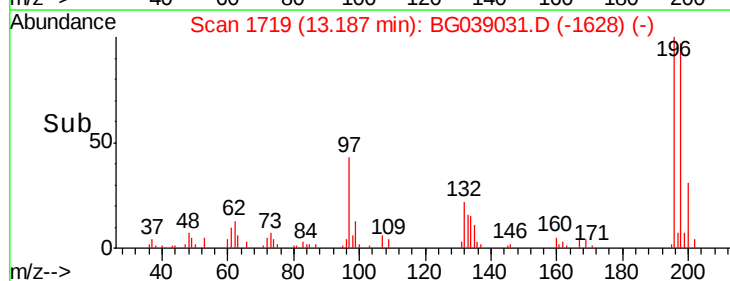
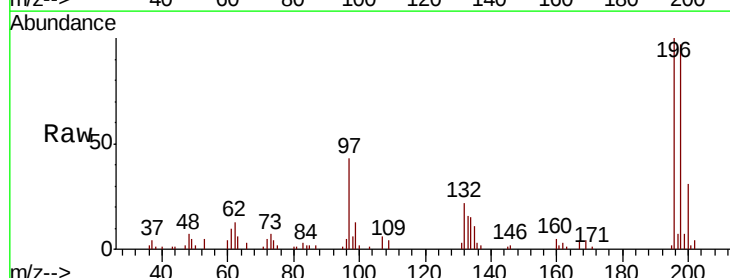
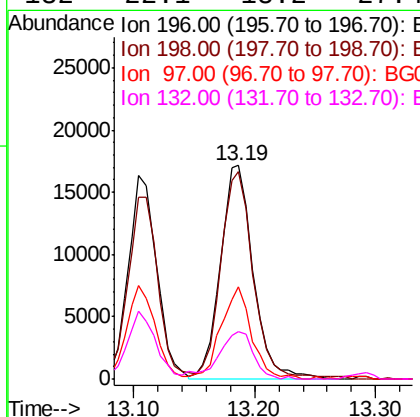
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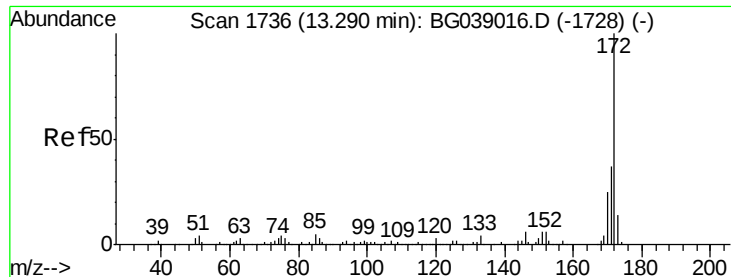
Sohil
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#44
2,4,5-Trichlorophenol
Concen: 18.707 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	32210		
198	97.2	78.1	117.1	
97	43.4	33.2	49.8	
132	22.1	18.2	27.4	





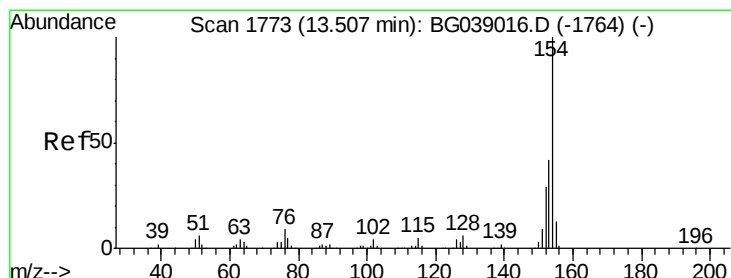
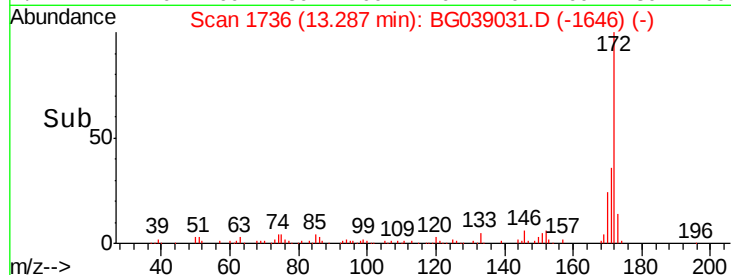
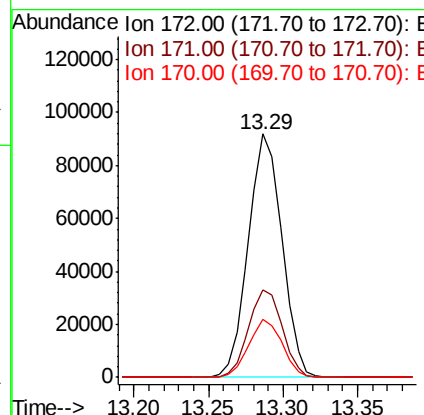
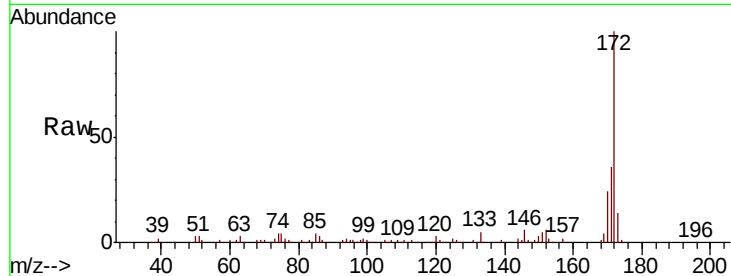
#45
2-Fluorobiphenyl
Concen: 28.470 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.8	20.1	30.1

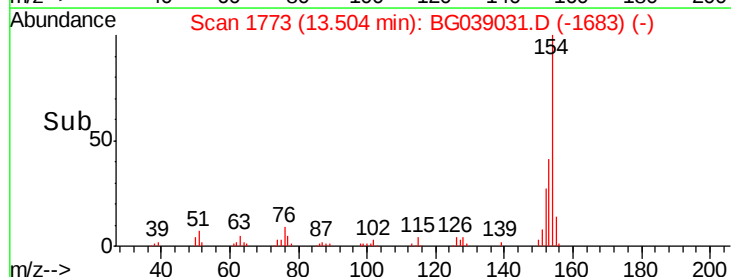
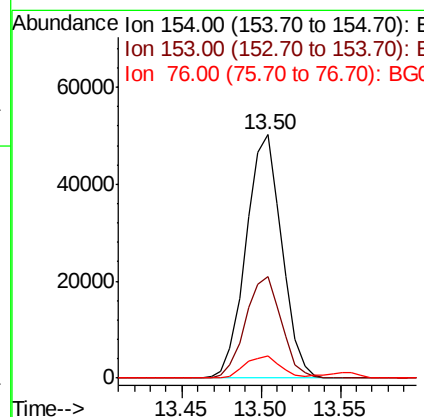
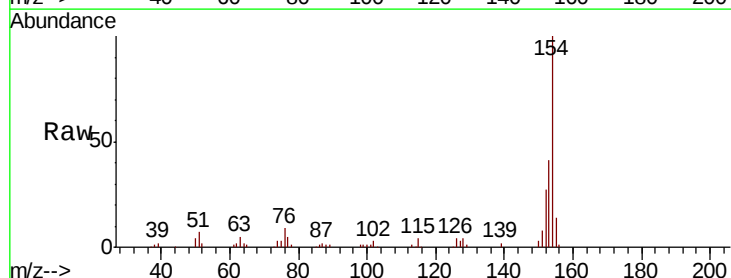
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#46
1,1'-Biphenyl
Concen: 14.391 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.4	62.4
76	8.9	0.0	29.4





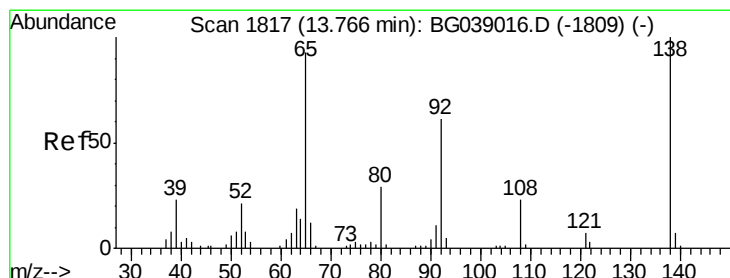
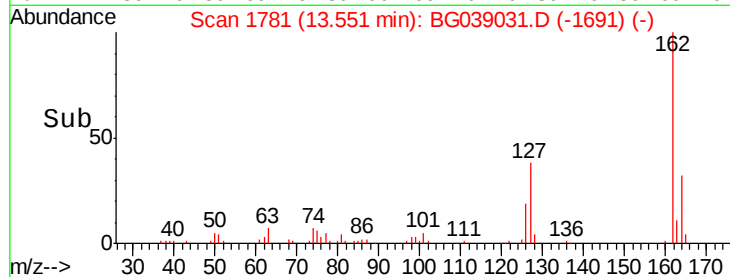
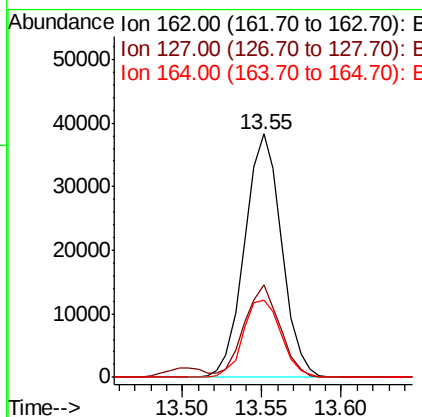
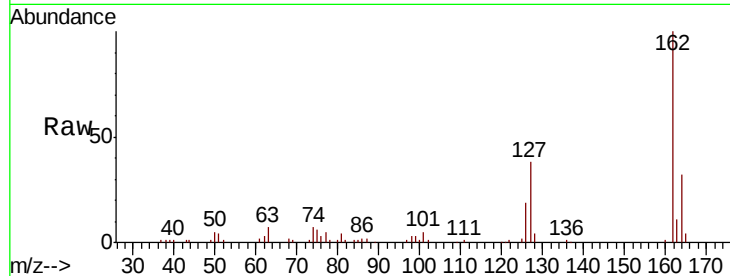
#47
 2-Chloronaphthalene
 Concen: 14.017 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-4MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	28.4	42.6
164	31.6	26.3	39.5

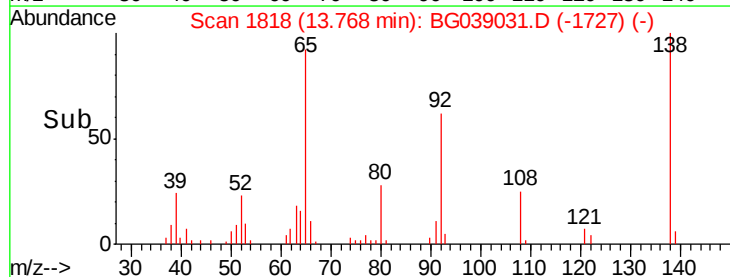
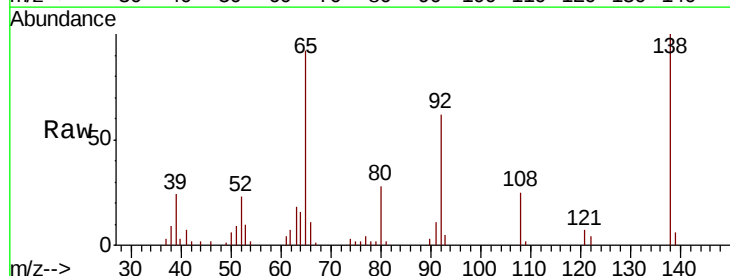
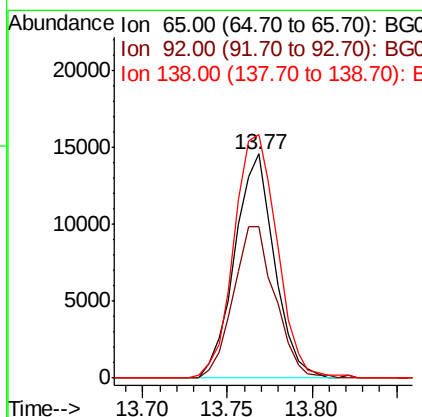
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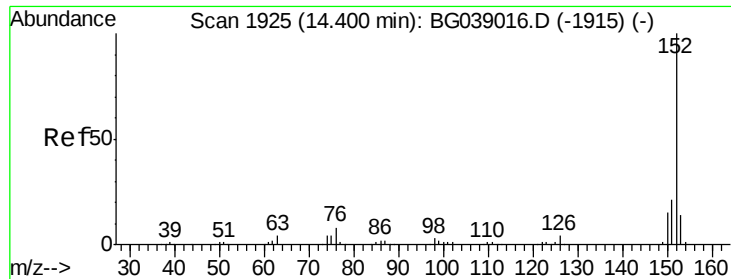
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#48
 2-Nitroaniline
 Concen: 19.253 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	52.2	78.4
138	108.5	86.0	129.0





#49

Acenaphthylene

Concen: 18.066 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

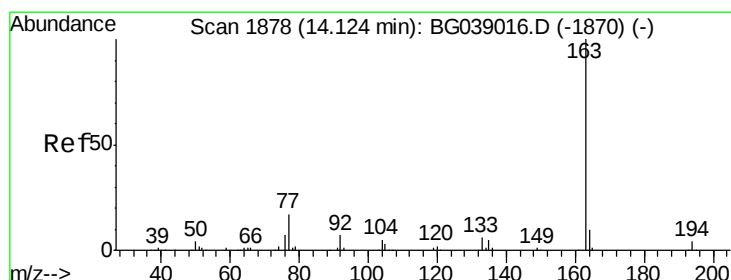
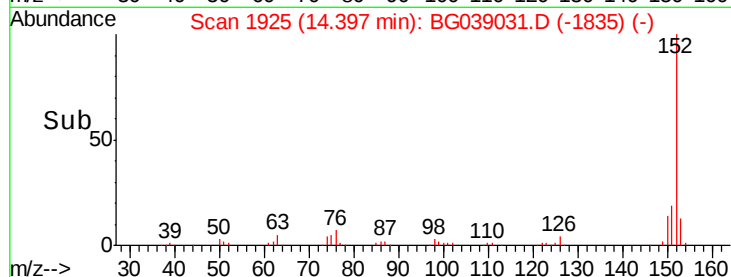
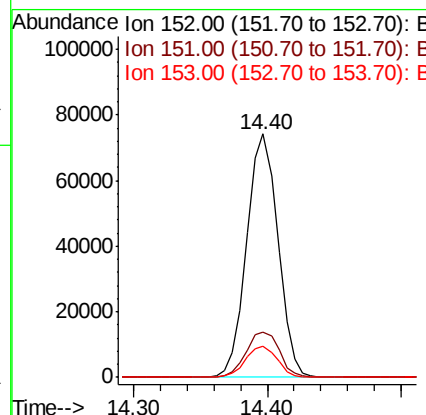
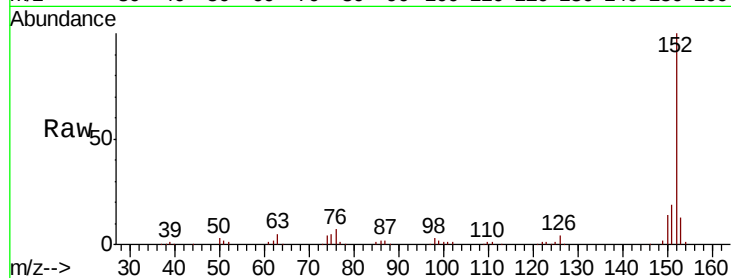
ClientSampleId :

SP-1-4MS

Tot Ion:	152	Resp:	120007
Ion Ratio	Lower	Upper	
152	100		
151	18.6	17.0	25.4
153	13.0	11.2	16.8

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#50

Dimethylphthalate

Concen: 29.713 ng

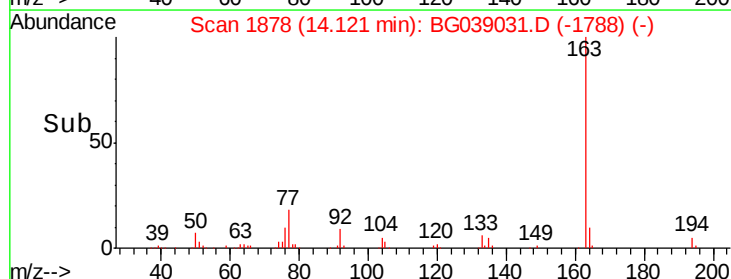
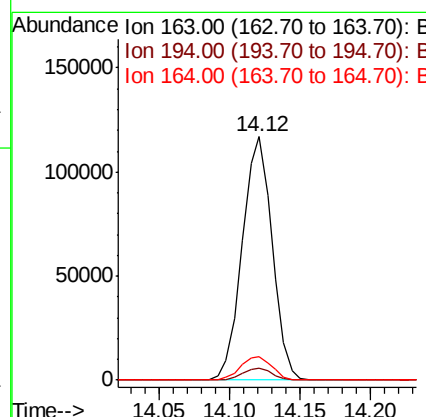
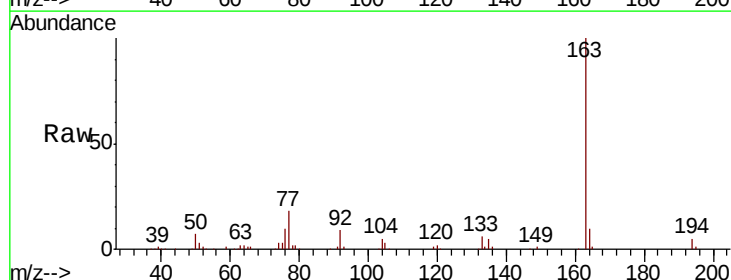
RT: 14.12 min Scan# 1878

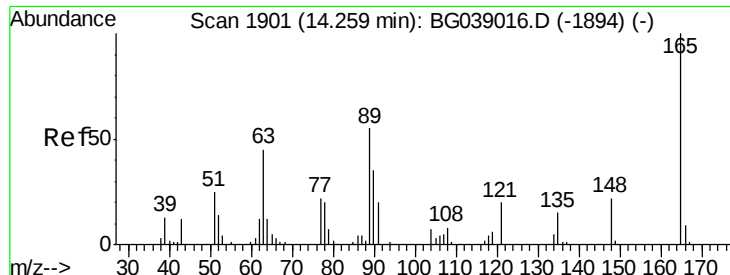
Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	163	Resp:	173057
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.6	5.4
164	9.8	8.2	12.2





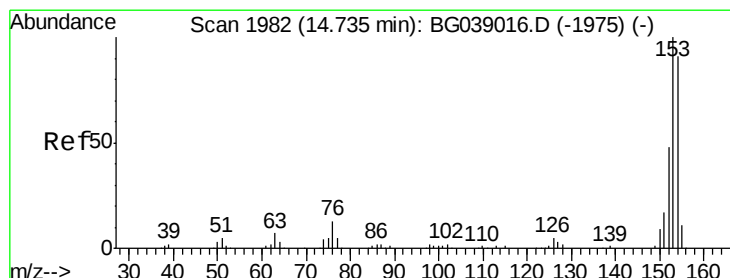
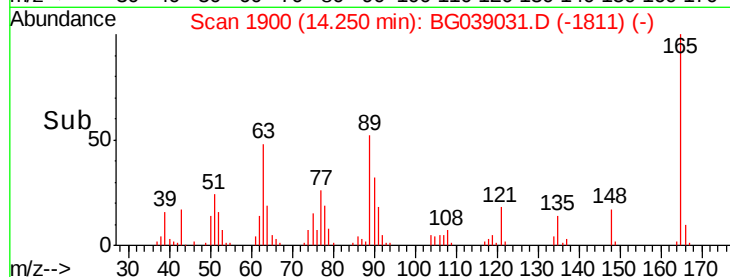
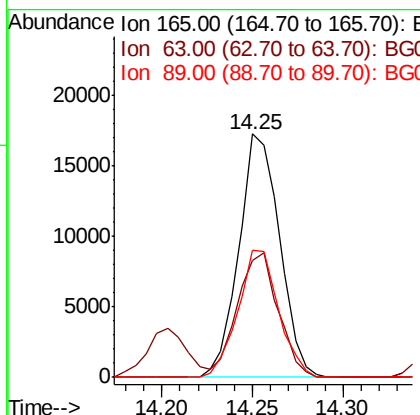
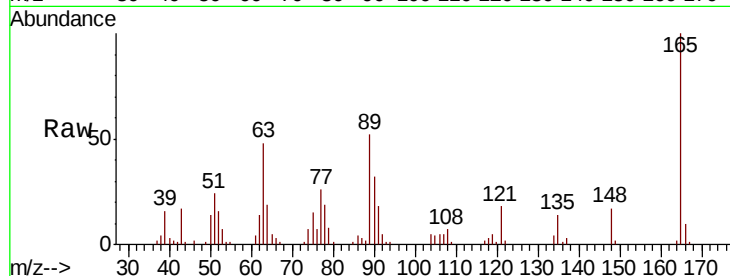
#51
 2,6-Dinitrotoluene
 Concen: 20.689 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-4MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.8	43.6	65.4
89	52.4	43.7	65.5

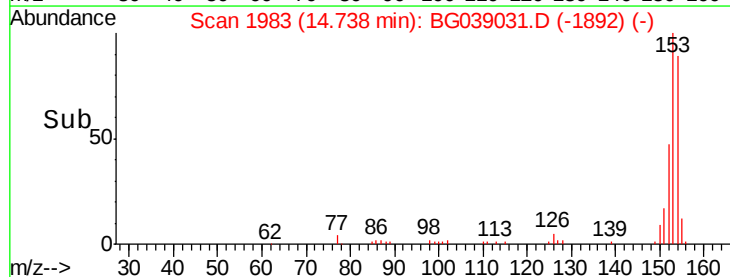
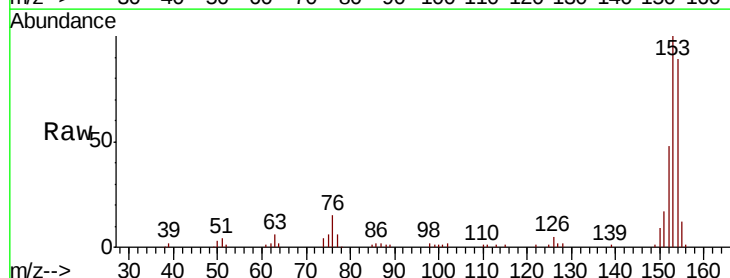
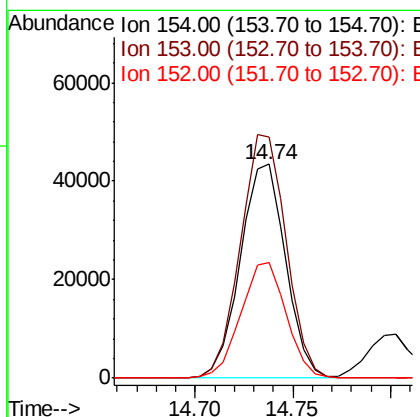
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#52
 Acenaphthene
 Concen: 17.467 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	87.9	131.9
152	54.3	42.2	63.2





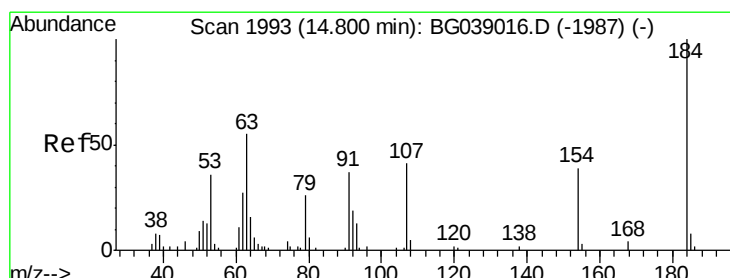
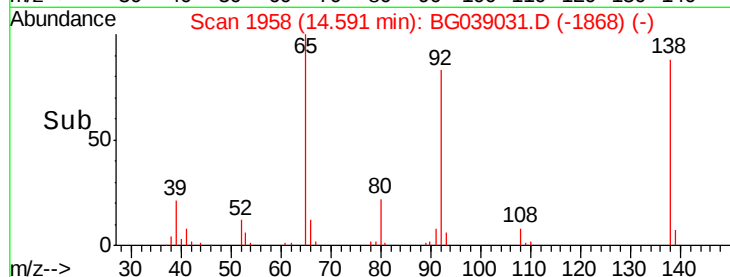
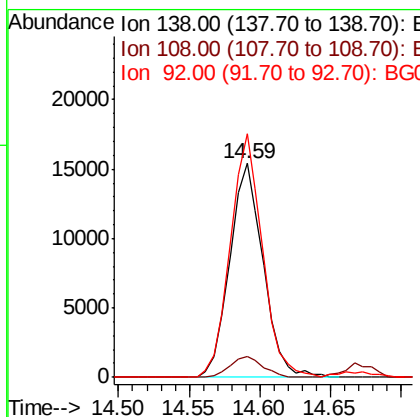
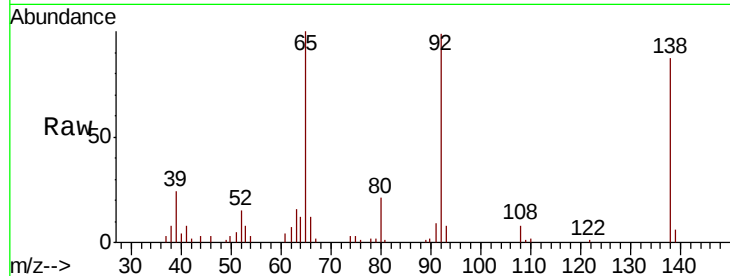
#53
3-Nitroaniline
Concen: 19.201 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.4	11.0
92	113.8	88.2	132.4

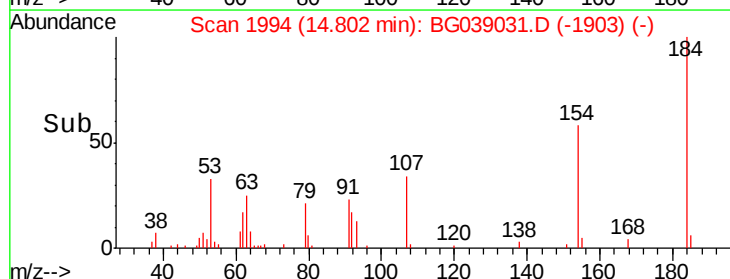
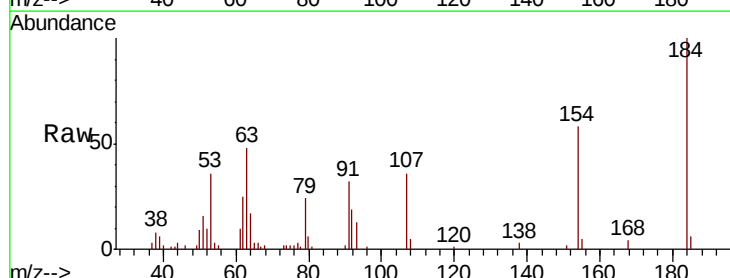
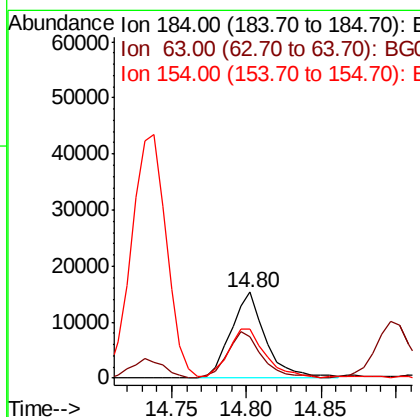
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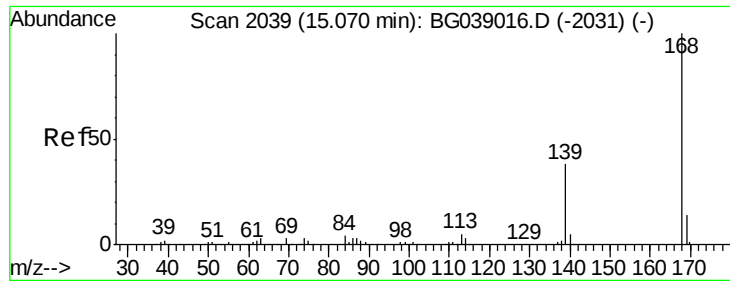
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#54
2,4-Dinitrophenol
Concen: 35.151 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.0	44.0	66.0
154	57.6	46.1	69.1





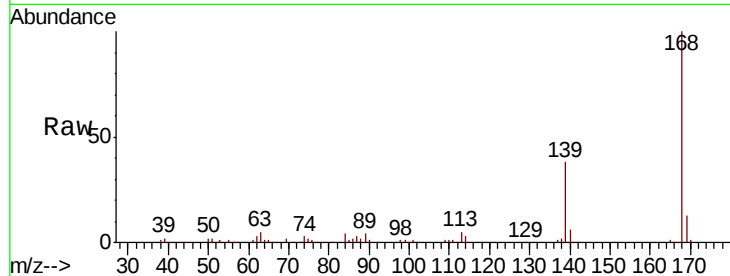
#55
Dibenzenofuran
Concen: 18.378 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	12.9	10.9	16.3

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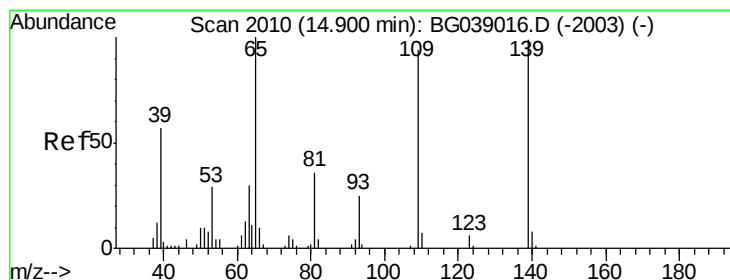
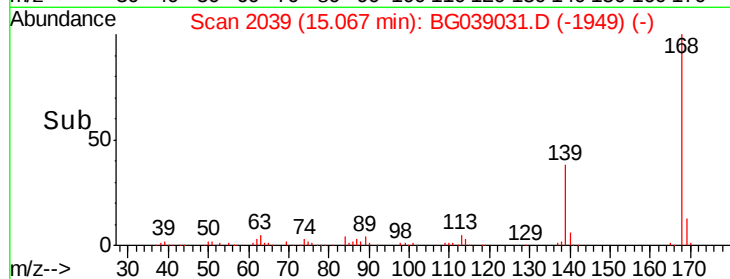
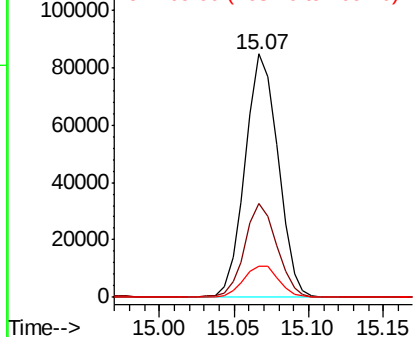


Abundance

Ion 168.00 (167.70 to 168.70): E

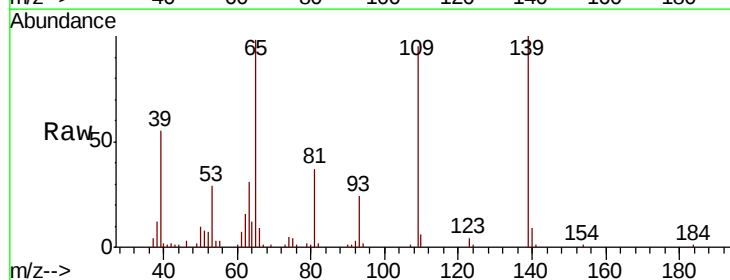
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 57.018 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.1	75.6	115.6
65	97.7	81.2	121.2

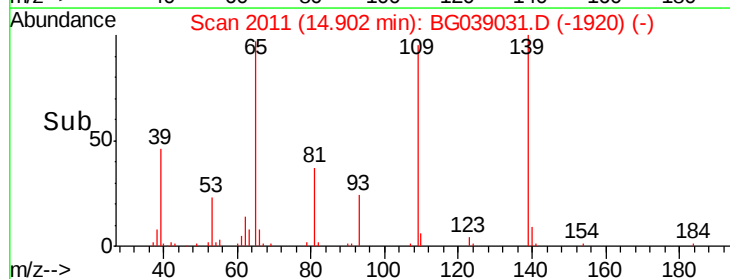
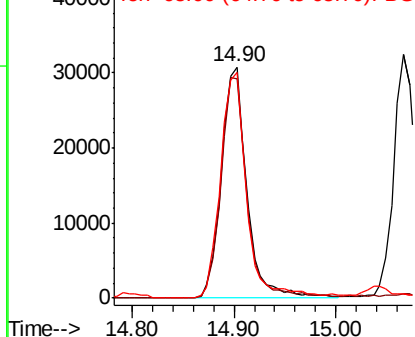


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





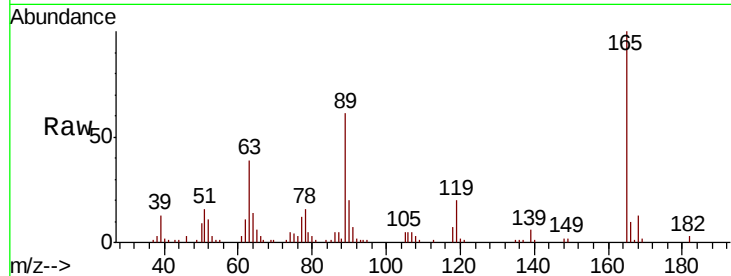
#57
 2,4-Dinitrotoluene
 Concen: 23.451 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-4MS

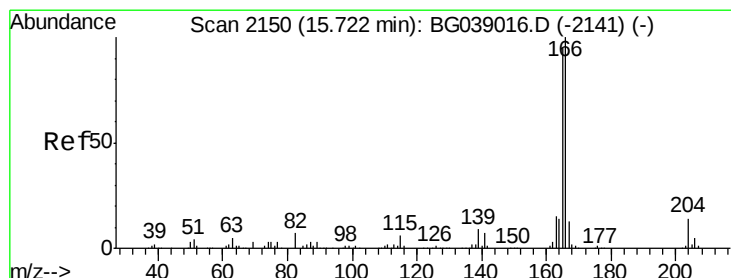
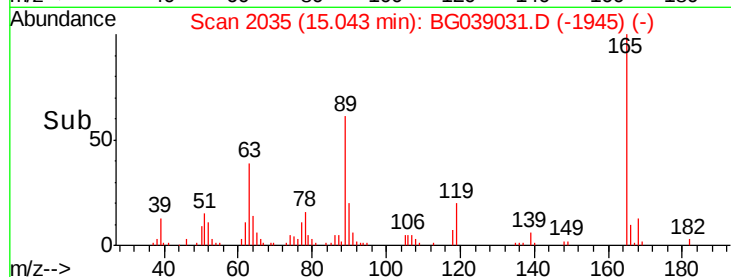
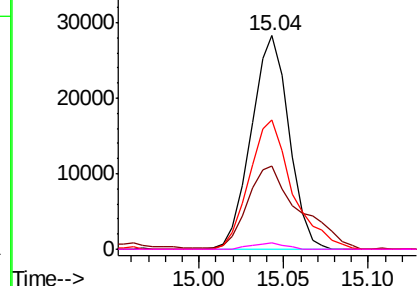
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		43811		
63	39.0		30.2	45.4	
89	60.8		53.2	79.8	
182	2.9		2.7	4.1	

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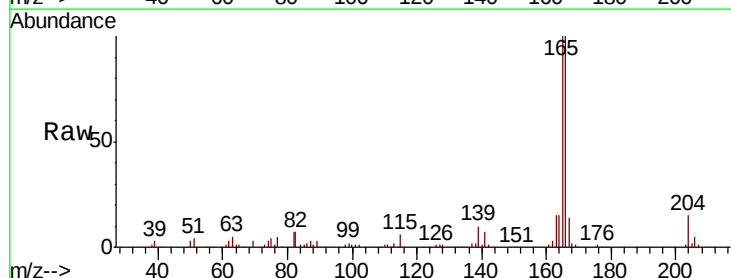


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

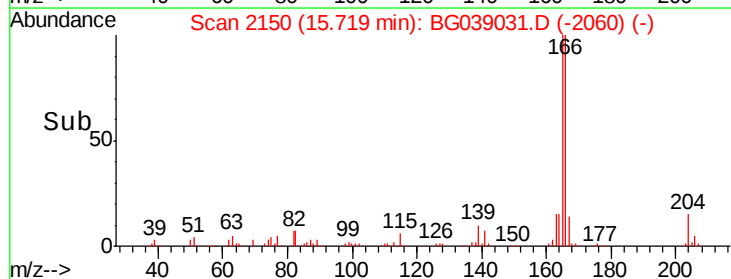
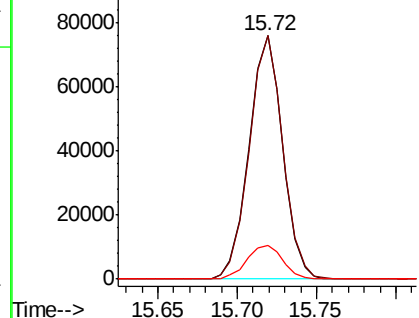


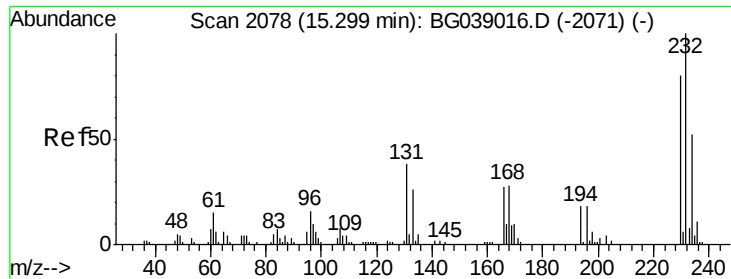
#58
 Fluorene
 Concen: 21.050 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG039031.D
 Acq: 9 Jan 2019 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		111688		
165	100.0		76.2	114.2	
167	13.8		10.6	16.0	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





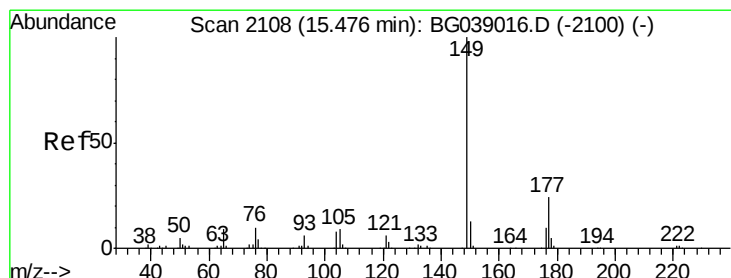
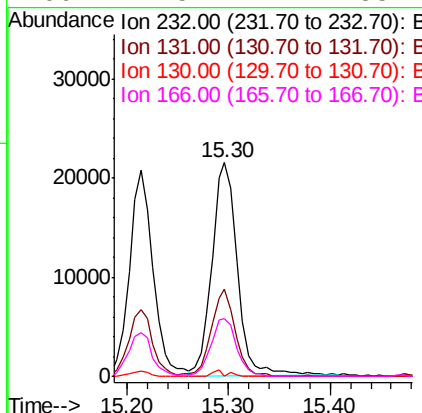
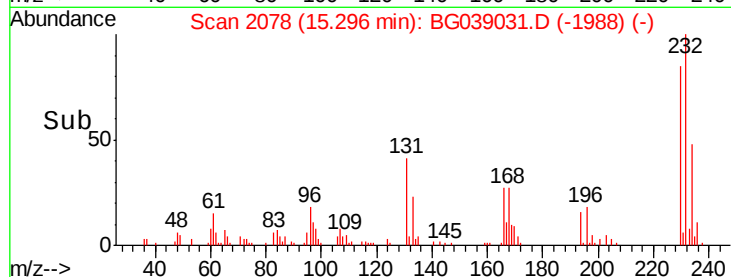
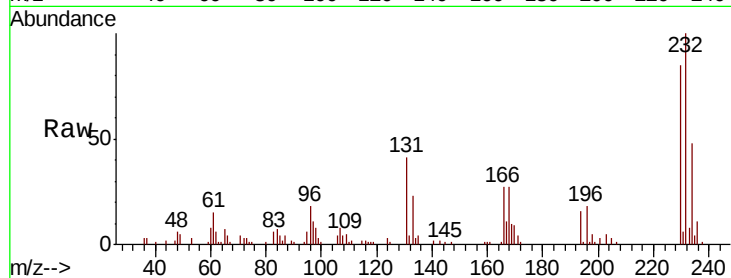
#59
2,3,4,6-Tetrachlorophenol
Concen: 22.757 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampled :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.3	30.9	46.3
130	1.4	1.9	2.9
166	27.5	22.1	33.1

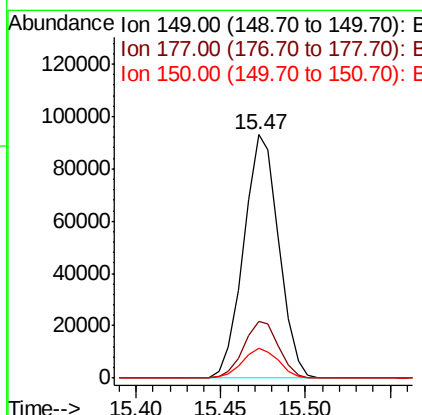
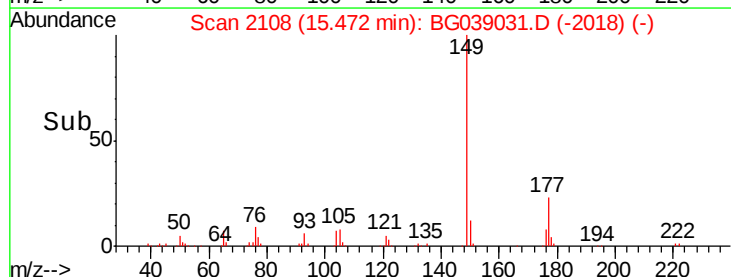
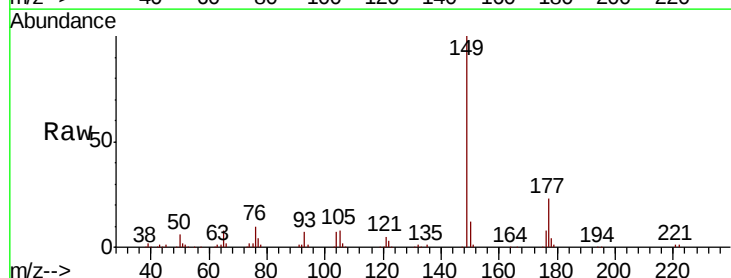
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#60
Diethylphthalate
Concen: 22.418 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.0	28.6
150	12.4	10.2	15.4





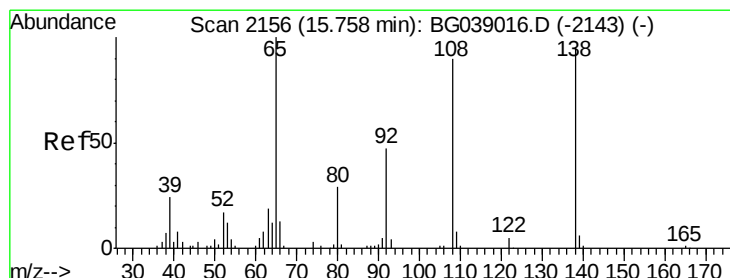
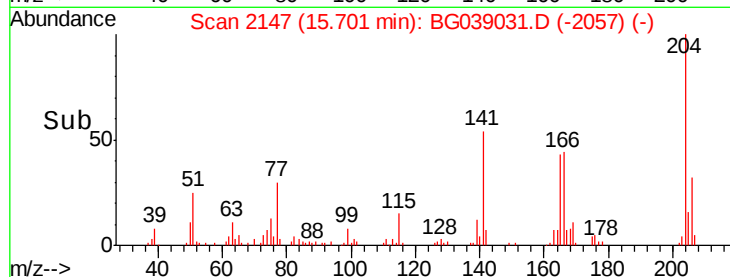
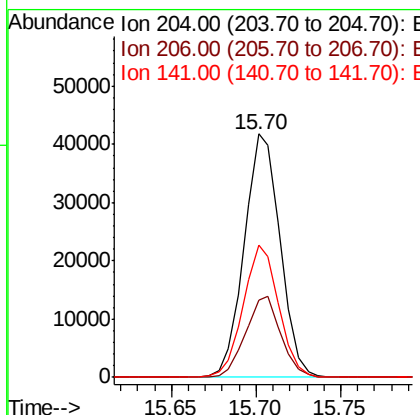
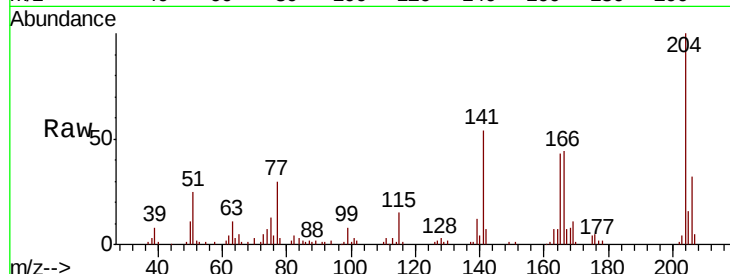
#61
4-Chlorophenyl-phenylether
Concen: 18.421 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.6	39.8
141	54.4	41.4	62.0

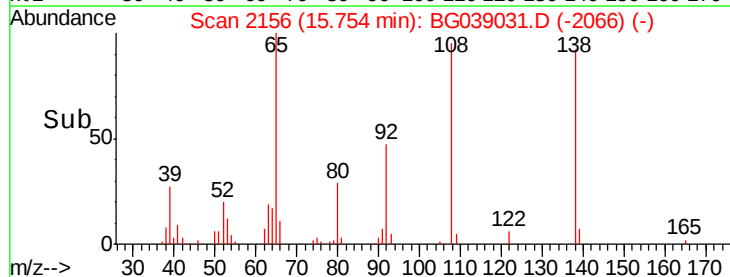
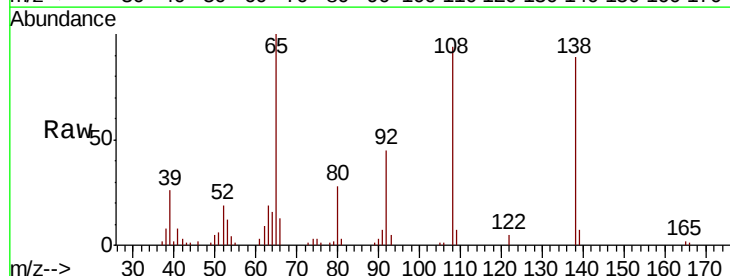
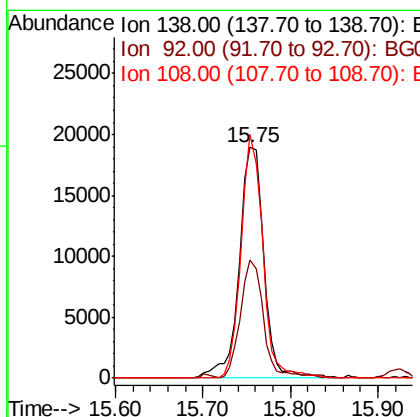
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#62
4-Nitroaniline
Concen: 26.115 ng
RT: 15.75 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	29.7	69.7
108	105.6	75.7	115.7





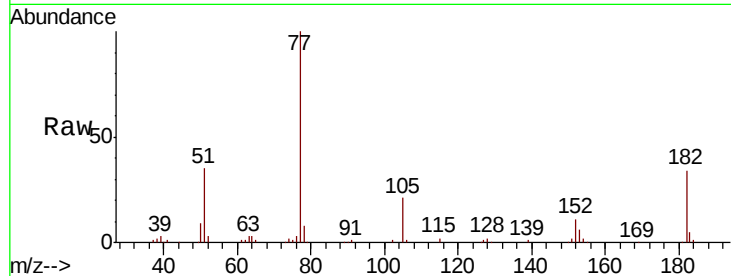
#63
Azobenzene
Concen: 19.790 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

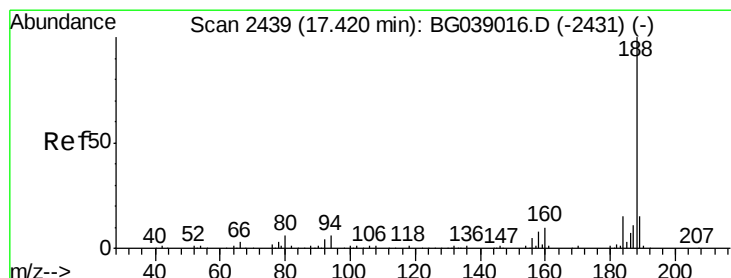
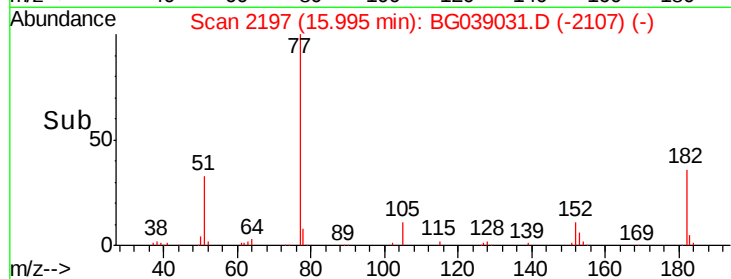
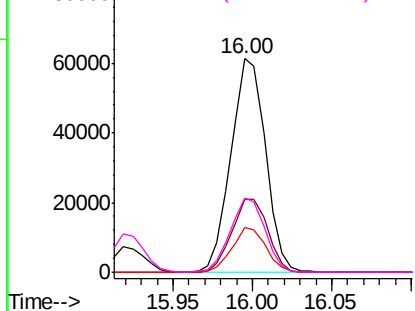
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		92872		
182	34.5	12.2	52.2		
105	20.8	1.2	41.2		
51	34.8	13.4	53.4		

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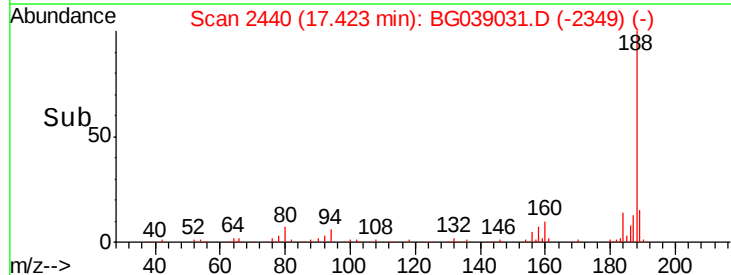
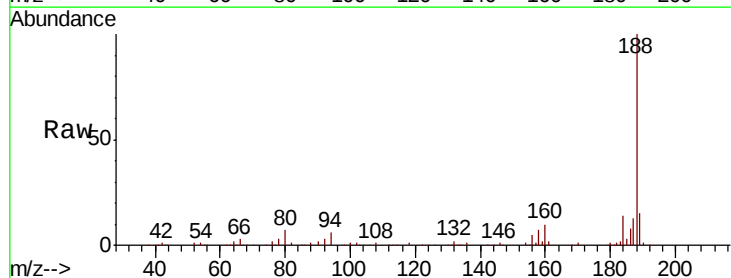
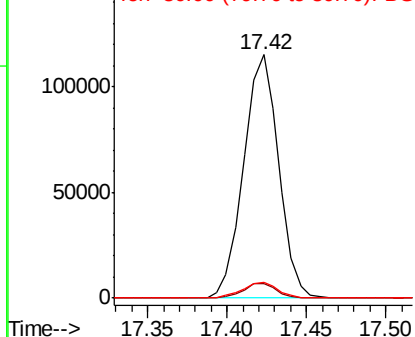
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		176516		
94	5.8	5.0	7.4		
80	6.7	4.7	7.1		

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





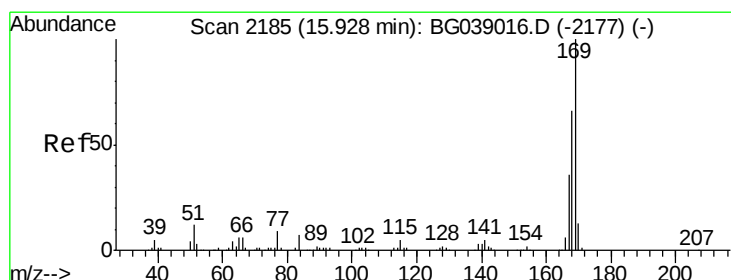
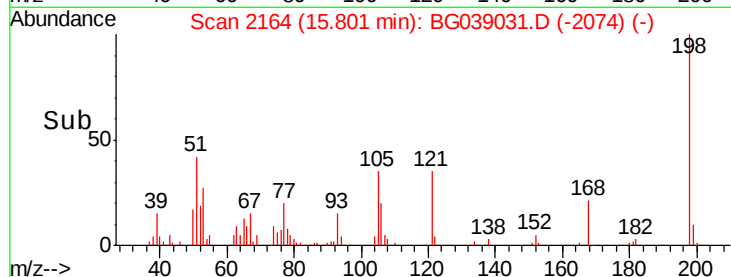
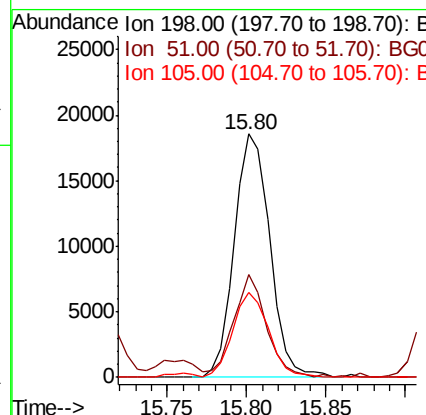
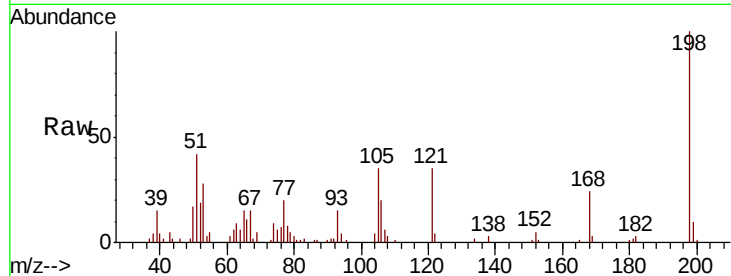
#65
4,6-Dinitro-2-methylphenol
Concen: 22.027 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampled :
SP-1-4MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	28806		
51	42.3		20.8	60.8
105	34.9		16.1	56.1

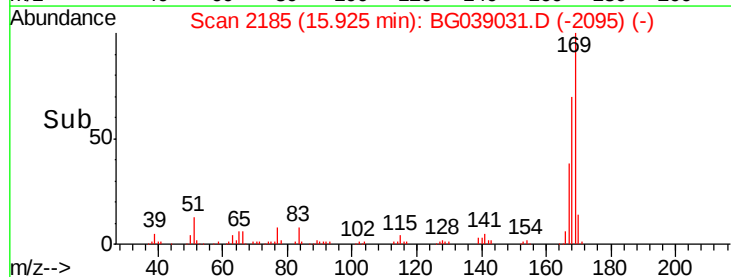
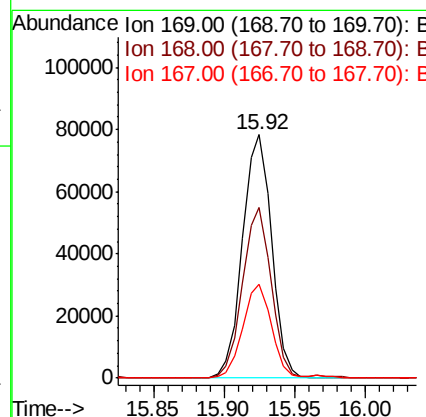
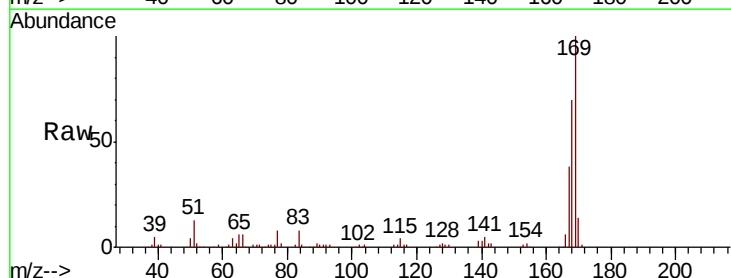
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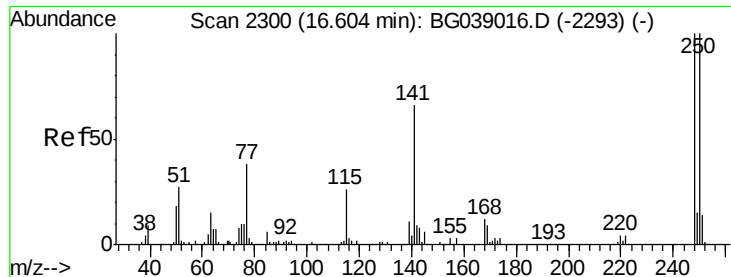
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#66
n-Nitrosodiphenylamine
Concen: 21.556 ng
RT: 15.92 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	112799		
168	70.0		53.2	79.8
167	38.5		29.1	43.7





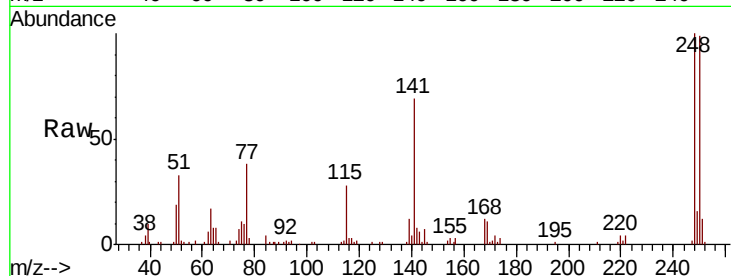
#67
4-Bromophenyl-phenylether
Concen: 20.520 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	79.9	119.9
141	68.7	52.7	79.1

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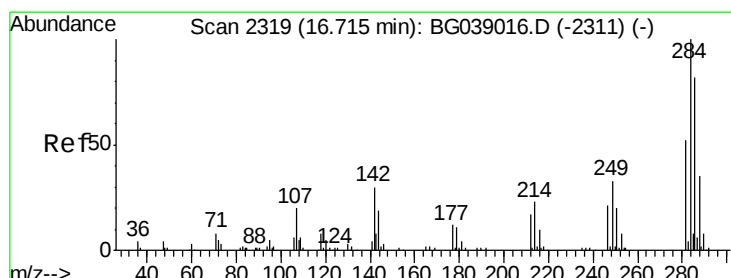
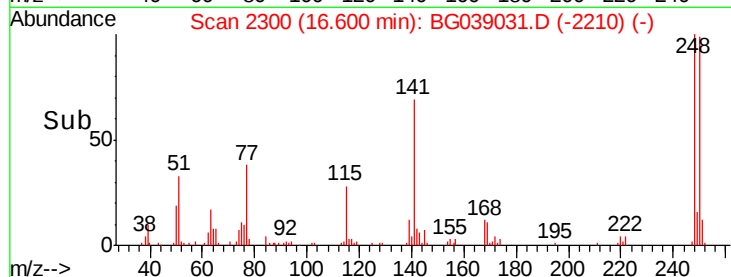
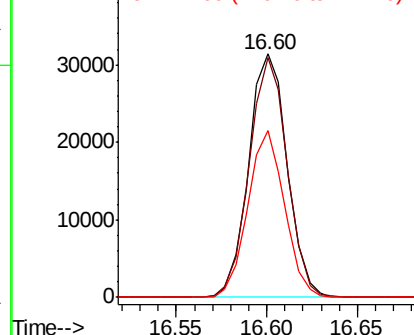


Abundance

Ion 248.00 (247.70 to 248.70): E

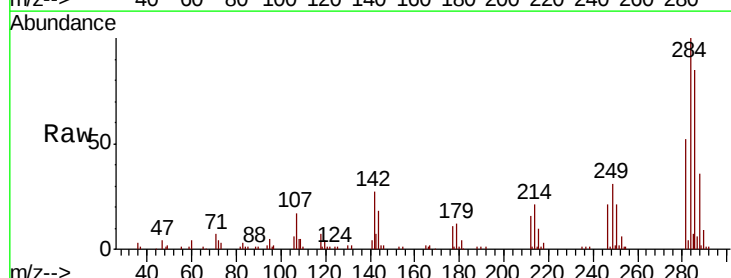
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 21.277 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	24.3	36.5
249	30.9	27.8	41.8

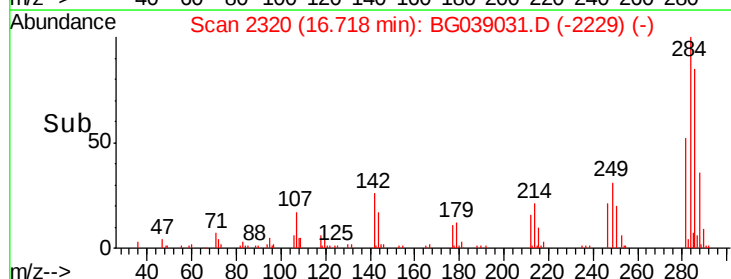
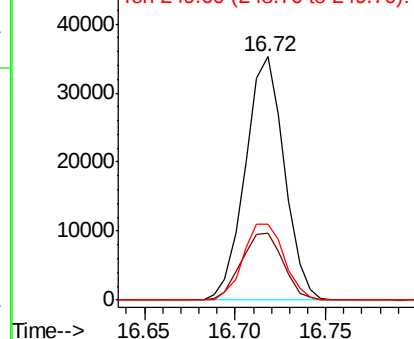


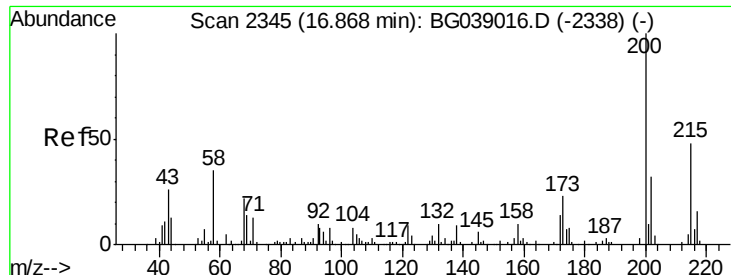
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





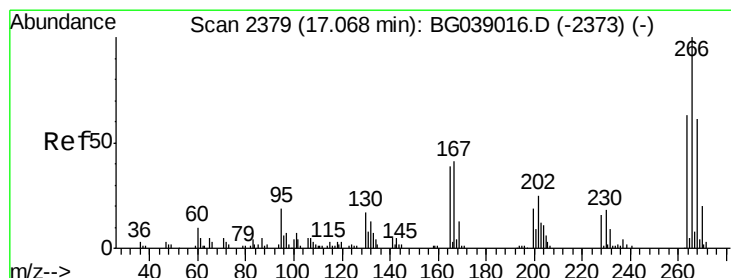
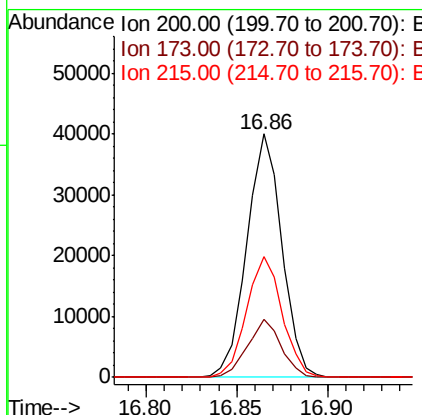
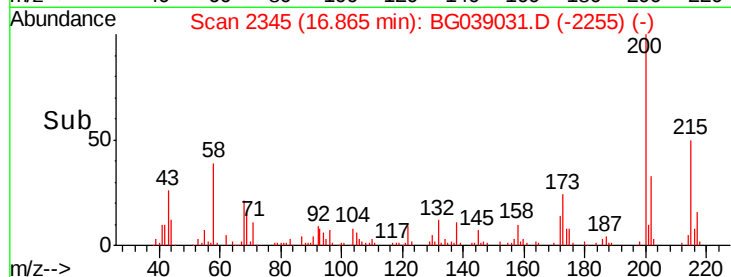
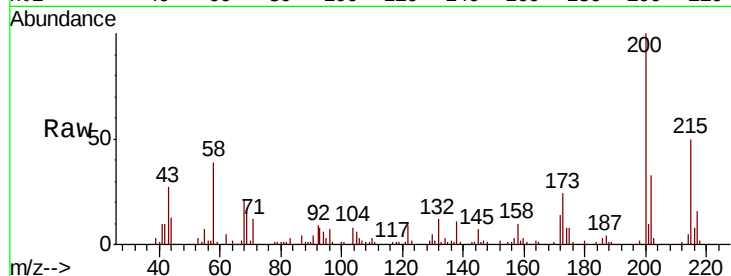
#69
Atrazine
Concen: 24.163 ng
RT: 16.86 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampled :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	2.6	42.6
215	49.7	28.0	68.0

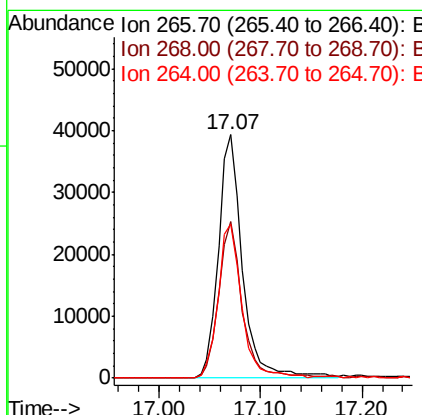
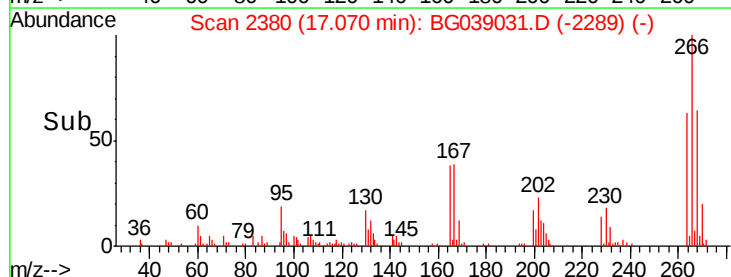
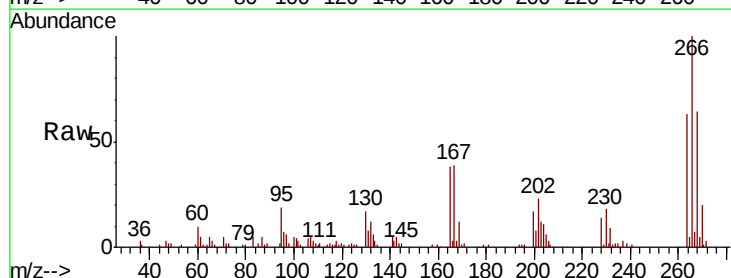
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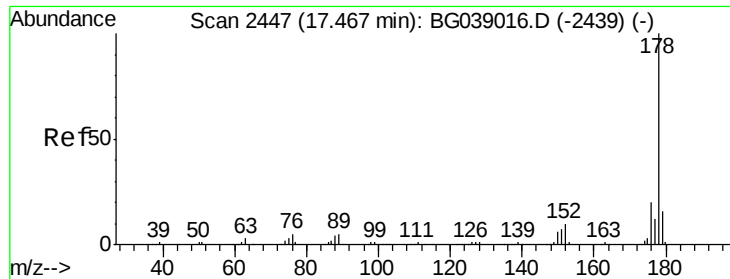
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#70
Pentachlorophenol
Concen: 45.160 ng
RT: 17.07 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.0	78.0
264	68.2	54.6	81.8





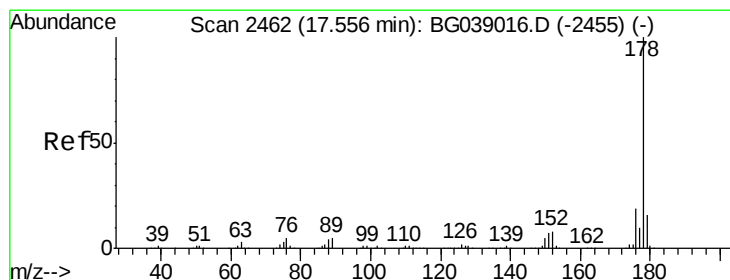
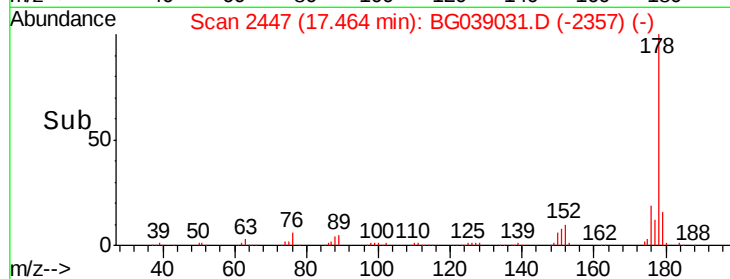
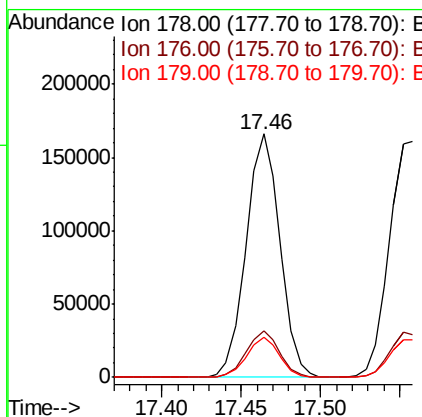
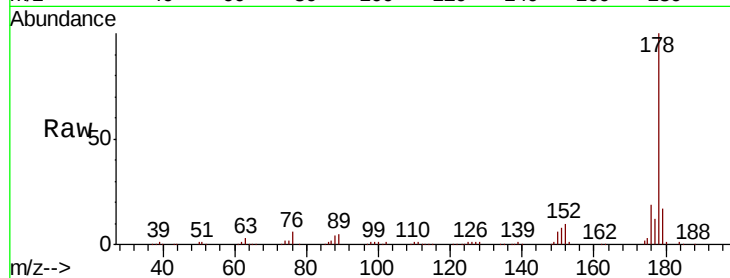
#71
Phenanthrene
Concen: 26.393 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	16.7	12.9	19.3

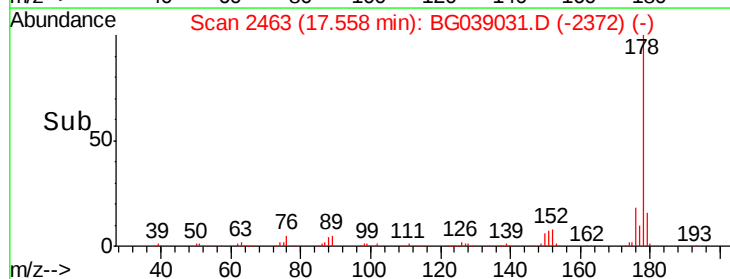
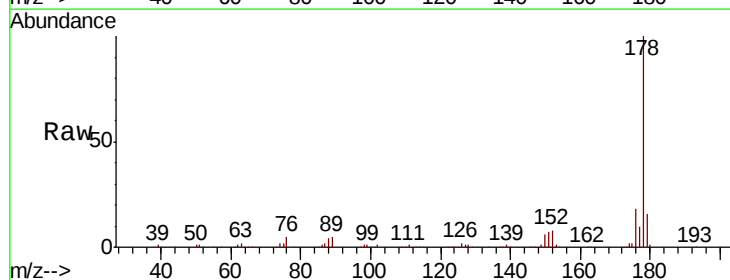
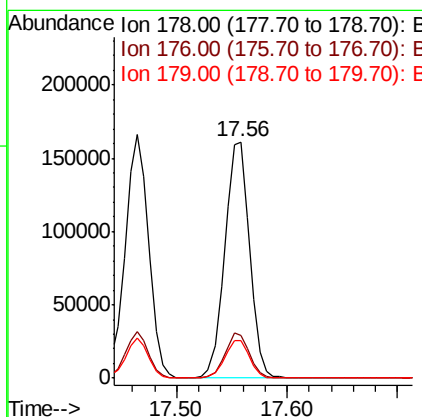
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#72
Anthracene
Concen: 27.474 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.7	13.0	19.4





#73

Carbazole

Concen: 28.972 ng

RT: 17.83 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

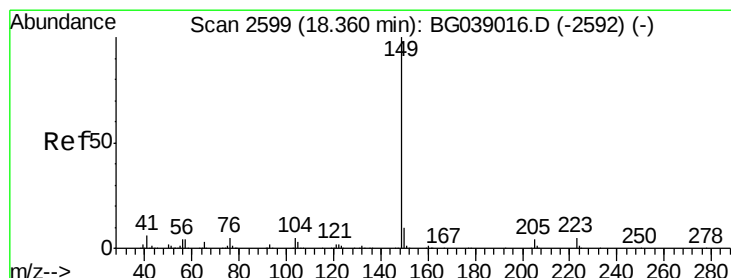
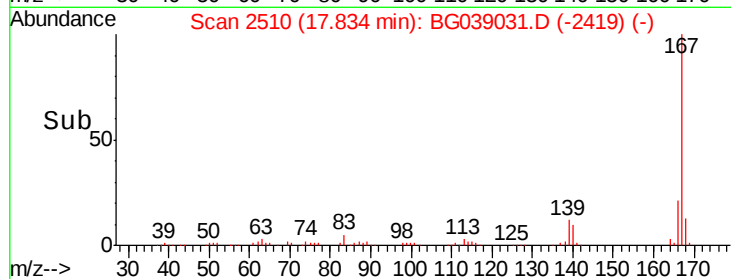
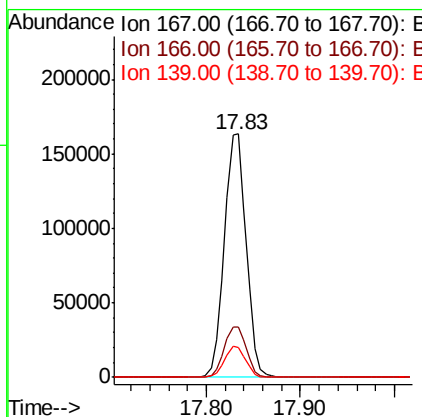
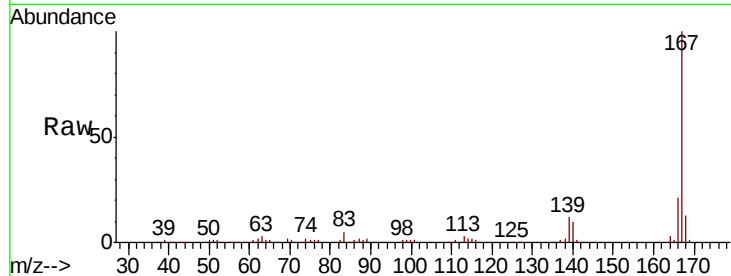
ClientSampleId :

SP-1-4MS

Tot Ion:	167	Resp:	263839
Ion Ratio	Lower	Upper	
167	100		
166	20.7	16.9	25.3
139	12.2	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 30.669 ng

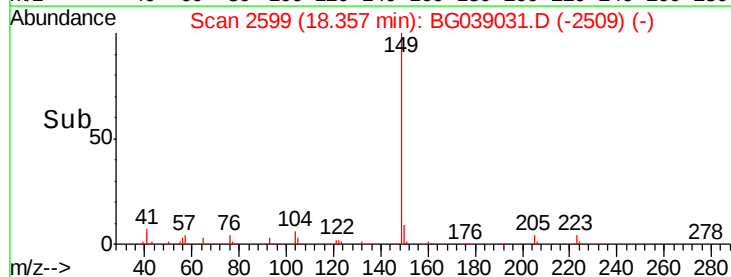
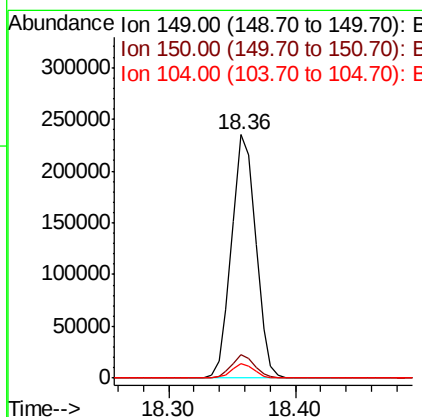
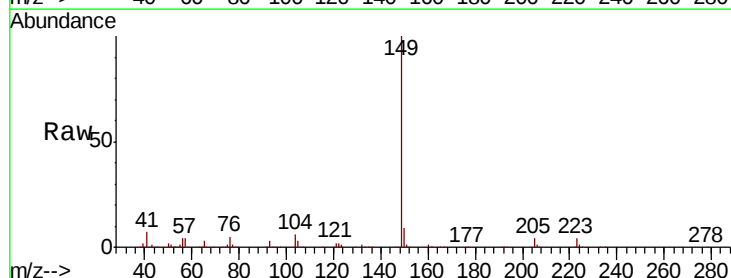
RT: 18.36 min Scan# 2599

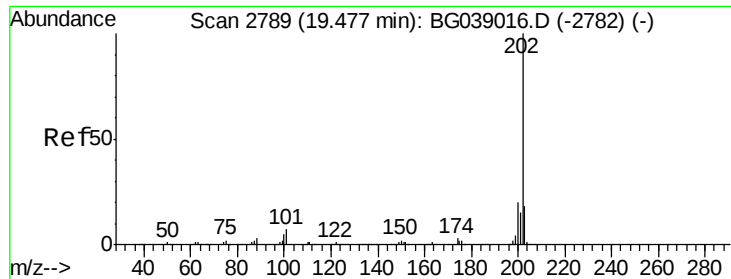
Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	149	Resp:	310704
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.9	11.9
104	5.7	4.2	6.2





#75

Fluoranthene

Concen: 36.234 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

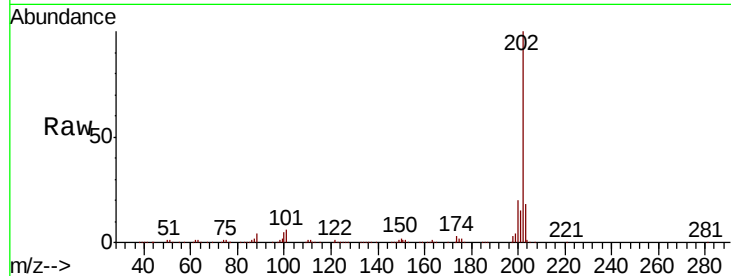
ClientSampleId :

SP-1-4MS

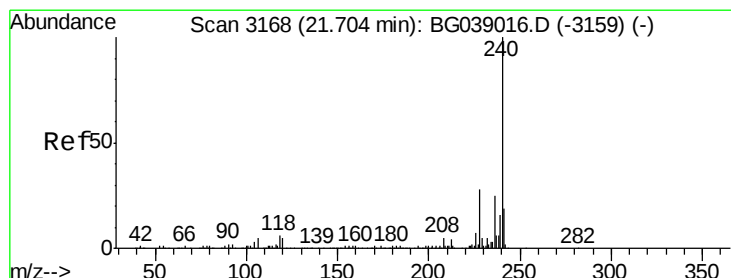
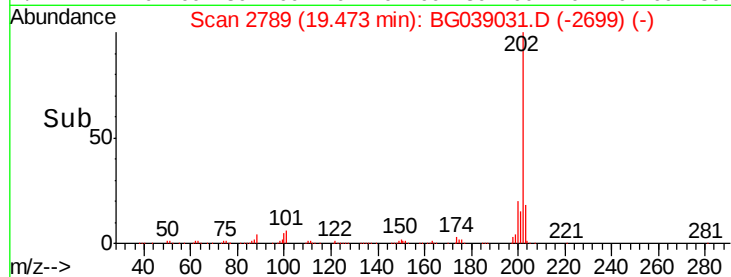
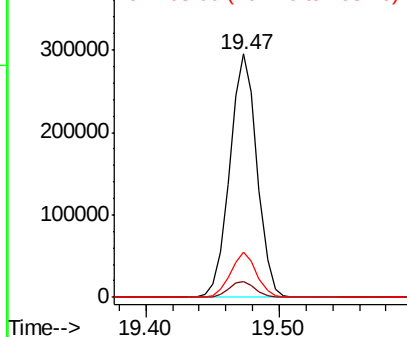
Tot Ion:	202	Resp:	419096
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	26.9
203	18.5	0.0	38.1

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

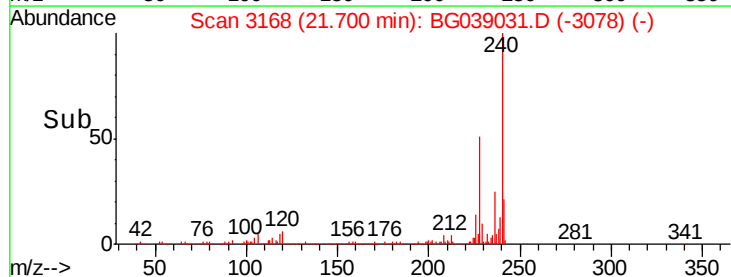
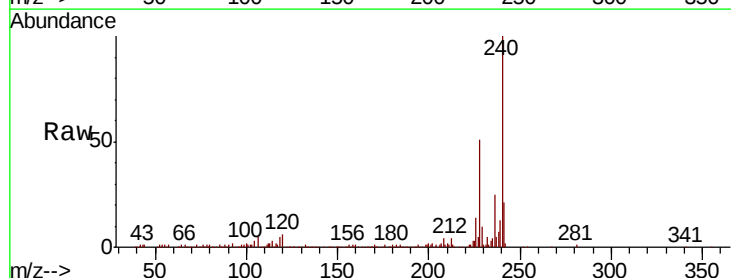
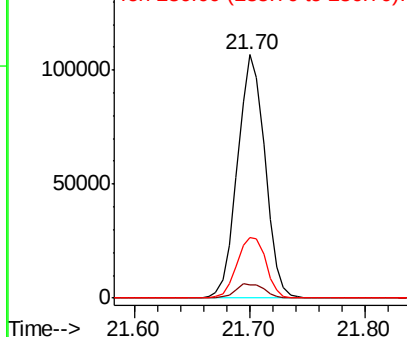
Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	240	Resp:	176398
Ion Ratio	Lower	Upper	
240	100		
120	5.6	4.3	6.5
236	24.9	20.1	30.1

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





#77

Benzidine

Concen: 36.002 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

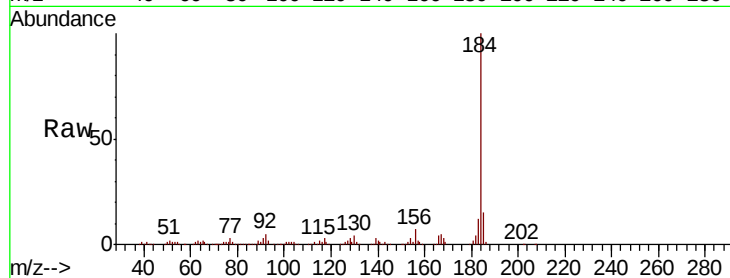
ClientSampleId :

SP-1-4MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.1	18.1
183	11.8	9.5	14.3

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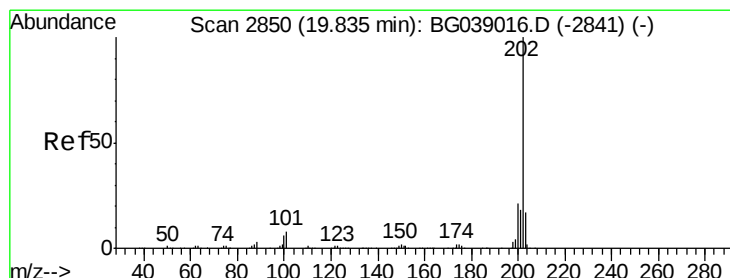
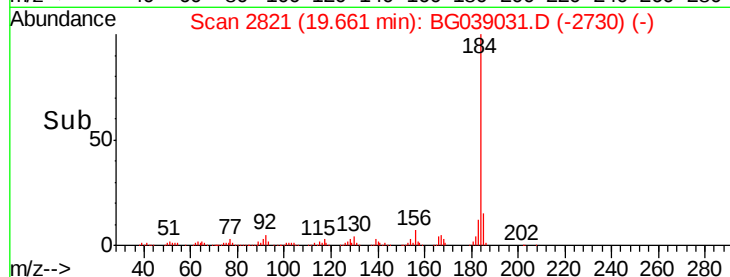
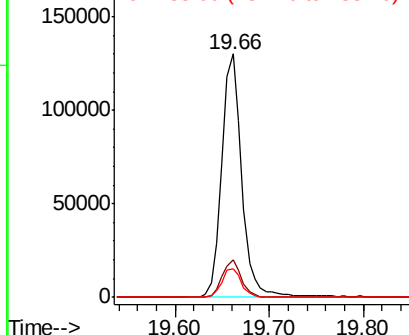


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.710 ng

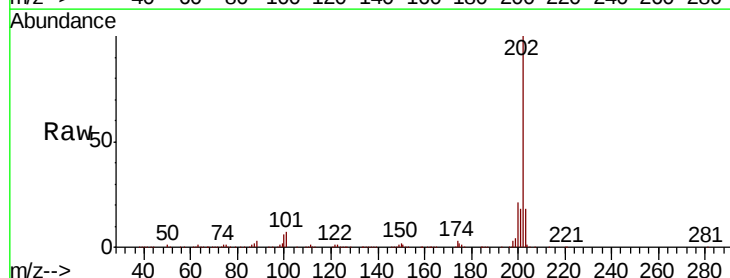
RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	17.6	14.0	21.0

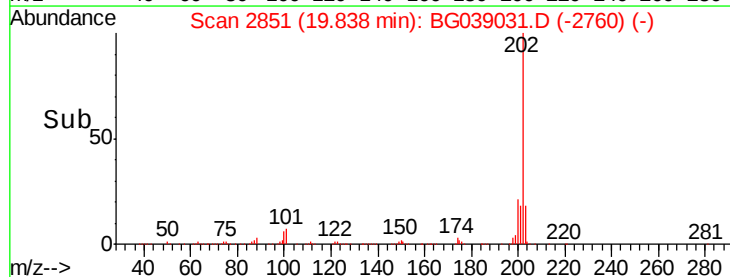
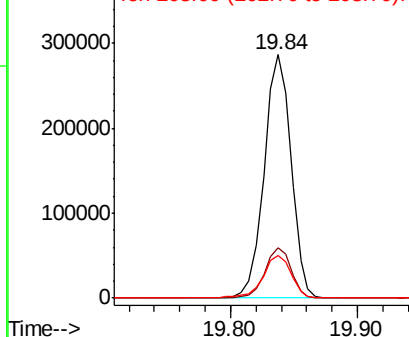


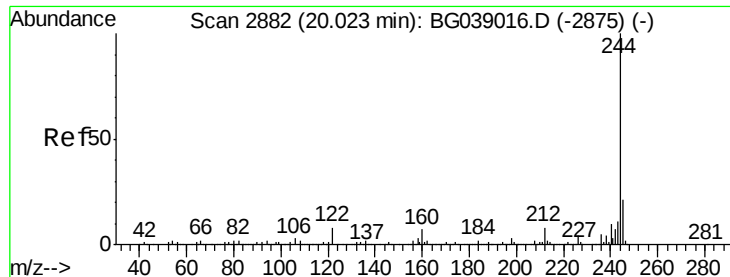
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.389 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

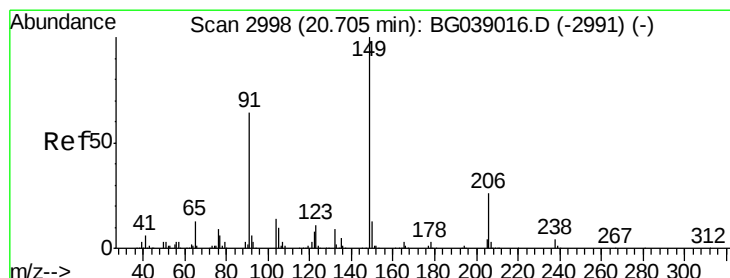
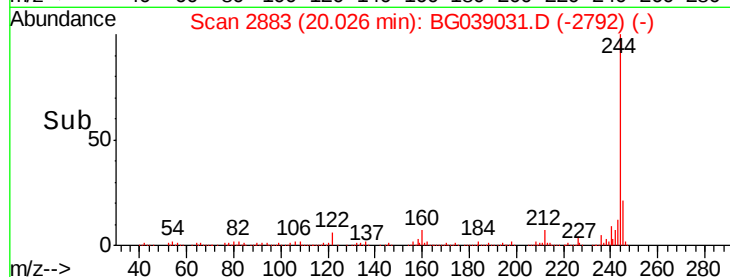
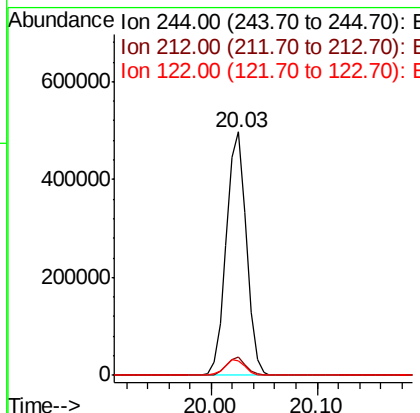
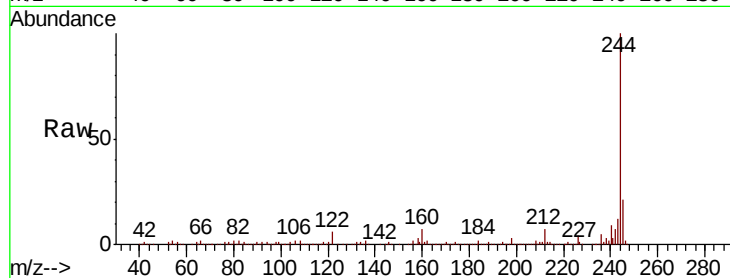
ClientSampled :

SP-1-4MS

Tot Ion:	244	Resp:	652131
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.1	9.1
122	6.1	6.1	9.1

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#80

Butylbenzylphthalate

Concen: 39.637 ng

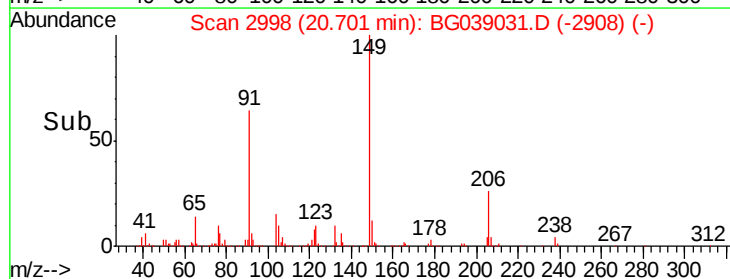
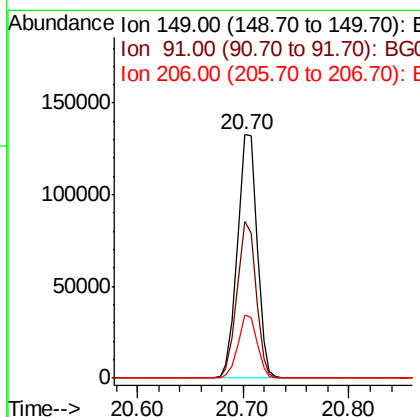
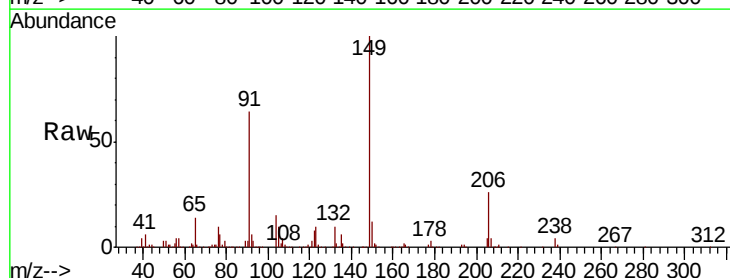
RT: 20.70 min Scan# 2998

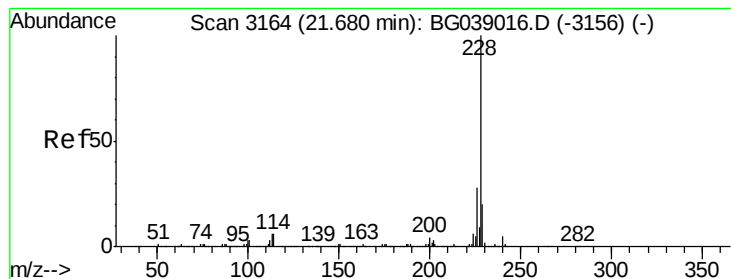
Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	149	Resp:	169471
Ion Ratio	Lower	Upper	
149	100		
91	64.5	51.4	77.0
206	26.1	20.4	30.6





#81

Benzo(a)anthracene

Concen: 42.077 ng

RT: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

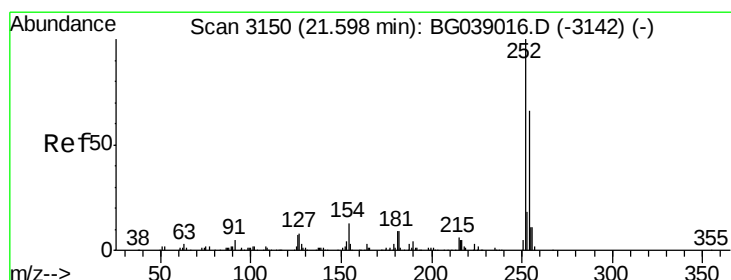
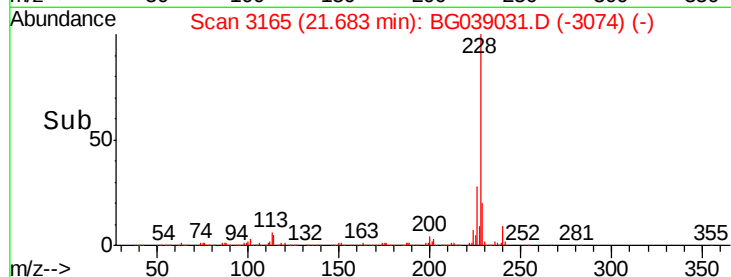
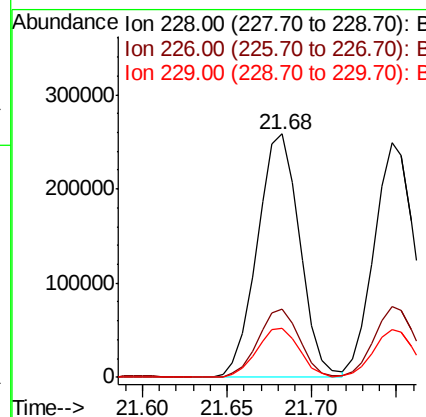
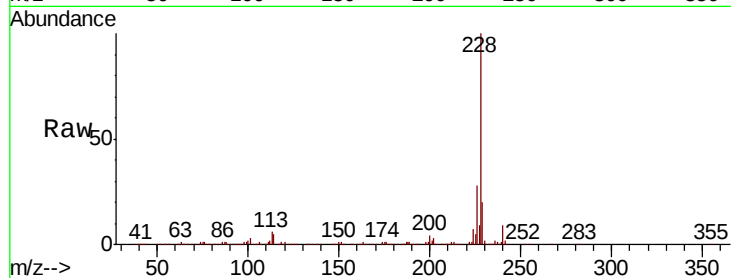
ClientSampled :

SP-1-4MS

Tot Ion:	228	Resp:	451833
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.4	33.6
229	20.2	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 33.704 ng

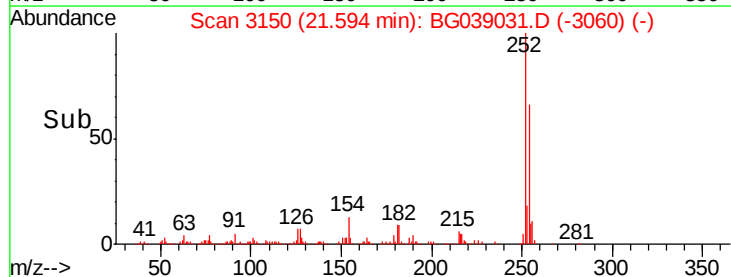
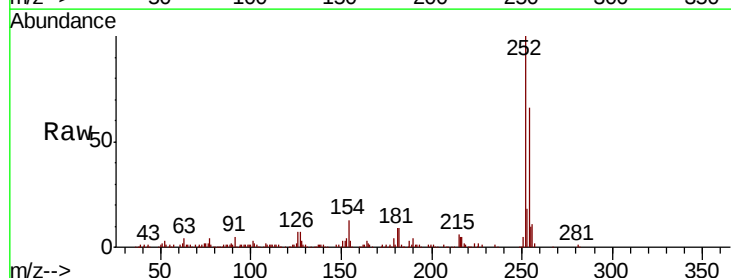
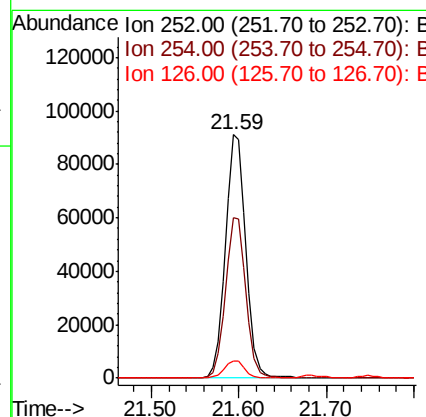
RT: 21.59 min Scan# 3150

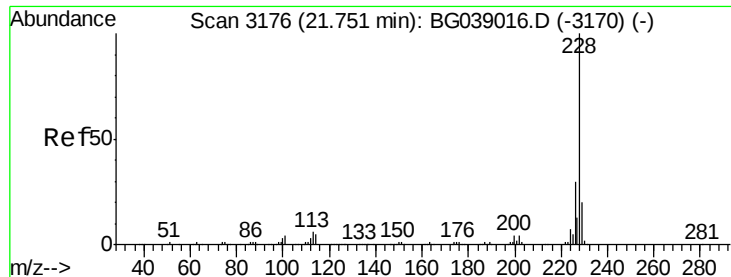
Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	252	Resp:	147465
Ion Ratio	Lower	Upper	
252	100		
254	65.9	53.0	79.6
126	7.2	6.0	9.0





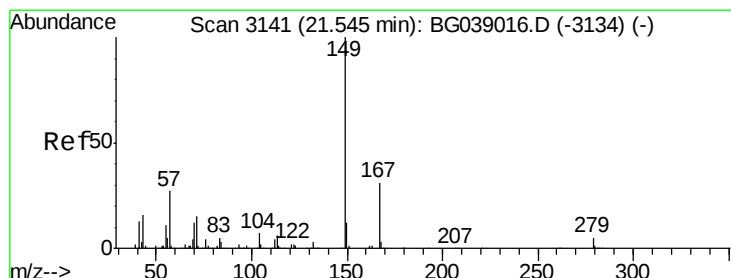
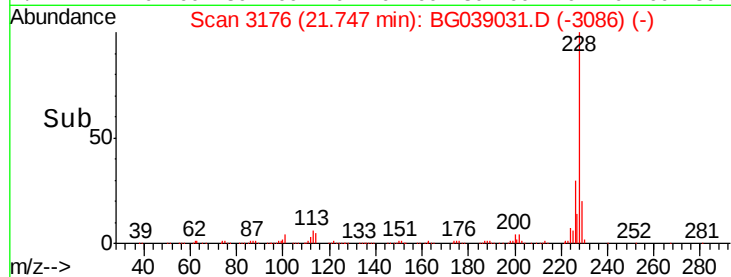
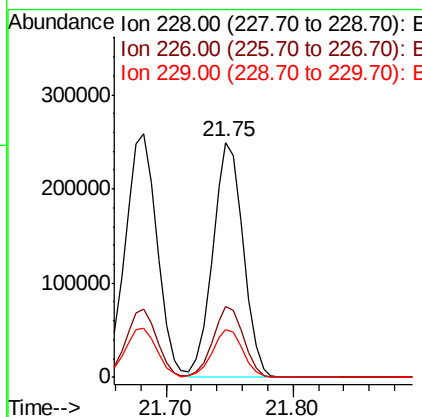
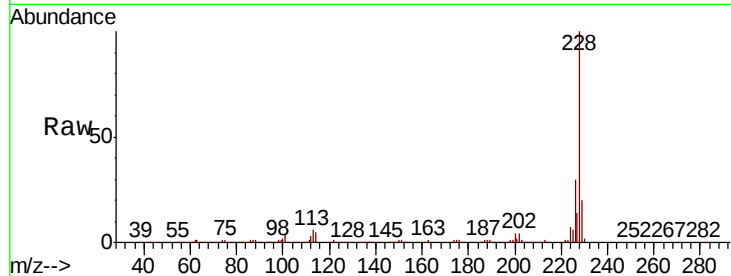
#83
Chrysene
Concen: 40.601 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	20.2	16.0	24.0

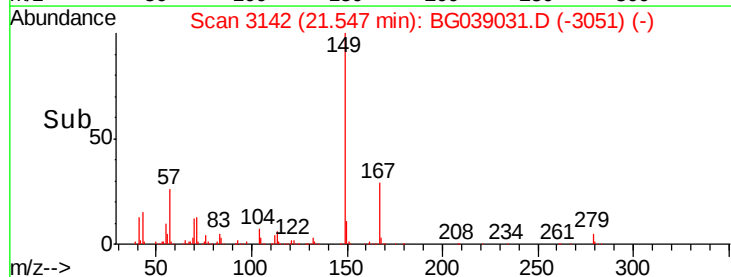
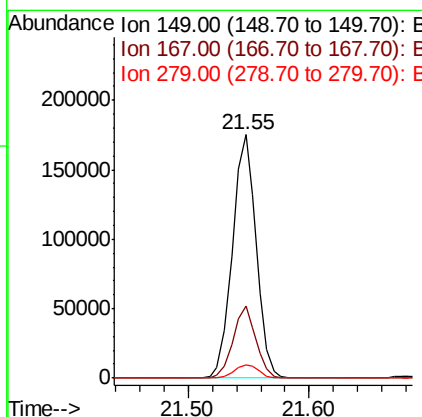
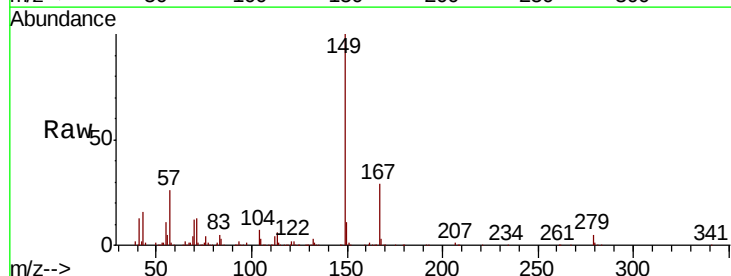
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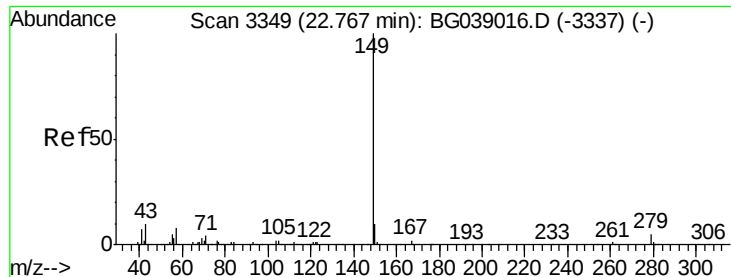
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.379 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	25.0	37.4
279	5.5	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 42.068 ng

RT: 22.77 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

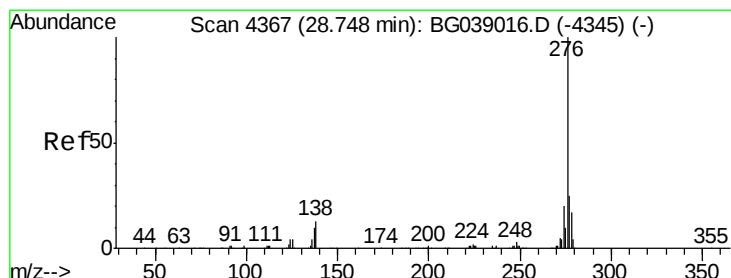
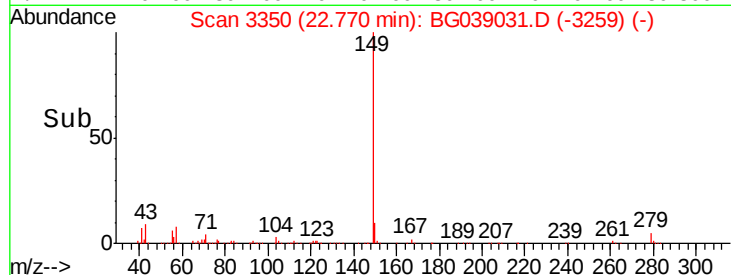
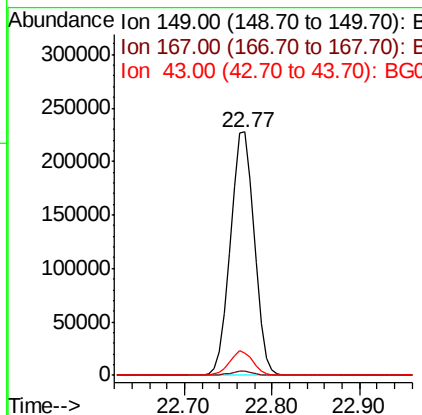
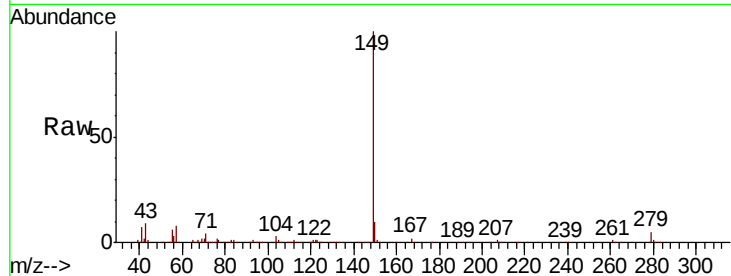
ClientSampleId :

SP-1-4MS

Tot Ion:	149	Resp:	422297
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.5	7.5	11.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.265 ng

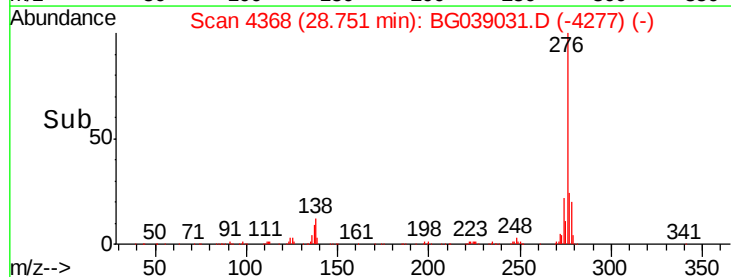
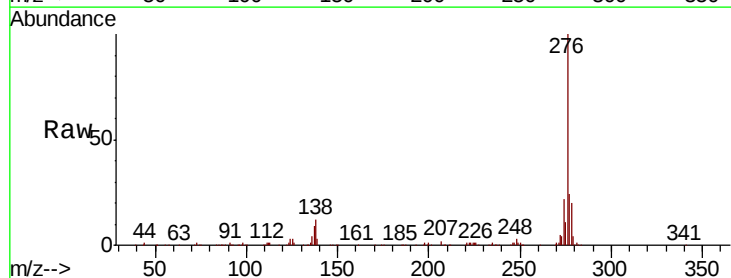
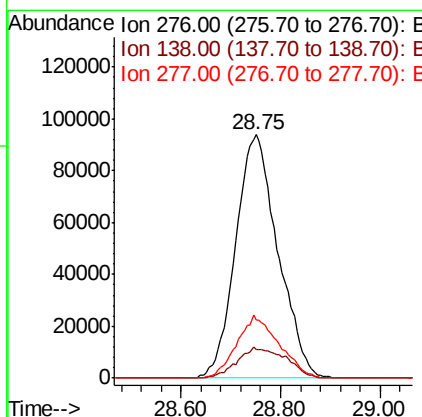
RT: 28.75 min Scan# 4368

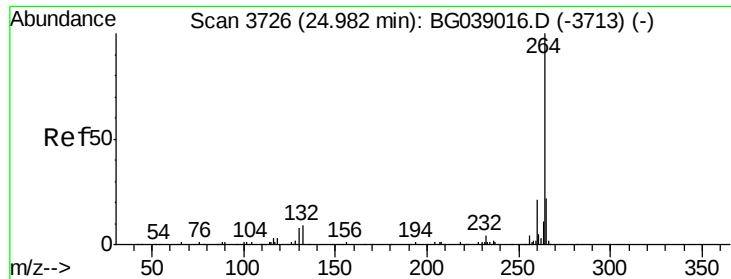
Delta R.T. 0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	276	Resp:	552398
Ion Ratio	Lower	Upper	
276	100		
138	14.6	8.0	12.0#
277	25.7	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

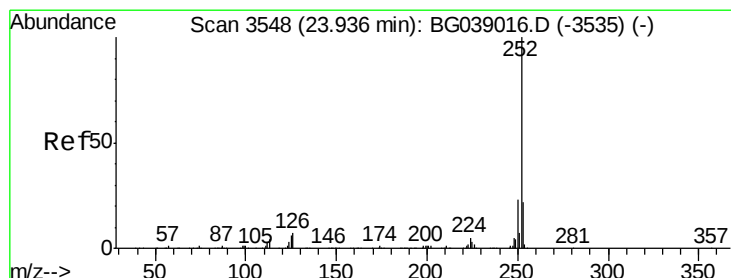
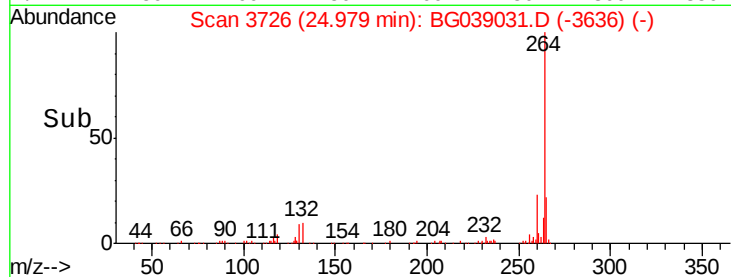
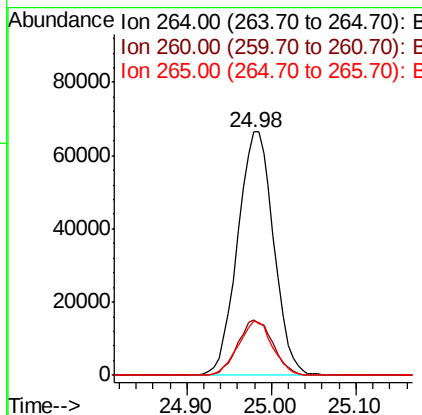
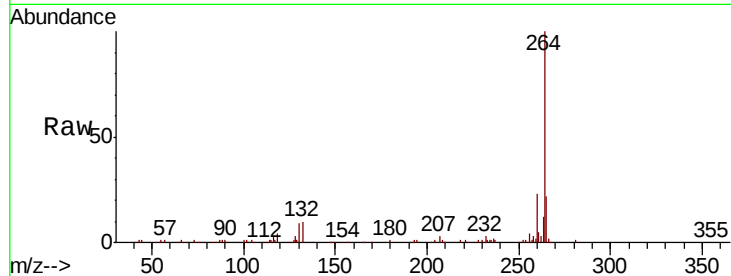
ClientSampleId :

SP-1-4MS

Tot Ion:	264	Resp:	196356
Ion Ratio		Lower	Upper
264	100		
260	23.0	17.0	25.6
265	22.1	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 43.878 ng

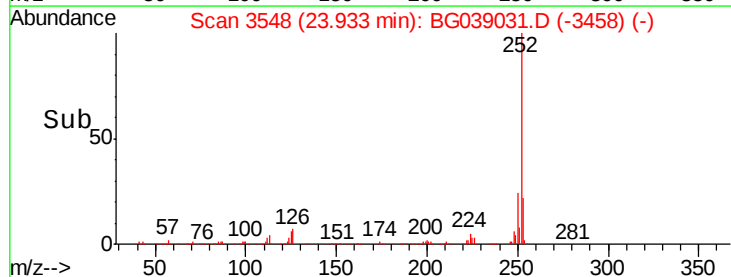
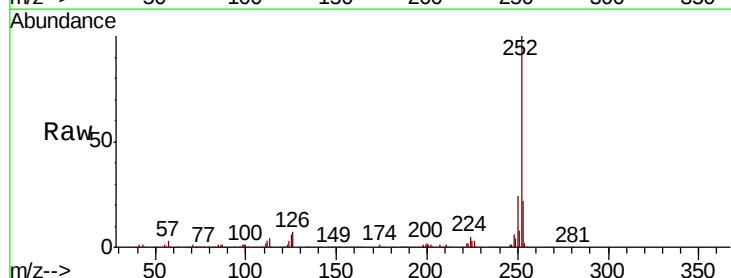
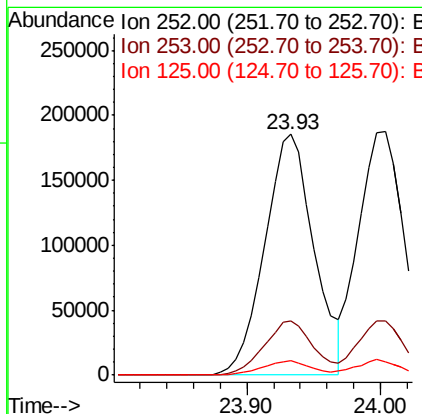
RT: 23.93 min Scan# 3548

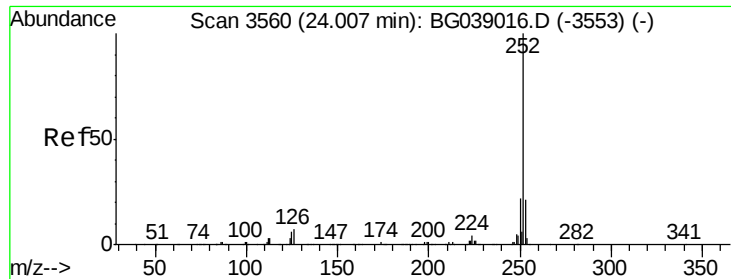
Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion:	252	Resp:	475064
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.8	26.6
125	5.8	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 41.553 ng

RT: 24.00 min Scan# 3560

Delta R.T. -0.00 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Instrument :

BNA_G

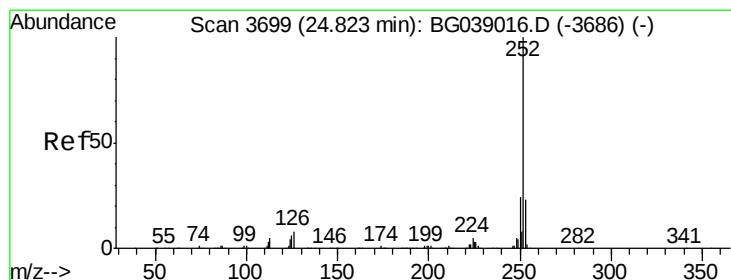
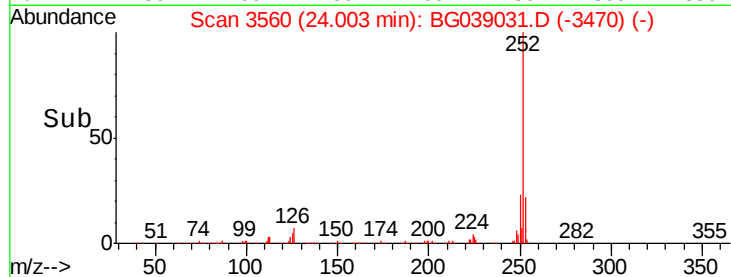
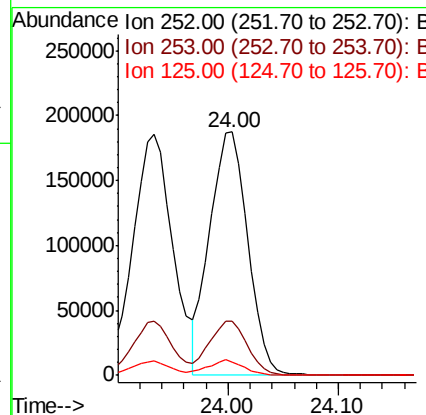
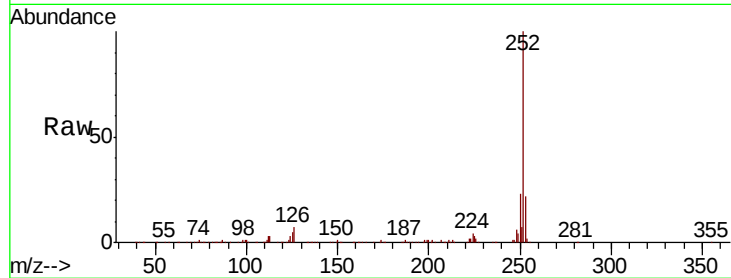
ClientSampled :

SP-1-4MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	5.5	4.6	7.0

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#90

Benzo(a)pyrene

Concen: 43.694 ng

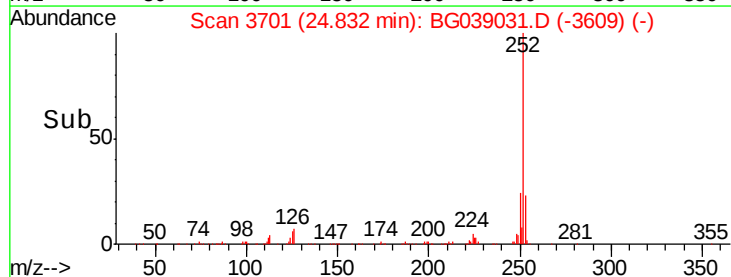
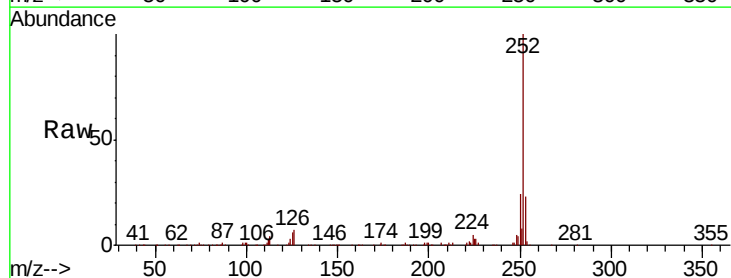
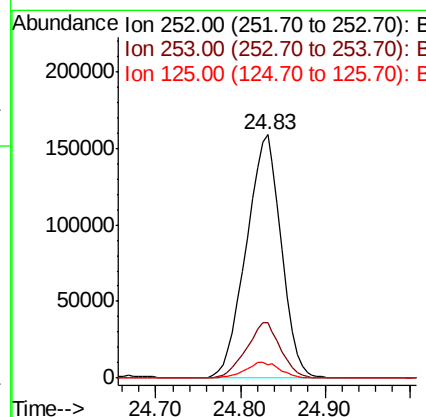
RT: 24.83 min Scan# 3701

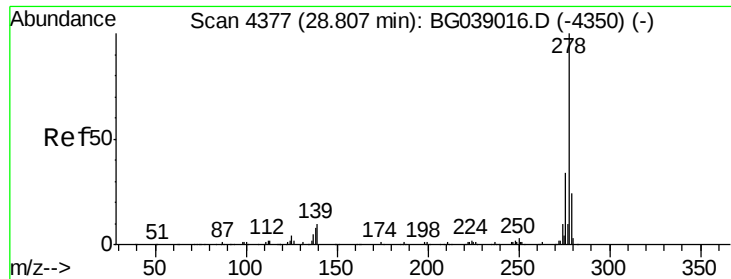
Delta R.T. 0.01 min

Lab File: BG039031.D

Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	5.5	4.9	7.3





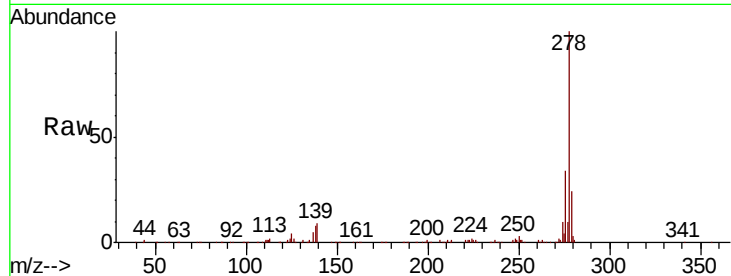
#91
Dibenzo(a,h)anthracene
Concen: 44.054 ng
RT: 28.81 min Scan# 4378
Delta R.T. 0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Instrument :
BNA_G
ClientSampleId :
SP-1-4MS

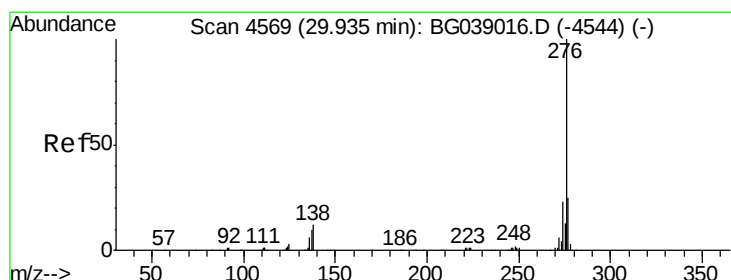
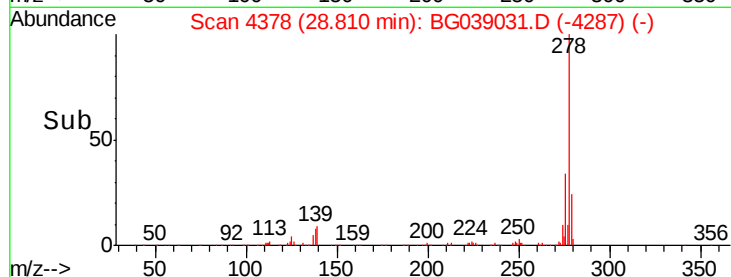
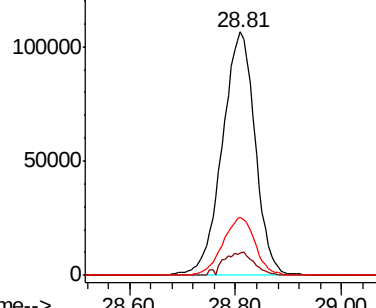
Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.9	11.9
279	23.9	19.3	28.9

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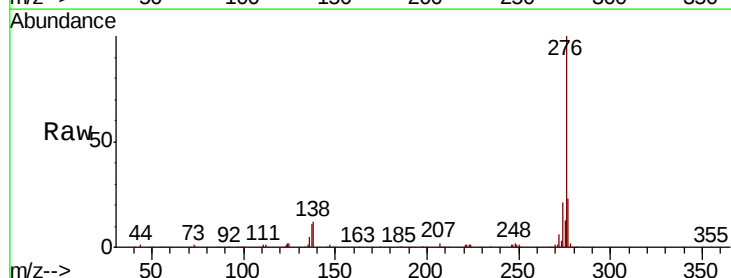


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.153 ng
RT: 29.93 min Scan# 4569
Delta R.T. -0.00 min
Lab File: BG039031.D
Acq: 9 Jan 2019 21:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	20.3	30.5
138	12.3	9.4	14.2



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

