

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
 Data File : BG039317.D
 Acq On : 29 Jan 2019 15:04
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG012919

Manual Integrations
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mohammad
 1/30/2019 11:09:36 AM

Quant Time: Jan 29 16:02:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	45526	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	201403	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	134598	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	323526	20.00	ng	0.00
76) Chrysene-d12	21.85	240	317926	20.00	ng	0.00
87) Perylene-d12	25.24	264	323656	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	214478	80.63	ng	0.00
7) Phenol-d6	7.32	99	318620	81.38	ng	0.00
23) Nitrobenzene-d5	9.36	82	277139	85.96	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	119672	82.57	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	709905	75.66	ng	0.00
79) Terphenyl-d14	20.15	244	1122009	74.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	46632	40.078	ng	99
3) Pyridine	4.02	79	132589	43.040	ng	98
4) n-Nitrosodimethylamine	3.93	42	60512	39.277	ng	98
6) Aniline	7.51	93	195304	39.822	ng	99
8) 2-Chlorophenol	7.74	128	114137	39.254	ng	95
9) Benzaldehyde	7.32	77	81491	42.382	ng	97
10) Phenol	7.34	94	164624	40.334	ng	97
11) bis(2-Chloroethyl)ether	7.60	93	128745	39.919	ng	97
12) 1,3-Dichlorobenzene	8.07	146	135896	38.581	ng	99
13) 1,4-Dichlorobenzene	8.22	146	141453	40.291	ng	97
14) 1,2-Dichlorobenzene	8.54	146	133198	39.191	ng	99
15) Benzyl Alcohol	8.42	79	124400	40.469	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.71	45	282663	38.810	ng	99
17) 2-Methylphenol	8.61	107	105888	40.090	ng	94
18) Hexachloroethane	9.27	117	49114	40.662	ng	94
19) n-Nitroso-di-n-propylamine	8.99	70	111472	40.112	ng	95
20) 3+4-Methylphenols	8.94	107	148920	40.944	ng	97
22) Acetophenone	9.02	105	208160	38.477	ng	# 98
24) Nitrobenzene	9.40	77	148622	42.672	ng	99
25) Isophorone	9.93	82	276966	38.768	ng	98
26) 2-Nitrophenol	10.11	139	59004	44.474	ng	92
27) 2,4-Dimethylphenol	10.15	122	114532	39.630	ng	95
28) bis(2-Chloroethoxy)methane	10.40	93	173699	39.473	ng	96
29) 2,4-Dichlorophenol	10.64	162	127606	40.400	ng	94
30) 1,2,4-Trichlorobenzene	10.86	180	141830	39.996	ng	96
31) Naphthalene	11.06	128	386089	38.642	ng	100
32) Benzoic acid	10.27	122	75728	41.517	ng	98
33) 4-Chloroaniline	11.17	127	178765	38.587	ng	99
34) Hexachlorobutadiene	11.32	225	90480	38.367	ng	92
35) Caprolactam	11.96	113	54595	41.770	ng	97
36) 4-Chloro-3-methylphenol	12.26	107	148033	40.525	ng	99
37) 2-Methylnaphthalene	12.65	142	284168	38.400	ng	96
38) 1-Methylnaphthalene	12.87	142	274449m	38.473	ng	
40) 1,2,4,5-Tetrachlorobenzene	13.01	216	166506	38.880	ng	100

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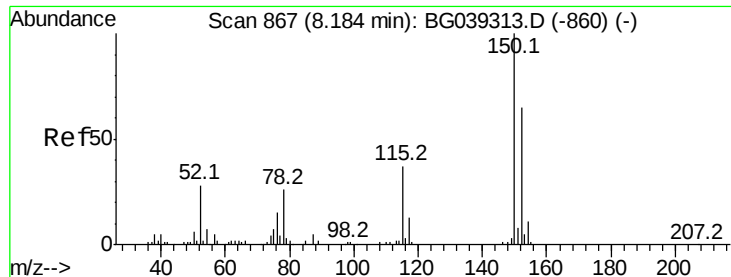
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	91506	39.212	nq	99
43) 2,4,6-Trichlorophenol	13.24	196	109171	41.461	nq	94
44) 2,4,5-Trichlorophenol	13.31	196	114351	41.436	nq	95
46) 1,1'-Biphenyl	13.65	154	422374	37.716	nq	98
47) 2-Chloronaphthalene	13.69	162	323680	38.420	nq	99
48) 2-Nitroaniline	13.90	65	99535	42.316	nq	97
49) Acenaphthylene	14.54	152	492909	38.775	nq	99
50) Dimethylphthalate	14.26	163	424562	39.056	nq	99
51) 2,6-Dinitrotoluene	14.39	165	83290	41.953	nq	94
52) Acenaphthene	14.87	154	325697	39.470	nq	98
53) 3-Nitroaniline	14.71	138	90672	42.162	nq	99
54) 2,4-Dinitrophenol	14.91	184	31844	45.263	nq	98
55) Dibenzofuran	15.21	168	507617	38.368	nq	99
56) 4-Nitrophenol	15.00	139	78060	42.632	nq	90
57) 2,4-Dinitrotoluene	15.17	165	109697	43.105	nq	# 90
58) Fluorene	15.85	166	377195	38.245	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.42	232	113951	44.099	nq	98
60) Diethylphthalate	15.61	149	432815	38.508	nq	99
61) 4-Chlorophenyl-phenylether	15.84	204	213757	38.277	nq	98
62) 4-Nitroaniline	15.88	138	93308	41.551	nq	97
63) Azobenzene	16.14	77	418563	38.101	nq	99
65) 4,6-Dinitro-2-methylphenol	15.92	198	56076	45.118	nq	95
66) n-Nitrosodiphenylamine	16.05	169	375393	38.160	nq	99
67) 4-Bromophenyl-phenylether	16.74	248	137854	38.408	nq	99
68) Hexachlorobenzene	16.85	284	140446	39.002	nq	98
69) Atrazine	17.00	200	139493	38.802	nq	96
70) Pentachlorophenol	17.19	266	106183	42.426	nq	98
71) Phenanthrene	17.60	178	635560	37.956	nq	100
72) Anthracene	17.69	178	626030	37.956	nq	99
73) Carbazole	17.96	167	623540	37.881	nq	99
74) Di-n-butylphthalate	18.50	149	731327	38.084	nq	100
75) Fluoranthene	19.60	202	718989	36.994	nq	98
77) Benzidine	19.77	184	454992	43.651	nq	97
78) Pyrene	19.96	202	746835	37.735	nq	99
80) Butylbenzylphthalate	20.84	149	327723	39.253	nq	98
81) Benzo(a)anthracene	21.83	228	713697	37.991	nq	99
82) 3,3'-Dichlorobenzidine	21.74	252	268057	38.482	nq	98
83) Chrysene	21.90	228	676635	37.836	nq	99
84) Bis(2-ethylhexyl)phthalate	21.71	149	456021	38.286	nq	99
85) Di-n-octyl phthalate	22.99	149	751685	38.199	nq	100
86) Indeno(1,2,3-cd)pyrene	29.16	276	747602	38.964	nq	99
88) Benzo(b)fluoranthene	24.15	252	672818	38.118	nq	99
89) Benzo(k)fluoranthene	24.23	252	678367	38.280	nq	99
90) Benzo(a)pyrene	25.08	252	650794	38.284	nq	99
91) Dibenzo(a,h)anthracene	29.24	278	607159	38.139	nq	99
92) Benzo(g,h,i)perylene	30.38	276	613194	38.645	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.00 min

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Instrument :

BNA_G

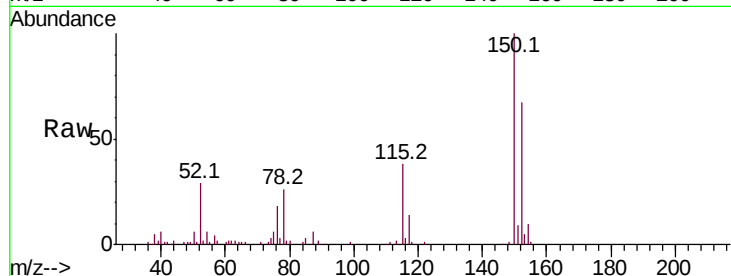
ClientSampled :

ICVBG012919

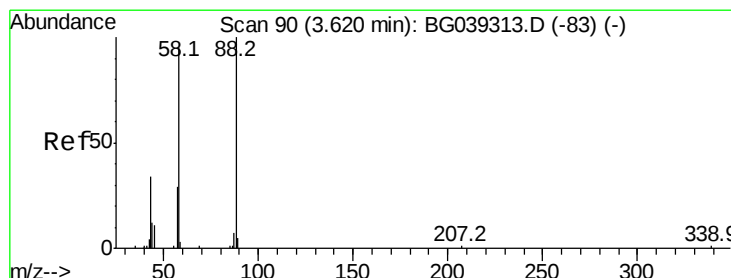
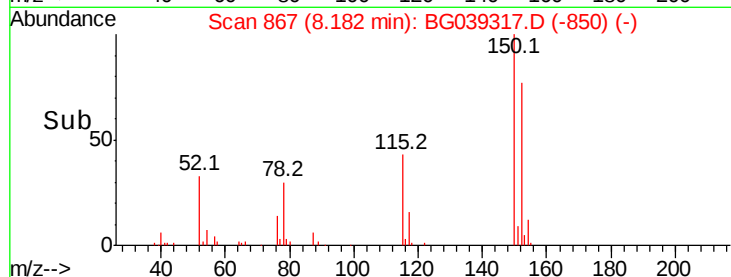
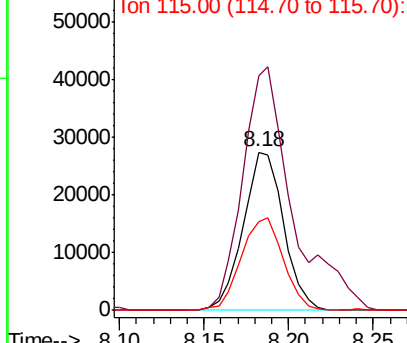
Tot Ion:	152	Resp:	45526
Ion	Ratio	Lower	Upper
152	100		
150	148.5	123.7	185.5
115	55.9	45.9	68.9

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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: 40.078 ng

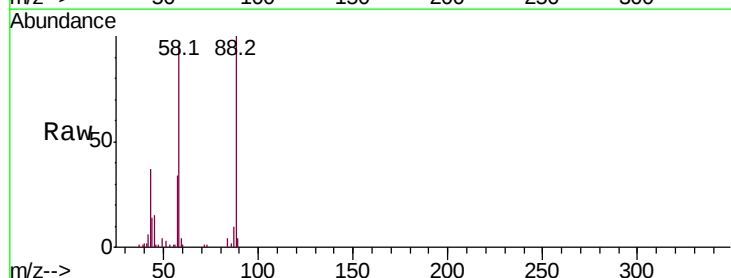
RT: 3.62 min Scan# 90

Delta R.T. -0.00 min

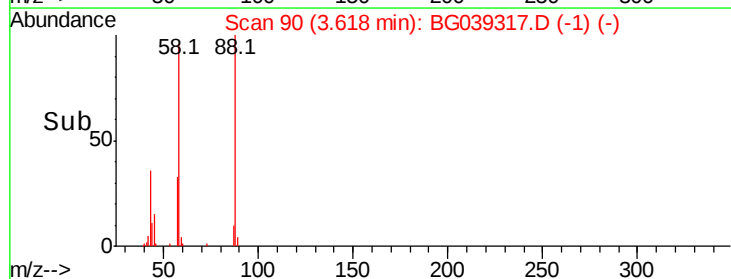
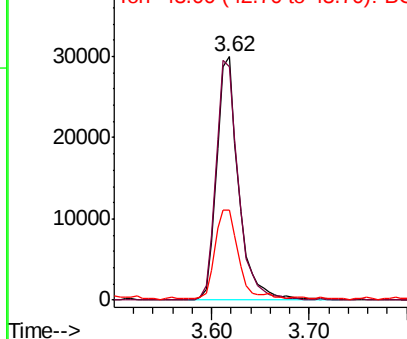
Lab File: BG039317.D

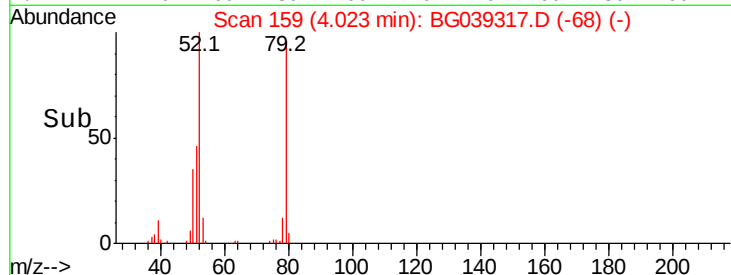
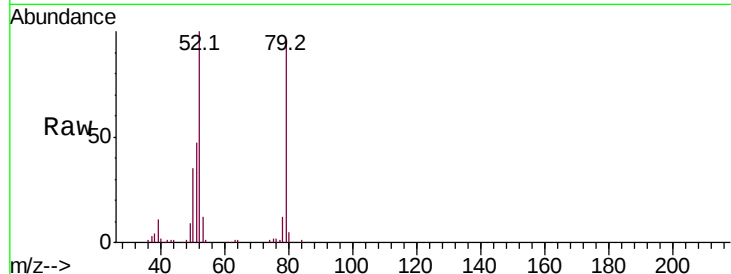
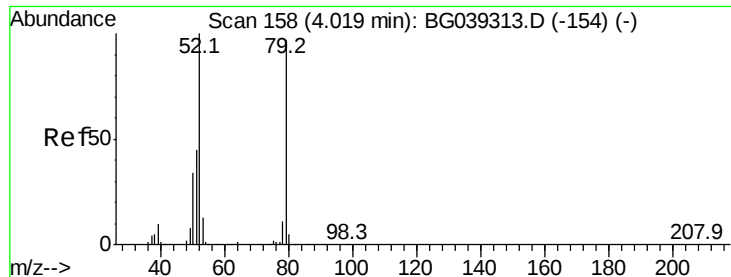
Acq: 29 Jan 2019 15:04

Tgt Ion:	88	Resp:	46632
Ion	Ratio	Lower	Upper
88	100		
58	100.1	81.1	121.7
43	38.3	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





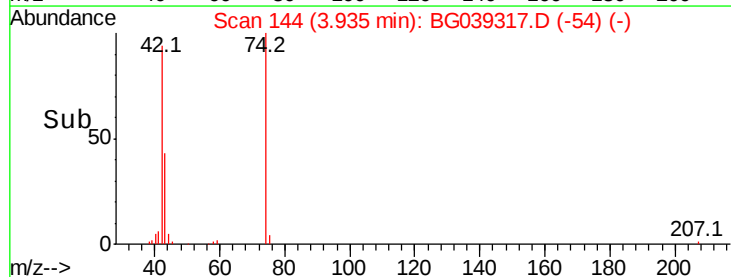
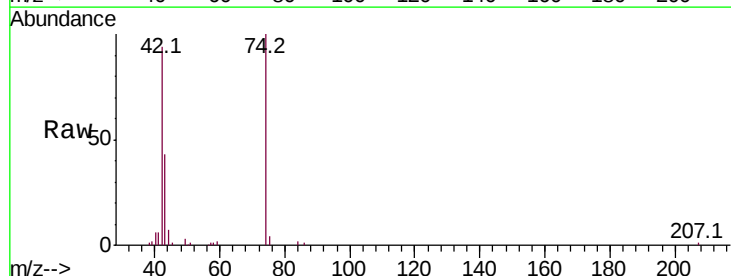
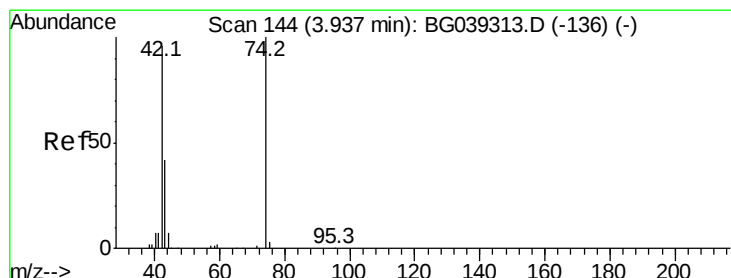
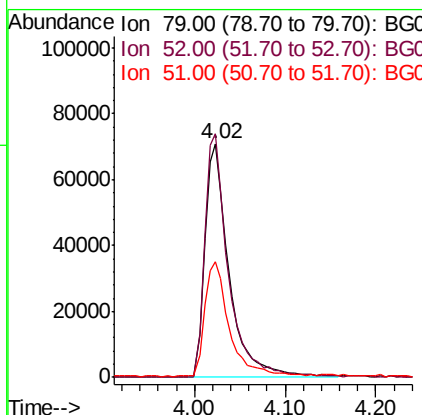
#3
Pvridine
Concen: 43.040 ng
RT: 4.02 min Scan# 159
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.3	82.6	124.0
51	49.4	37.5	56.3

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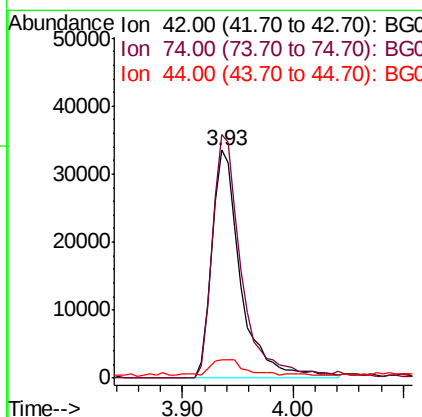
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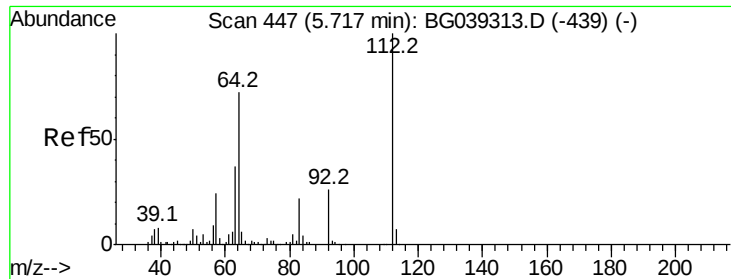
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#4
n-Nitrosodimethylamine
Concen: 39.277 ng
RT: 3.93 min Scan# 144
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.7	83.6	125.4
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 80.631 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

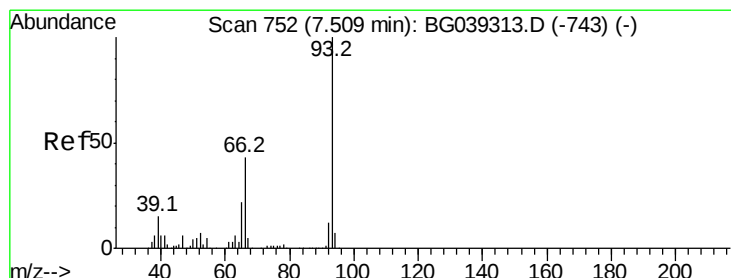
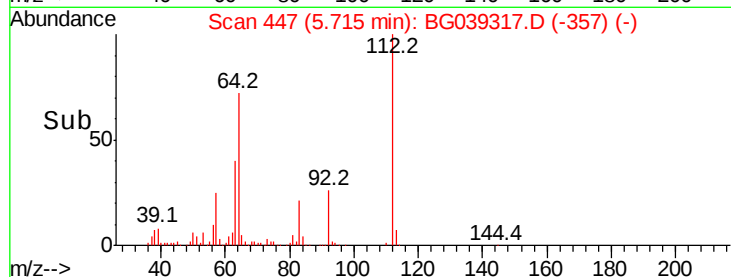
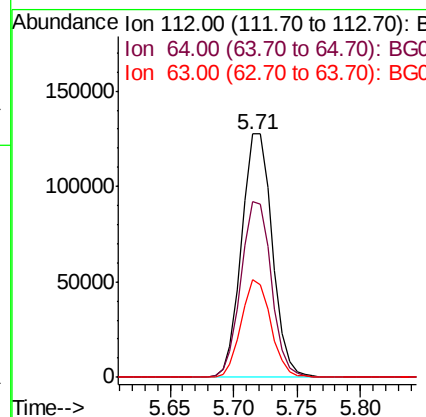
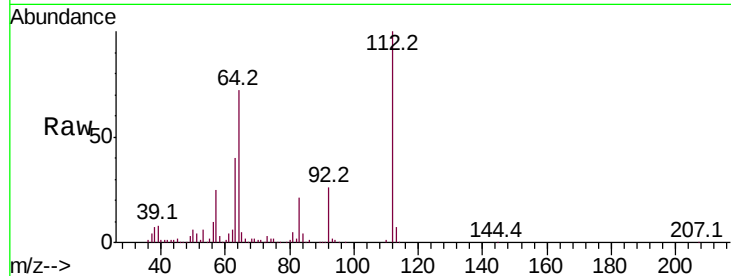
ClientSampleId :

ICVBG012919

Tot Ion:	112	Resp:	214478
Ion Ratio	Lower	Upper	
112	100		
64	72.1	57.8	86.8
63	40.2	29.8	44.6

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#6

Aniline

Concen: 39.822 ng

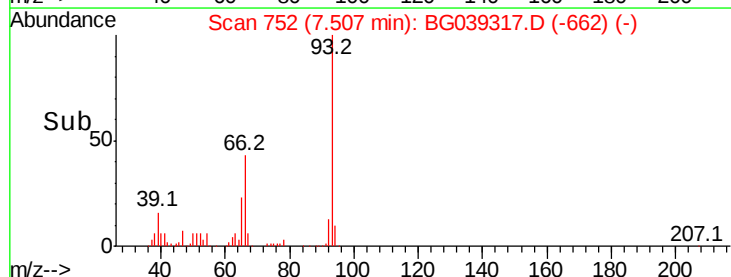
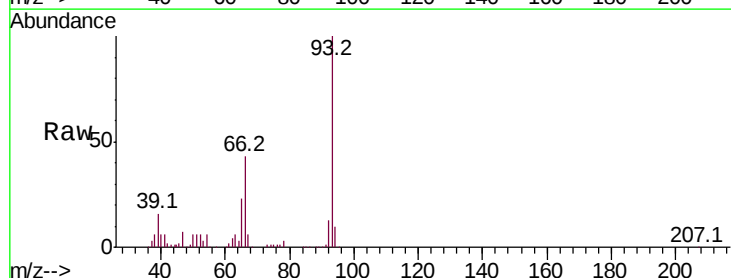
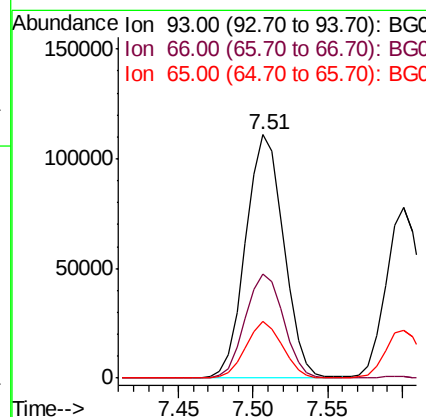
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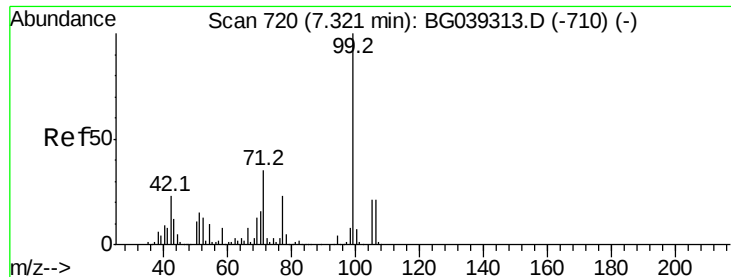
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:	93	Resp:	195304
Ion Ratio	Lower	Upper	
93	100		
66	42.8	34.2	51.4
65	23.3	17.7	26.5





#7

Phenol-d6

Concen: 81.375 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

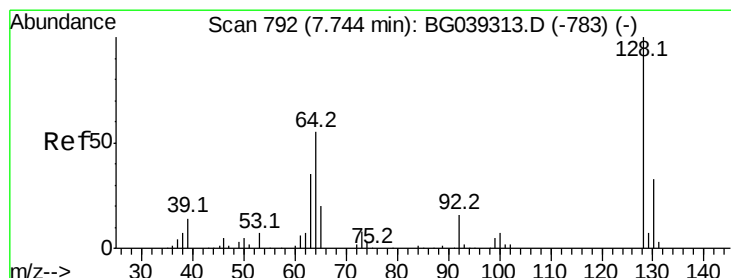
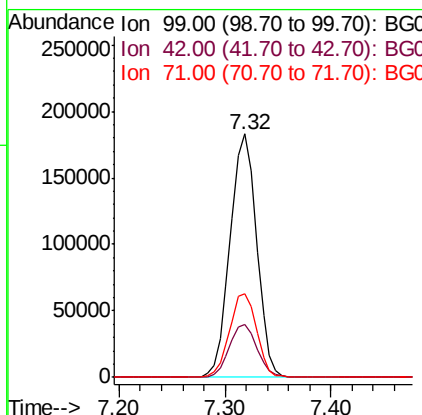
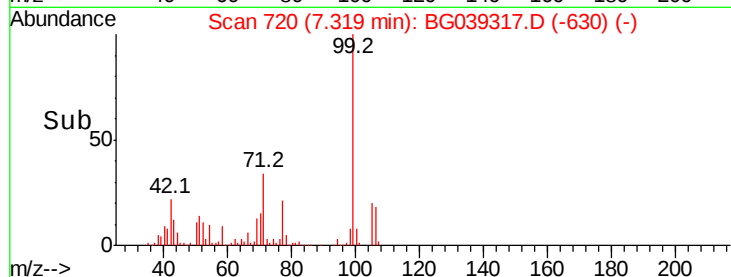
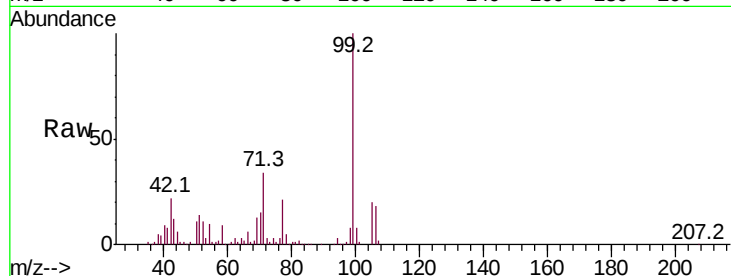
ClientSampleId :

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Tot Ion:	99	Resp:	318620
Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.2	27.2
71	34.5	28.0	42.0

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#8

2-Chlorophenol

Concen: 39.254 ng

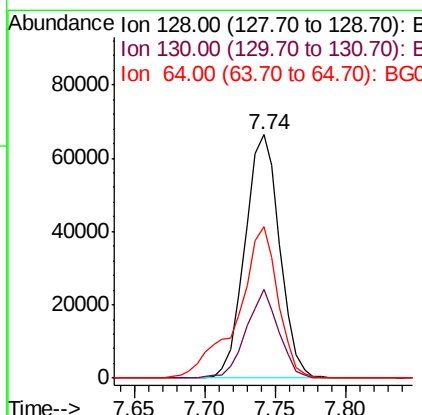
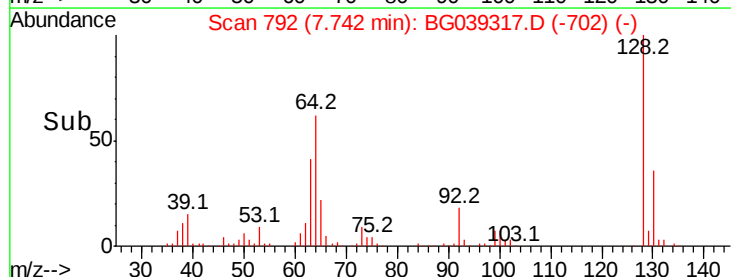
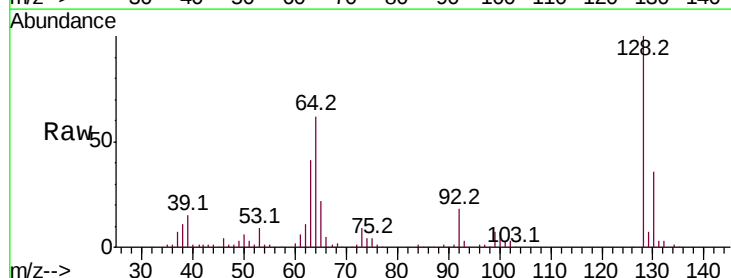
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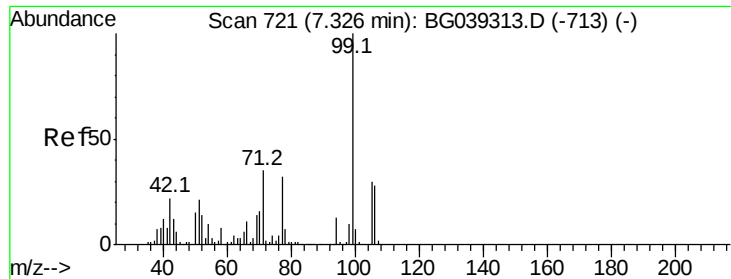
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:	128	Resp:	114137
Ion	Ratio	Lower	Upper
128	100		
130	36.3	12.9	52.9
64	62.0	38.7	78.7





#9

Benzaldehyde

Concen: 42.382 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

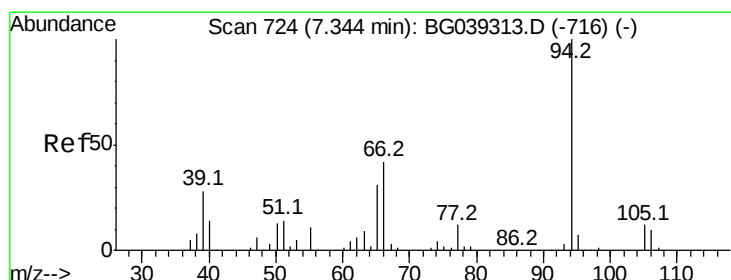
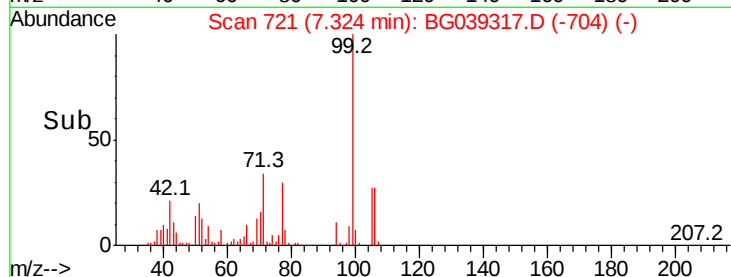
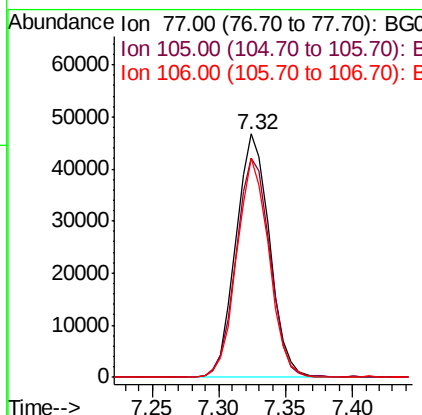
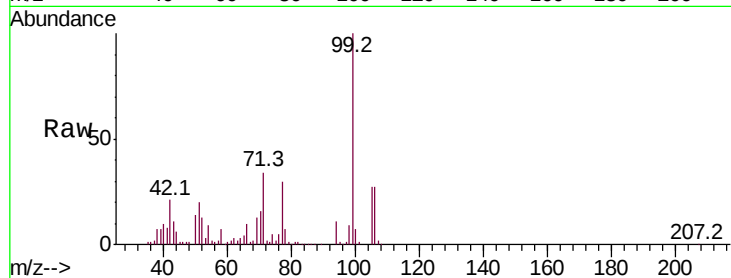
ClientSampleId :

ICVBG012919

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.8	74.5	114.5
106	89.9	68.0	108.0

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#10

Phenol

Concen: 40.334 ng

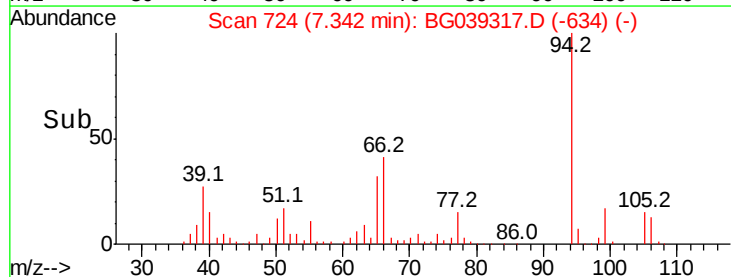
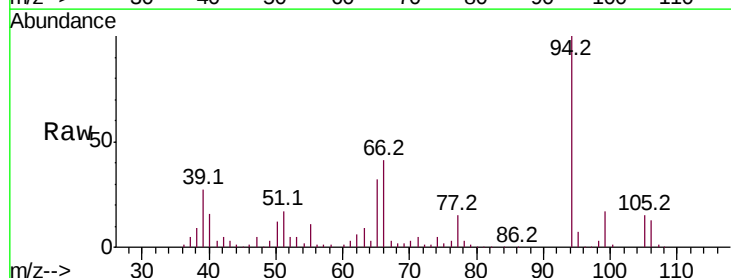
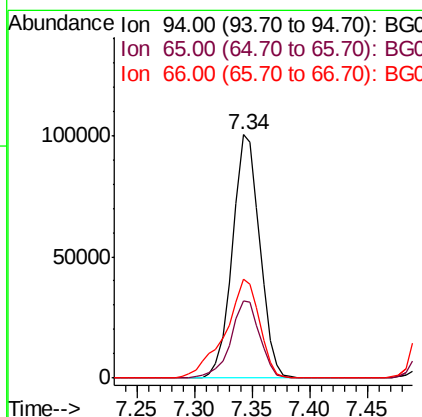
RT: 7.34 min Scan# 724

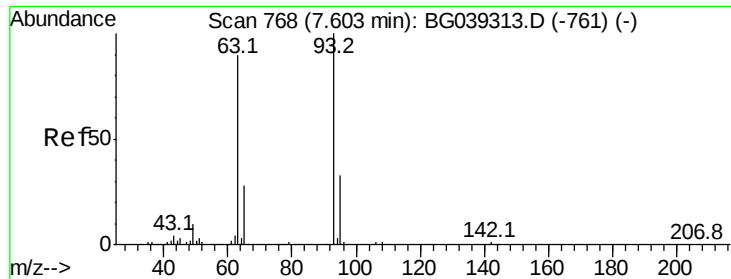
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.7	11.7	51.7
66	40.7	23.7	63.7





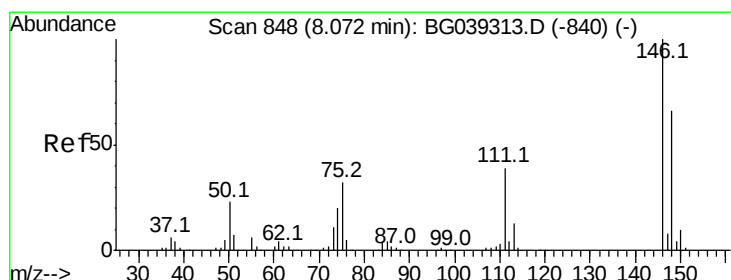
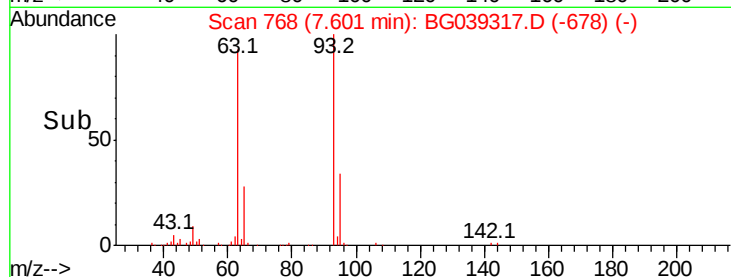
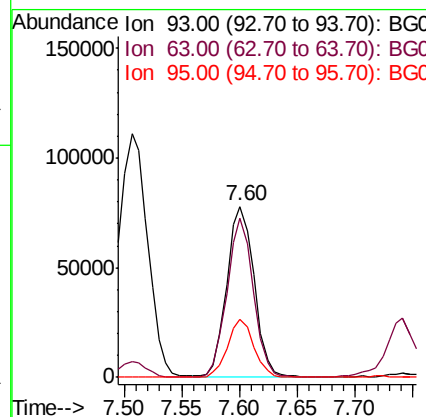
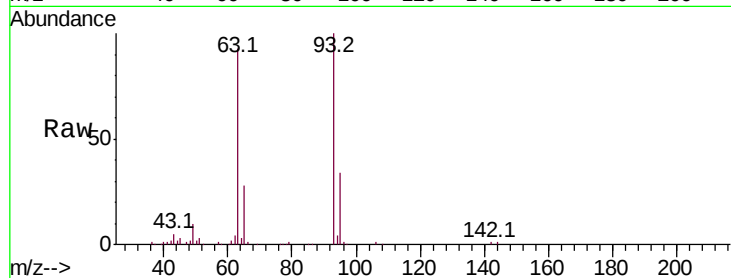
#11
bis(2-Chloroethyl)ether
Concen: 39.919 ng
RT: 7.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.3	69.5	109.5
95	33.6	12.7	52.7

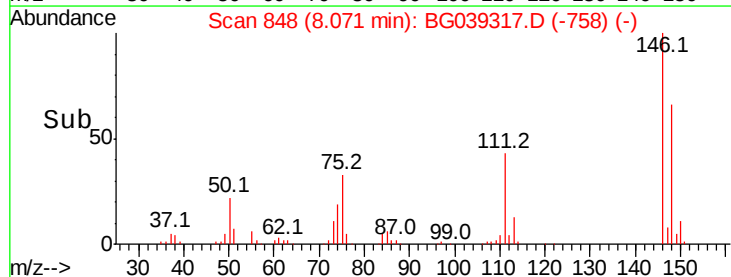
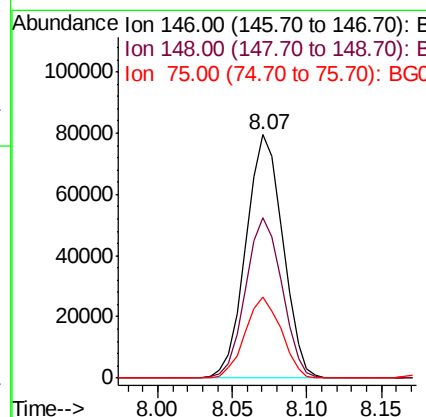
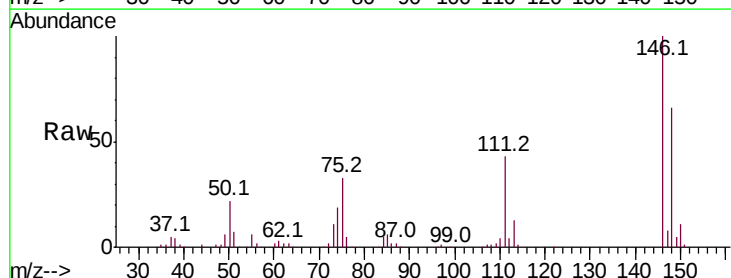
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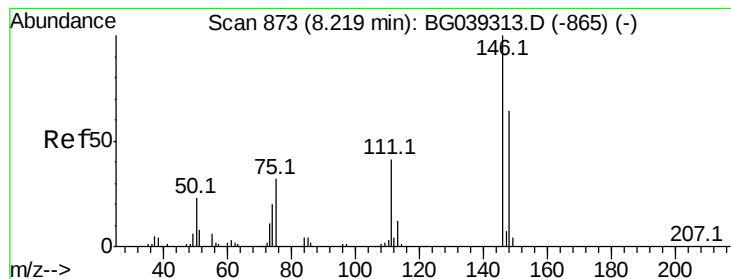
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.581 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.6	79.0
75	33.4	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 40.291 ng

RT: 8.22 min Scan# 874

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

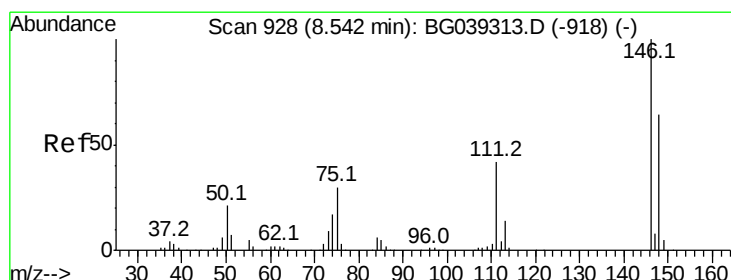
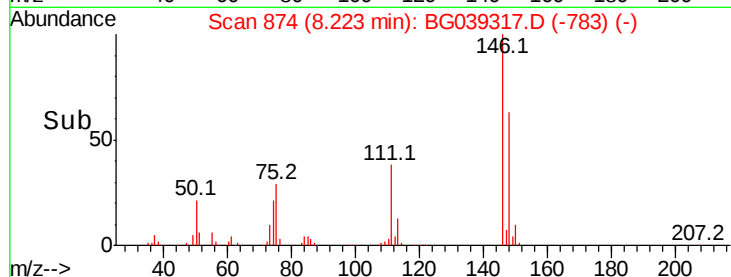
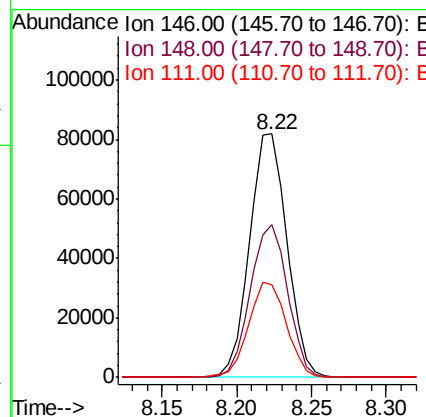
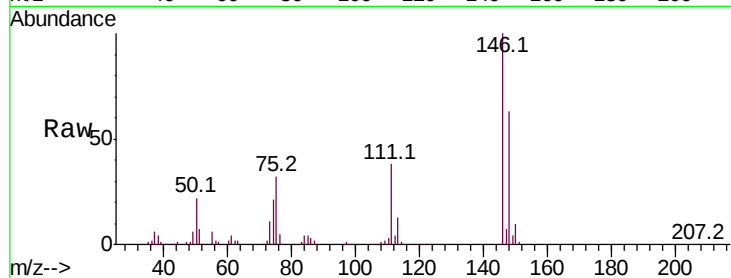
ClientSampled :

ICVBG012919

Tot Ion:	146	Resp:	141453
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.1	76.7
111	38.3	32.6	48.8

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#14

1,2-Dichlorobenzene

Concen: 39.191 ng

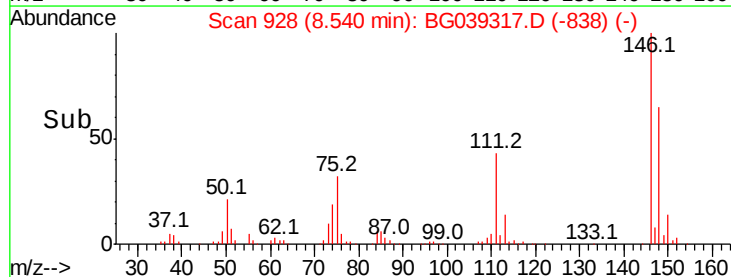
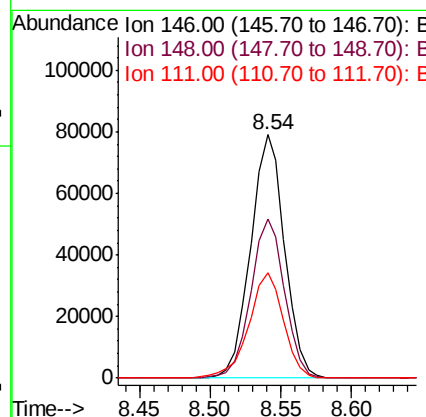
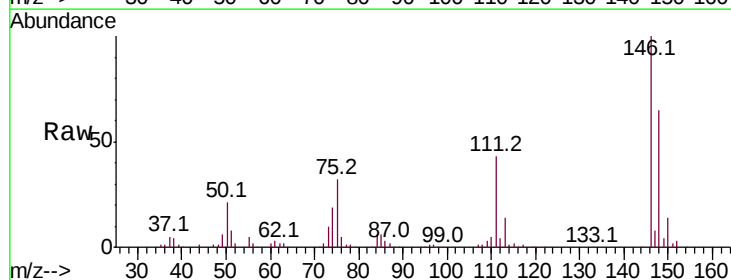
RT: 8.54 min Scan# 928

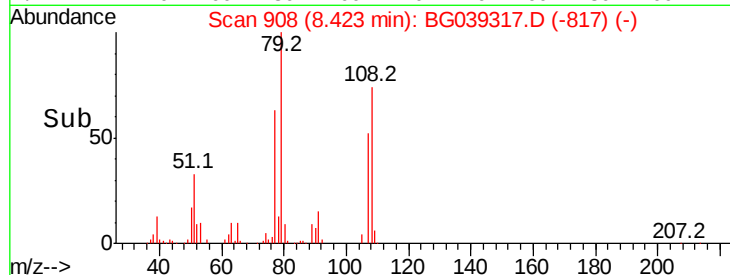
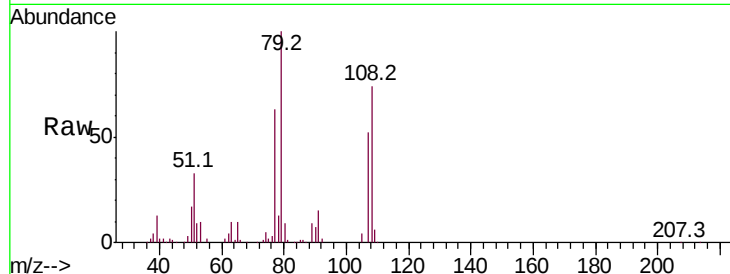
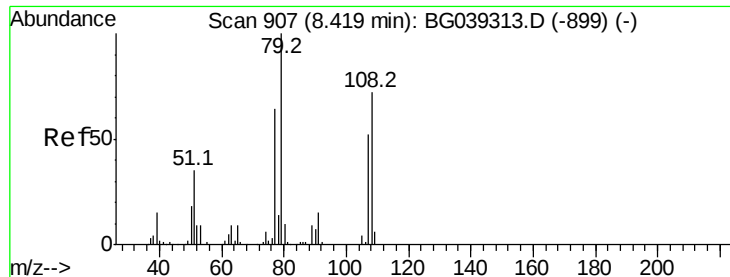
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:	146	Resp:	133198
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.5	77.3
111	43.3	33.8	50.6





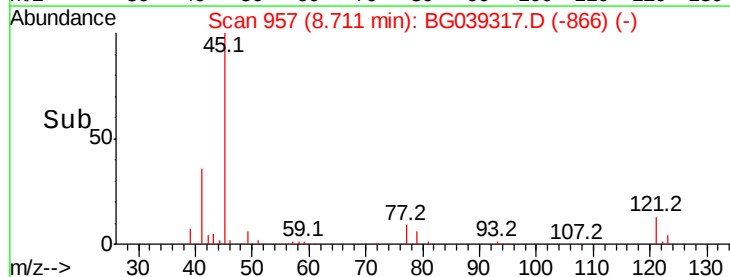
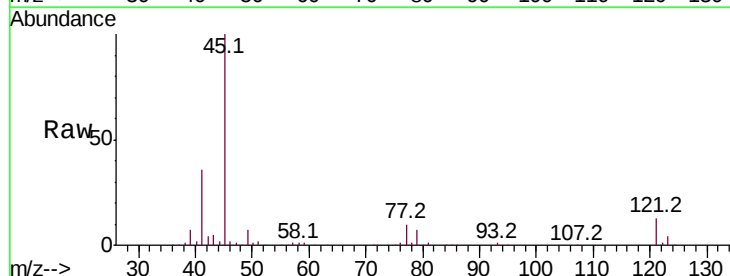
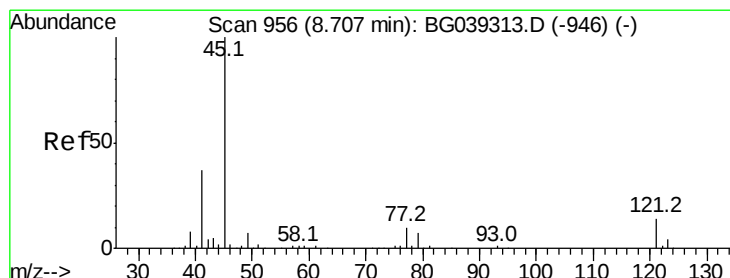
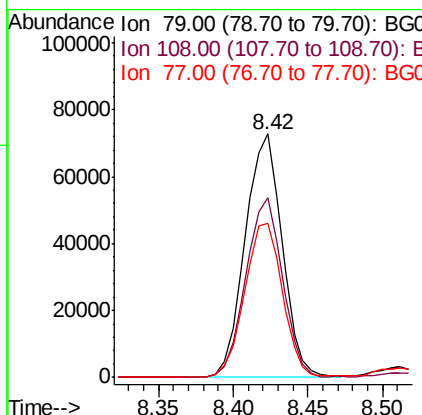
#15
Benzyl Alcohol
Concen: 40.469 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.9	57.8	86.6
77	63.2	51.1	76.7

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

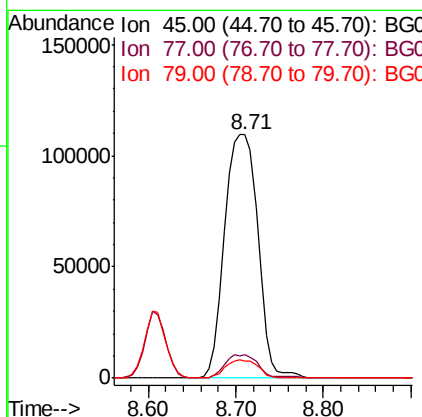
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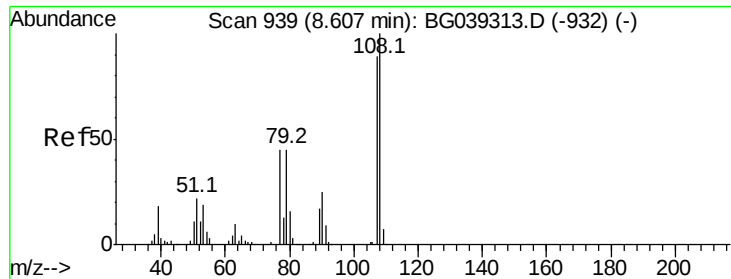
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.810 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	30.0
79	7.0	0.0	27.5





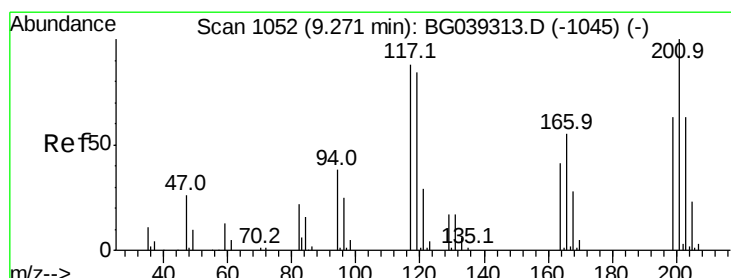
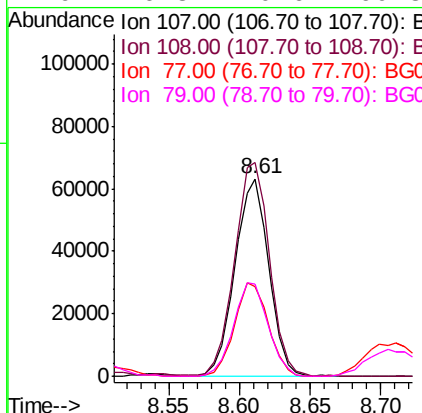
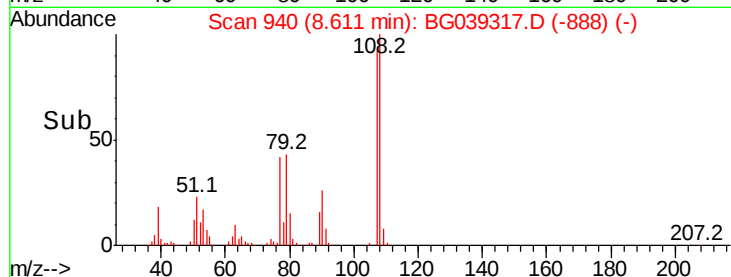
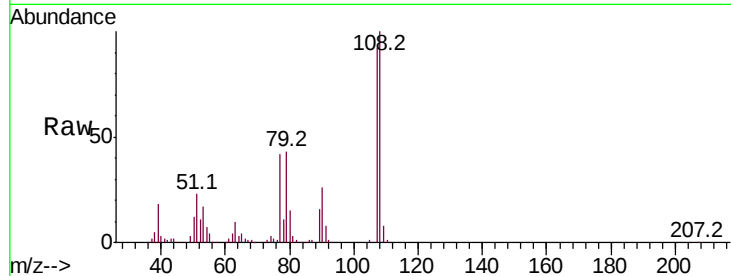
#17
2-Methylphenol
Concen: 40.090 ng
RT: 8.61 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	90.8	136.2	
77	45.3	40.7	61.1	
79	46.8	40.6	60.8	

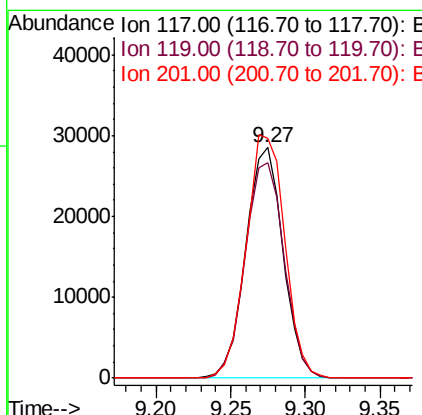
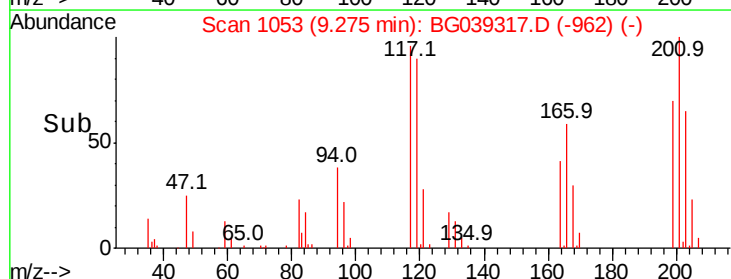
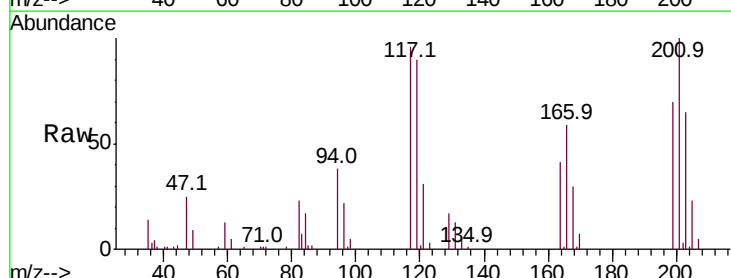
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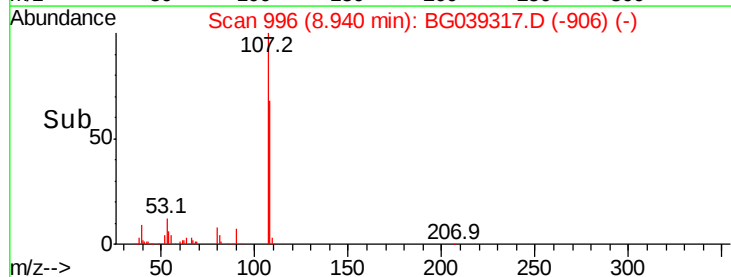
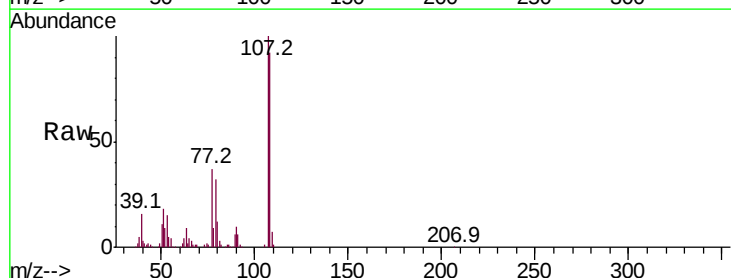
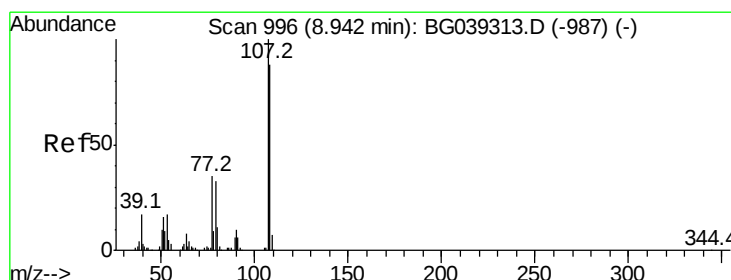
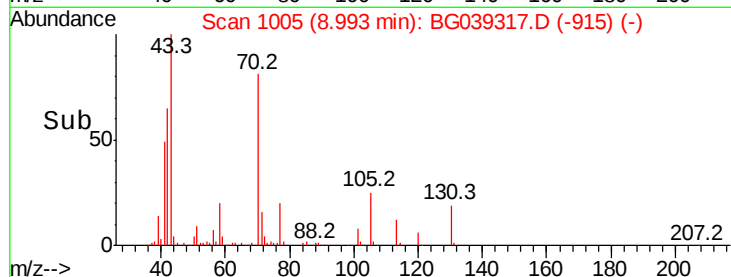
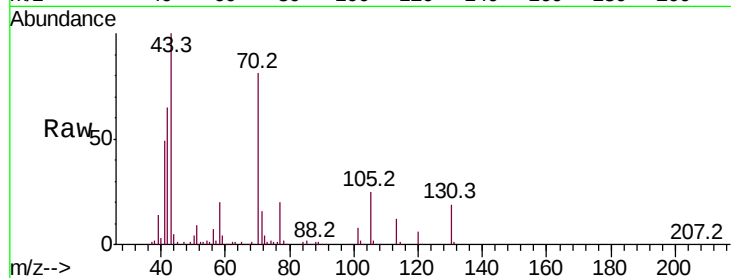
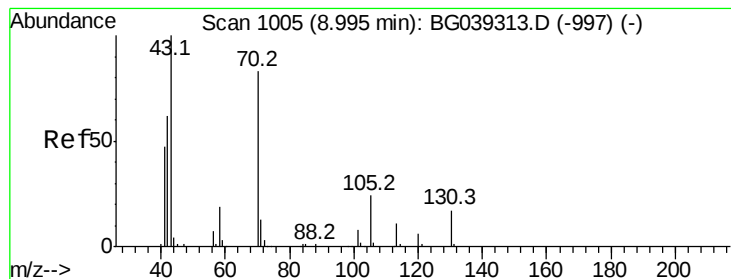
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#18
Hexachloroethane
Concen: 40.662 ng
RT: 9.27 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	76.3	114.5	
201	104.1	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 40.112 ng

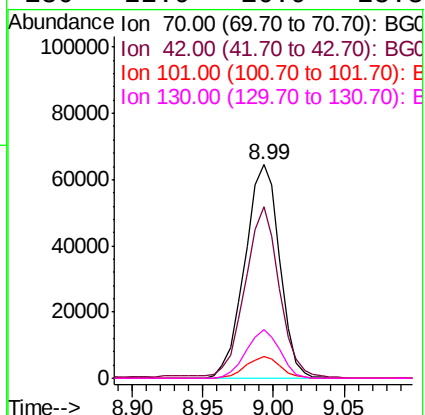
RT: 8.99 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.4	60.4	90.6
101	10.5	7.5	11.3
130	22.9	16.9	25.3



Instrument :

BNA_G

ClientSampleId :

ICVBG012919

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#20

3+4-Methylphenols

Concen: 40.944 ng

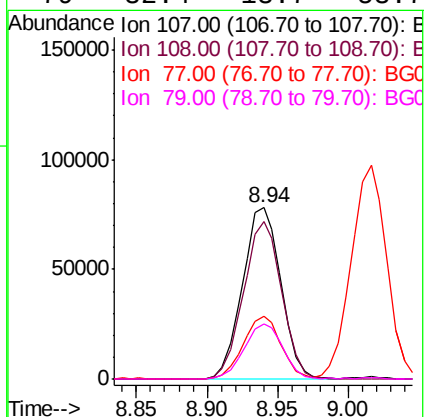
RT: 8.94 min Scan# 996

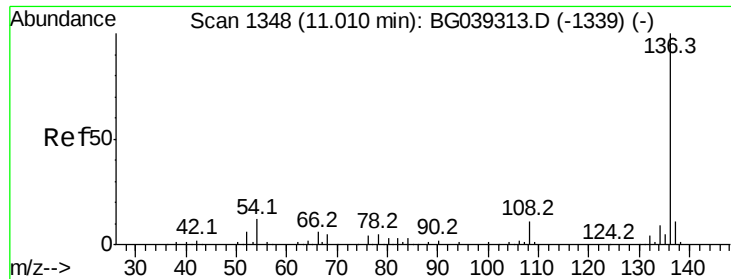
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	67.9	107.9
77	36.6	15.4	55.4
79	32.4	13.7	53.7





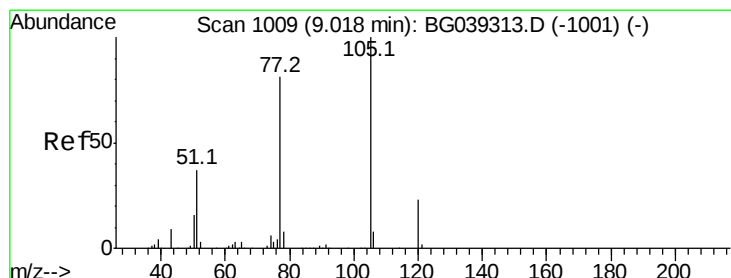
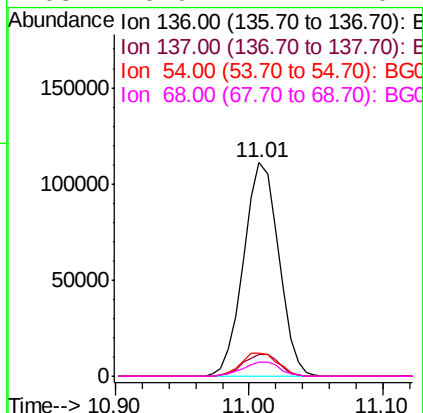
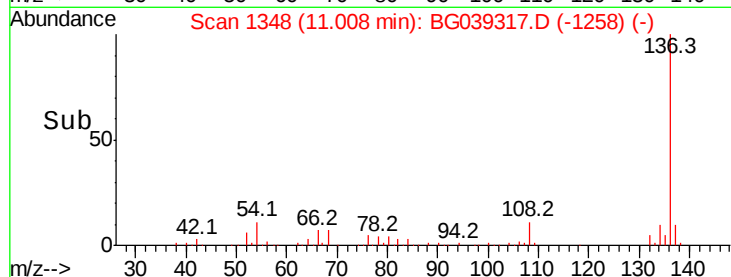
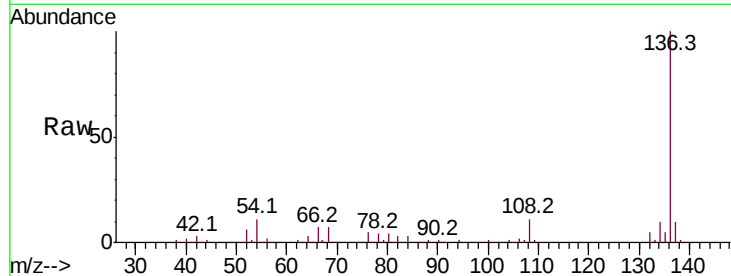
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.1	13.7	
54	10.7	9.4	14.2	
68	6.9	4.2	6.4	

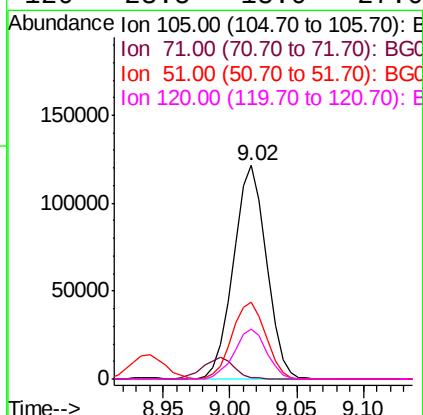
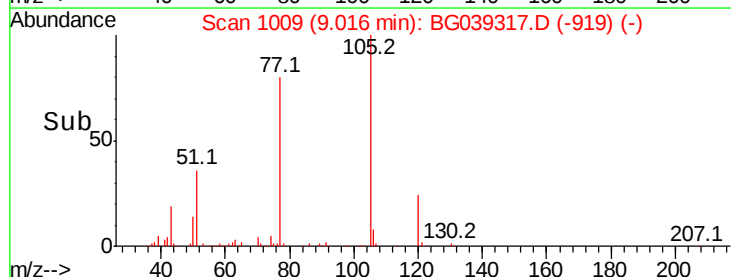
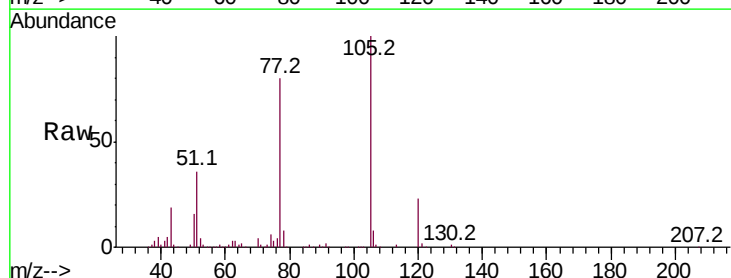
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#22
Acetophenone
Concen: 38.477 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.8	1.2	
51	36.1	30.2	45.2	
120	23.5	18.0	27.0	





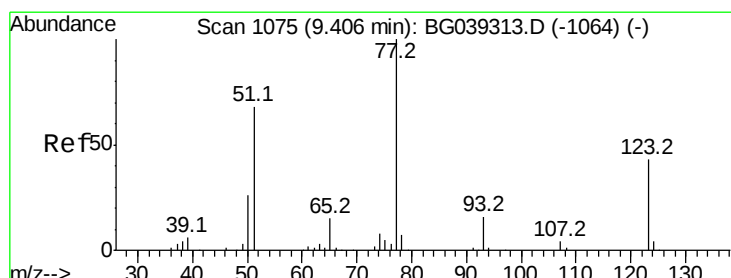
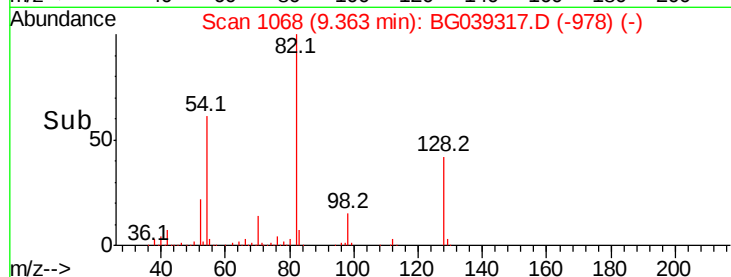
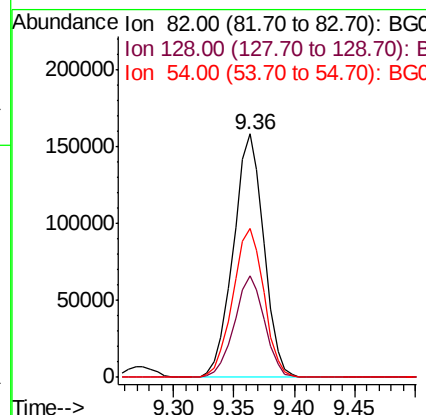
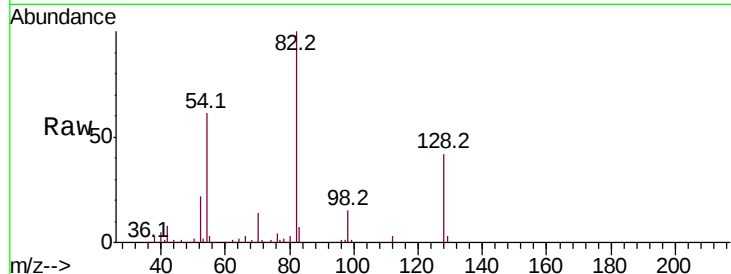
#23
Nitrobenzene-d5
Concen: 85.964 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.3	46.9
54	61.1	50.9	76.3

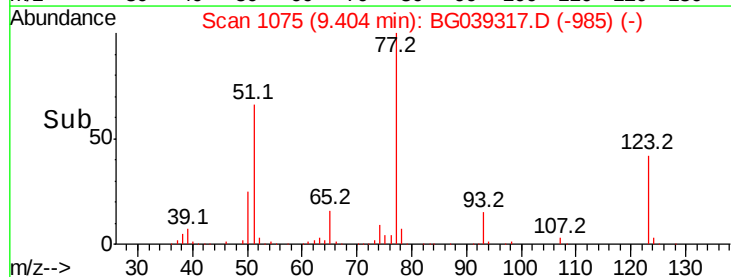
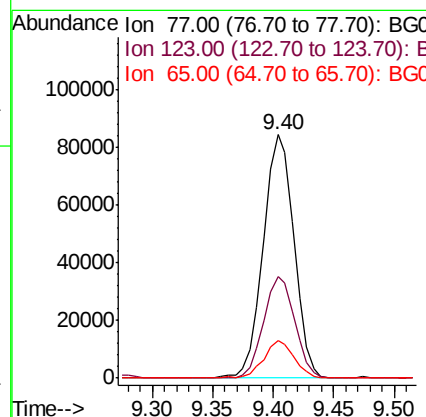
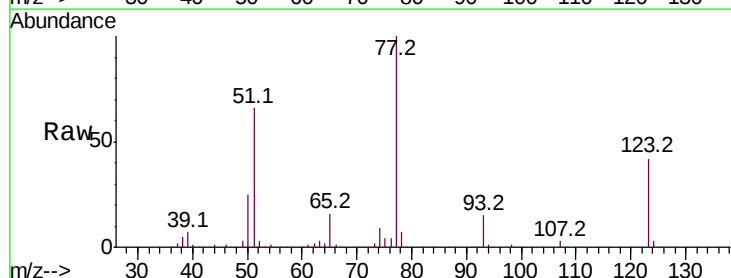
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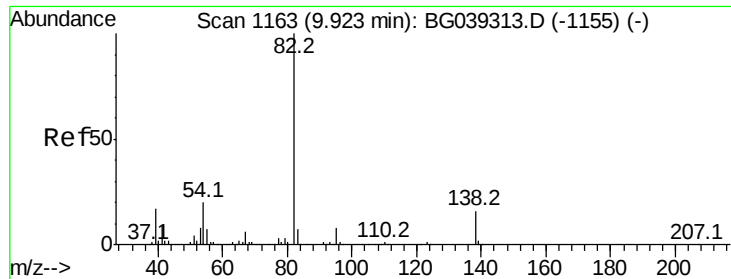
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#24
Nitrobenzene
Concen: 42.672 ng
RT: 9.40 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	34.1	51.1
65	15.6	12.3	18.5





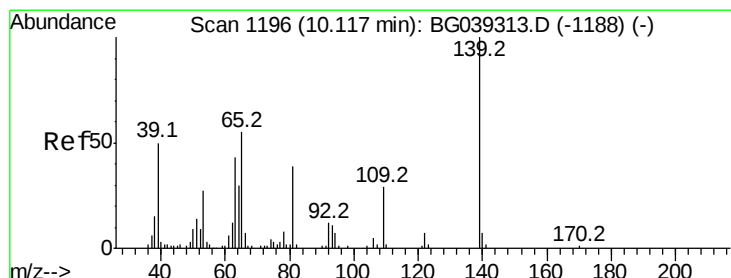
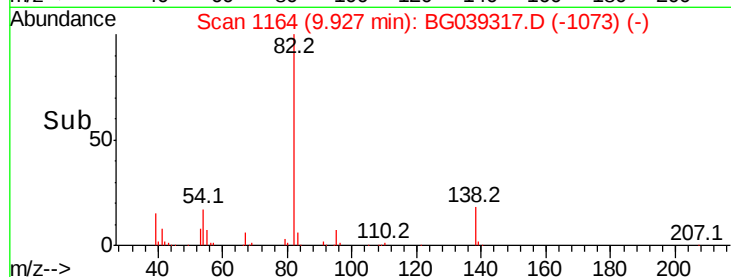
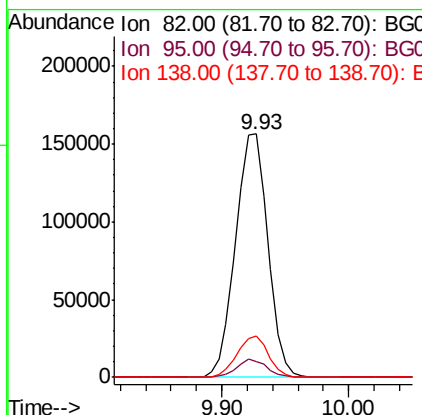
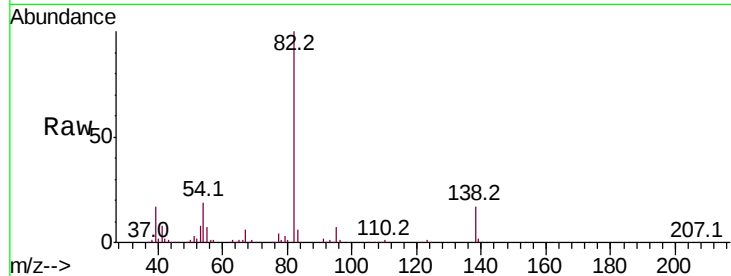
#25
Isophorone
Concen: 38.768 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.5	6.2	9.2
138	17.1	13.0	19.4

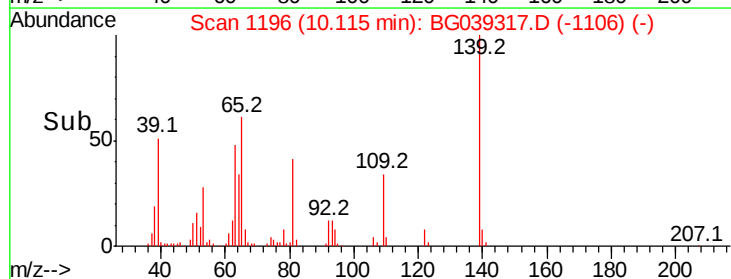
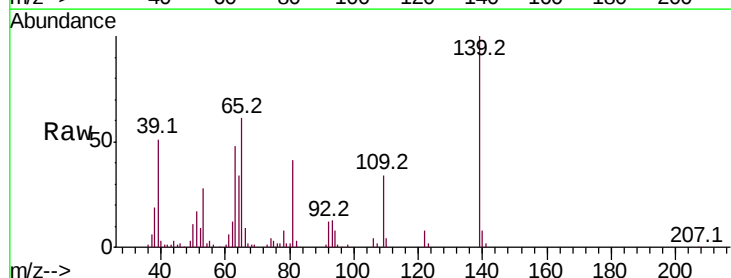
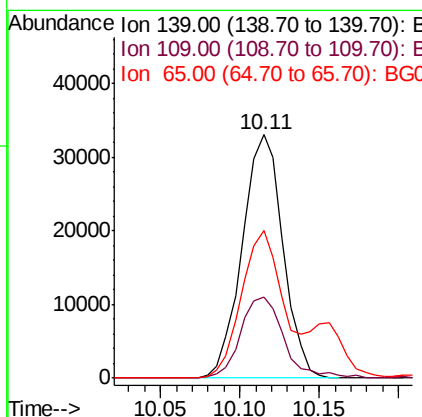
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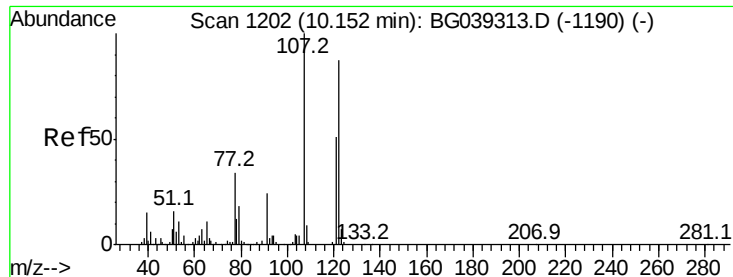
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#26
2-Nitrophenol
Concen: 44.474 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.5	23.4	35.0
65	60.8	44.3	66.5





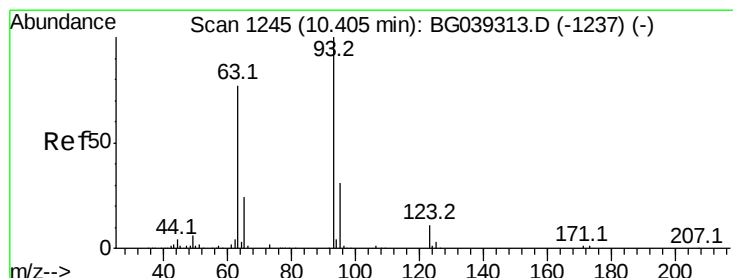
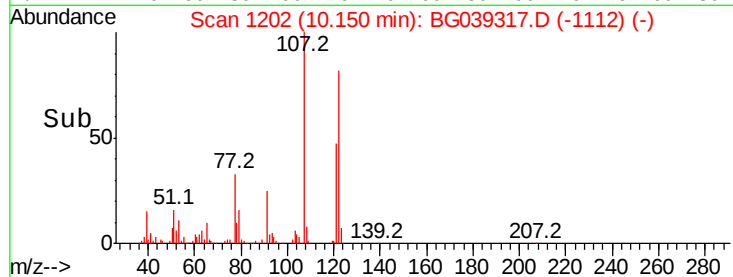
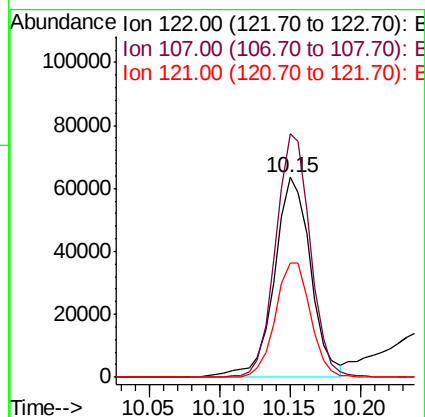
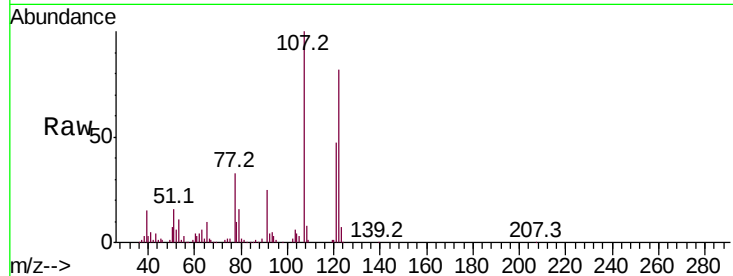
#27
 2,4-Dimethylphenol
 Concen: 39.630 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG012919

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	91.7	137.5
121	57.0	46.4	69.6

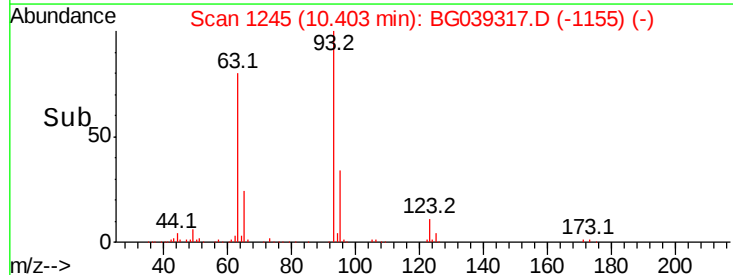
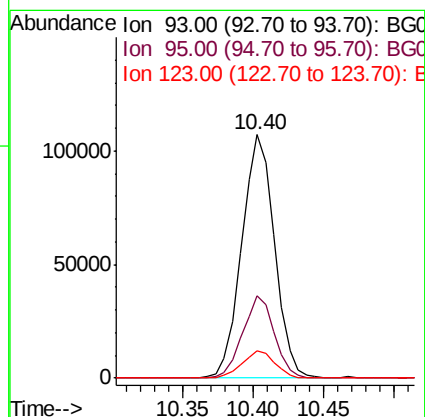
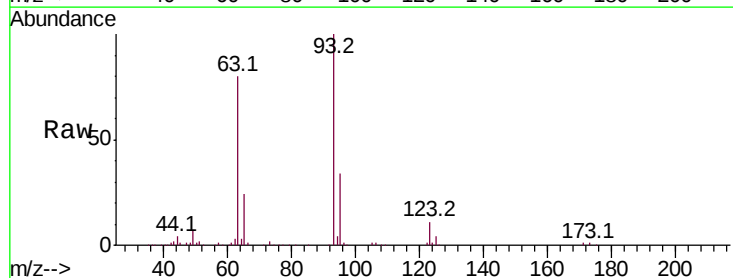
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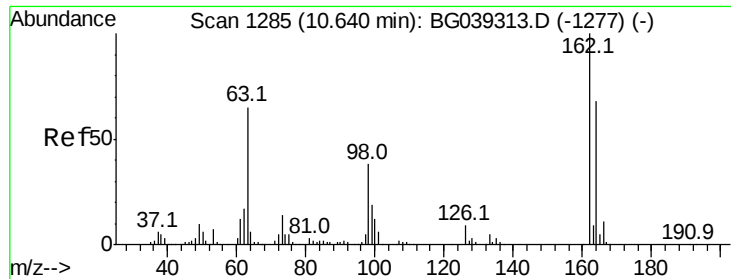
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.473 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.0	37.4
123	11.2	8.6	12.8





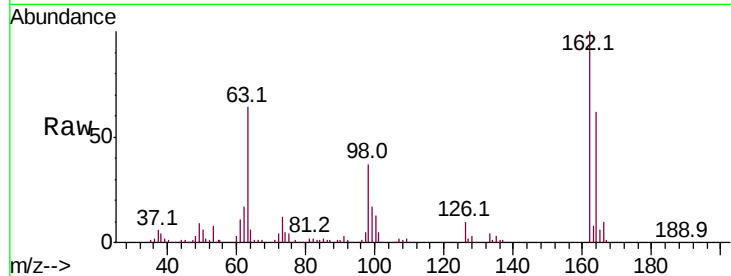
#29
 2,4-Dichlorophenol
 Concen: 40.400 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG012919

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.1	48.1	88.1	
98	36.5	18.1	58.1	

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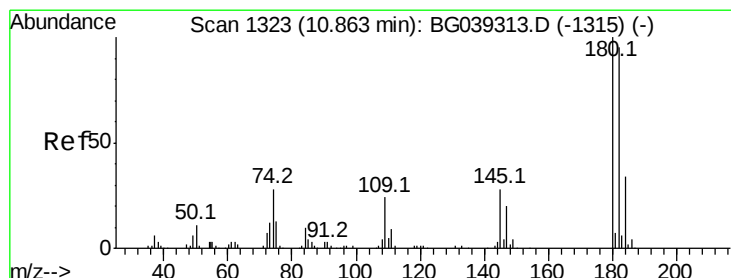
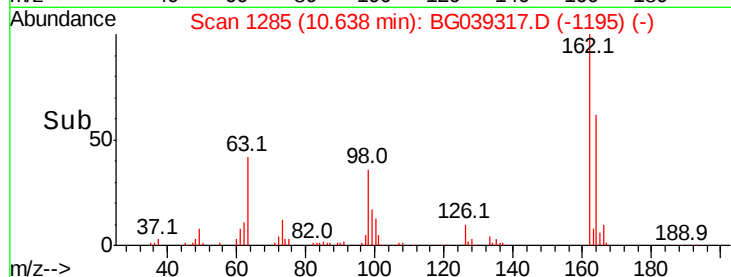
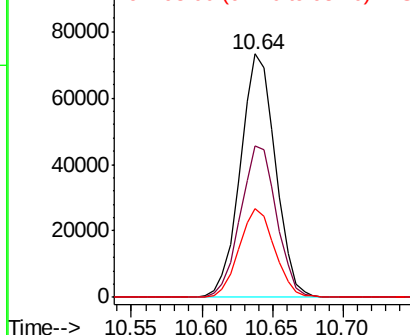


Abundance

Ion 162.00 (161.70 to 162.70): E

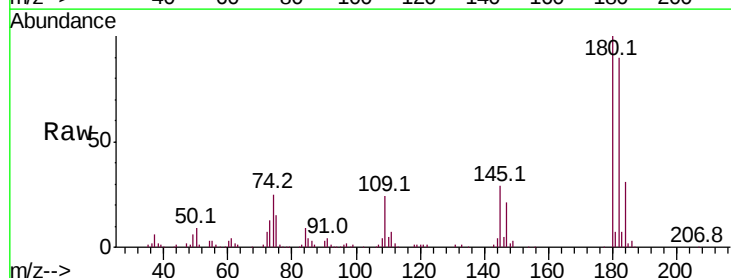
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.996 ng
 RT: 10.86 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	89.7	76.0	114.0	
145	28.5	22.7	34.1	

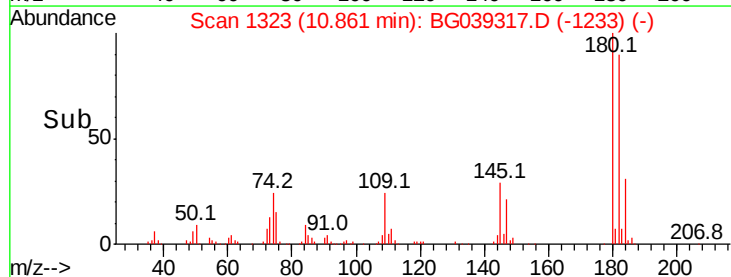
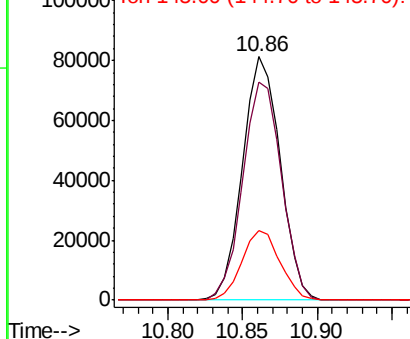


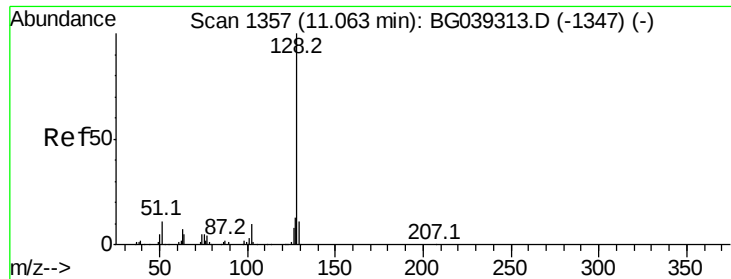
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





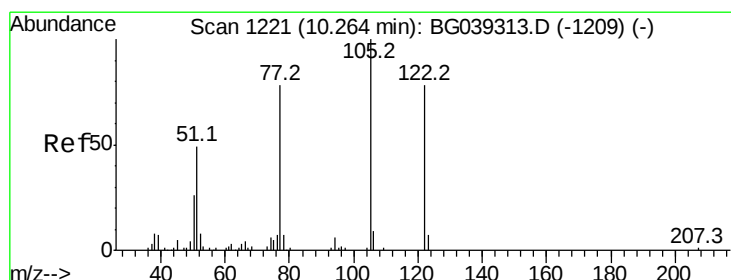
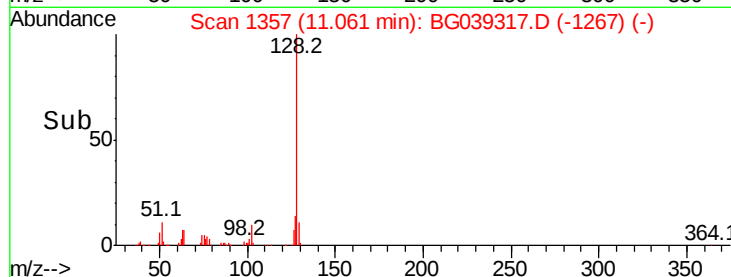
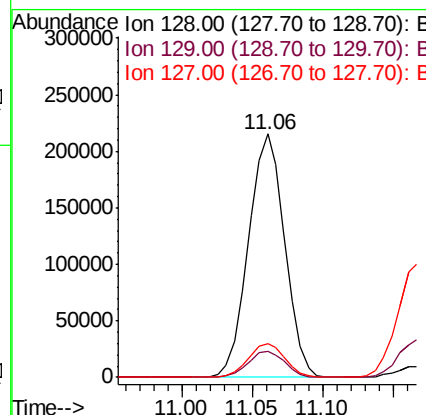
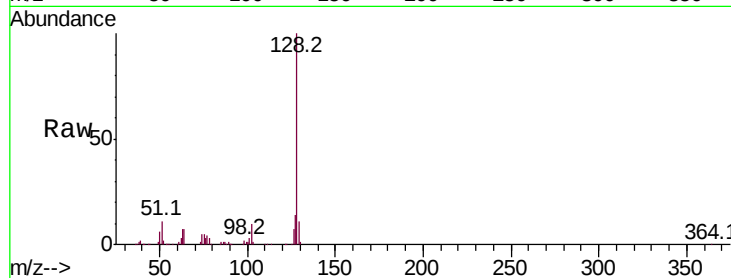
#31
Naphthalene
Concen: 38.642 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Resp	Lower	Upper
128	100	386089		
129	10.9		8.7	13.1
127	13.8		10.8	16.2

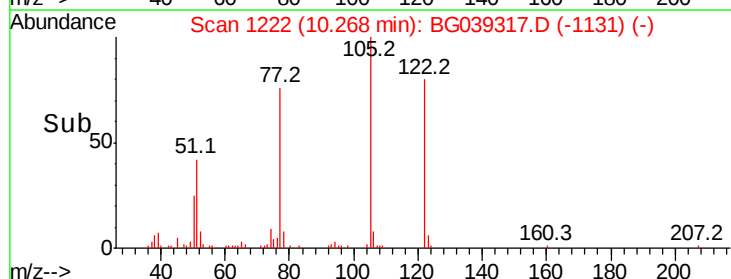
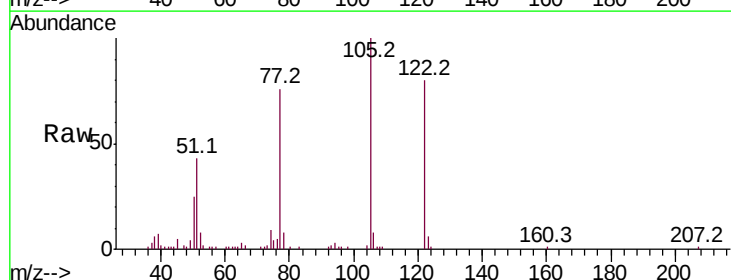
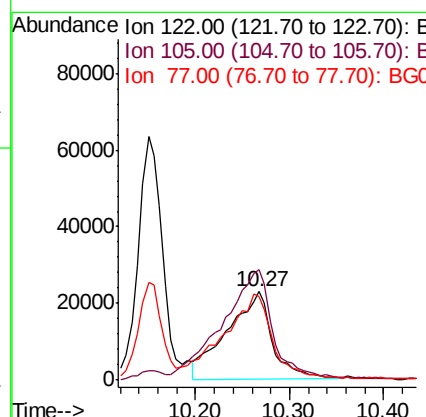
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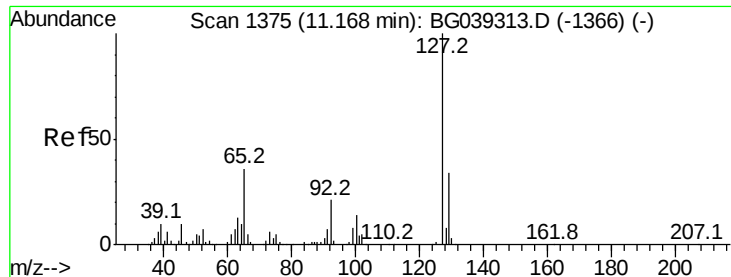
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#32
Benzoic acid
Concen: 41.517 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	75728		
105	124.5		101.8	141.8
77	94.2		76.3	116.3





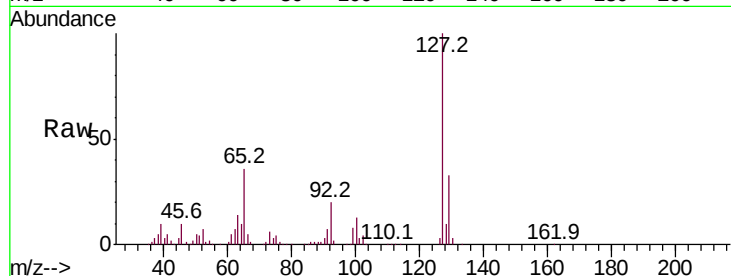
#33
4-Chloroaniline
Concen: 38.587 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.2	27.0	40.4
65	36.4	28.8	43.2
92	20.3	16.6	25.0

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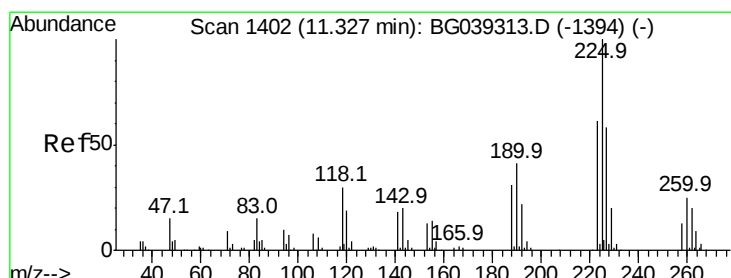
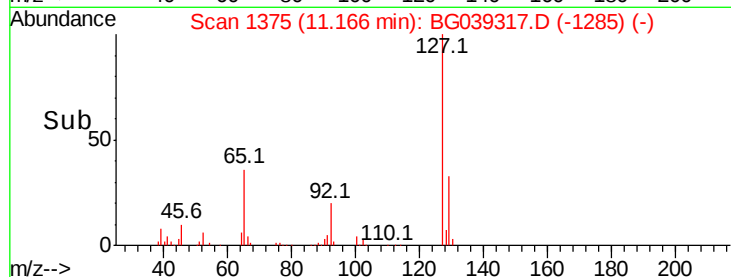
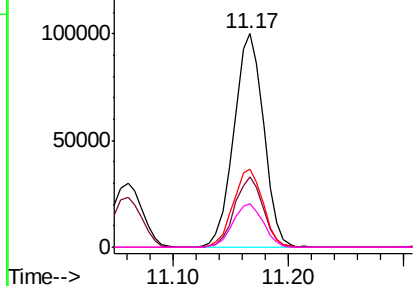
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

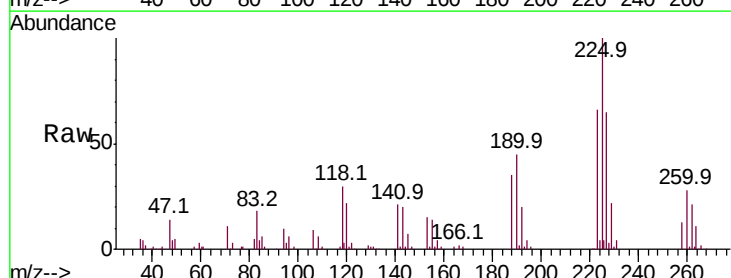
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.367 ng
RT: 11.32 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	66.3	49.0	73.6
227	64.7	46.3	69.5

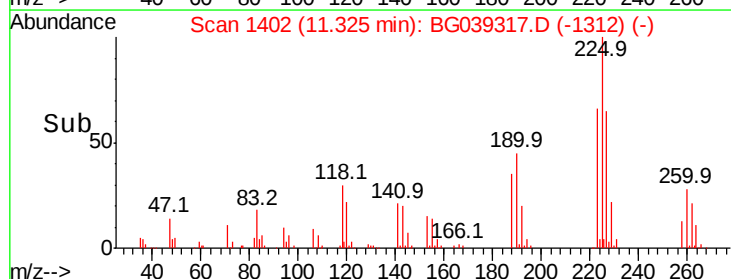
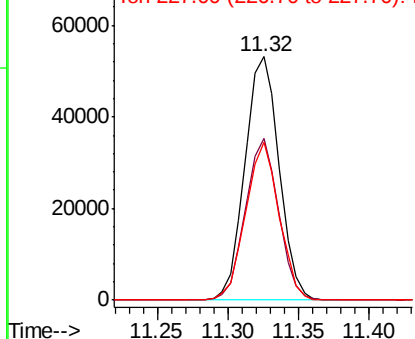


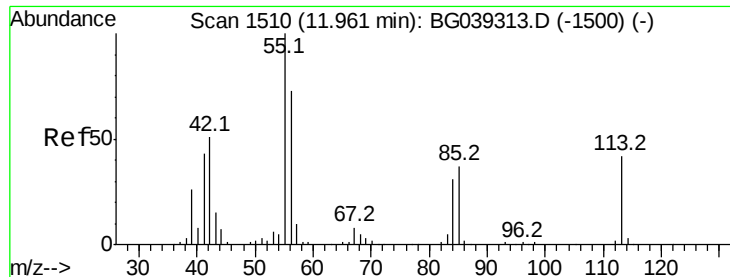
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.770 ng

RT: 11.96 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

ClientSampleId :

ICVBG012919

Tot Ion:113 Resp: 54595

Ion Ratio Lower Upper

113 100

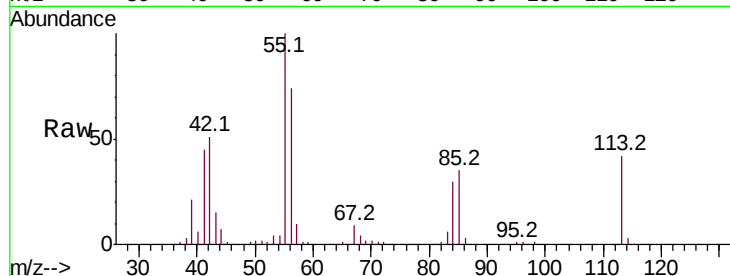
55 240.6 216.9 256.9

56 178.4 152.6 192.6

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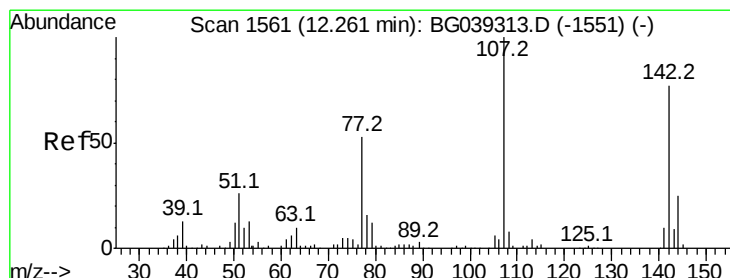
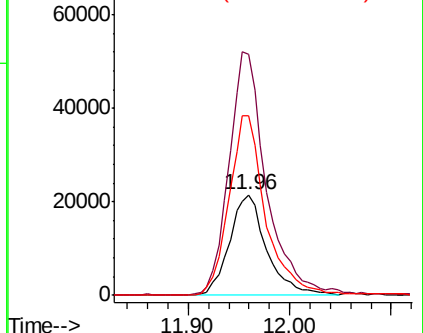
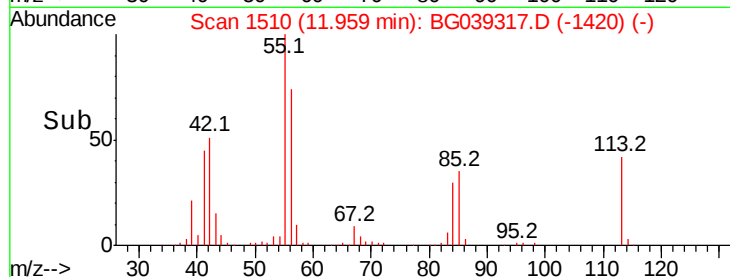
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.525 ng

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

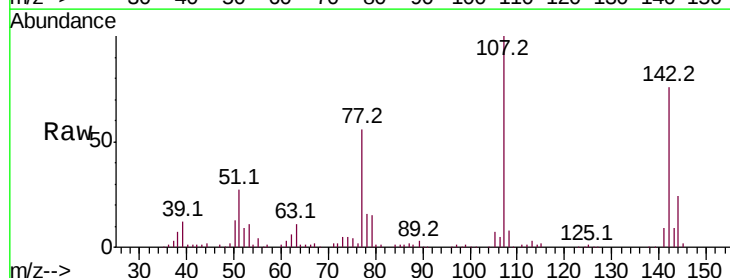
Tgt Ion:107 Resp: 148033

Ion Ratio Lower Upper

107 100

144 24.3 20.2 30.2

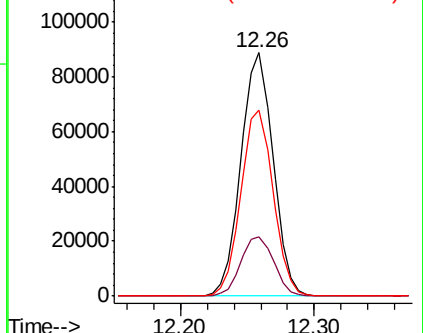
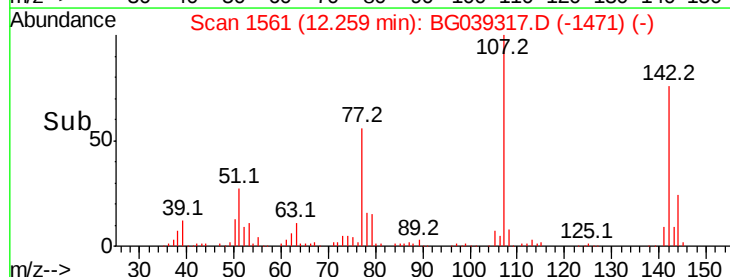
142 76.4 61.4 92.2

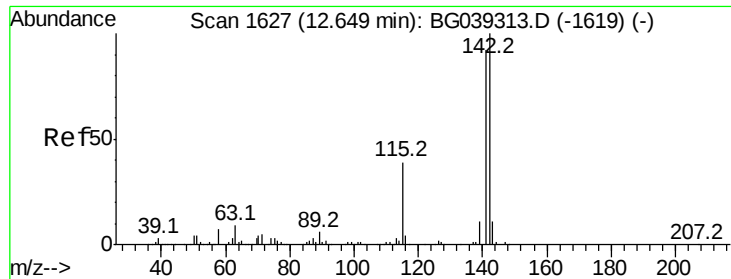


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.400 ng

RT: 12.65 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BG039317.D

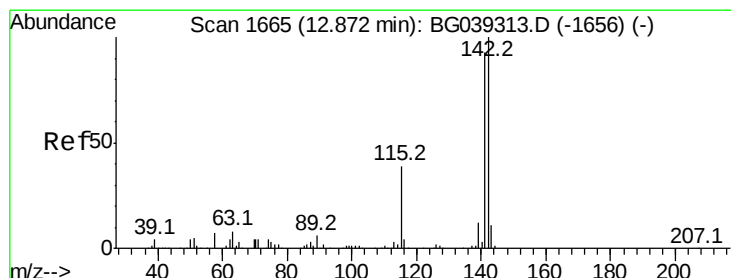
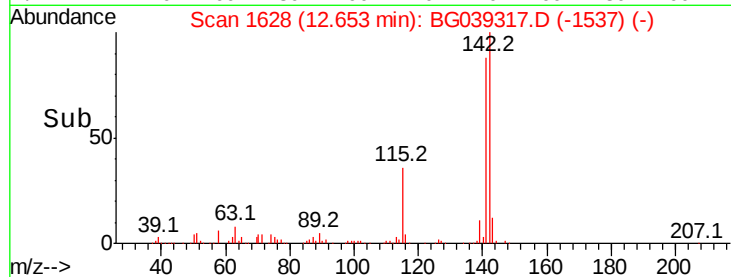
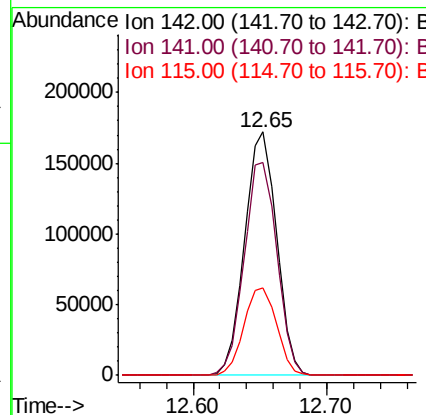
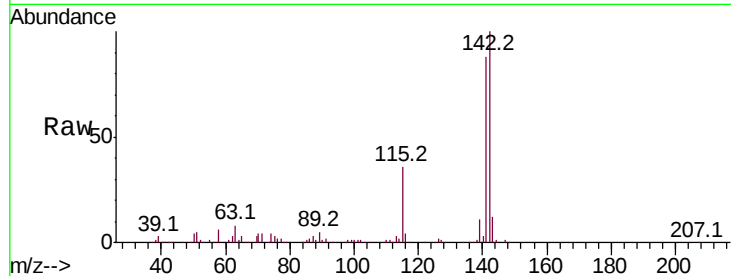
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	73.5	110.3
115	35.9	30.8	46.2

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#38

1-Methylnaphthalene

Concen: 38.473 ng m

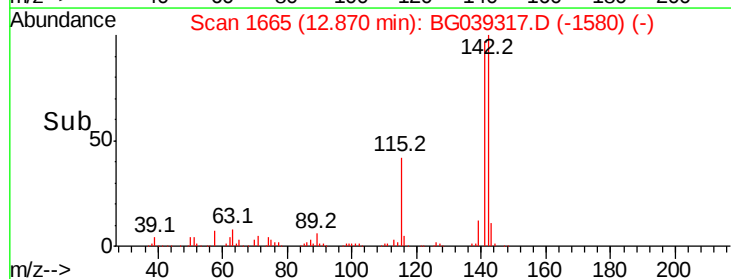
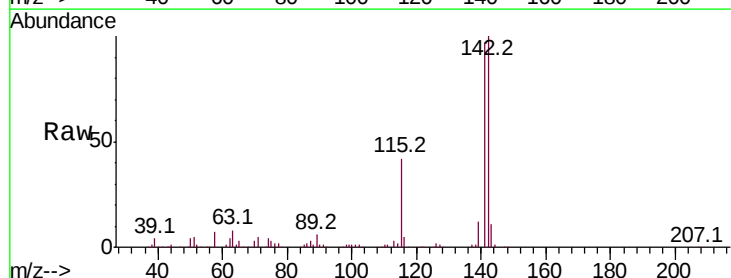
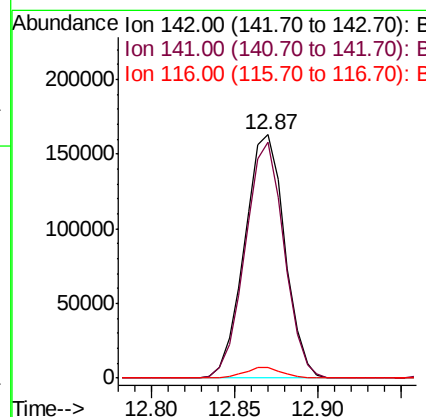
RT: 12.87 min Scan# 1665

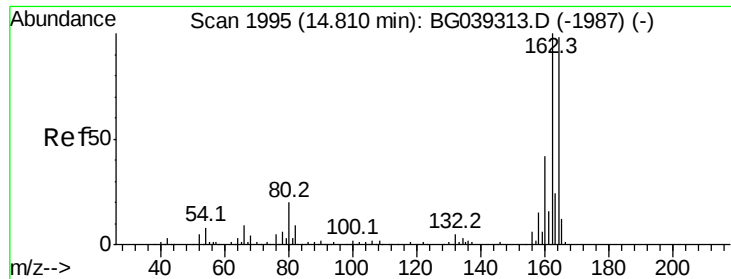
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	74.2	111.4
116	4.6	3.0	4.6#





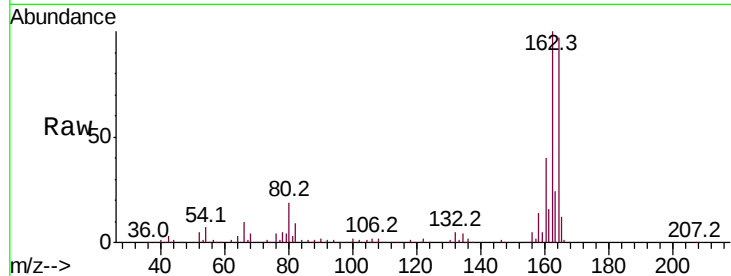
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.6	122.4
160	41.5	34.2	51.2

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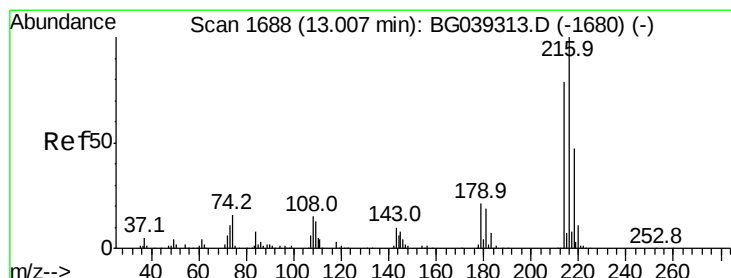
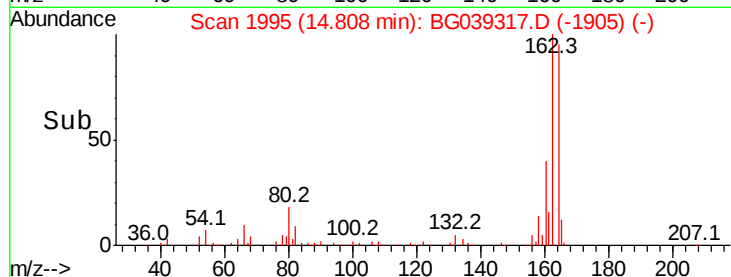
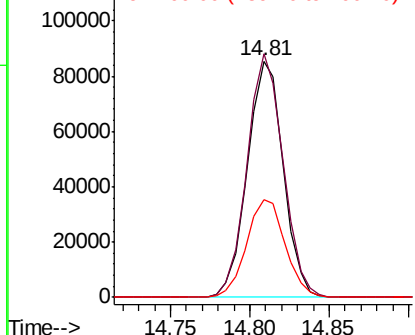


Abundance

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: 38.880 ng
RT: 13.01 min Scan# 1688
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	94.0
179	21.2	16.6	25.0
108	17.9	14.0	21.0

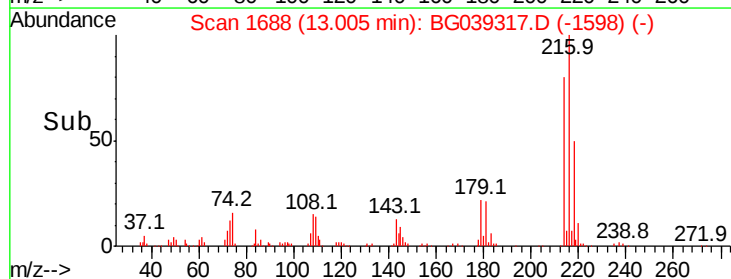
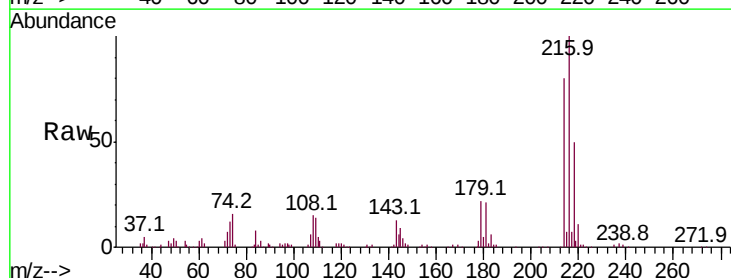
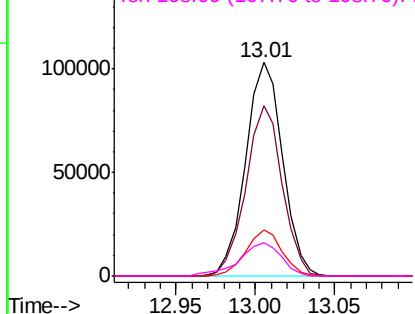
Abundance

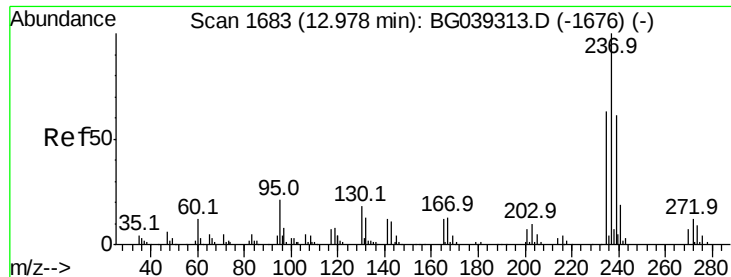
Ion 216.00 (215.70 to 216.70): E

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: 39.212 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

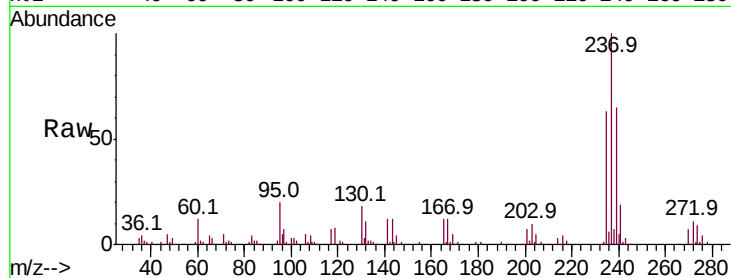
ClientSampleId :

ICVBG012919

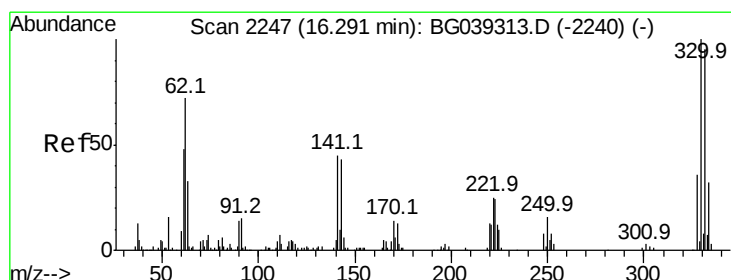
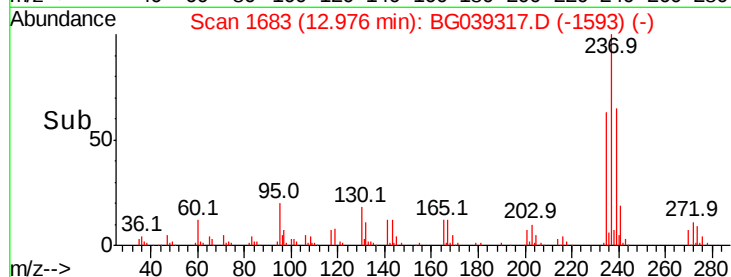
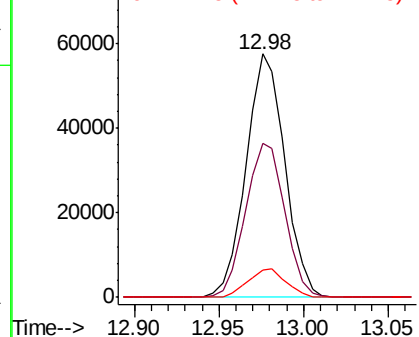
Tot Ion:	237	Resp:	91506
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.3	83.3
272	11.1	0.0	32.3

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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: 82.567 ng

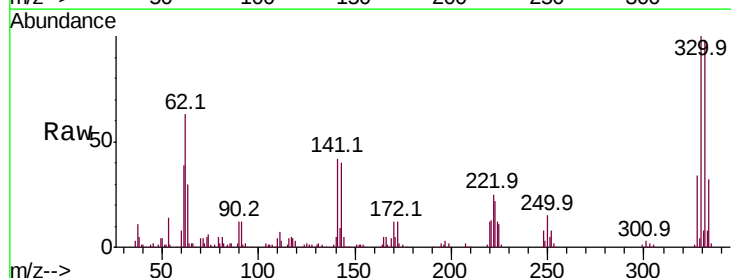
RT: 16.29 min Scan# 2248

Delta R.T. 0.00 min

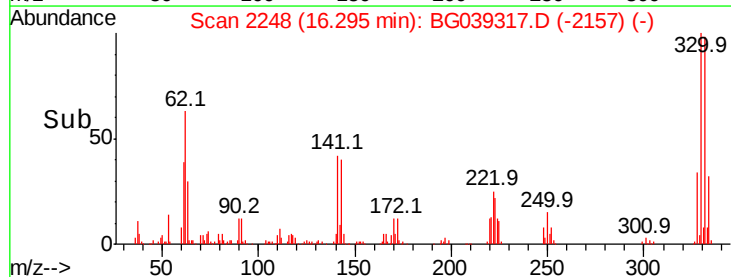
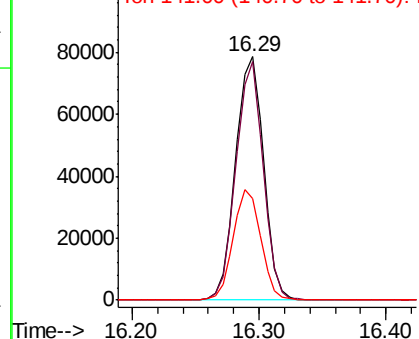
Lab File: BG039317.D

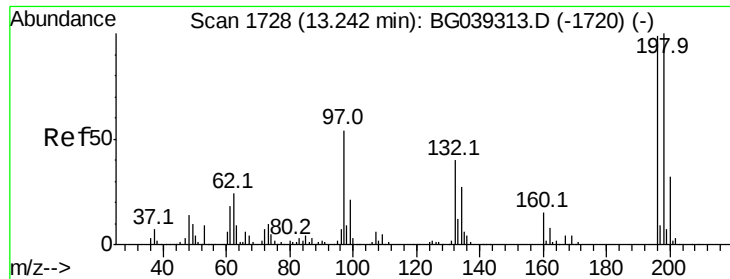
Acq: 29 Jan 2019 15:04

Tgt Ion:	330	Resp:	119672
Ion Ratio	Lower	Upper	
330	100		
332	94.9	75.7	113.5
141	44.8	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





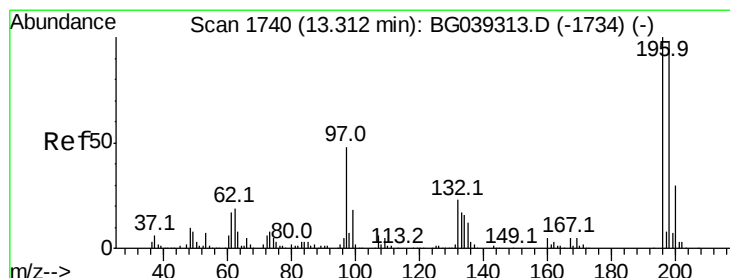
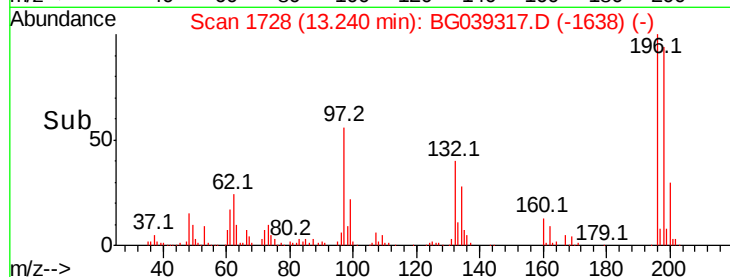
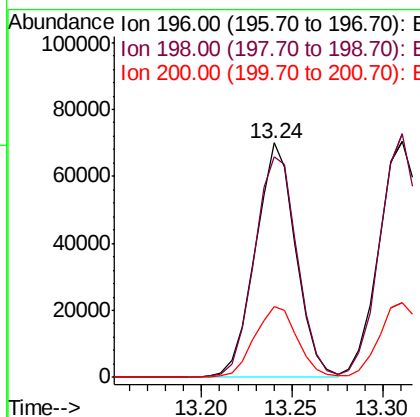
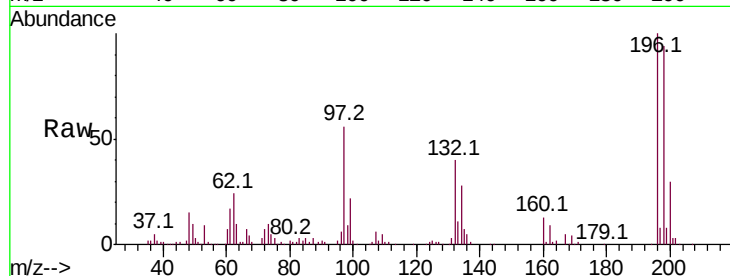
#43
 2,4,6-Trichlorophenol
 Concen: 41.461 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG012919

Tot Ion	Ratio	Resp	Lower	Upper
196	100	109171		
198	94.0	80.6	121.0	
200	30.2	26.1	39.1	

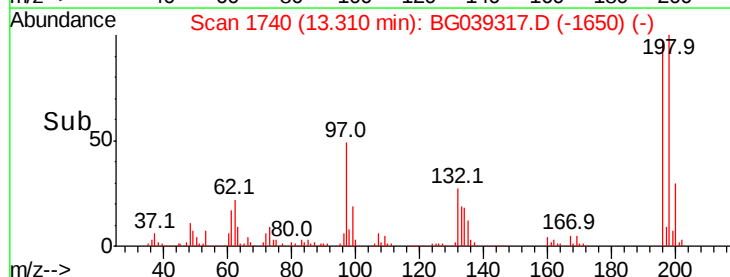
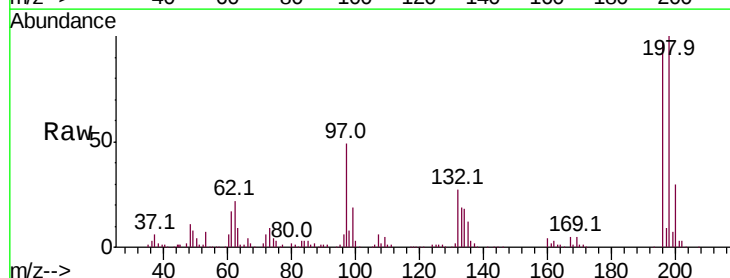
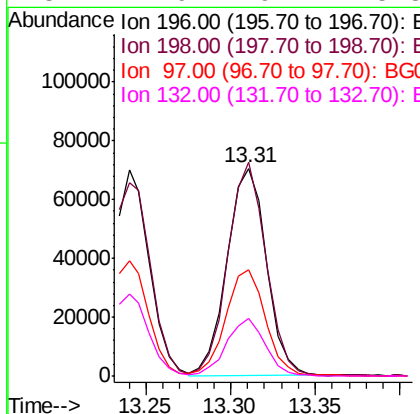
Manual Integrations
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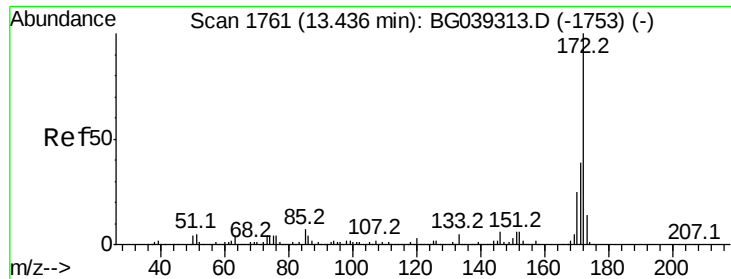
mohammad
 1/30/2019 11:09:36 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.436 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114351		
198	103.0	78.5	117.7	
97	51.0	38.4	57.6	
132	27.9	19.2	28.8	





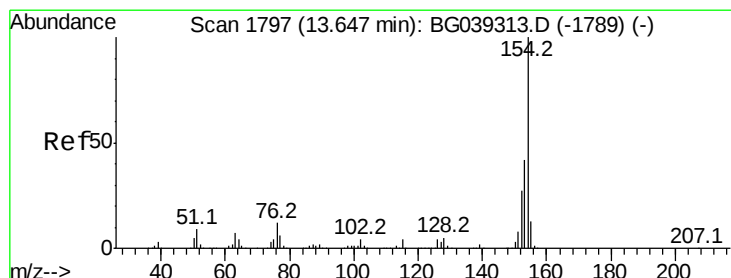
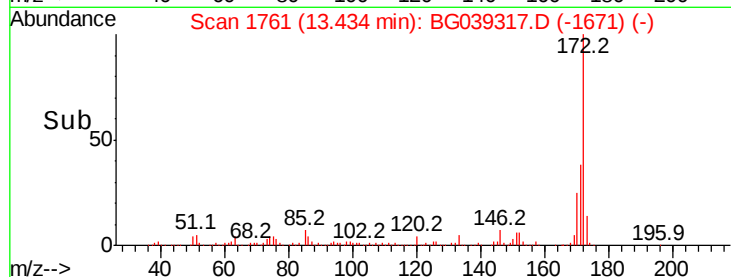
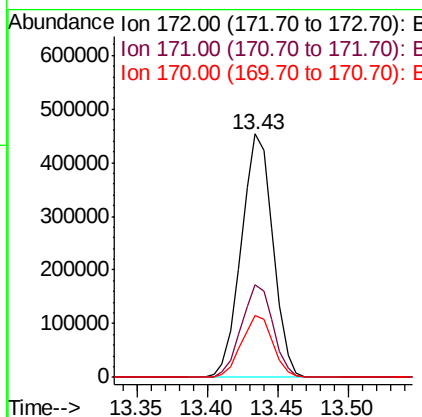
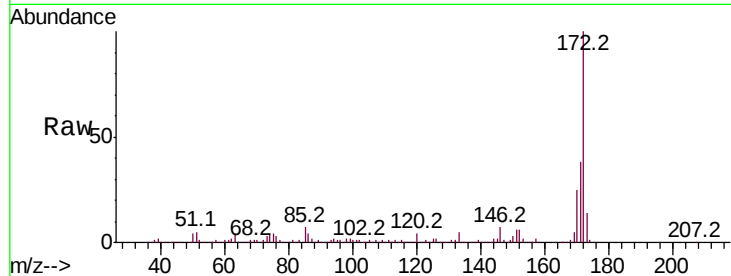
#45
2-Fluorobiphenyl
Concen: 75.662 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.2	20.2	30.4

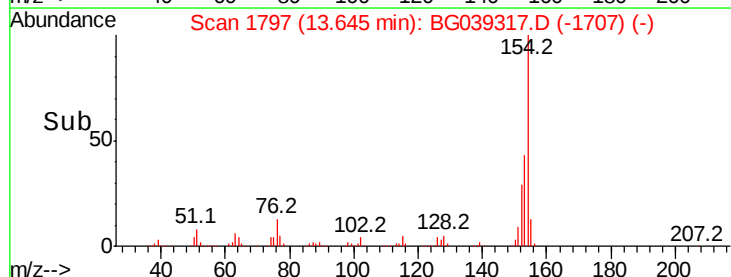
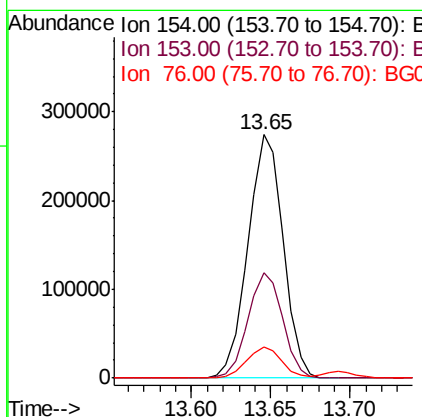
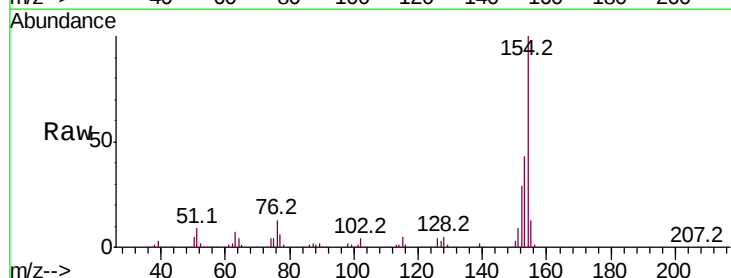
Manual Integrations
APPROVED

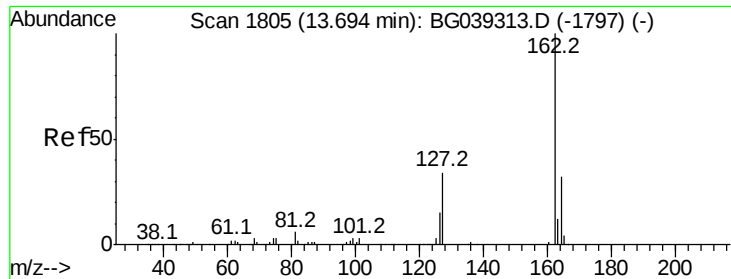
mohammad
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#46
1,1'-Biphenyl
Concen: 37.716 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.1	62.1
76	12.7	0.0	32.4





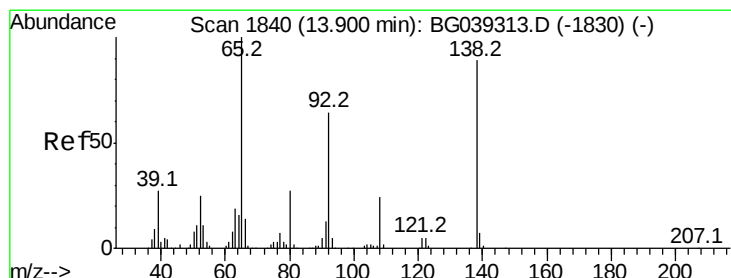
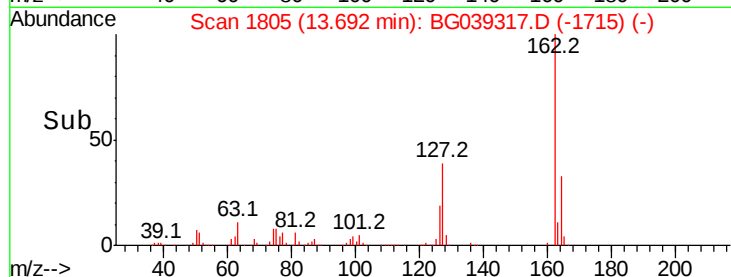
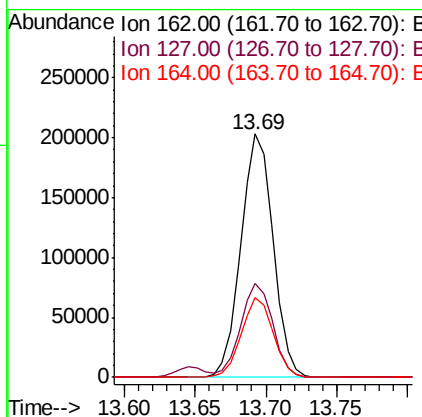
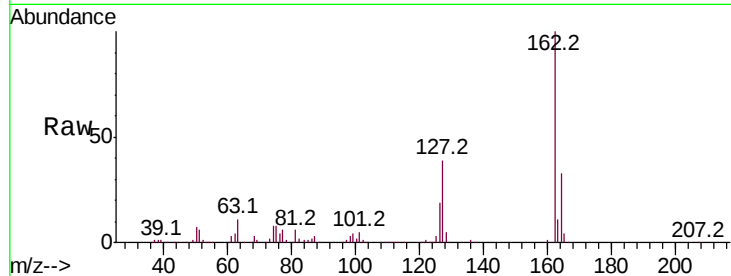
#47
 2-Chloronaphthalene
 Concen: 38.420 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampled :
 ICVBG012919

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.6
164	32.7	25.7	38.5

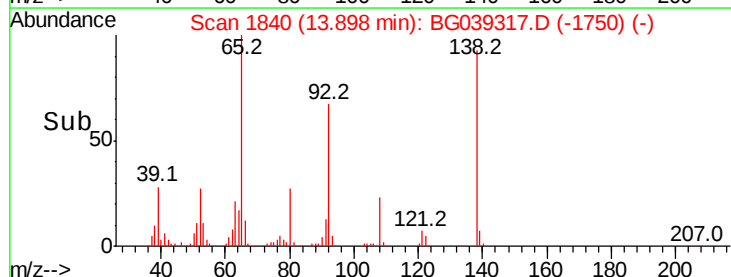
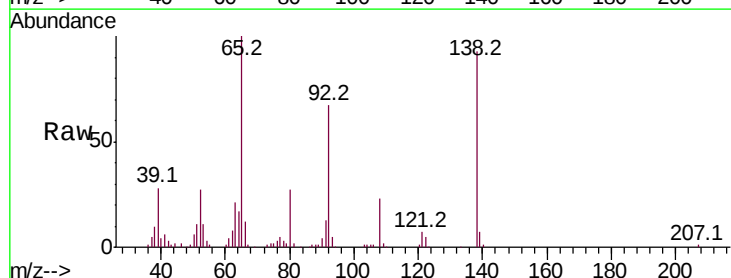
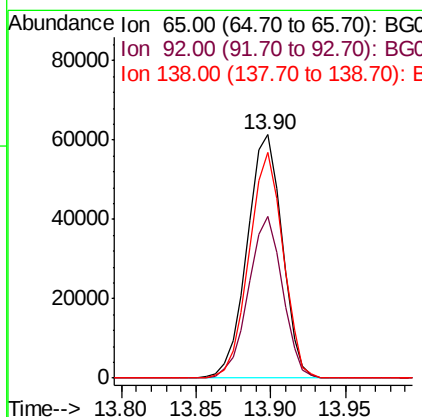
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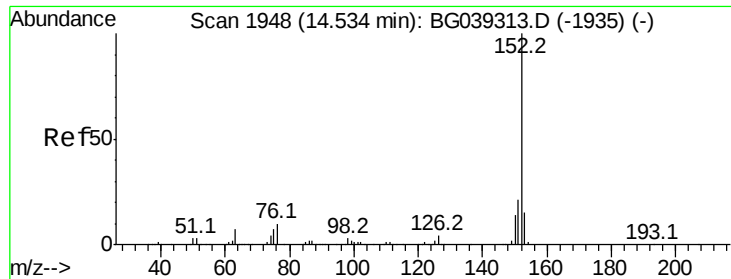
mohammad
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#48
 2-Nitroaniline
 Concen: 42.316 ng
 RT: 13.90 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	51.4	77.2
138	92.6	71.4	107.2





#49

Acenaphthylene

Concen: 38.775 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

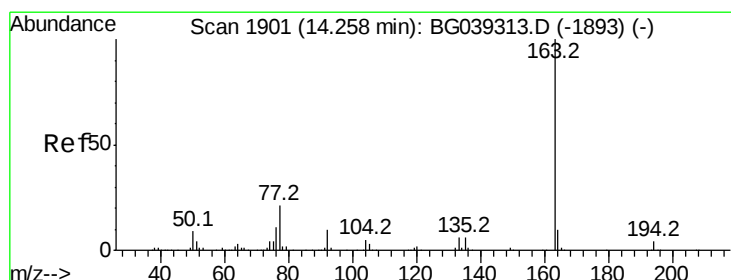
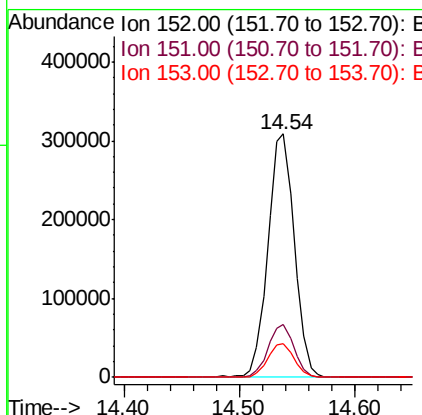
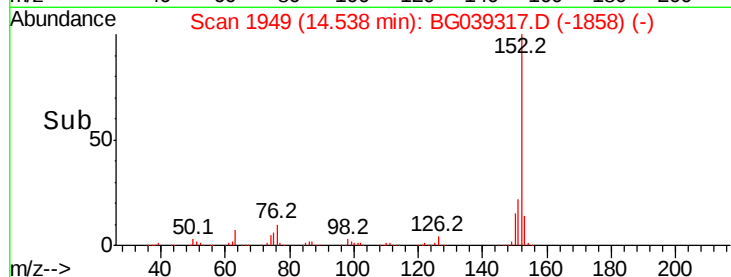
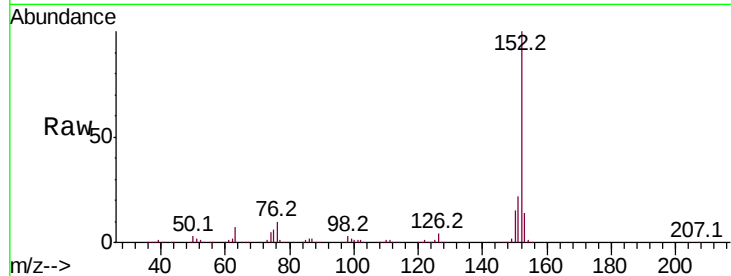
ClientSampleId :

ICVBG012919

Tot Ion:	152	Resp:	492909
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.8	25.2
153	14.0	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.056 ng

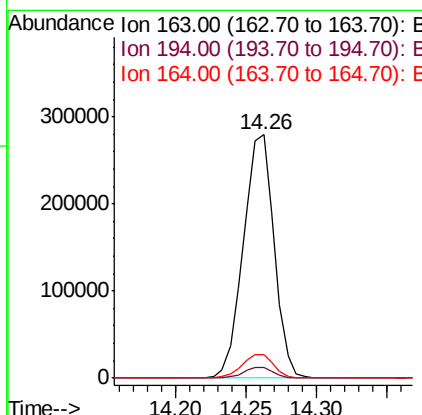
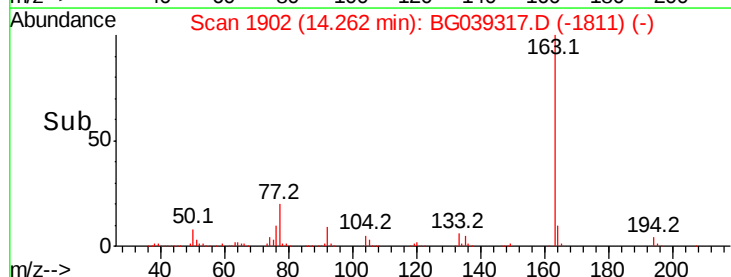
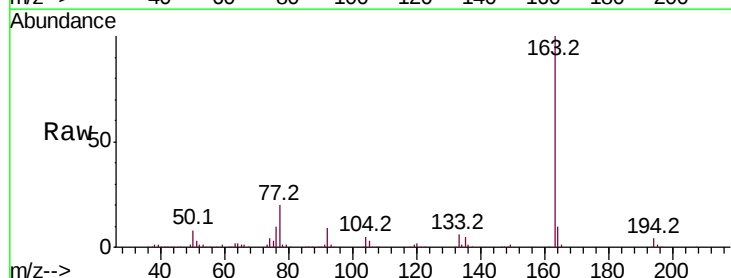
RT: 14.26 min Scan# 1902

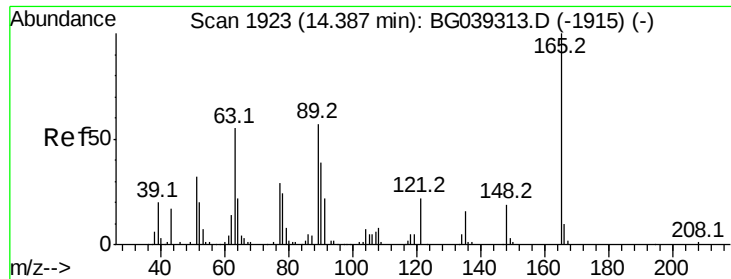
Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:	163	Resp:	424562
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	9.7	8.4	12.6





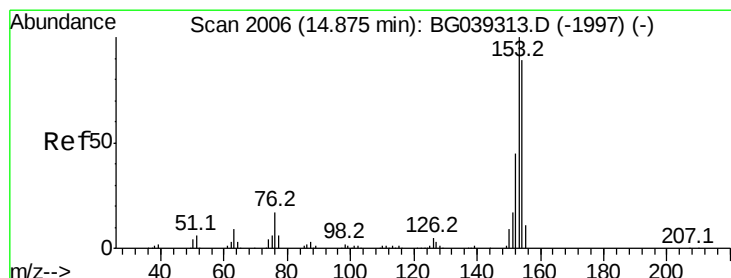
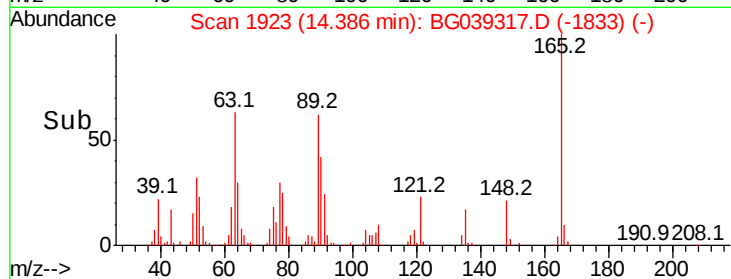
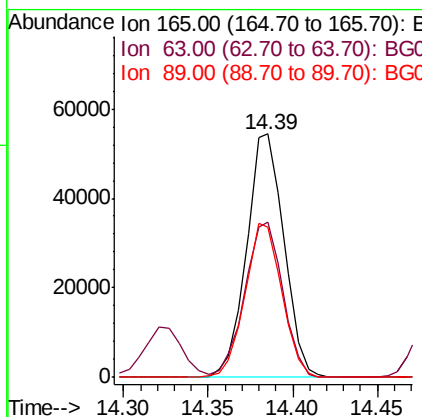
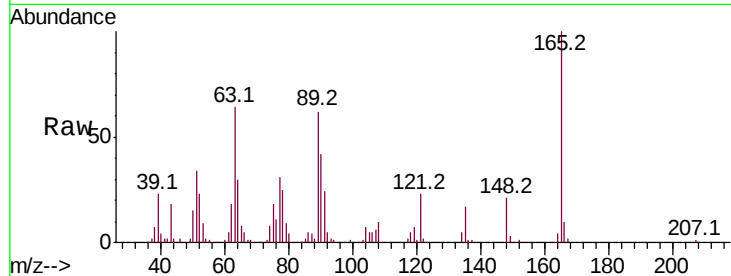
#51
 2,6-Dinitrotoluene
 Concen: 41.953 ng
 RT: 14.39 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG012919

Tot Ion:	165	Resp:	83290
Ion Ratio	Lower	Upper	
165	100		
63	63.7	47.0	70.6
89	61.9	45.8	68.8

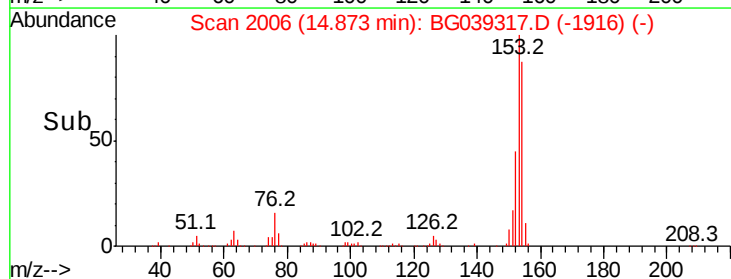
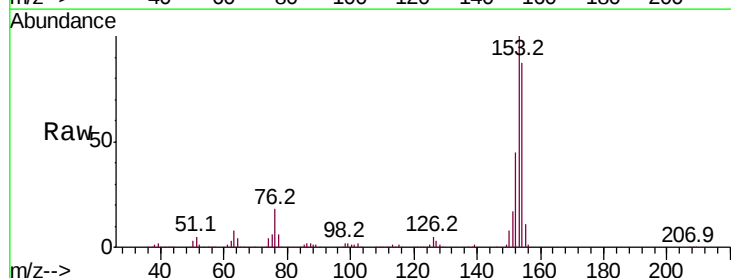
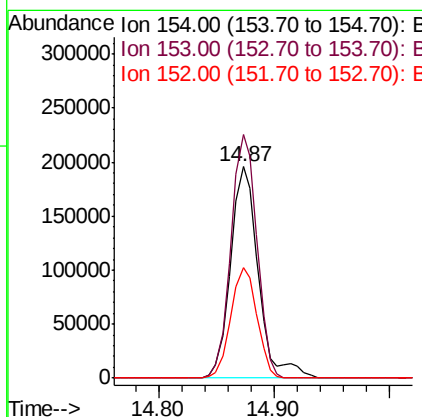
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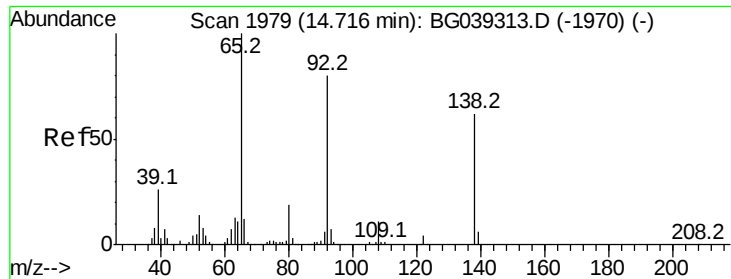
mohammad
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#52
 Acenaphthene
 Concen: 39.470 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Tgt Ion:	154	Resp:	325697
Ion Ratio	Lower	Upper	
154	100		
153	115.2	90.1	135.1
152	52.1	40.9	61.3





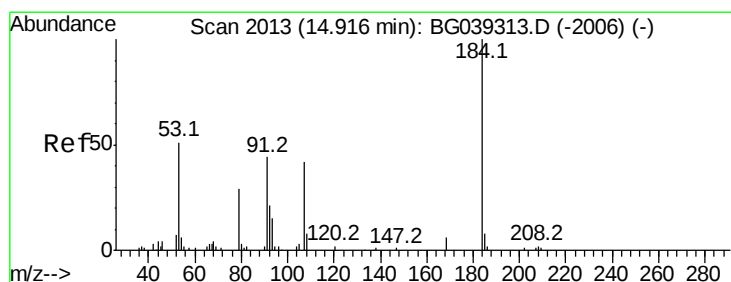
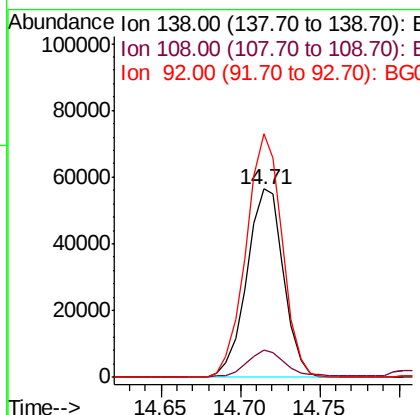
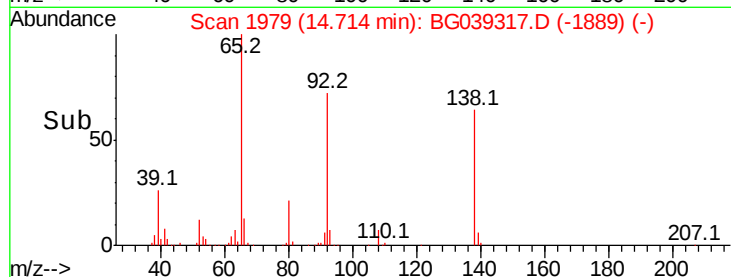
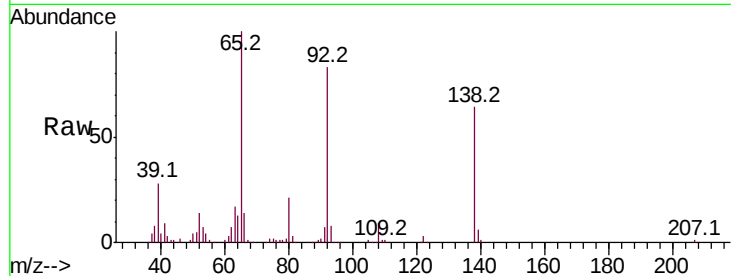
#53
3-Nitroaniline
Concen: 42.162 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.5	13.8	20.8
92	129.4	103.7	155.5

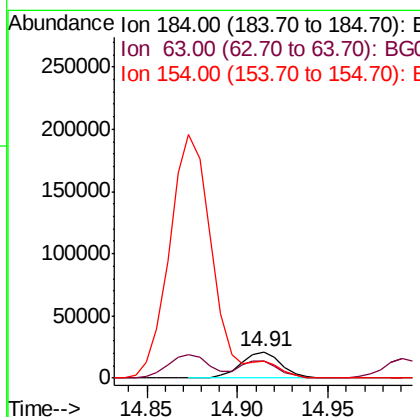
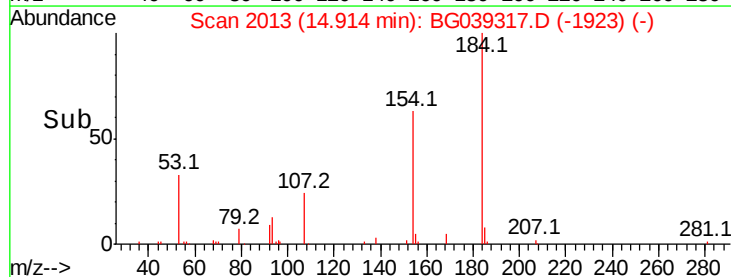
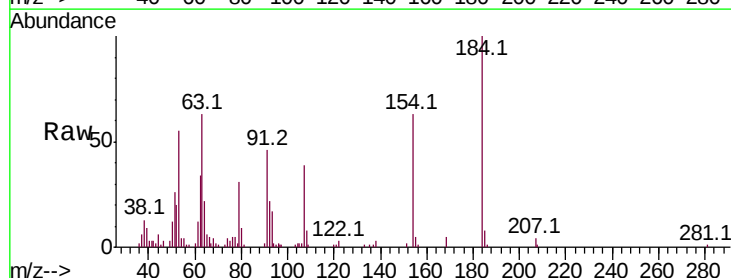
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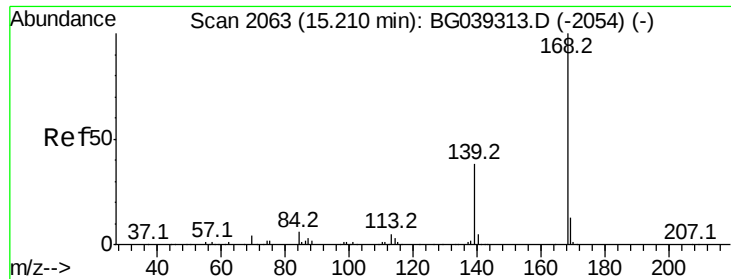
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#54
2,4-Dinitrophenol
Concen: 45.263 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.1	50.9	76.3
154	63.0	53.0	79.6





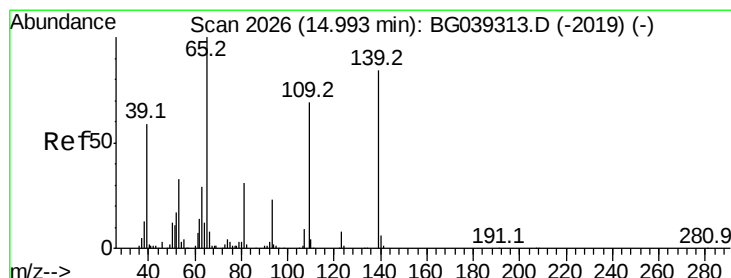
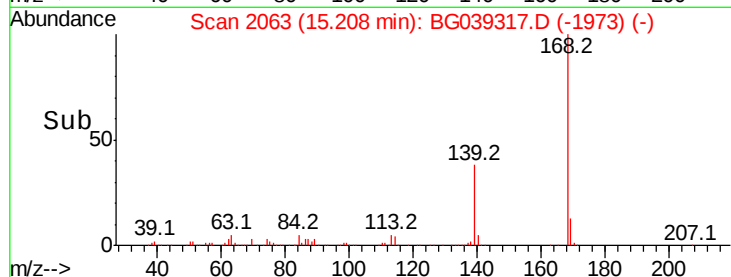
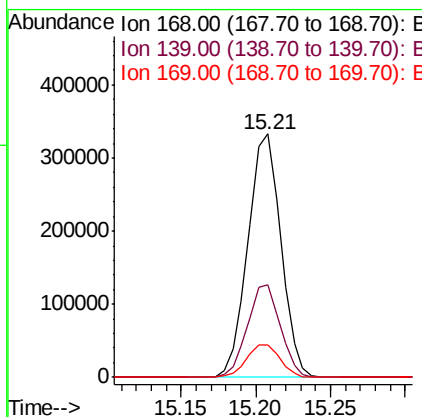
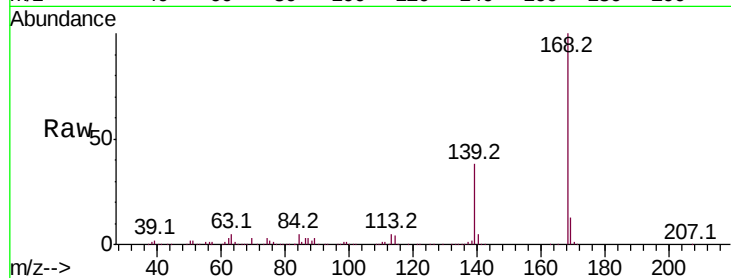
#55
Dibenzenofuran
Concen: 38.368 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	13.4	10.6	16.0

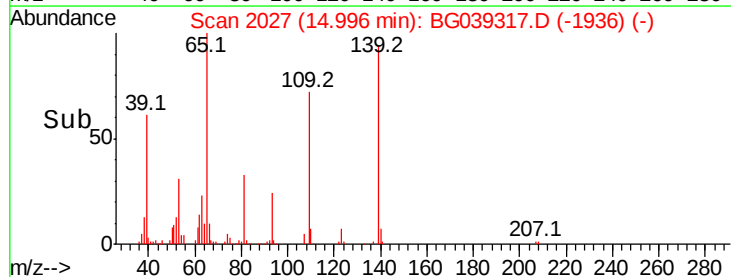
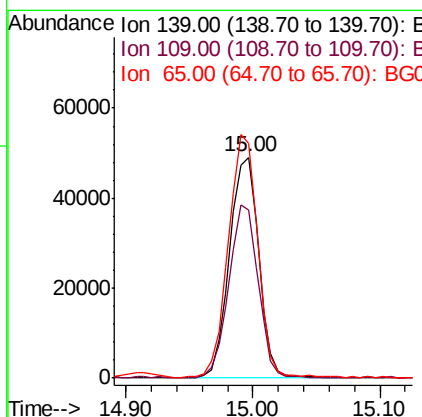
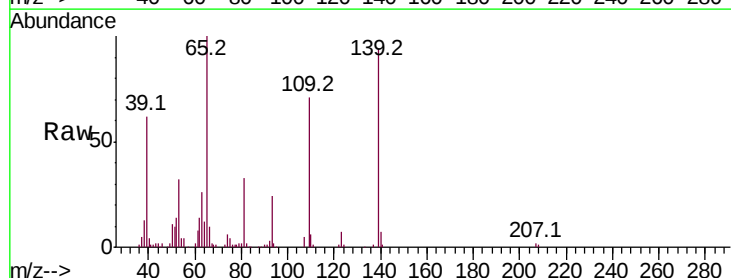
Manual Integrations
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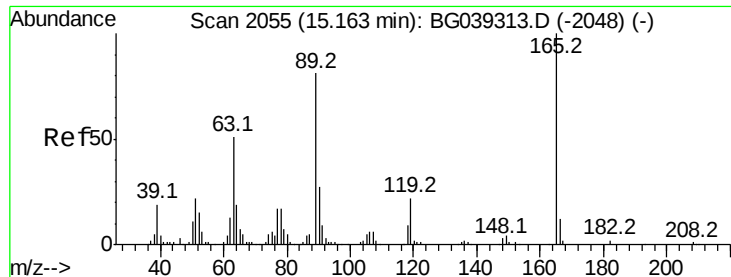
mohammad
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#56
4-Nitrophenol
Concen: 42.632 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.7	61.9	101.9
65	106.2	99.1	139.1





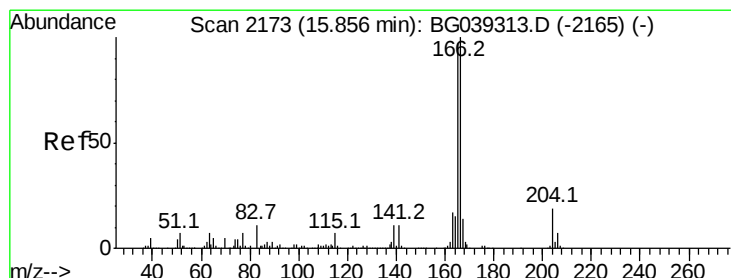
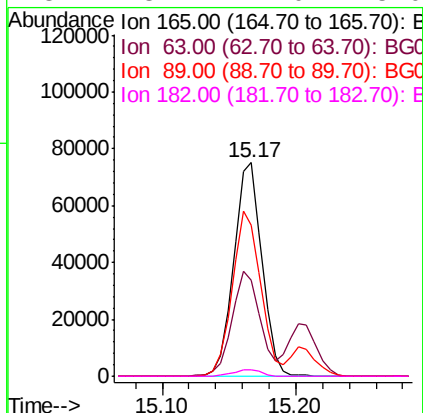
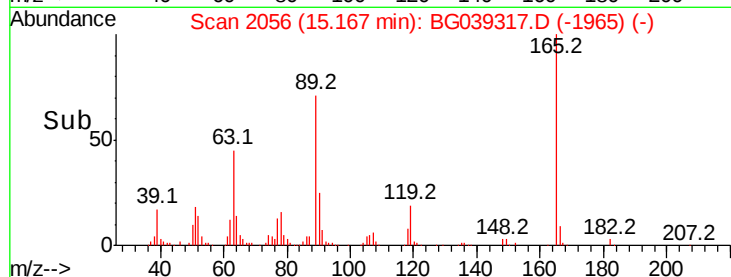
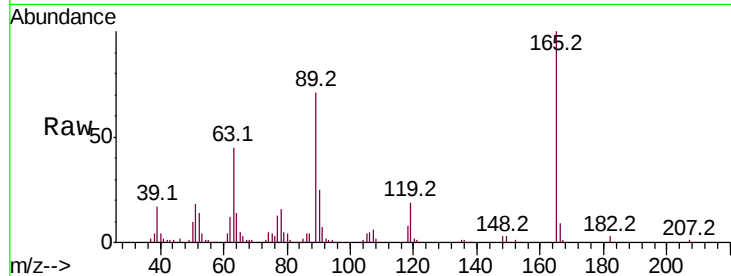
#57
2,4-Dinitrotoluene
Concen: 43.105 ng
RT: 15.17 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Resp	Lower	Upper
165	100	109697		
63	45.1	41.0	61.6	
89	70.6	64.6	96.8	
182	3.2	2.0	3.0	

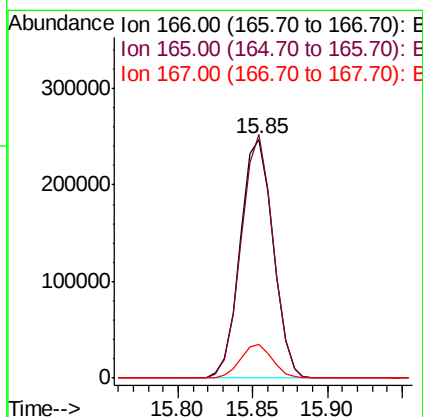
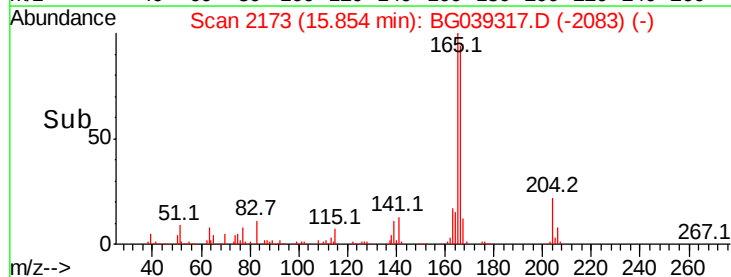
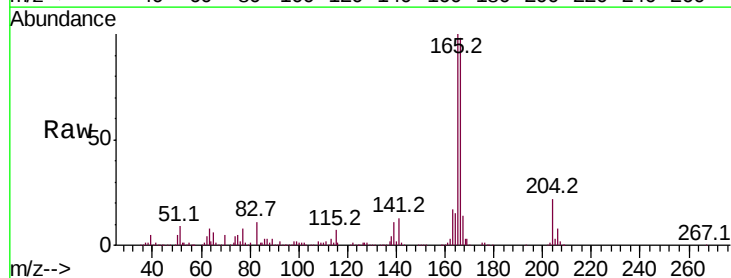
Manual Integrations
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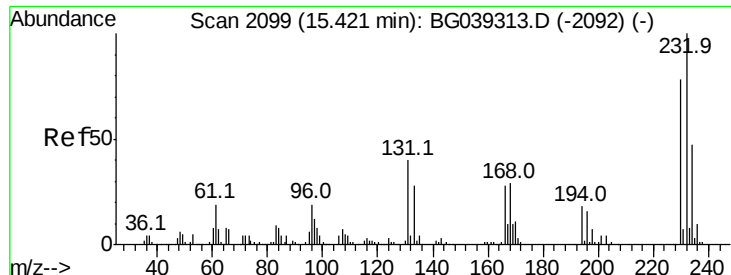
mohammad
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#58
Fluorene
Concen: 38.245 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	377195		
165	102.0	77.9	116.9	
167	14.0	10.8	16.2	





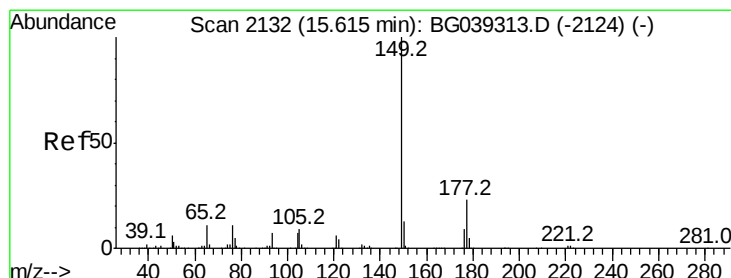
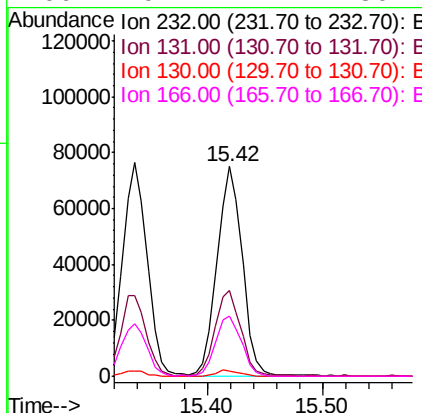
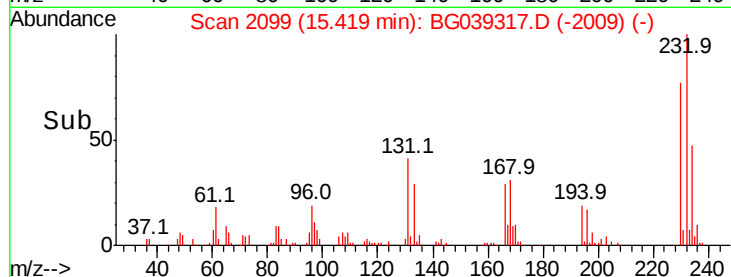
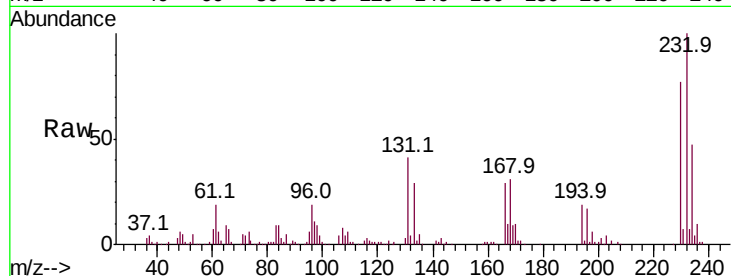
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.099 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG012919

Tot Ion:	232	Resp:	113951
Ion Ratio	Lower	Upper	
232	100		
131	41.6	34.9	52.3
130	2.7	2.0	3.0
166	29.2	24.1	36.1

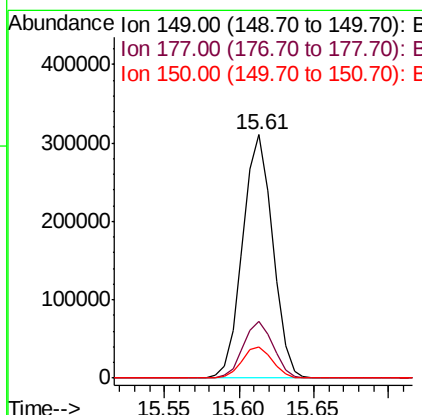
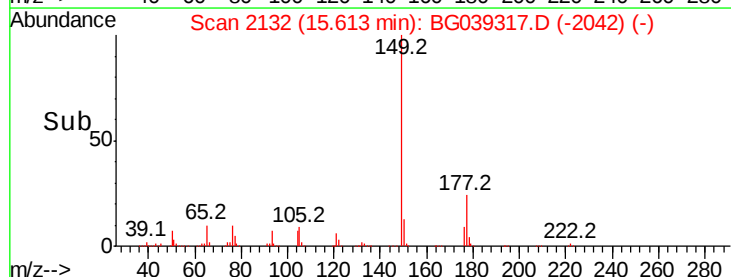
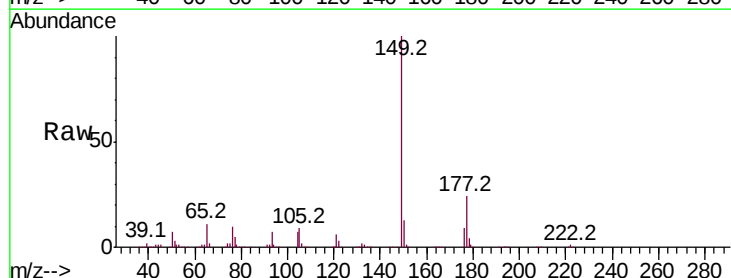
Manual Integrations
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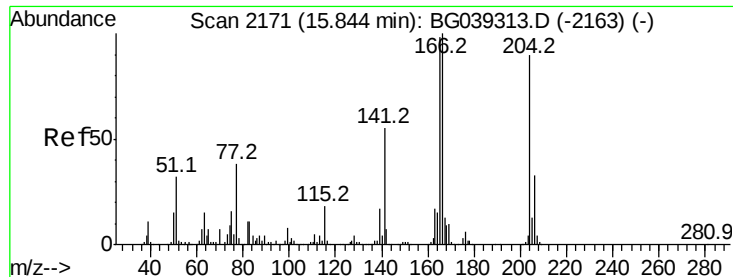
mohammad
 1/30/2019 11:09:36 AM



#60
 Diethylphthalate
 Concen: 38.508 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Tgt Ion:	149	Resp:	432815
Ion Ratio	Lower	Upper	
149	100		
177	23.5	18.3	27.5
150	12.6	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 38.277 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

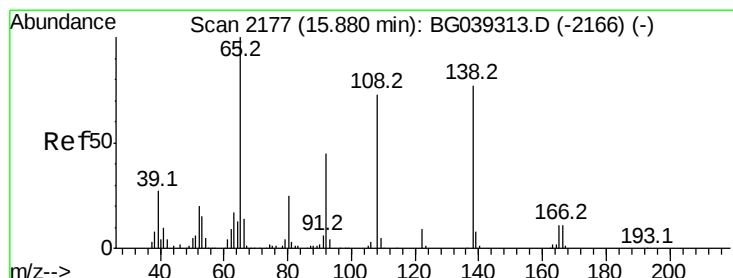
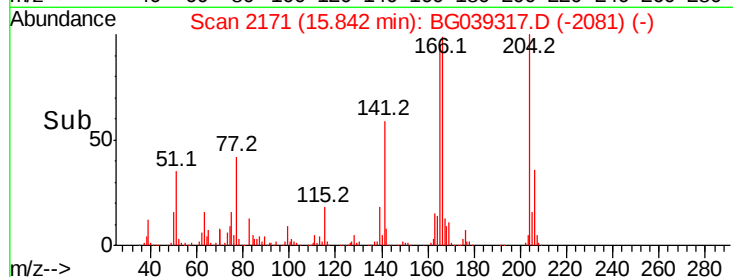
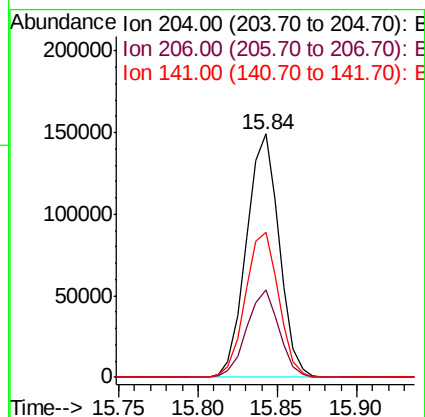
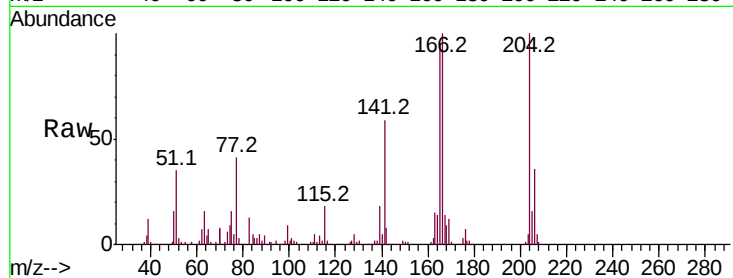
ClientSampleId :

ICVBG012919

Tot Ion:	204	Resp:	213757
Ion Ratio	Lower	Upper	
204	100		
206	35.7	29.2	43.8
141	59.4	49.0	73.4

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#62

4-Nitroaniline

Concen: 41.551 ng

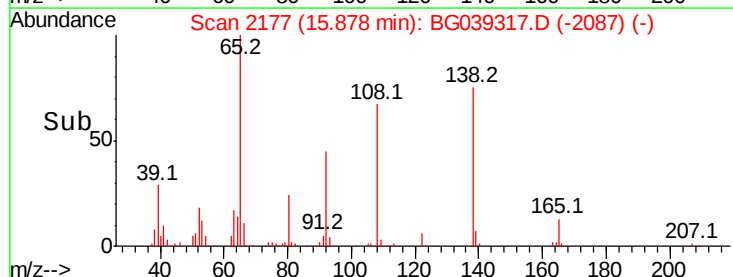
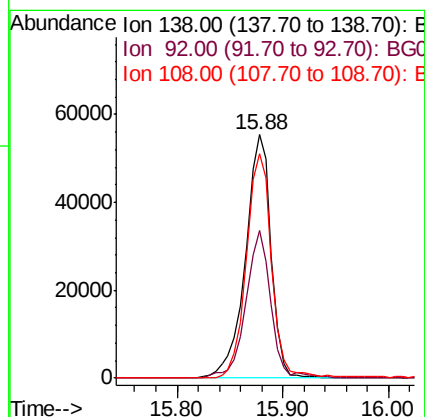
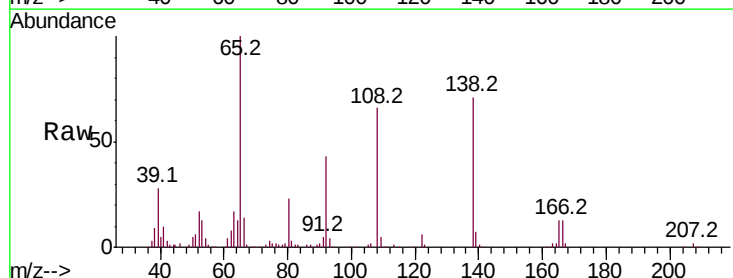
RT: 15.88 min Scan# 2177

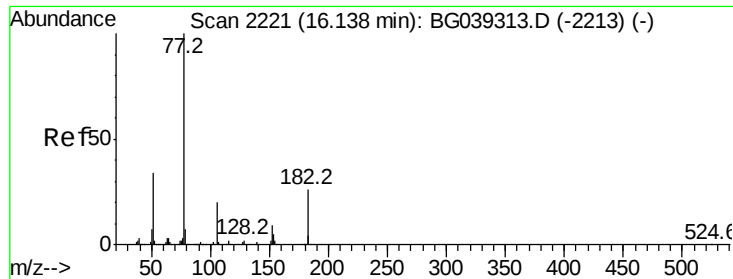
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:	138	Resp:	93308
Ion Ratio	Lower	Upper	
138	100		
92	60.4	38.7	78.7
108	92.0	74.6	114.6





#63

Azobenzene

Concen: 38.101 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

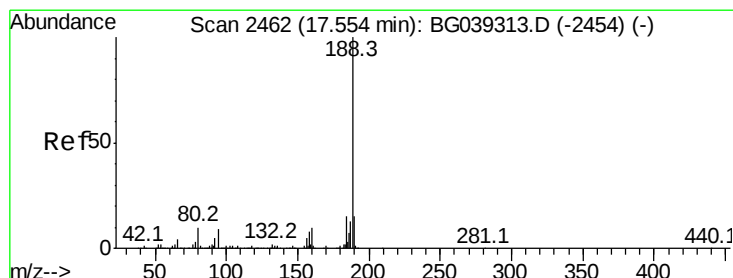
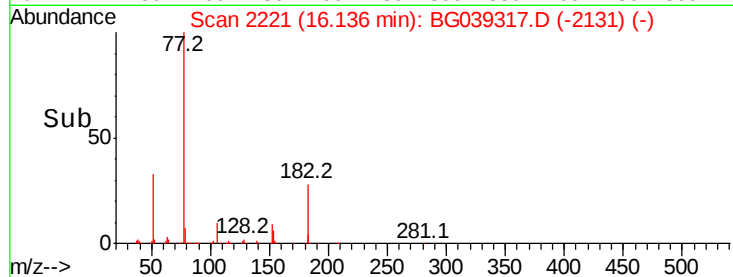
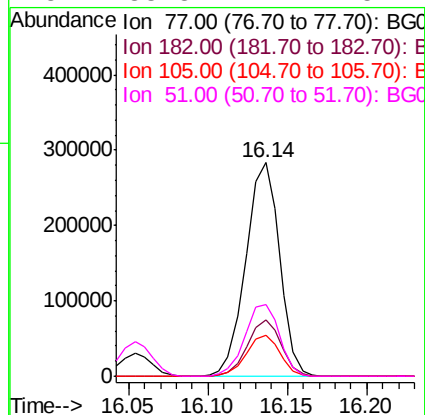
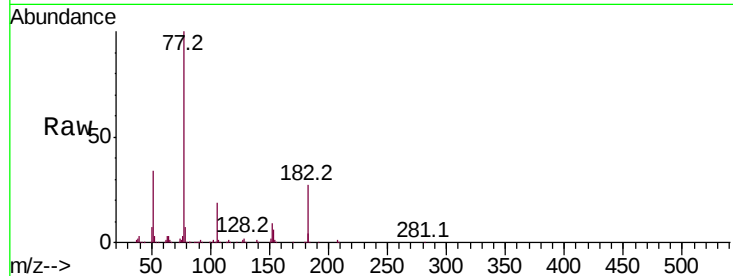
ClientSampleId :

ICVBG012919

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.5	6.4	46.4	
105	19.1	0.0	39.8	
51	33.8	14.1	54.1	

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#64

Phenanthrene-d10

Concen: 20.000 ng

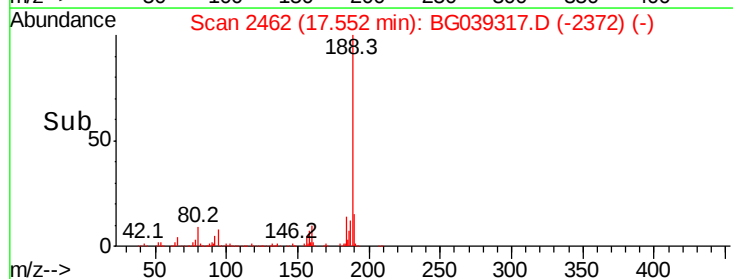
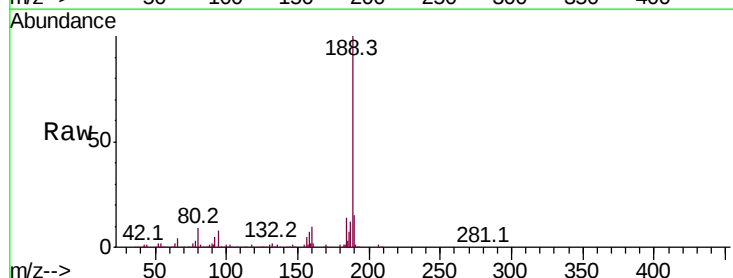
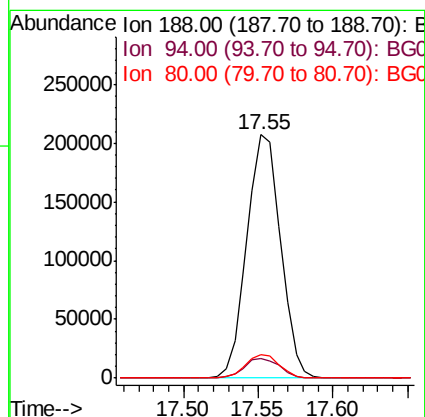
RT: 17.55 min Scan# 2462

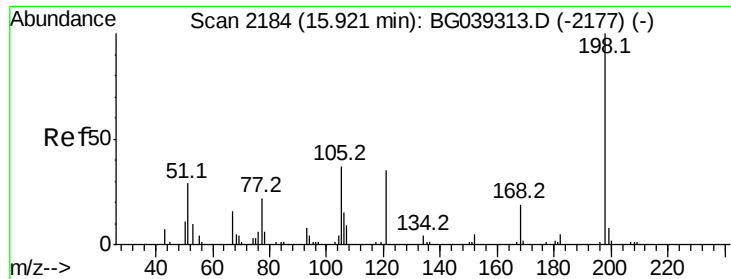
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	6.9	10.3	
80	9.4	8.1	12.1	





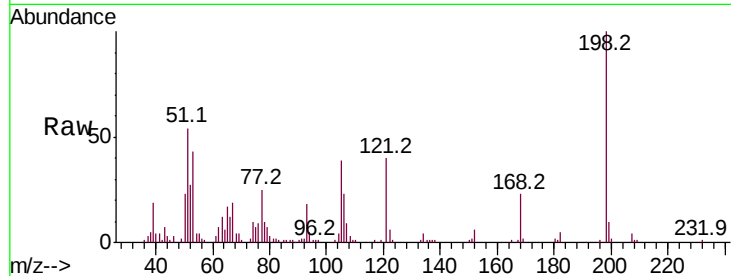
#65
4,6-Dinitro-2-methylphenol
Concen: 45.118 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
198	100		
51	53.5	27.4	67.4
105	39.5	19.7	59.7

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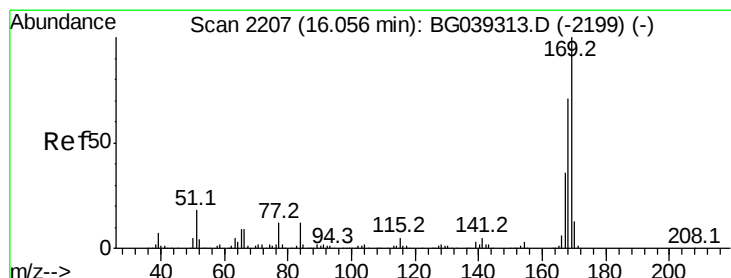
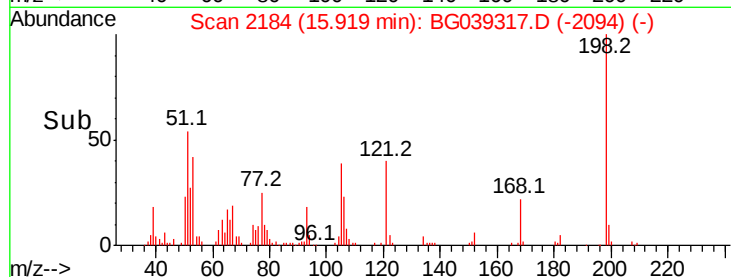
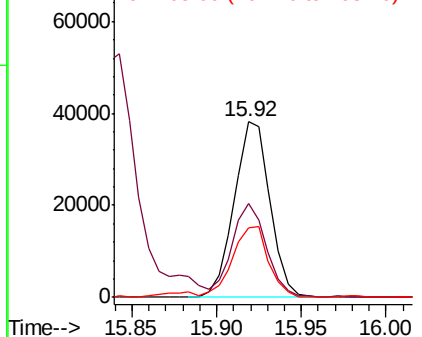


Abundance

Ion 198.00 (197.70 to 198.70): E

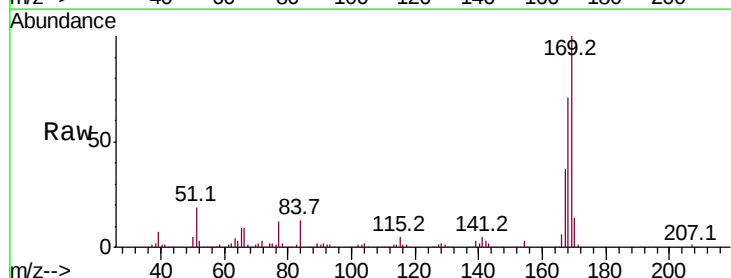
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.160 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.1	56.6	85.0
167	36.7	28.8	43.2

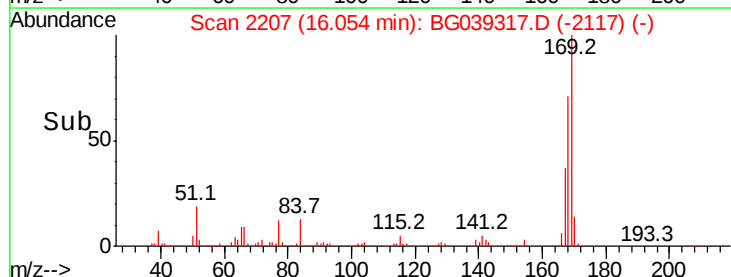
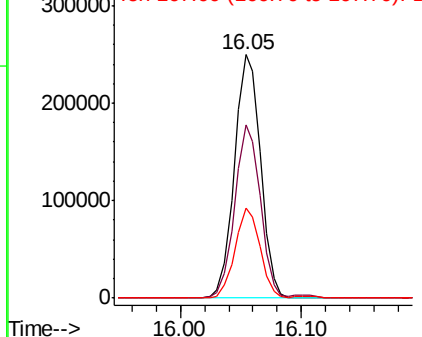


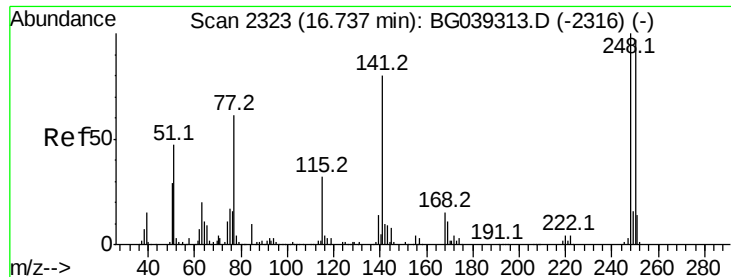
Abundance

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





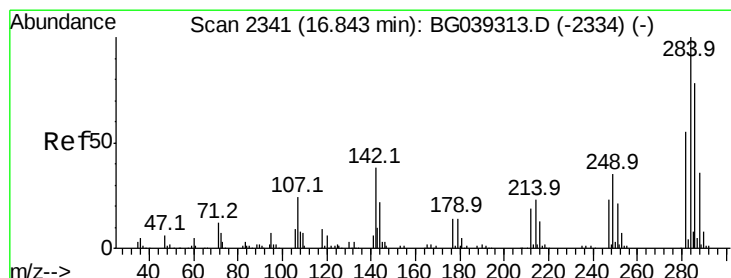
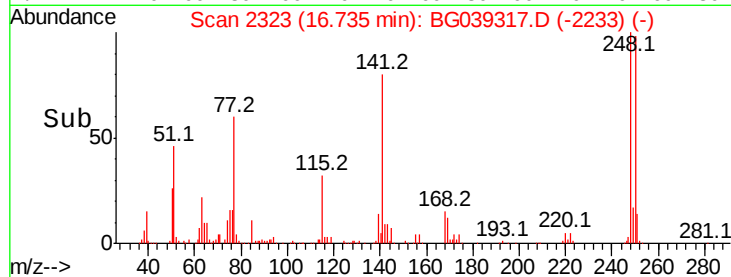
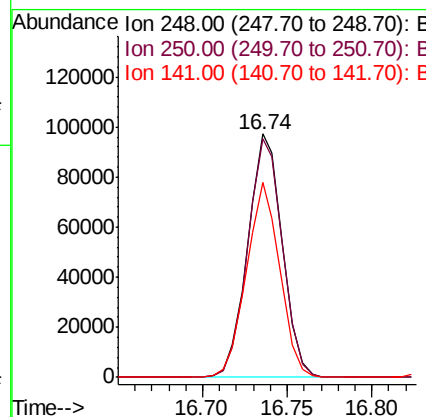
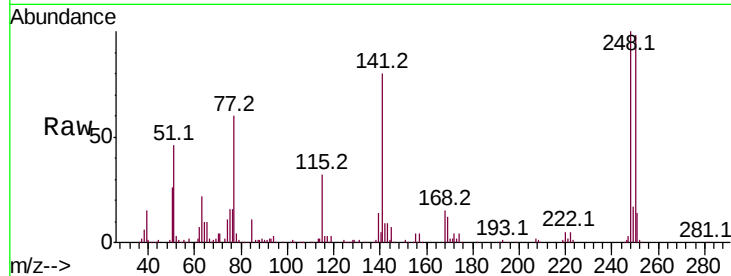
#67
4-Bromophenyl-phenylether
Concen: 38.408 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.6	116.4
141	80.2	63.9	95.9

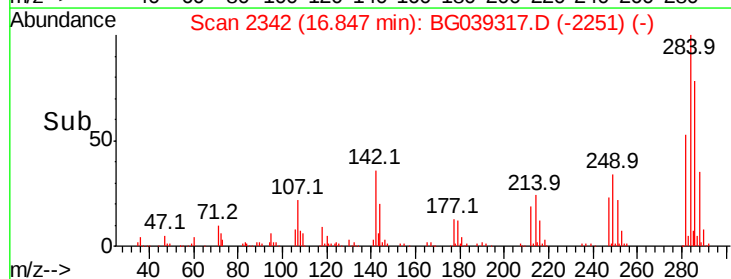
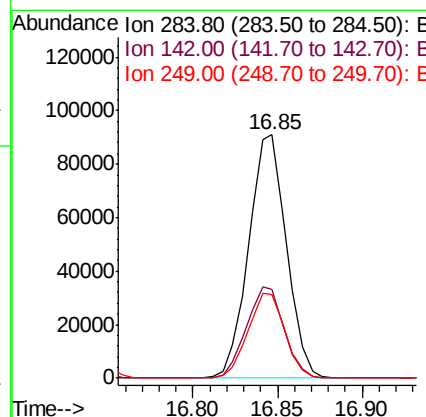
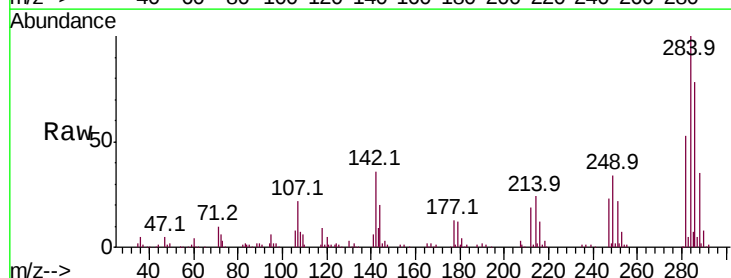
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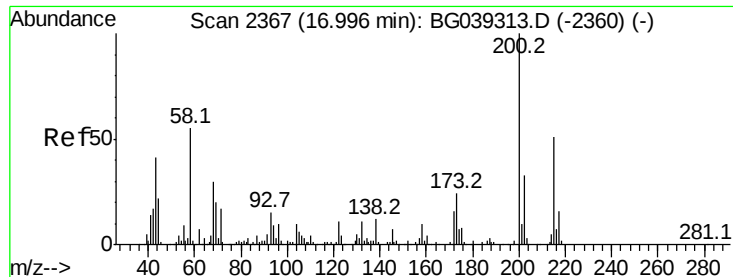
mohammad
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#68
Hexachlorobenzene
Concen: 39.002 ng
RT: 16.85 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	30.6	45.8
249	34.5	28.2	42.2





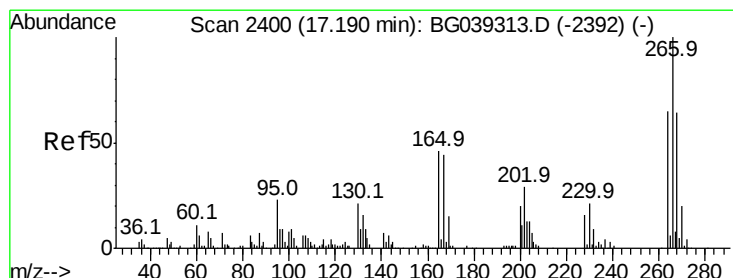
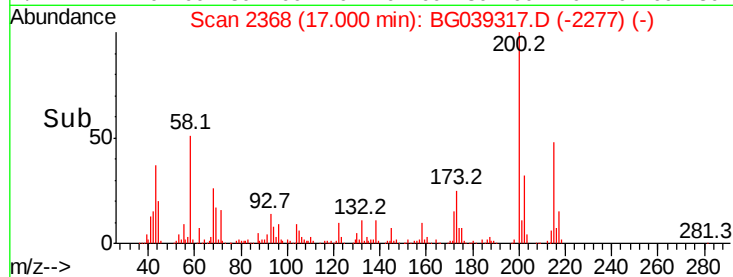
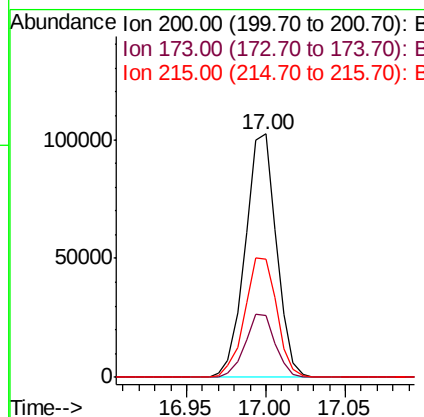
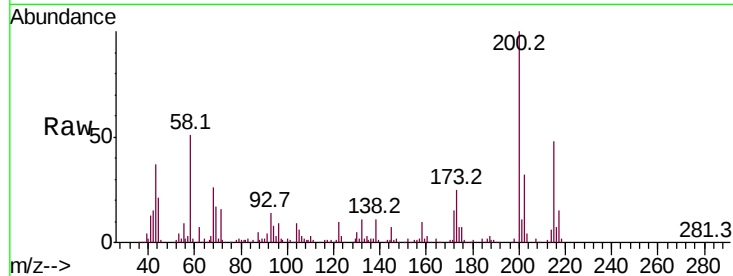
#69
Atrazine
Concen: 38.802 ng
RT: 17.00 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampled :
ICVBG012919

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.4	3.9	43.9
215	48.3	30.9	70.9

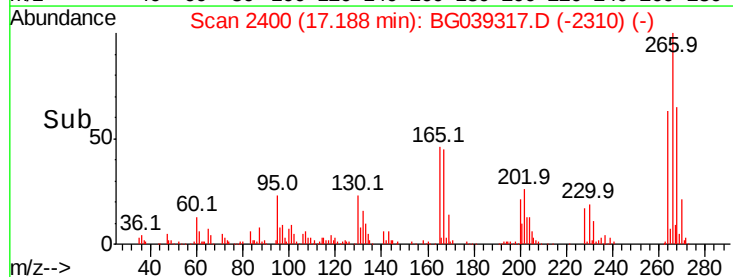
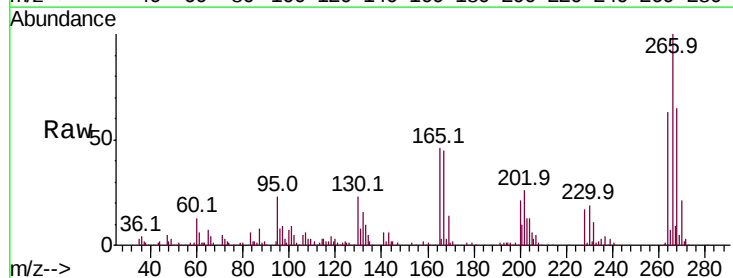
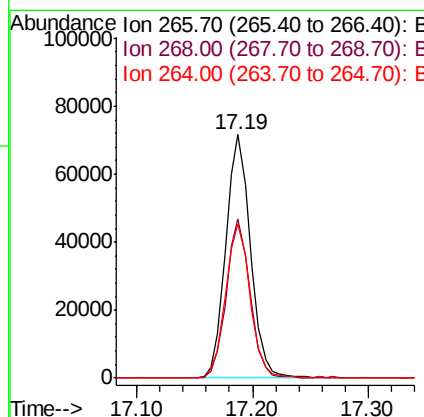
Manual Integrations
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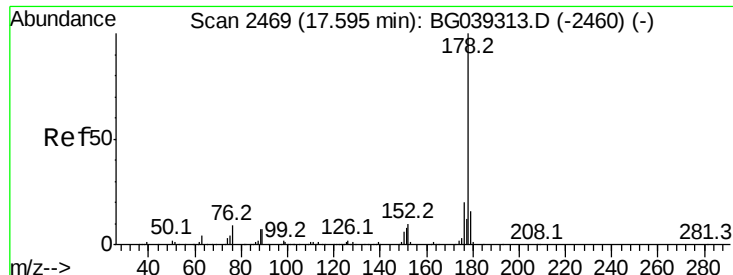
mohammad
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#70
Pentachlorophenol
Concen: 42.426 ng
RT: 17.19 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.3	51.1	76.7
264	63.4	52.1	78.1





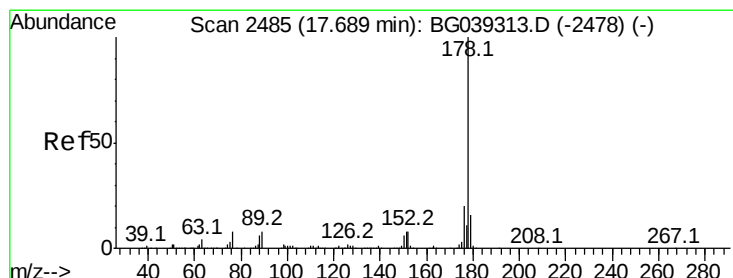
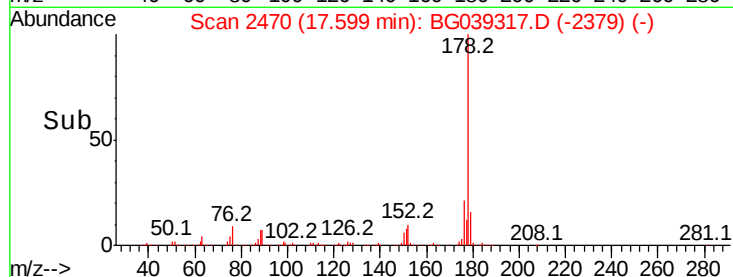
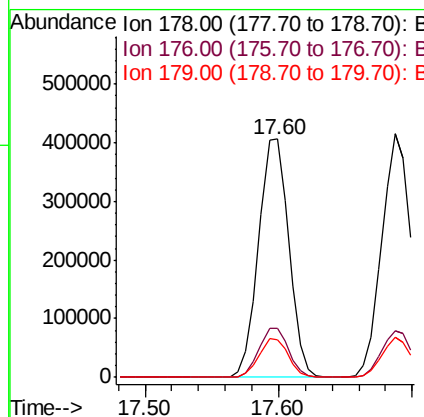
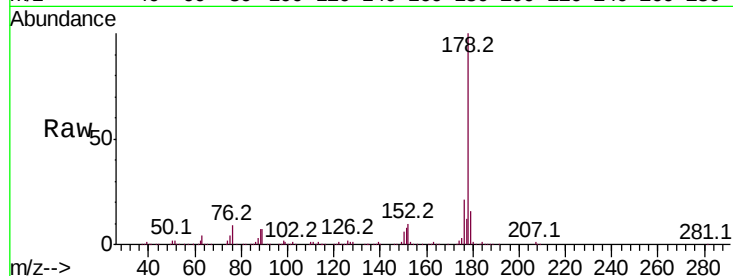
#71
Phenanthrene
Concen: 37.956 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	15.8	12.6	19.0

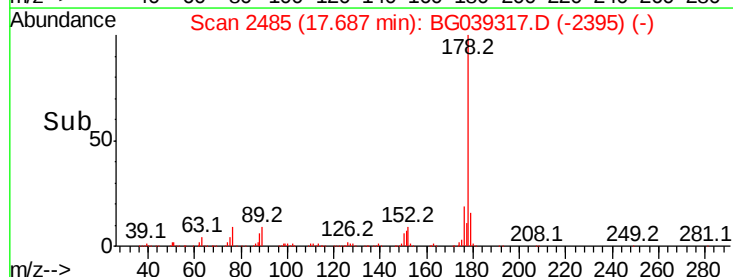
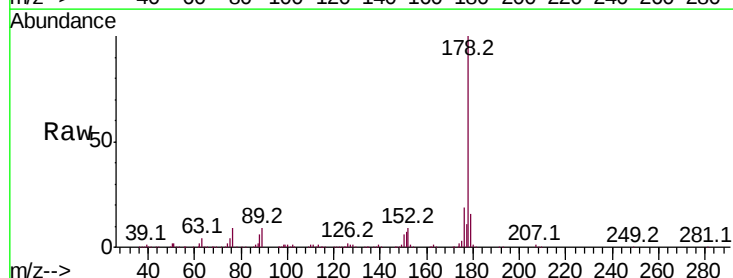
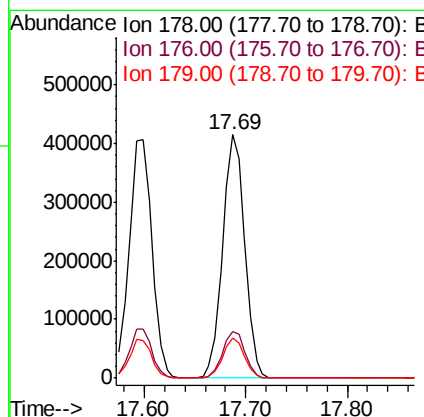
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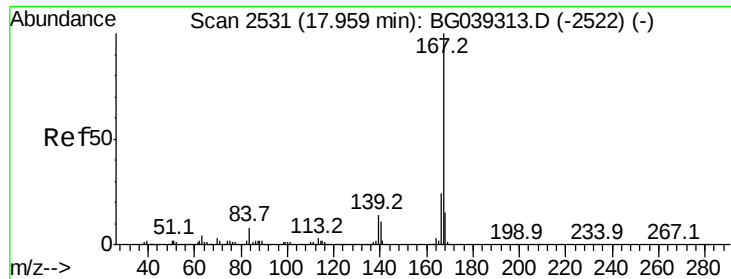
mohammad
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#72
Anthracene
Concen: 37.956 ng
RT: 17.69 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	16.2	12.5	18.7





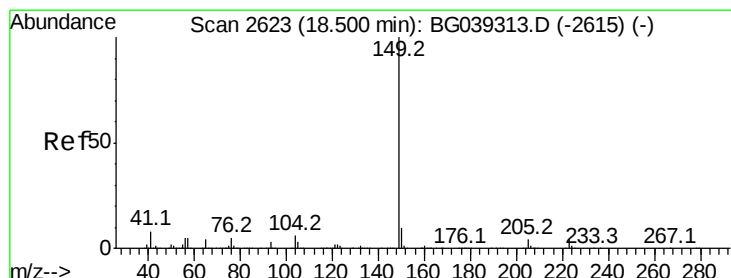
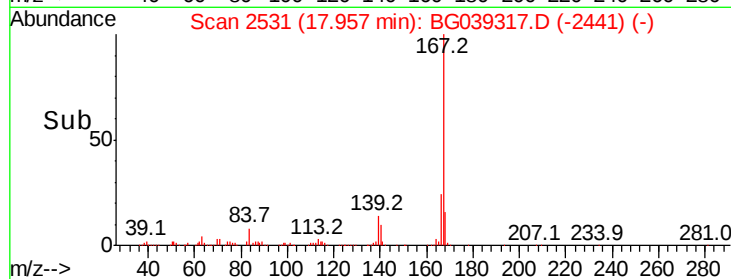
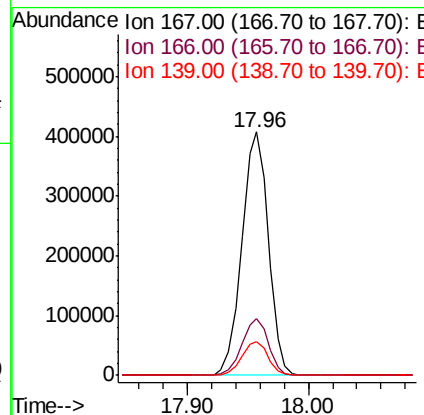
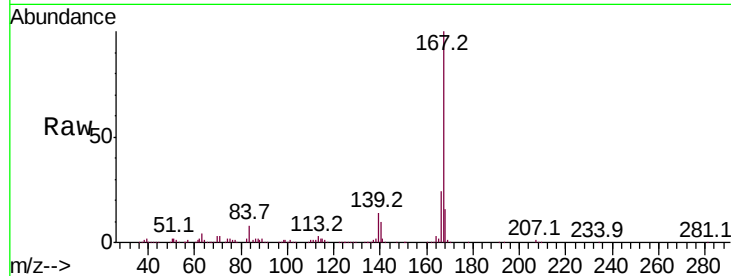
#73
 Carbazole
 Concen: 37.881 ng
 RT: 17.96 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG012919

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	13.9	10.8	16.2

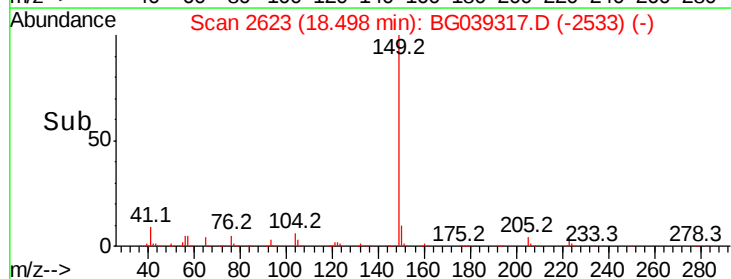
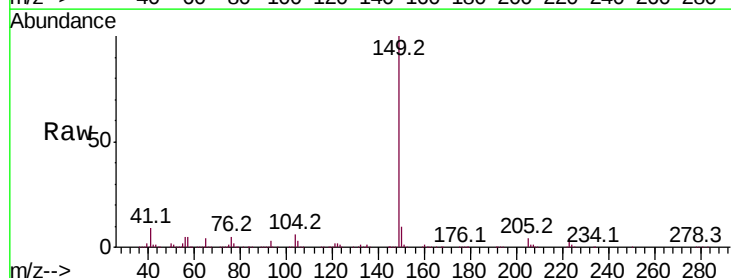
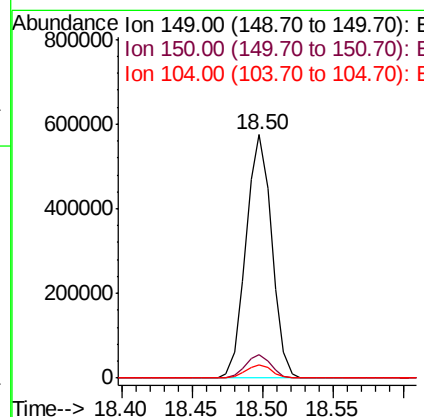
Manual Integrations
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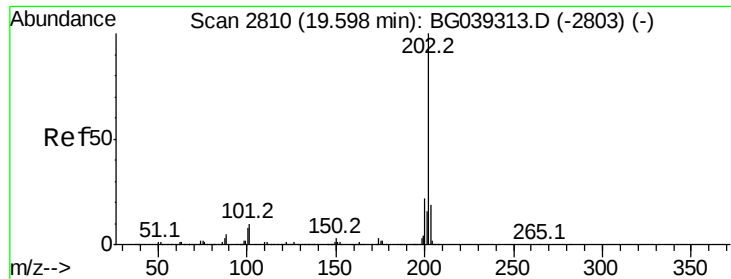
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.084 ng
 RT: 18.50 min Scan# 2623
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 36.994 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

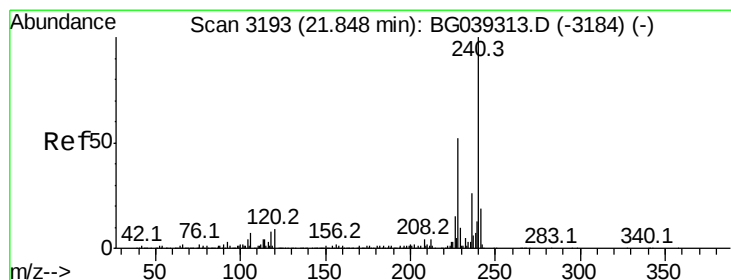
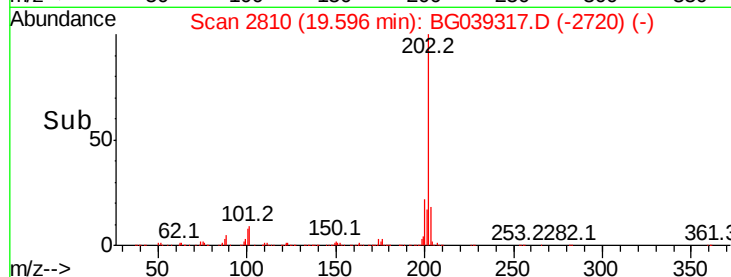
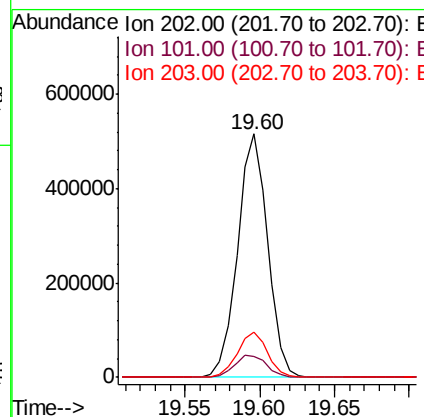
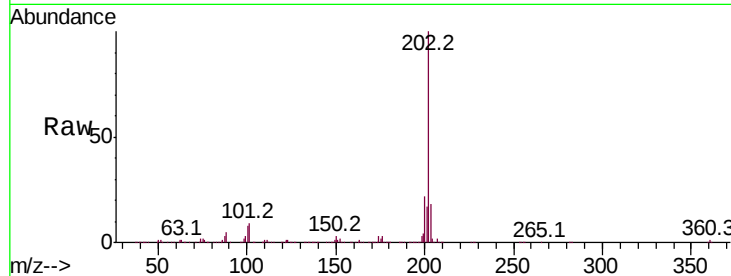
ClientSampleId :

ICVBG012919

Tot Ion	Ratio	Resp	Lower	Upper
202	100	718989		
101	8.8	0.0	30.0	
203	18.4	0.0	38.9	

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#76

Chrysene-d12

Concen: 20.000 ng

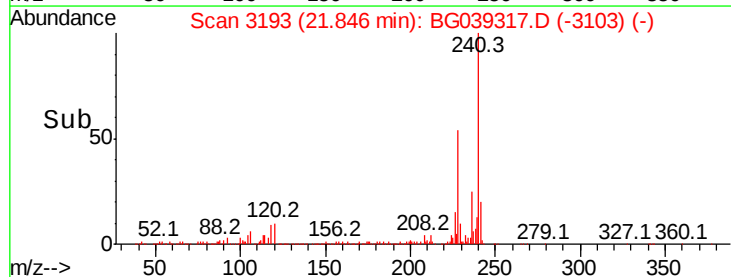
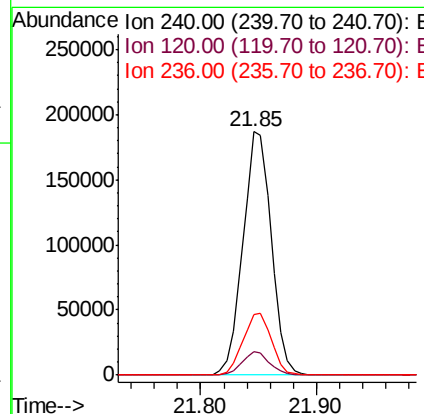
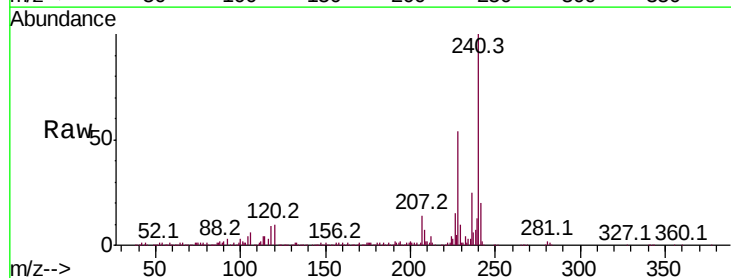
RT: 21.85 min Scan# 3193

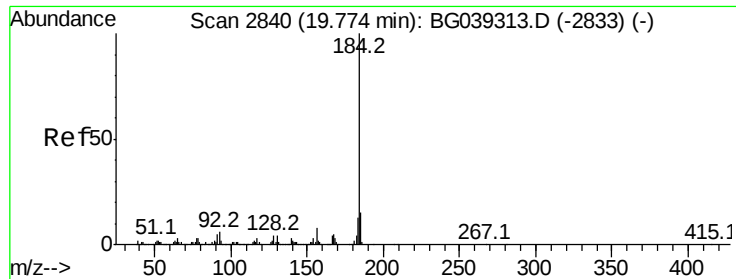
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	317926		
120	9.7	7.0	10.6	
236	24.8	21.0	31.4	





#77

Benzidine

Concen: 43.651 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

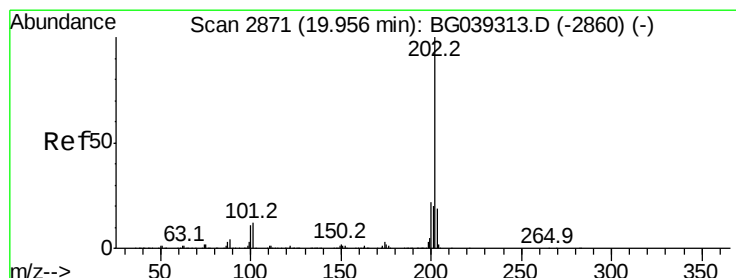
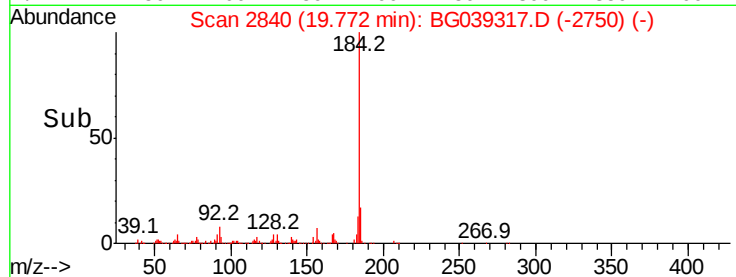
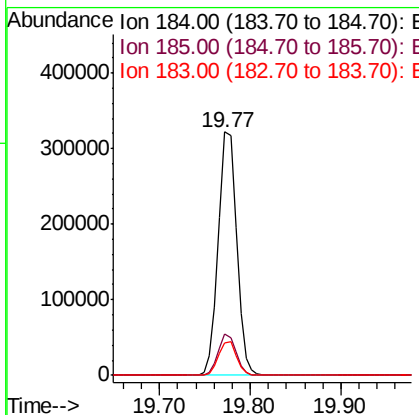
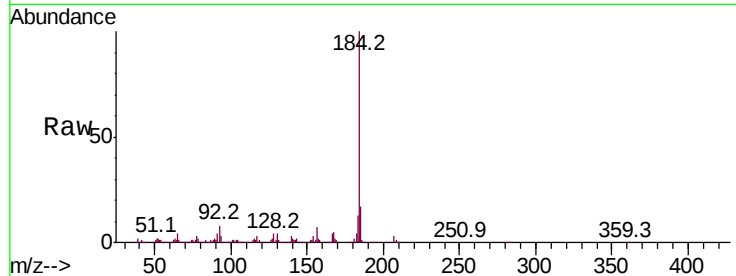
ClientSampleId :

ICVBG012919

Tot Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.2	18.2
183	13.2	10.6	15.8

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#78

Pyrene

Concen: 37.735 ng

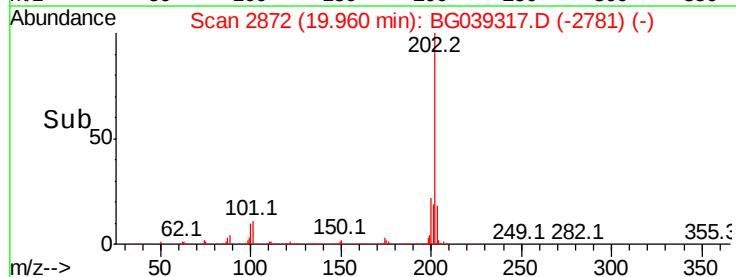
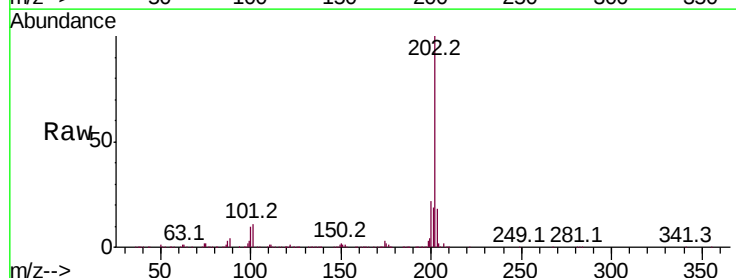
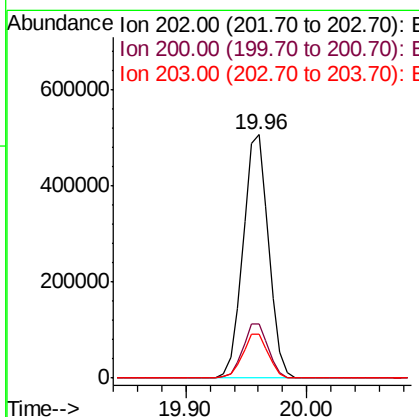
RT: 19.96 min Scan# 2872

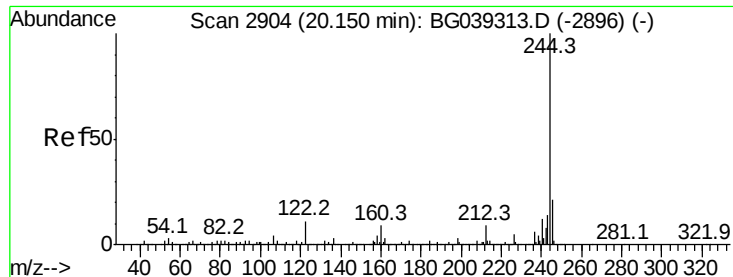
Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.8
203	18.2	15.3	22.9





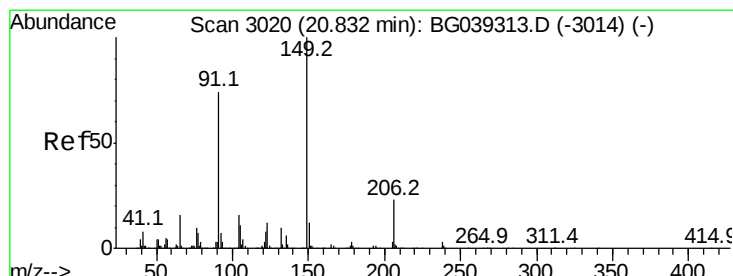
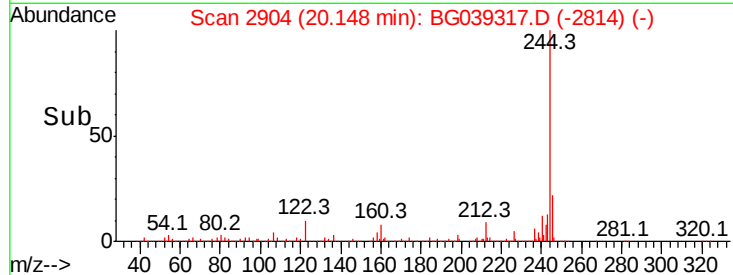
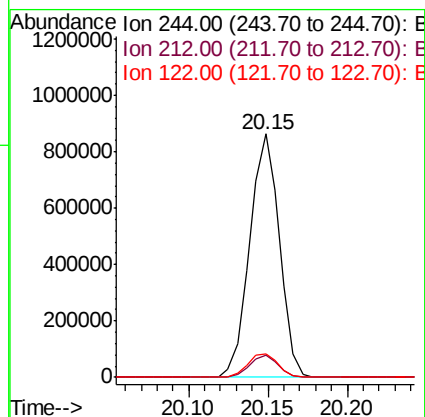
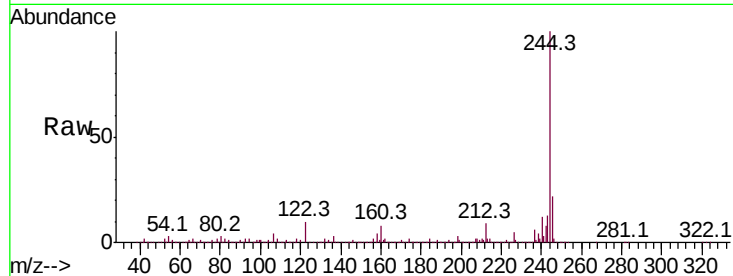
#79
 Terphenyl-d14
 Concen: 74.701 ng
 RT: 20.15 min Scan# 2904
 Delta R.T. -0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 ICBG012919

Tot Ion:244	Resp: 1122009
Ion Ratio	Lower Upper
244 100	
212 9.1	7.3 10.9
122 9.8	8.4 12.6

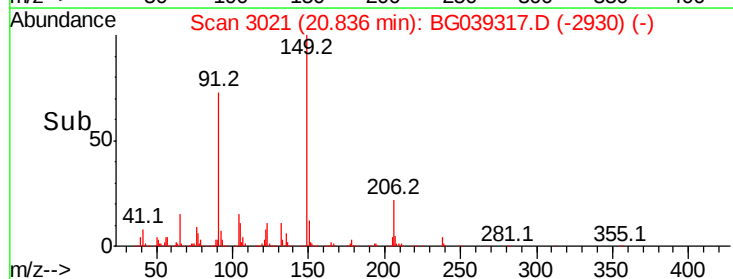
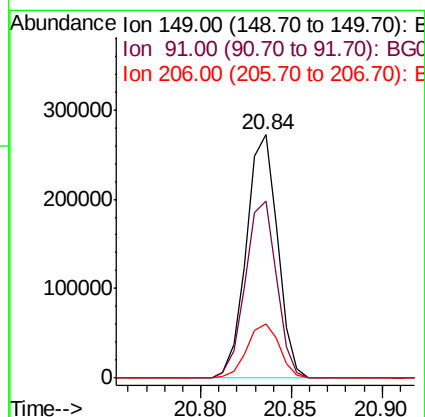
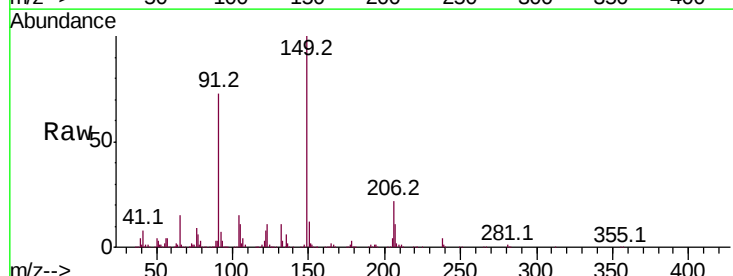
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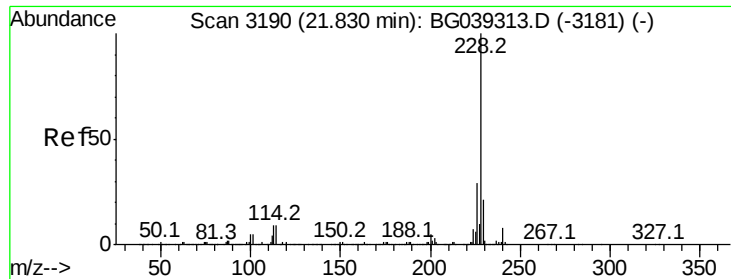
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#80
 Butylbenzylphthalate
 Concen: 39.253 ng
 RT: 20.84 min Scan# 3021
 Delta R.T. 0.00 min
 Lab File: BG039317.D
 Acq: 29 Jan 2019 15:04

Tgt Ion	Ion:149	Resp: 327723	
	Ratio	Lower	Upper
149	100		
91	72.9	59.5	89.3
206	22.5	18.6	27.8





#81

Benzo(a)anthracene

Concen: 37.991 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

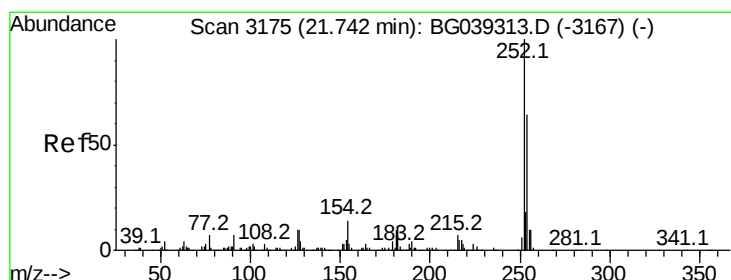
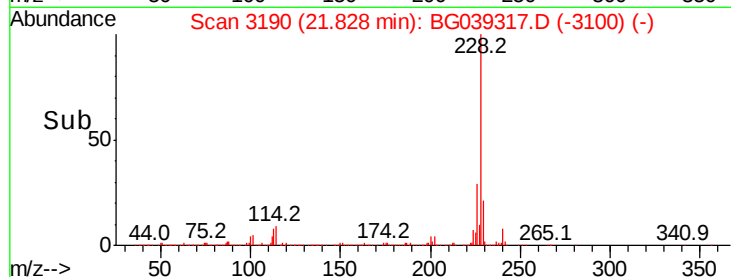
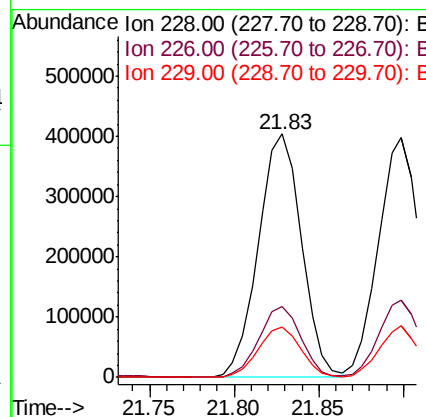
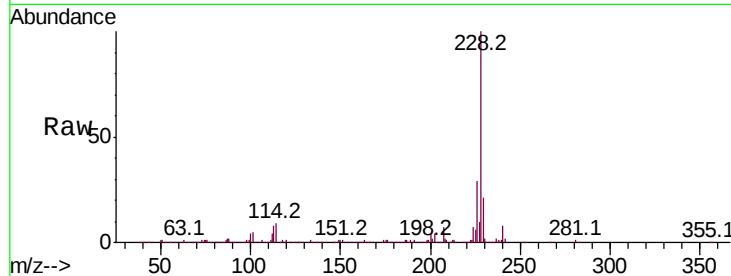
ClientSampleId :

ICVBG012919

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		713697		
226	29.0		23.0	34.6	
229	20.5		16.9	25.3	

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#82

3,3'-Dichlorobenzidine

Concen: 38.482 ng

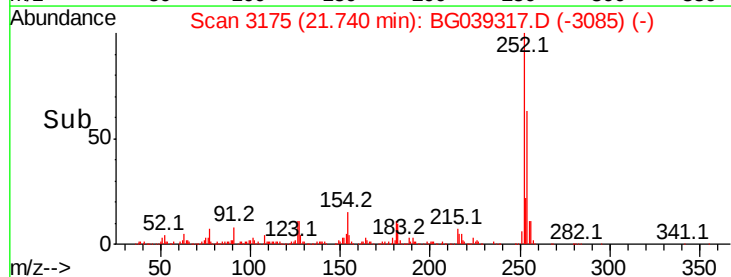
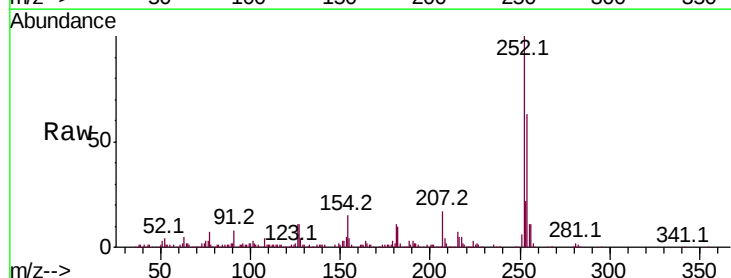
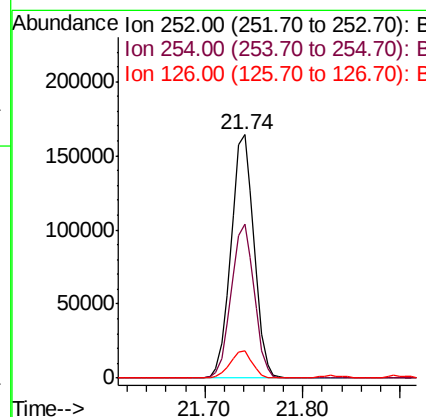
RT: 21.74 min Scan# 3175

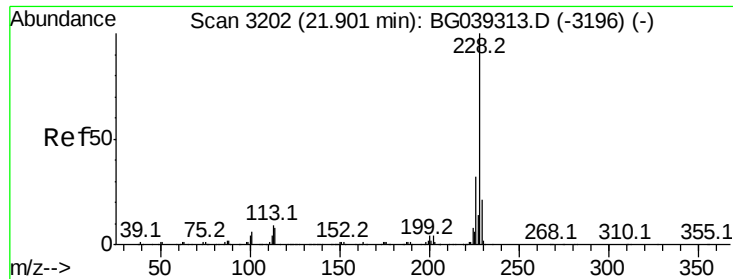
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		268057		
254	63.1		51.3	76.9	
126	11.0		8.0	12.0	





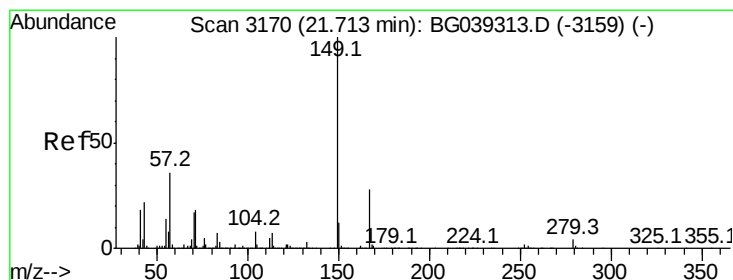
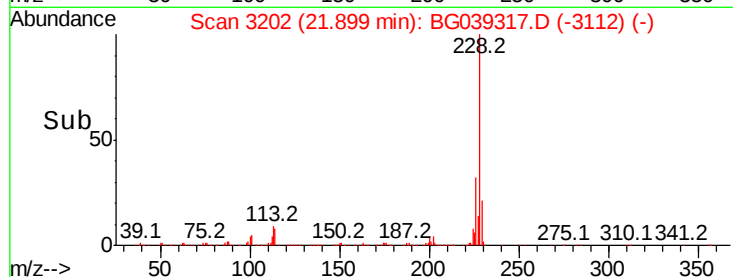
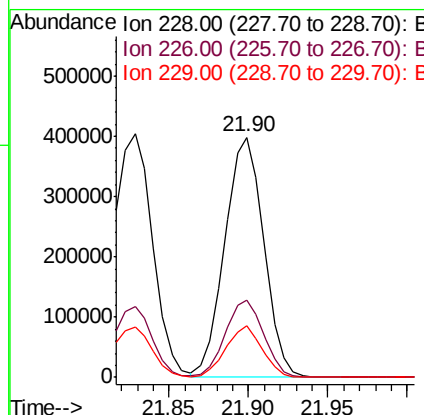
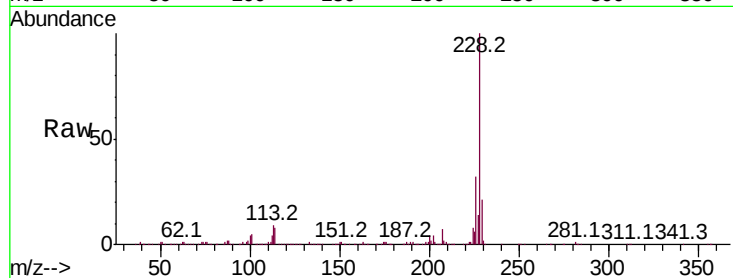
#83
Chrysene
Concen: 37.836 ng
RT: 21.90 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Instrument :
BNA_G
ClientSampleId :
ICVBG012919

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.8	38.6
229	21.3	16.6	25.0

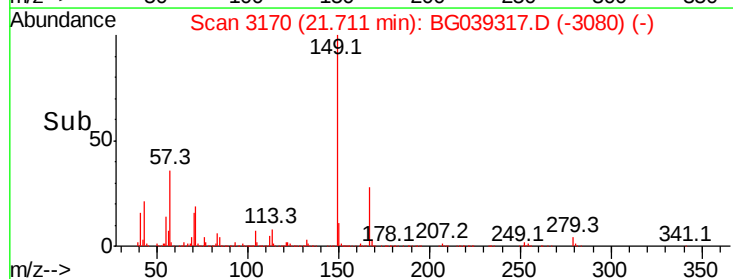
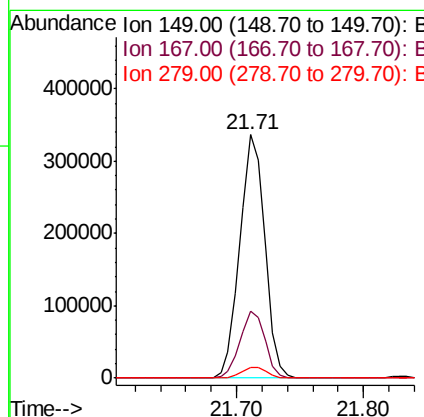
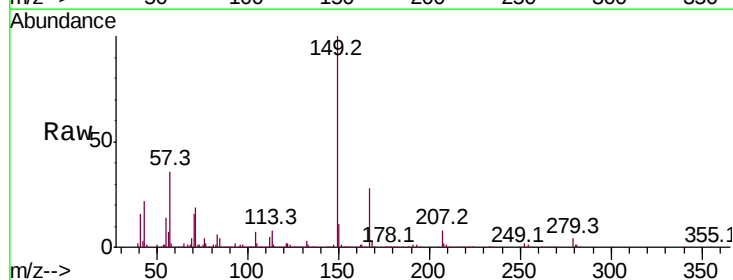
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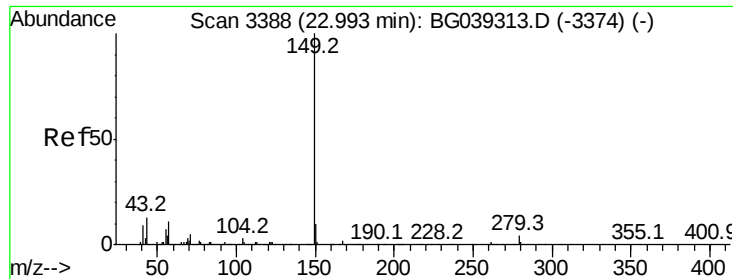
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.286 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG039317.D
Acq: 29 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.6	34.0
279	4.3	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 38.199 ng

RT: 22.99 min Scan# 3388

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

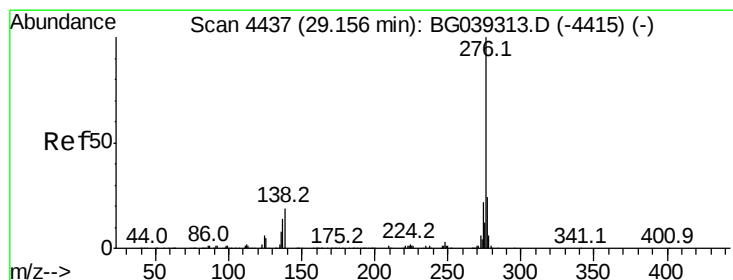
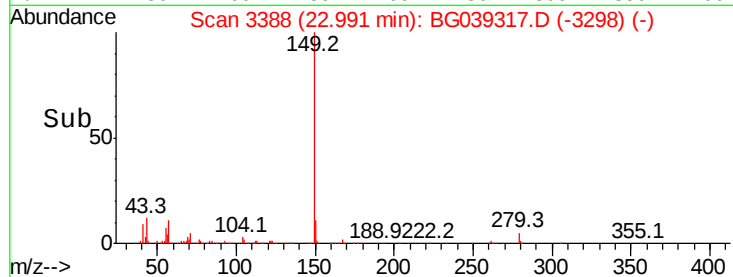
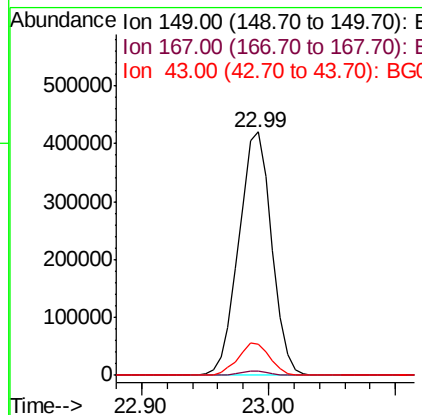
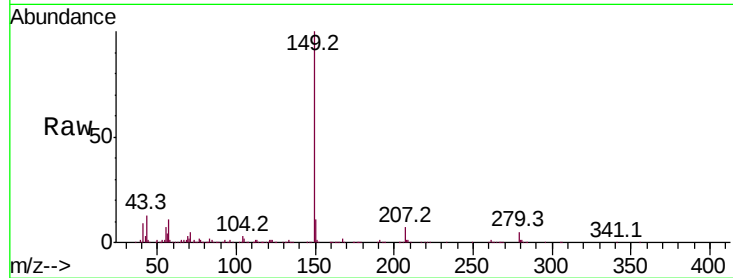
ClientSampleId :

ICVBG012919

Tot Ion:	149	Resp:	751685
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	13.0	10.2	15.4

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#86

Indeno(1,2,3-cd)pyrene

Concen: 38.964 ng

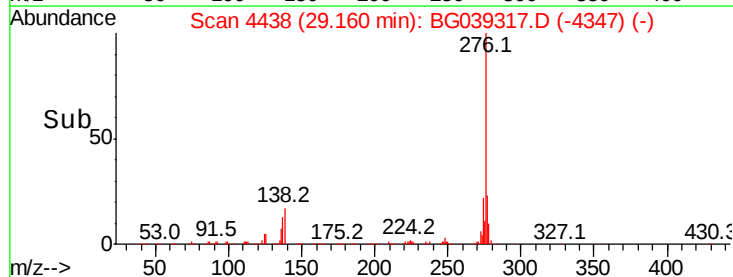
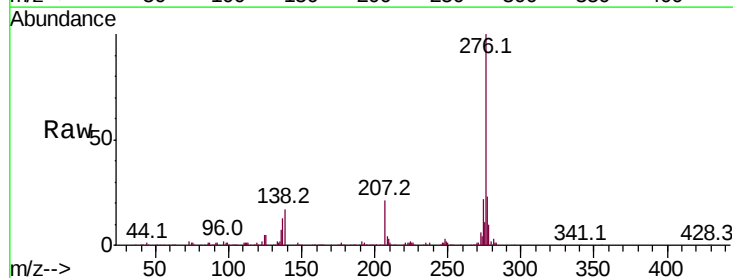
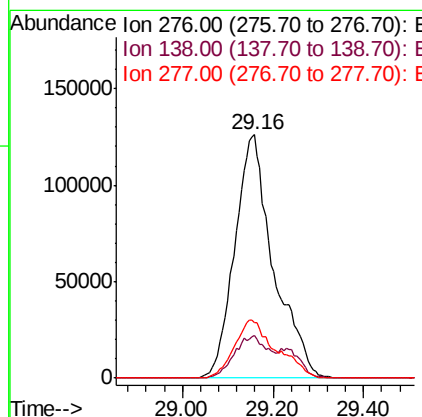
RT: 29.16 min Scan# 4438

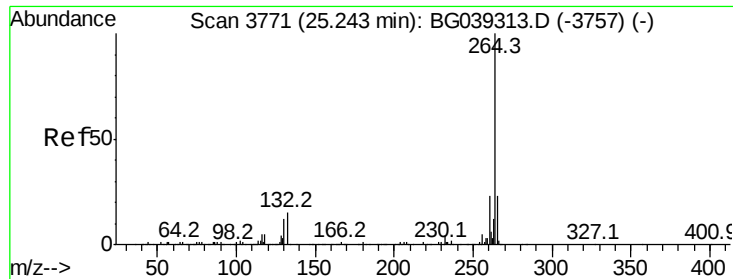
Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:	276	Resp:	747602
Ion Ratio	Lower	Upper	
276	100		
138	15.4	12.6	19.0
277	25.9	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.24 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

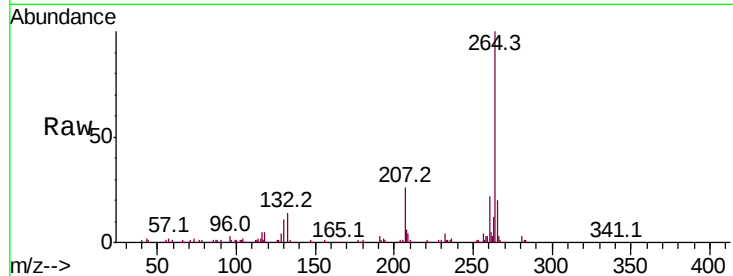
ClientSampleId :

ICVBG012919

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	20.4	18.5	27.7

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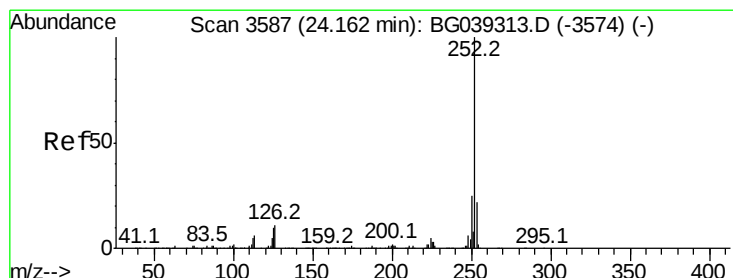
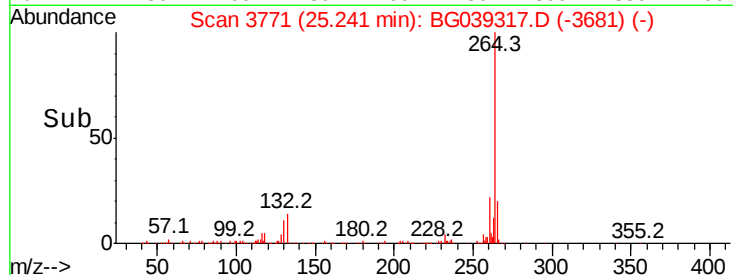
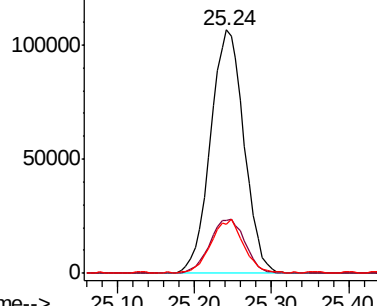


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.118 ng

RT: 24.15 min Scan# 3586

Delta R.T. -0.01 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

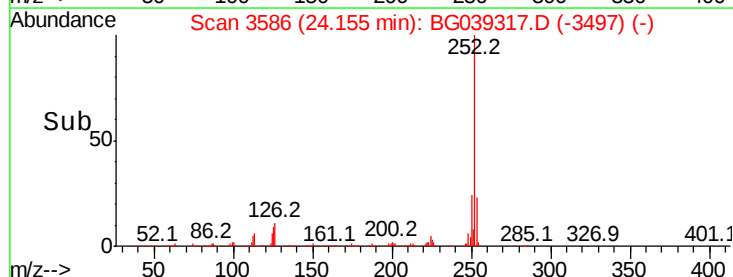
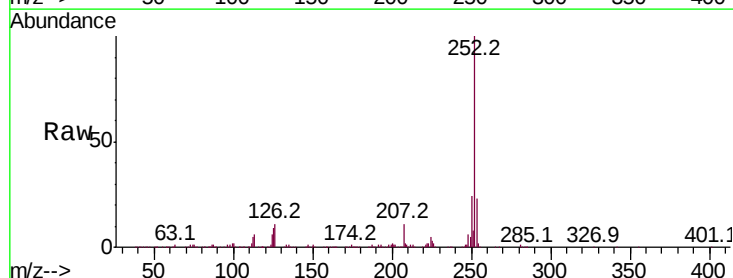
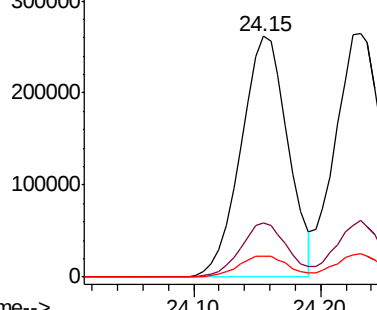
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	8.9	7.8	11.6

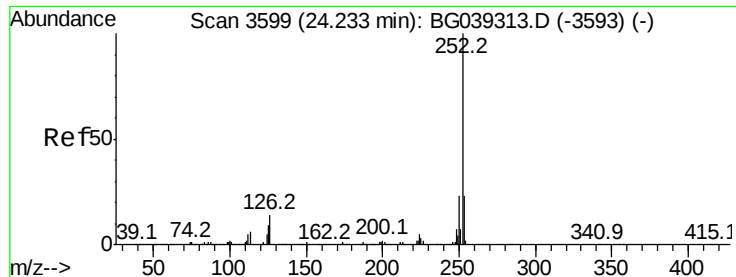
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.280 ng

RT: 24.23 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

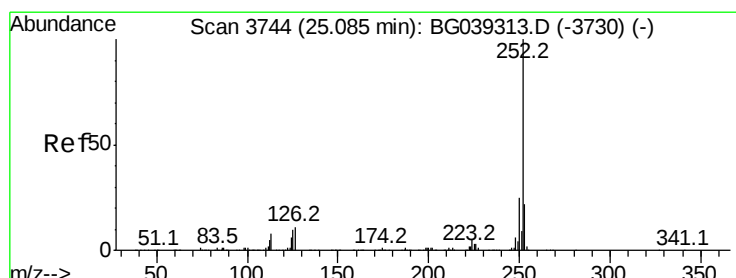
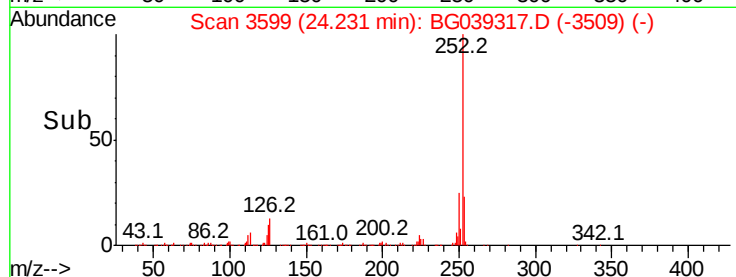
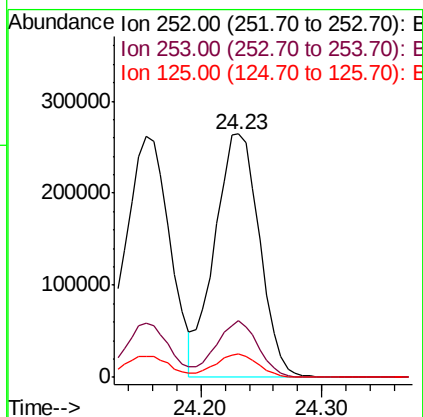
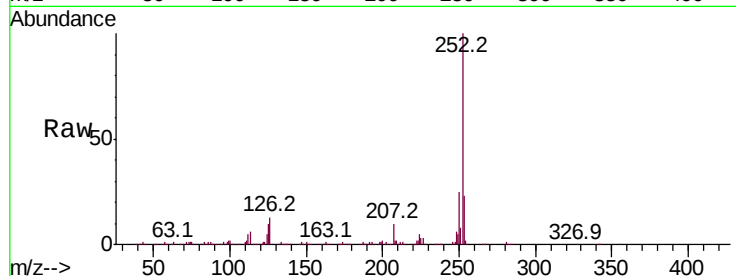
ClientSampleId :

ICVBG012919

Tot Ion:	252	Resp:	678367
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.2
125	9.6	7.4	11.2

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#90

Benzo(a)pyrene

Concen: 38.284 ng

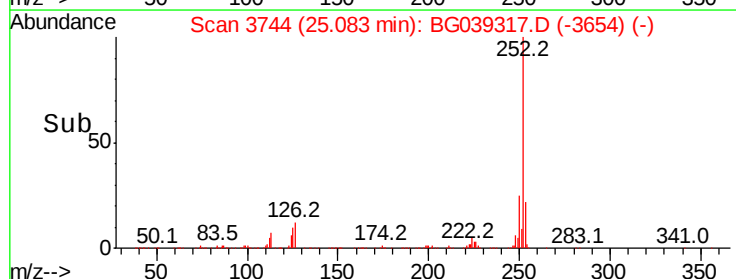
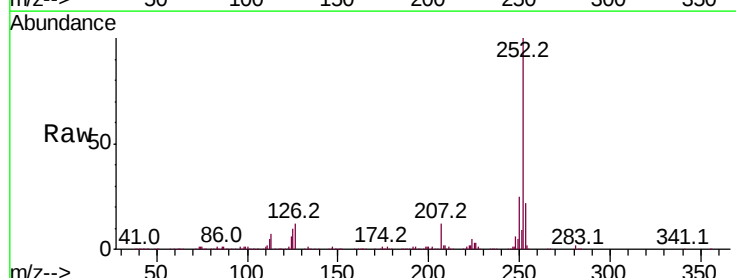
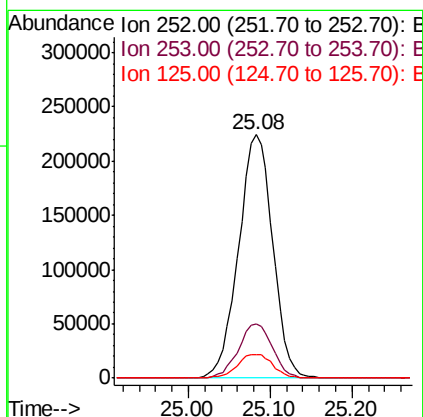
RT: 25.08 min Scan# 3744

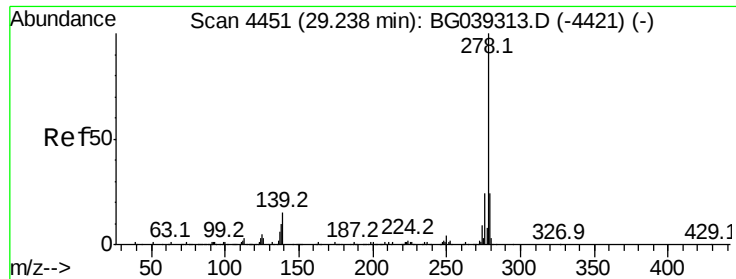
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:	252	Resp:	650794
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	9.7	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 38.139 ng

RT: 29.24 min Scan# 4451

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA_G

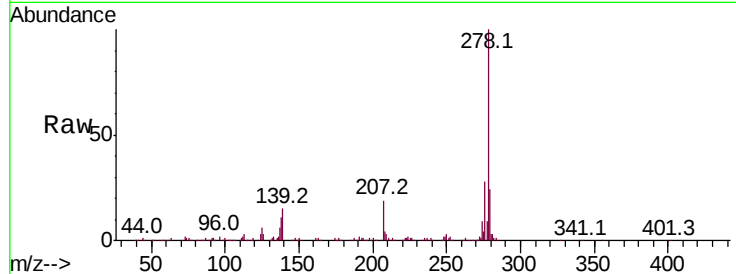
ClientSampleId :

ICVBG012919

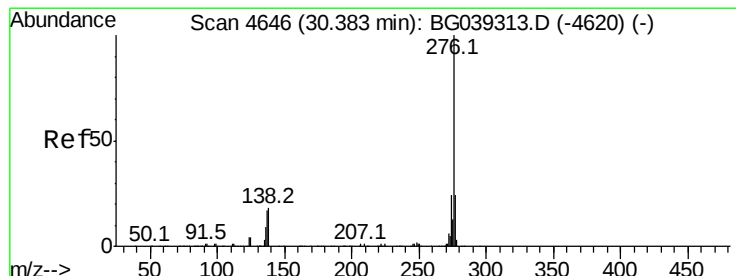
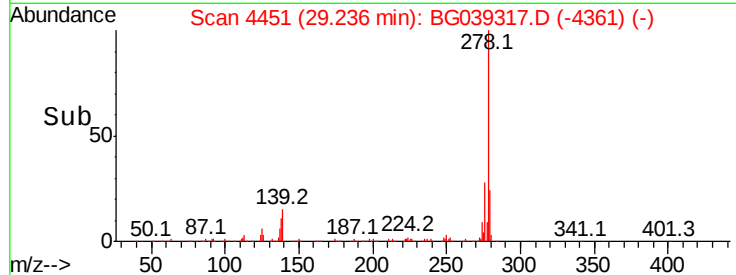
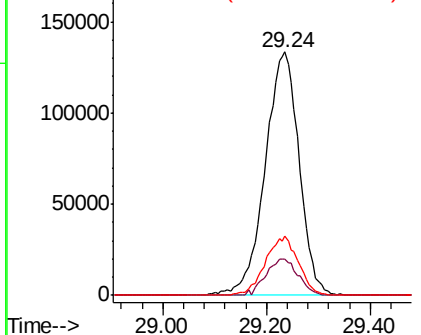
Tot Ion:	278	Resp:	607159
Ion Ratio	Lower	Upper	
278	100		
139	15.0	11.7	17.5
279	24.1	19.1	28.7

Manual Integrations
APPROVED

mohammad
1/30/2019 11:09:36 AM



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: 38.645 ng

RT: 30.38 min Scan# 4646

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:	276	Resp:	613194
Ion Ratio	Lower	Upper	
276	100		
277	22.1	19.6	29.4
138	18.0	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

