

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039679.D
 Acq On : 1 Mar 2019 4:15
 Operator : JU/SJ
 Sample : K1340-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MS

Manual Integrations
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 3/1/2019 4:23:31 PM

Quant Time: Mar 01 07:07:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	55180	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	232197	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	150433	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	360196	20.00	ng	0.00
76) Chrysene-d12	21.83	240	361989	20.00	ng	0.00
87) Perylene-d12	25.20	264	375934	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	451689	140.10	ng	0.00
7) Phenol-d6	7.32	99	581486	122.53	ng	0.00
23) Nitrobenzene-d5	9.34	82	411958	110.84	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	253347	156.40	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	926980	88.40	ng	0.00
79) Terphenyl-d14	20.12	244	1472300	86.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	53822	38.164	ng	# 24
3) Pyridine	4.02	79	125157	33.519	ng	93
4) n-Nitrosodimethylamine	3.93	42	79810	42.740	ng	87
6) Aniline	7.49	93	69943	11.766	ng	97
8) 2-Chlorophenol	7.73	128	168544	47.825	ng	96
9) Benzaldehyde	7.31	77	123300	59.977	ng	99
10) Phenol	7.34	94	191967	38.804	ng	99
11) bis(2-Chloroethyl)ether	7.58	93	167916	42.955	ng	98
12) 1,3-Dichlorobenzene	8.05	146	179965	42.153	ng	99
13) 1,4-Dichlorobenzene	8.20	146	183111	43.031	ng	99
14) 1,2-Dichlorobenzene	8.52	146	177267	43.032	ng	98
15) Benzyl Alcohol	8.40	79	164494	44.150	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	323709	36.670	ng	97
17) 2-Methylphenol	8.60	107	145802	45.544	ng	98
18) Hexachloroethane	9.25	117	65437	44.698	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	137274	40.754	ng	91
20) 3+4-Methylphenols	8.93	107	196403	44.551	ng	98
22) Acetophenone	9.00	105	262416	42.073	ng	# 95
24) Nitrobenzene	9.38	77	208759	51.989	ng	97
25) Isophorone	9.90	82	390371	47.395	ng	98
26) 2-Nitrophenol	10.10	139	101678	59.832	ng	97
27) 2,4-Dimethylphenol	10.14	122	173217	51.988	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	234383	46.200	ng	96
29) 2,4-Dichlorophenol	10.62	162	186326	51.168	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	190588	46.618	ng	98
31) Naphthalene	11.04	128	540739	46.943	ng	99
32) Benzoic acid	10.22	122	3216m	10.218	ng	
33) 4-Chloroaniline	11.15	127	14618	2.737	ng	# 95
34) Hexachlorobutadiene	11.30	225	121896	44.834	ng	97
35) Caprolactam	11.93	113	47425	31.472	ng	# 83
36) 4-Chloro-3-methylphenol	12.25	107	195464	46.413	ng	96
37) 2-Methylnaphthalene	12.63	142	404428	47.403	ng	95
38) 1-Methylnaphthalene	12.85	142	382987	46.569	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	220949	46.162	ng	98

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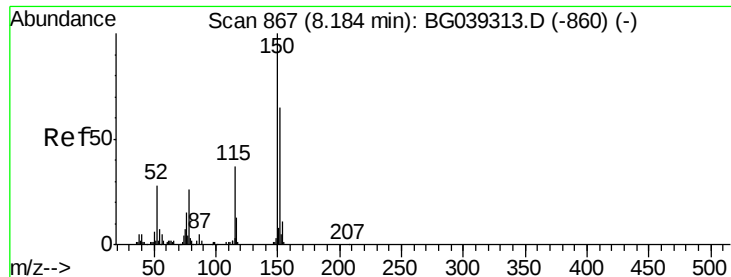
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	258263	99.022	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	154134	52.375	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	166992	54.141	nq	99
46) 1,1'-Biphenyl	13.63	154	537071	42.909	nq	99
47) 2-Chloronaphthalene	13.67	162	419030	44.503	nq	97
48) 2-Nitroaniline	13.88	65	145300	52.731	nq	93
49) Acenaphthylene	14.52	152	680565	47.901	nq	99
50) Dimethylphthalate	14.24	163	555422	45.715	nq	100
51) 2,6-Dinitrotoluene	14.37	165	126487	54.651	nq	97
52) Acenaphthene	14.85	154	408266	44.269	nq	97
53) 3-Nitroaniline	14.70	138	23840	14.349	nq	# 82
54) 2,4-Dinitrophenol	14.90	184	21899	31.517	nq	92
55) Dibenzofuran	15.19	168	664884	44.965	nq	99
56) 4-Nitrophenol	15.00	139	144899	66.977	nq	88
57) 2,4-Dinitrotoluene	15.15	165	175986	58.466	nq	# 84
58) Fluorene	15.84	166	529404	48.028	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	152779	52.902	nq	95
60) Diethylphthalate	15.59	149	557922	44.414	nq	97
61) 4-Chlorophenyl-phenylether	15.82	204	282160	45.207	nq	95
62) 4-Nitroaniline	15.86	138	127558	49.886	nq	96
63) Azobenzene	16.11	77	502923	40.962	nq	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	31459	27.548	nq	99
66) n-Nitrosodiphenylamine	16.03	169	481731	43.984	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	183243	45.857	nq	94
68) Hexachlorobenzene	16.83	284	187743	46.829	nq	95
69) Atrazine	16.97	200	176031	43.981	nq	97
70) Pentachlorophenol	17.17	266	109356	39.246	nq	98
71) Phenanthrene	17.58	178	877791	47.085	nq	99
72) Anthracene	17.67	178	890528	48.496	nq	98
73) Carbazole	17.94	167	782087	42.676	nq	98
74) Di-n-butylphthalate	18.47	149	962741	45.030	nq	99
75) Fluoranthene	19.58	202	1050547	48.550	nq	99
77) Benzidine	19.75	184	75811	6.388	nq	98
78) Pyrene	19.94	202	1064054	47.218	nq	99
80) Butylbenzylphthalate	20.80	149	460097	48.401	nq	96
81) Benzo(a)anthracene	21.80	228	1051994	49.182	nq	98
82) 3,3'-Dichlorobenzidine	21.72	252	96255	12.136	nq	99
83) Chrysene	21.87	228	974063	47.838	nq	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	639676	47.168	nq	97
85) Di-n-octyl phthalate	22.93	149	1082313	48.306	nq	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1182973	54.150	nq	# 96
88) Benzo(b)fluoranthene	24.12	252	1019184	49.712	nq	99
89) Benzo(k)fluoranthene	24.19	252	1012287	49.180	nq	99
90) Benzo(a)pyrene	25.05	252	1005807	50.940	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	960815	51.961	nq	99
92) Benzo(g,h,i)perylene	30.32	276	966249	52.427	nq	99

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



#1

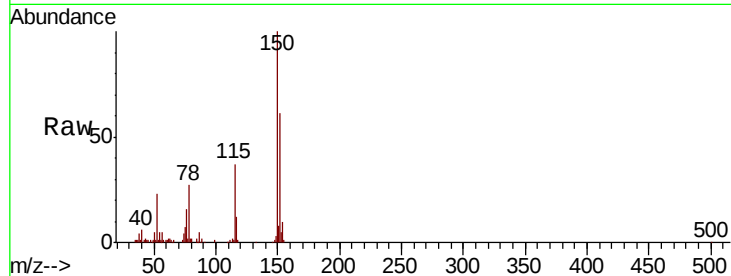
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	123.7	185.5
115	60.4	45.9	68.9

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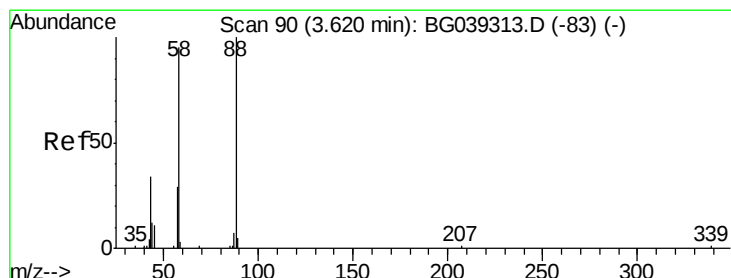
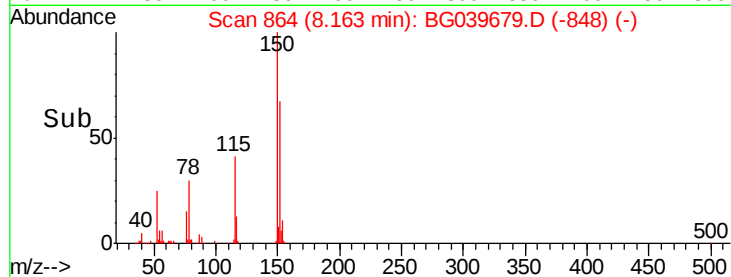
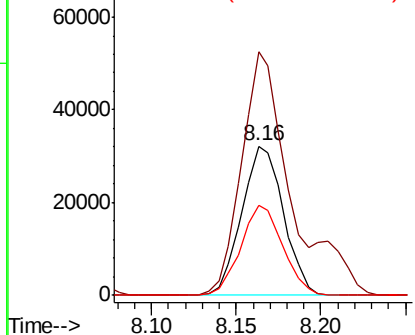


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

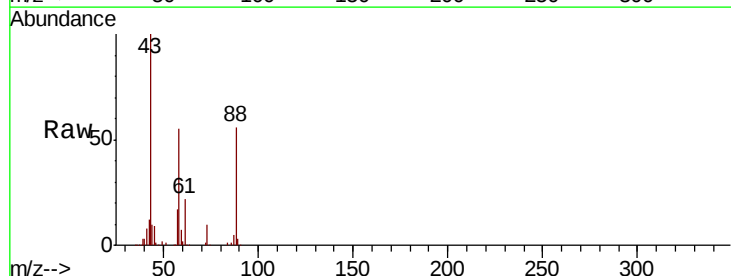
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 38.164 ng
 RT: 3.61 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.3	81.1	121.7
43	193.3	31.4	47.0

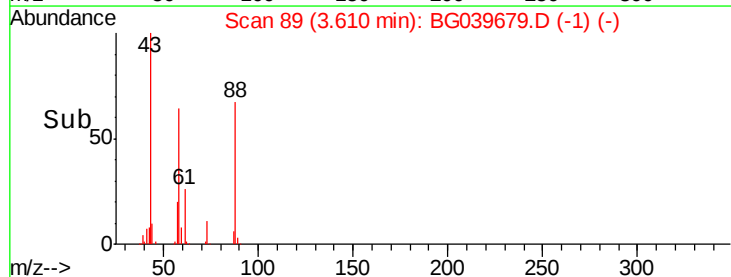
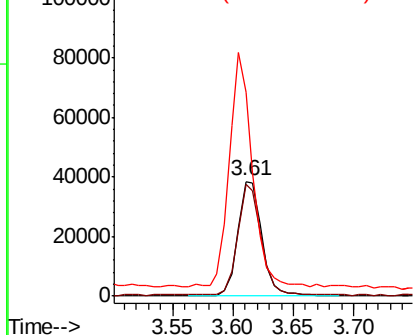


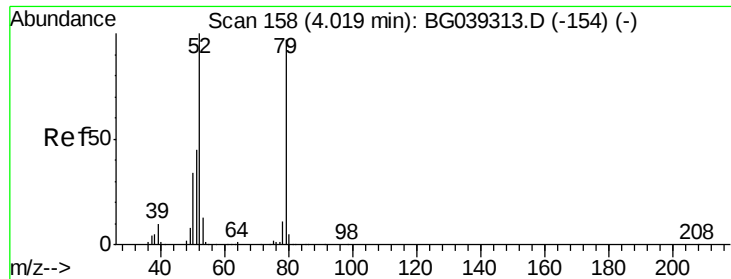
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.519 ng

RT: 4.02 min Scan# 159

Delta R.T. 0.02 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

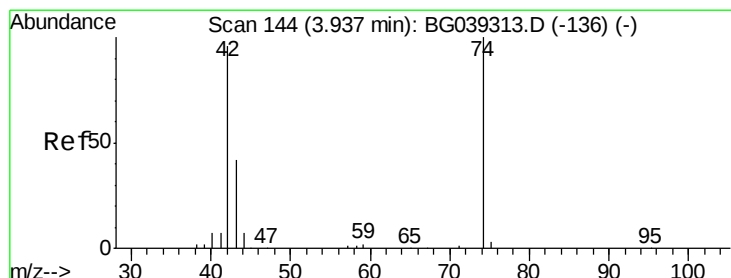
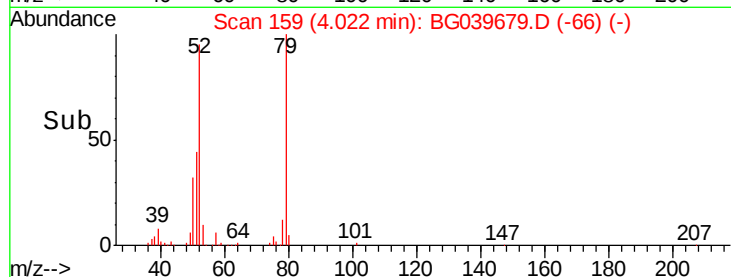
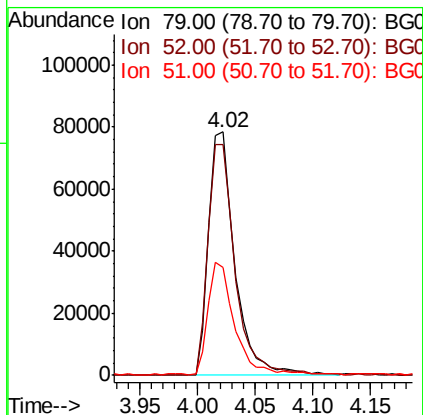
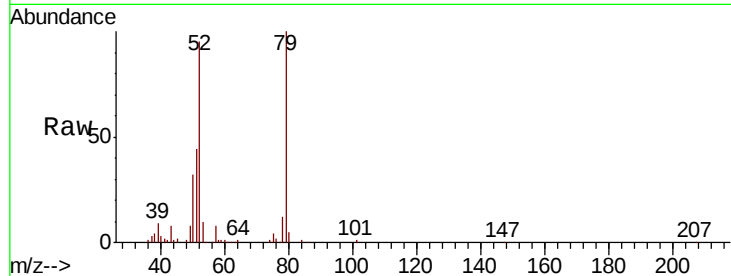
ClientSampleId :

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Tot Ion:	79	Resp:	125157
Ion Ratio	Lower	Upper	
79	100		
52	95.0	82.6	124.0
51	44.3	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 42.740 ng

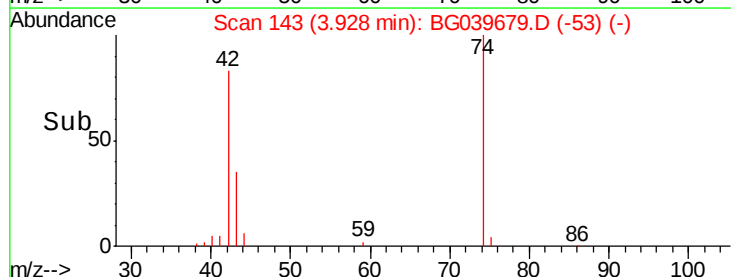
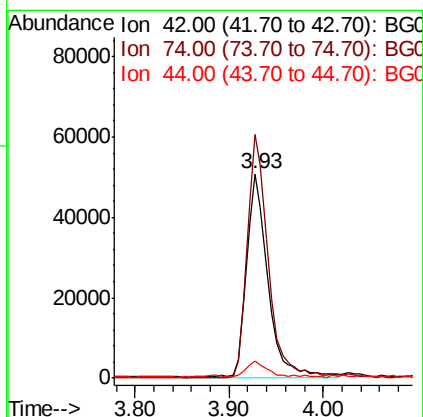
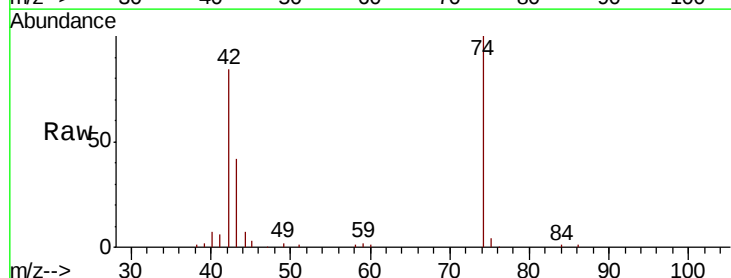
RT: 3.93 min Scan# 143

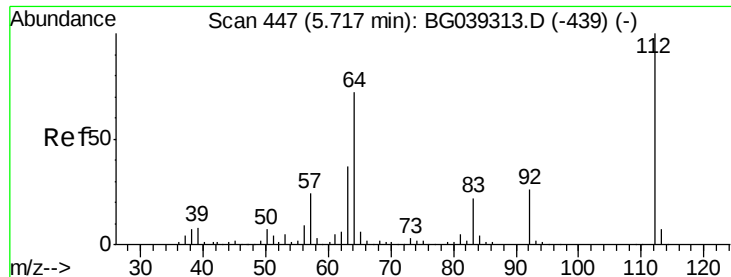
Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion:	42	Resp:	79810
Ion Ratio	Lower	Upper	
42	100		
74	119.4	83.6	125.4
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 140.100 ng

RT: 5.71 min Scan# 447

Delta R.T. 0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

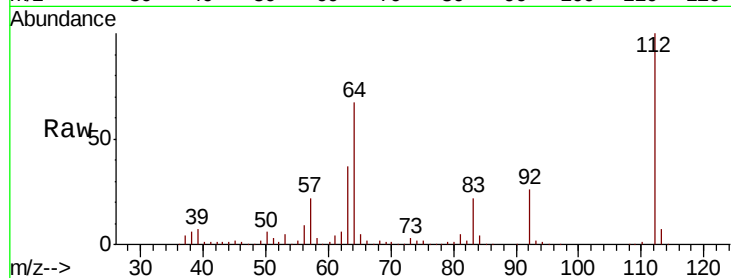
ClientSampleId :

BU-03-022719MS

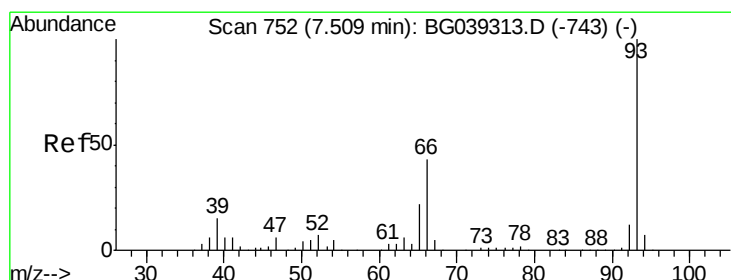
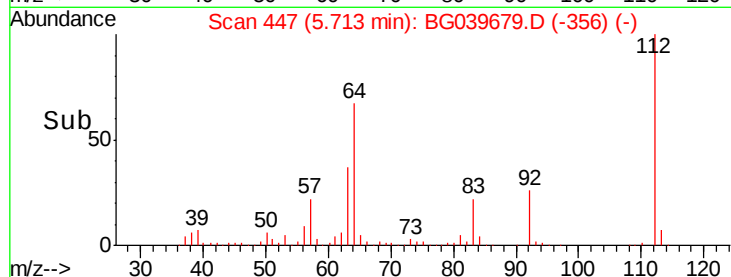
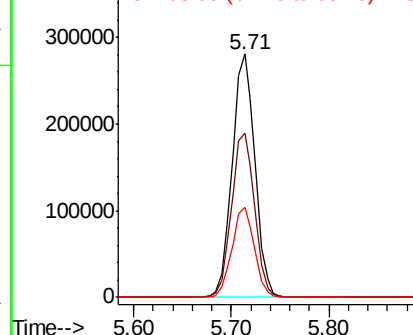
Tot Ion:	112	Resp:	451689
Ion Ratio	Lower	Upper	
112	100		
64	67.2	57.8	86.8
63	37.2	29.8	44.6

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



#6

Aniline

Concen: 11.766 ng

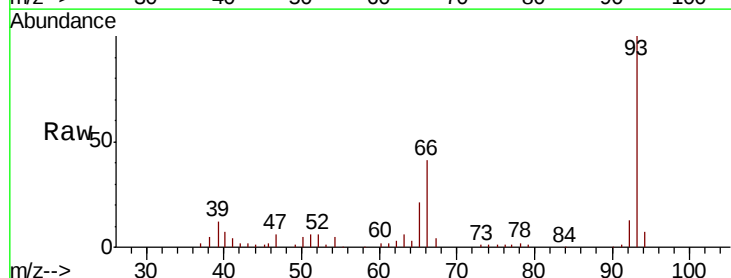
RT: 7.49 min Scan# 750

Delta R.T. -0.00 min

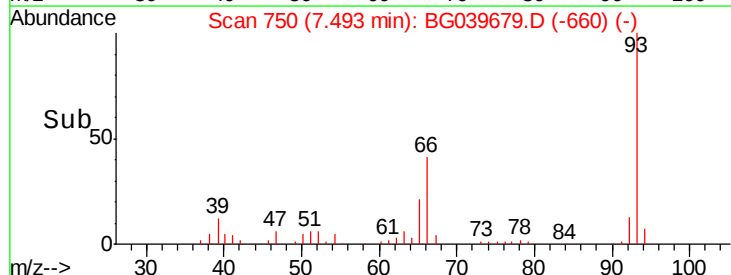
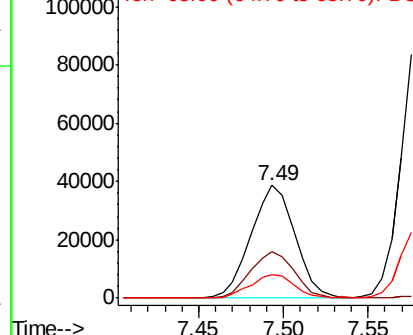
Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion:	93	Resp:	69943
Ion Ratio	Lower	Upper	
93	100		
66	41.2	34.2	51.4
65	20.7	17.7	26.5



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





#7

Phenol-d6

Concen: 122.528 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

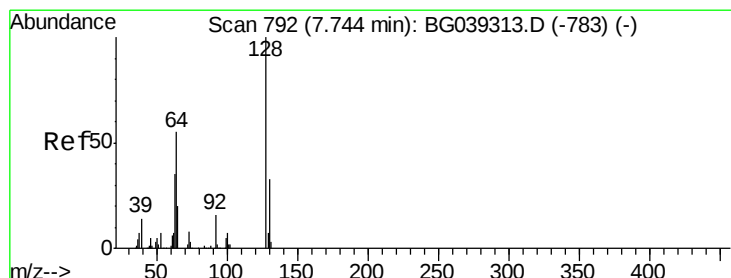
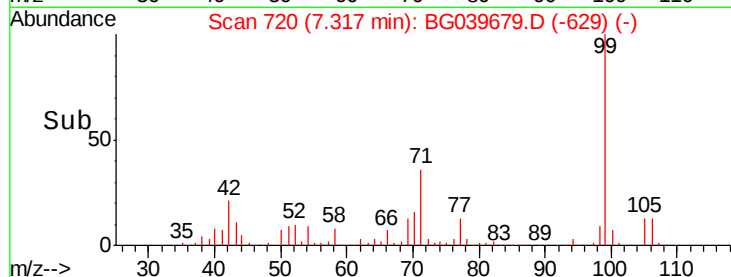
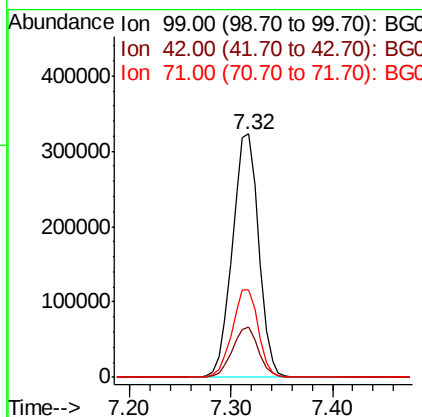
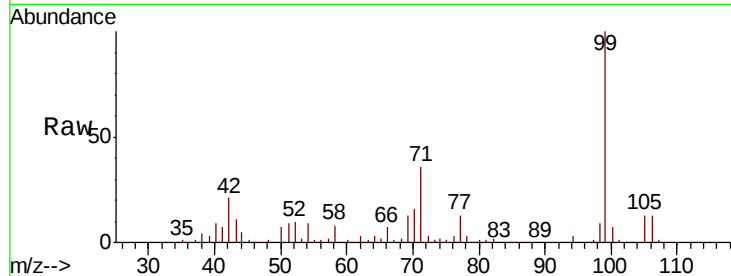
ClientSampleId :

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Tot Ion:	99	Resp:	581486
Ion Ratio	Lower	Upper	
99	100		
42	20.6	18.2	27.2
71	36.1	28.0	42.0

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#8

2-Chlorophenol

Concen: 47.825 ng

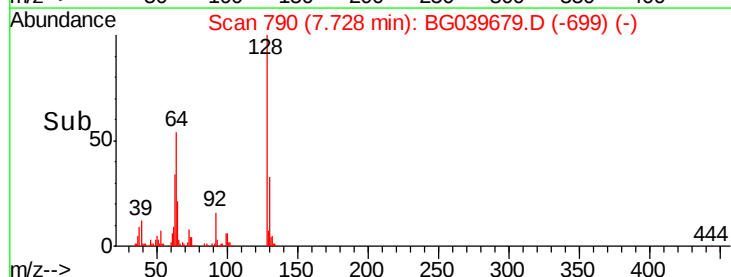
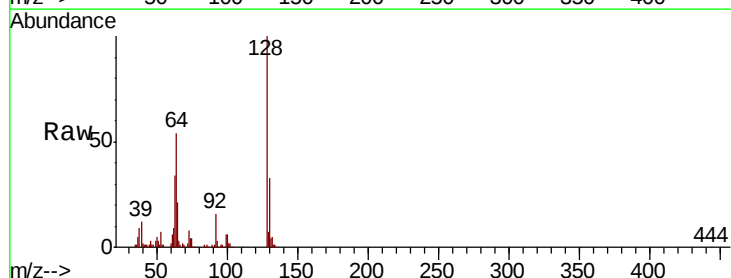
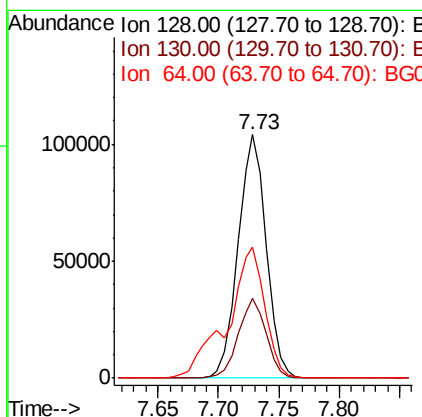
RT: 7.73 min Scan# 790

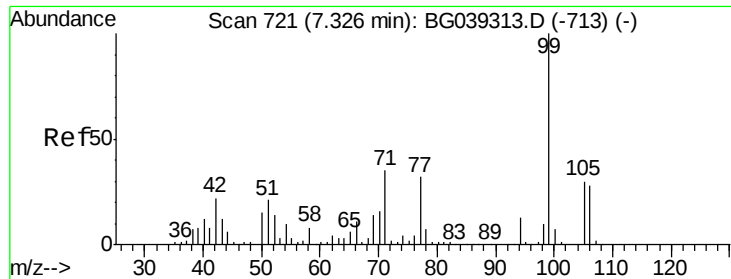
Delta R.T. 0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion:	128	Resp:	168544
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.9	52.9
64	53.7	38.7	78.7





#9

Benzaldehyde

Concen: 59.977 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

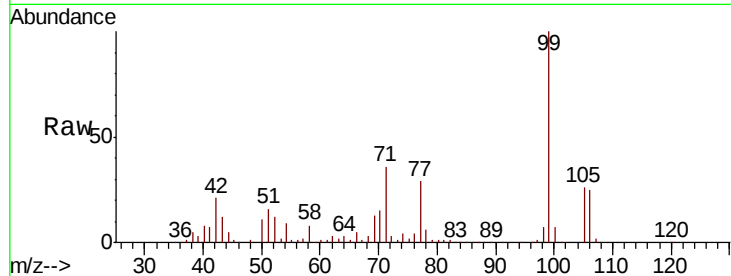
ClientSampleId :

BU-03-022719MS

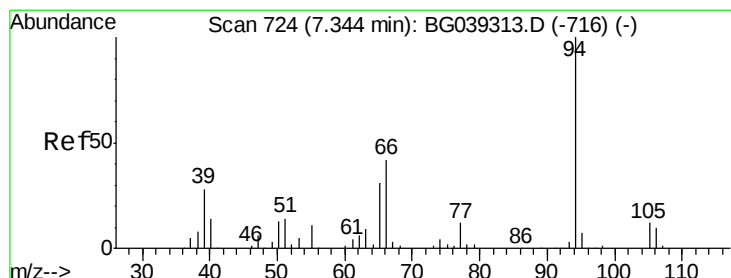
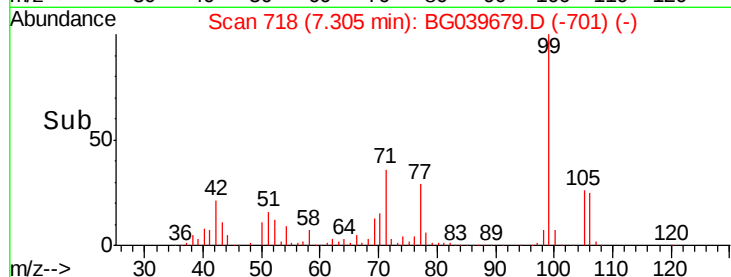
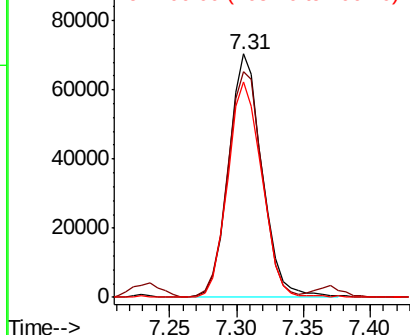
Tot Ion:	77	Resp:	123300
Ion Ratio	Lower	Upper	
77	100		
105	92.7	74.5	114.5
106	88.4	68.0	108.0

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



#10

Phenol

Concen: 38.804 ng

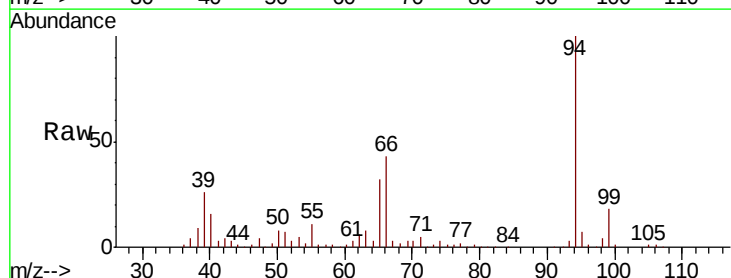
RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

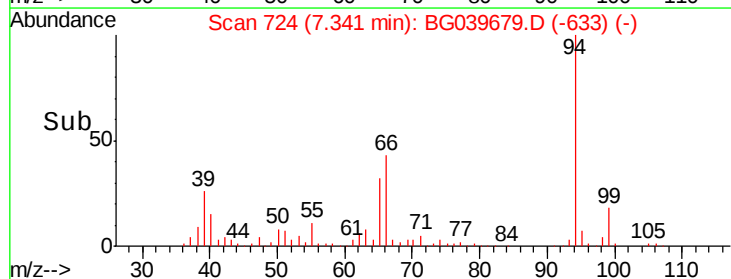
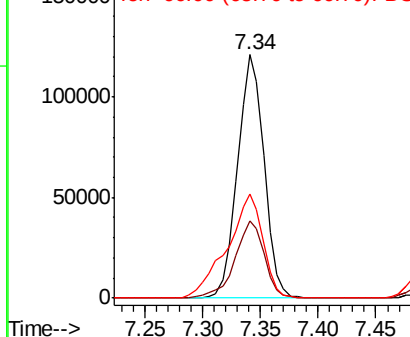
Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion:	94	Resp:	191967
Ion Ratio	Lower	Upper	
94	100		
65	31.7	11.7	51.7
66	42.9	23.7	63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





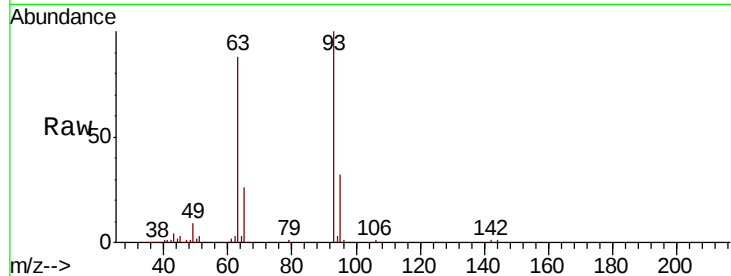
#11
bis(2-Chloroethyl)ether
Concen: 42.955 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	69.5	109.5
95	32.1	12.7	52.7

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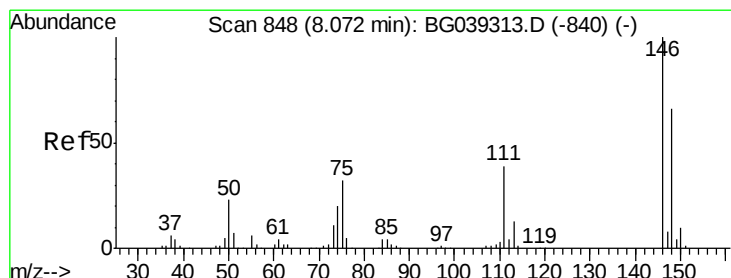
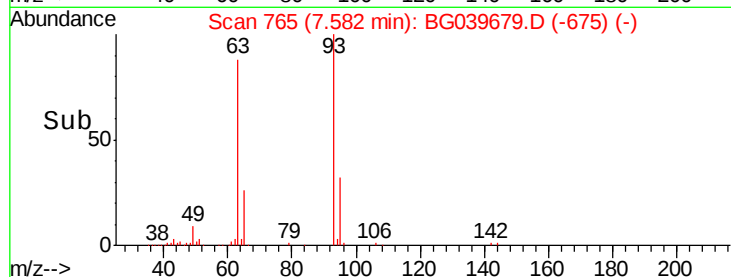
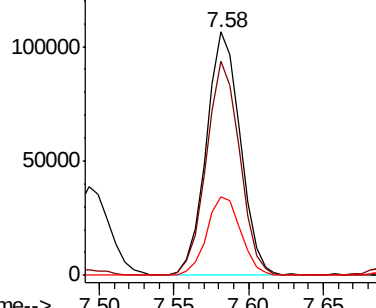


Abundance

Ion 93.00 (92.70 to 93.70): BG039679.D (-765) (-)

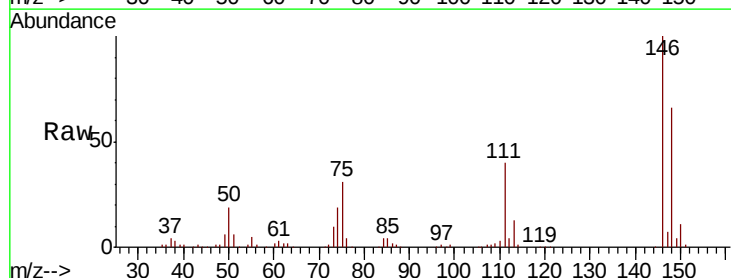
Ion 63.00 (62.70 to 63.70): BG039679.D (-765) (-)

Ion 95.00 (94.70 to 95.70): BG039679.D (-765) (-)



#12
1,3-Dichlorobenzene
Concen: 42.153 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.6	79.0
75	30.7	25.8	38.6

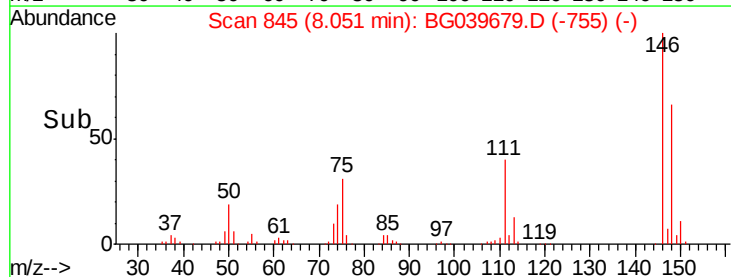
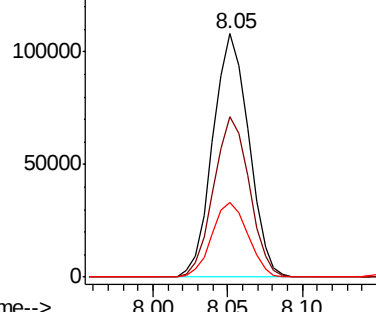


Abundance

Ion 146.00 (145.70 to 146.70): BG039679.D (-755) (-)

Ion 148.00 (147.70 to 148.70): BG039679.D (-755) (-)

Ion 75.00 (74.70 to 75.70): BG039679.D (-755) (-)





#13

1,4-Dichlorobenzene

Concen: 43.031 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

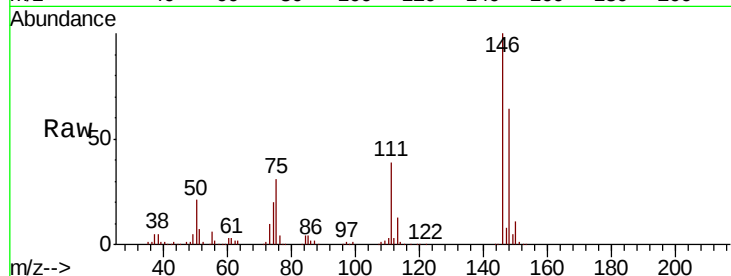
ClientSampleId :

BU-03-022719MS

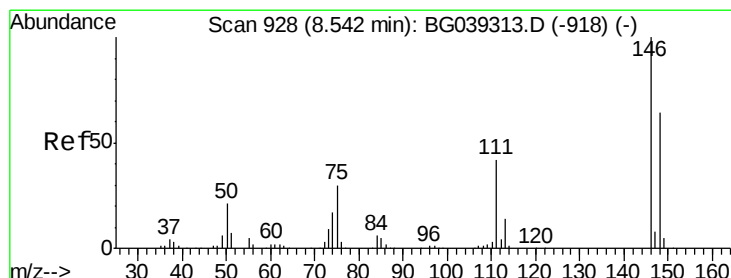
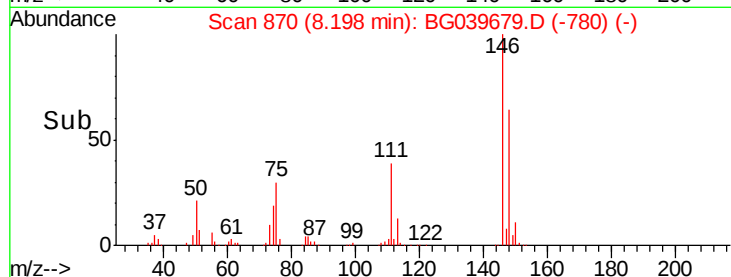
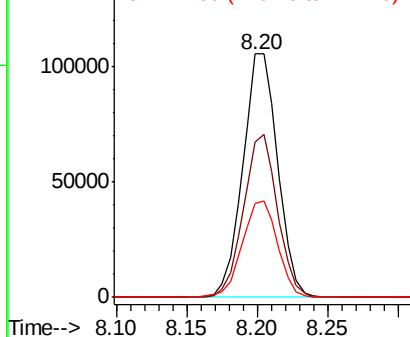
Tot Ion:	146	Resp:	183111
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.1	76.7
111	38.6	32.6	48.8

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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: 43.032 ng

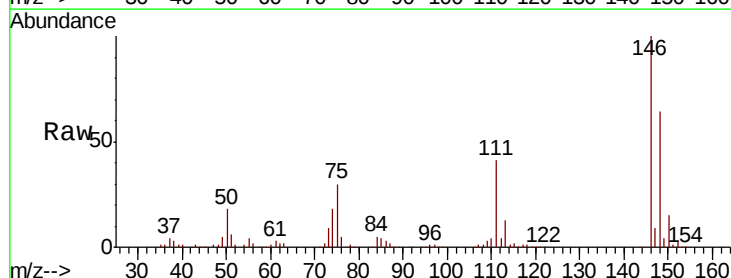
RT: 8.52 min Scan# 925

Delta R.T. -0.00 min

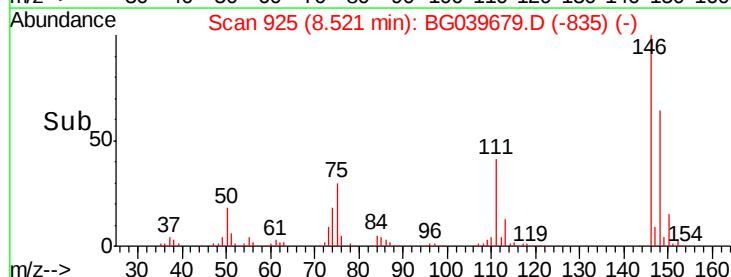
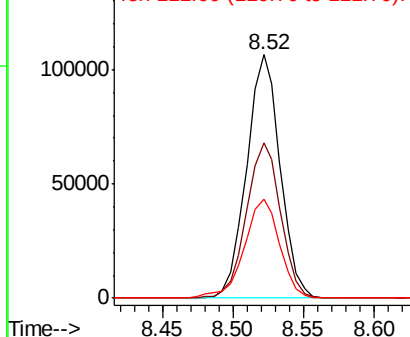
Lab File: BG039679.D

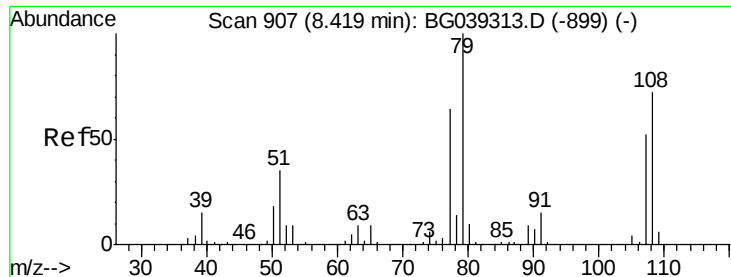
Acq: 1 Mar 2019 4:15

Tgt Ion:	146	Resp:	177267
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.5	77.3
111	40.6	33.8	50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.150 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

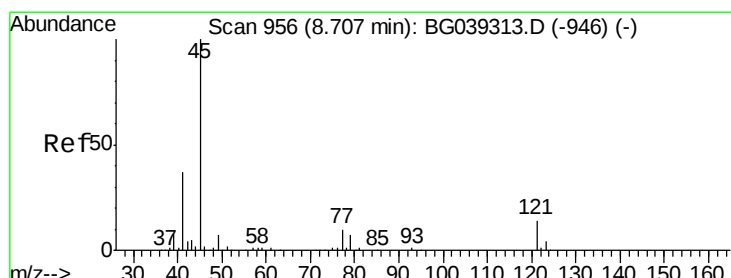
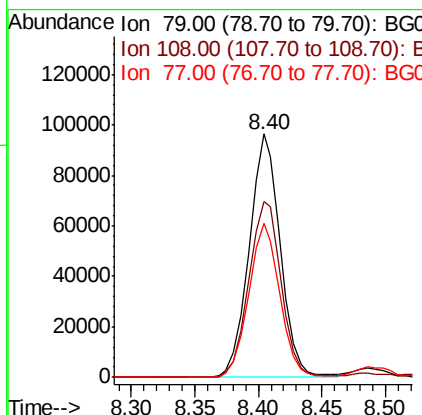
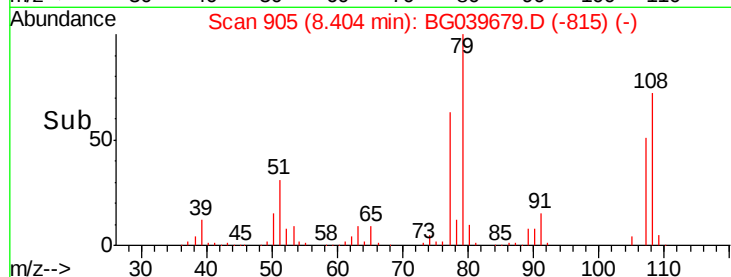
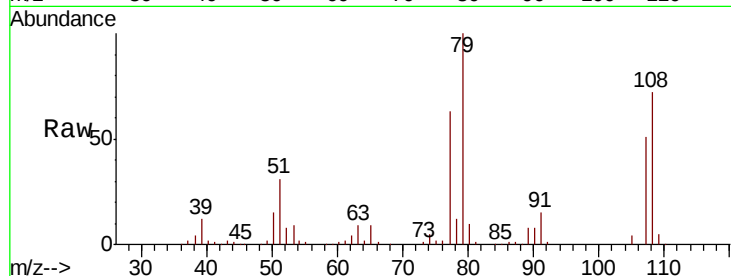
ClientSampleId :

BU-03-022719MS

Tot Ion:	79	Resp:	164494
Ion	Ratio	Lower	Upper
79	100		
108	72.4	57.8	86.6
77	63.3	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.670 ng

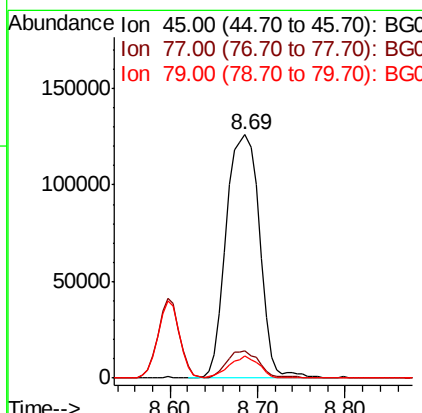
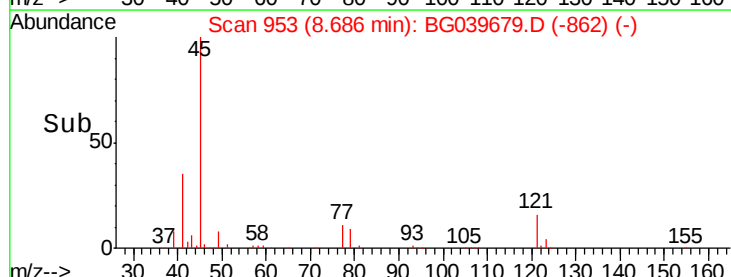
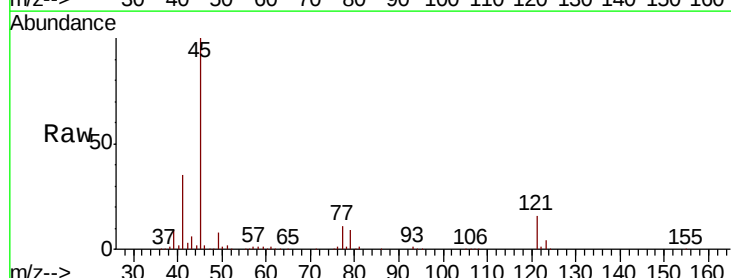
RT: 8.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion:	45	Resp:	323709
Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.0
79	9.0	0.0	27.5





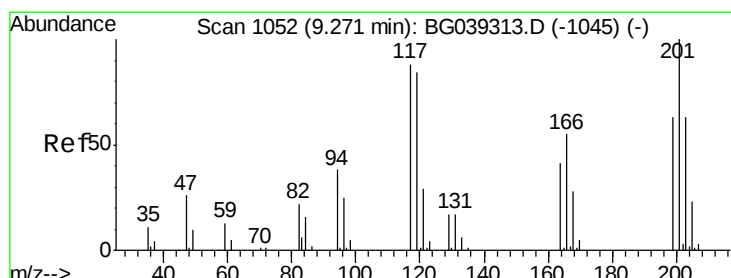
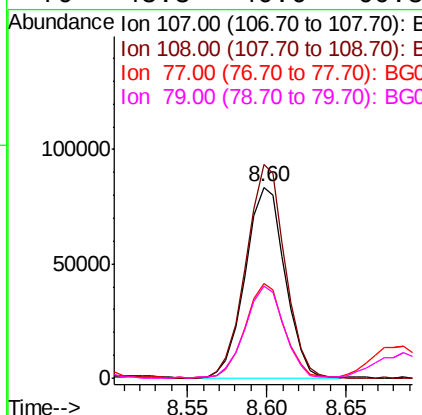
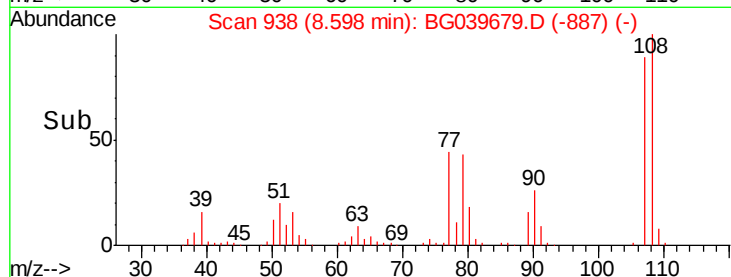
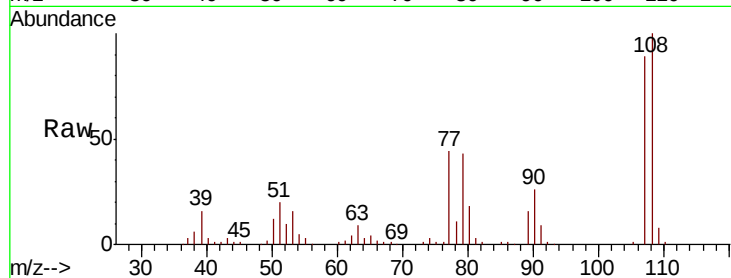
#17
2-Methylphenol
Concen: 45.544 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	90.8	136.2	
77	49.5	40.7	61.1	
79	48.3	40.6	60.8	

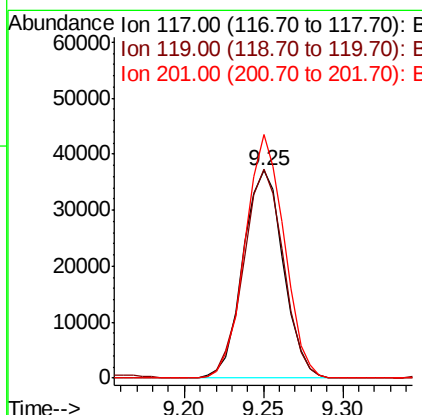
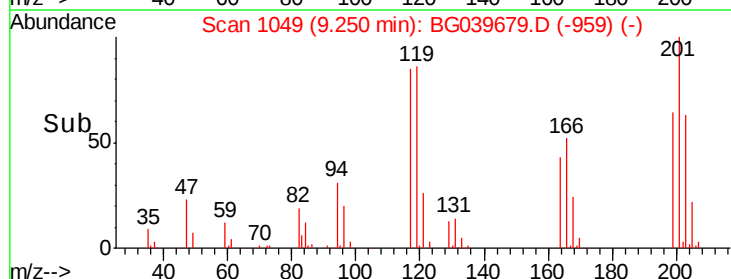
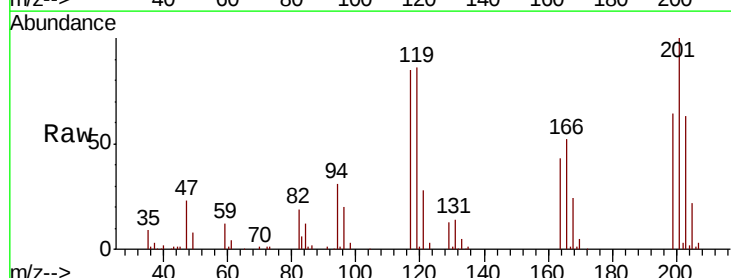
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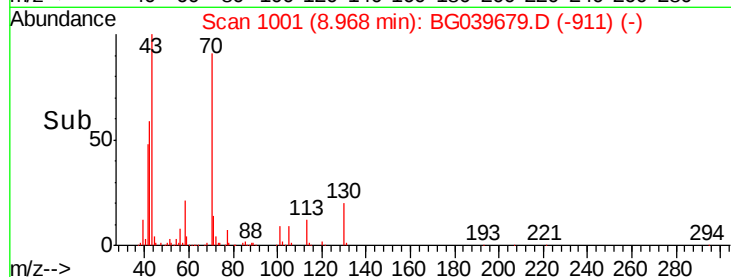
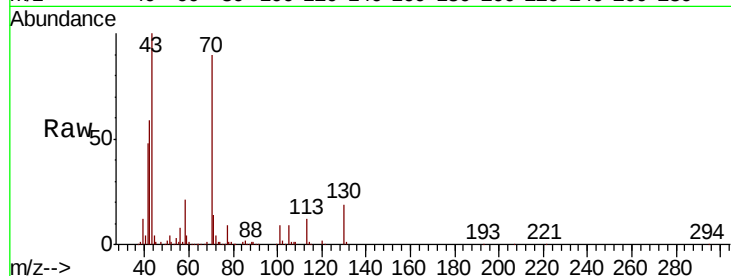
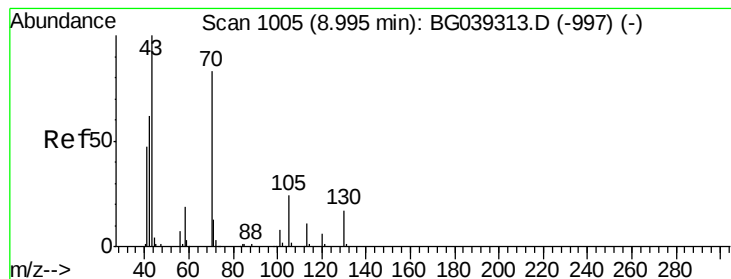
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#18
Hexachloroethane
Concen: 44.698 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.8	76.3	114.5	
201	117.2	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 40.754 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.9	60.4	90.6	
101	9.7	7.5	11.3	
130	21.5	16.9	25.3	

Instrument :

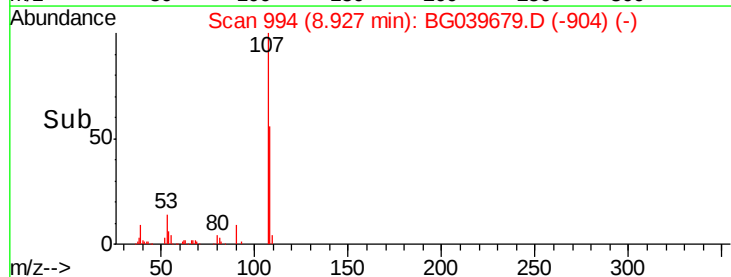
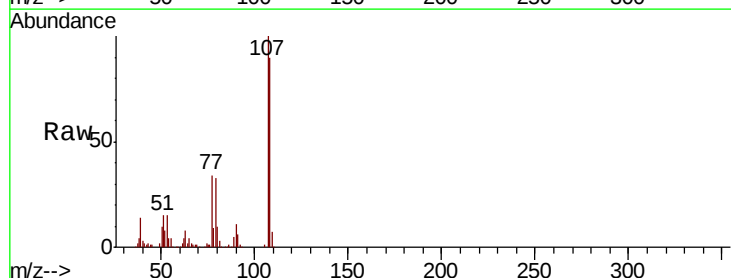
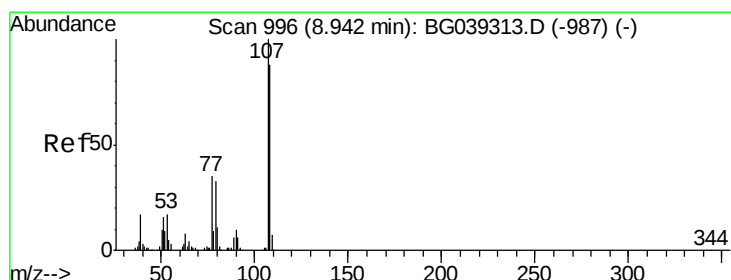
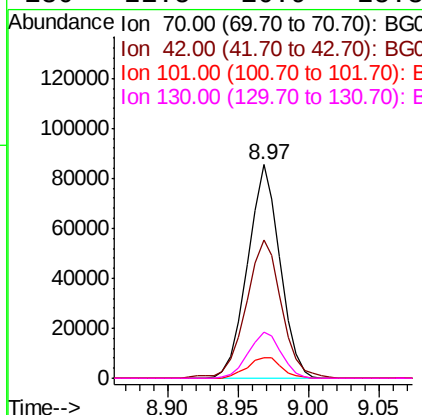
BNA_G

ClientSampleId :

BU-03-022719MS

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#20

3+4-Methylphenols

Concen: 44.551 ng

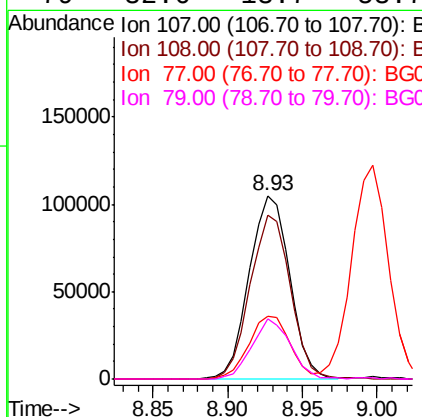
RT: 8.93 min Scan# 994

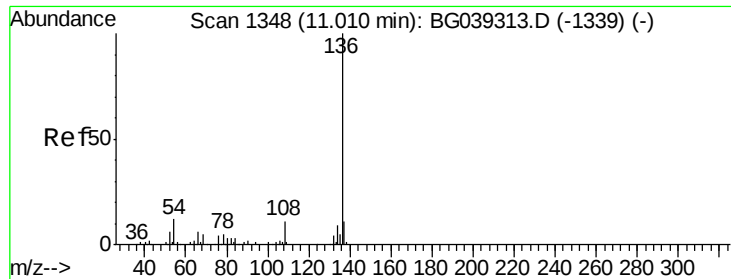
Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	67.9	107.9	
77	34.1	15.4	55.4	
79	32.6	13.7	53.7	





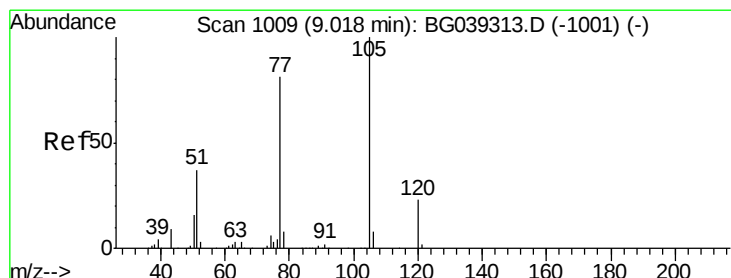
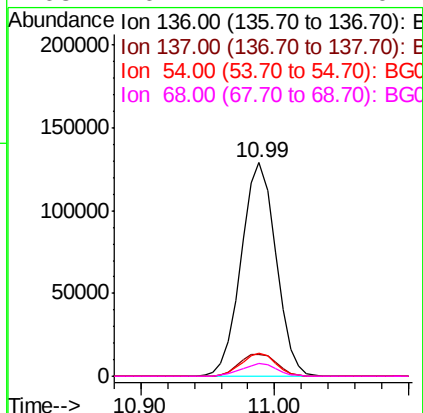
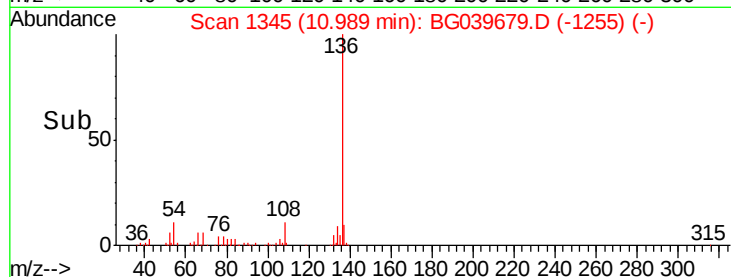
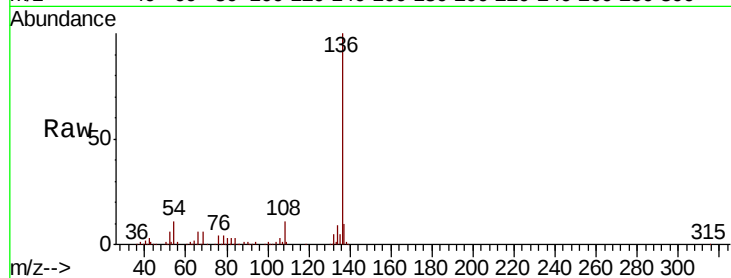
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	232197		
137	10.2		9.1	13.7
54	10.7		9.4	14.2
68	6.1		4.2	6.4

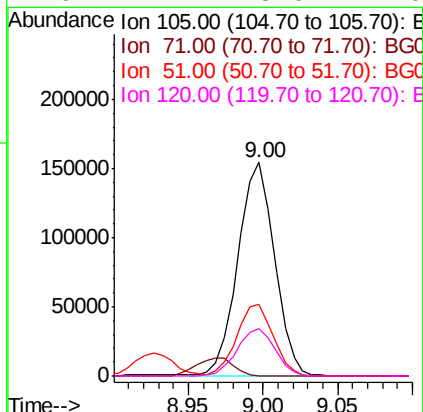
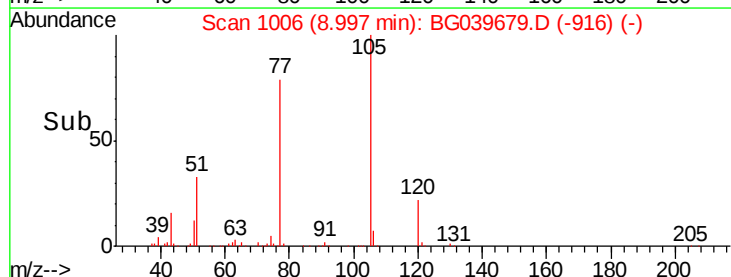
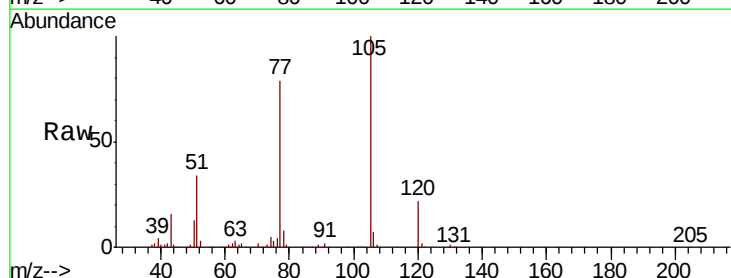
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#22
Acetophenone
Concen: 42.073 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262416		
71	0.3		0.8	1.2#
51	33.6		30.2	45.2
120	22.1		18.0	27.0





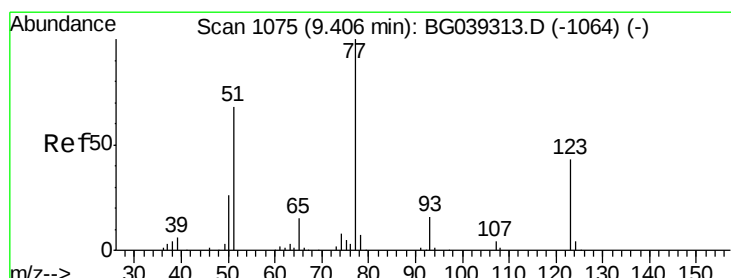
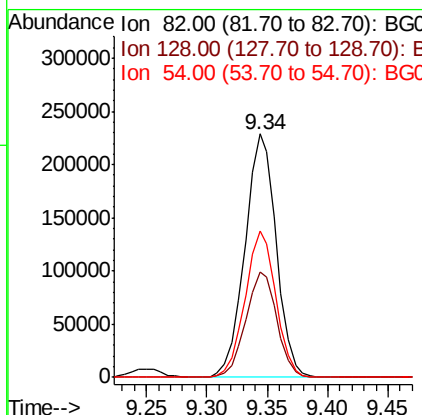
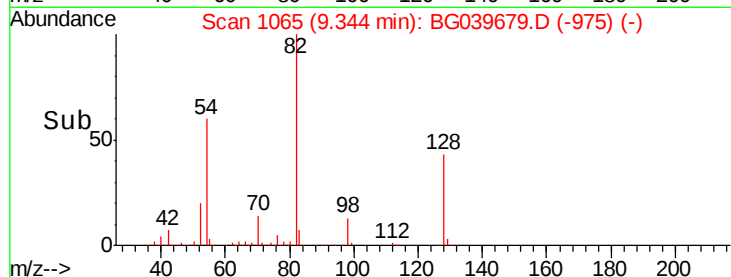
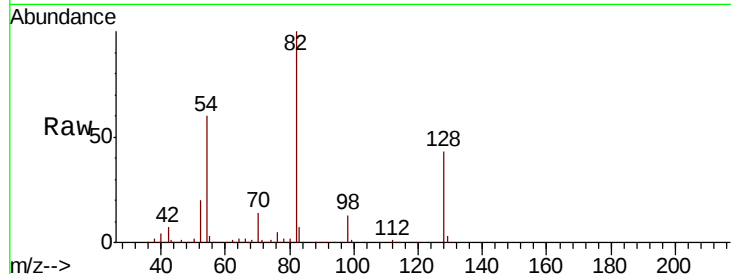
#23
Nitrobenzene-d5
Concen: 110.835 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.3	46.9
54	60.3	50.9	76.3

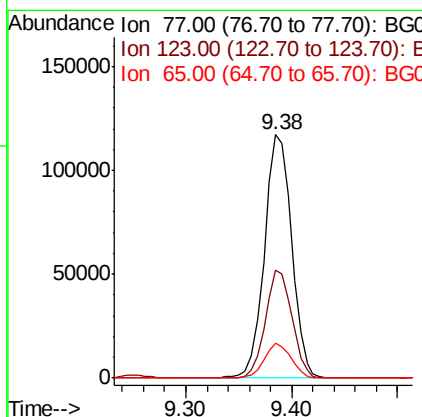
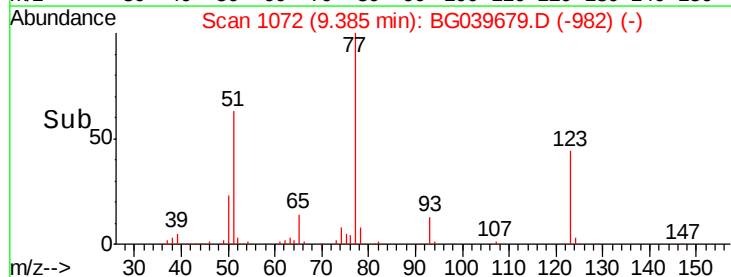
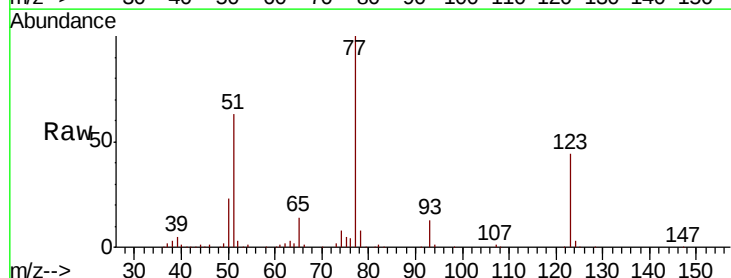
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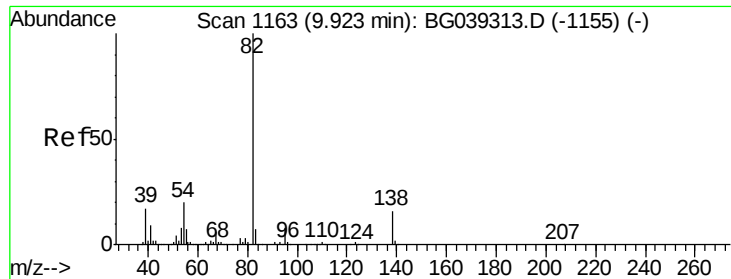
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#24
Nitrobenzene
Concen: 51.989 ng
RT: 9.38 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	34.1	51.1
65	14.4	12.3	18.5





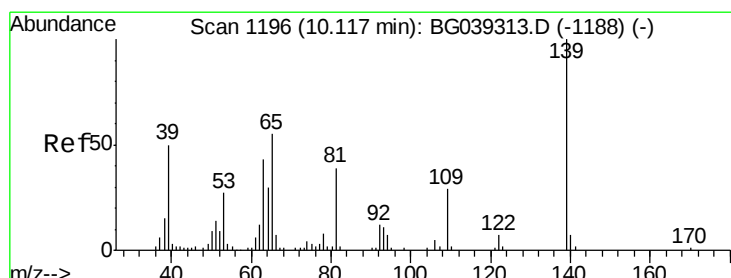
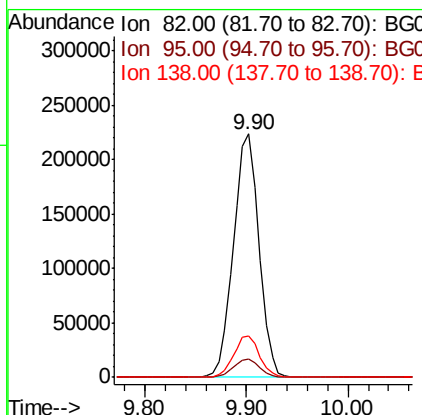
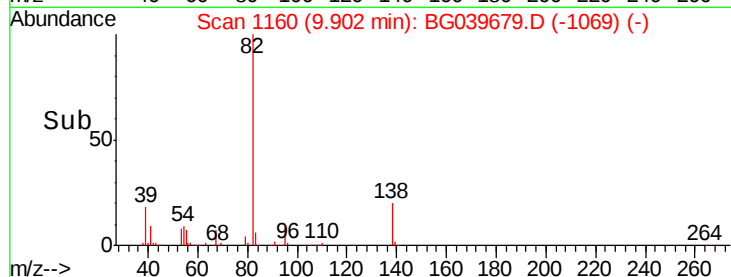
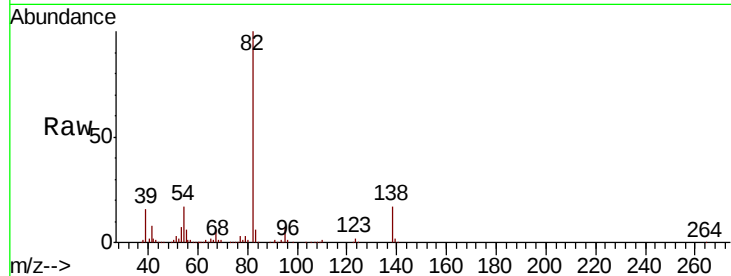
#25
Isophorone
Concen: 47.395 ng
RT: 9.90 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.4	6.2	9.2	
138	17.1	13.0	19.4	

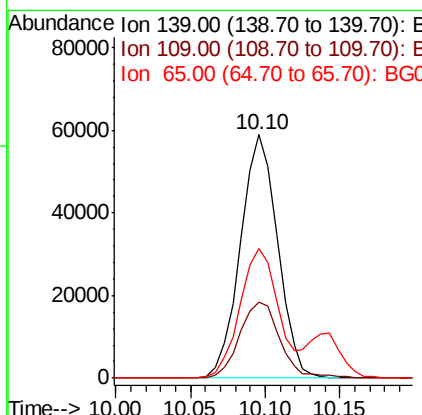
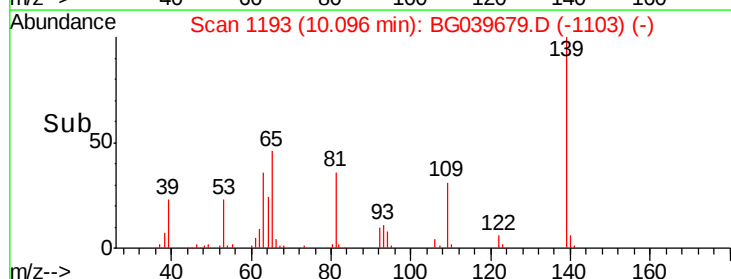
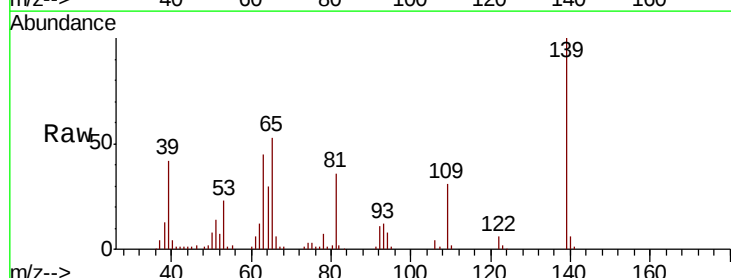
Manual Integrations
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#26
2-Nitrophenol
Concen: 59.832 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.1	23.4	35.0	
65	53.0	44.3	66.5	





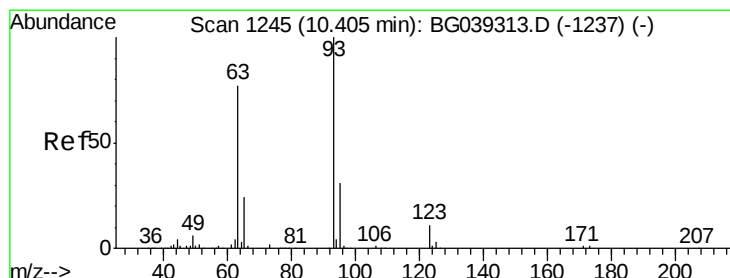
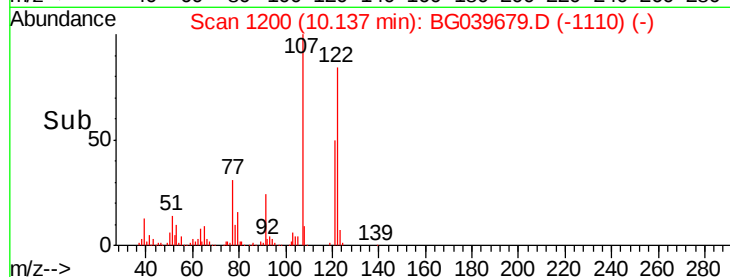
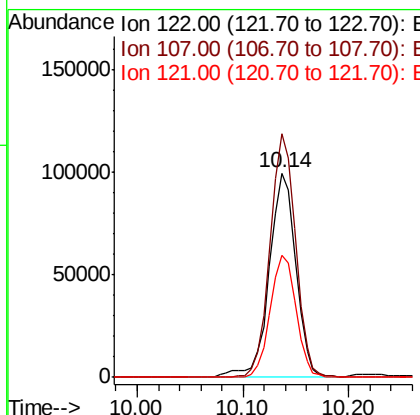
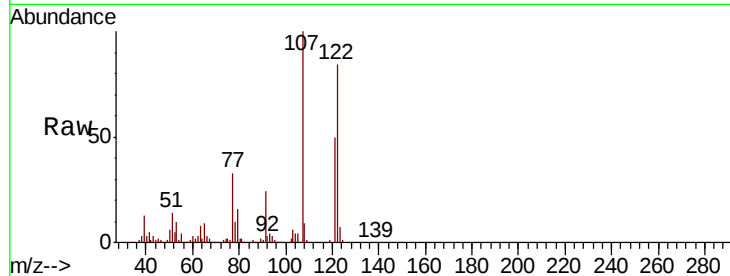
#27
2,4-Dimethylphenol
Concen: 51.988 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	91.7	137.5
121	59.7	46.4	69.6

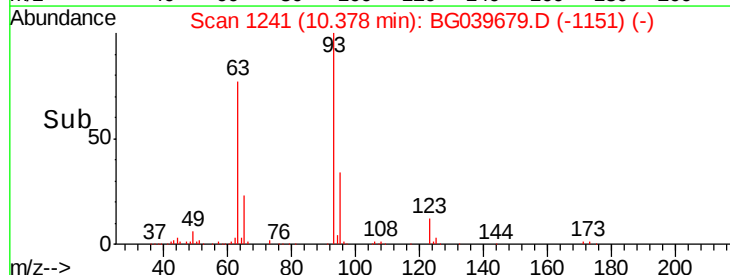
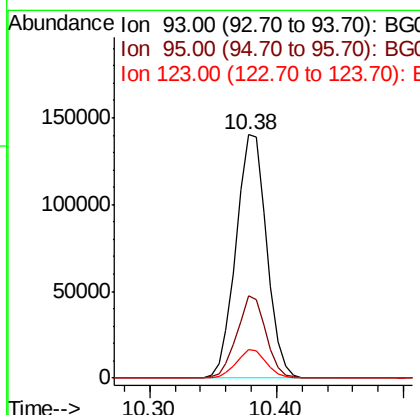
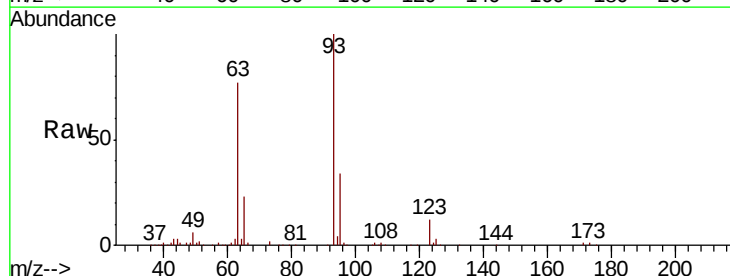
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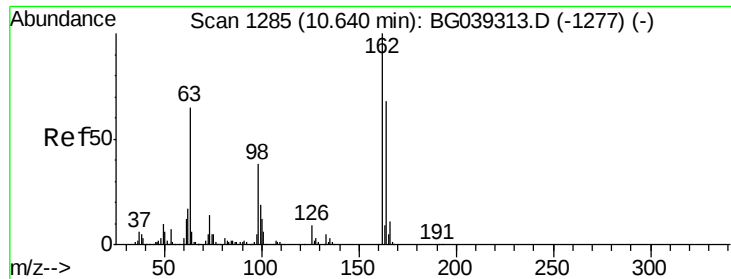
Sohil
3/1/2019 4:23:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.200 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.0	37.4
123	11.6	8.6	12.8





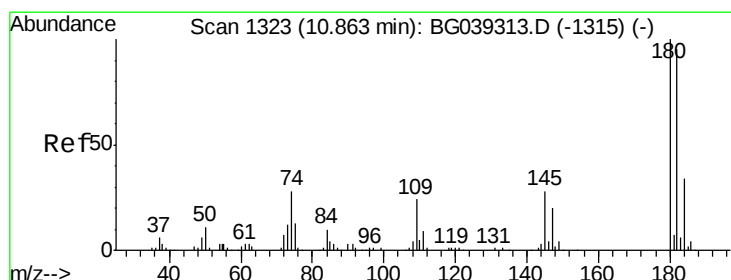
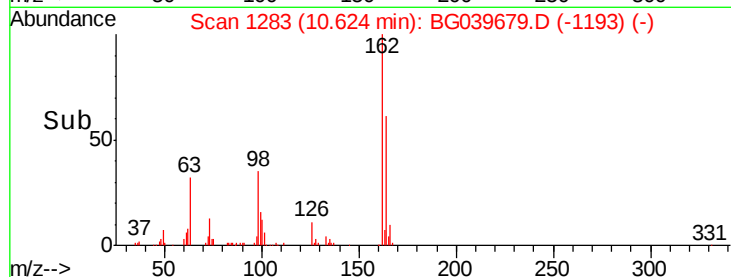
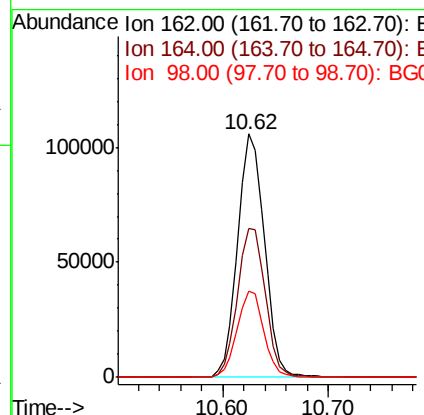
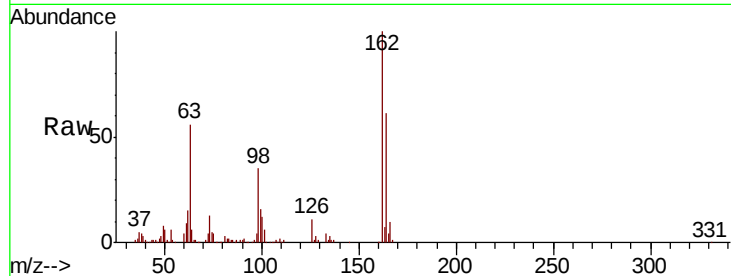
#29
2,4-Dichlorophenol
Concen: 51.168 ng
RT: 10.62 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampled :
BU-03-022719MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.2	48.1	88.1
98	35.1	18.1	58.1

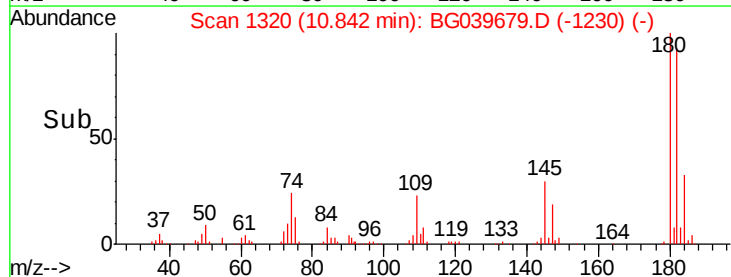
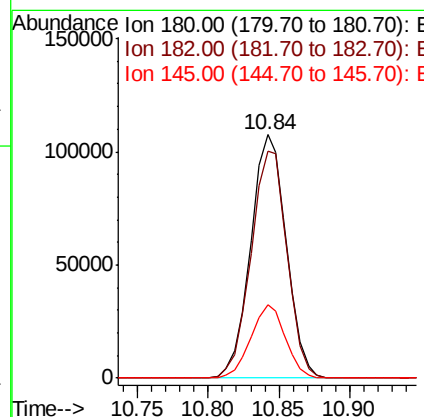
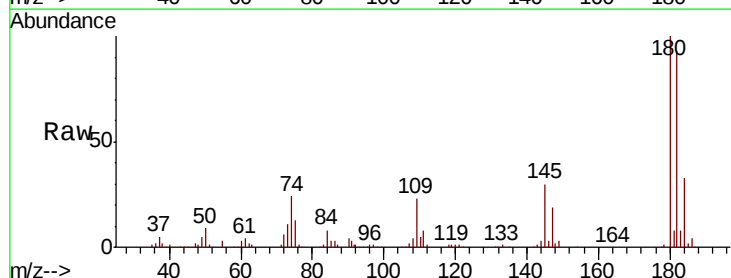
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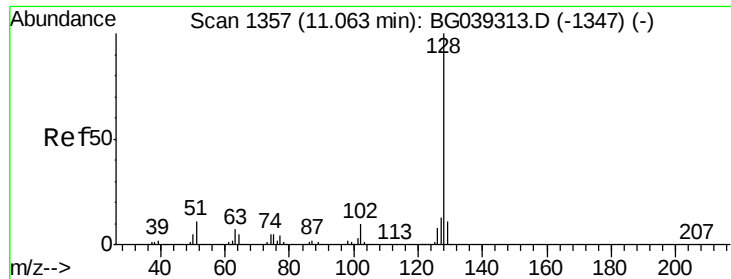
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#30
1,2,4-Trichlorobenzene
Concen: 46.618 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.4	76.0	114.0
145	29.9	22.7	34.1





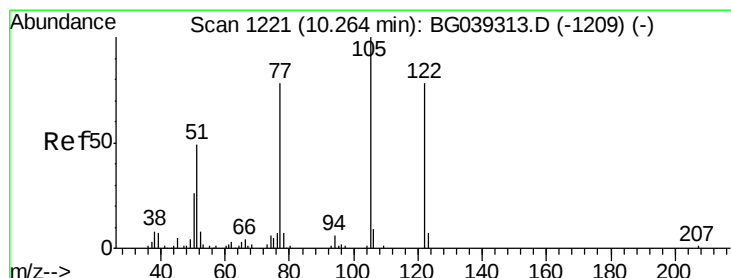
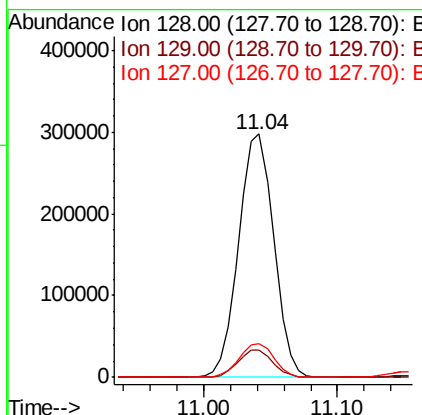
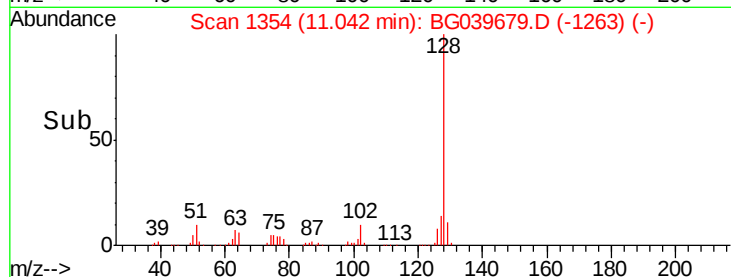
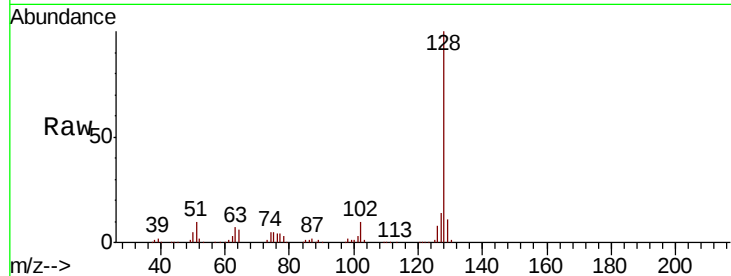
#31
Naphthalene
Concen: 46.943 ng
RT: 11.04 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.9	10.8	16.2

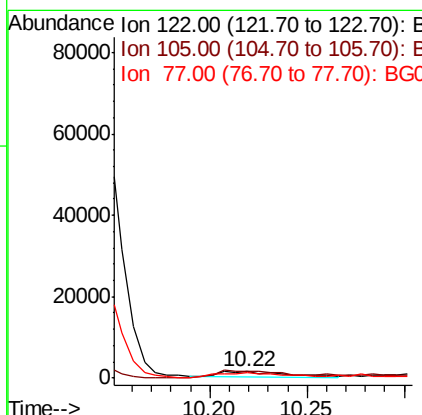
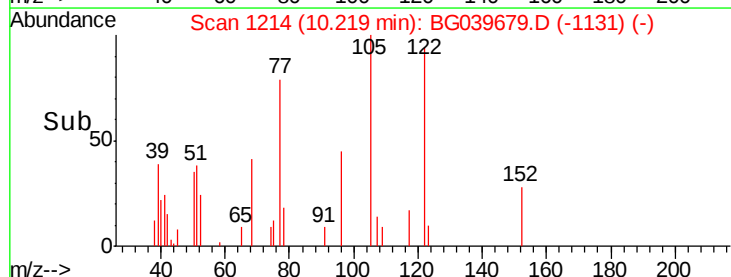
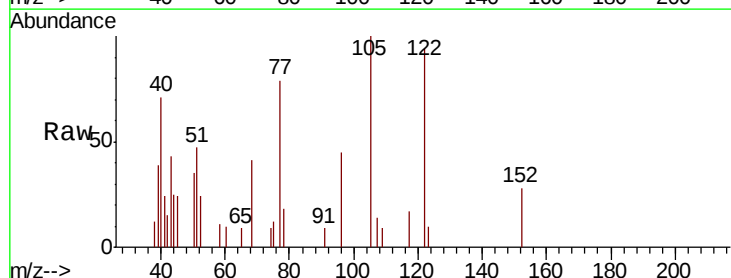
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#32
Benzoic acid
Concen: 10.218 ng m
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	106.9	101.8	141.8
77	84.9	76.3	116.3





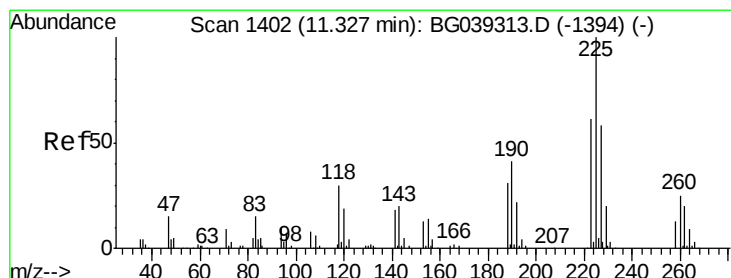
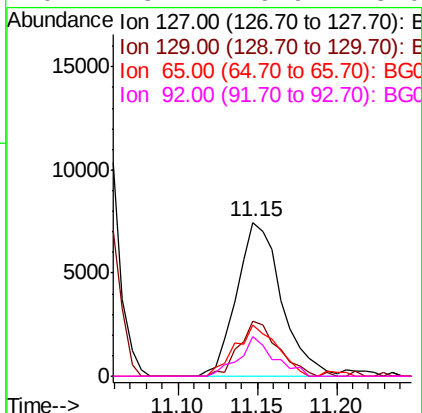
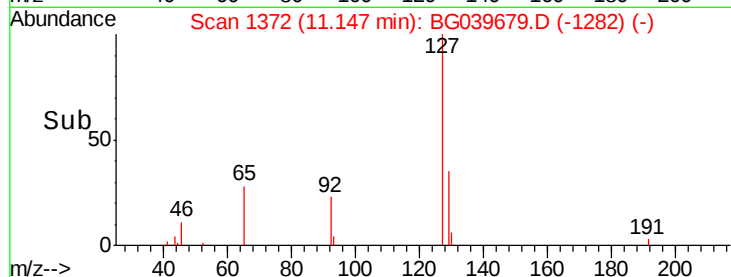
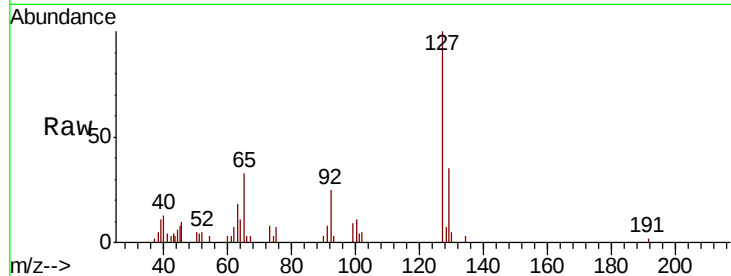
#33
4-Chloroaniline
Concen: 2.737 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.4	27.0	40.4		
65	33.1	28.8	43.2		
92	25.4	16.6	25.0		

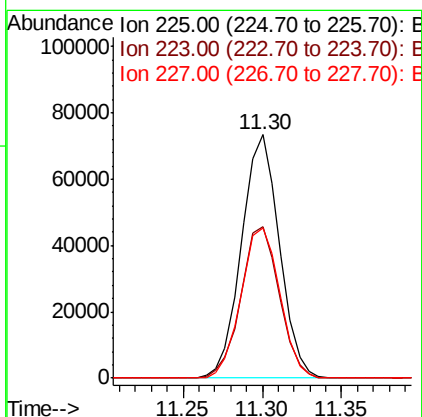
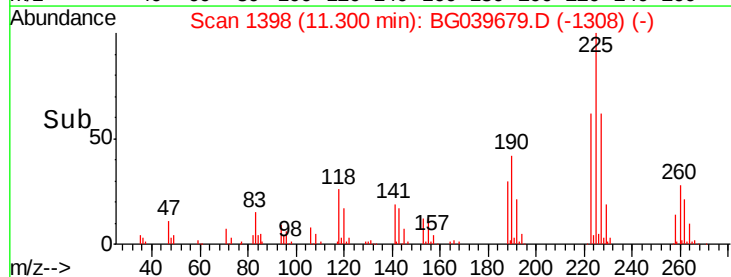
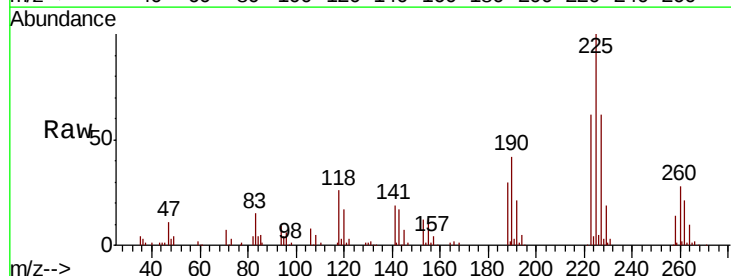
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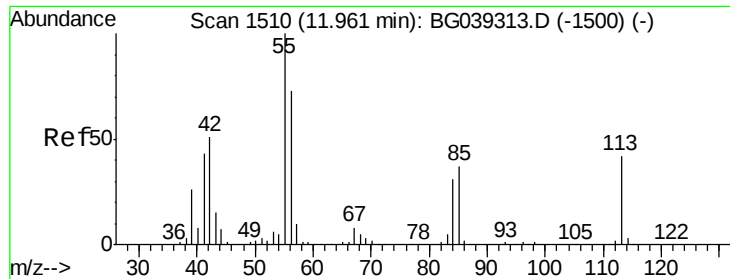
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#34
Hexachlorobutadiene
Concen: 44.834 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.0	73.6		
227	61.7	46.3	69.5		





#35

Caprolactam

Concen: 31.472 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

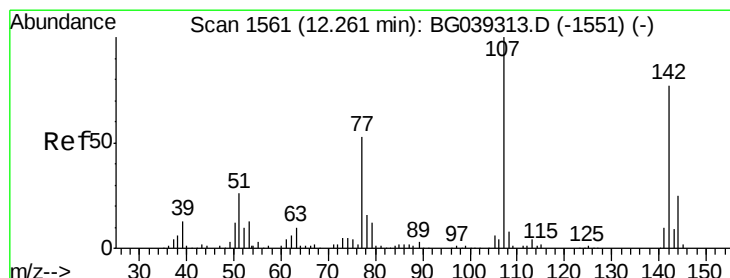
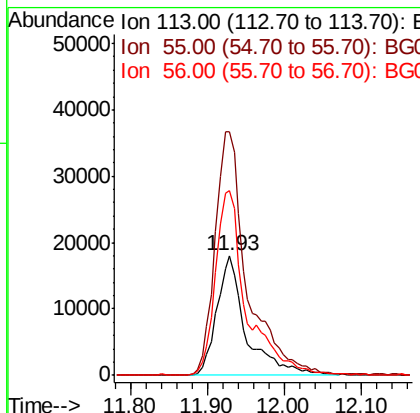
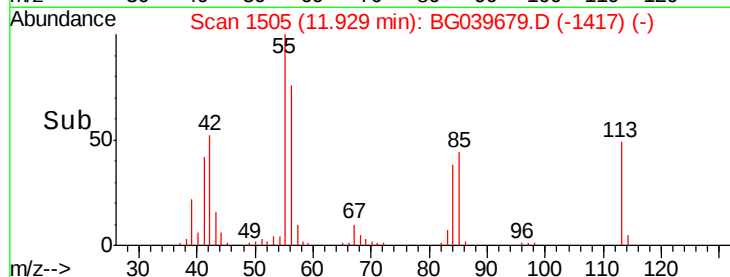
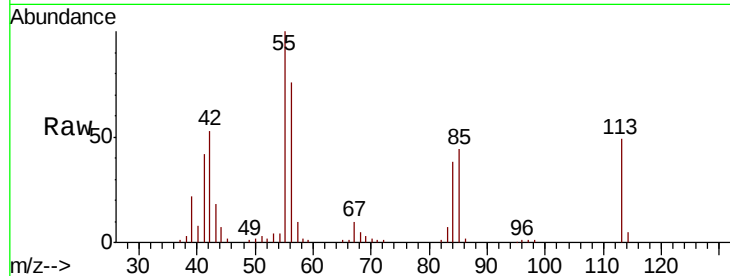
ClientSampleId :

BU-03-022719MS

Tot Ion:113 Resp: 47425
 Ion Ratio Lower Upper
 113 100
 55 203.3 216.9 256.9#
 56 154.6 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 46.413 ng

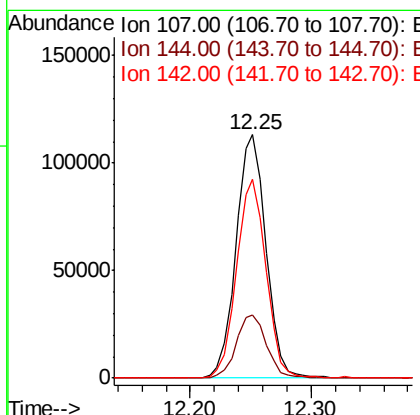
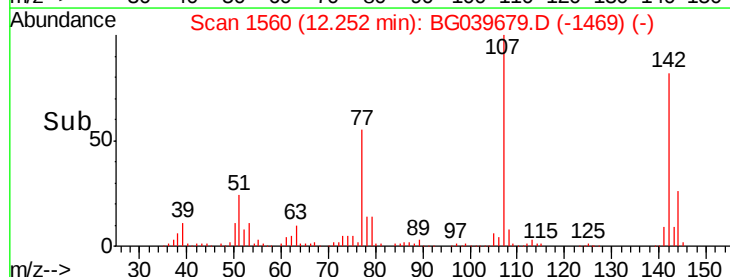
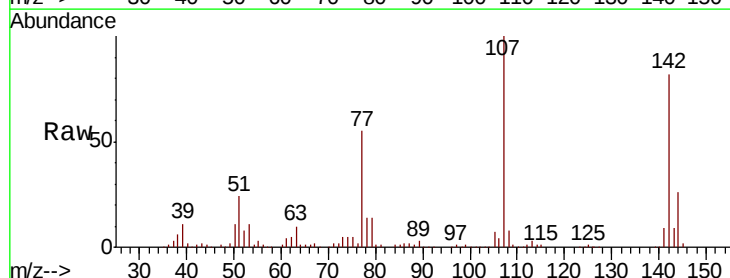
RT: 12.25 min Scan# 1560

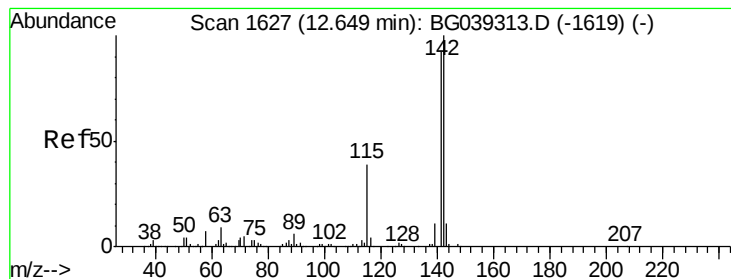
Delta R.T. 0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion:107 Resp: 195464
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 81.6 61.4 92.2





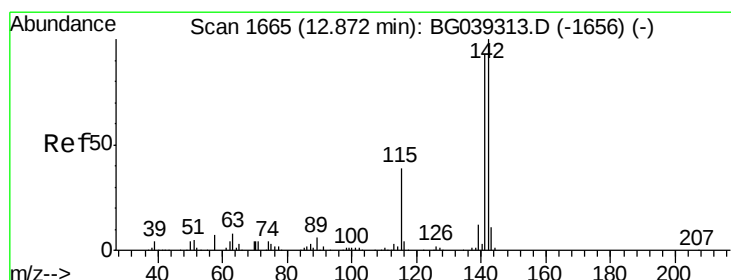
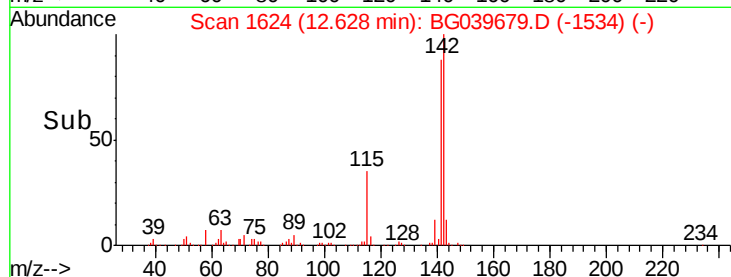
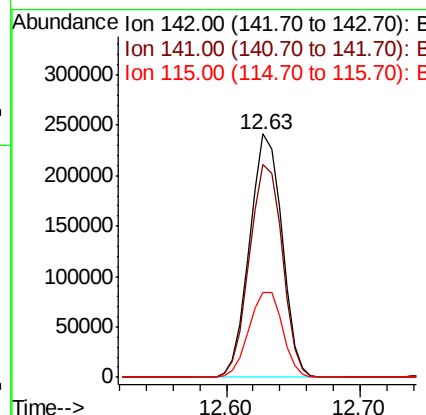
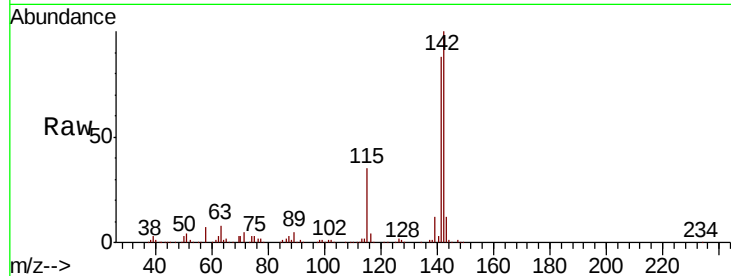
#37
2-Methylnaphthalene
Concen: 47.403 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	73.5	110.3
115	35.1	30.8	46.2

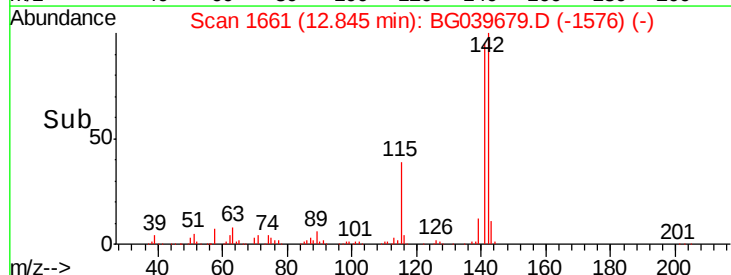
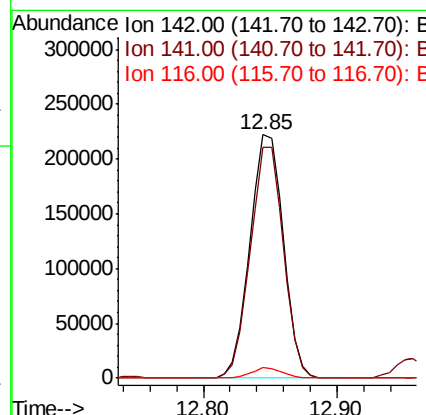
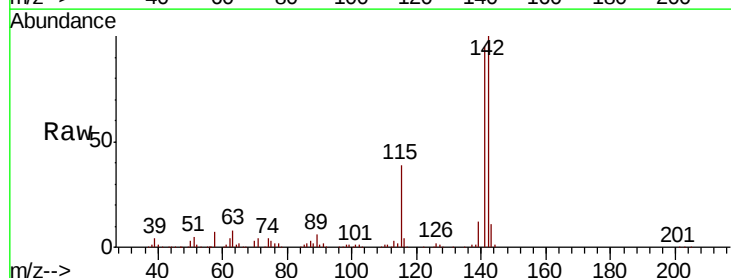
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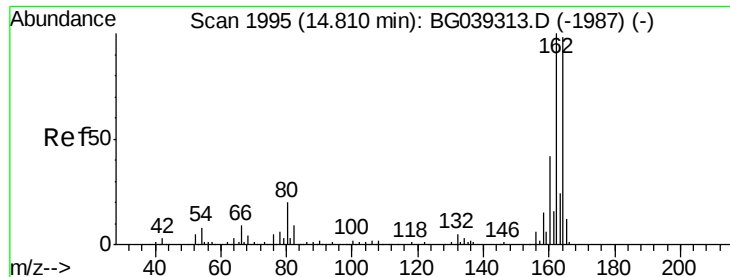
Sohil
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#38
1-Methylnaphthalene
Concen: 46.569 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

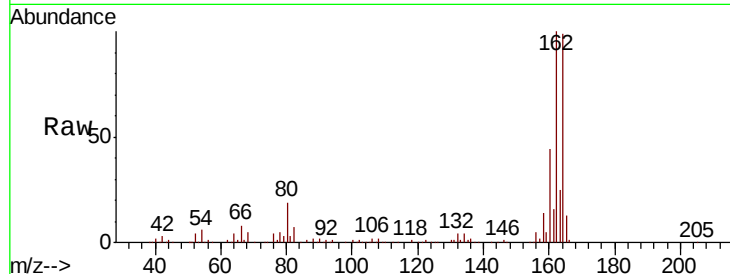
ClientSampleId :

BU-03-022719MS

Tot Ion:	164	Resp:	150433
Ion Ratio	Lower	Upper	
164	100		
162	100.6	81.6	122.4
160	44.6	34.2	51.2

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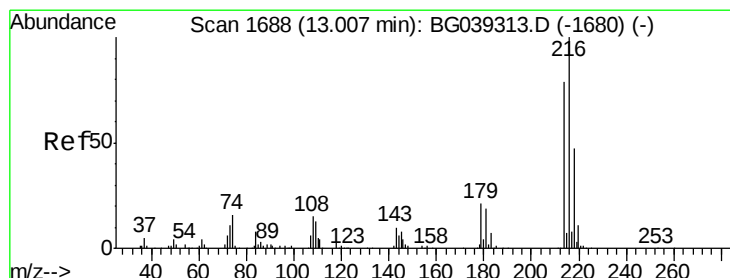
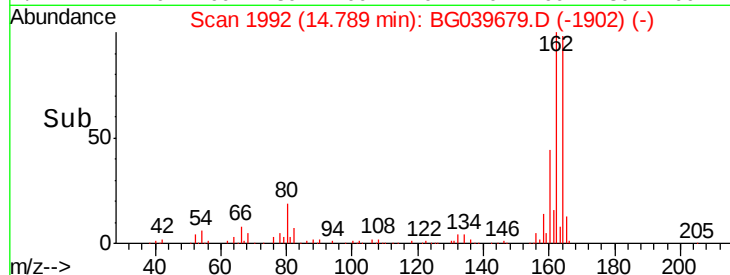
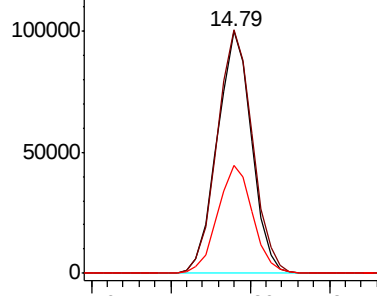


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.162 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion:	216	Resp:	220949
Ion Ratio	Lower	Upper	
216	100		
214	80.1	62.6	94.0
179	20.7	16.6	25.0
108	18.3	14.0	21.0

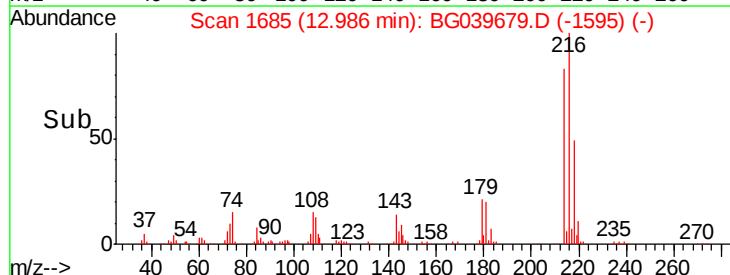
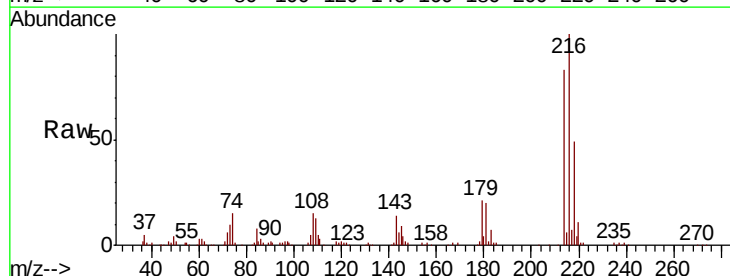
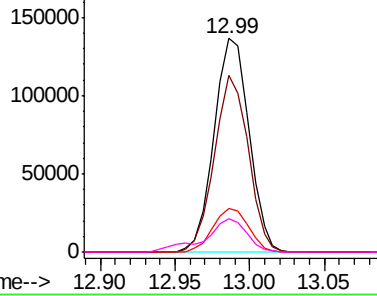
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.022 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

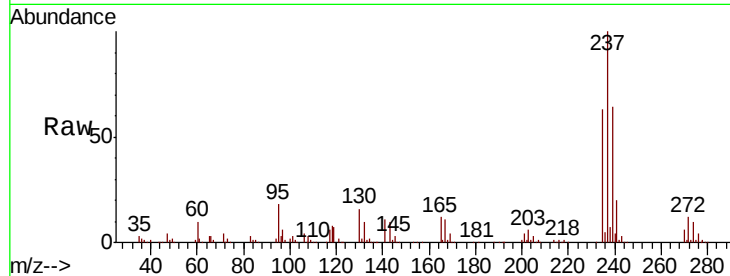
ClientSampleId :

BU-03-022719MS

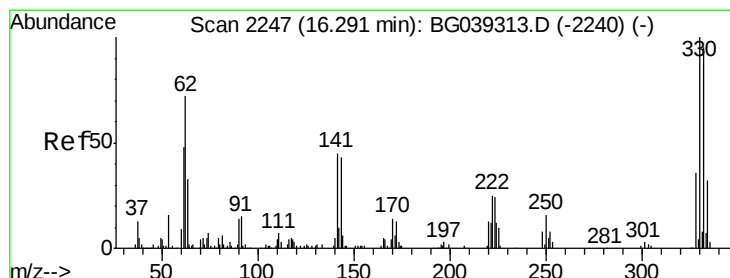
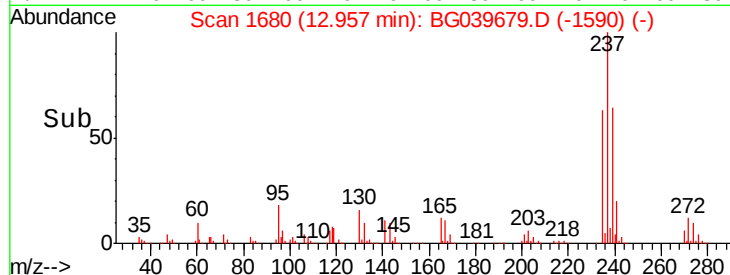
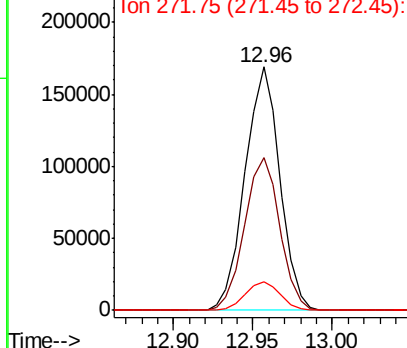
Tot Ion:	237	Resp:	258263
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.3	83.3
272	11.9	0.0	32.3

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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: 156.396 ng

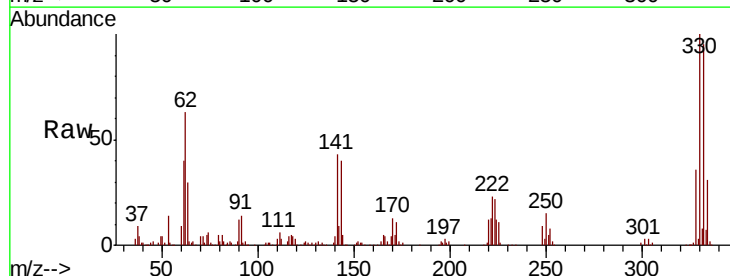
RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

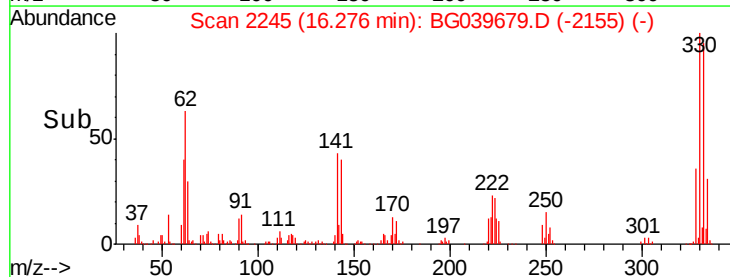
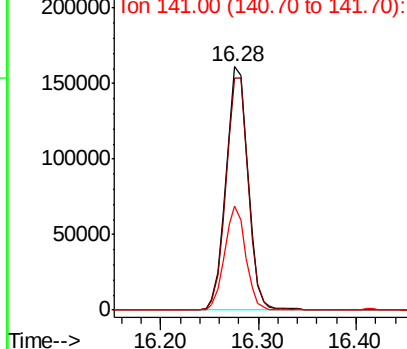
Lab File: BG039679.D

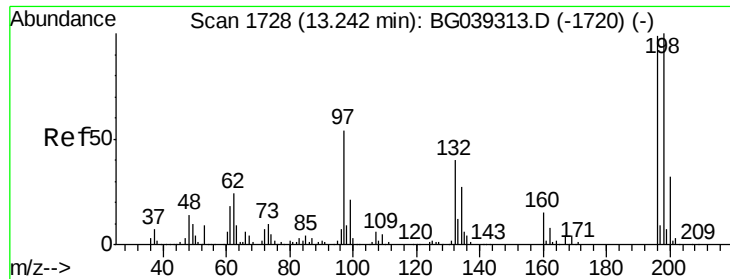
Acq: 1 Mar 2019 4:15

Tgt Ion:	330	Resp:	253347
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.7	113.5
141	40.9	35.6	53.4



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





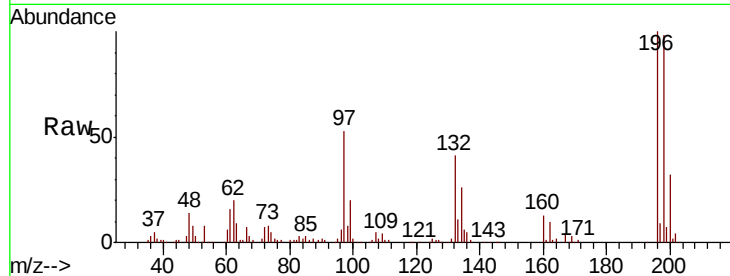
#43
 2,4,6-Trichlorophenol
 Concen: 52.375 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	154134		
198	97.9	80.6	121.0	
200	32.1	26.1	39.1	

Manual Integrations
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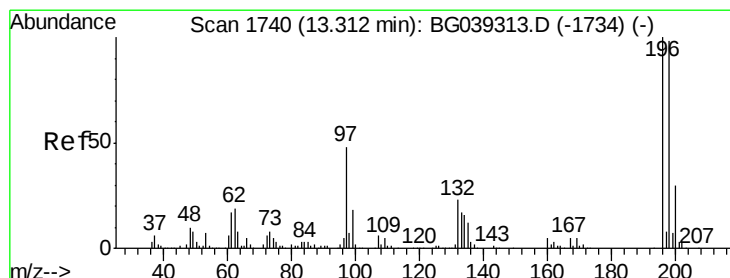
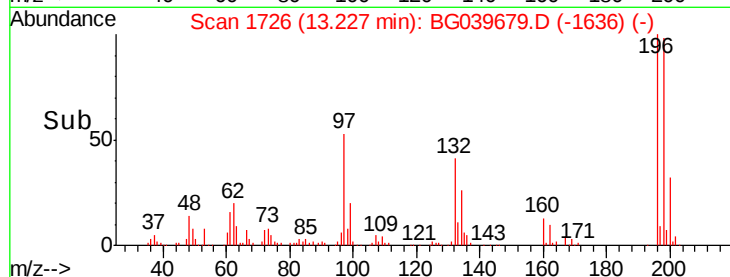
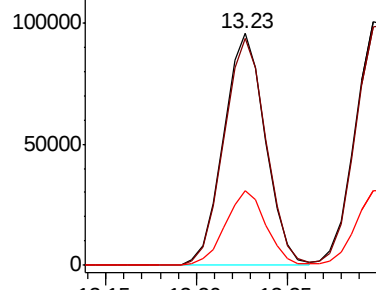


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 54.141 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166992		
198	97.8	78.5	117.7	
97	47.6	38.4	57.6	
132	25.1	19.2	28.8	

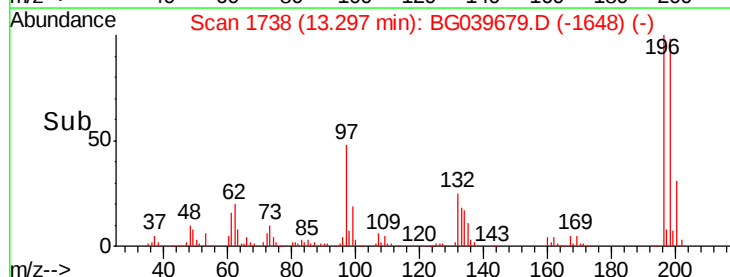
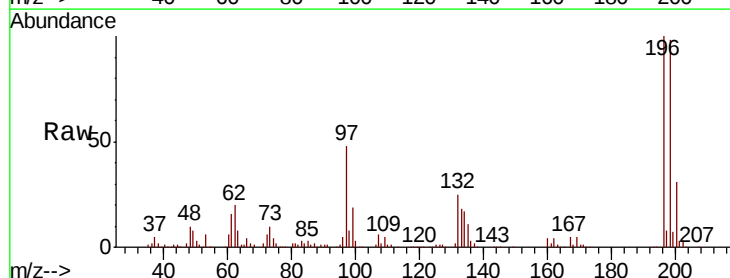
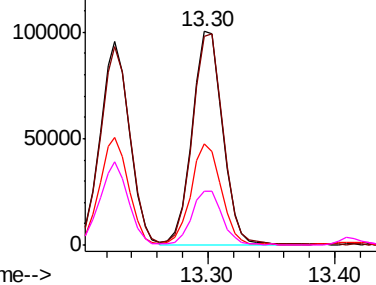
Abundance

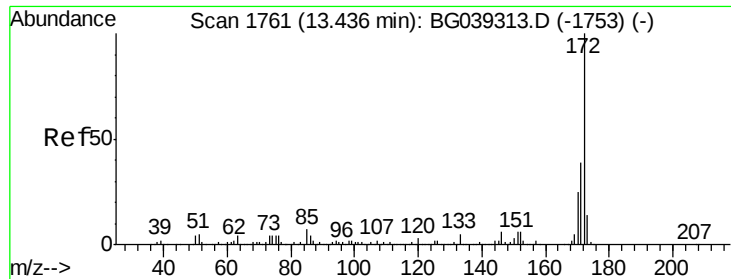
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





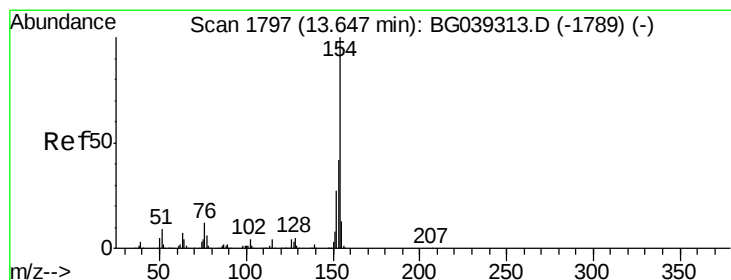
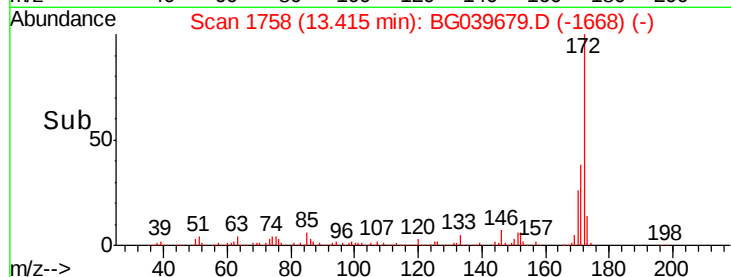
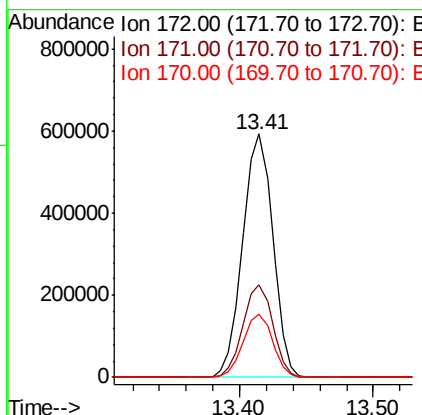
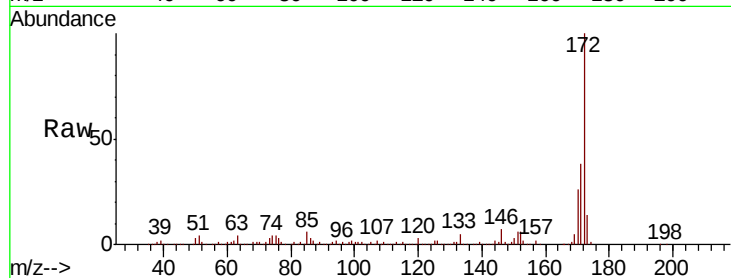
#45
2-Fluorobiphenyl
Concen: 88.398 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.7	20.2	30.4

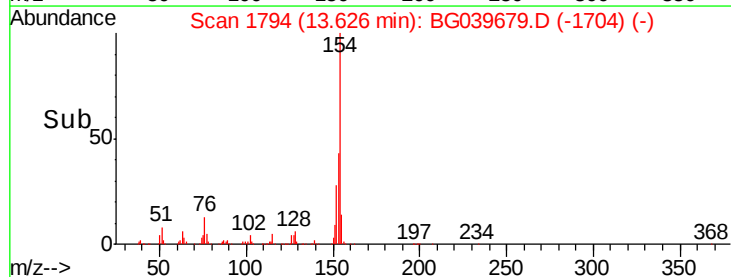
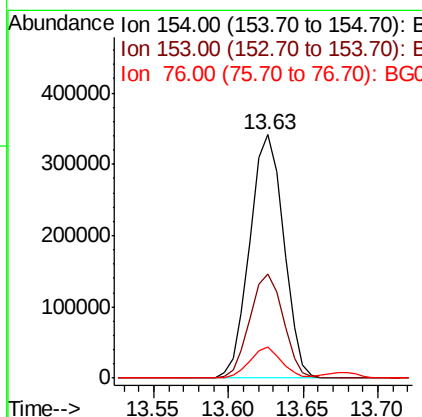
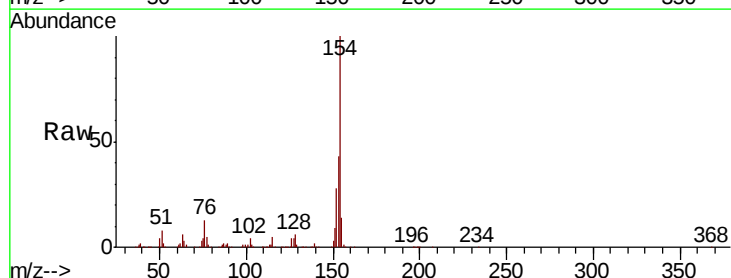
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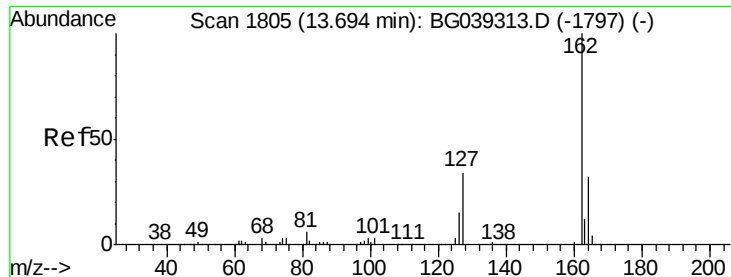
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#46
1,1'-Biphenyl
Concen: 42.909 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	12.8	0.0	32.4





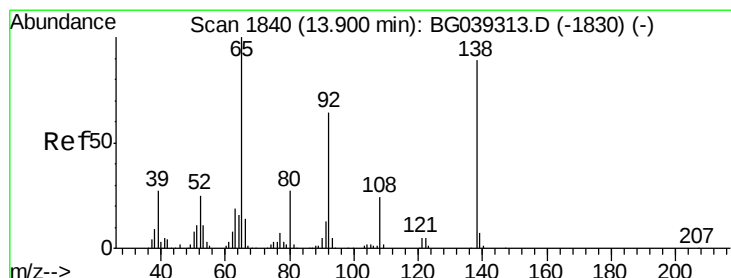
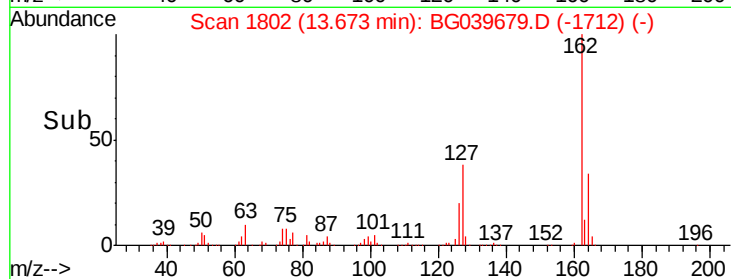
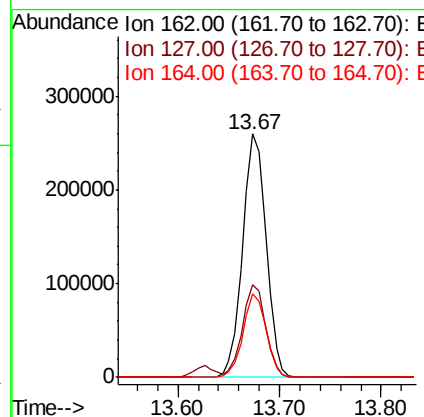
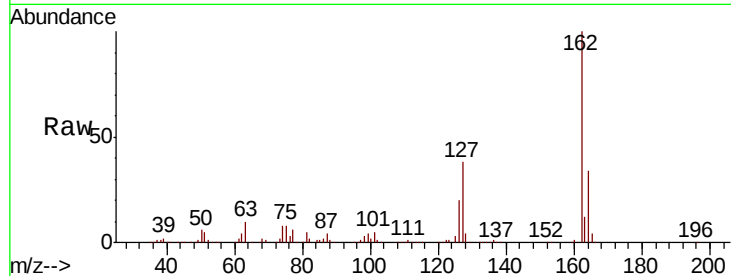
#47
2-Chloronaphthalene
Concen: 44.503 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.0	46.6
164	34.3	25.7	38.5

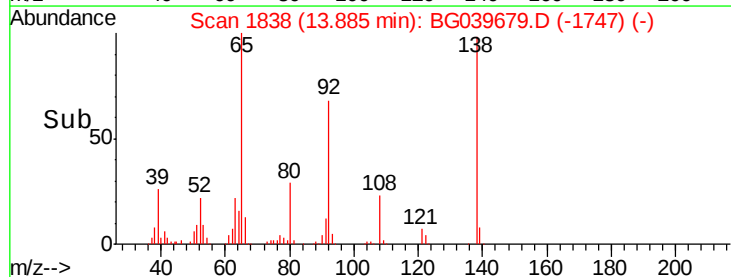
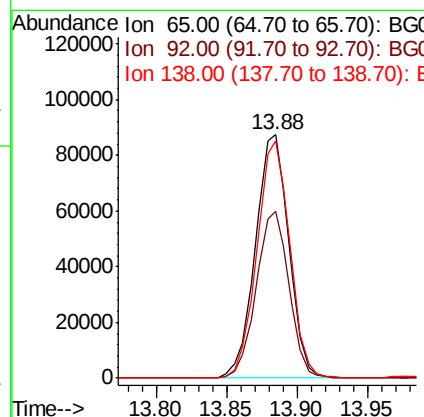
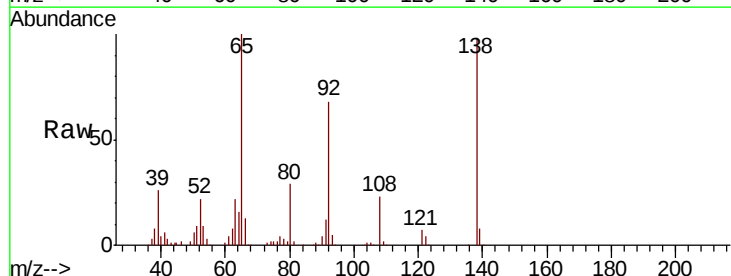
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#48
2-Nitroaniline
Concen: 52.731 ng
RT: 13.88 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	51.4	77.2
138	97.6	71.4	107.2





#49

Acenaphthylene

Concen: 47.901 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

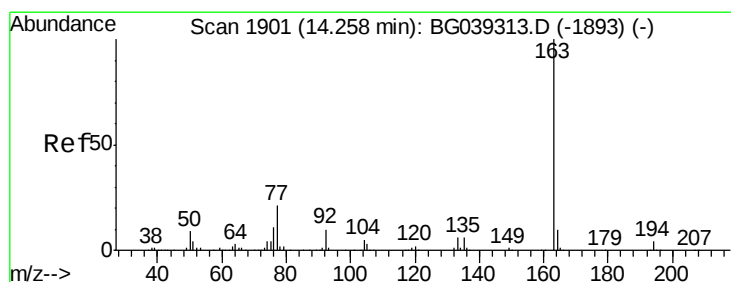
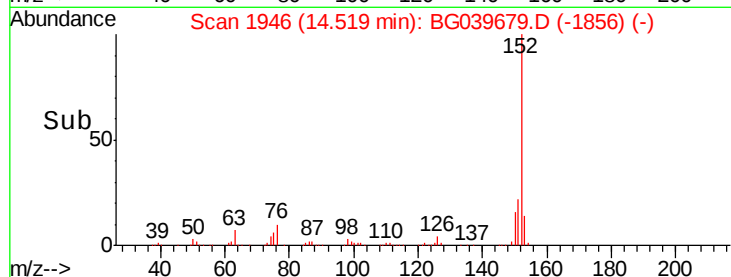
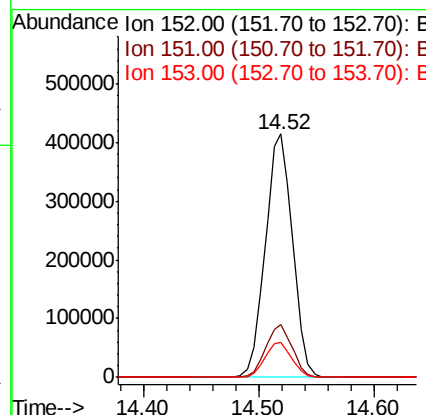
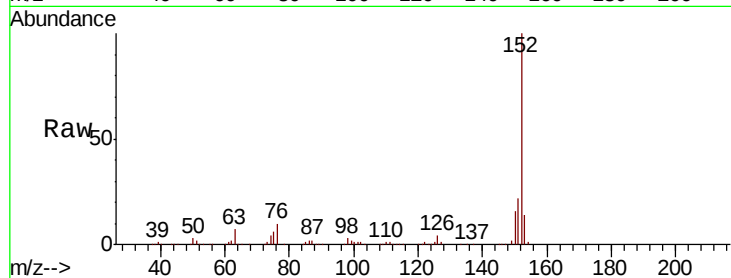
ClientSampleId :

BU-03-022719MS

Tot Ion:	152	Resp:	680565
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.8	25.2
153	14.2	11.7	17.5

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#50

Dimethylphthalate

Concen: 45.715 ng

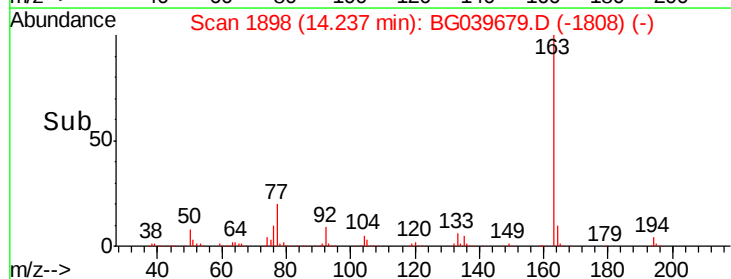
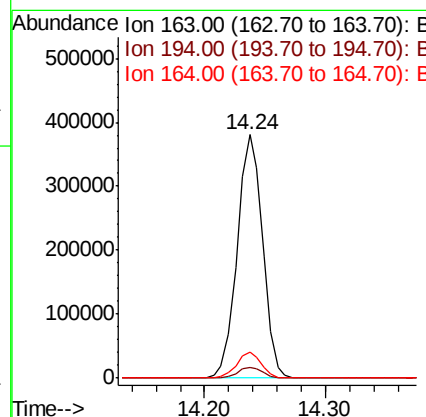
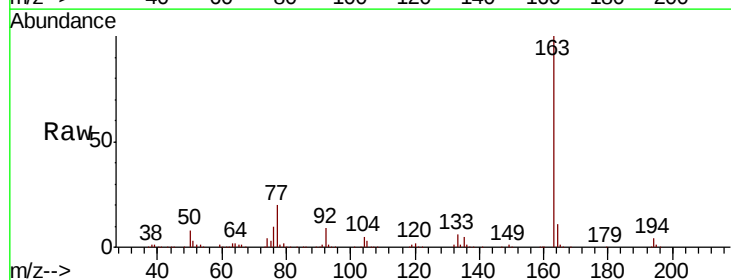
RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion:	163	Resp:	555422
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.6	8.4	12.6





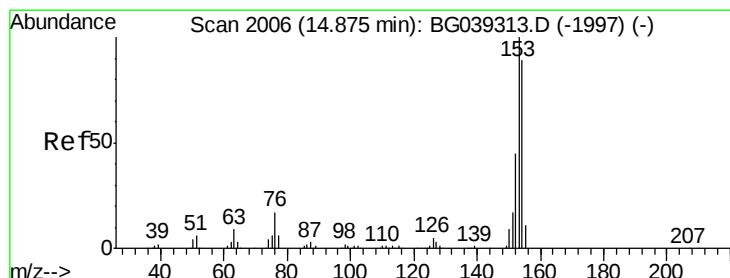
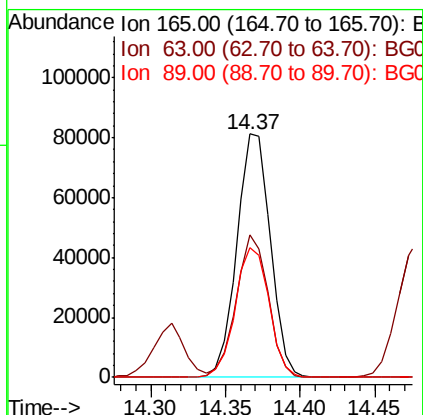
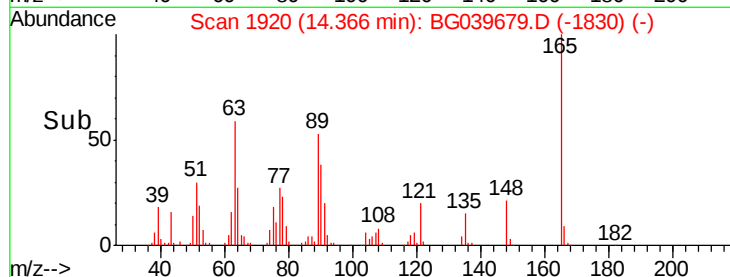
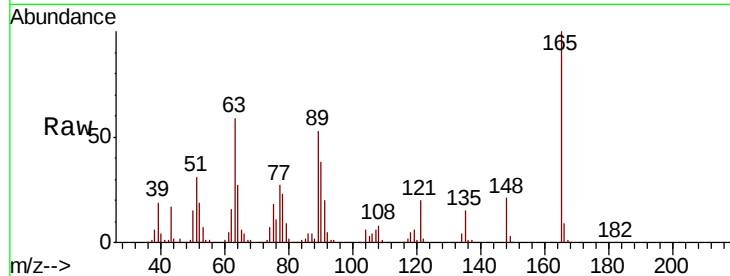
#51
 2,6-Dinitrotoluene
 Concen: 54.651 ng
 RT: 14.37 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	126487		
63	58.6	47.0	70.6	
89	53.5	45.8	68.8	

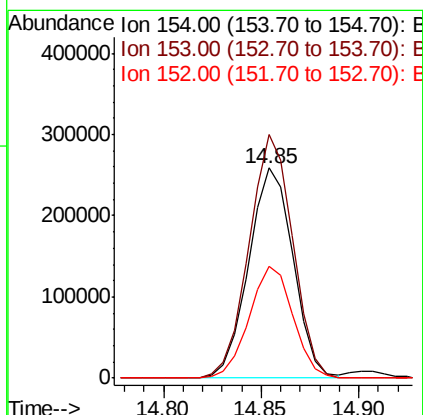
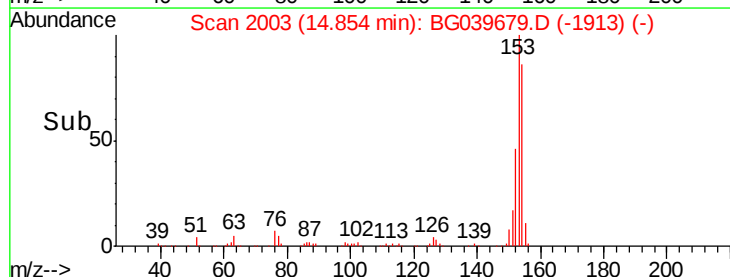
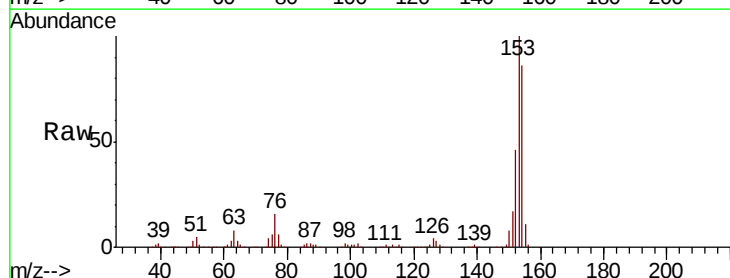
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#52
 Acenaphthene
 Concen: 44.269 ng
 RT: 14.85 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	408266		
153	116.1	90.1	135.1	
152	53.3	40.9	61.3	





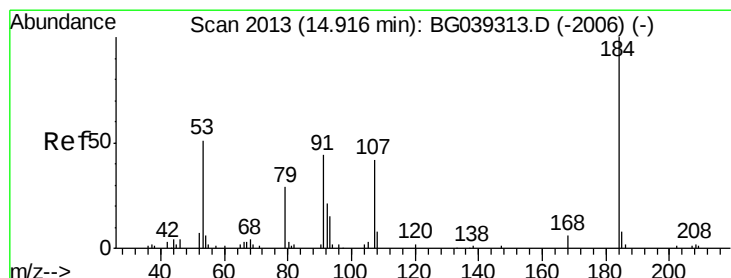
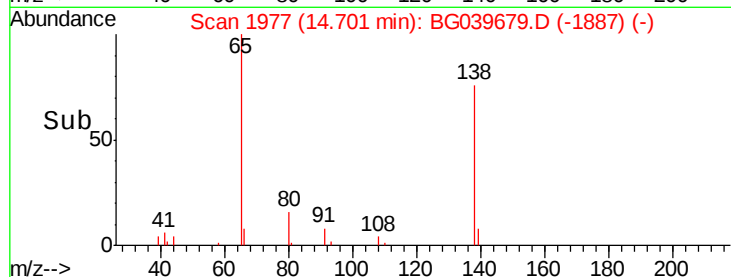
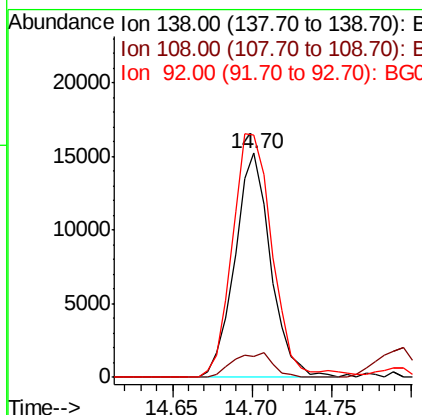
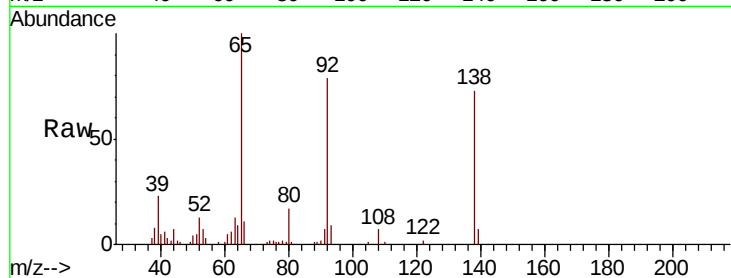
#53
3-Nitroaniline
Concen: 14.349 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	13.8	20.8#
92	108.2	103.7	155.5

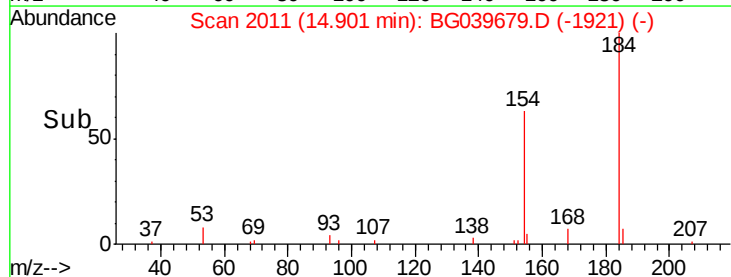
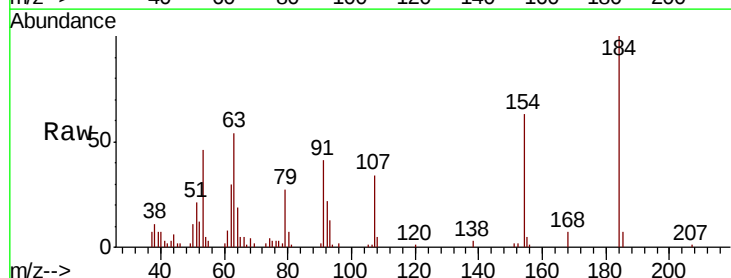
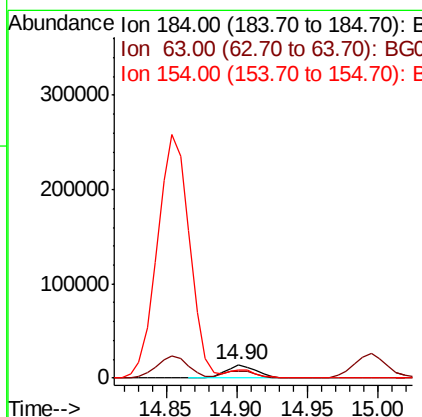
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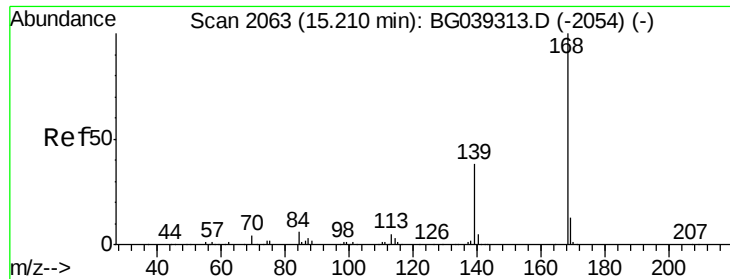
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#54
2,4-Dinitrophenol
Concen: 31.517 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.6	50.9	76.3
154	62.9	53.0	79.6





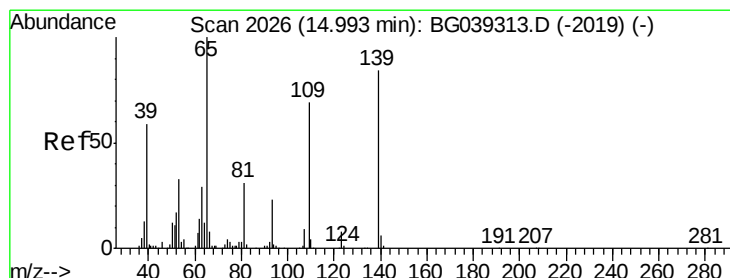
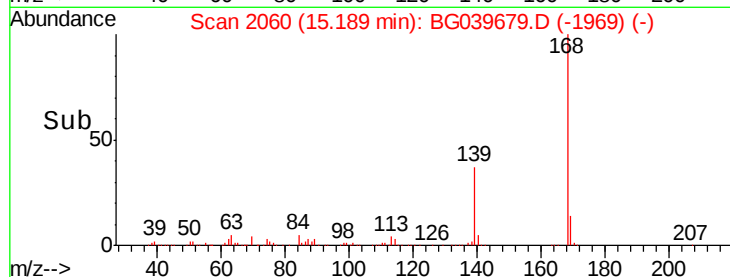
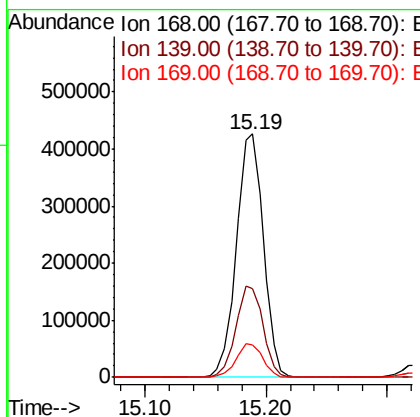
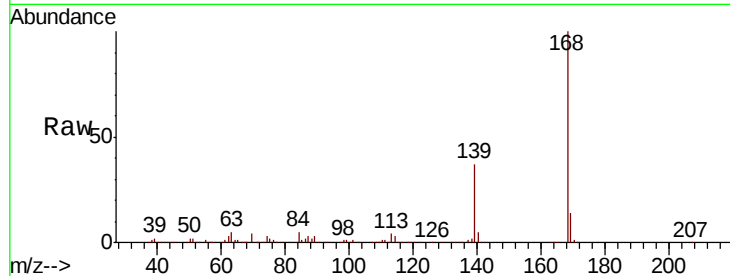
#55
Dibenzofuran
Concen: 44.965 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	13.5	10.6	16.0

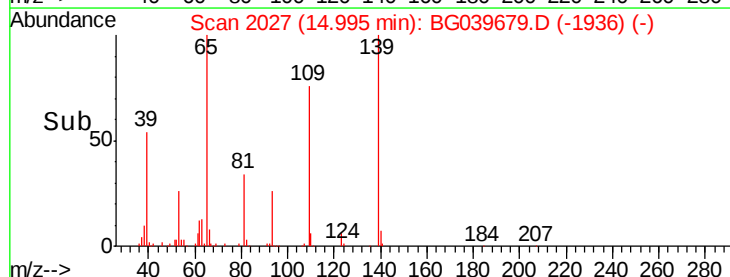
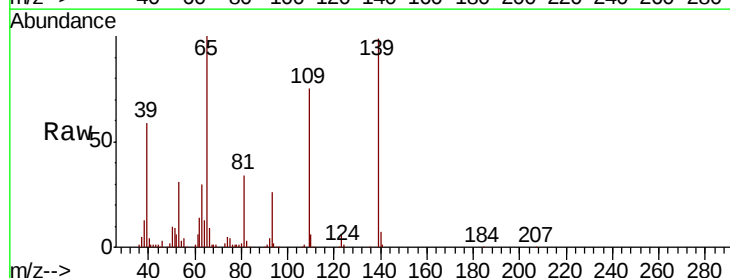
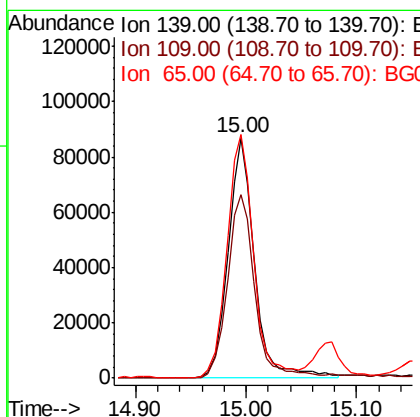
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#56
4-Nitrophenol
Concen: 66.977 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.3	61.9	101.9
65	101.4	99.1	139.1





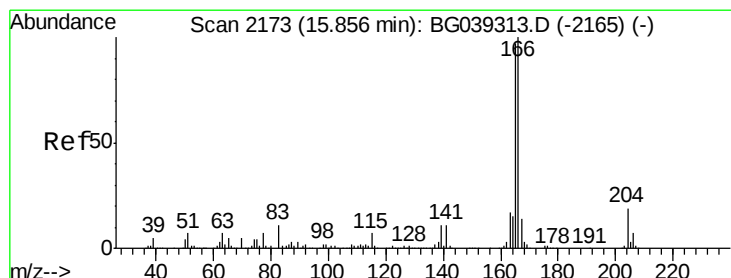
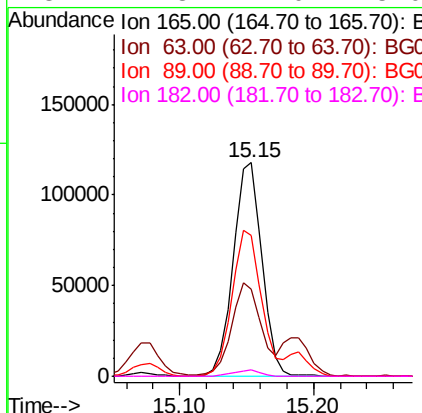
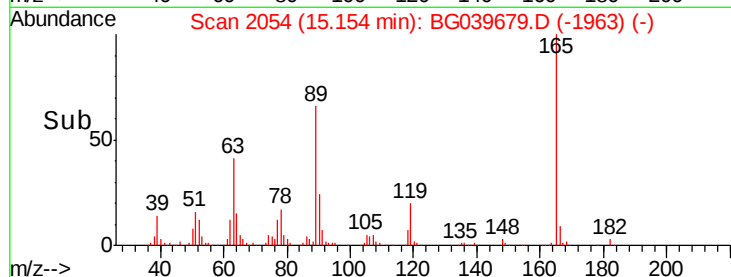
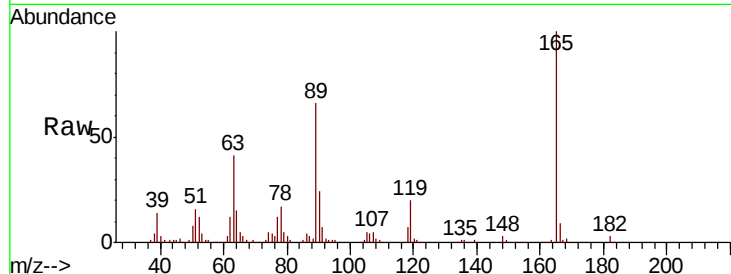
#57
2,4-Dinitrotoluene
Concen: 58.466 ng
RT: 15.15 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175986		
63	41.0	41.0	61.6#	
89	65.6	64.6	96.8	
182	2.8	2.0	3.0	

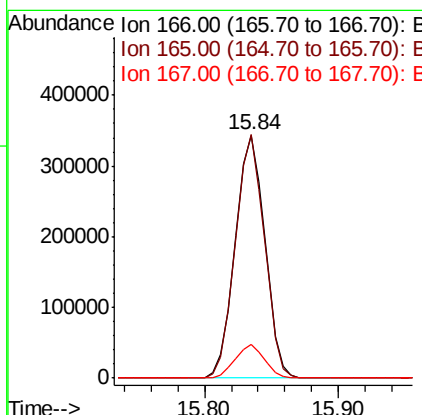
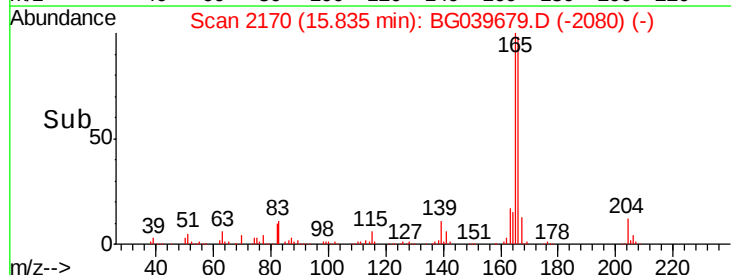
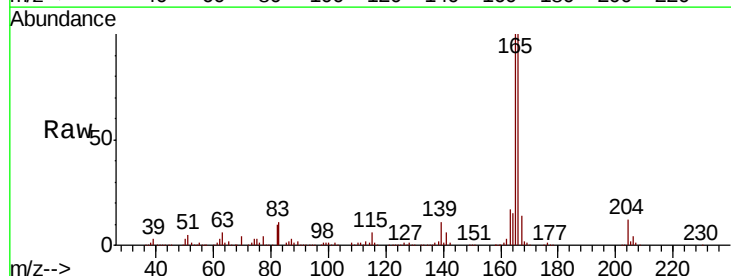
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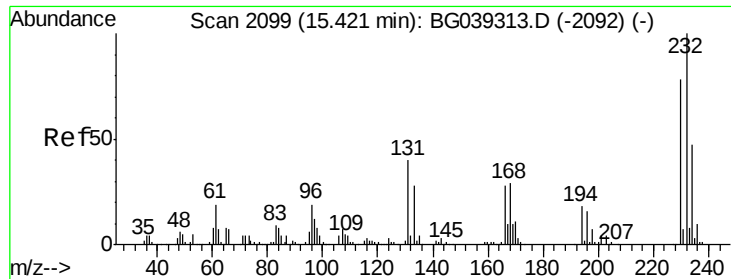
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#58
Fluorene
Concen: 48.028 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	529404		
165	100.3	77.9	116.9	
167	14.0	10.8	16.2	





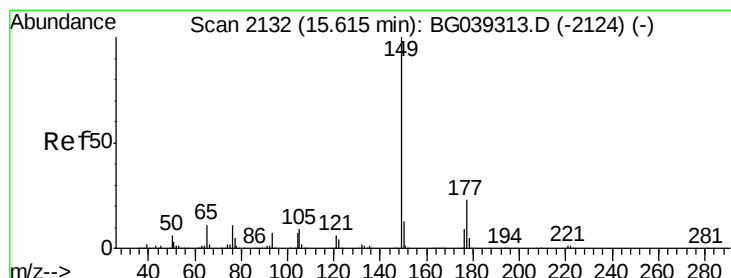
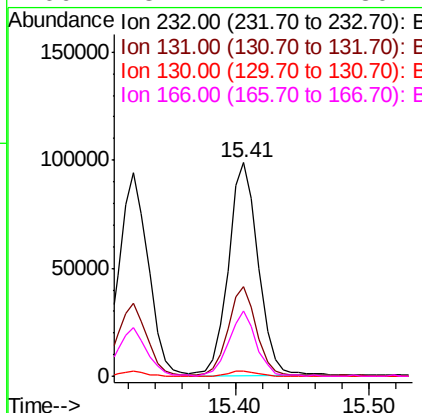
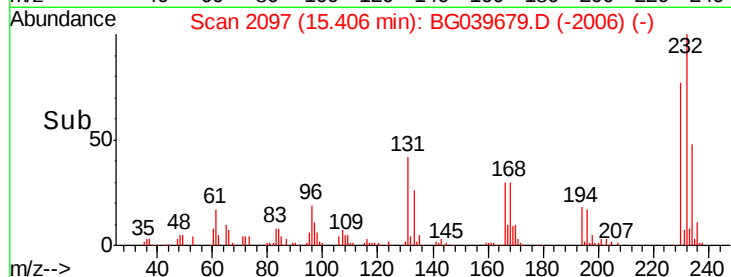
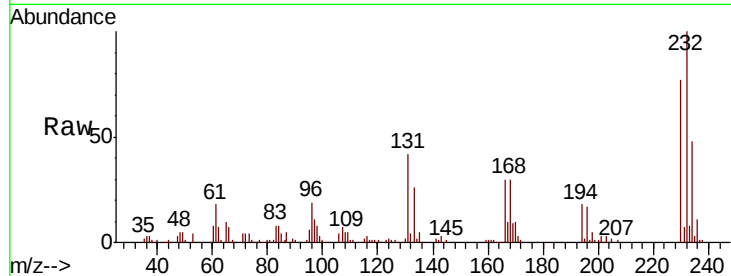
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.902 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	152779		
131	39.2		34.9	52.3
130	2.4		2.0	3.0
166	28.2		24.1	36.1

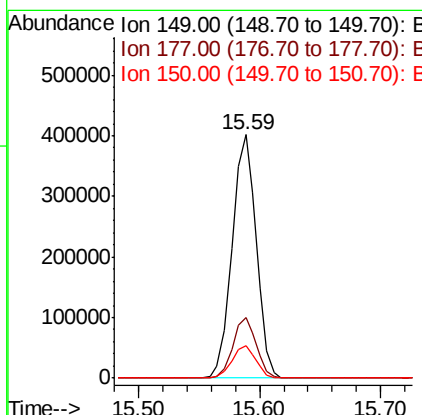
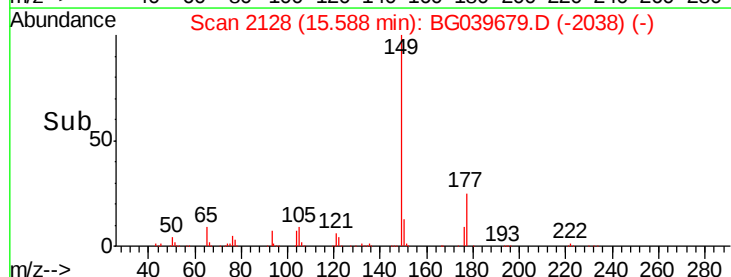
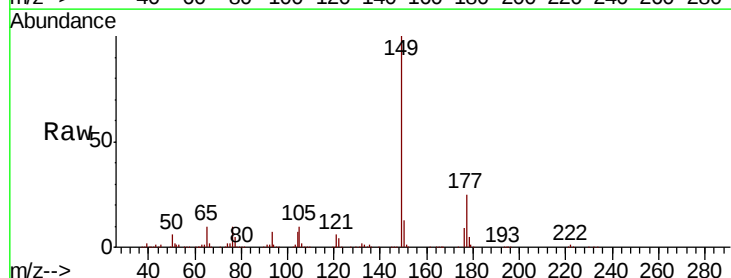
Manual Integrations
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#60
 Diethylphthalate
 Concen: 44.414 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	557922		
177	25.0		18.3	27.5
150	13.5		10.2	15.2





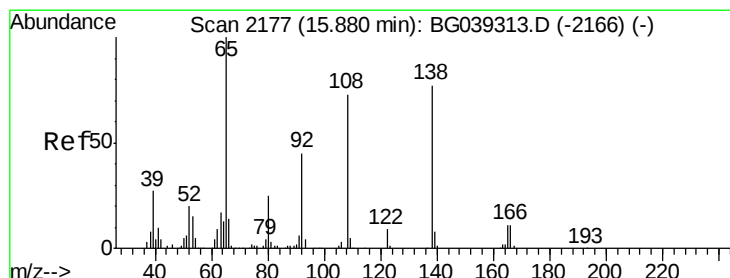
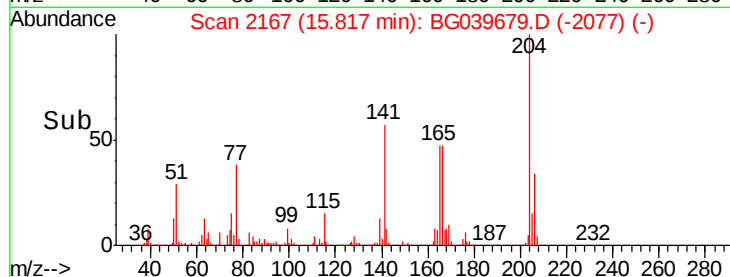
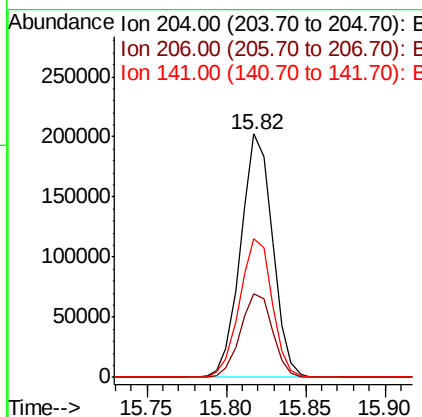
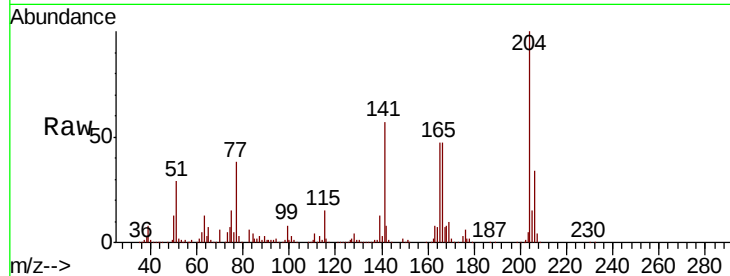
#61
4-Chlorophenyl-phenylether
Concen: 45.207 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	29.2	43.8
141	57.2	49.0	73.4

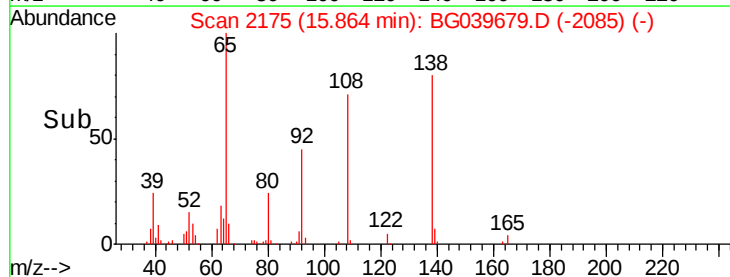
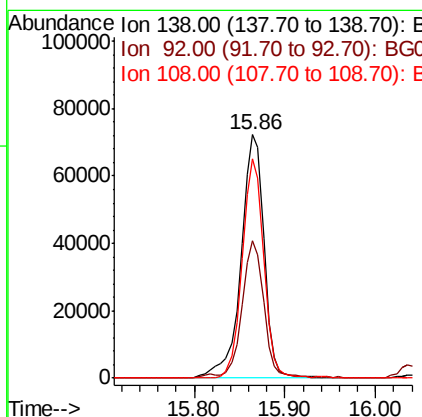
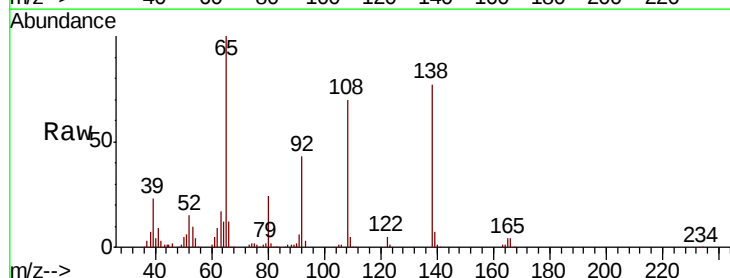
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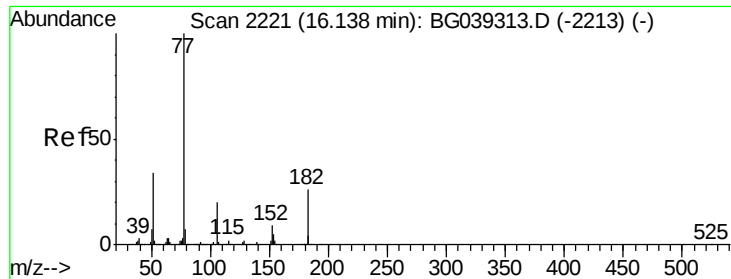
Sohil
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#62
4-Nitroaniline
Concen: 49.886 ng
RT: 15.86 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.3	38.7	78.7
108	90.2	74.6	114.6





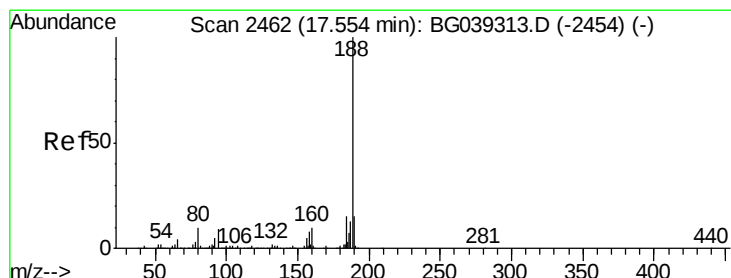
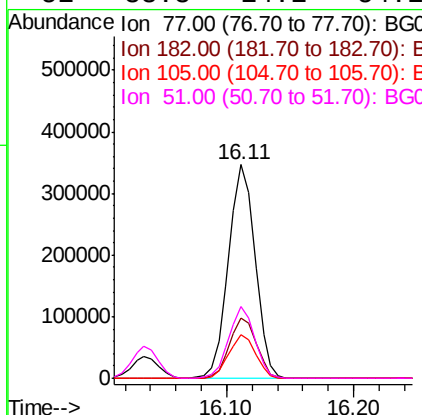
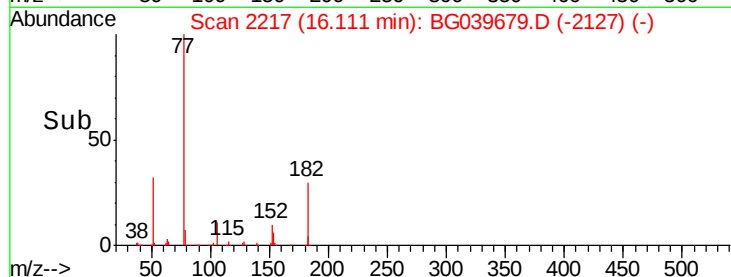
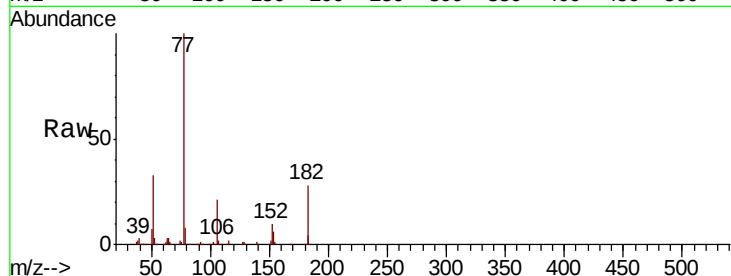
#63
Azobenzene
Concen: 40.962 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.4	46.4
105	20.7	0.0	39.8
51	33.3	14.1	54.1

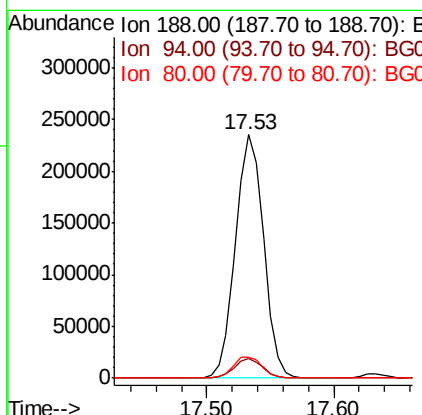
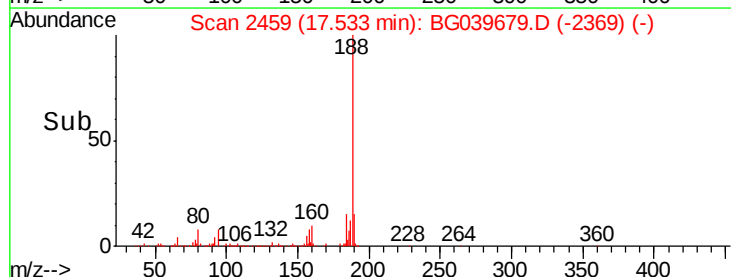
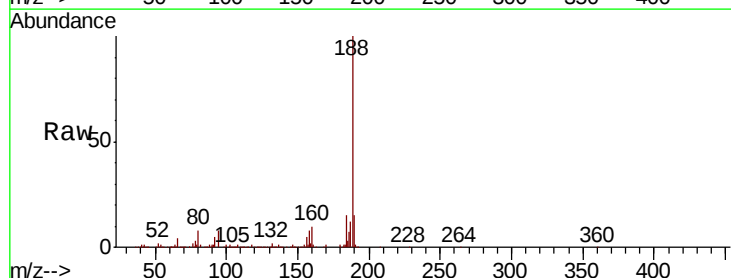
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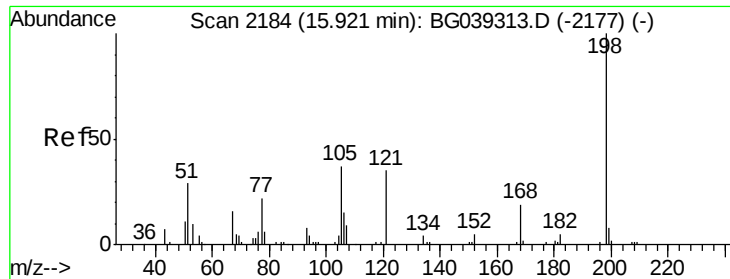
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.4	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 27.548 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

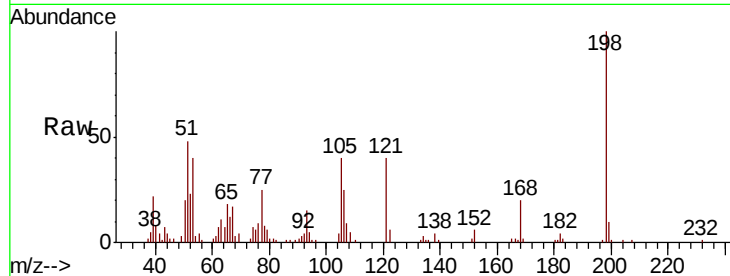
ClientSampleId :

BU-03-022719MS

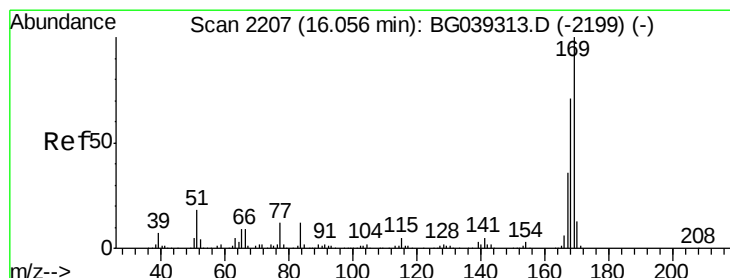
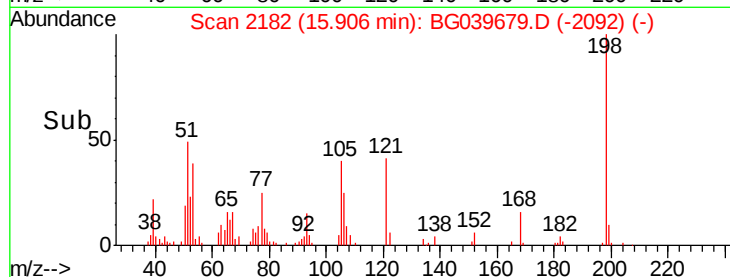
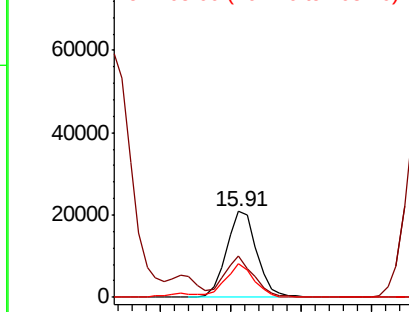
Tot Ion:	198	Resp:	31459
Ion Ratio	Lower	Upper	
198	100		
51	48.1	27.4	67.4
105	39.6	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 43.984 ng

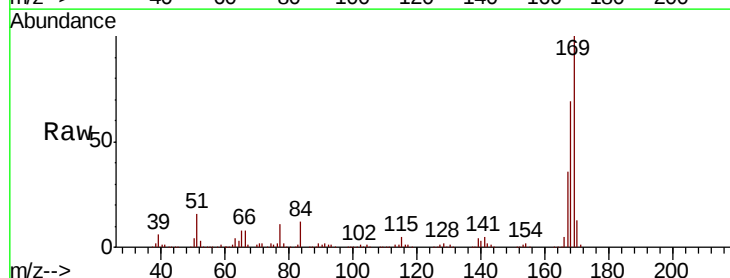
RT: 16.03 min Scan# 2204

Delta R.T. -0.00 min

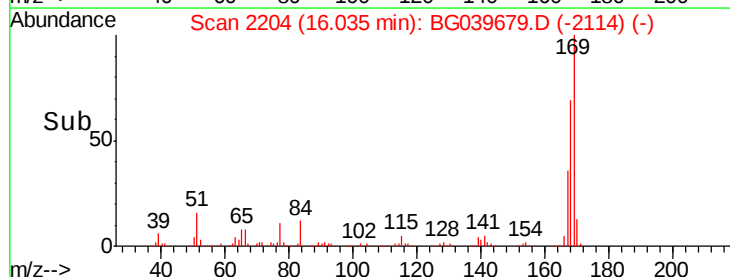
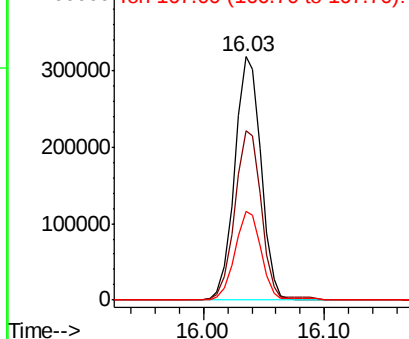
Lab File: BG039679.D

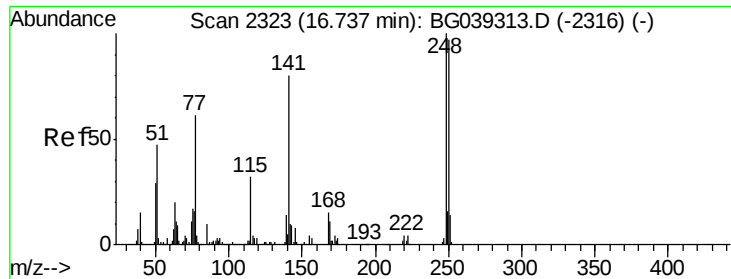
Acq: 1 Mar 2019 4:15

Tgt Ion:	169	Resp:	481731
Ion Ratio	Lower	Upper	
169	100		
168	69.4	56.6	85.0
167	36.4	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





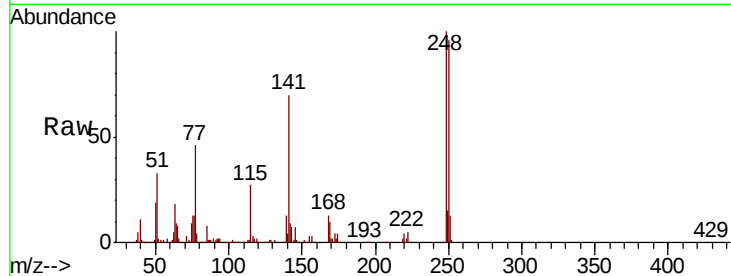
#67
4-Bromophenyl-phenylether
Concen: 45.857 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.6	116.4
141	70.1	63.9	95.9

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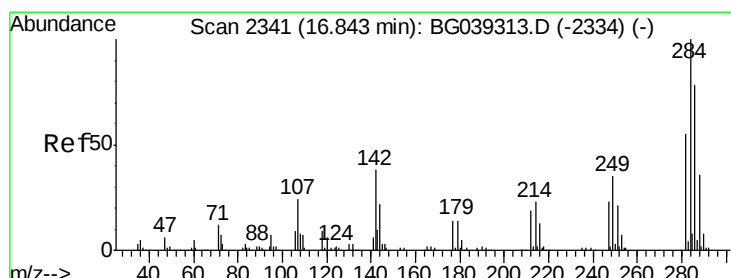
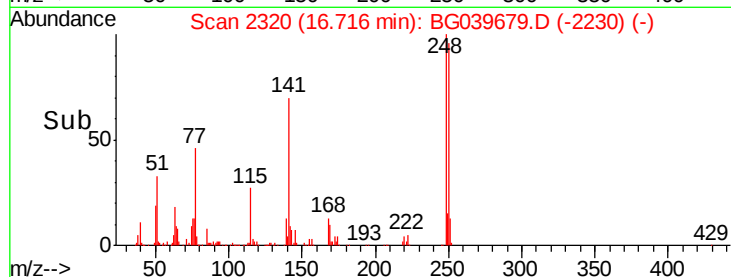
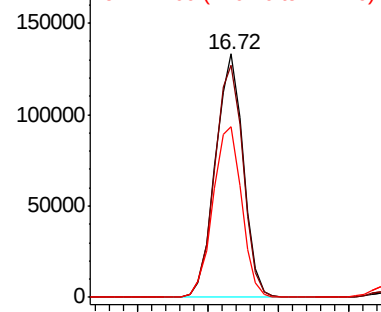


Abundance

Ion 248.00 (247.70 to 248.70): E

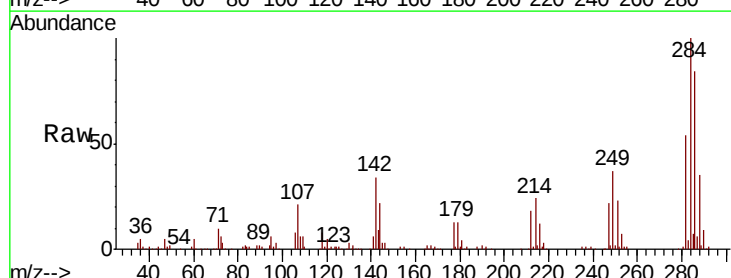
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.829 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	30.6	45.8
249	36.6	28.2	42.2

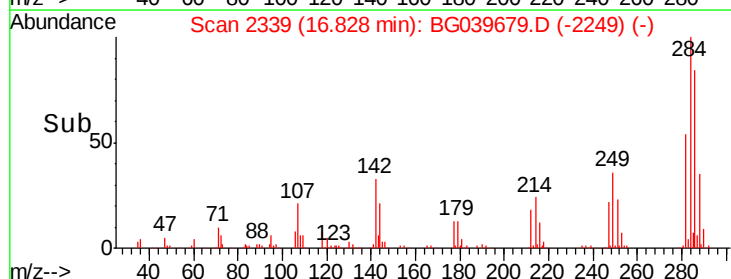
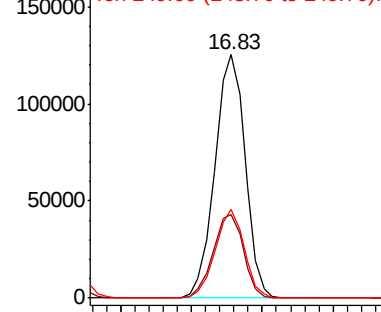


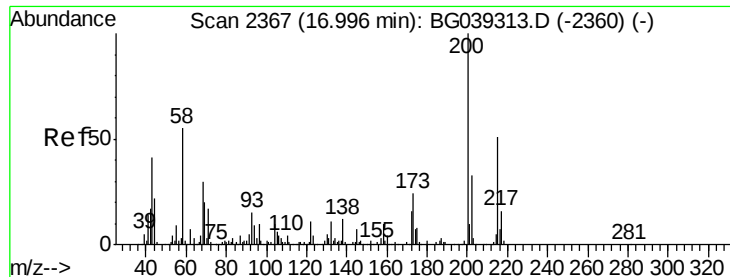
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





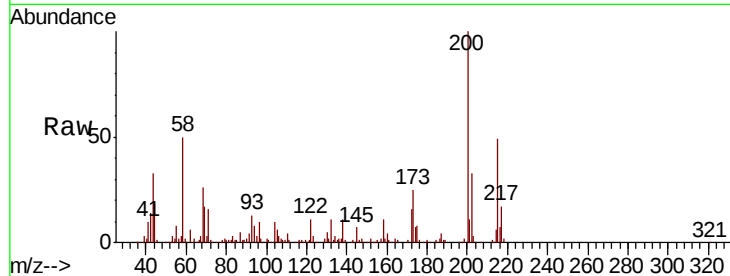
#69
Atrazine
Concen: 43.981 ng
RT: 16.97 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

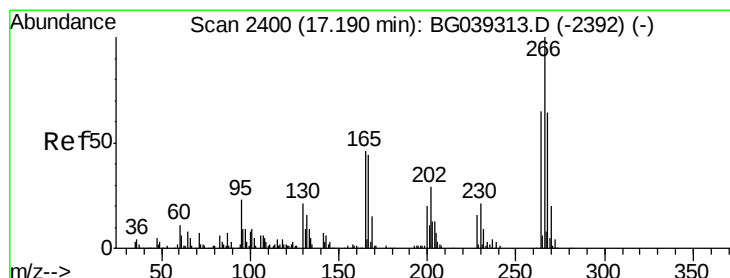
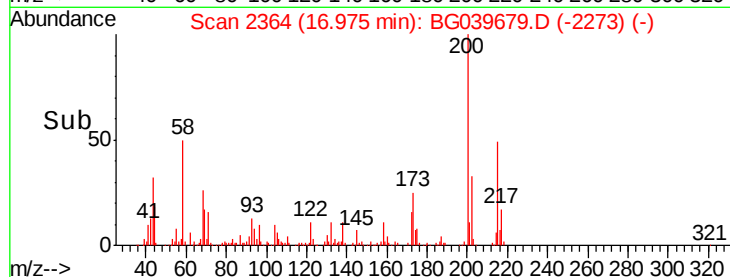
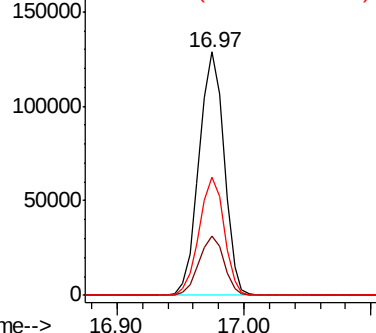
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	3.9	43.9
215	48.7	30.9	70.9

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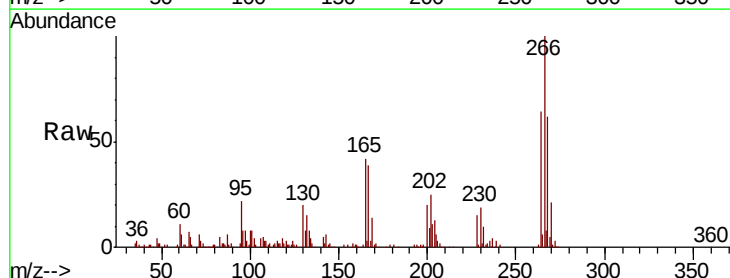


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

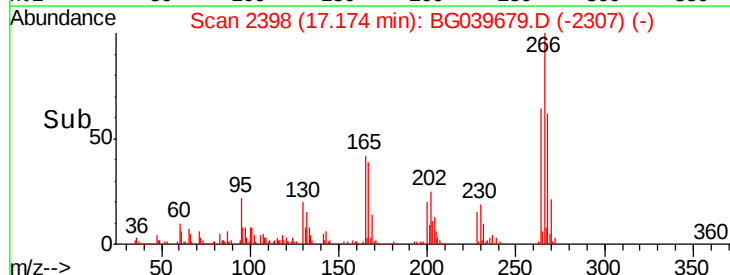
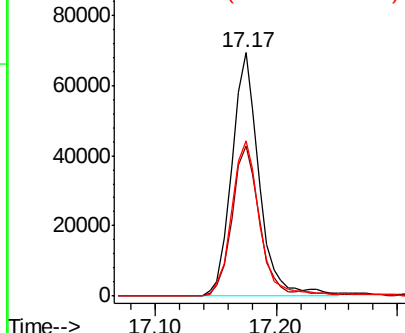


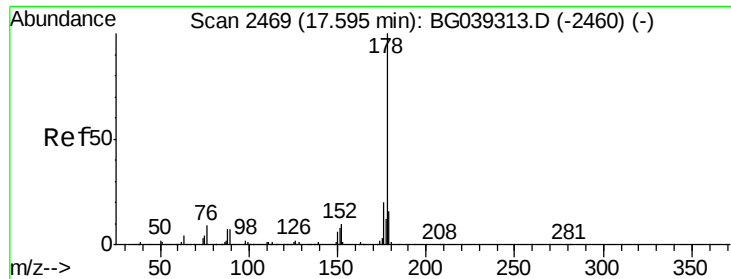
#70
Pentachlorophenol
Concen: 39.246 ng
RT: 17.17 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	63.7	52.1	78.1



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





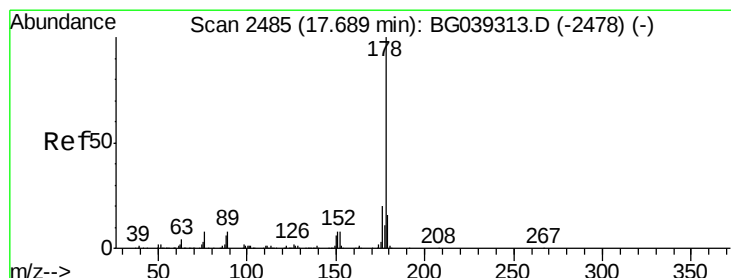
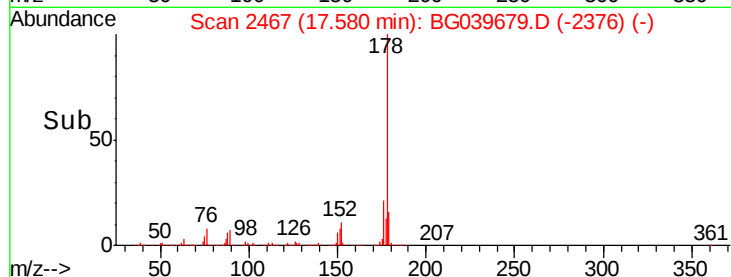
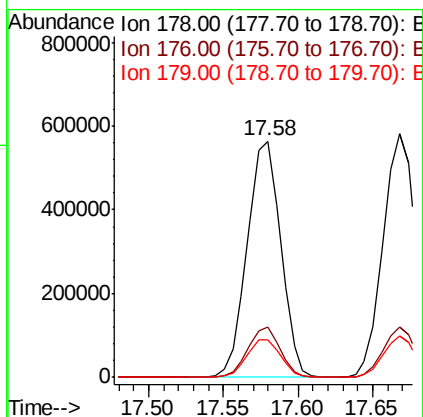
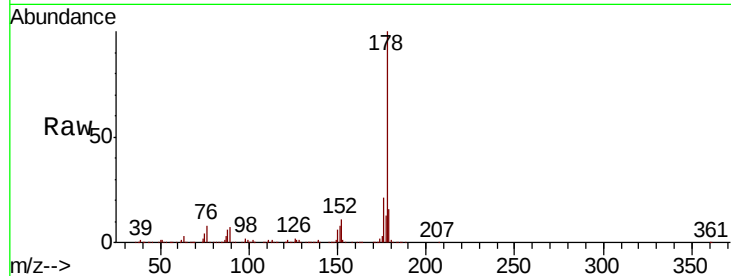
#71
Phenanthrene
Concen: 47.085 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	16.1	12.6	19.0

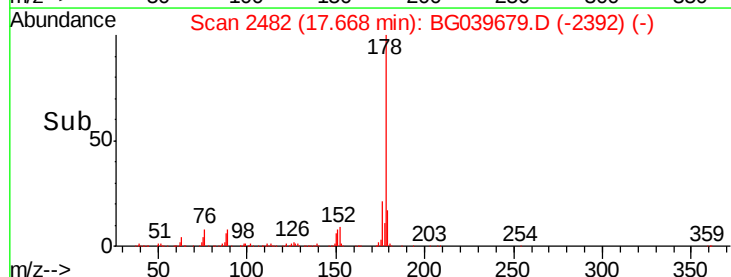
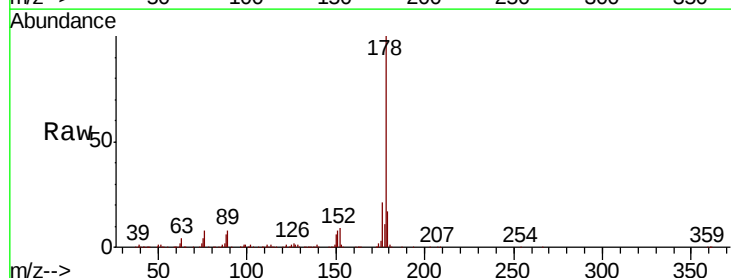
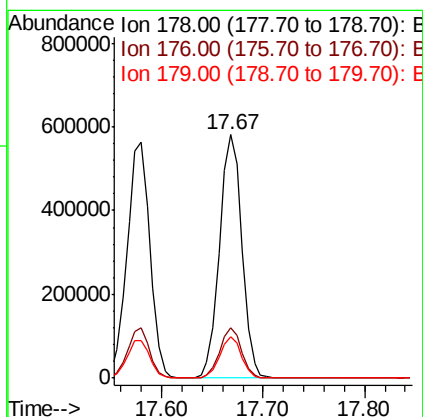
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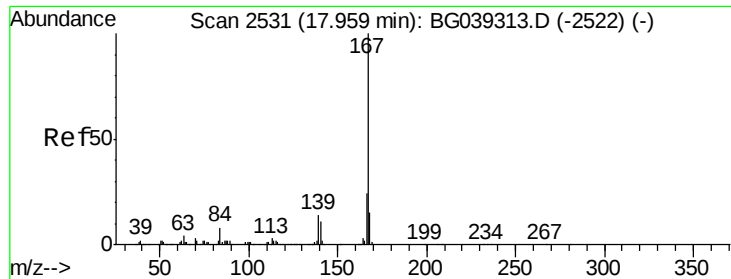
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#72
Anthracene
Concen: 48.496 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	16.8	12.5	18.7





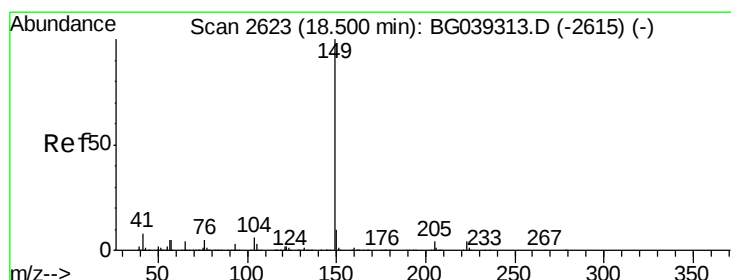
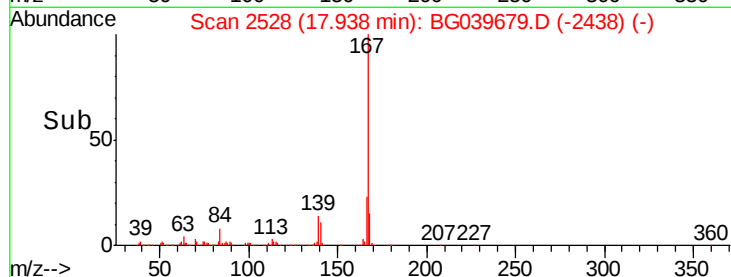
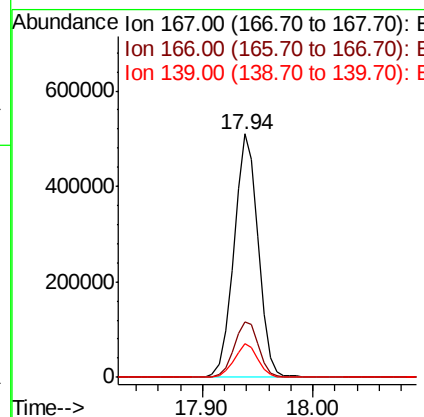
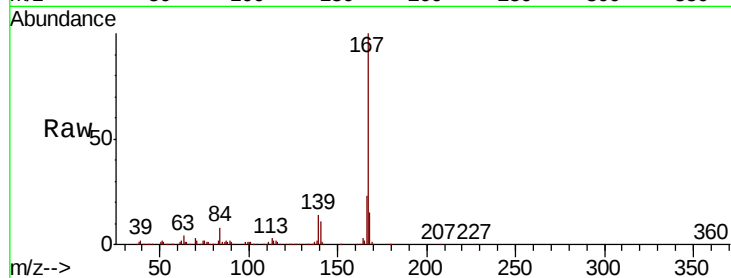
#73
 Carbazole
 Concen: 42.676 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.4	29.2
139	14.0	10.8	16.2

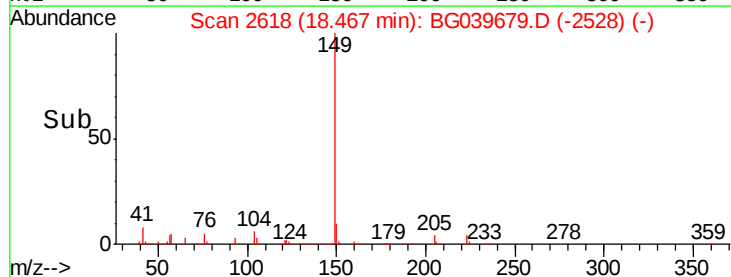
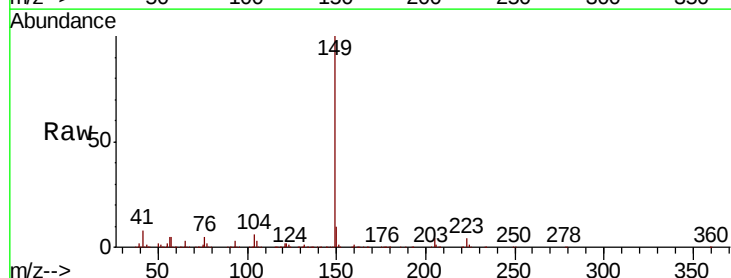
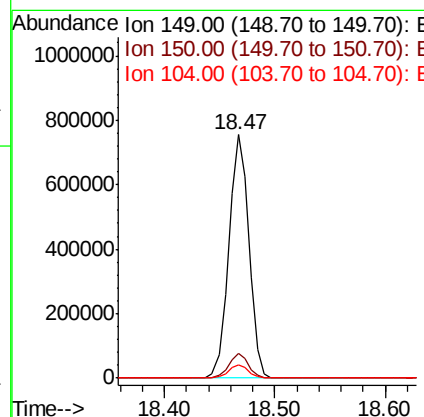
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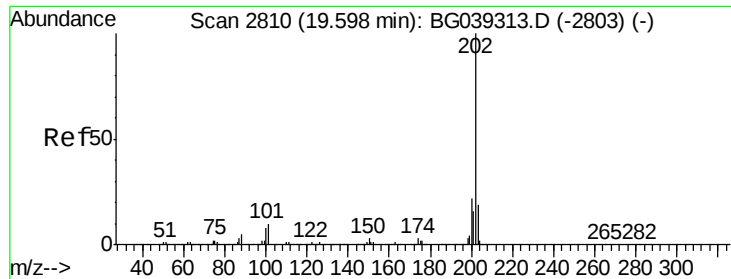
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#74
 Di-n-butylphthalate
 Concen: 45.030 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 48.550 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

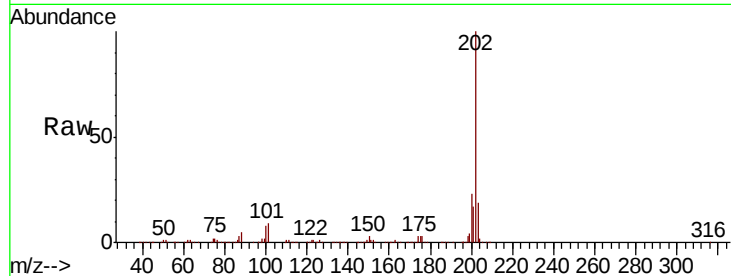
ClientSampleId :

BU-03-022719MS

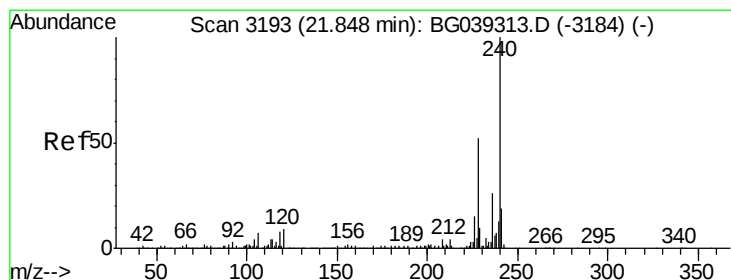
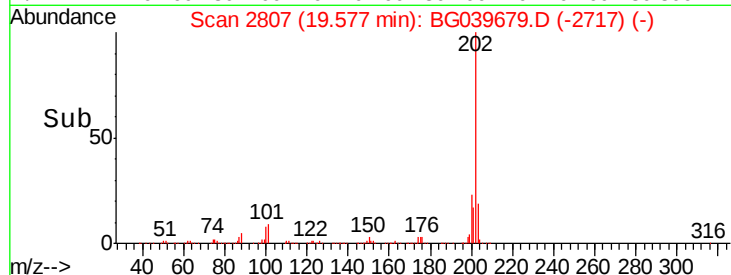
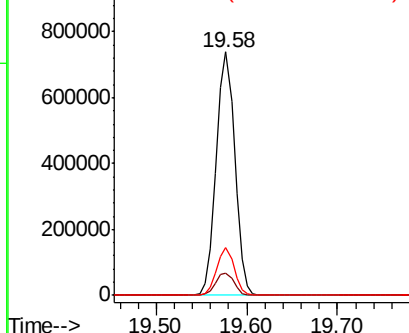
Tot Ion:	202	Resp:	1050547
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.0
203	19.4	0.0	38.9

Manual Integrations
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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

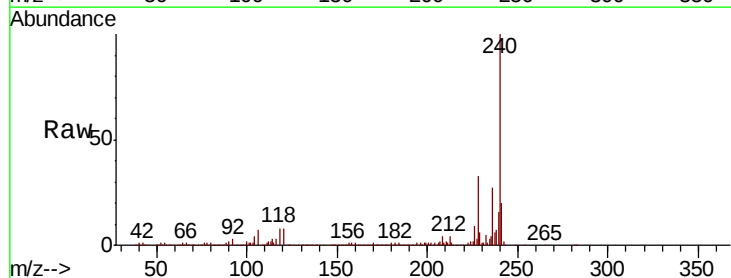
RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

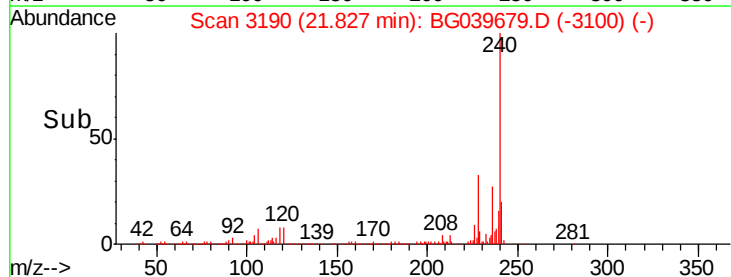
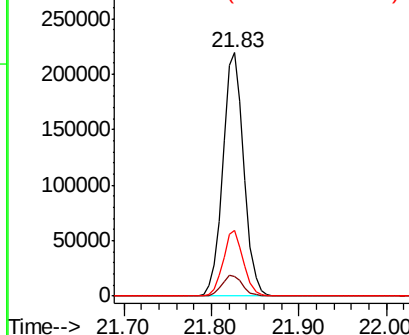
Lab File: BG039679.D

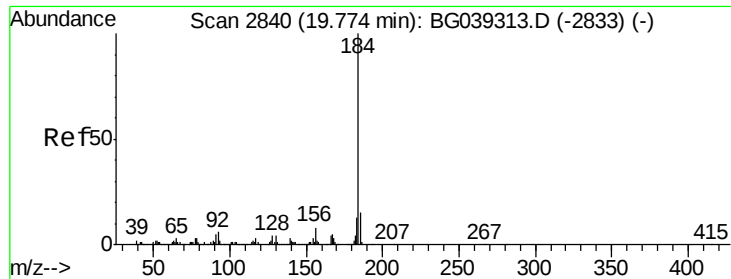
Acq: 1 Mar 2019 4:15

Tgt Ion:	240	Resp:	361989
Ion Ratio	Lower	Upper	
240	100		
120	7.9	7.0	10.6
236	27.1	21.0	31.4



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





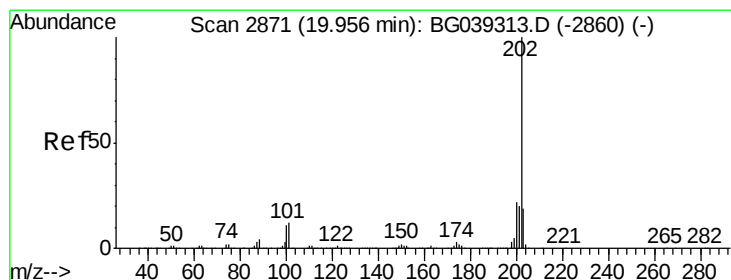
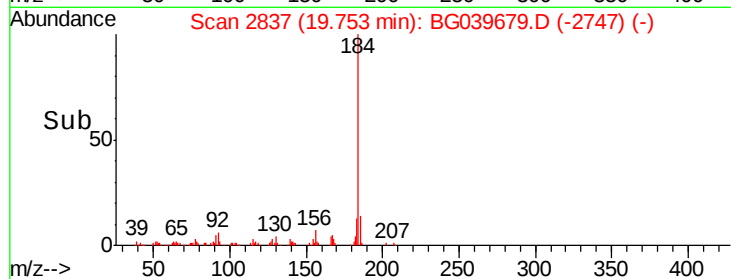
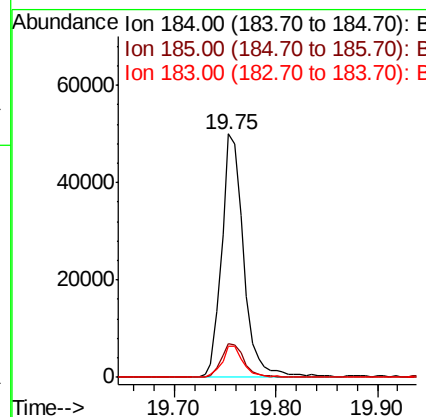
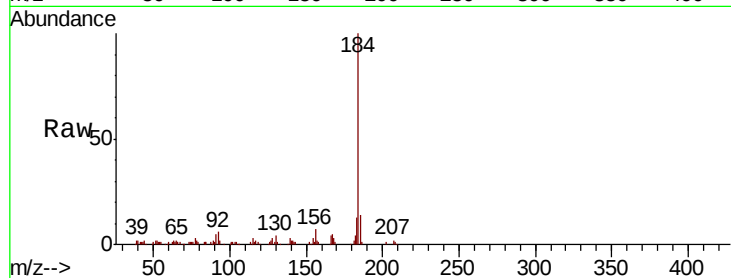
#77
Benzidine
Concen: 6.388 ng
RT: 19.75 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.2	18.2
183	12.7	10.6	15.8

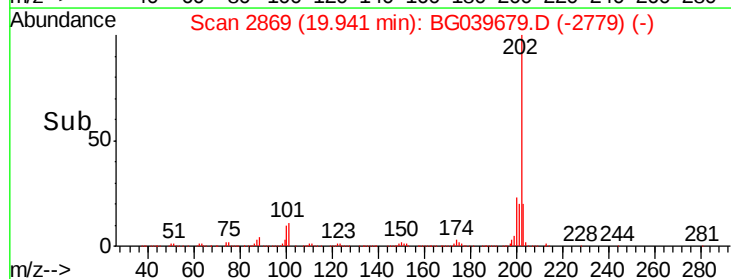
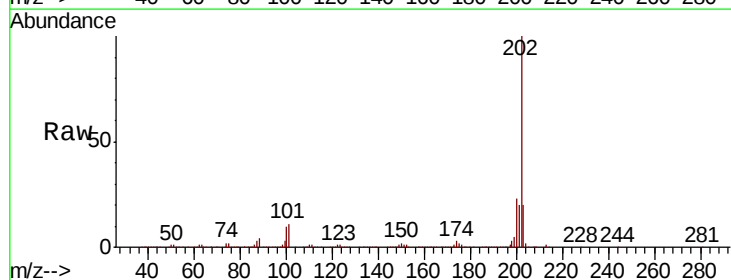
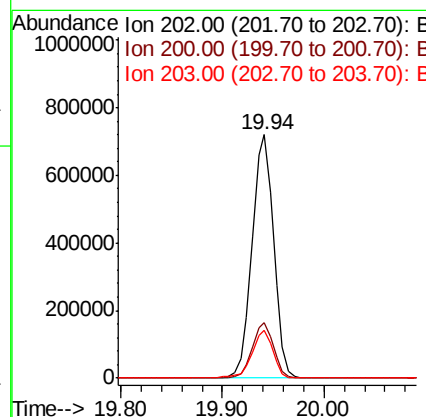
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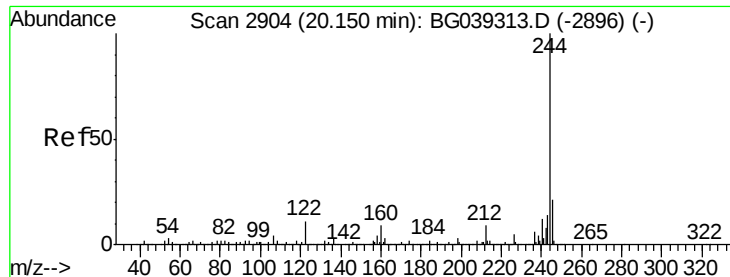
Sohil
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#78
Pyrene
Concen: 47.218 ng
RT: 19.94 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.8
203	19.5	15.3	22.9





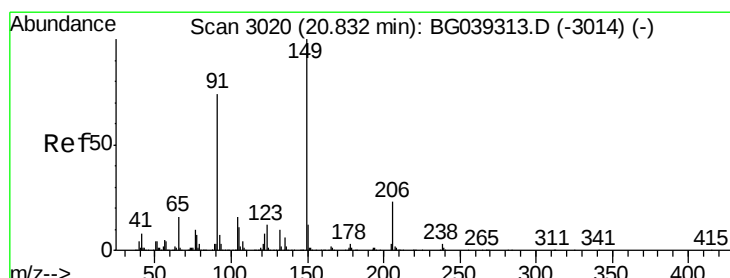
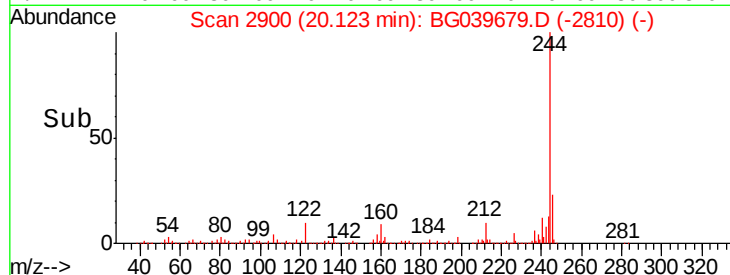
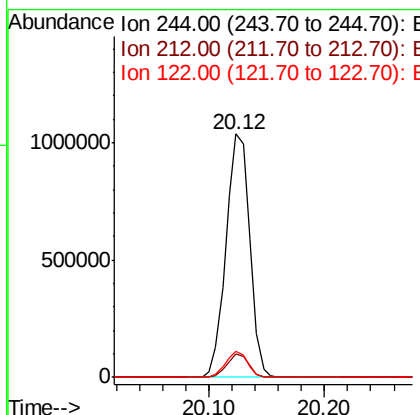
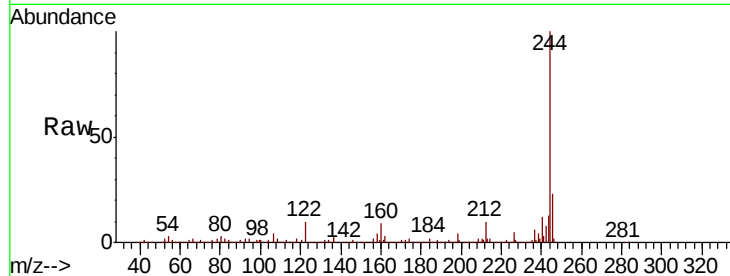
#79
 Terphenyl-d14
 Concen: 86.091 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.4	8.4	12.6

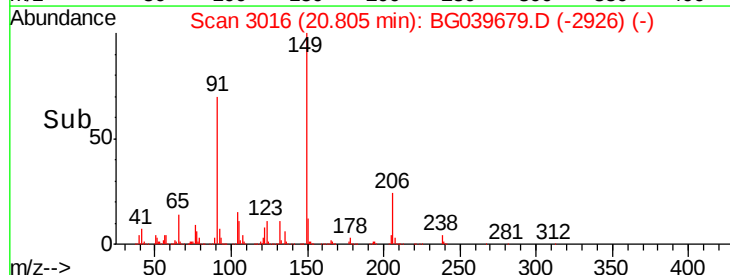
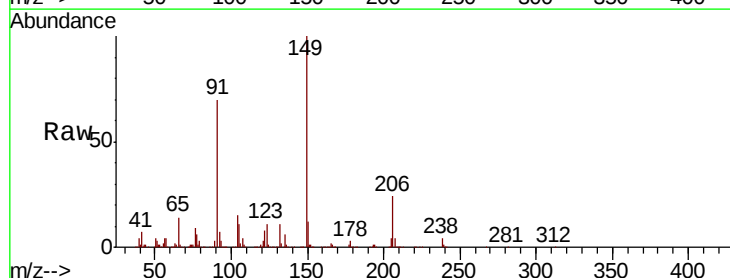
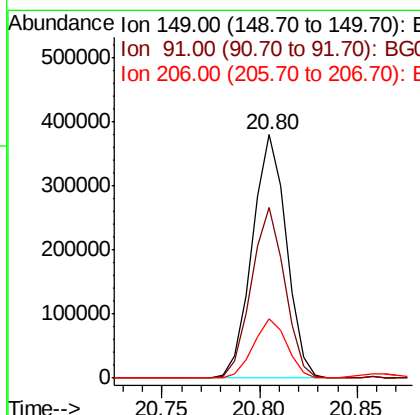
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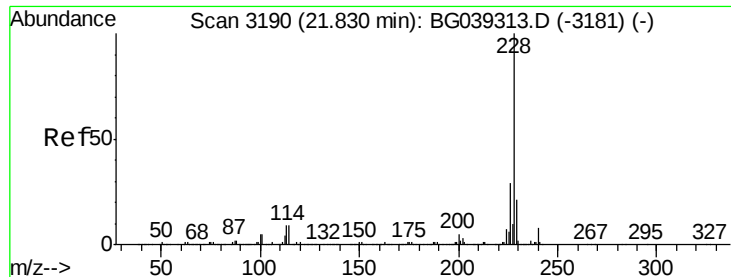
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#80
 Butylbenzylphthalate
 Concen: 48.401 ng
 RT: 20.80 min Scan# 3016
 Delta R.T. -0.00 min
 Lab File: BG039679.D
 Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.1	59.5	89.3
206	24.3	18.6	27.8





#81

Benzo(a)anthracene

Concen: 49.182 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

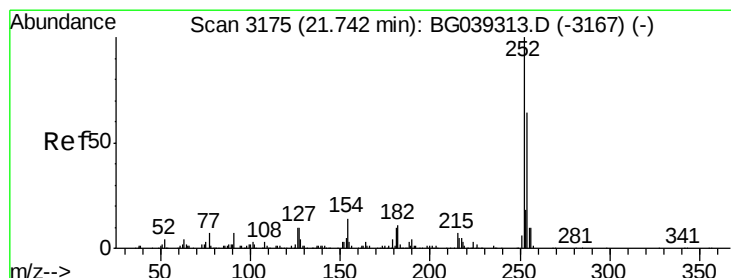
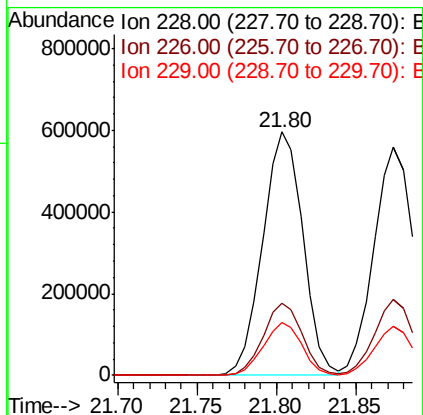
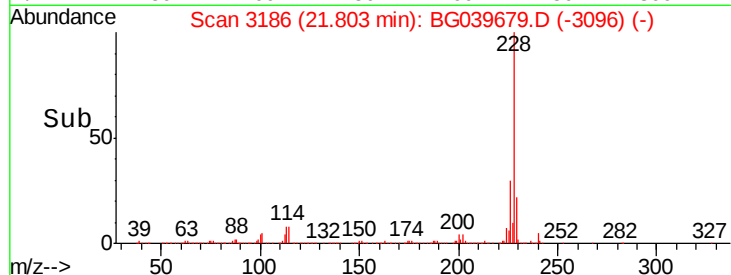
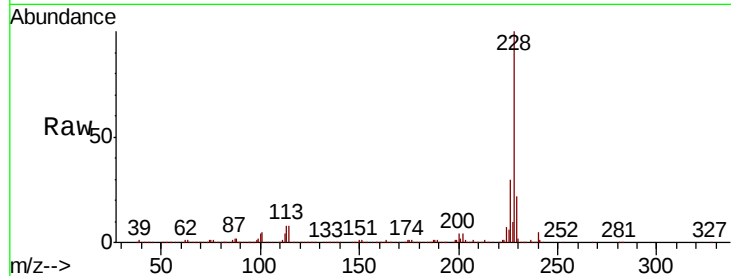
ClientSampleId :

BU-03-022719MS

Tot Ion:	228	Resp:	1051994
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.6
229	22.0	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 12.136 ng

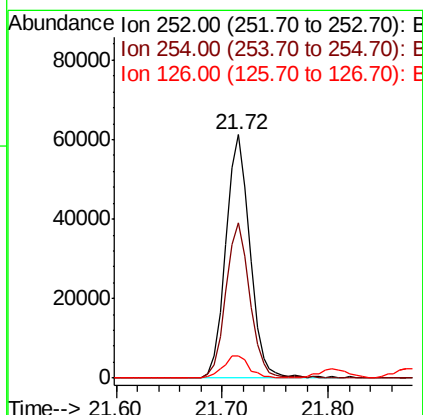
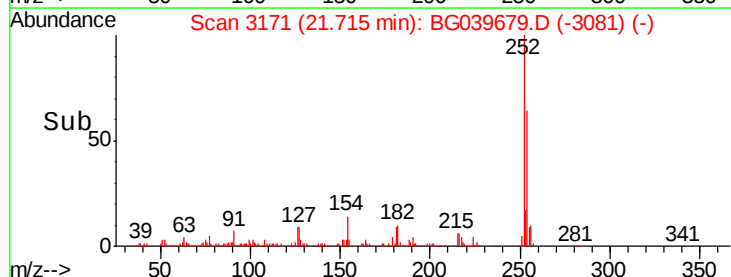
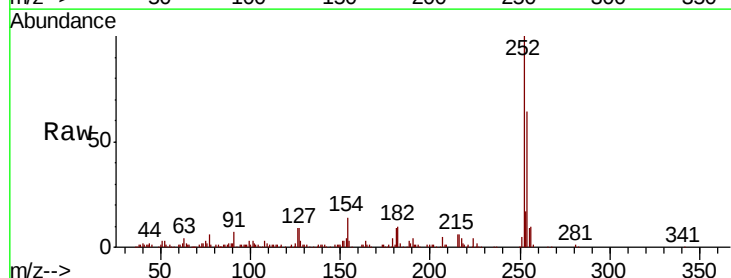
RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion:	252	Resp:	96255
Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.3	76.9
126	9.0	8.0	12.0





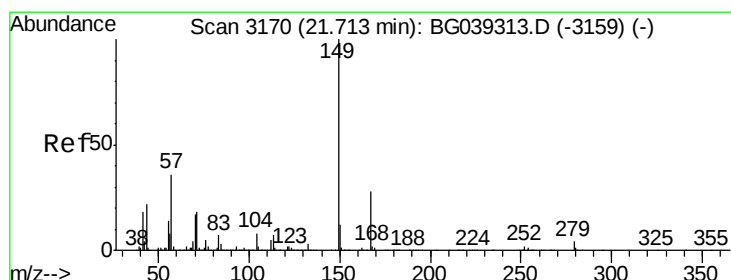
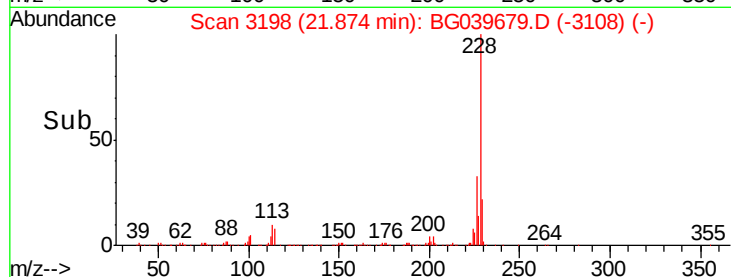
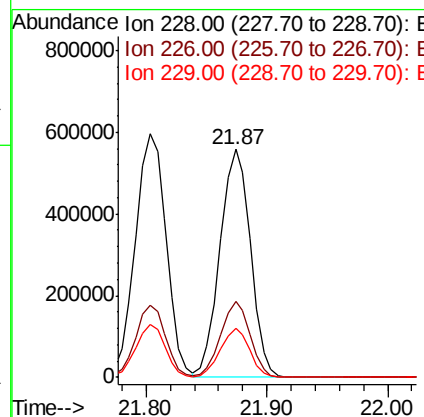
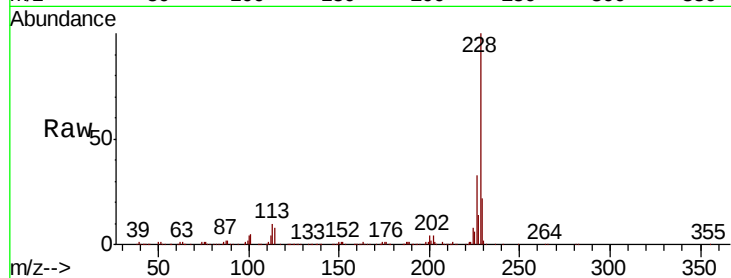
#83
Chrysene
Concen: 47.838 ng
RT: 21.87 min Scan# 3198
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.8	38.6
229	21.6	16.6	25.0

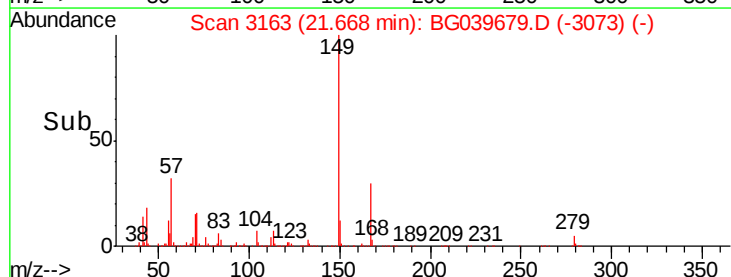
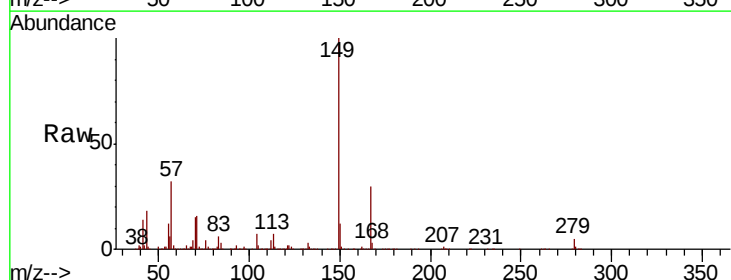
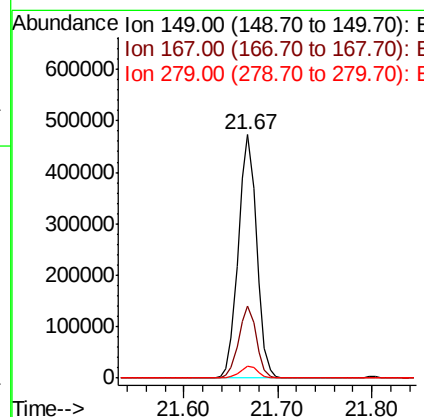
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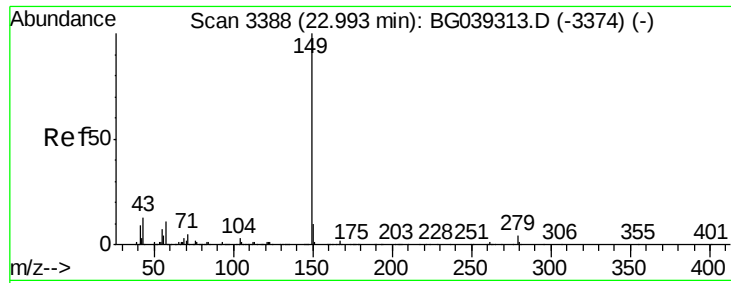
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.168 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.6	34.0
279	5.0	3.5	5.3





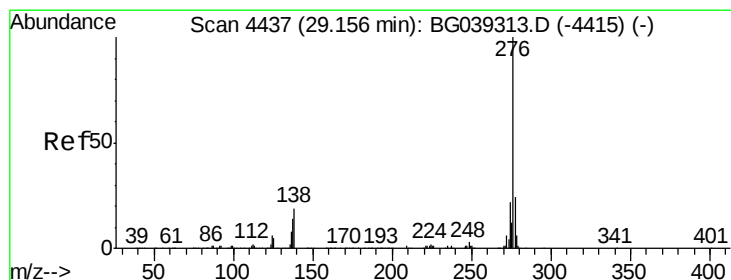
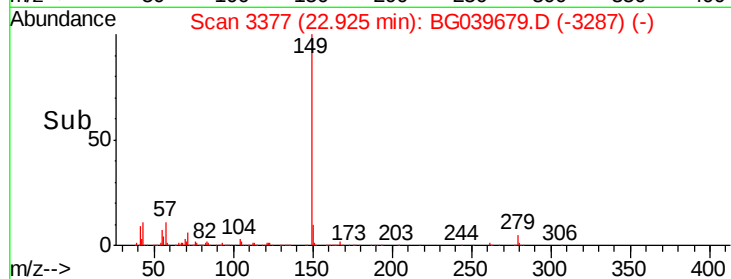
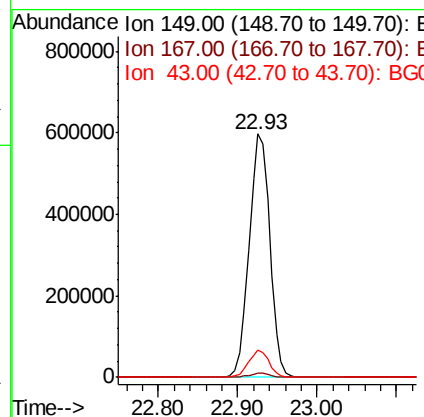
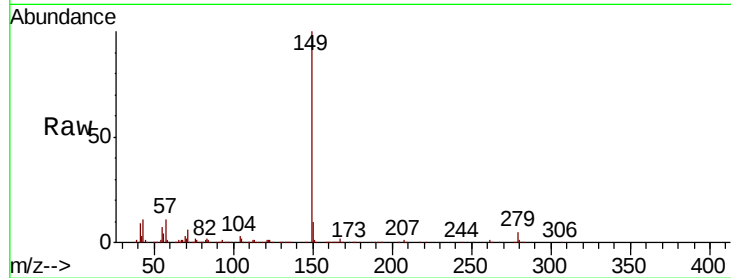
#85
Di-n-octyl phthalate
Concen: 48.306 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.9	10.2	15.4

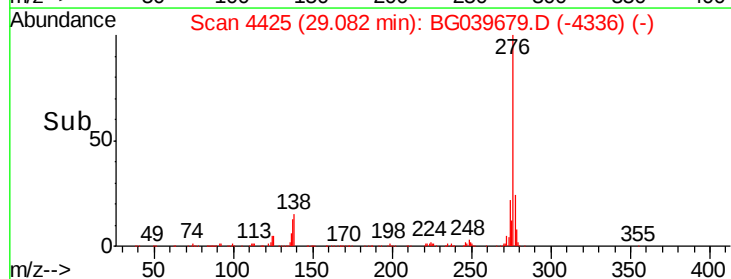
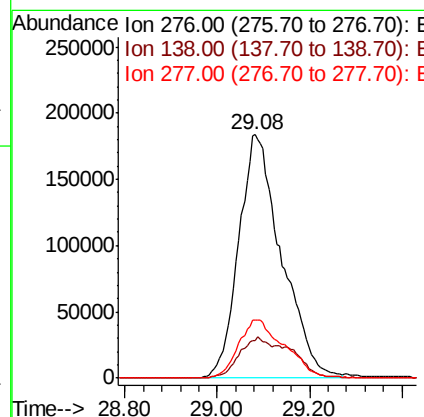
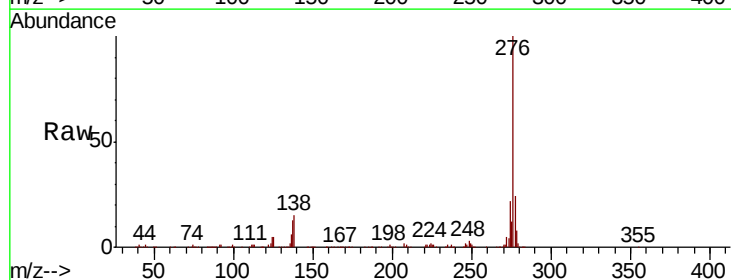
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#86
Indeno(1,2,3-cd)pyrene
Concen: 54.150 ng
RT: 29.08 min Scan# 4425
Delta R.T. -0.01 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.6	12.6	19.0#
277	25.8	20.8	31.2





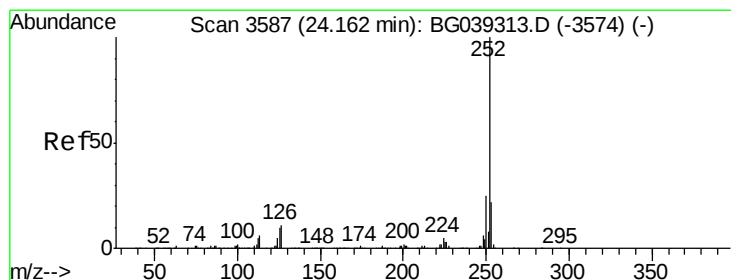
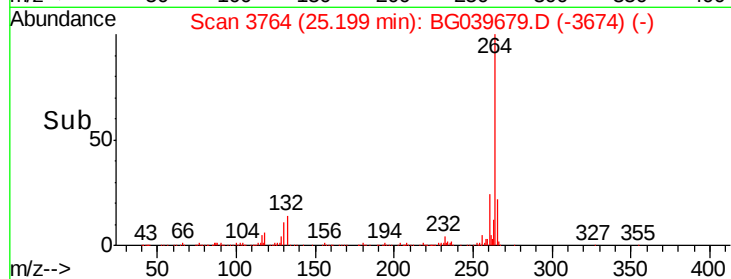
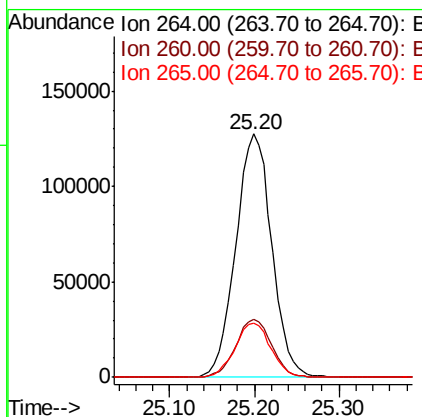
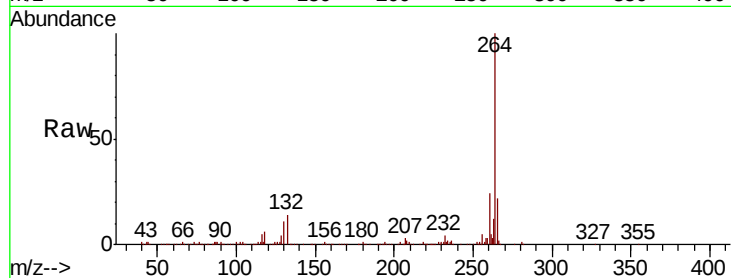
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.4	18.5	27.7

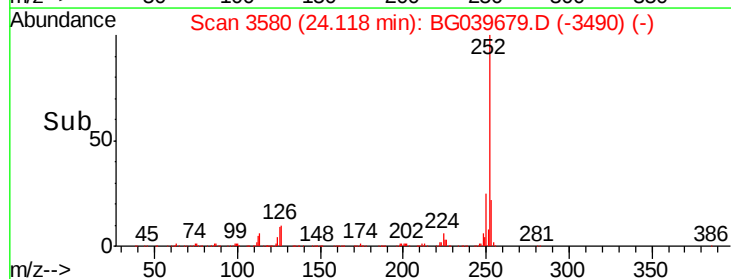
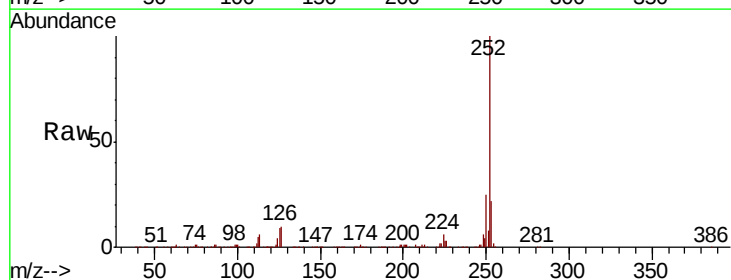
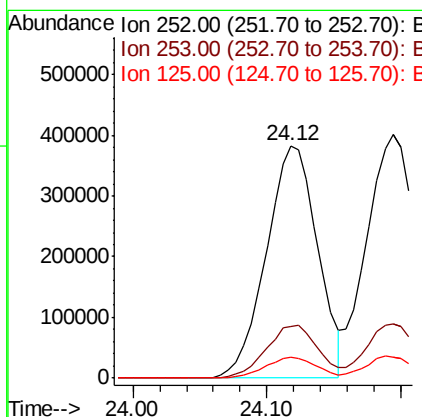
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#88
Benzo(b)fluoranthene
Concen: 49.712 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.00 min
Lab File: BG039679.D
Acq: 1 Mar 2019 4:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.2	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 49.180 ng

RT: 24.19 min Scan# 3593

Delta R.T. 0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

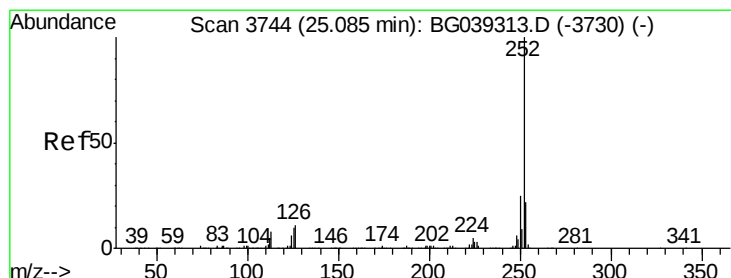
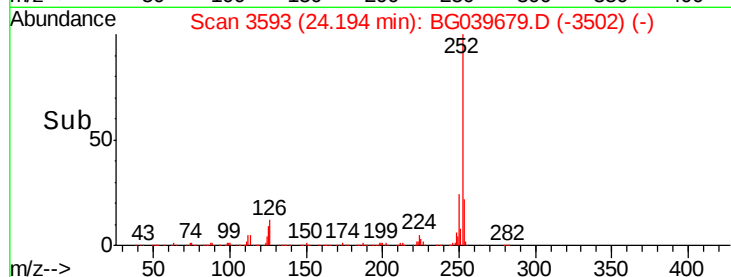
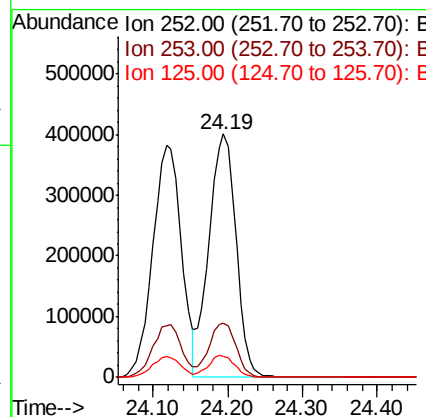
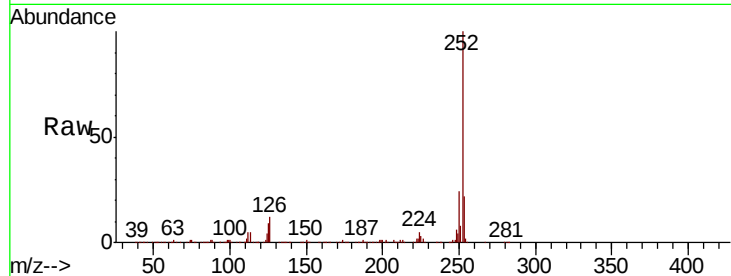
ClientSampleId :

BU-03-022719MS

Tot Ion:	252	Resp:	1012287
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.8	7.4	11.2

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#90

Benzo(a)pyrene

Concen: 50.940 ng

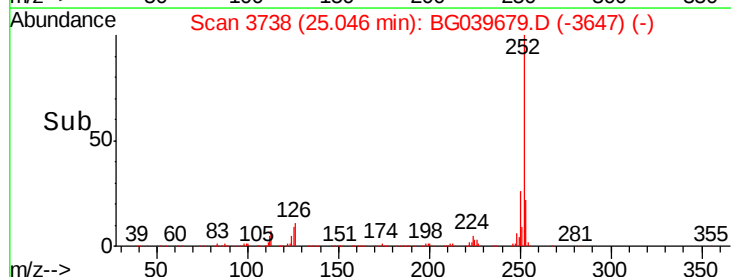
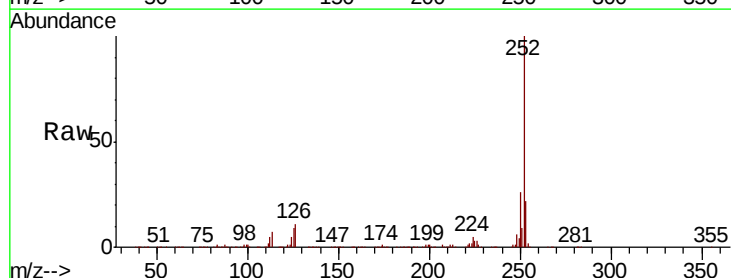
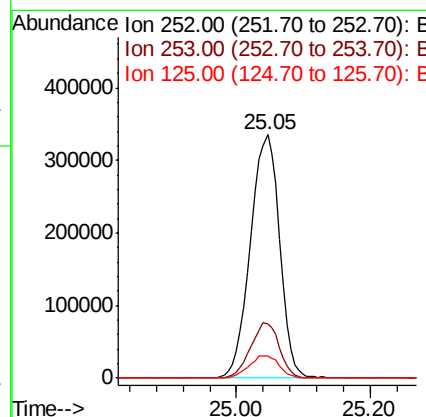
RT: 25.05 min Scan# 3738

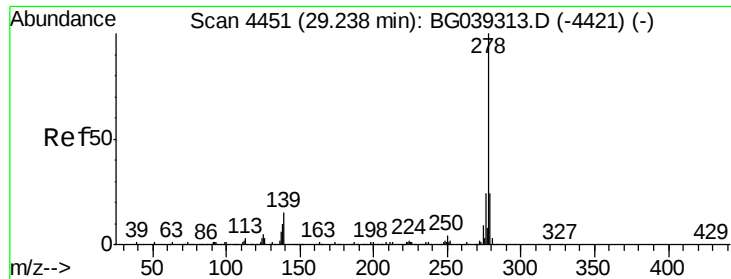
Delta R.T. 0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion:	252	Resp:	1005807
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.3	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 51.961 ng

RT: 29.16 min Scan# 4438

Delta R.T. 0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Instrument :

BNA_G

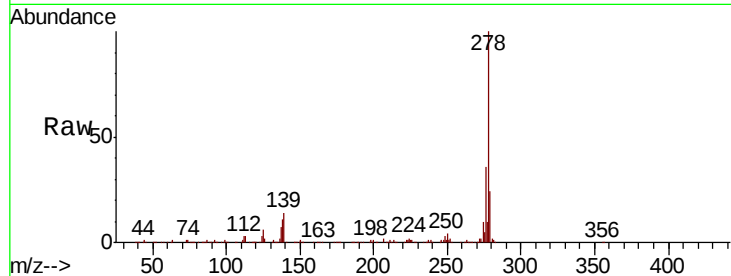
ClientSampleId :

BU-03-022719MS

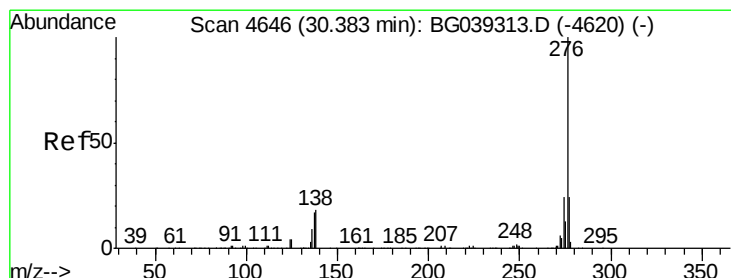
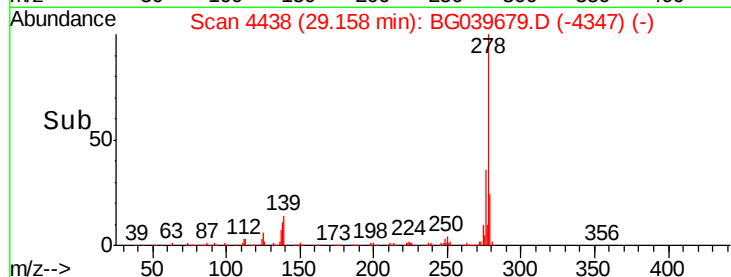
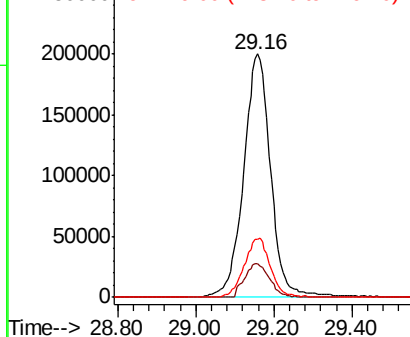
Tot Ion:	278	Resp:	960815
Ion Ratio	Lower	Upper	
278	100		
139	13.9	11.7	17.5
279	23.7	19.1	28.7

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



#92

Benzo(g,h,i)perylene

Concen: 52.427 ng

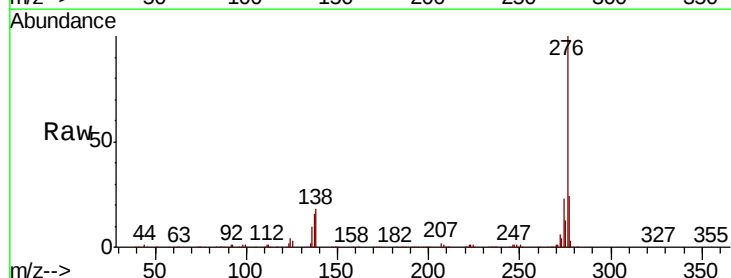
RT: 30.32 min Scan# 4635

Delta R.T. 0.00 min

Lab File: BG039679.D

Acq: 1 Mar 2019 4:15

Tgt Ion:	276	Resp:	966249
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.6	29.4
138	17.5	14.7	22.1



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

