

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041201.D
 Acq On : 12 Jun 2019 11:51
 Operator : HP/JU
 Sample : K3265-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMS

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:36:29 AM

Quant Time: Jun 13 07:16:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42300	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	168647	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	126293	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	308079	20.00	ng	0.00
76) Chrysene-d12	21.76	240	306119	20.00	ng	0.00
87) Perylene-d12	25.09	264	320133	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	382468	163.04	ng	0.00
7) Phenol-d6	7.25	99	567795	156.73	ng	0.00
23) Nitrobenzene-d5	9.29	82	386899	101.85	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	307182	163.84	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	825389	94.12	ng	0.00
79) Terphenyl-d14	20.08	244	1388484	96.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	38741	36.394	ng	94
3) Pyridine	3.90	79	111104	35.274	ng	98
4) n-Nitrosodimethylamine	3.83	42	71188	48.697	ng	89
6) Aniline	7.42	93	91120	18.843	ng	98
8) 2-Chlorophenol	7.66	128	144151	51.544	ng	95
9) Benzaldehyde	7.24	77	41582	19.241	ng	94
10) Phenol	7.28	94	198430	51.083	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	126522	44.898	ng	95
12) 1,3-Dichlorobenzene	7.99	146	150146	44.951	ng	97
13) 1,4-Dichlorobenzene	8.14	146	151584	44.834	ng	97
14) 1,2-Dichlorobenzene	8.46	146	146838	44.729	ng	97
15) Benzyl Alcohol	8.35	79	160421	47.868	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	194861	42.318	ng	96
17) 2-Methylphenol	8.54	107	134724	47.902	ng	98
18) Hexachloroethane	9.19	117	58983	45.263	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	123656	44.353	ng	98
20) 3+4-Methylphenols	8.87	107	184039	47.240	ng	93
22) Acetophenone	8.93	105	238787	50.475	ng	96
24) Nitrobenzene	9.33	77	198025	51.151	ng	96
25) Isophorone	9.84	82	354694	49.061	ng	98
26) 2-Nitrophenol	10.04	139	89511	56.085	ng	95
27) 2,4-Dimethylphenol	10.08	122	148598	56.375	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	185264	47.479	ng	99
29) 2,4-Dichlorophenol	10.57	162	174633	52.172	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	190122	49.930	ng	97
31) Naphthalene	10.98	128	462069	51.030	ng	100
32) Benzoic acid	10.17	122	10804m	12.509	ng	
33) 4-Chloroaniline	11.09	127	69732	16.598	ng	94
34) Hexachlorobutadiene	11.24	225	137718	47.268	ng	96
35) Caprolactam	11.89	113	52319m	47.333	ng	
36) 4-Chloro-3-methylphenol	12.19	107	196458	51.392	ng	96
37) 2-Methylnaphthalene	12.57	142	357541	51.269	ng	98
38) 1-Methylnaphthalene	12.79	142	333944	50.815	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	263040	51.675	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	255181	91.894	nq	96
43) 2,4,6-Trichlorophenol	13.18	196	171032	51.939	nq	92
44) 2,4,5-Trichlorophenol	13.25	196	182473	52.542	nq	98
46) 1,1'-Biphenyl	13.57	154	487773	52.177	nq	100
47) 2-Chloronaphthalene	13.62	162	408229	50.866	nq	99
48) 2-Nitroaniline	13.83	65	148352	51.527	nq	97
49) Acenaphthylene	14.46	152	626894	51.900	nq	99
50) Dimethylphthalate	14.19	163	594971	55.653	nq	99
51) 2,6-Dinitrotoluene	14.32	165	118715	51.503	nq	94
52) Acenaphthene	14.80	154	367990	50.290	nq	95
53) 3-Nitroaniline	14.65	138	71186	30.884	nq	93
54) 2,4-Dinitrophenol	14.86	184	31269	36.644	nq	96
55) Dibenzofuran	15.14	168	640563	52.026	nq	99
56) 4-Nitrophenol	14.96	139	164834	104.261	nq	93
57) 2,4-Dinitrotoluene	15.10	165	170408	52.336	nq	98
58) Fluorene	15.78	166	502259	51.222	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	179641	52.635	nq	99
60) Diethylphthalate	15.54	149	531436	48.710	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	324518	50.918	nq	95
62) 4-Nitroaniline	15.82	138	113195	46.388	nq	99
63) Azobenzene	16.06	77	494860	49.904	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	65857	41.343	nq	98
66) n-Nitrosodiphenylamine	15.99	169	453510	52.366	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	208127	50.059	nq	95
68) Hexachlorobenzene	16.78	284	219698	49.624	nq	98
69) Atrazine	16.92	200	191725	57.374	nq	98
70) Pentachlorophenol	17.12	266	216045	90.504	nq	96
71) Phenanthrene	17.52	178	867446	54.055	nq	99
72) Anthracene	17.62	178	869396	54.931	nq	99
73) Carbazole	17.89	167	737908	54.337	nq	99
74) Di-n-butylphthalate	18.42	149	868439	51.452	nq	98
75) Fluoranthene	19.53	202	1092815	55.134	nq	98
77) Benzidine	19.71	184	183444	25.120	nq	98
78) Pyrene	19.89	202	1084093	54.478	nq	99
80) Butylbenzylphthalate	20.76	149	404921	52.287	nq	98
81) Benzo(a)anthracene	21.74	228	1035230	50.803	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	190138	26.529	nq	99
83) Chrysene	21.81	228	1017875	52.198	nq	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	571001	52.378	nq	100
85) Di-n-octyl phthalate	22.84	149	962078	52.990	nq	100
86) Indeno(1,2,3-cd)pyrene	28.90	276	995012	41.655	nq	98
88) Benzo(b)fluoranthene	24.02	252	1030601	53.077	nq	100
89) Benzo(k)fluoranthene	24.09	252	1039603	54.105	nq	98
90) Benzo(a)pyrene	24.93	252	1014420	54.758	nq	96
91) Dibenzo(a,h)anthracene	28.97	278	795374	42.968	nq	98
92) Benzo(g,h,i)perylene	30.12	276	789946	43.926	nq	96

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

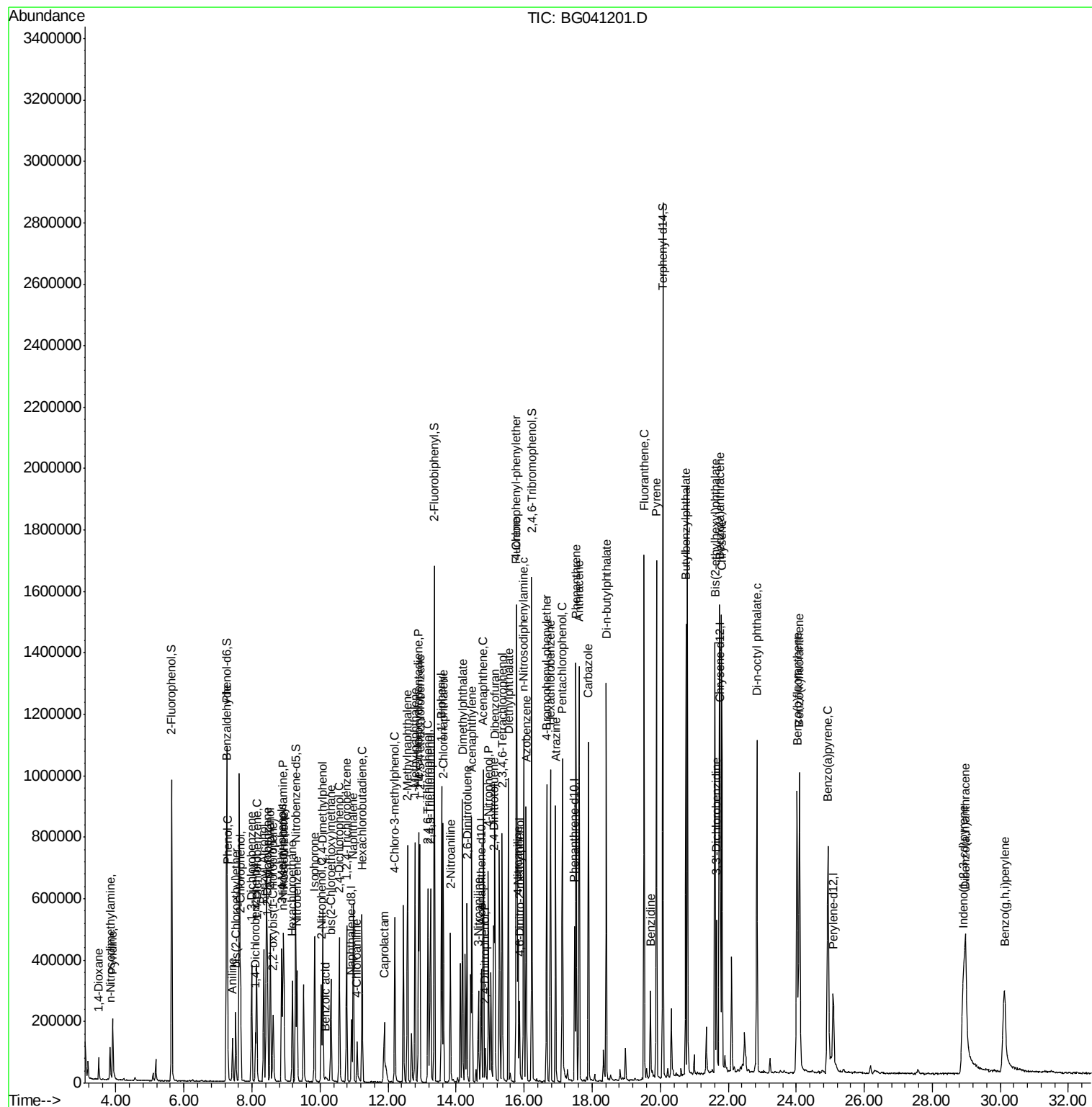
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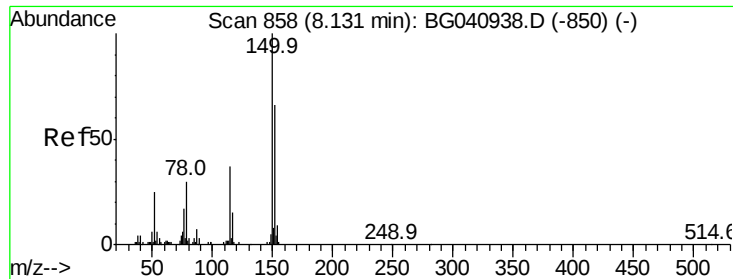
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#1

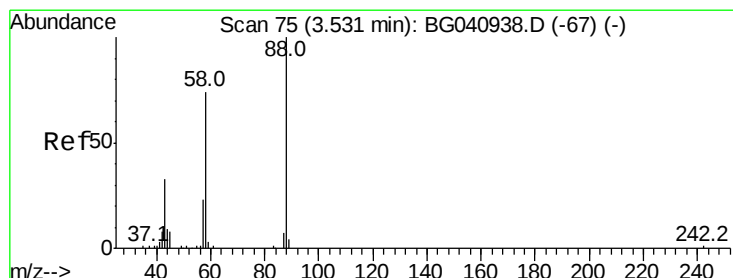
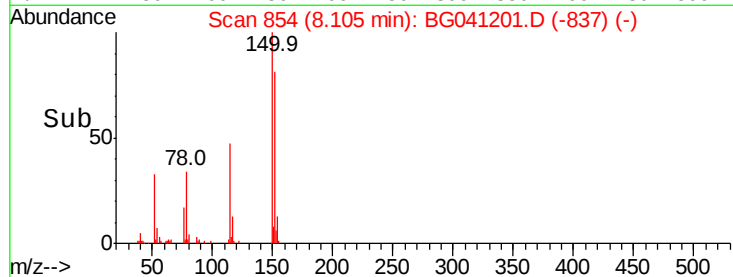
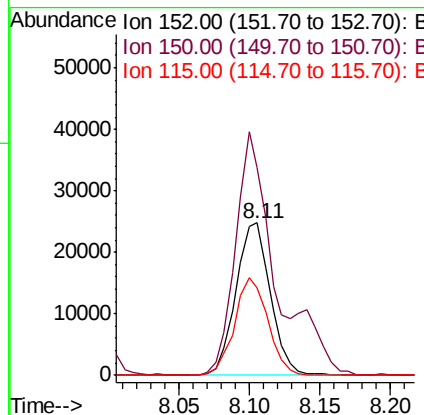
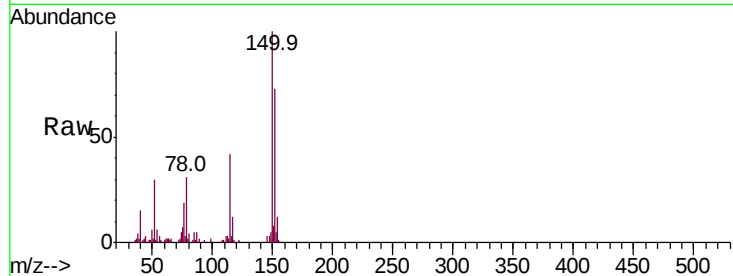
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.1	120.6	180.8
115	57.2	45.1	67.7

Manual Integrations
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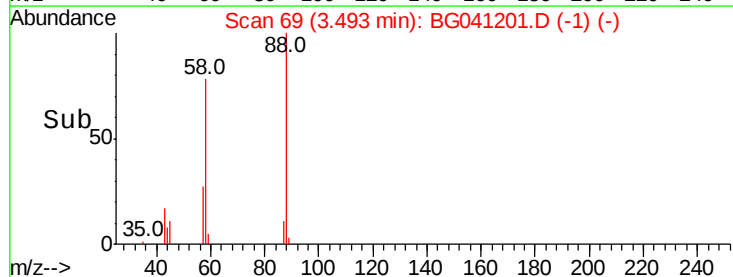
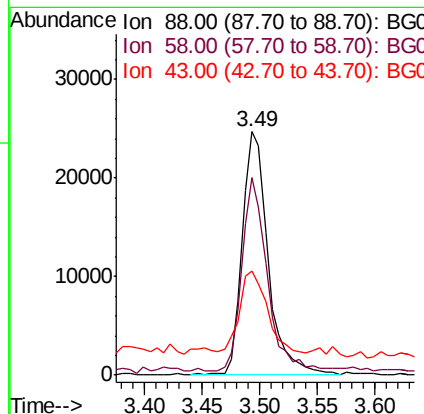
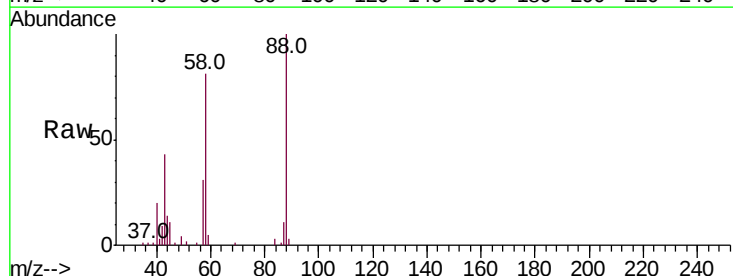
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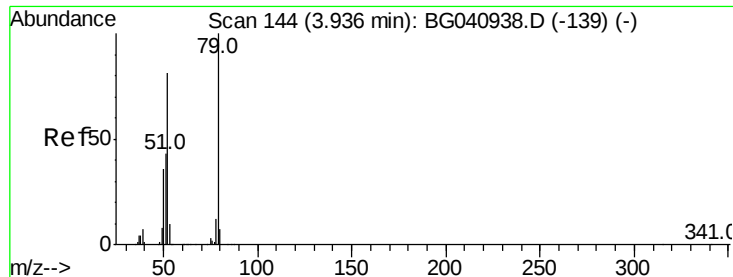


#2

1,4-Dioxane
Concen: 36.394 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.01 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	59.0	88.6
43	39.4	27.2	40.8





#3

Pvridine

Concen: 35.274 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

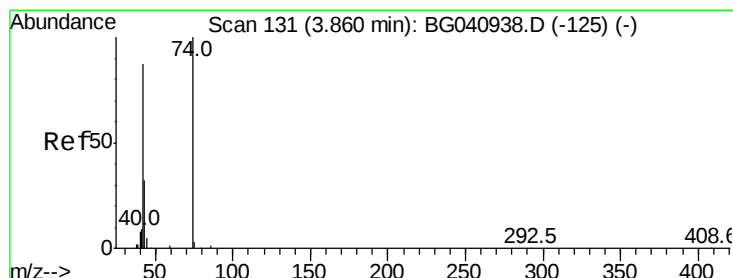
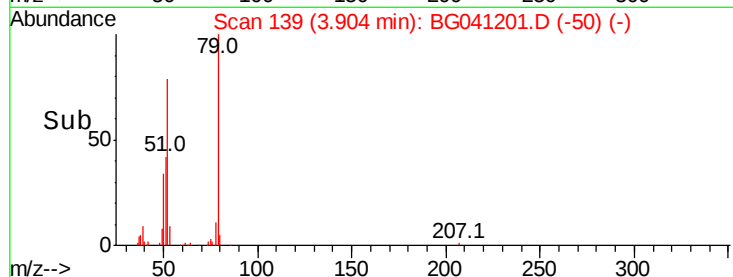
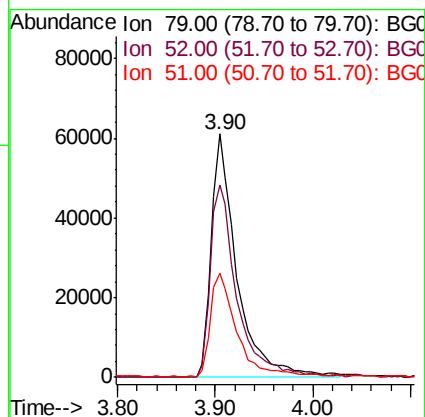
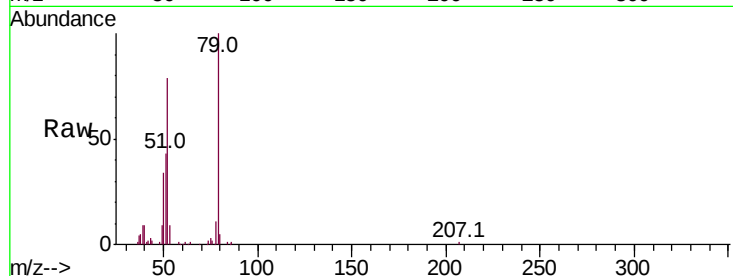
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	79.2	64.8	97.2		
51	42.5	35.3	52.9		

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#4

n-Nitrosodimethylamine

Concen: 48.697 ng

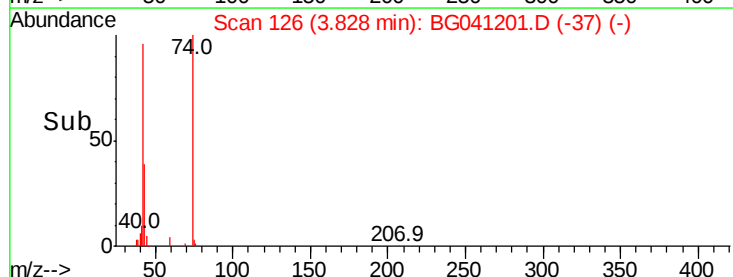
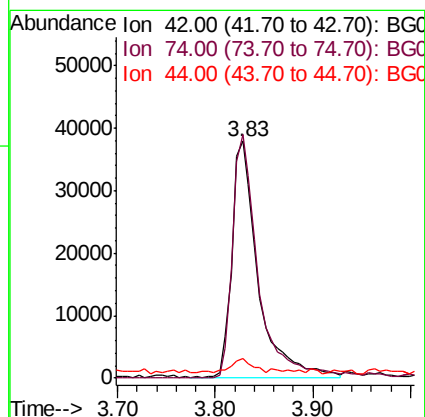
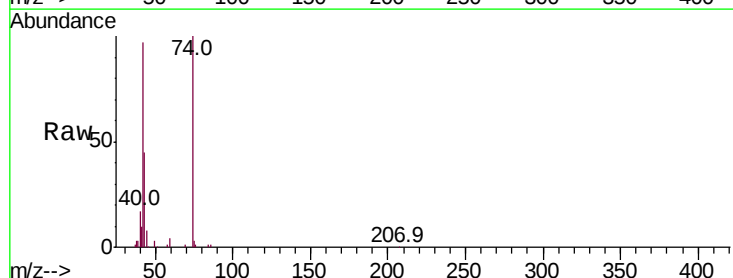
RT: 3.83 min Scan# 126

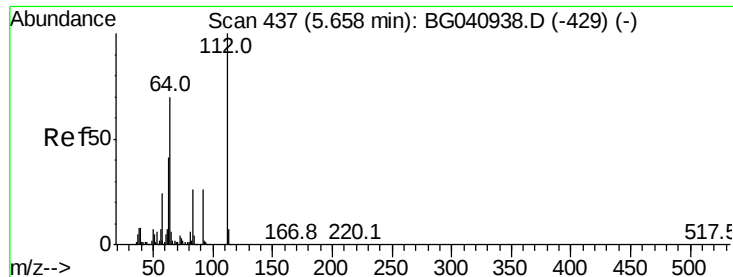
Delta R.T. -0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	102.7	91.8	137.6		
44	8.0	6.0	9.0		





#5

2-Fluorophenol

Concen: 163.043 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

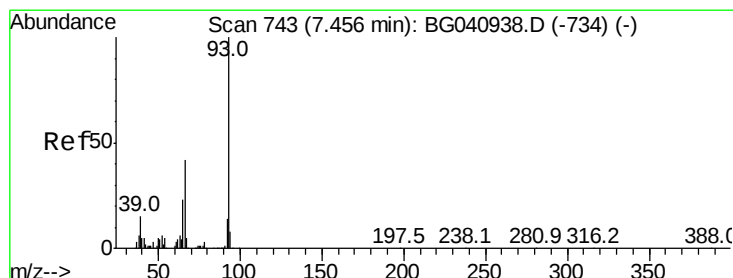
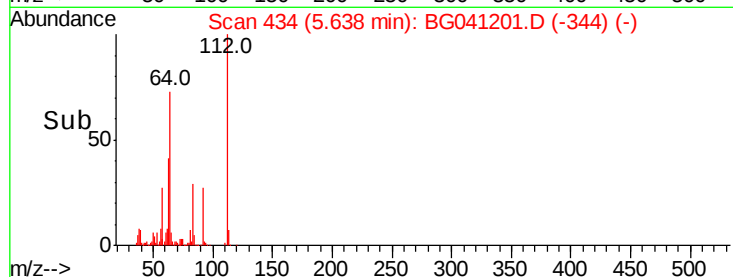
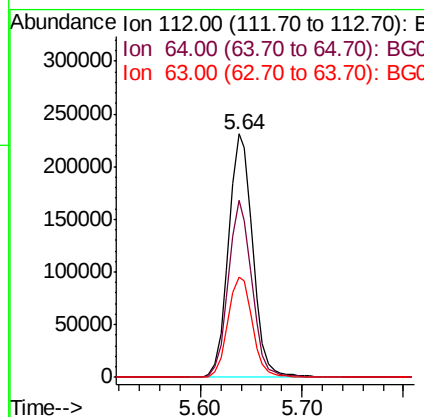
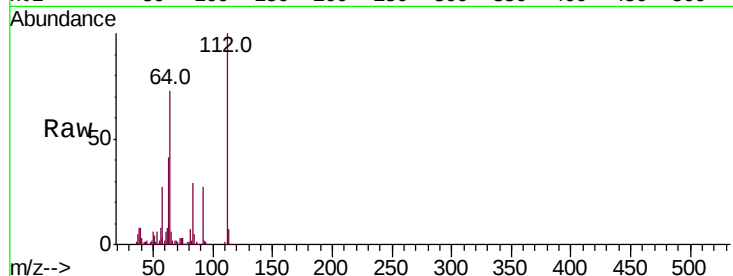
ClientSampleId :

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Tot Ion:	112	Resp:	382468
Ion Ratio	Lower	Upper	
112	100		
64	72.5	56.2	84.2
63	41.4	32.8	49.2

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#6

Aniline

Concen: 18.843 ng

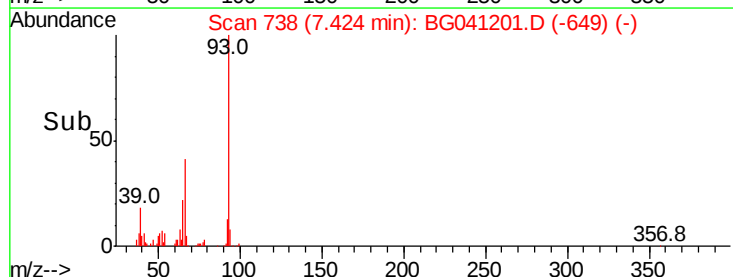
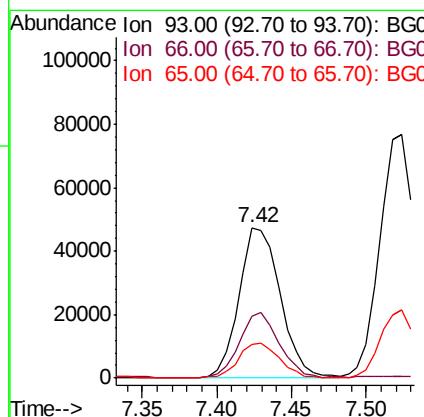
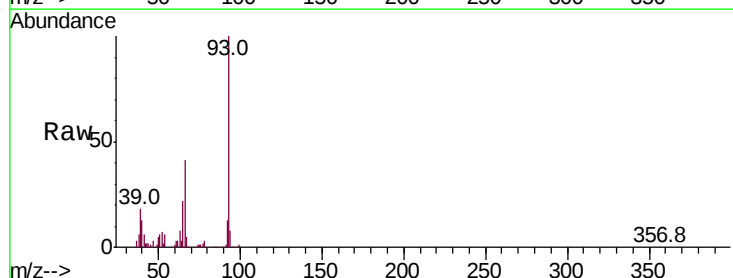
RT: 7.42 min Scan# 738

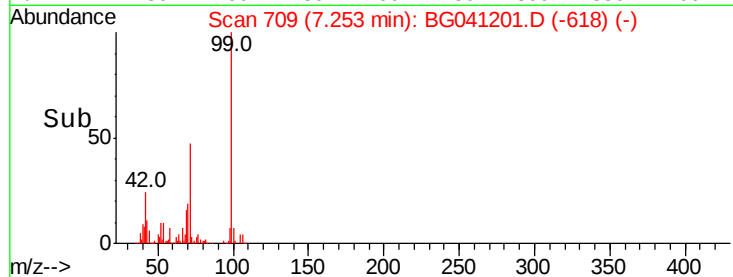
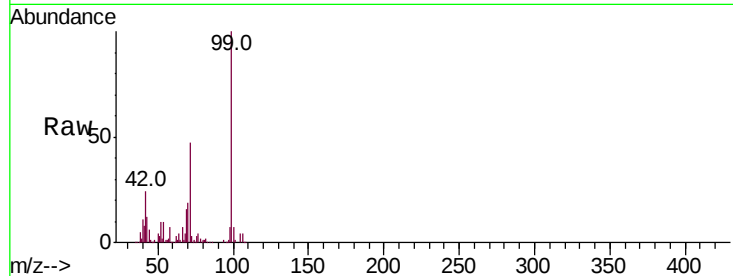
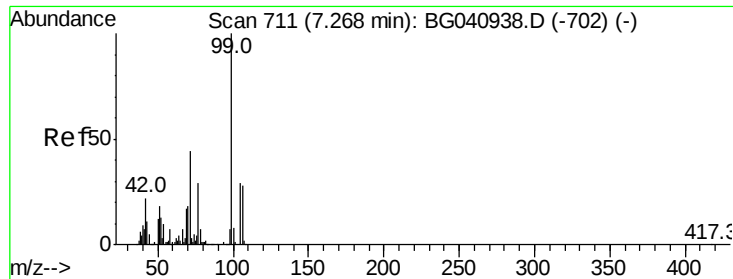
Delta R.T. -0.01 min

Lab File: BG041201.D

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Tgt Ion:	93	Resp:	91120
Ion Ratio	Lower	Upper	
93	100		
66	41.3	33.8	50.8
65	22.0	18.3	27.5





#7

Phenol-d6

Concen: 156.725 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tot Ion	99	Resp	567795
Ion Ratio	Lower	Upper	
99	100		
42	23.6	17.9	26.9
71	46.6	35.4	53.0

Instrument :

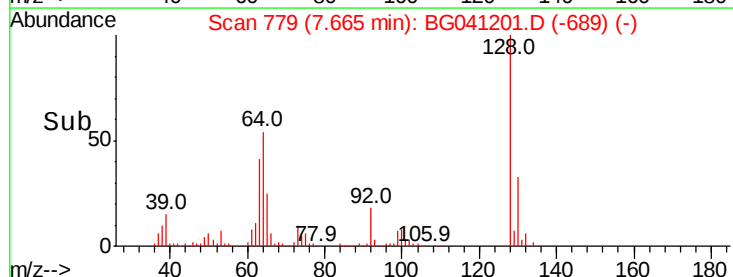
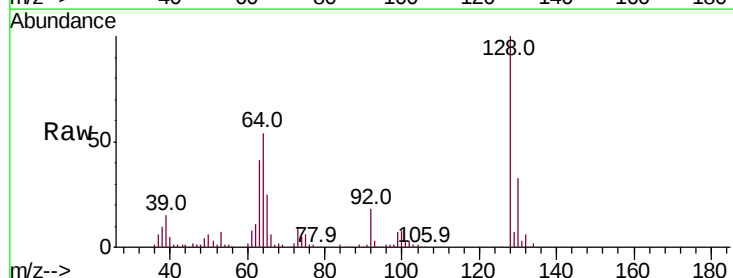
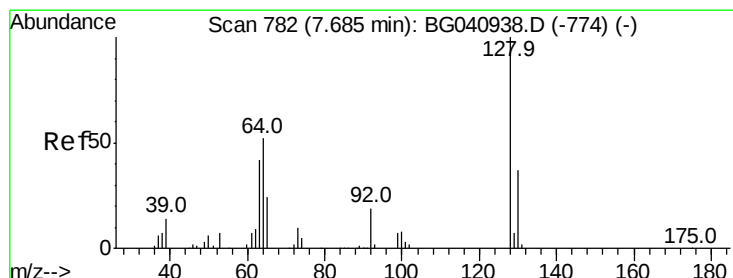
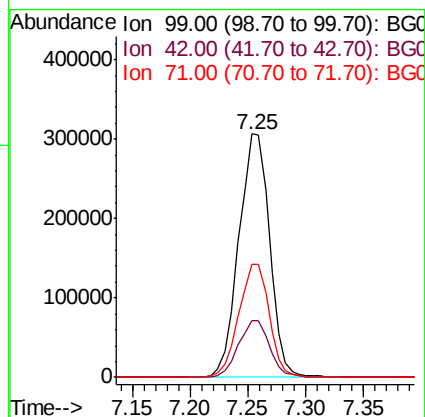
BNA_G

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#8

2-Chlorophenol

Concen: 51.544 ng

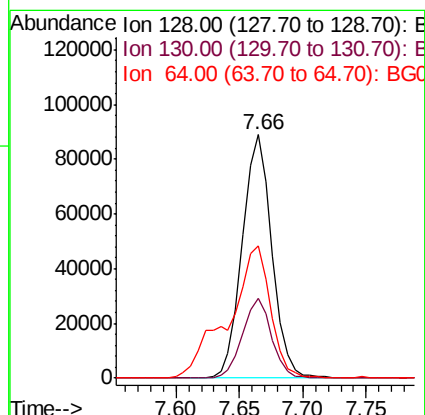
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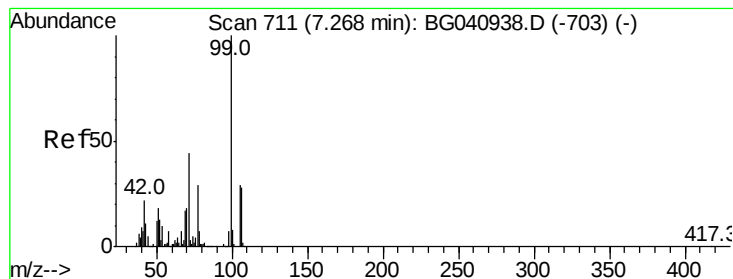
Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion	128	Resp	144151
Ion Ratio	Lower	Upper	
128	100		
130	33.0	16.6	56.6
64	54.2	37.8	77.8





#9

Benzaldehyde

Concen: 19.241 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

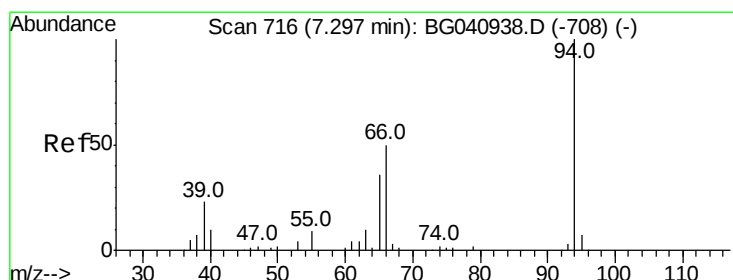
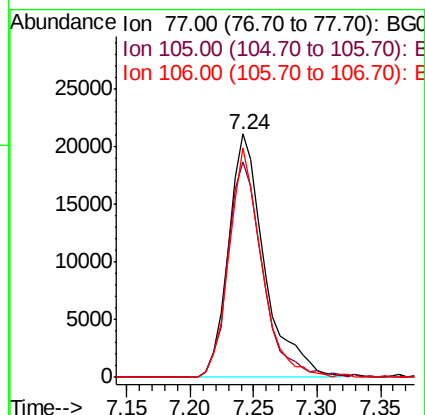
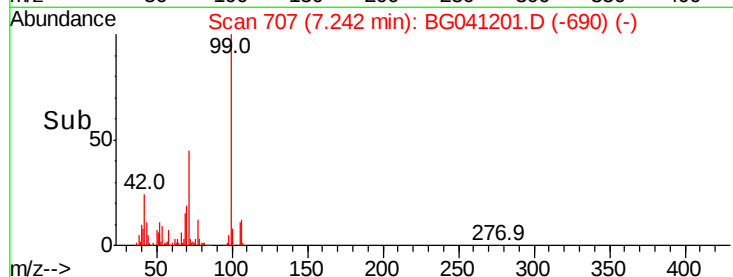
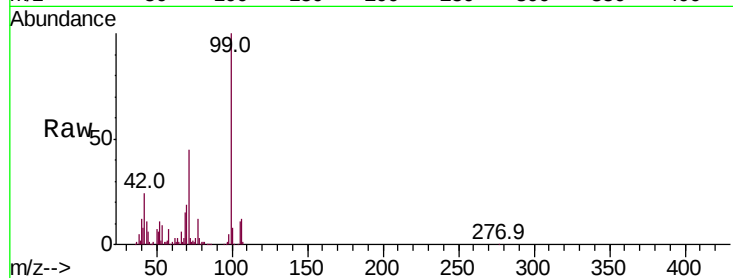
ClientSampleId :

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Tot Ion:	77	Resp:	41582
Ion	Ratio	Lower	Upper
77	100		
105	88.6	78.9	118.9
106	94.2	76.7	116.7

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#10

Phenol

Concen: 51.083 ng

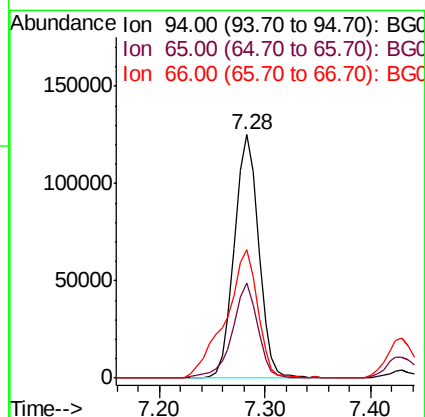
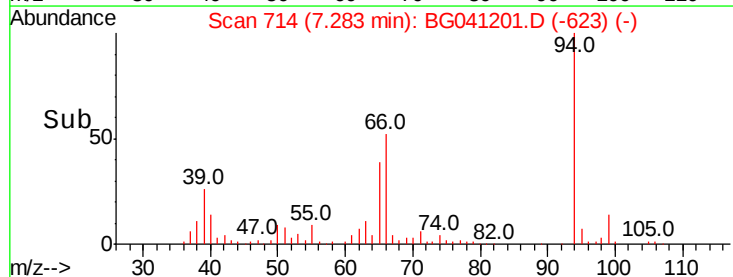
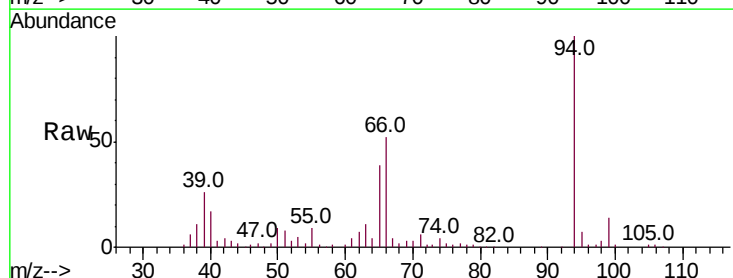
RT: 7.28 min Scan# 714

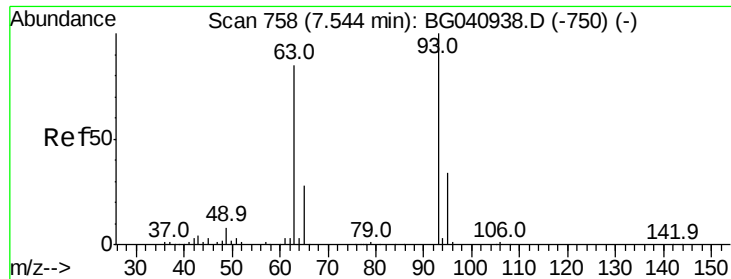
Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion:	94	Resp:	198430
Ion	Ratio	Lower	Upper
94	100		
65	38.9	17.0	57.0
66	52.5	32.4	72.4





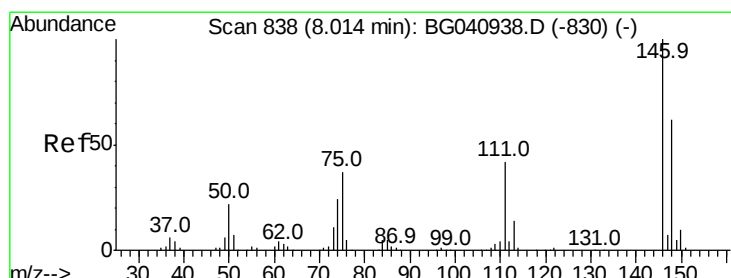
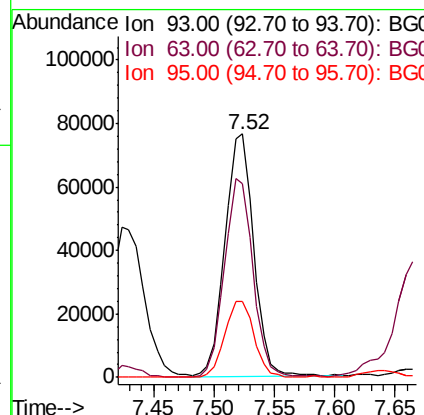
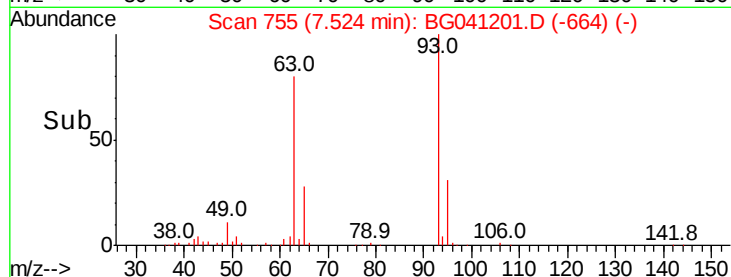
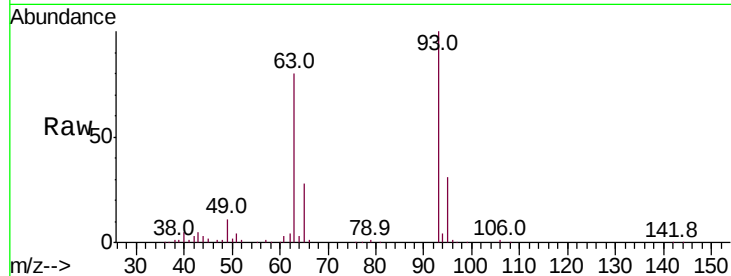
#11
bis(2-Chloroethyl)ether
Concen: 44.898 ng
RT: 7.52 min Scan# 755
Delta R.T. 0.01 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.8	64.5	104.5
95	31.1	13.3	53.3

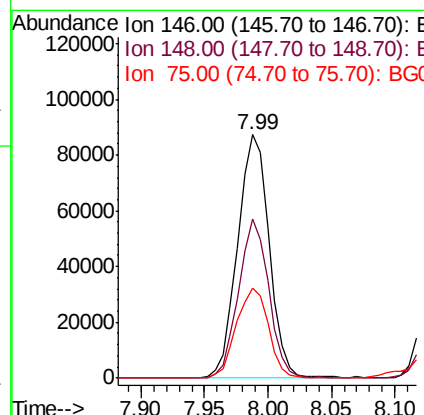
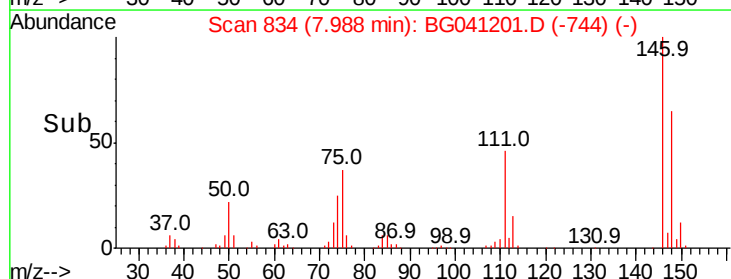
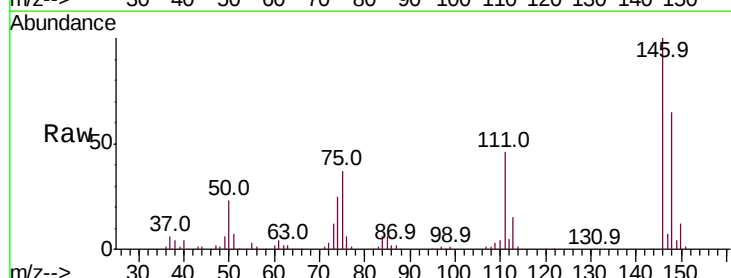
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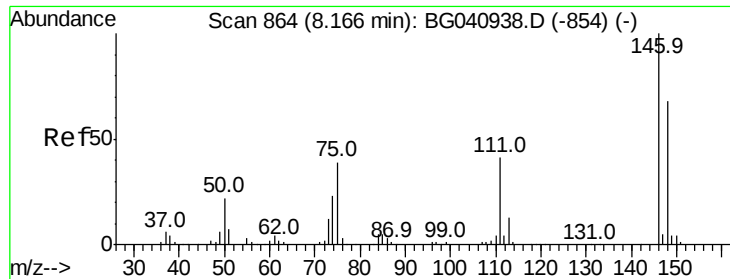
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#12
1,3-Dichlorobenzene
Concen: 44.951 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	49.2	73.8
75	36.9	29.4	44.0





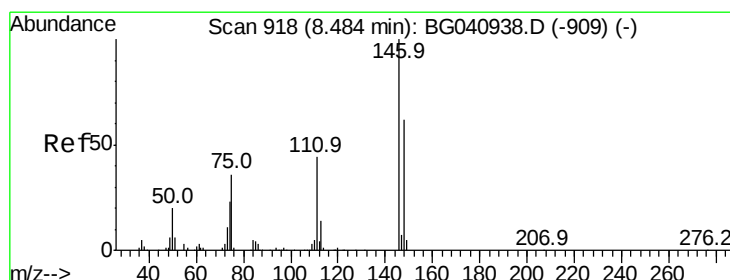
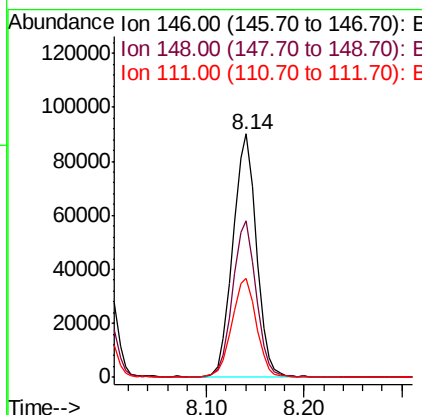
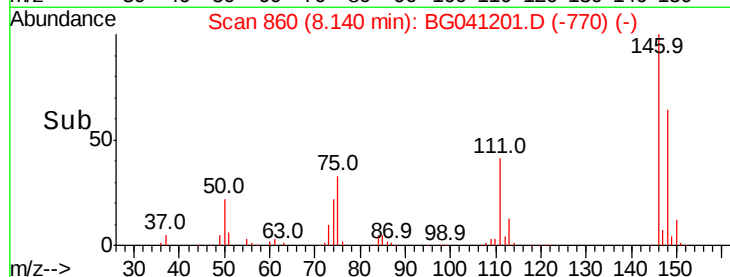
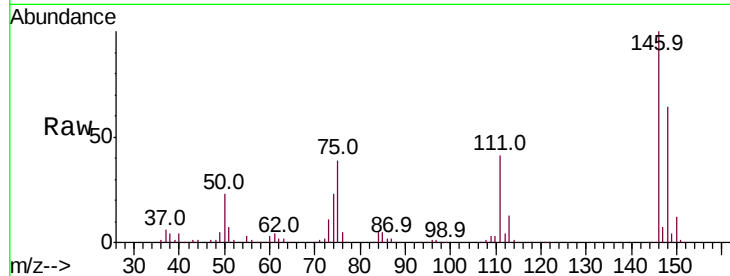
#13
 1,4-Dichlorobenzene
 Concen: 44.834 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041201.D
 Acq: 12 Jun 2019 11:51

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	54.2	81.4
111	40.6	32.9	49.3

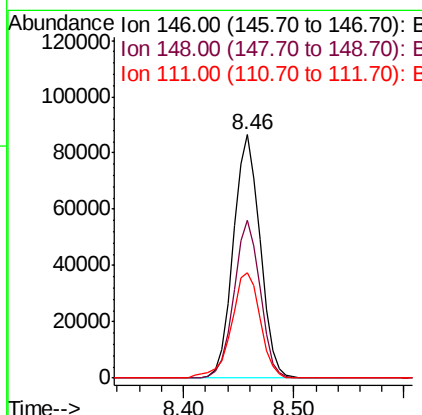
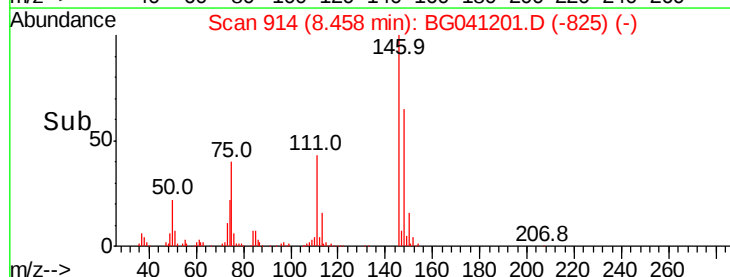
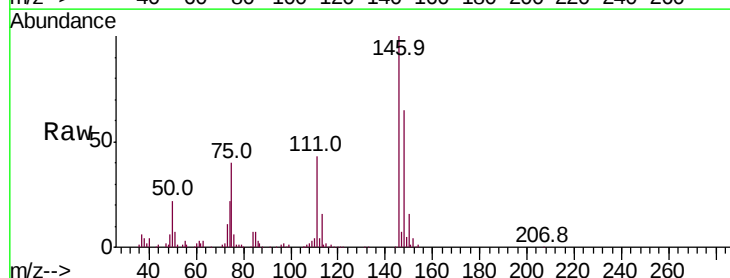
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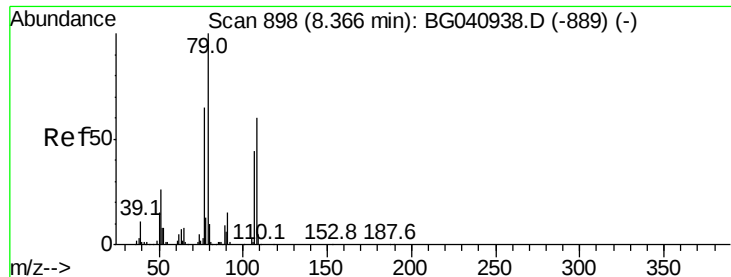
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#14
 1,2-Dichlorobenzene
 Concen: 44.729 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BG041201.D
 Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	49.8	74.6
111	43.1	35.0	52.4





#15

Benzyl Alcohol

Concen: 47.868 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

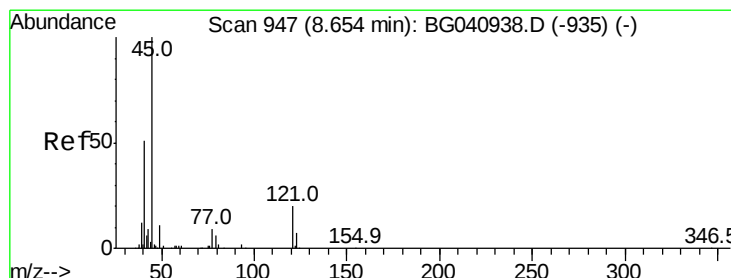
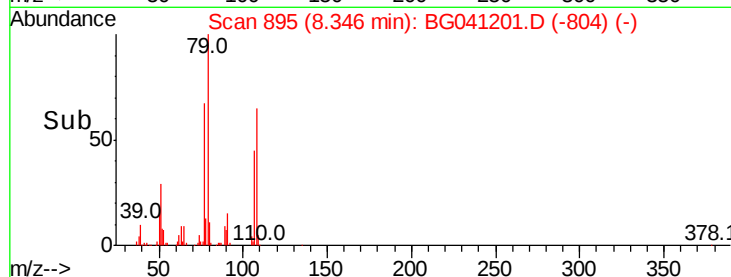
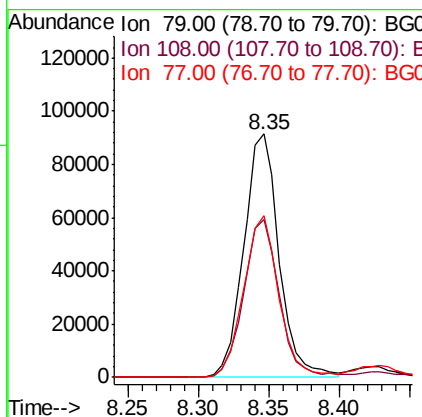
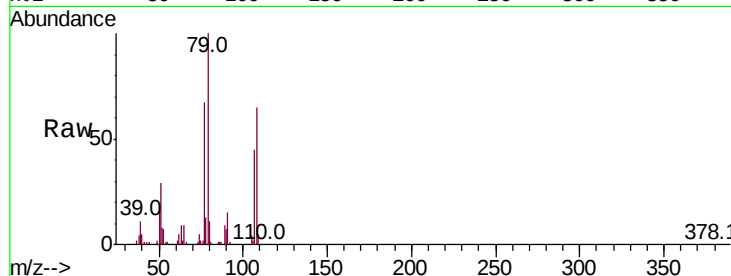
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:	79	Resp:	160421
Ion Ratio	Lower	Upper	
79	100		
108	64.7	48.3	72.5
77	66.6	52.3	78.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.318 ng

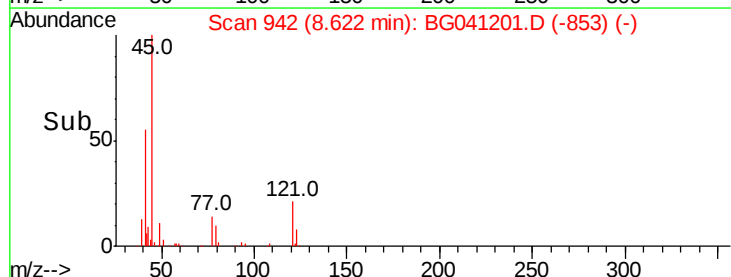
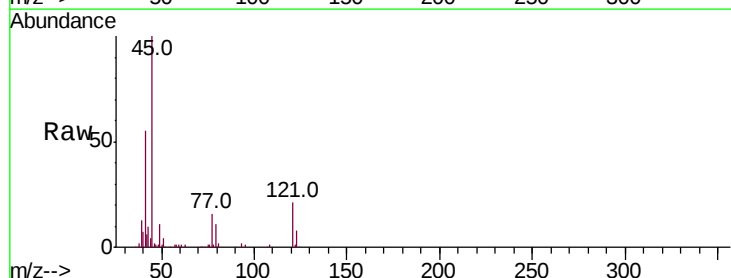
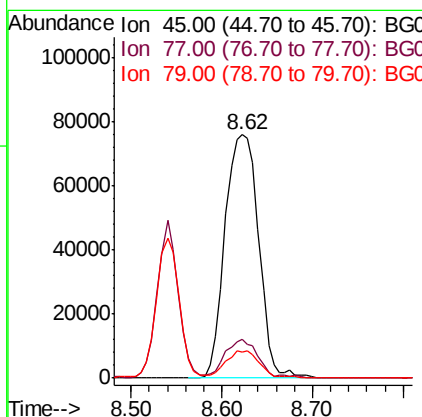
RT: 8.62 min Scan# 942

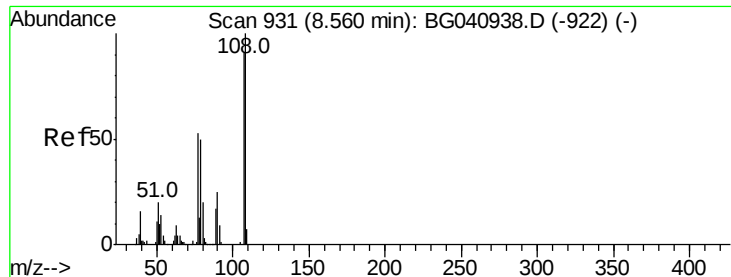
Delta R.T. -0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion:	45	Resp:	194861
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	33.7
79	10.8	0.0	30.2





#17

2-Methylphenol

Concen: 47.902 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

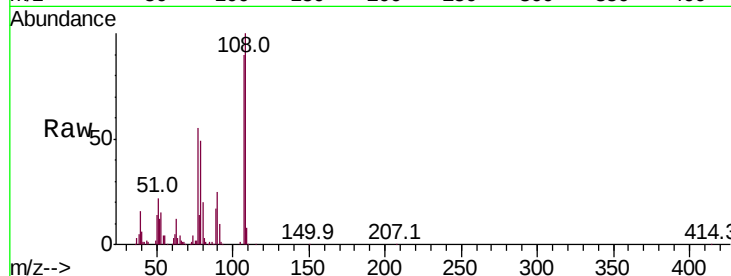
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	87.7	131.5	
77	61.0	46.6	70.0	
79	54.0	44.6	66.8	

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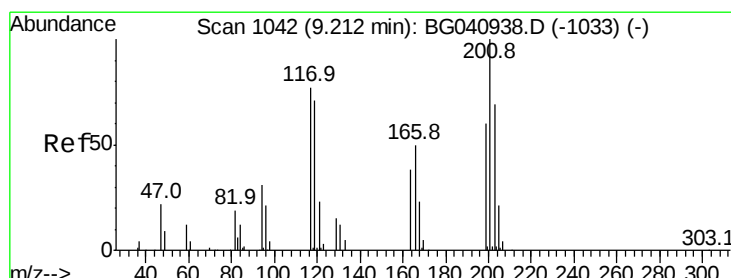
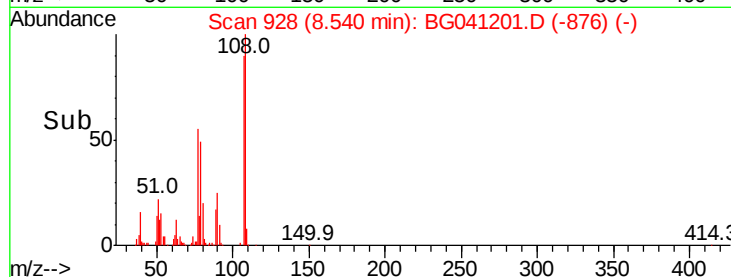
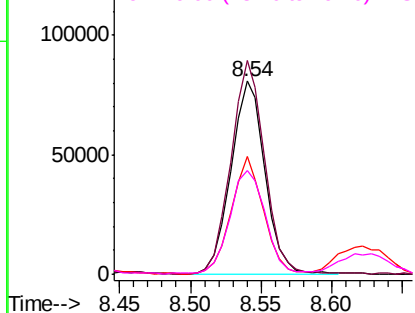
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.263 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

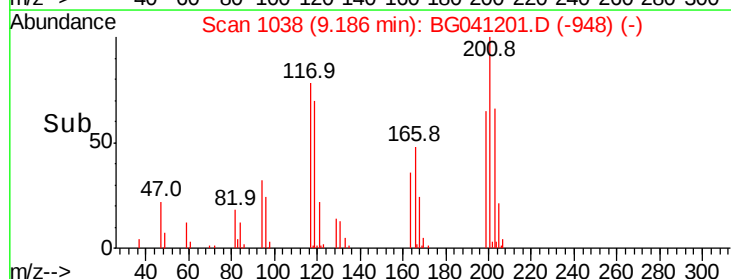
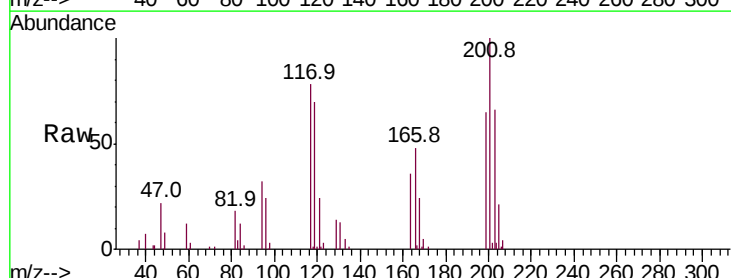
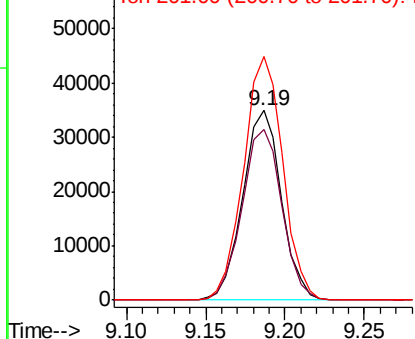
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.2	75.0	112.6	
201	128.5	103.5	155.3	

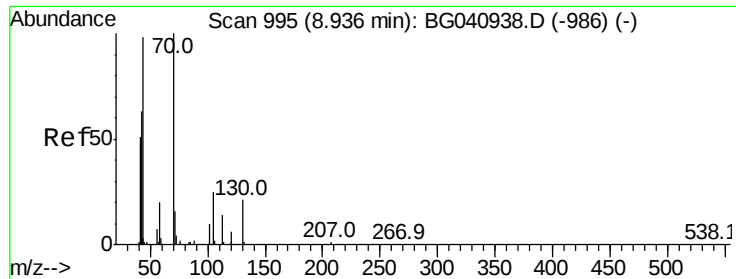
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.353 ng

RT: 8.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

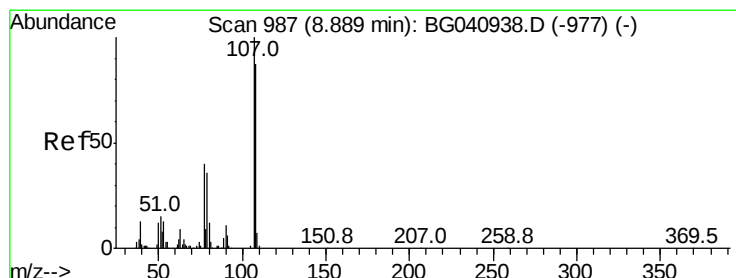
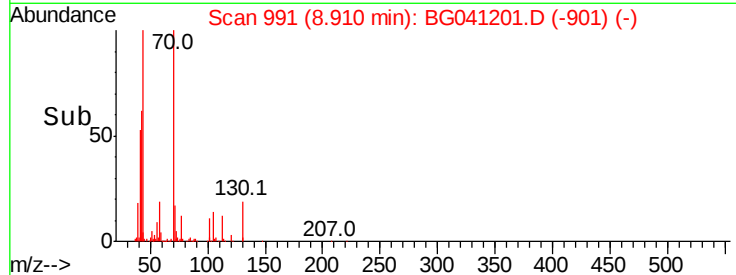
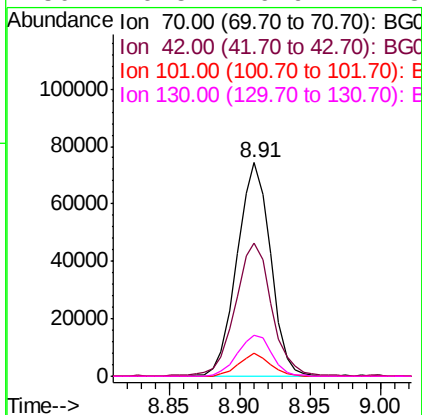
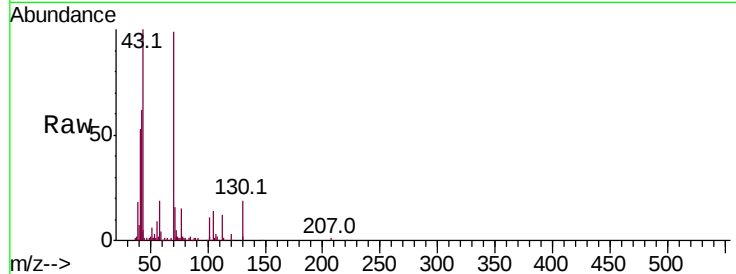
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.5	51.5	77.3	
101	10.7	8.1	12.1	
130	19.5	16.6	24.8	

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#20

3+4-Methylphenols

Concen: 47.240 ng

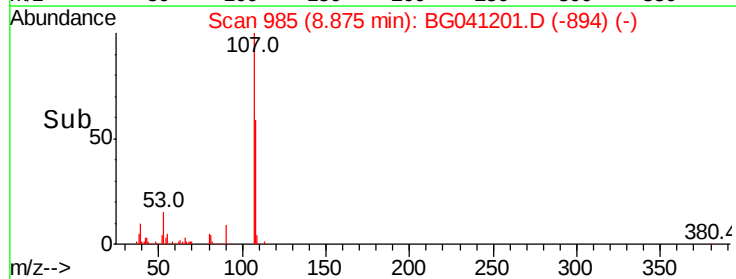
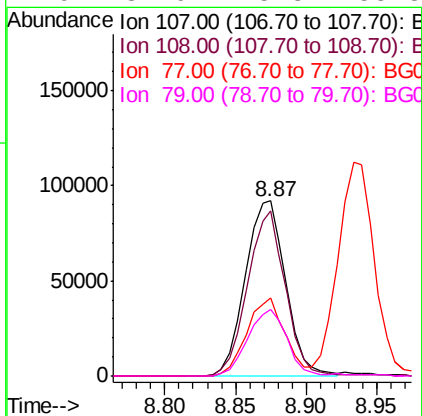
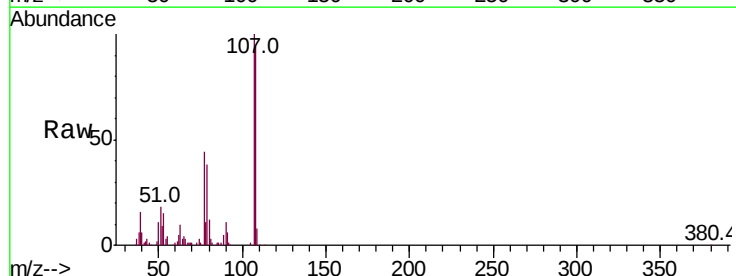
RT: 8.87 min Scan# 985

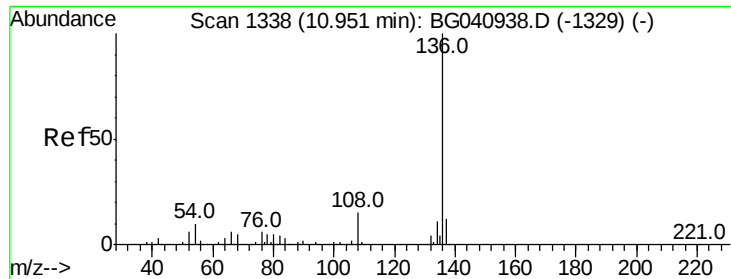
Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.0	66.8	106.8	
77	44.5	20.5	60.5	
79	37.9	15.8	55.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

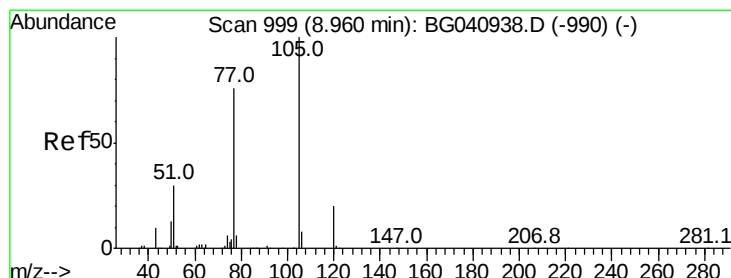
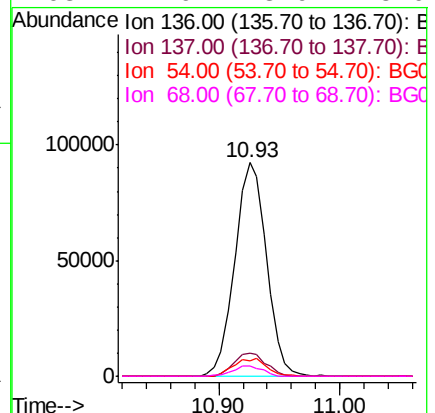
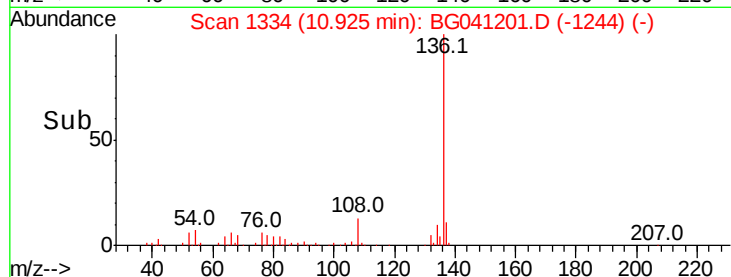
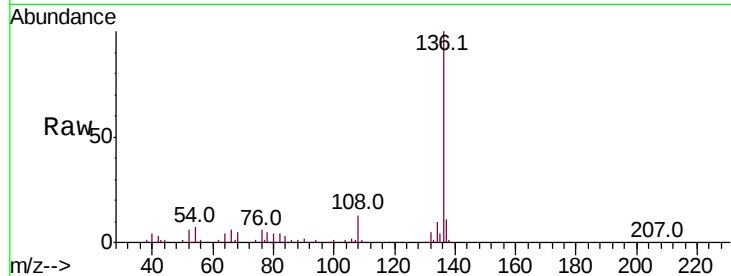
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	168647		
137	10.8	9.5	14.3	
54	7.2	7.6	11.4	
68	4.9	3.9	5.9	

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#22

Acetophenone

Concen: 50.475 ng

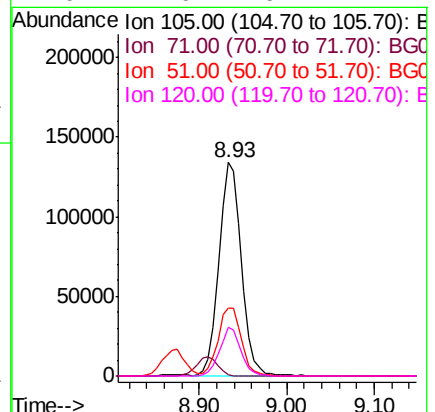
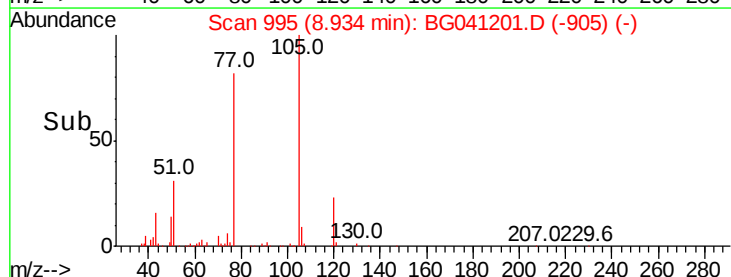
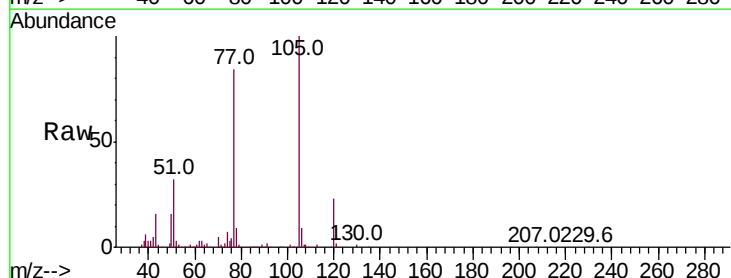
RT: 8.93 min Scan# 995

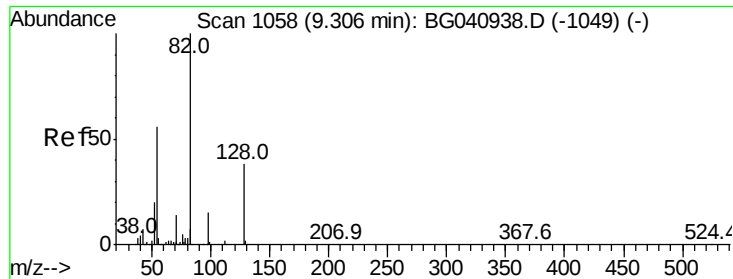
Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	238787		
71	0.5	0.4	0.6	
51	31.8	27.0	40.6	
120	22.9	16.2	24.4	





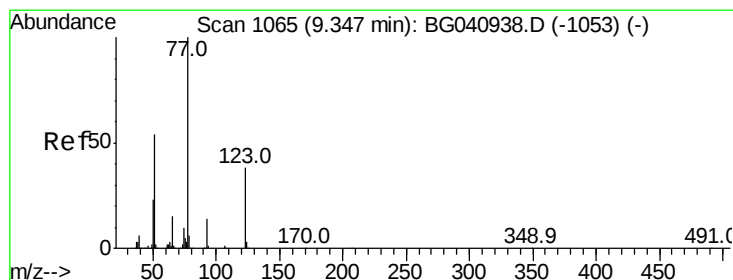
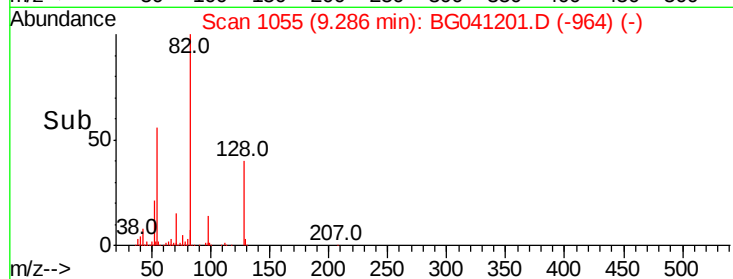
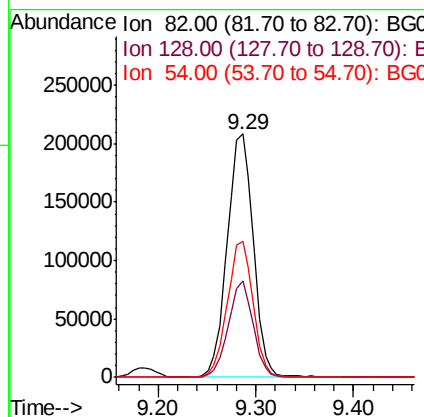
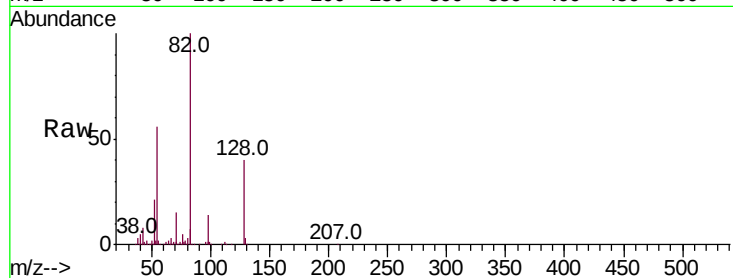
#23
 Nitrobenzene-d5
 Concen: 101.845 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041201.D
 Acq: 12 Jun 2019 11:51

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.6	30.5	45.7	
54	56.1	44.6	66.8	

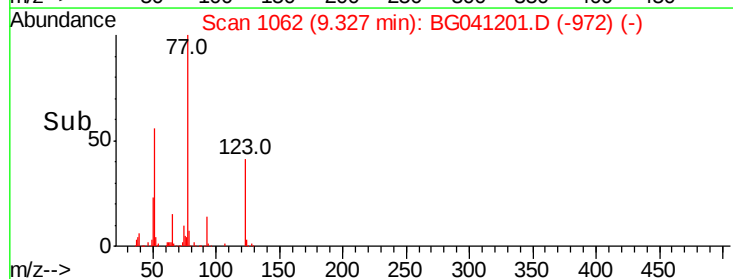
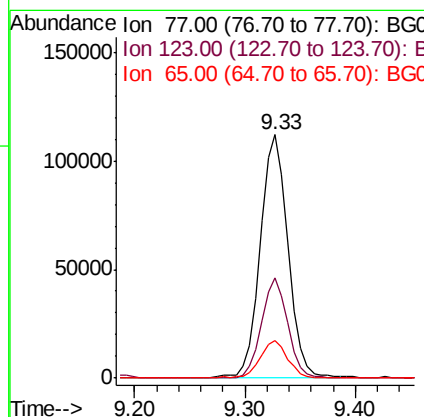
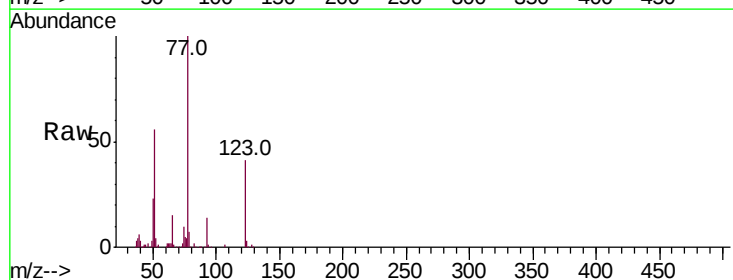
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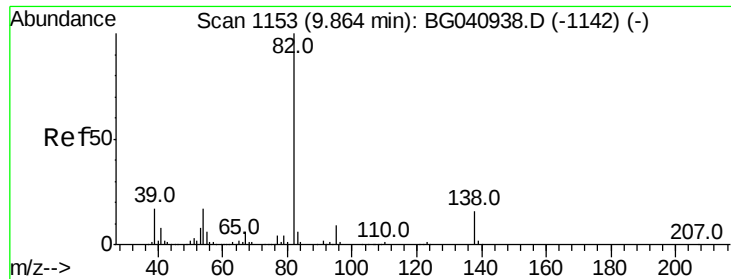
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#24
 Nitrobenzene
 Concen: 51.151 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041201.D
 Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.3	30.6	46.0	
65	15.4	12.3	18.5	





#25

Isophorone

Concen: 49.061 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

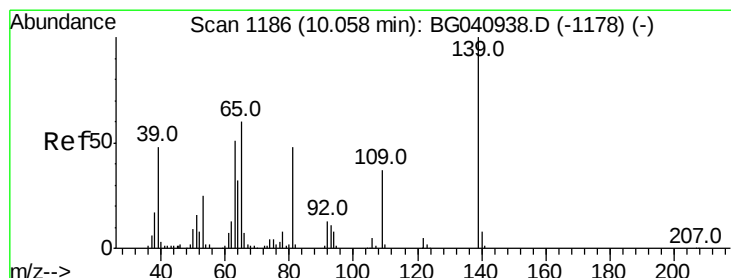
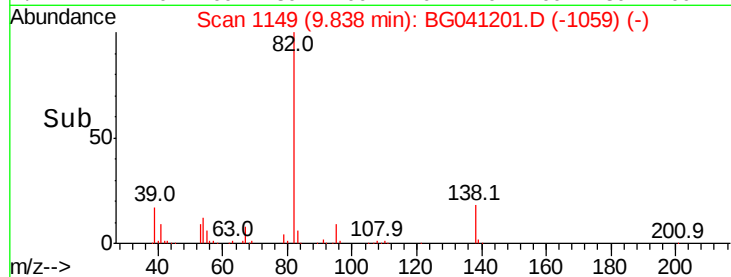
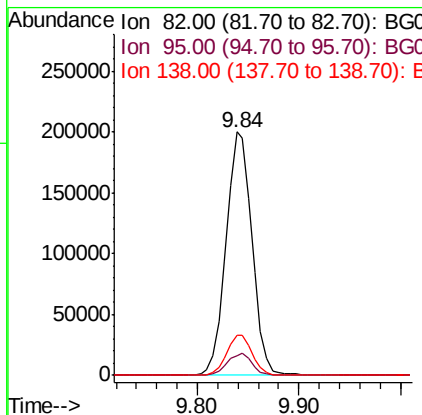
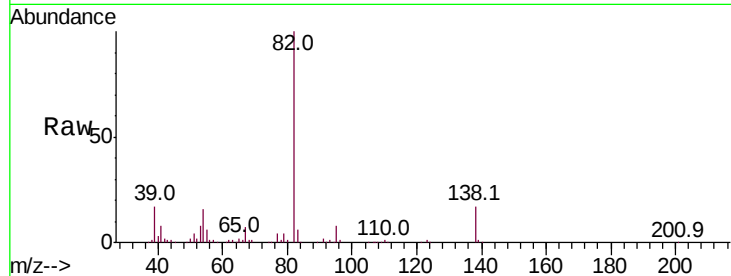
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:	82	Resp:	354694
Ion Ratio	Lower	Upper	
82	100		
95	7.9	7.0	10.4
138	16.6	12.6	19.0

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#26

2-Nitrophenol

Concen: 56.085 ng

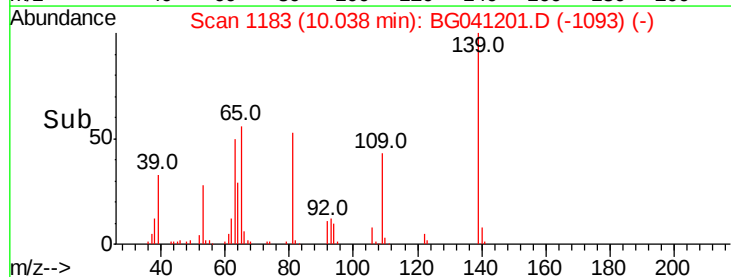
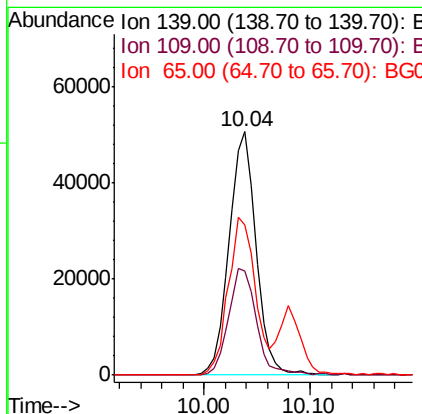
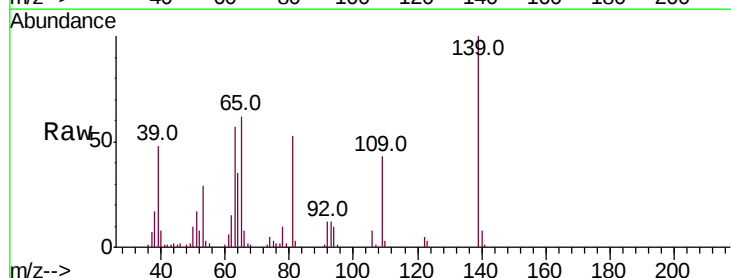
RT: 10.04 min Scan# 1183

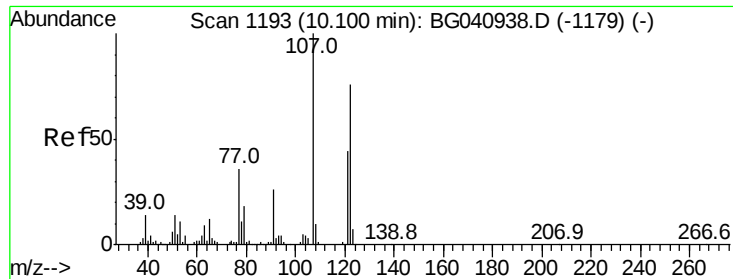
Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion:	139	Resp:	89511
Ion Ratio	Lower	Upper	
139	100		
109	43.0	29.8	44.6
65	61.6	47.8	71.6





#27

2,4-Dimethylphenol

Concen: 56.375 ng

RT: 10.08 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

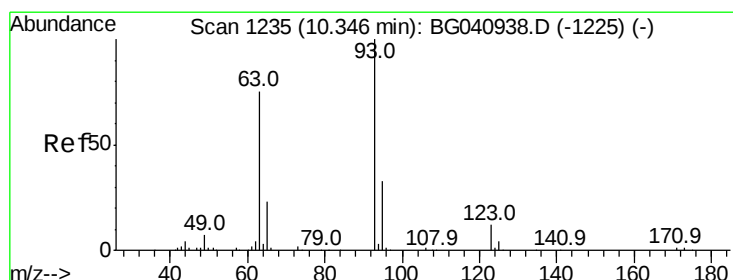
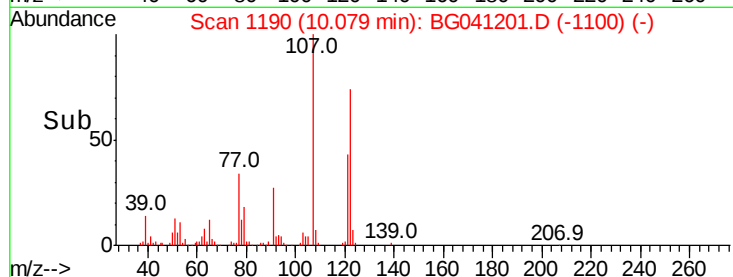
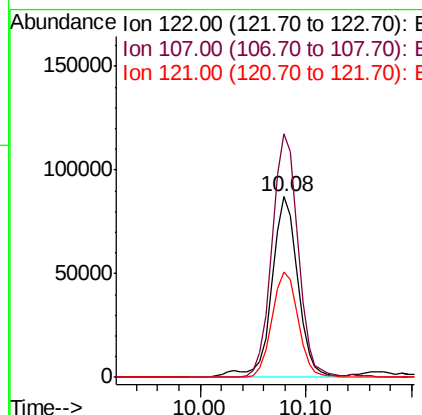
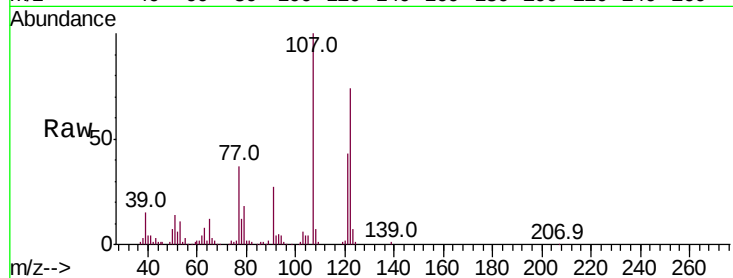
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.9	105.9	158.9
121	58.6	46.2	69.4

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#28

bis(2-Chloroethoxy)methane

Concen: 47.479 ng

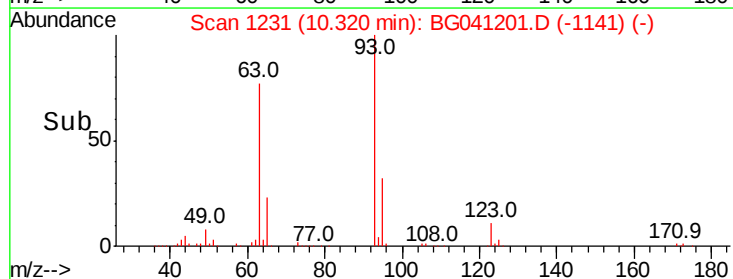
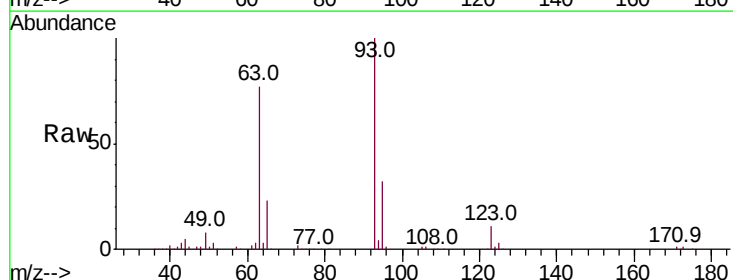
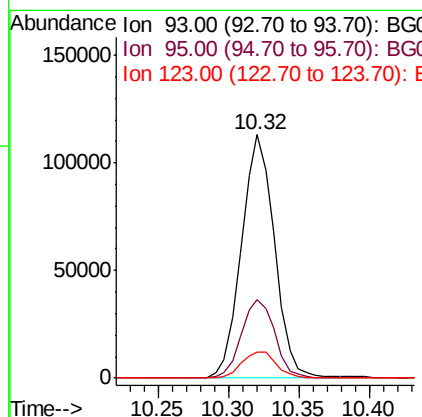
RT: 10.32 min Scan# 1231

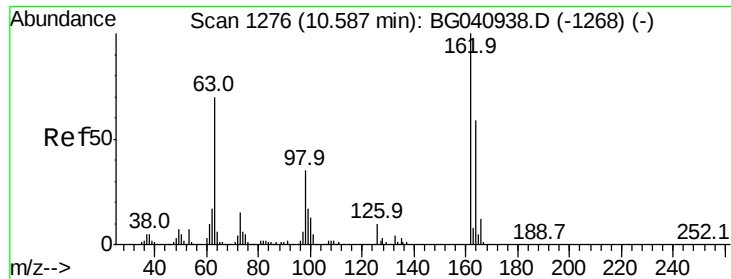
Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	10.5	9.5	14.3





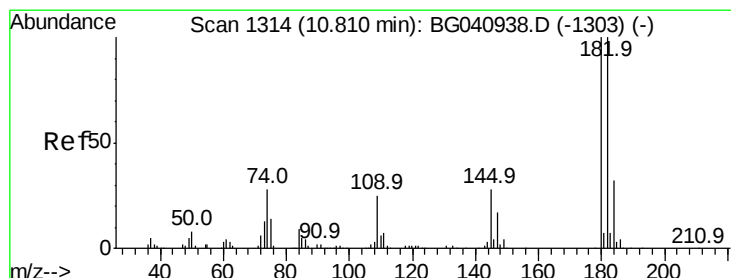
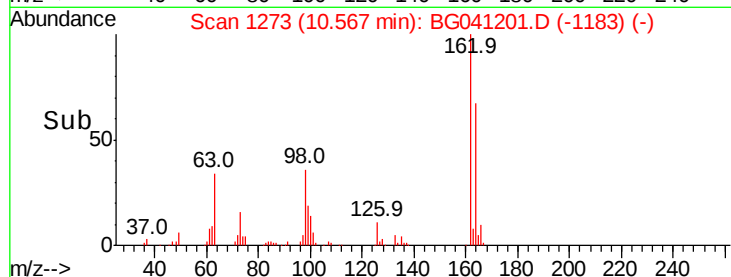
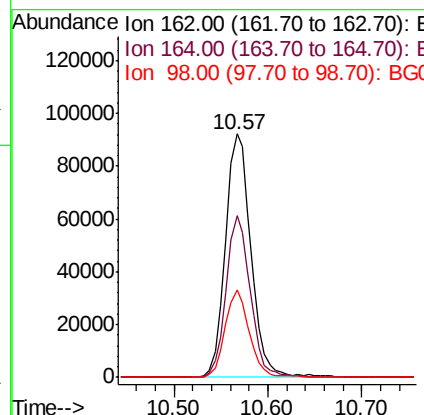
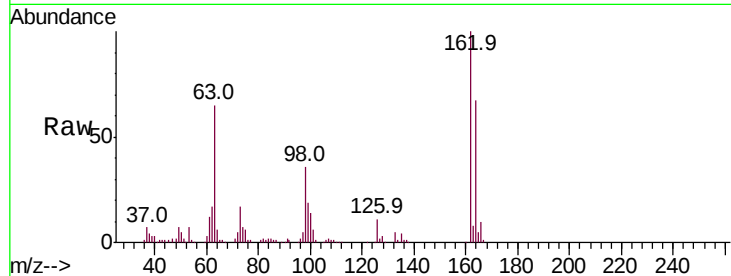
#29
2,4-Dichlorophenol
Concen: 52.172 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	174633		
164	66.5	39.4	79.4	
98	35.7	15.3	55.3	

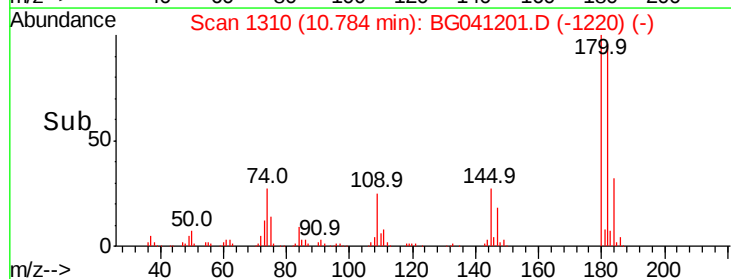
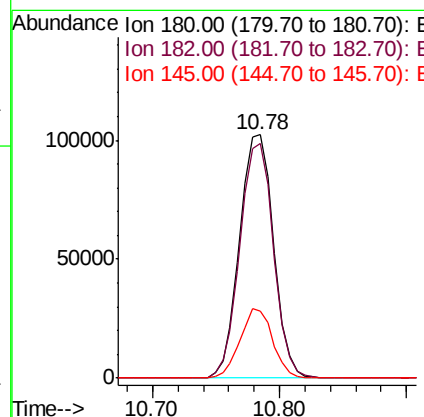
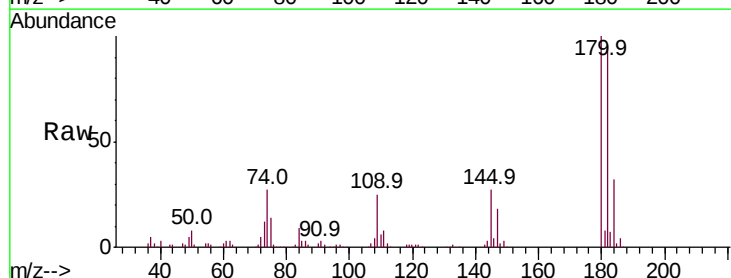
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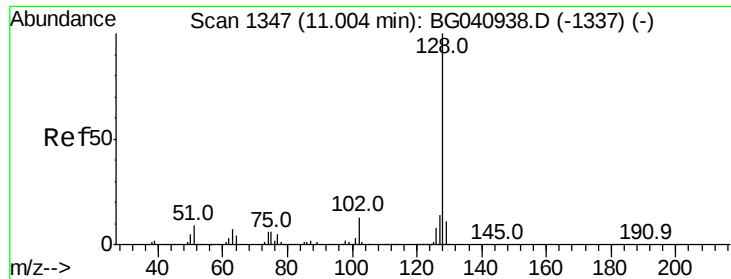
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#30
1,2,4-Trichlorobenzene
Concen: 49.930 ng
RT: 10.78 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	190122		
182	96.2	79.7	119.5	
145	27.3	22.6	34.0	





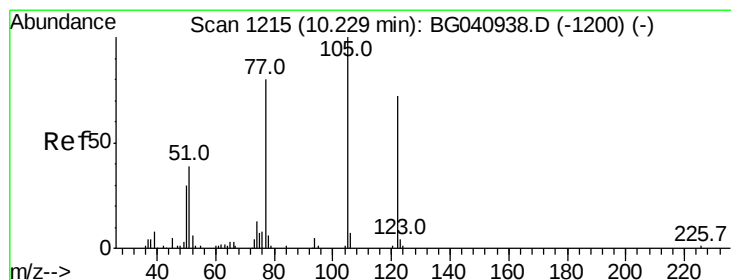
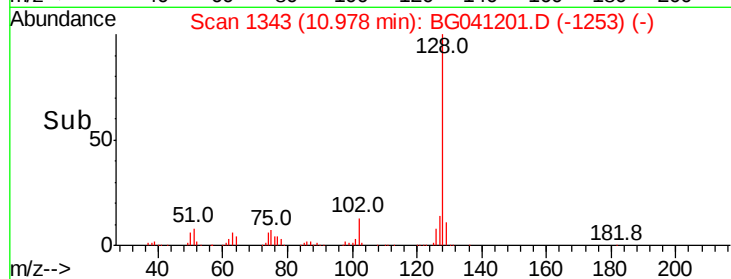
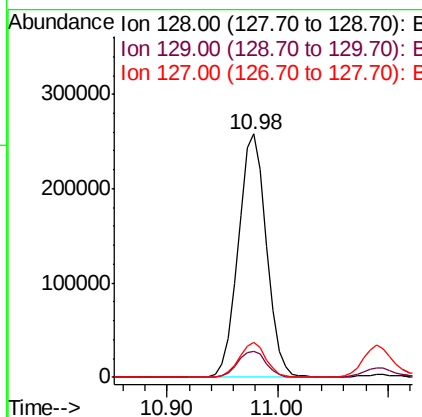
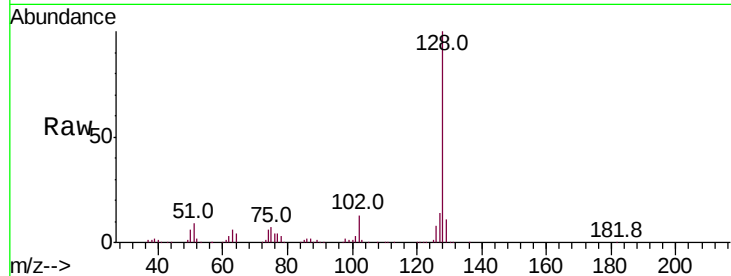
#31
Naphthalene
Concen: 51.030 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	14.4	11.4	17.2

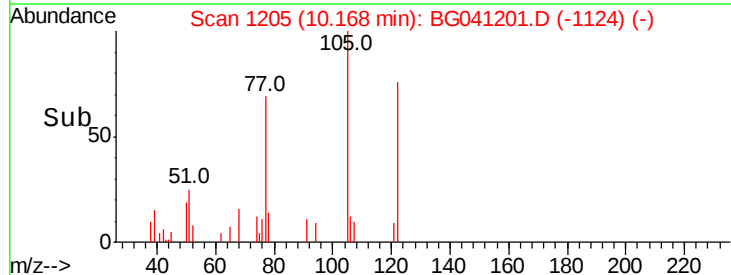
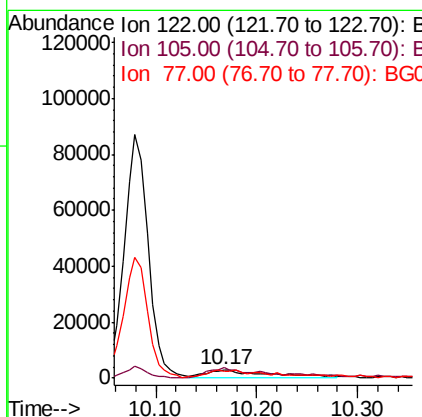
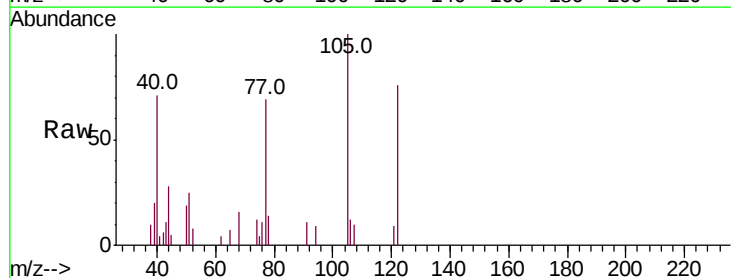
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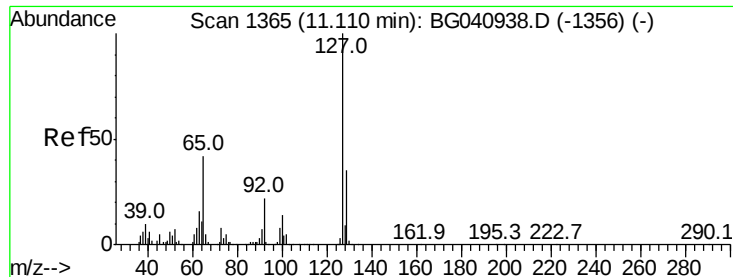
mohammad
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#32
Benzoic acid
Concen: 12.509 ng m
RT: 10.17 min Scan# 1205
Delta R.T. -0.05 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.7	114.8	154.8
77	91.1	89.9	129.9





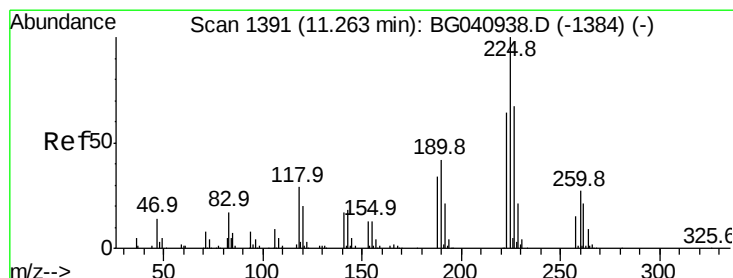
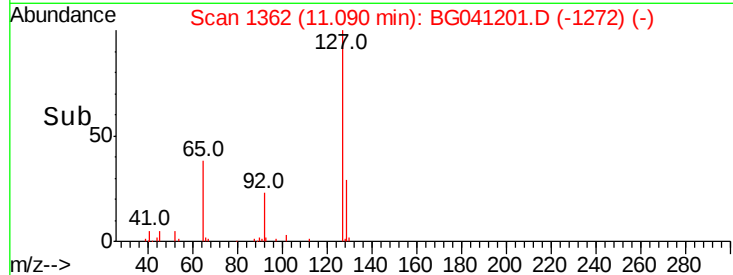
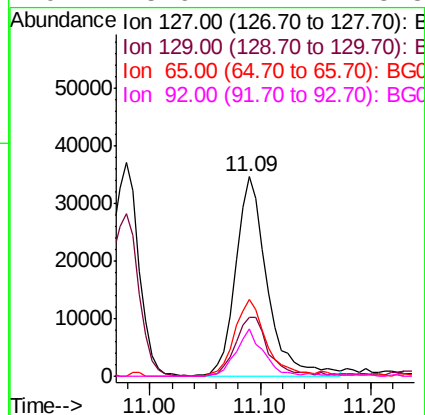
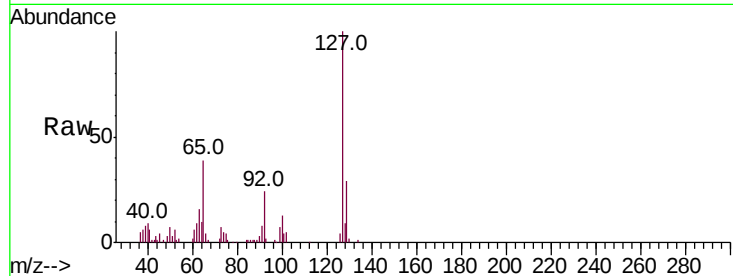
#33
4-Chloroaniline
Concen: 16.598 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.4	27.7	41.5
65	38.8	33.2	49.8
92	23.6	17.2	25.8

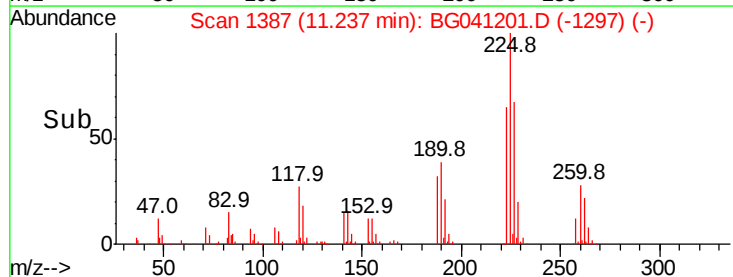
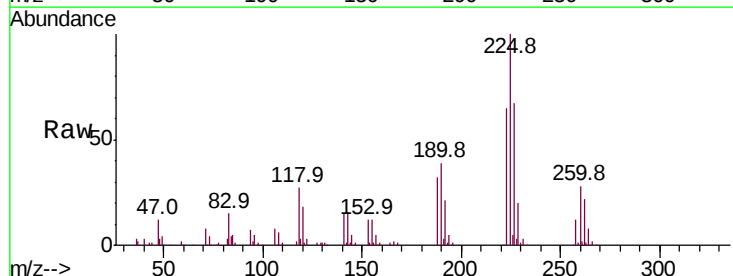
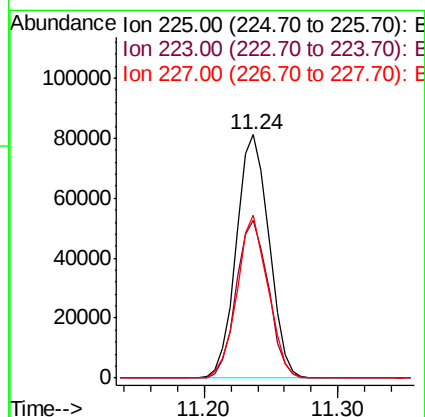
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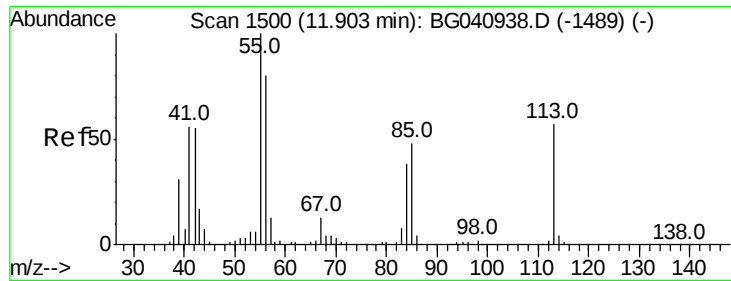
mohammad
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#34
Hexachlorobutadiene
Concen: 47.268 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.8	73.2
227	66.7	51.4	77.0





#35

Caprolactam

Concen: 47.333 ng/mL

RT: 11.89 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:113 Resp: 52319

Ion Ratio Lower Upper

113 100

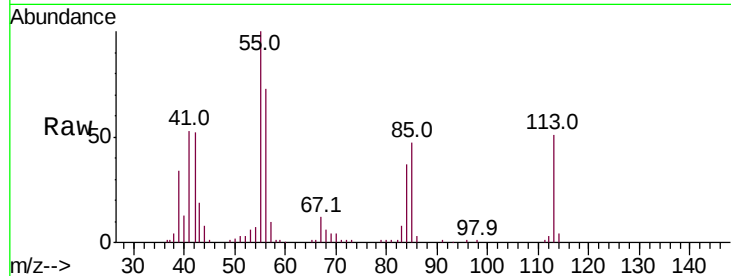
55 198.0 155.9 195.9#

56 143.7 119.9 159.9

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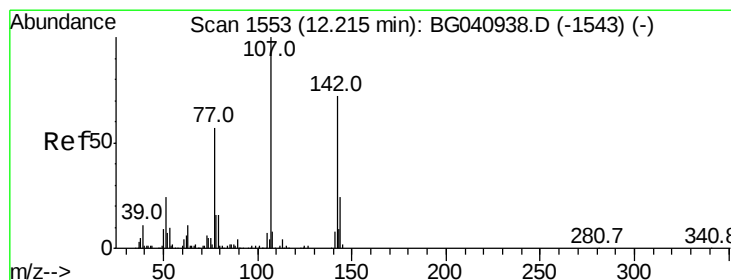
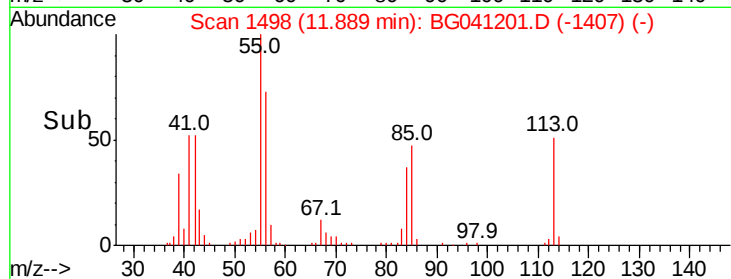
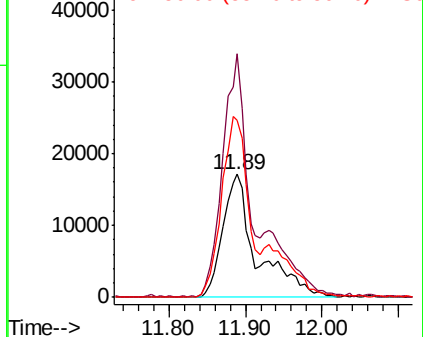


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.392 ng/mL

RT: 12.19 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

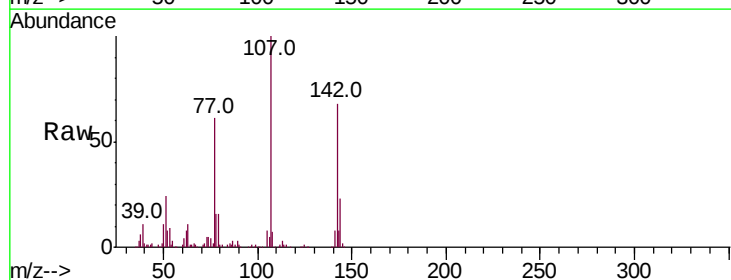
Tgt Ion:107 Resp: 196458

Ion Ratio Lower Upper

107 100

144 22.9 19.4 29.0

142 67.8 57.3 85.9

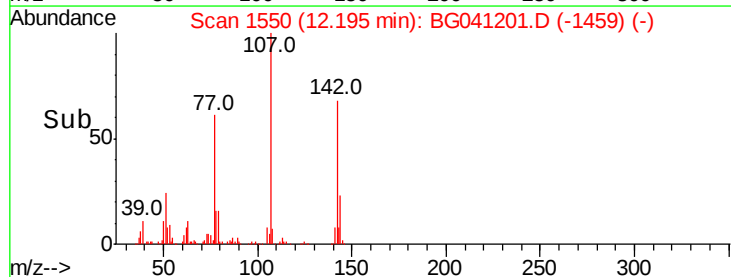
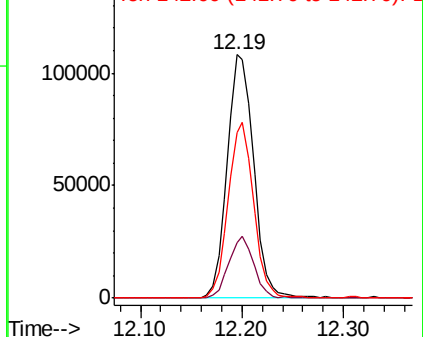


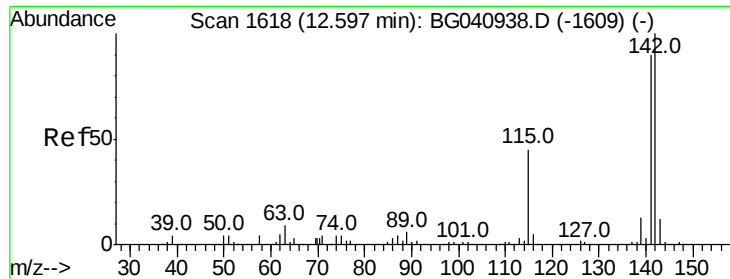
Abundance

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





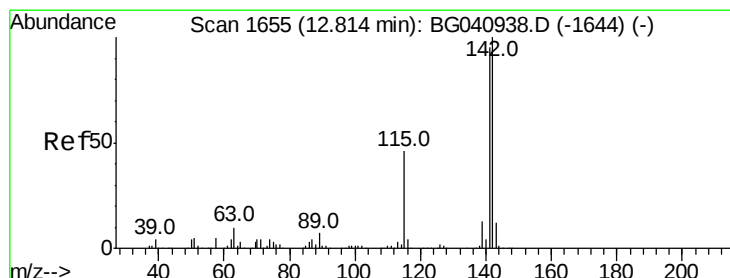
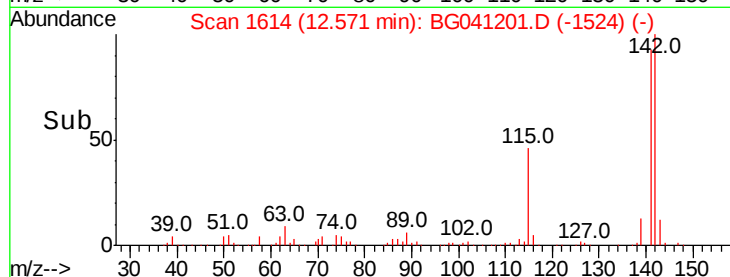
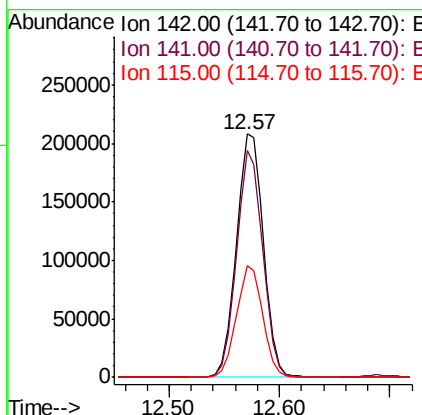
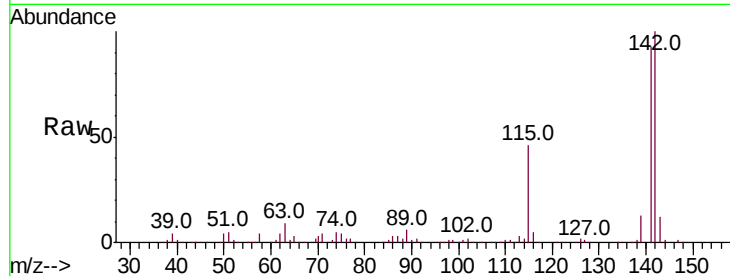
#37
2-Methylnaphthalene
Concen: 51.269 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.2	108.4
115	45.7	36.2	54.4

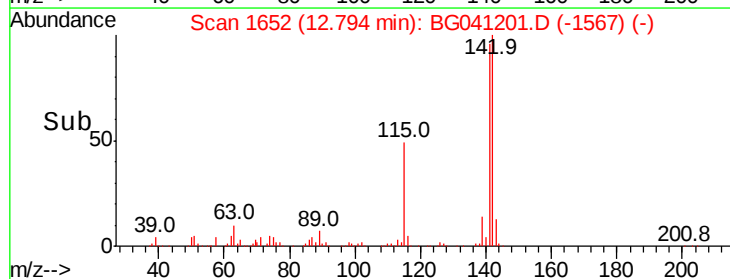
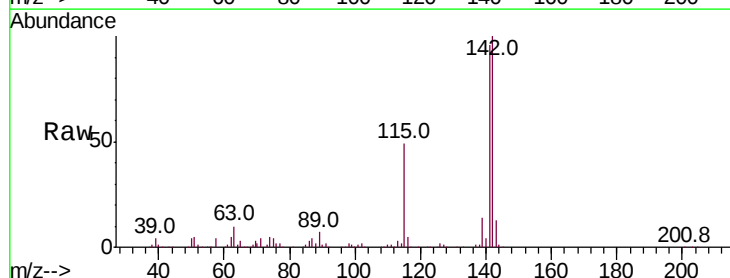
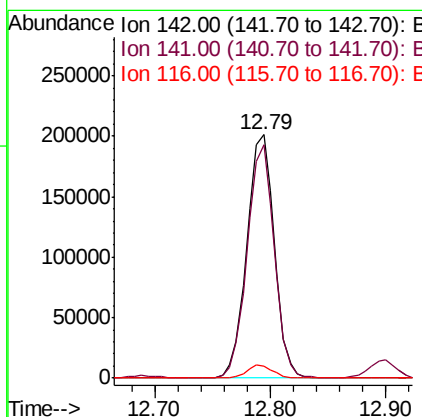
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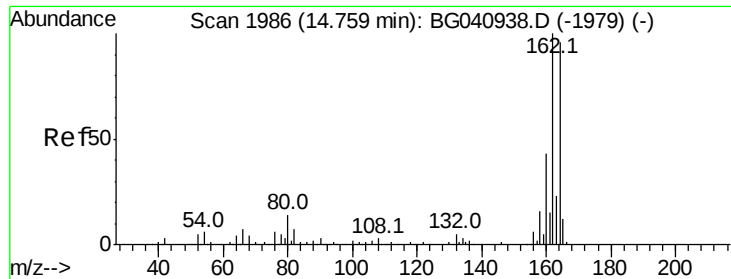
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#38
1-Methylnaphthalene
Concen: 50.815 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	75.7	113.5
116	5.1	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

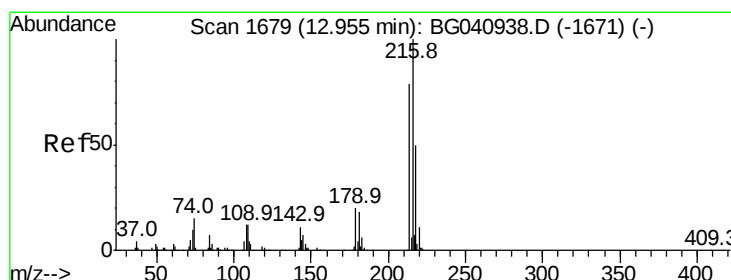
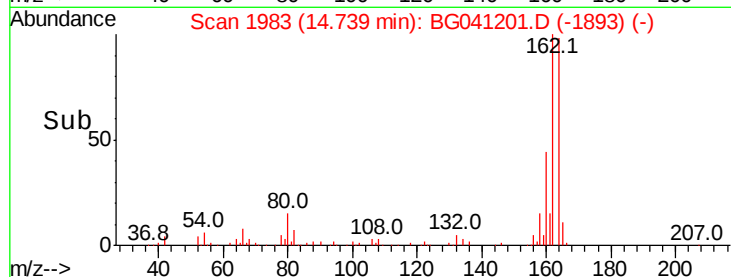
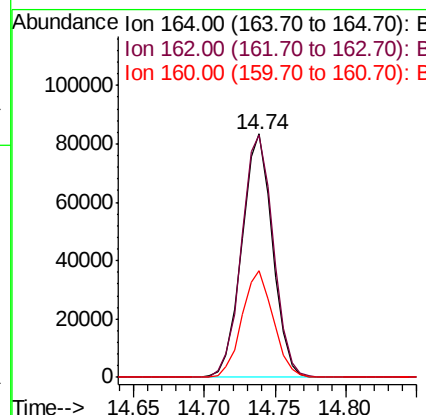
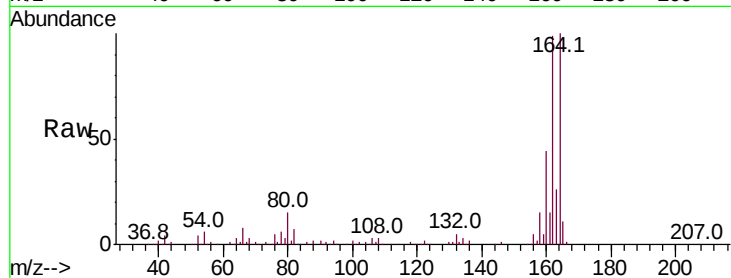
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:	164	Resp:	126293
Ion Ratio	Lower	Upper	
164	100		
162	99.5	83.0	124.4
160	43.6	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.675 ng

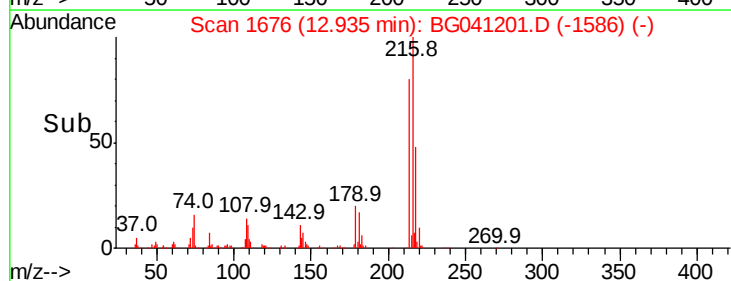
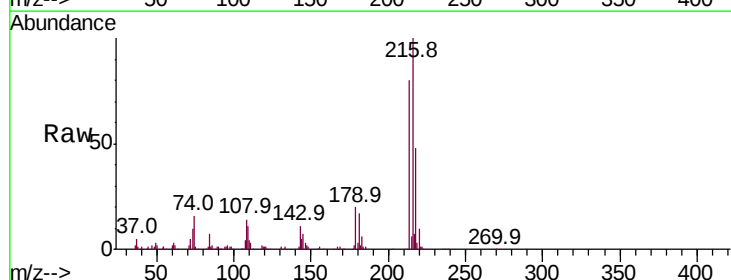
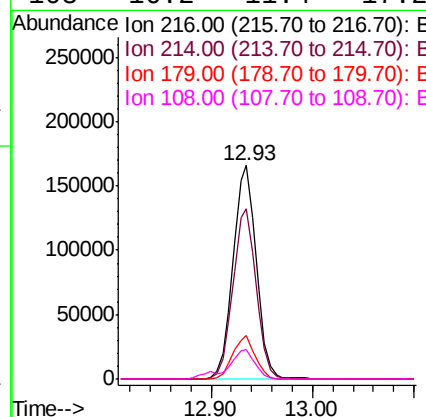
RT: 12.93 min Scan# 1676

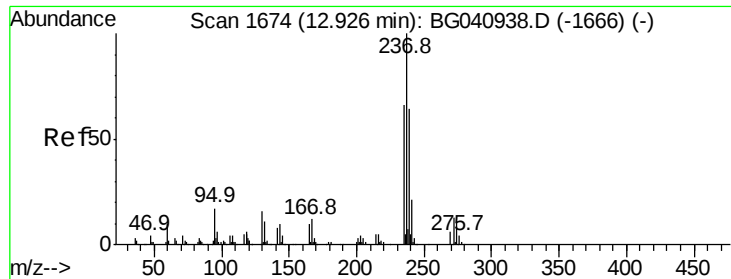
Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion:	216	Resp:	263040
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.4	95.2
179	19.6	15.2	22.8
108	16.2	11.4	17.2





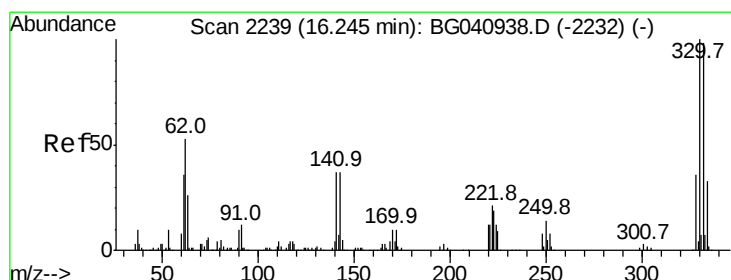
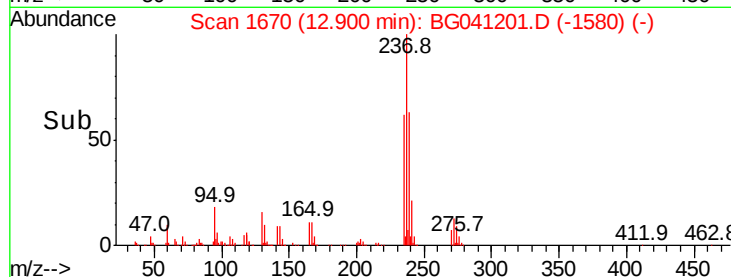
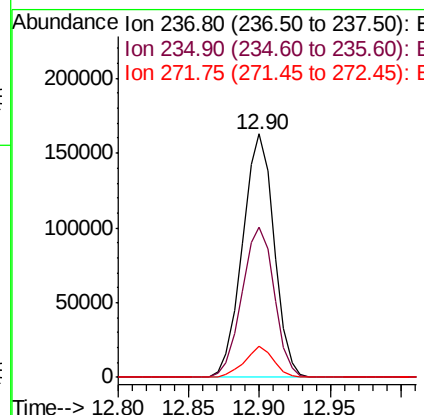
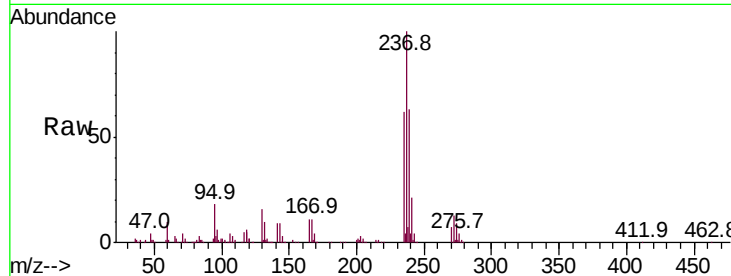
#41
Hexachlorocyclopentadiene
Concen: 91.894 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	255181		
235	61.6	45.5	85.5	
272	12.6	0.0	32.9	

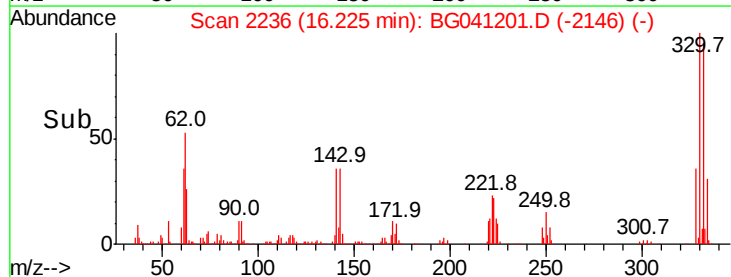
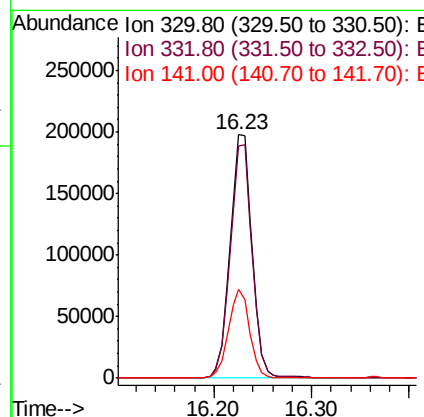
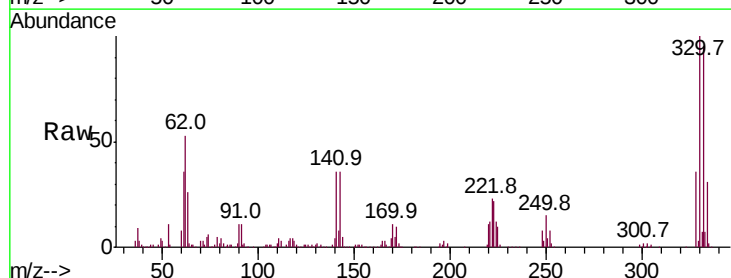
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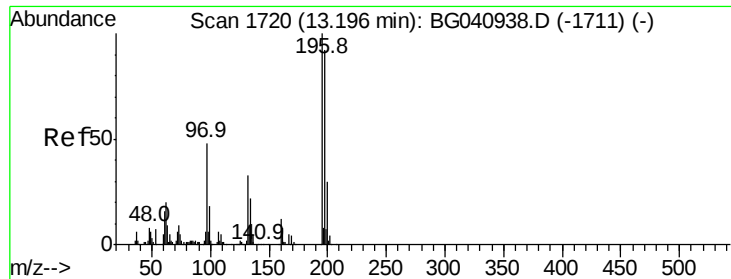
mohammad
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#42
2,4,6-Tribromophenol
Concen: 163.838 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	307182		
332	95.6	78.5	117.7	
141	35.5	28.7	43.1	





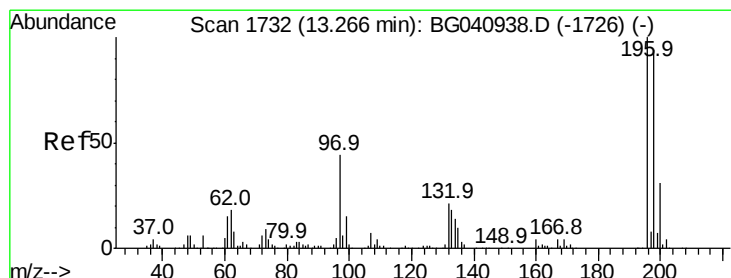
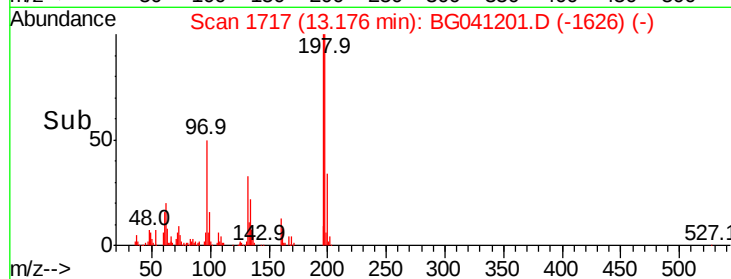
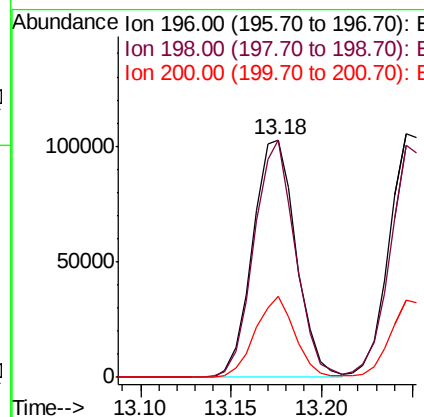
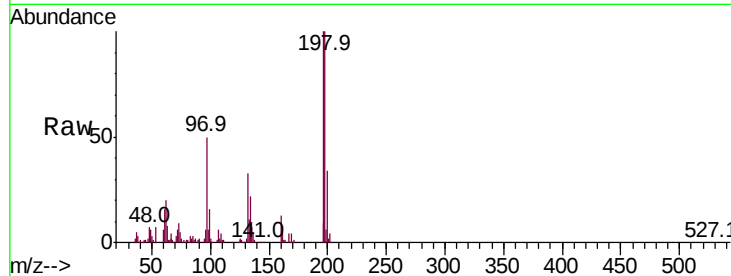
#43
 2,4,6-Trichlorophenol
 Concen: 51.939 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG041201.D
 Acq: 12 Jun 2019 11:51

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	171032		
198	99.7	73.8	110.6	
200	34.2	24.1	36.1	

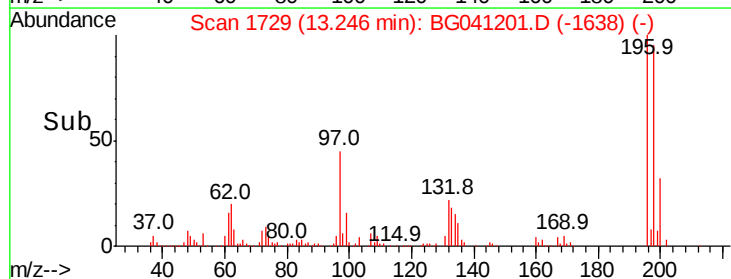
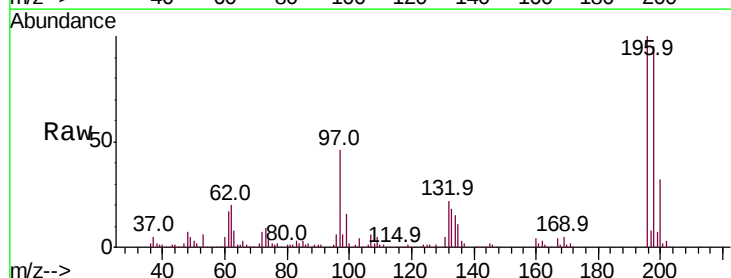
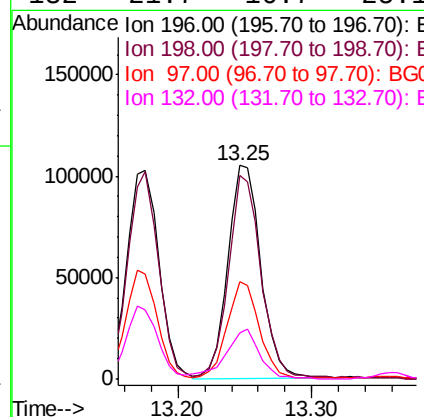
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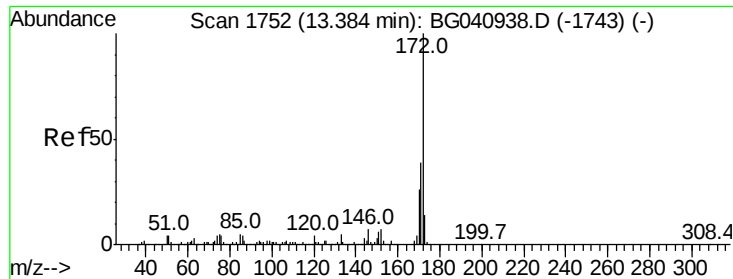
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 52.542 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041201.D
 Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182473		
198	95.3	75.1	112.7	
97	45.6	35.6	53.4	
132	21.7	16.7	25.1	





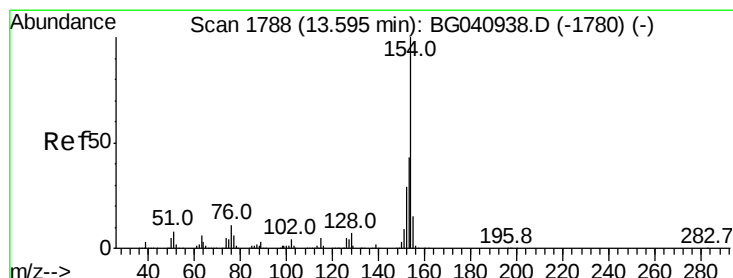
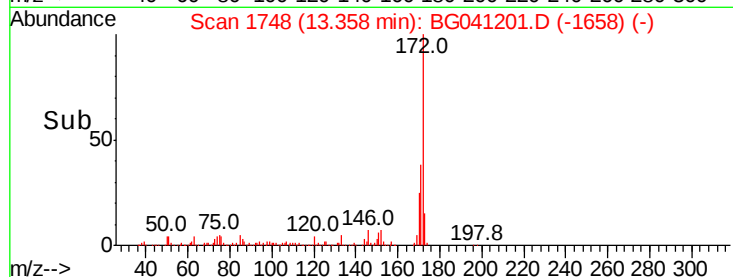
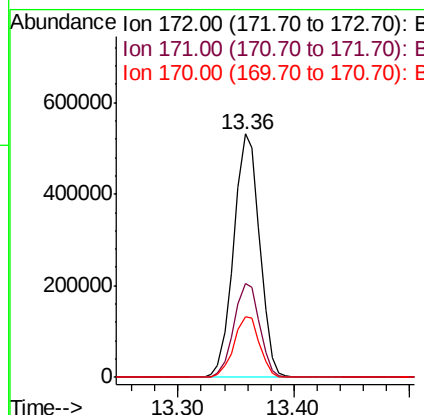
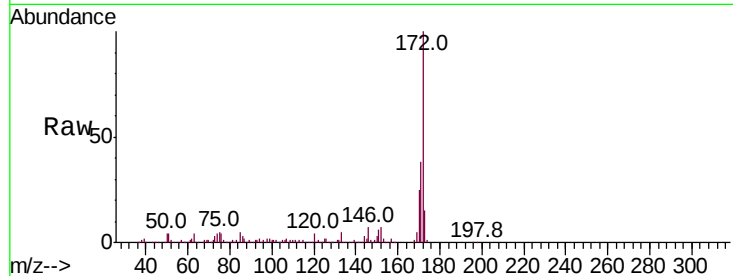
#45
2-Fluorobiphenyl
Concen: 94.118 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	825389		
171	38.4		31.1	46.7
170	24.8		20.5	30.7

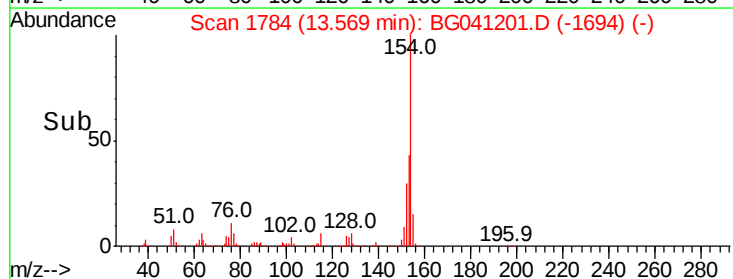
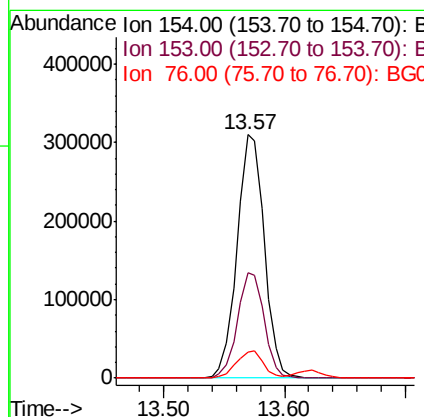
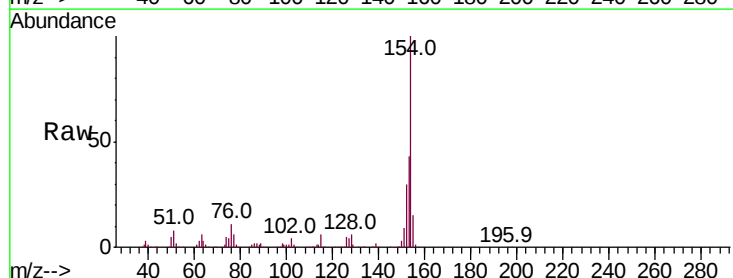
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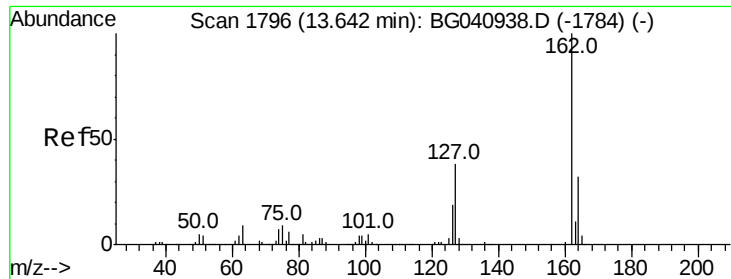
mohammad
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#46
1,1'-Biphenyl
Concen: 52.177 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	487773		
153	43.2		23.3	63.3
76	10.8		0.0	31.1





#47

2-Chloronaphthalene

Concen: 50.866 ng

RT: 13.62 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

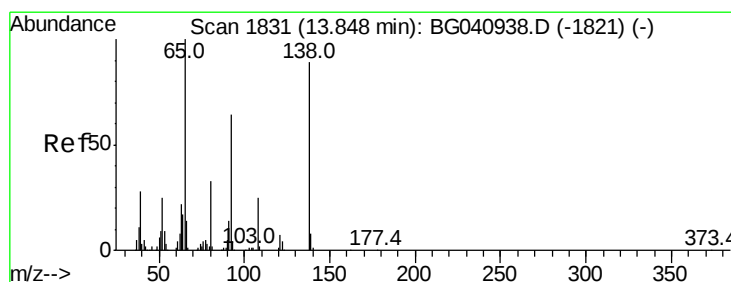
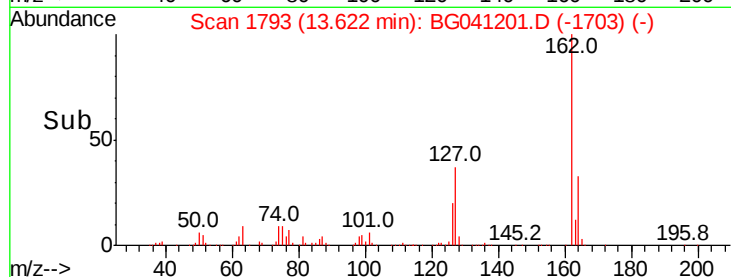
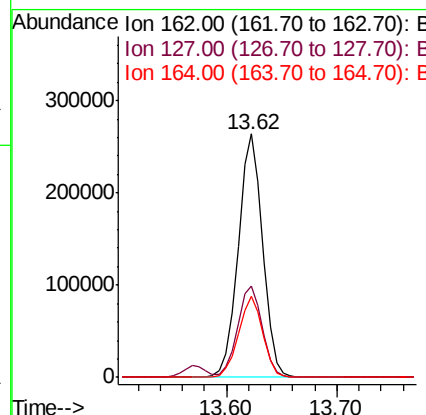
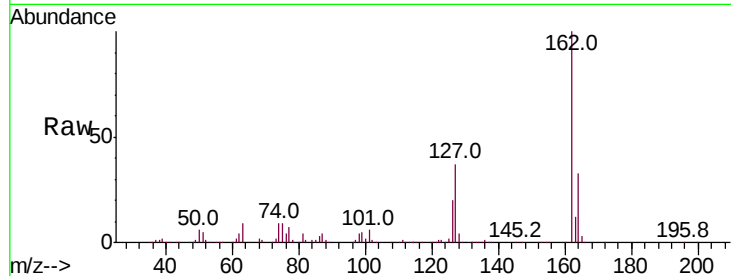
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:	162	Resp:	408229
Ion Ratio	Lower	Upper	
162	100		
127	37.3	30.5	45.7
164	33.1	25.8	38.6

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#48

2-Nitroaniline

Concen: 51.527 ng

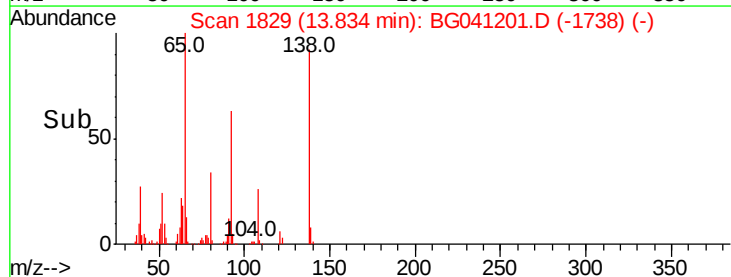
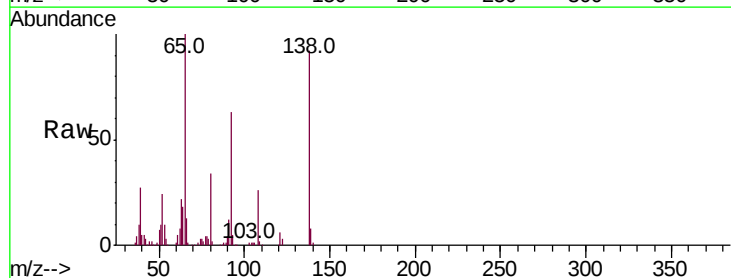
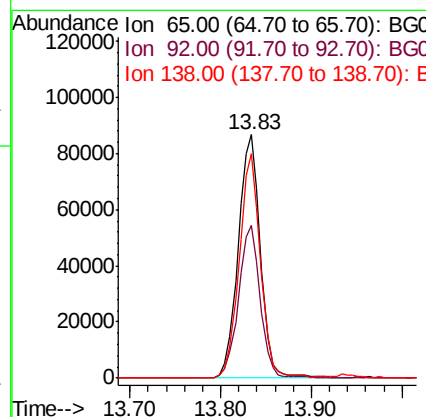
RT: 13.83 min Scan# 1829

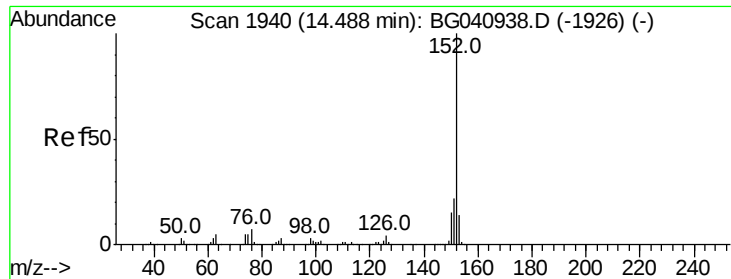
Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion:	65	Resp:	148352
Ion Ratio	Lower	Upper	
65	100		
92	62.5	51.0	76.6
138	92.1	71.2	106.8





#49

Acenaphthylene

Concen: 51.900 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

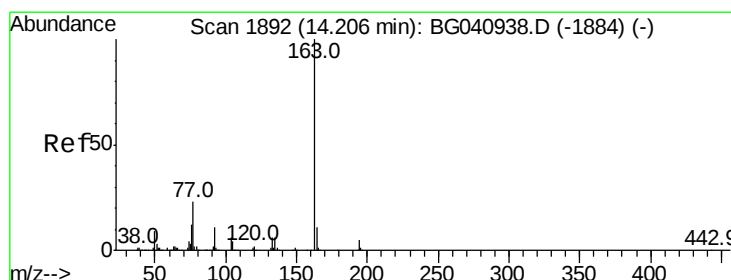
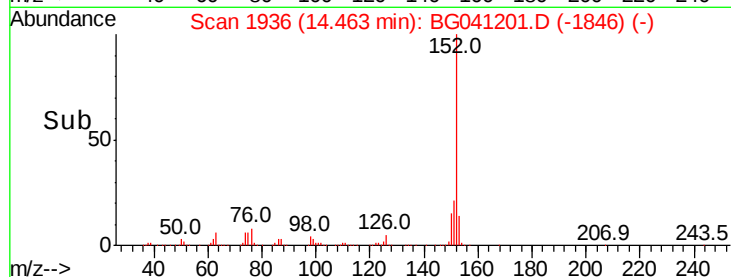
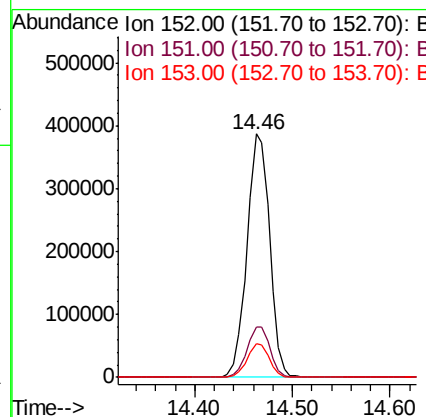
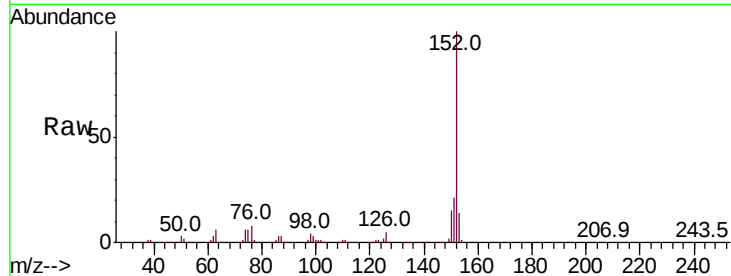
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:	152	Resp:	626894
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.4	26.0
153	13.8	11.0	16.4

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#50

Dimethylphthalate

Concen: 55.653 ng

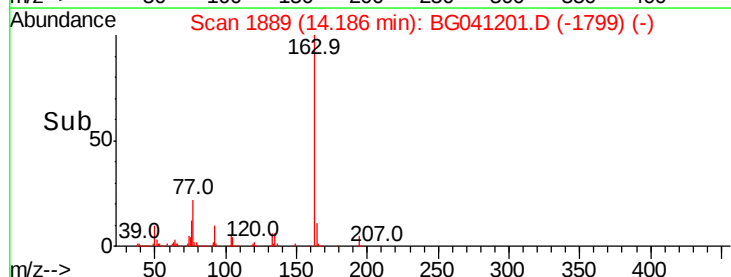
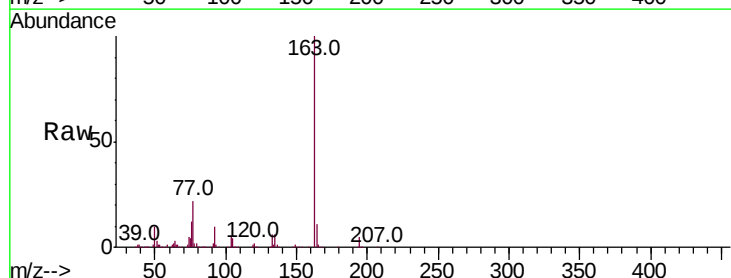
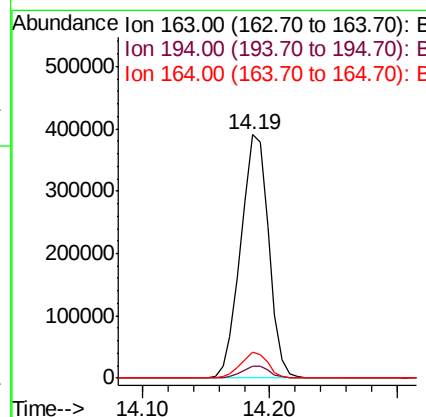
RT: 14.19 min Scan# 1889

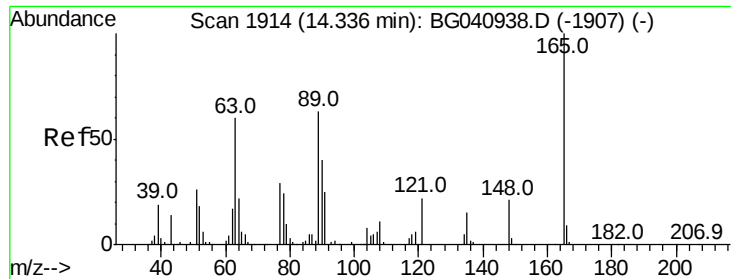
Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion:	163	Resp:	594971
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.8	5.8
164	10.8	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 51.503 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:165 Resp: 118715

Ion Ratio Lower Upper

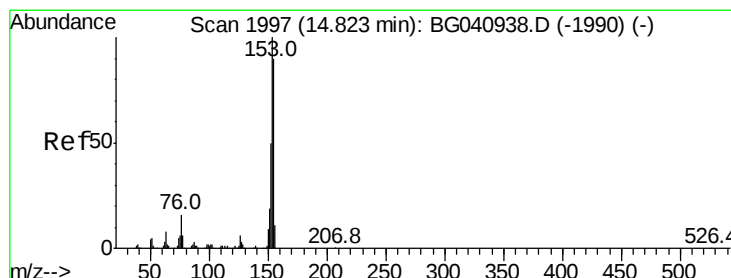
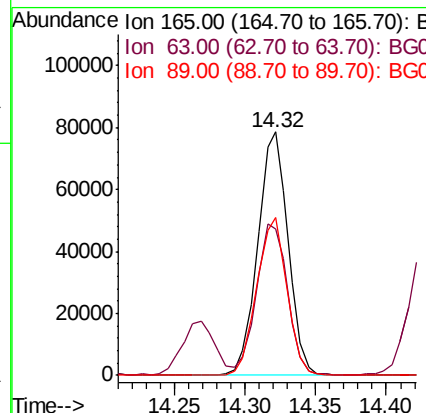
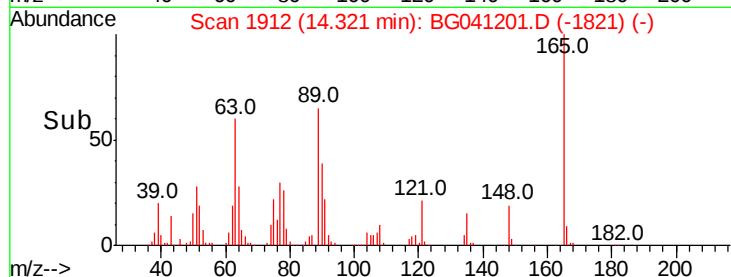
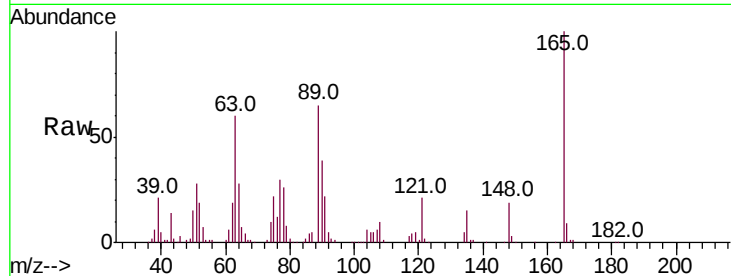
165 100

63 60.3 53.6 80.4

89 64.9 50.4 75.6

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#52

Acenaphthene

Concen: 50.290 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

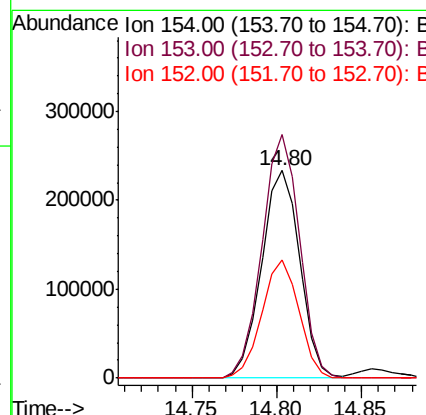
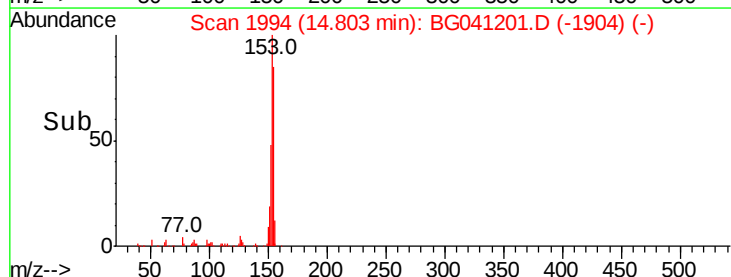
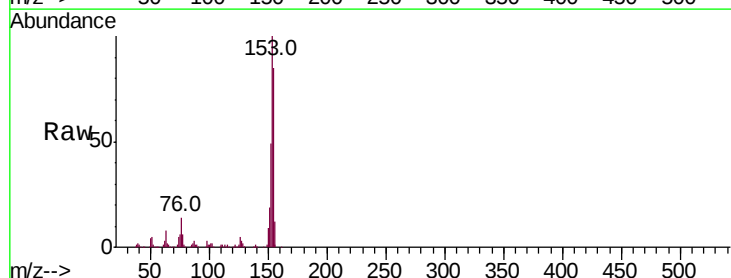
Tgt Ion:154 Resp: 367990

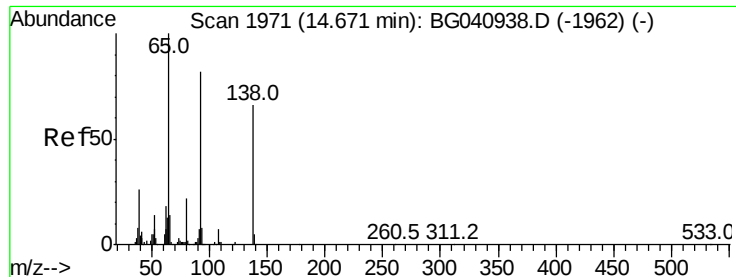
Ion Ratio Lower Upper

154 100

153 117.4 88.6 133.0

152 57.3 44.2 66.4





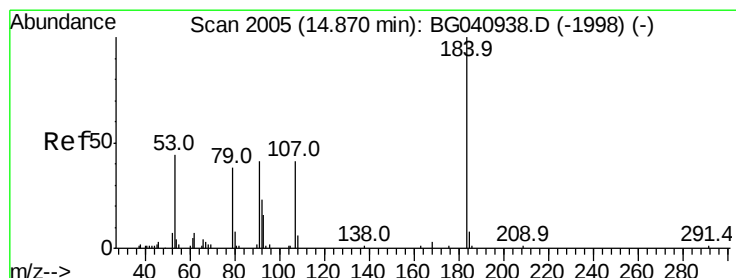
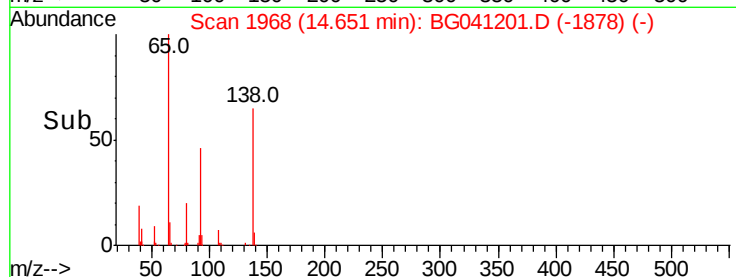
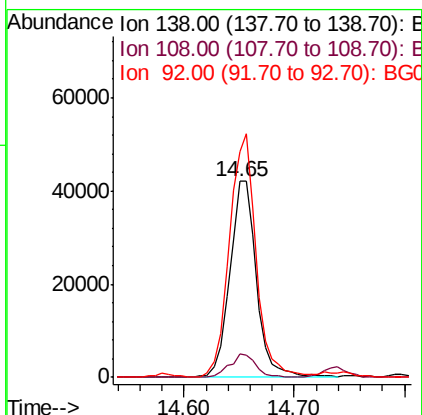
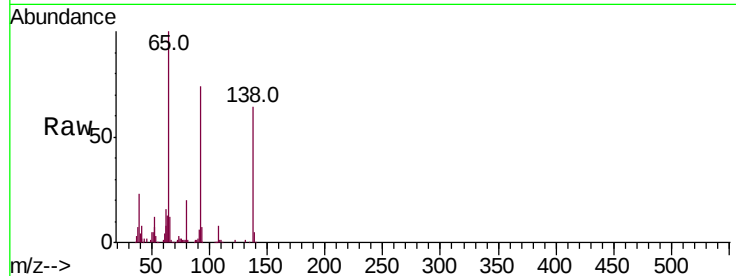
#53
3-Nitroaniline
Concen: 30.884 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.5	12.7
92	115.4	99.0	148.6

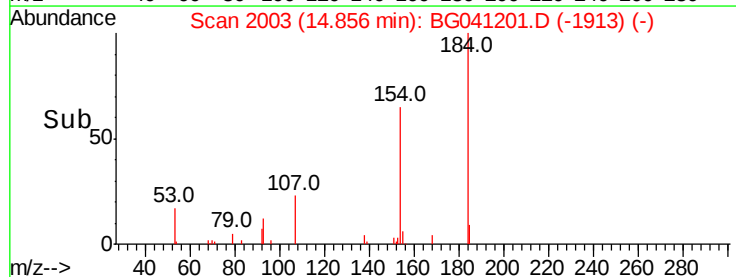
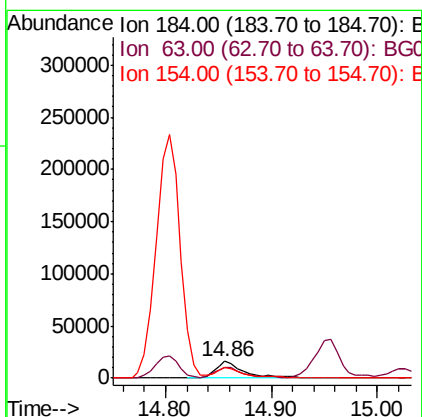
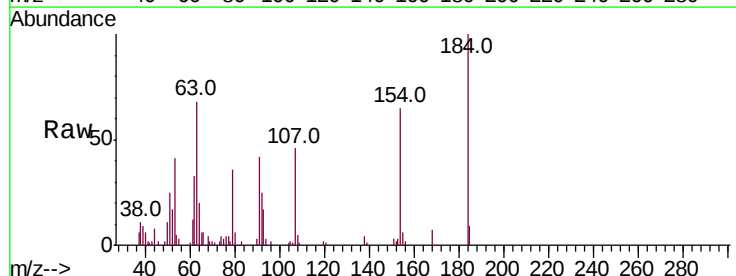
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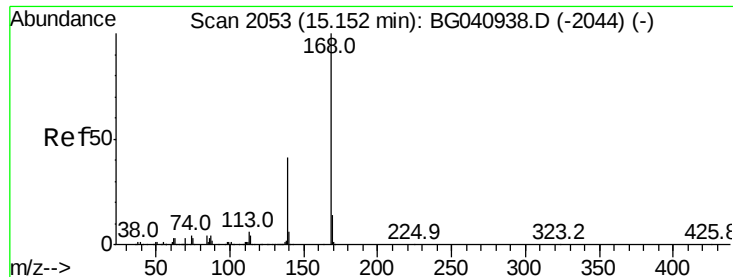
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#54
2,4-Dinitrophenol
Concen: 36.644 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	49.8	74.6
154	64.7	52.2	78.4





#55

Dibenzofuran

Concen: 52.026 ng

RT: 15.14 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

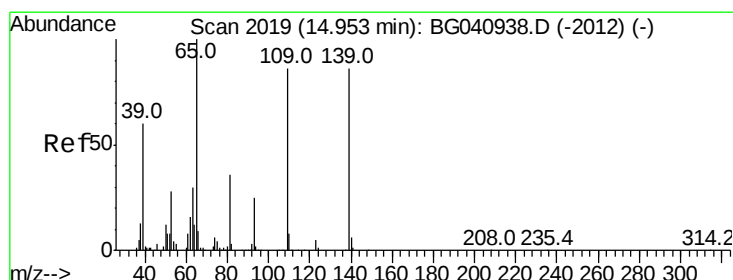
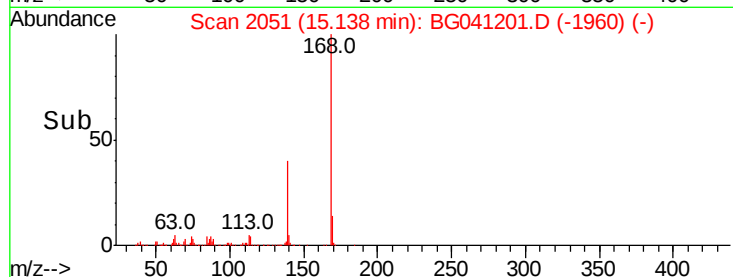
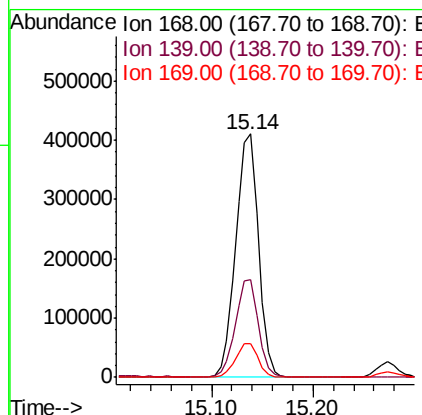
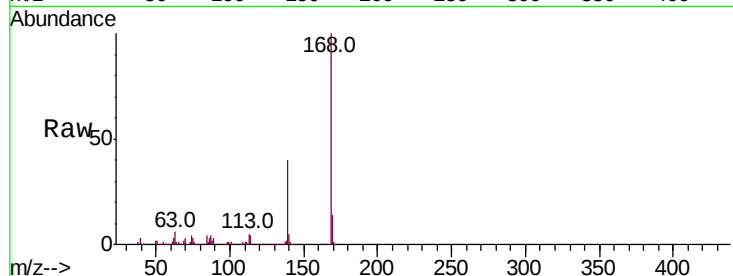
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:	168	Resp:	640563
Ion Ratio	Lower	Upper	
168	100		
139	40.3	32.8	49.2
169	14.0	11.3	16.9

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#56

4-Nitrophenol

Concen: 104.261 ng

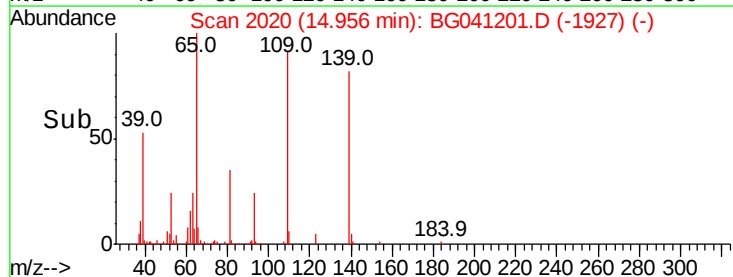
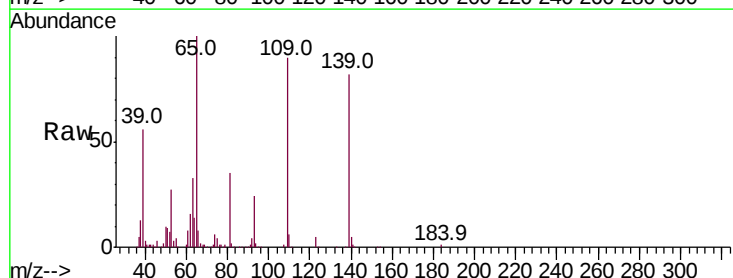
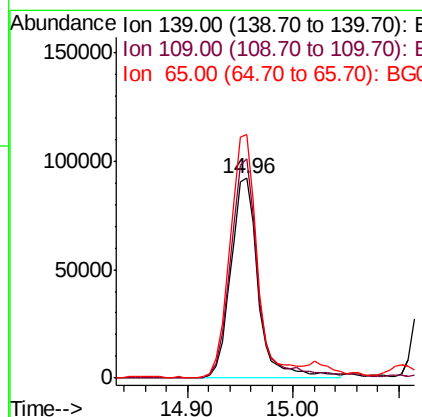
RT: 14.96 min Scan# 2020

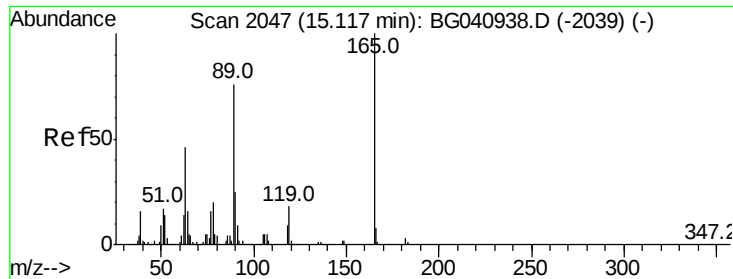
Delta R.T. 0.02 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion:	139	Resp:	164834
Ion Ratio	Lower	Upper	
139	100		
109	109.9	79.6	119.6
65	122.0	96.9	136.9





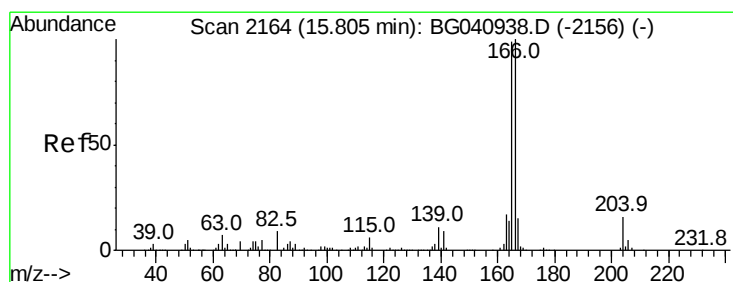
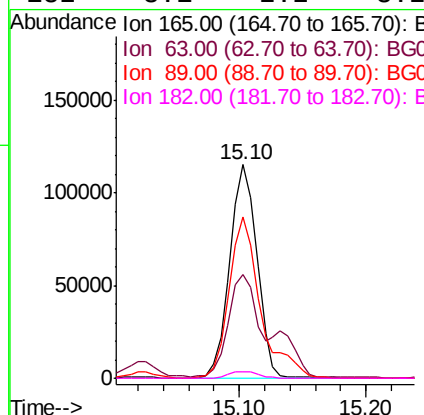
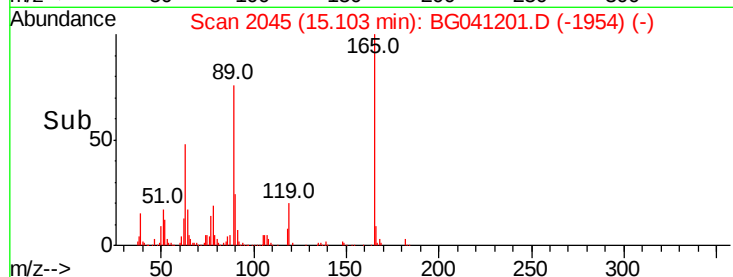
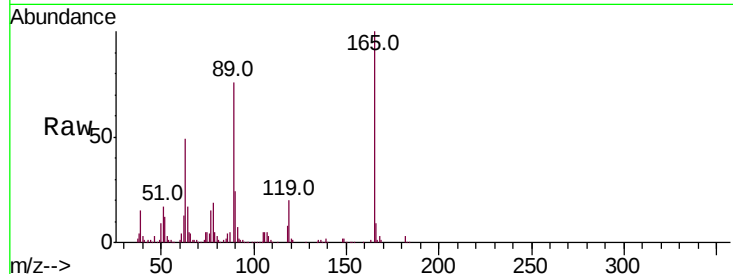
#57
2,4-Dinitrotoluene
Concen: 52.336 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.5	37.3	55.9	
89	75.5	61.0	91.6	
182	3.1	2.2	3.2	

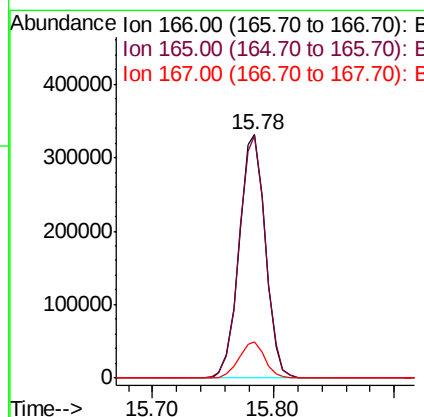
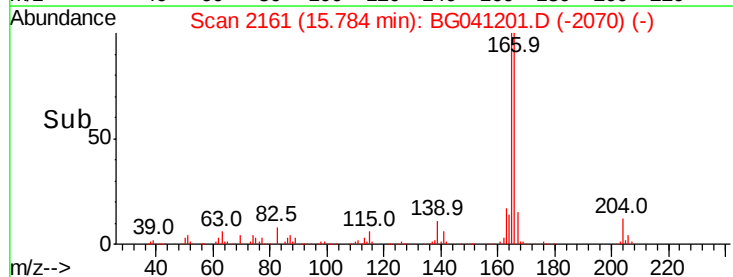
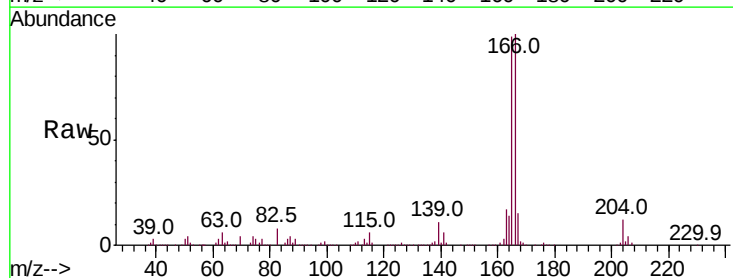
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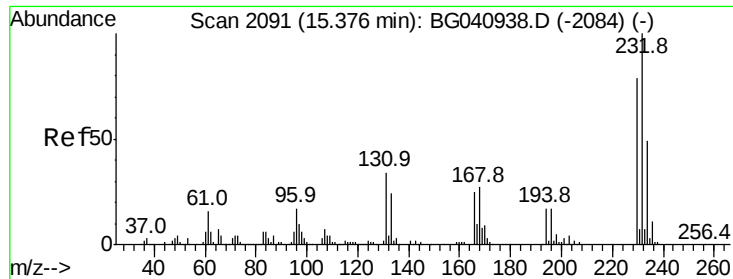
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#58
Fluorene
Concen: 51.222 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.3	79.2	118.8	
167	14.8	11.8	17.6	





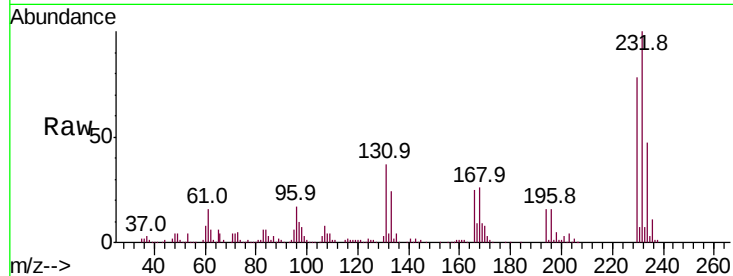
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.635 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: BG041201.D
 Acq: 12 Jun 2019 11:51

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMS

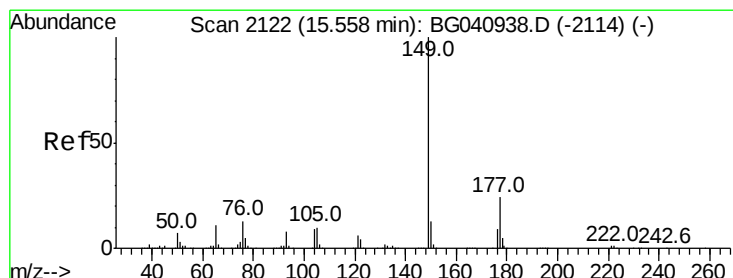
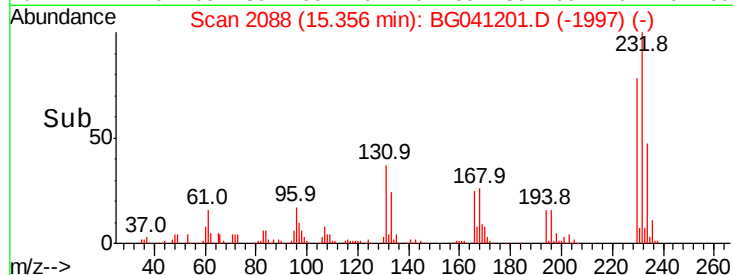
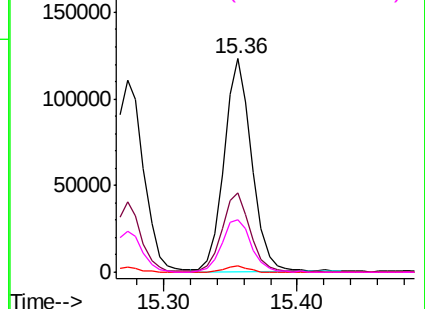
Tot Ion	Ratio	Resp	Lower	Upper
232	100	179641		
131	38.6	30.3	45.5	
130	2.5	1.8	2.8	
166	26.0	21.3	31.9	

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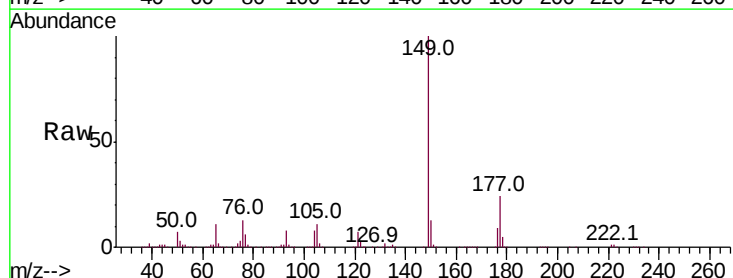


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

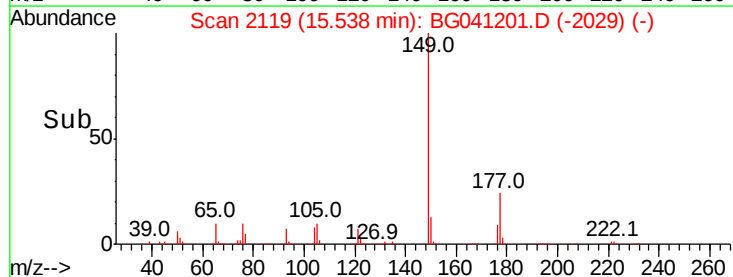
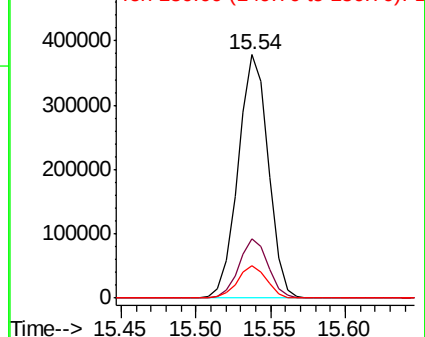


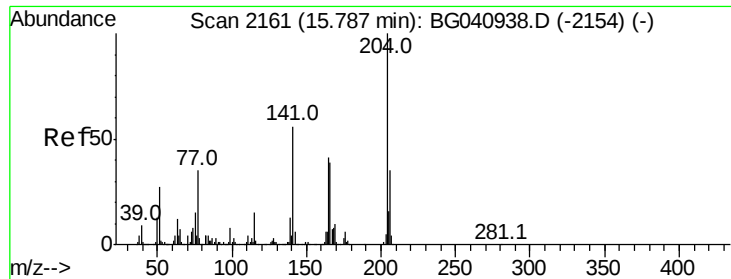
#60
 Diethylphthalate
 Concen: 48.710 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041201.D
 Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	531436		
177	24.2	19.4	29.0	
150	13.3	10.3	15.5	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





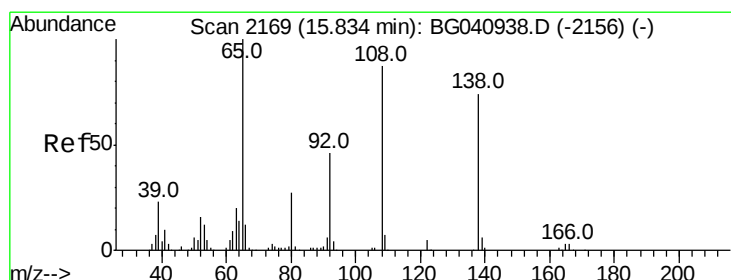
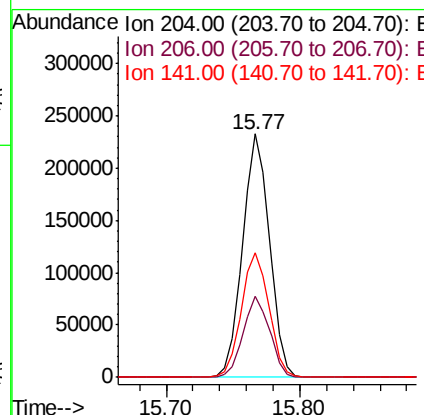
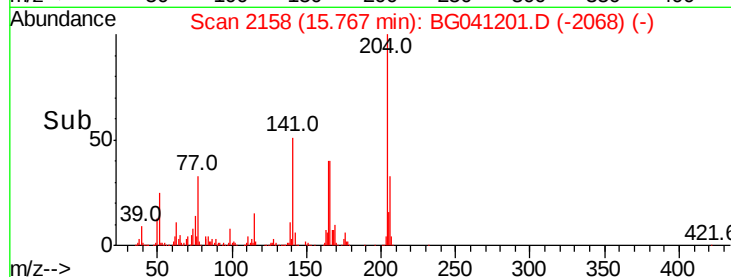
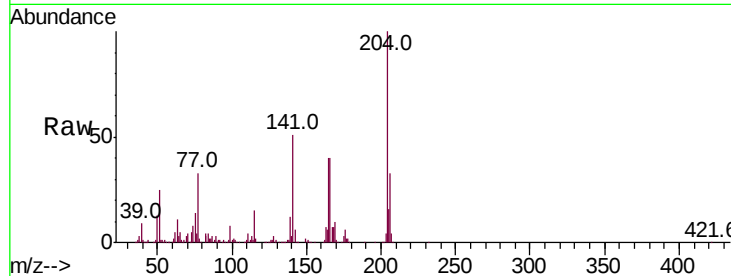
#61
4-Chlorophenyl-phenylether
Concen: 50.918 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.6	41.4
141	51.4	45.1	67.7

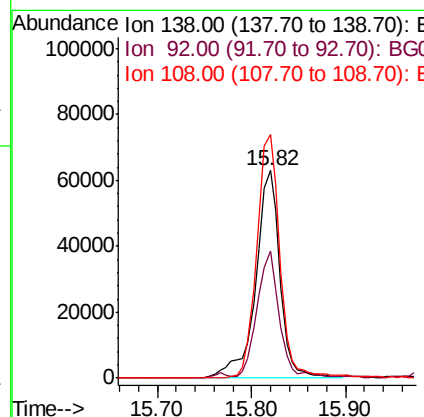
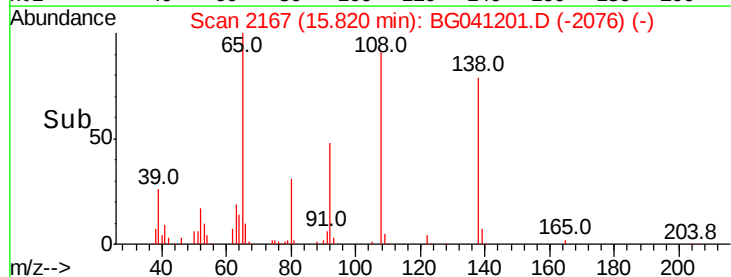
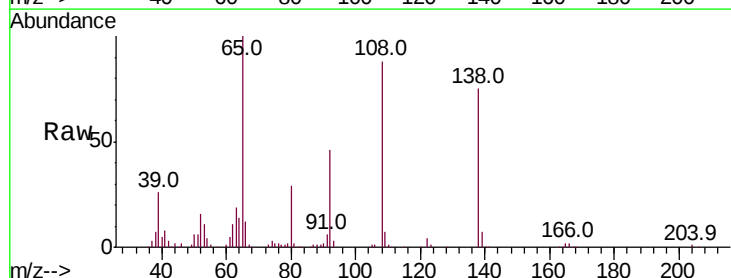
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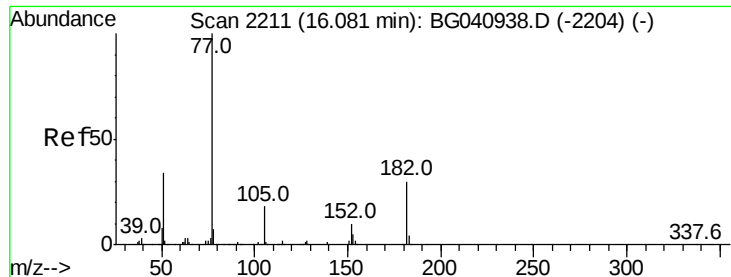
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#62
4-Nitroaniline
Concen: 46.388 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.3	42.4	82.4
108	117.5	96.9	136.9





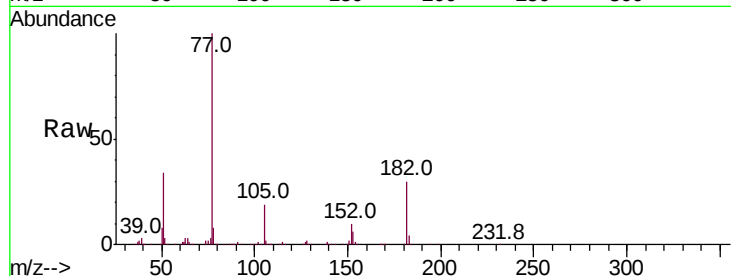
#63
Azobenzene
Concen: 49.904 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

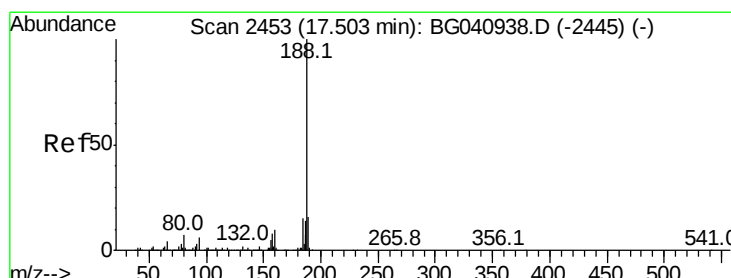
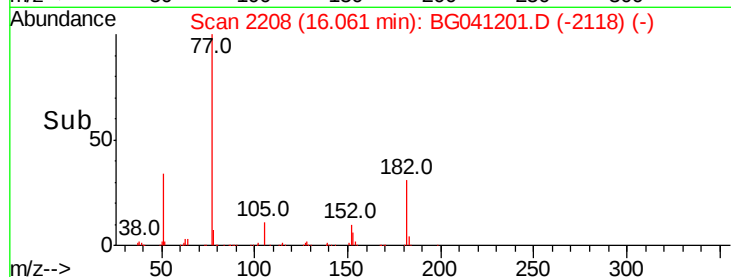
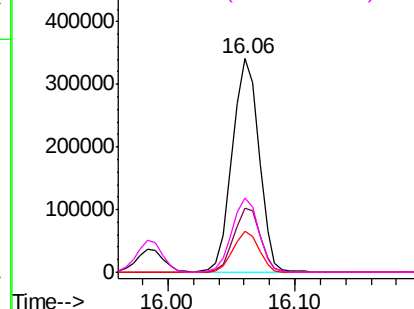
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.7	9.6	49.6		
105	19.5	0.0	37.5		
51	34.5	13.7	53.7		

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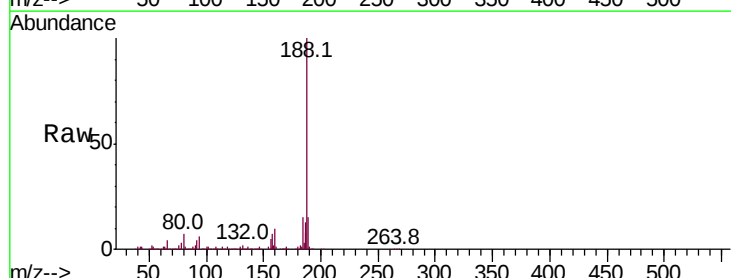


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

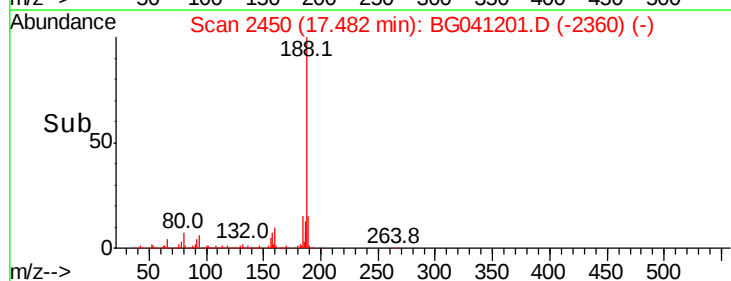
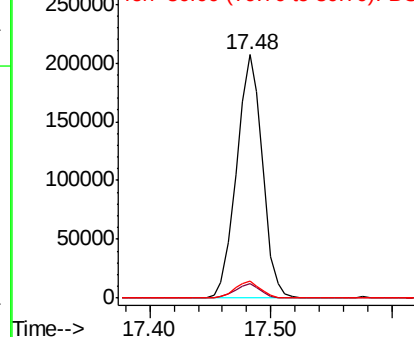


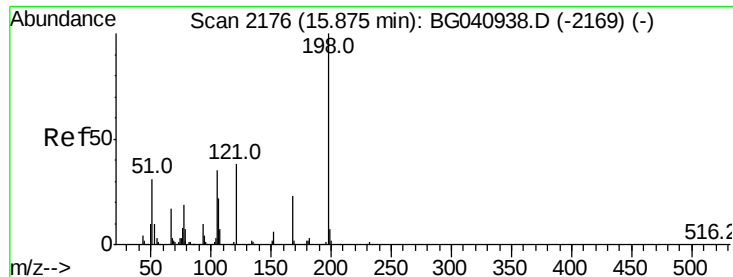
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.8	4.7	7.1		
80	6.9	5.8	8.8		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.343 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

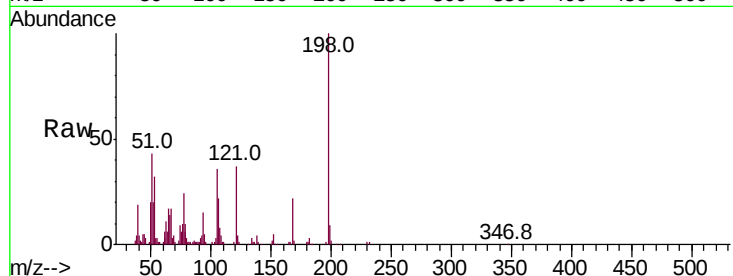
ClientSampleId :

B-01-(0-37)COMPMS

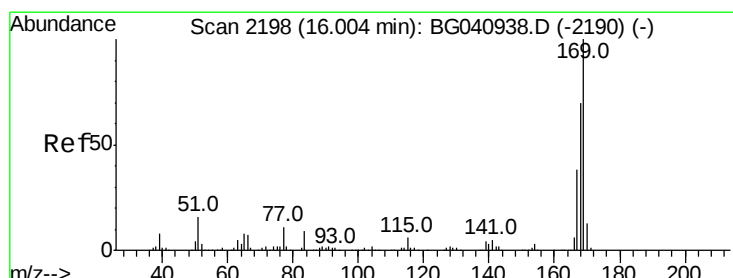
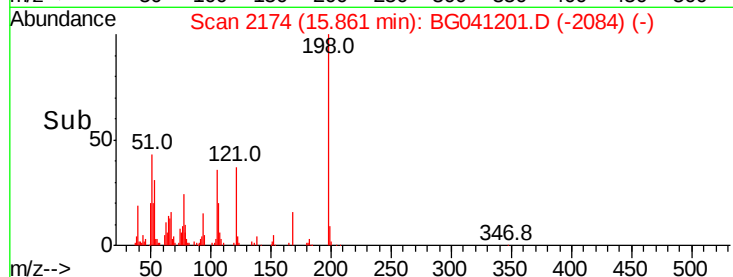
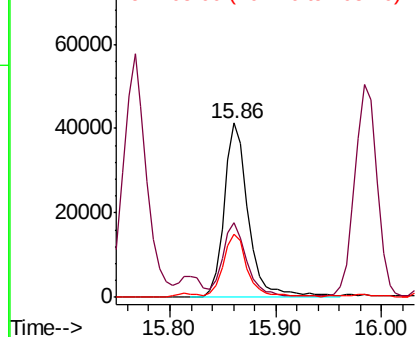
Tot Ion:198	Resp:	65857
Ion Ratio	Lower	Upper
198 100		
51 43.0	21.6	61.6
105 36.1	17.5	57.5

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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: 52.366 ng

RT: 15.99 min Scan# 2196

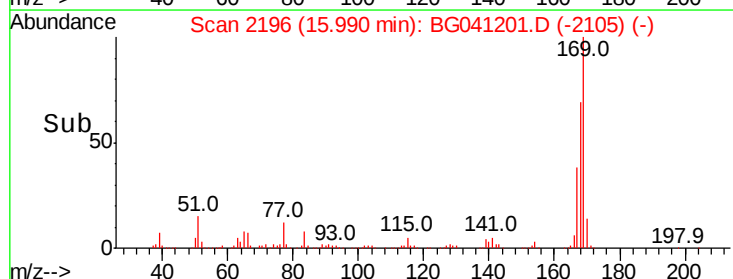
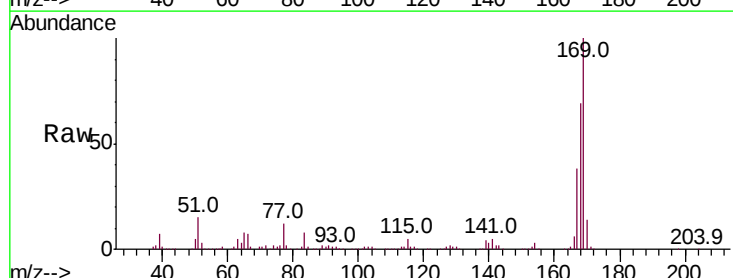
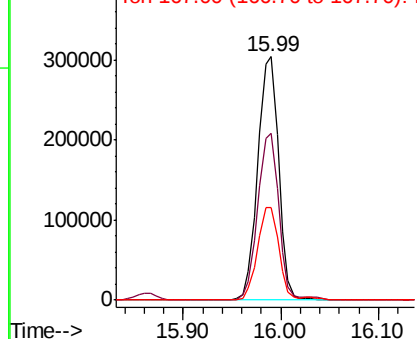
Delta R.T. 0.01 min

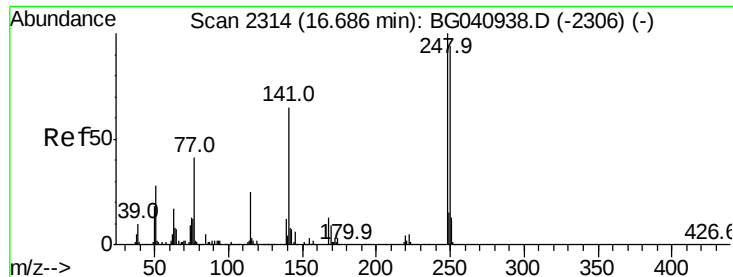
Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion:169	Resp:	453510
Ion Ratio	Lower	Upper
169 100		
168 68.6	55.7	83.5
167 38.2	30.2	45.2

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





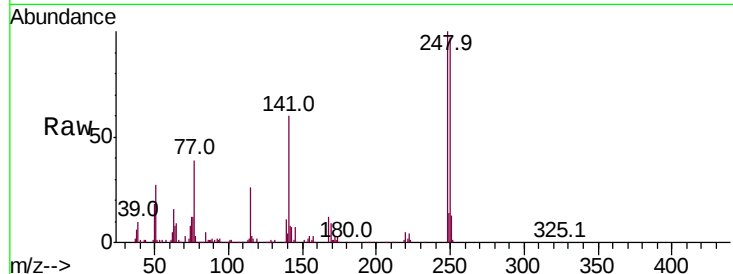
#67
4-Bromophenyl-phenylether
Concen: 50.059 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	75.0	112.4
141	60.5	52.4	78.6

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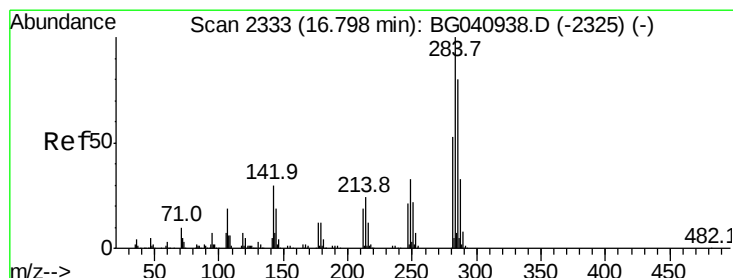
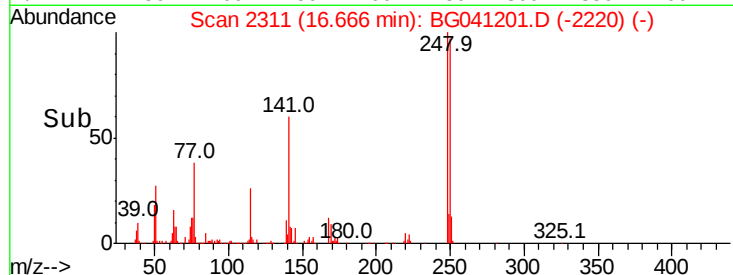
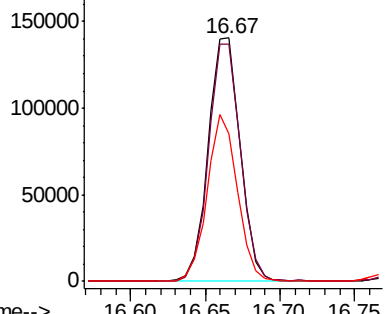


Abundance

Ion 248.00 (247.70 to 248.70): E

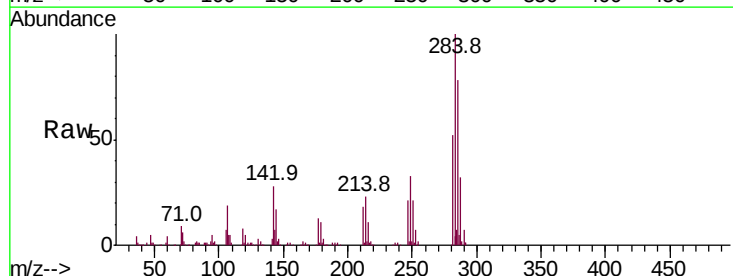
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.624 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	23.9	35.9
249	33.2	26.8	40.2

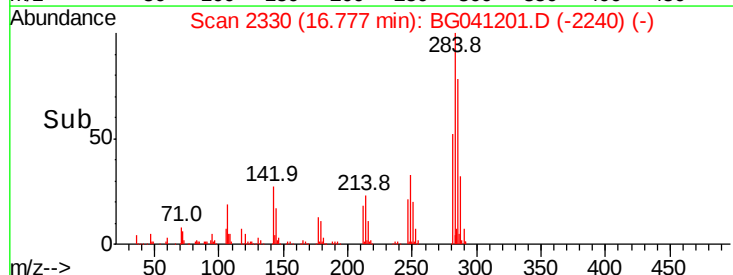
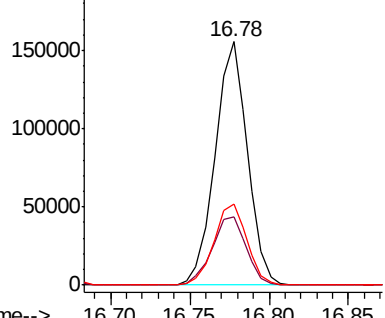


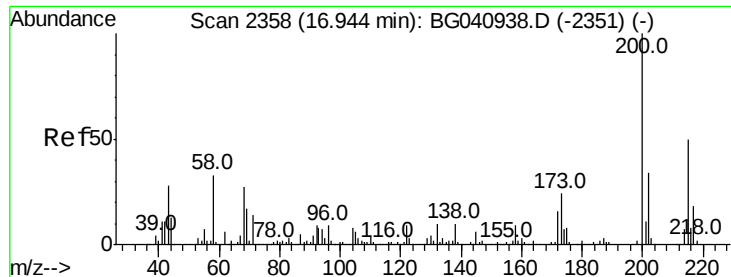
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





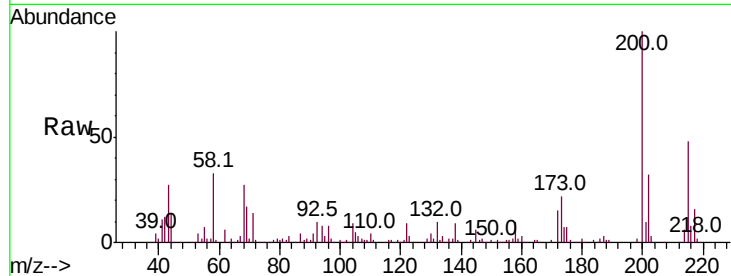
#69
Atrazine
Concen: 57.374 ng
RT: 16.92 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	191725		
173	22.2	3.6	43.6	
215	48.3	29.6	69.6	

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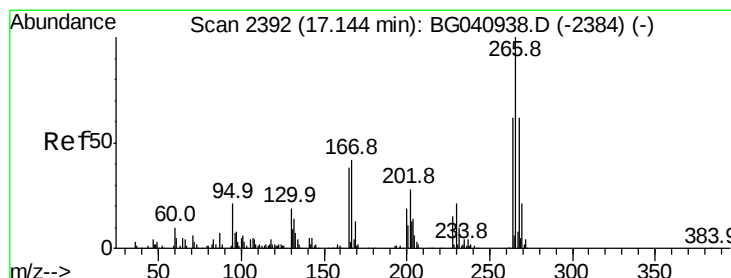
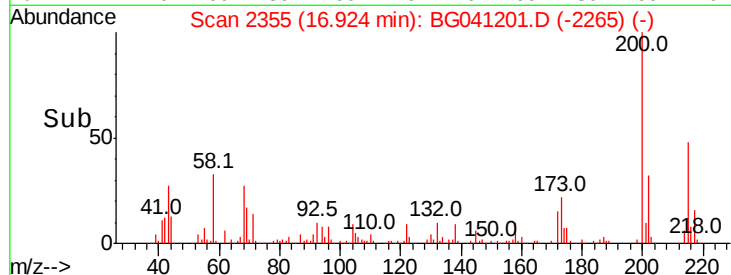
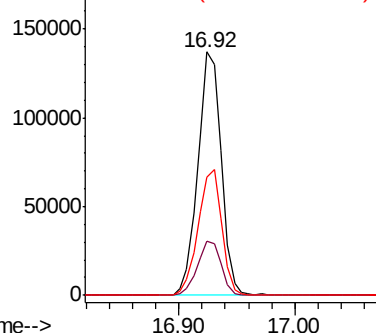


Abundance

Ion 200.00 (199.70 to 200.70): E

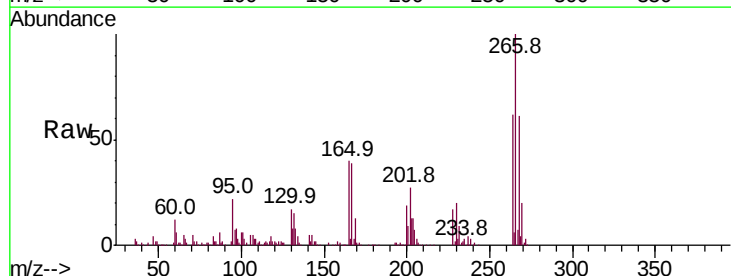
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 90.504 ng
RT: 17.12 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	216045		
268	61.0	53.1	79.7	
264	62.2	49.9	74.9	

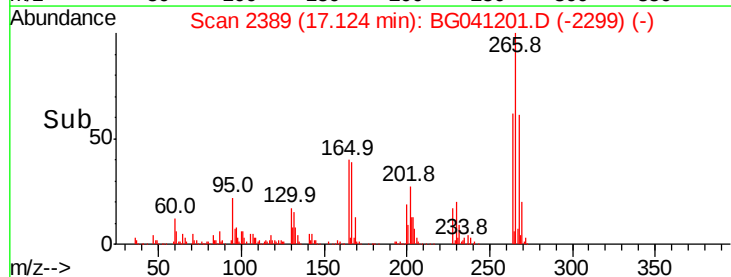
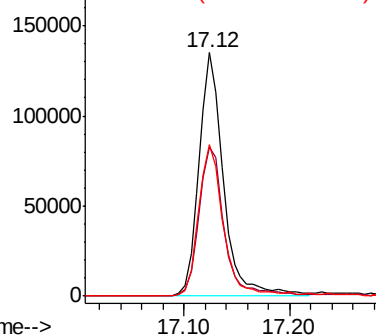


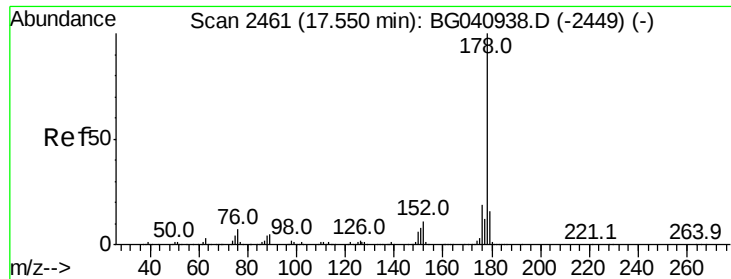
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





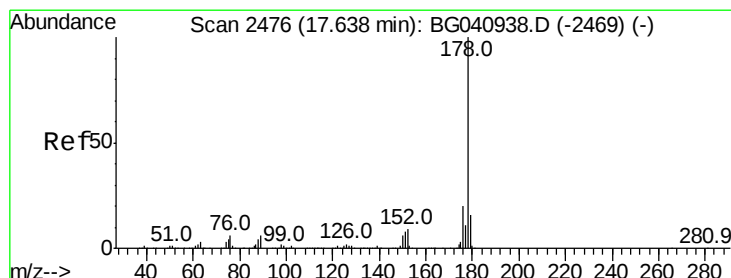
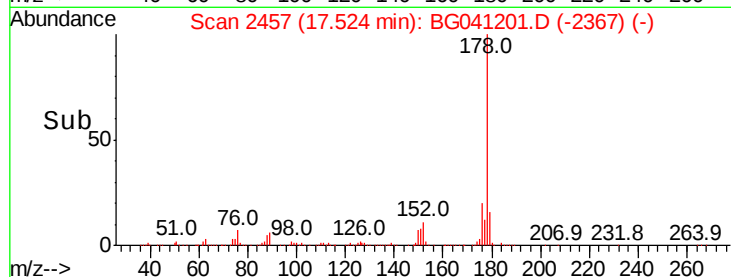
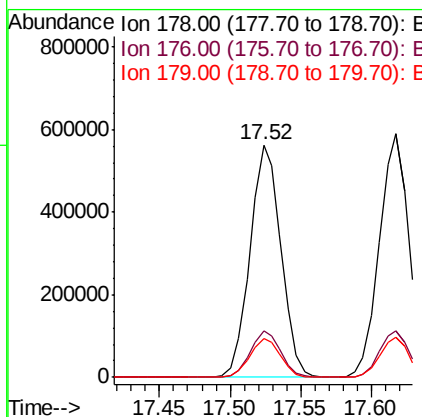
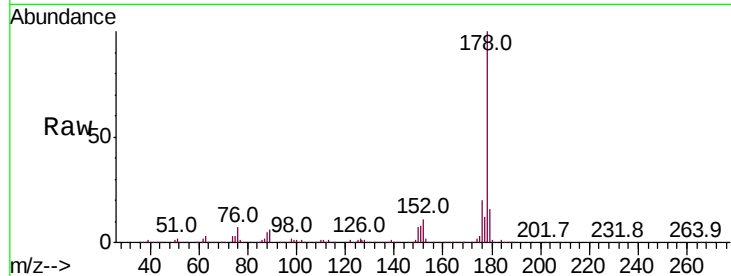
#71
Phenanthrene
Concen: 54.055 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	16.4	12.7	19.1

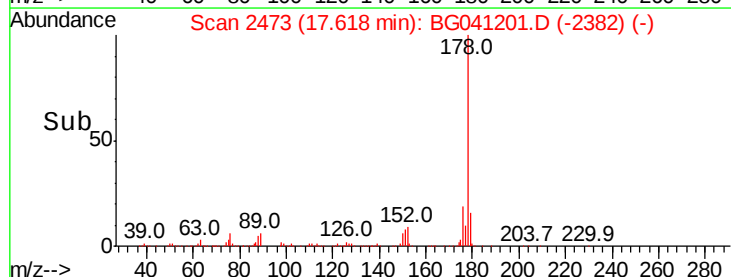
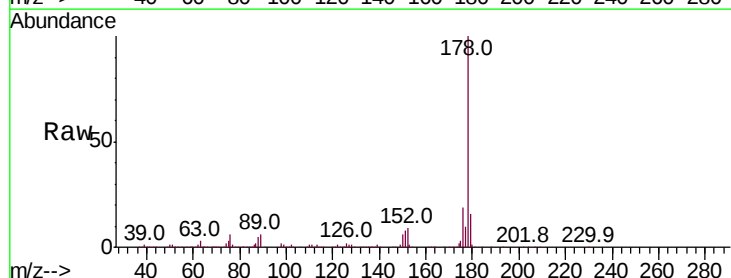
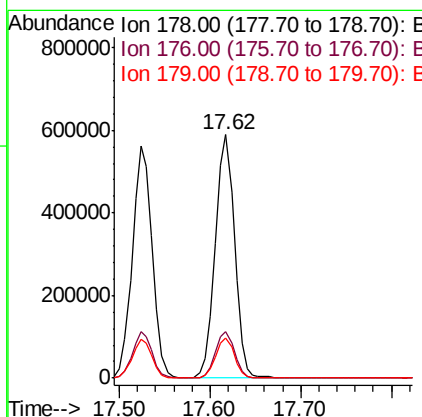
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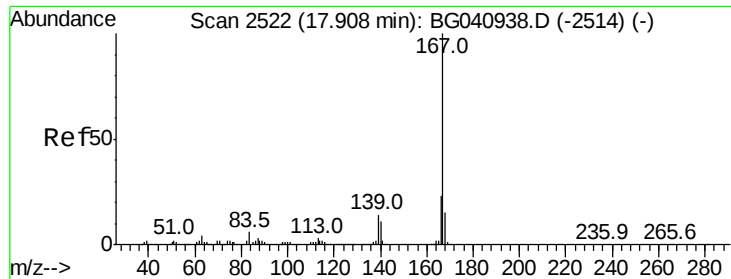
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#72
Anthracene
Concen: 54.931 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.5	13.0	19.4





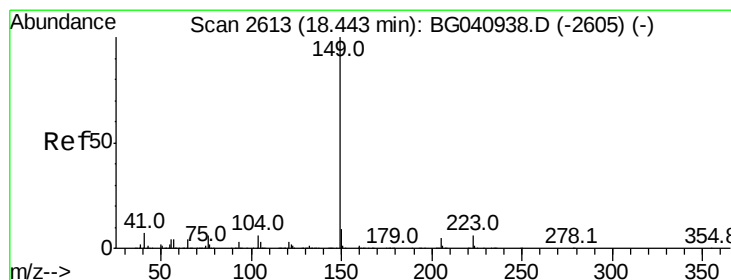
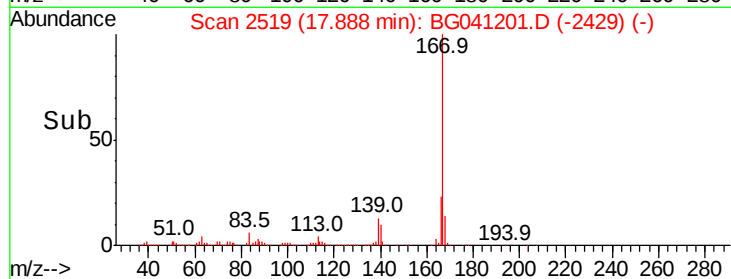
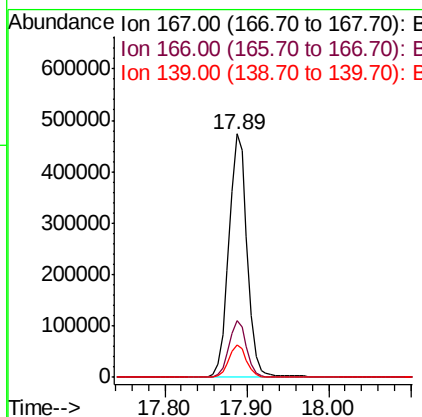
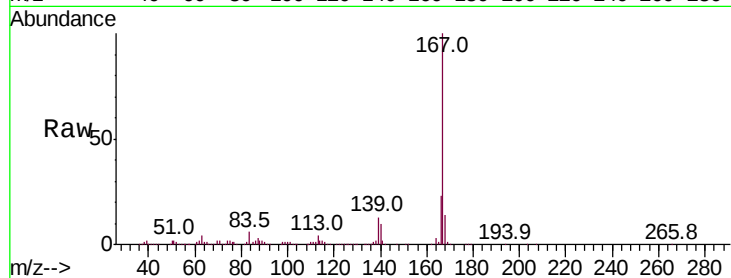
#73
 Carbazole
 Concen: 54.337 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041201.D
 Acq: 12 Jun 2019 11:51

Instrument :
 BNA_G
 ClientSampleId :
 B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	13.2	10.8	16.2

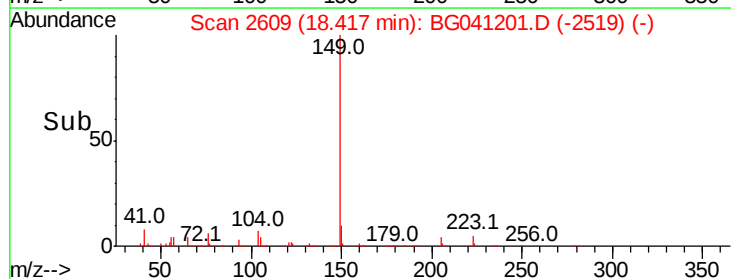
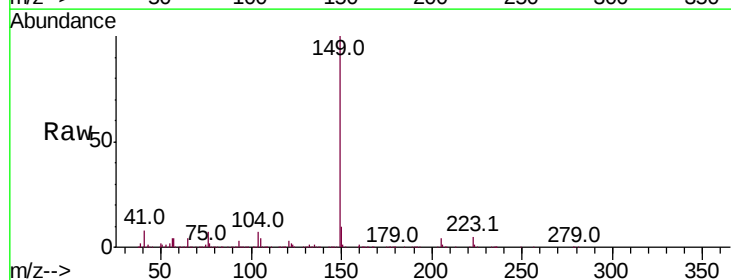
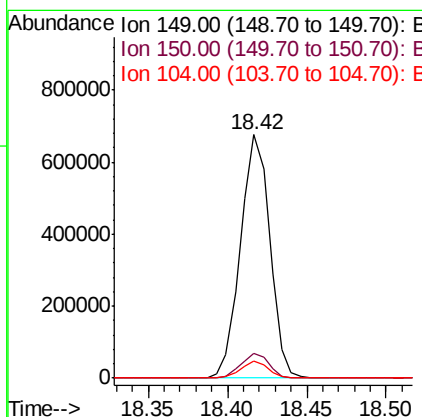
Manual Integrations
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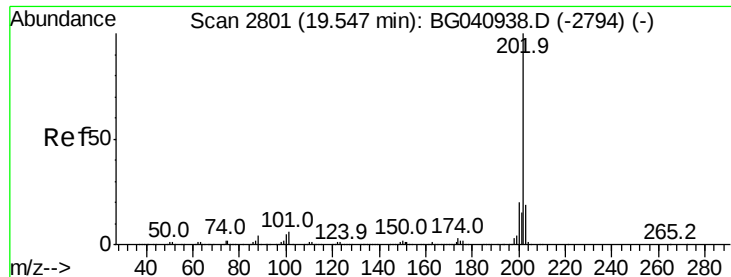
mohammad
 6/14/2019 8:36:29 AM



#74
 Di-n-butylphthalate
 Concen: 51.452 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041201.D
 Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	6.9	5.0	7.4





#75

Fluoranthene

Concen: 55.134 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

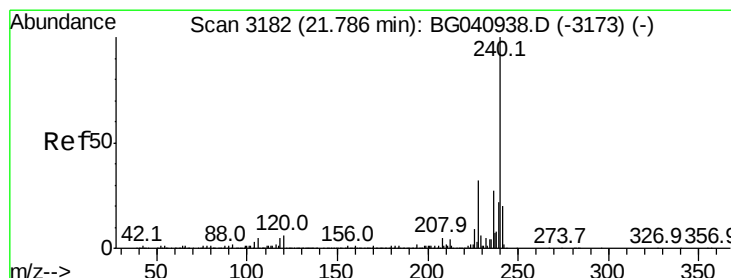
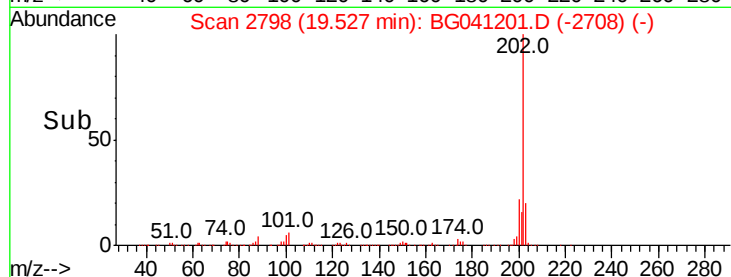
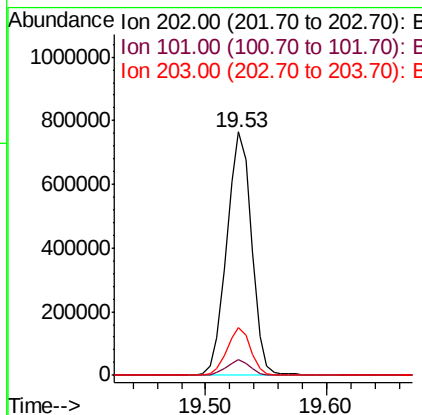
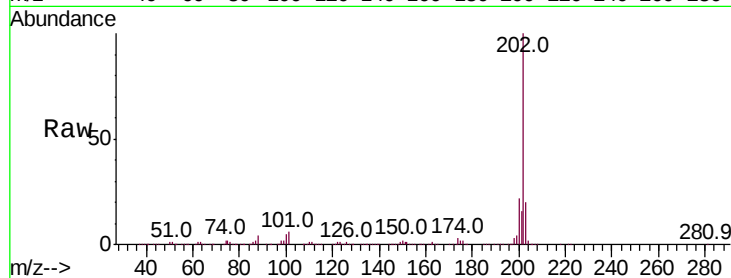
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:	202	Resp:	1092815
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	26.2
203	19.9	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

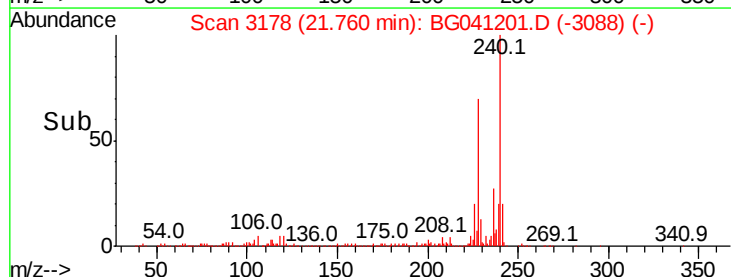
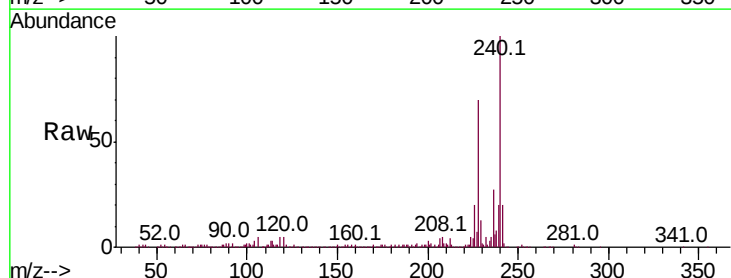
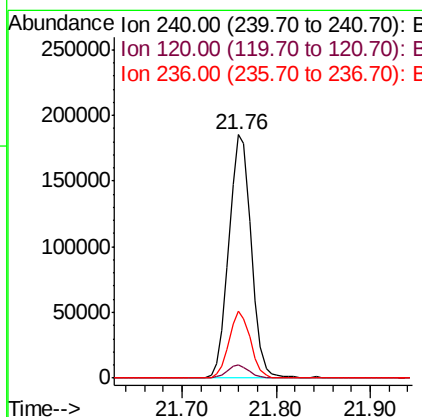
RT: 21.76 min Scan# 3178

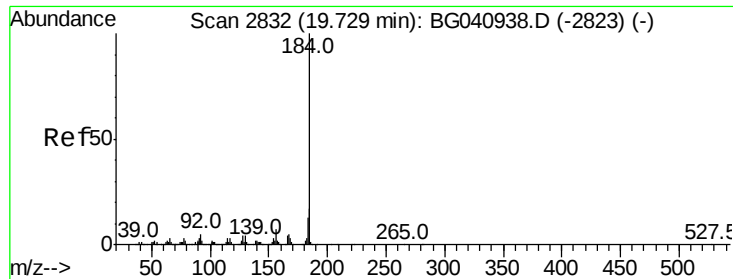
Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion:	240	Resp:	306119
Ion Ratio	Lower	Upper	
240	100		
120	5.4	4.5	6.7
236	27.3	21.3	31.9





#77

Benzidine

Concen: 25.120 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

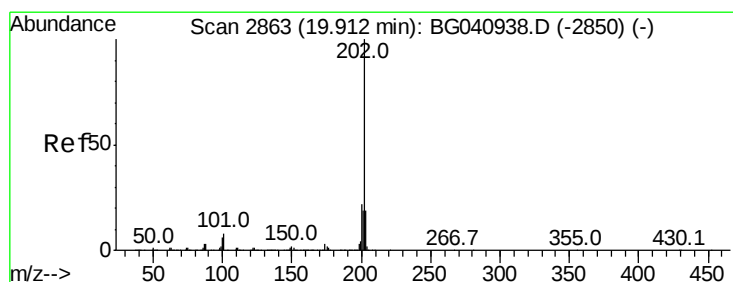
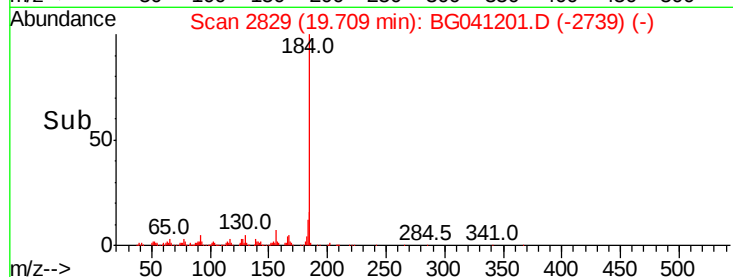
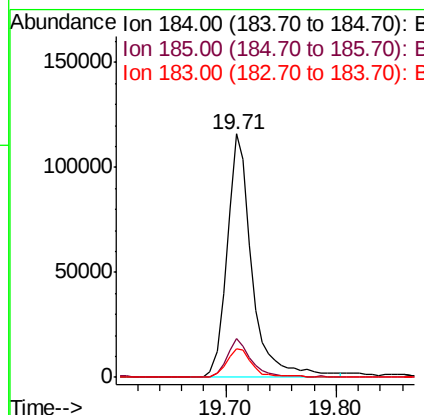
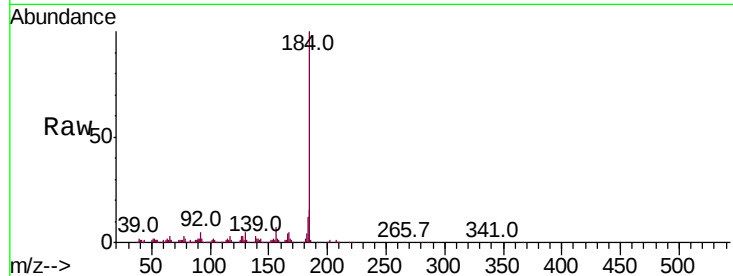
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.3	19.9
183	12.0	10.7	16.1

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#78

Pyrene

Concen: 54.478 ng

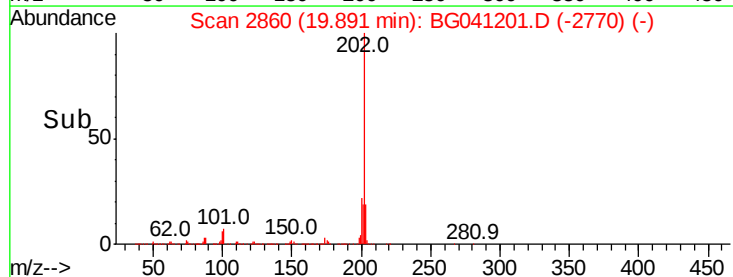
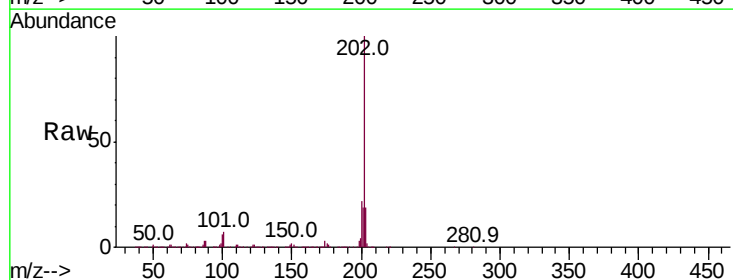
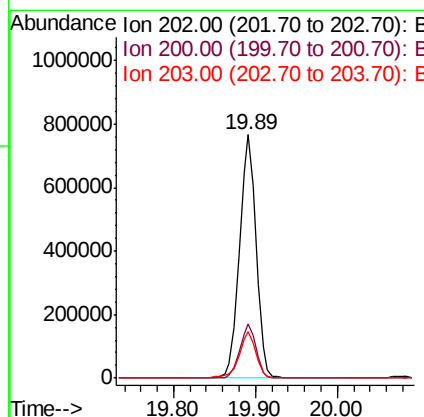
RT: 19.89 min Scan# 2860

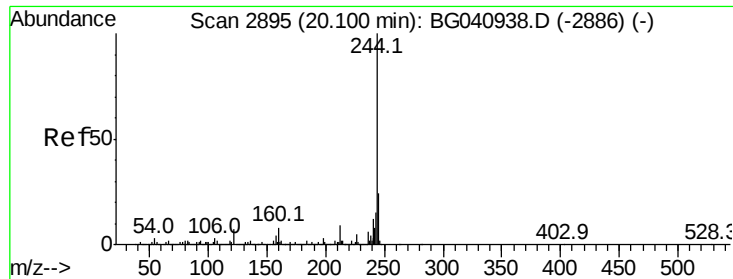
Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.5	26.3
203	19.1	15.6	23.4





#79

Terphenyl-d14

Concen: 96.265 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:244 Resp: 1388484

Ion Ratio Lower Upper

244 100

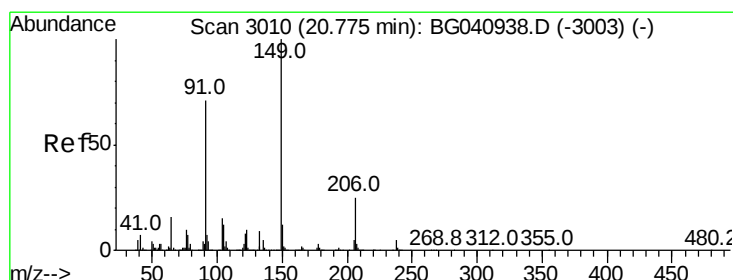
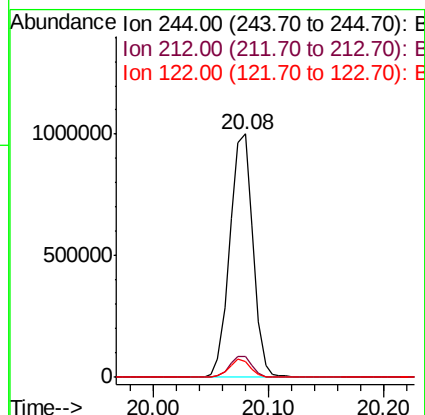
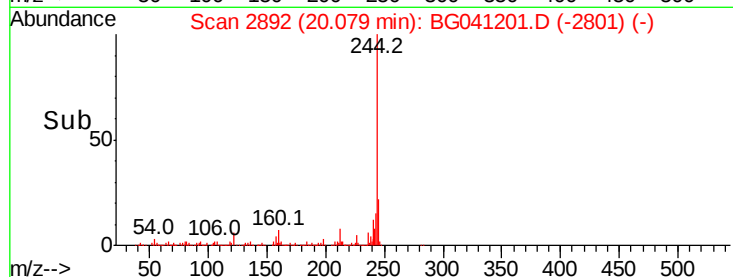
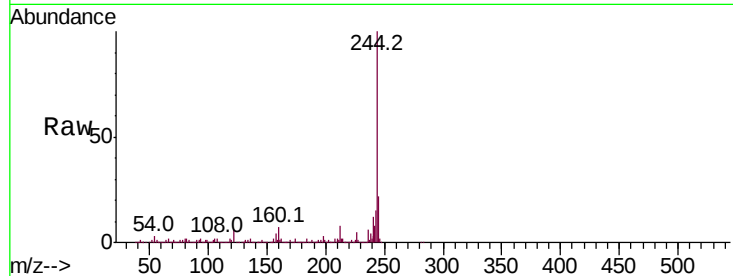
212 8.5 7.0 10.4

122 6.3 5.4 8.0

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#80

Butylbenzylphthalate

Concen: 52.287 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

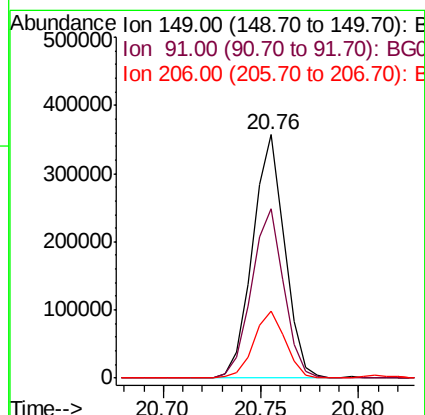
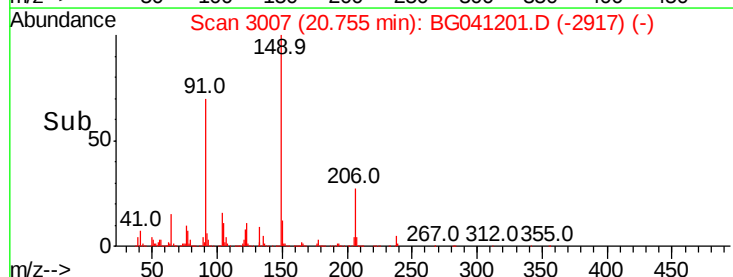
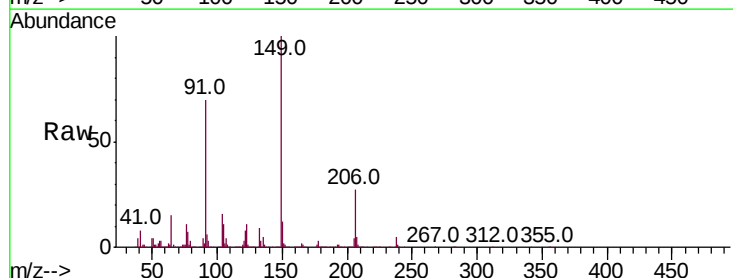
Tgt Ion:149 Resp: 404921

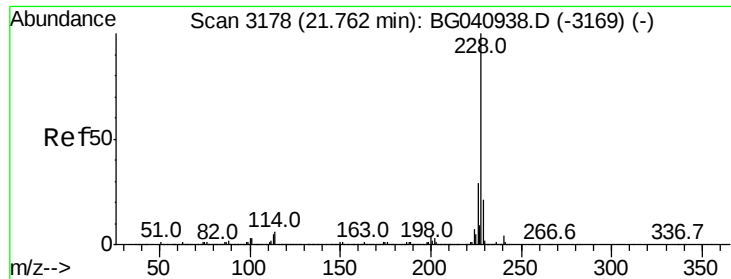
Ion Ratio Lower Upper

149 100

91 69.7 56.5 84.7

206 27.4 20.3 30.5





#81

Benzo(a)anthracene

Concen: 50.803 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:228 Resp: 1035230

Ion Ratio Lower Upper

228 100

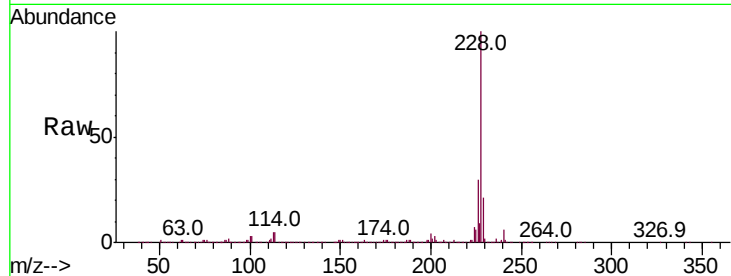
226 29.9 23.5 35.3

229 21.5 16.7 25.1

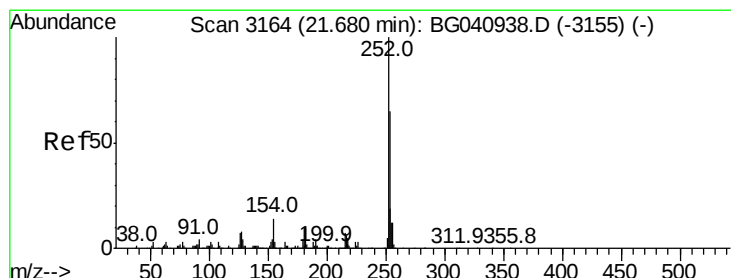
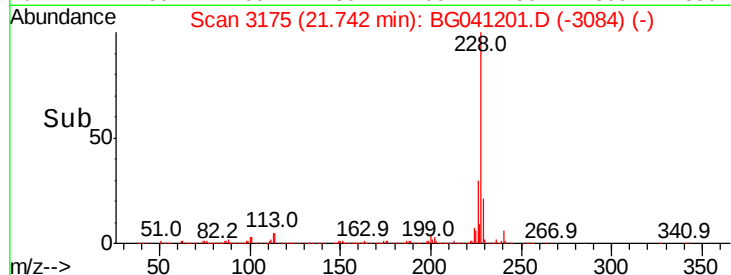
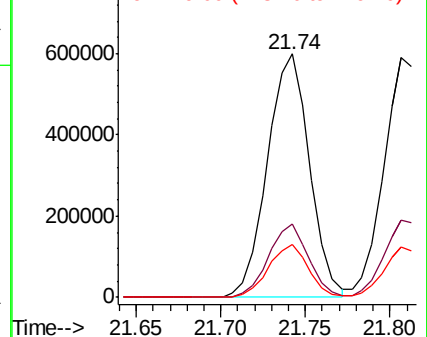
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Abundance Ion 228.00 (227.70 to 228.70): E
800000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.529 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

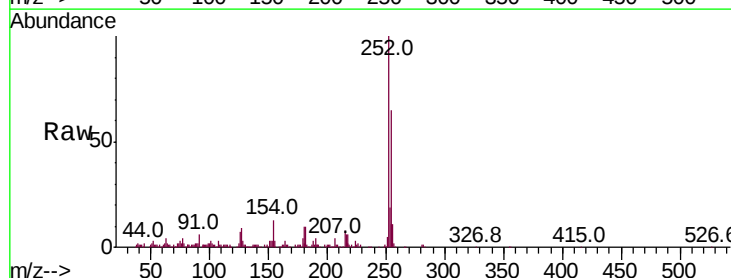
Tgt Ion:252 Resp: 190138

Ion Ratio Lower Upper

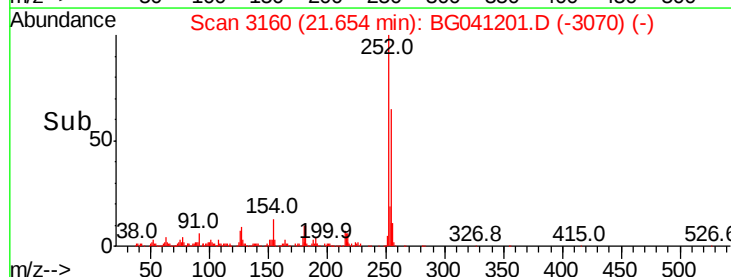
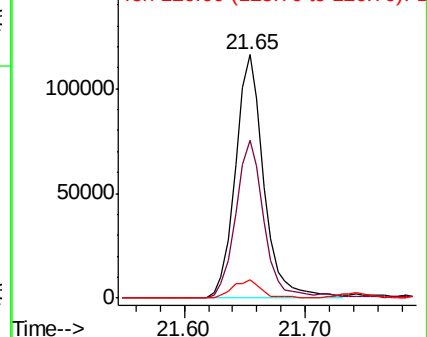
252 100

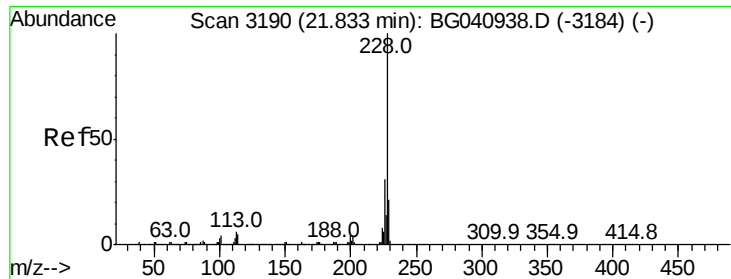
254 64.7 52.1 78.1

126 7.4 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E
150000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





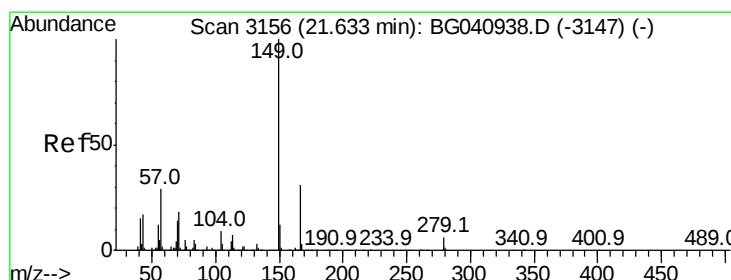
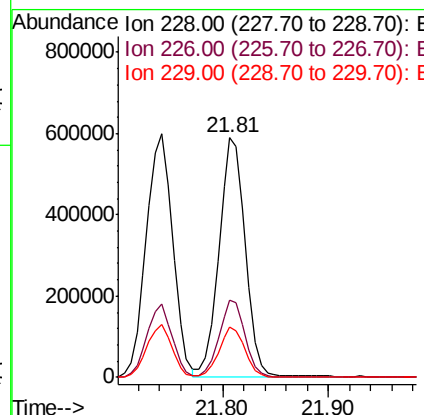
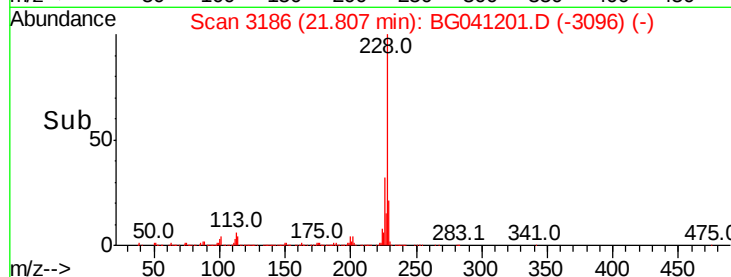
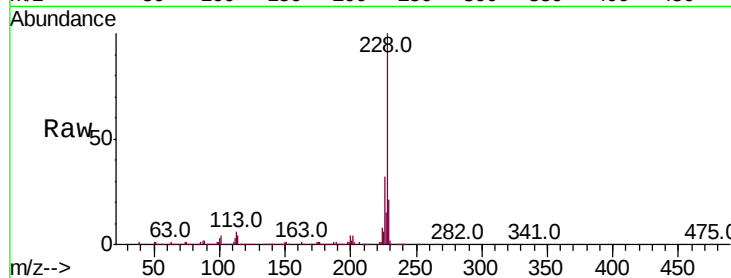
#83
Chrysene
Concen: 52.198 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	21.1	16.6	24.8

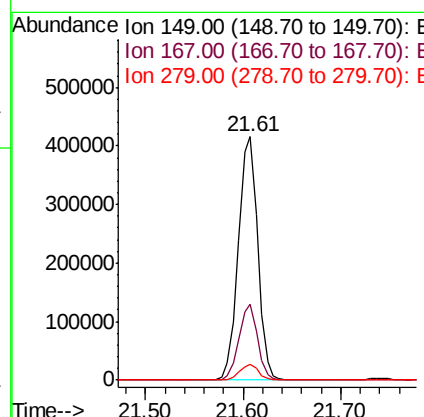
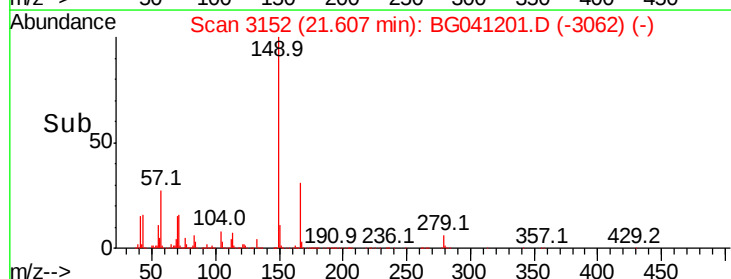
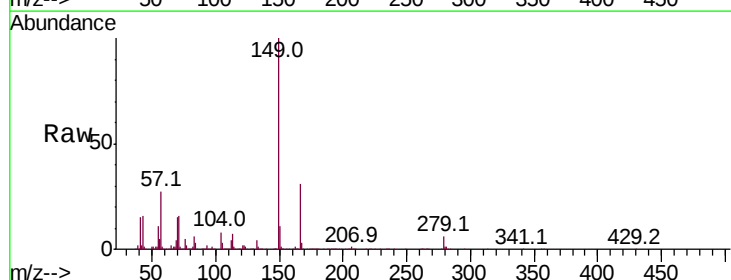
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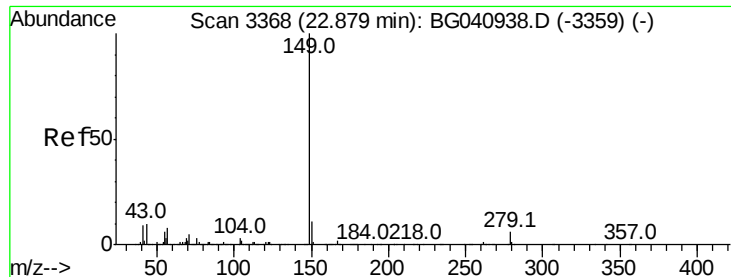
mohammad
6/14/2019 8:36:29 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.378 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.6	37.0
279	6.3	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 52.990 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

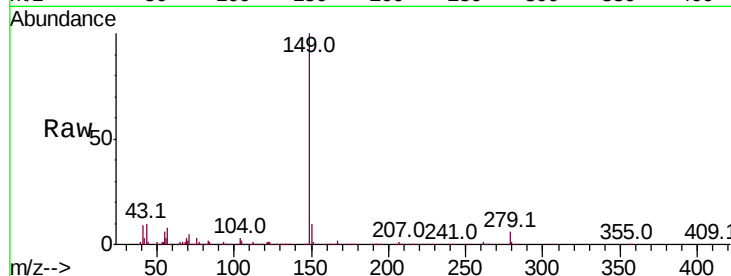
ClientSampleId :

B-01-(0-37)COMPMS

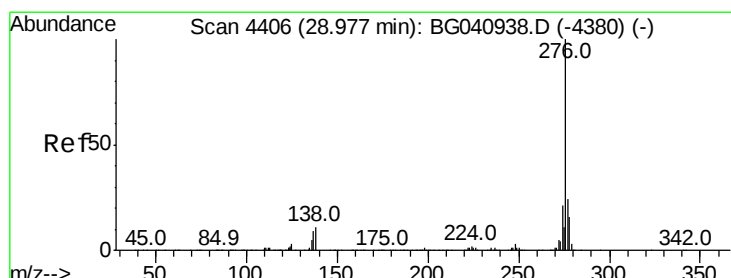
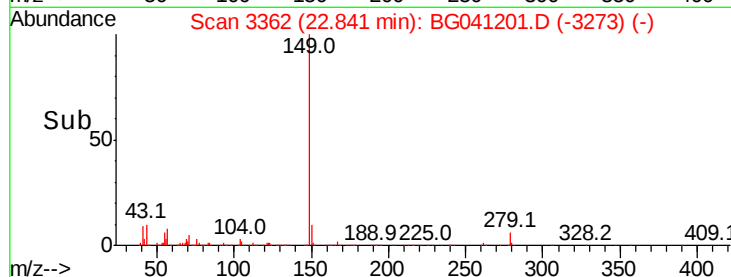
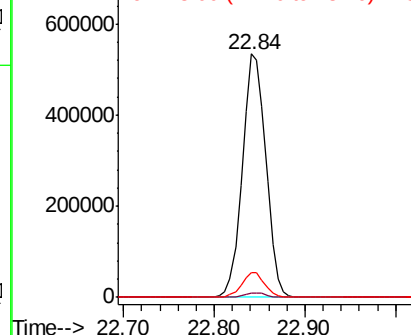
Tot Ion:	149	Resp:	962078
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	10.0	8.1	12.1

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.655 ng

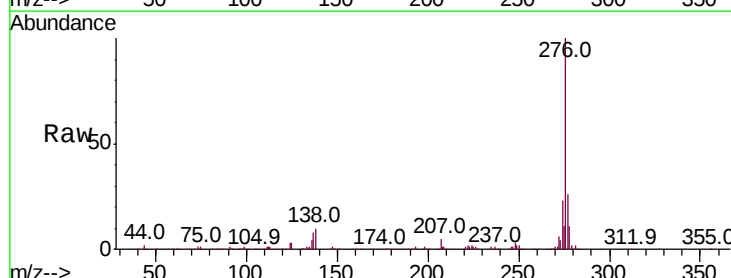
RT: 28.90 min Scan# 4394

Delta R.T. 0.00 min

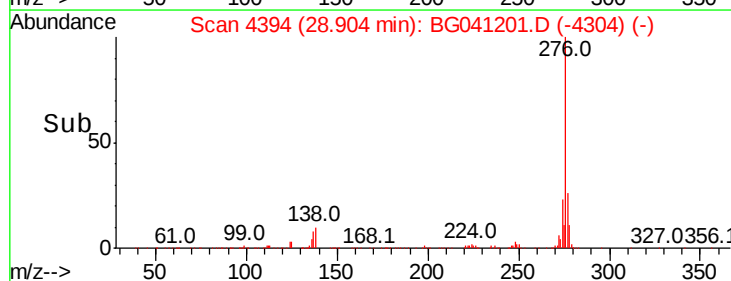
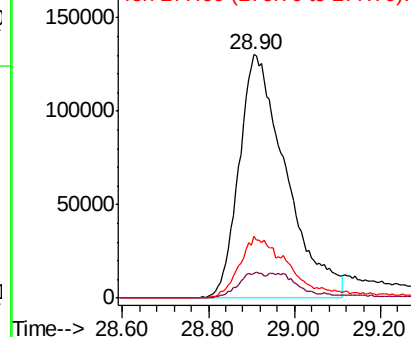
Lab File: BG041201.D

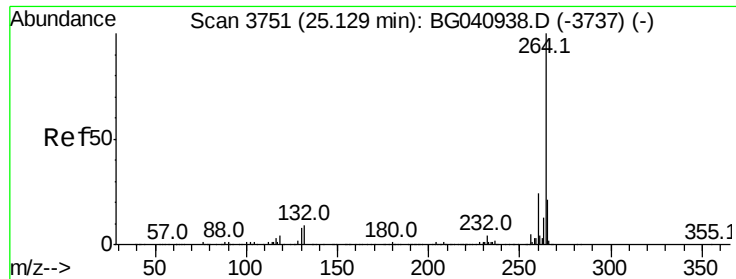
Acq: 12 Jun 2019 11:51

Tgt Ion:	276	Resp:	995012
Ion Ratio	Lower	Upper	
276	100		
138	6.0	5.7	8.5
277	26.5	20.8	31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3745

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

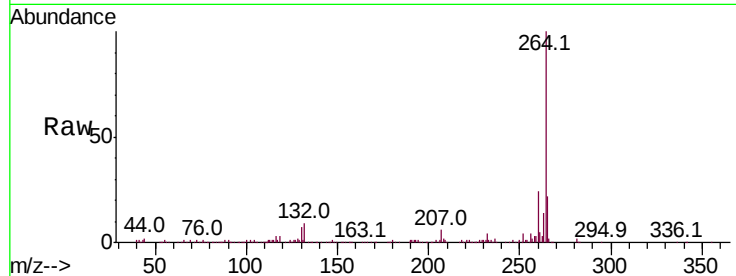
ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:	264	Resp:	320133
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.4
265	22.1	17.0	25.4

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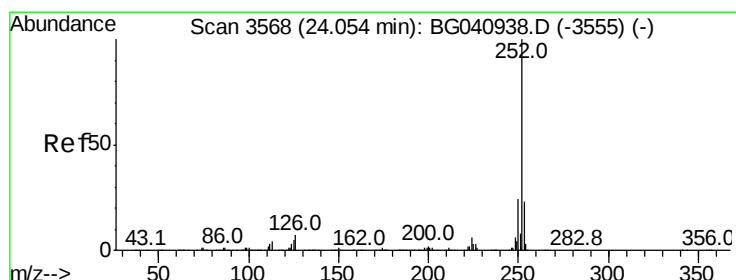
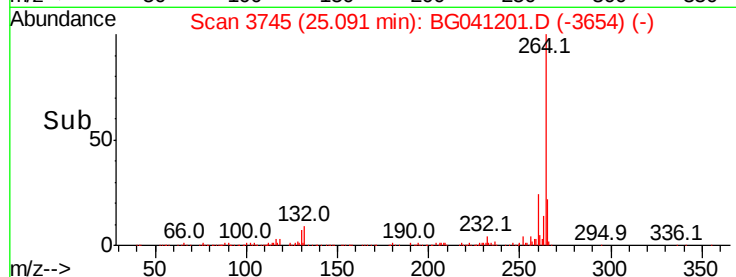
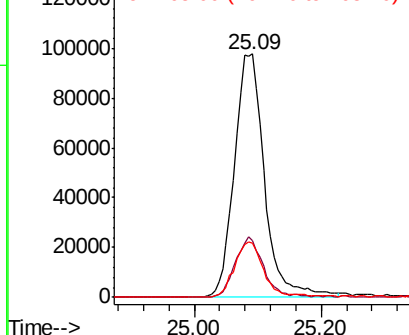


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.077 ng

RT: 24.02 min Scan# 3563

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

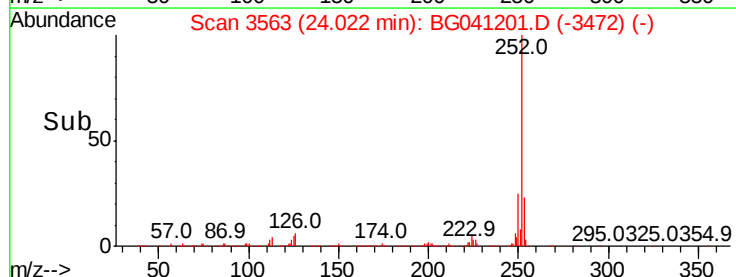
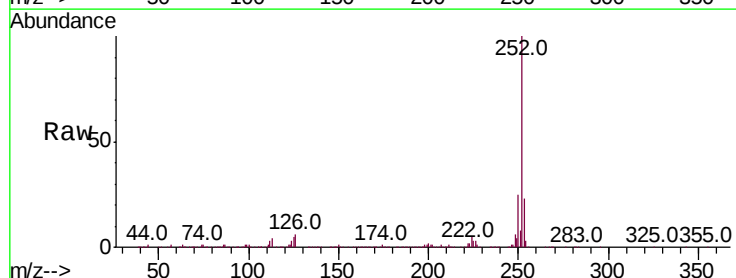
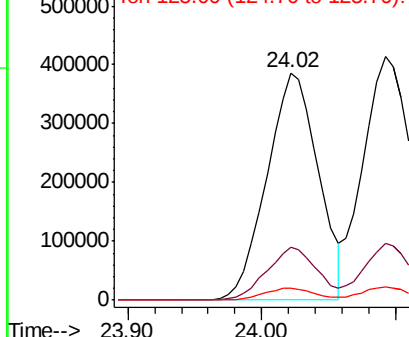
Tgt Ion:	252	Resp:	1030601
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.4	27.6
125	5.4	4.3	6.5

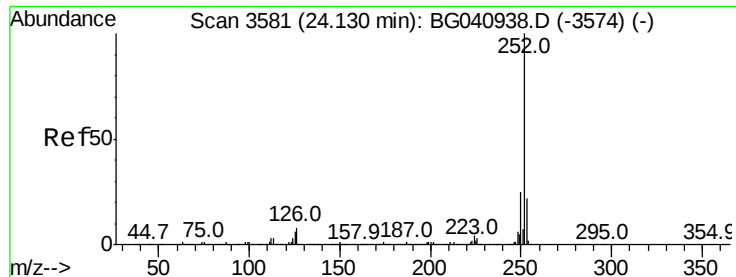
Abundance

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: 54.105 ng

RT: 24.09 min Scan# 3575

Delta R.T. 0.00 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

Instrument :

BNA_G

ClientSampleId :

B-01-(0-37)COMPMS

Tot Ion:252 Resp: 1039603

Ion Ratio Lower Upper

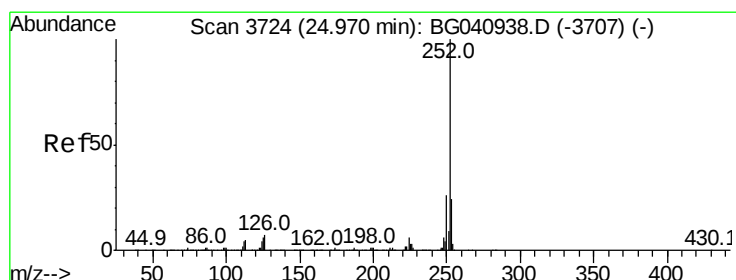
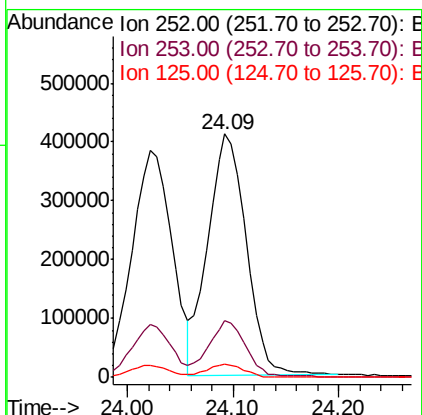
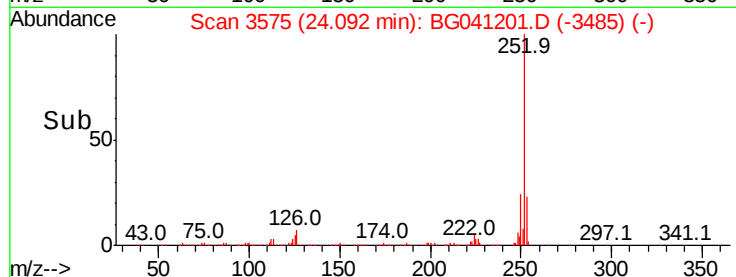
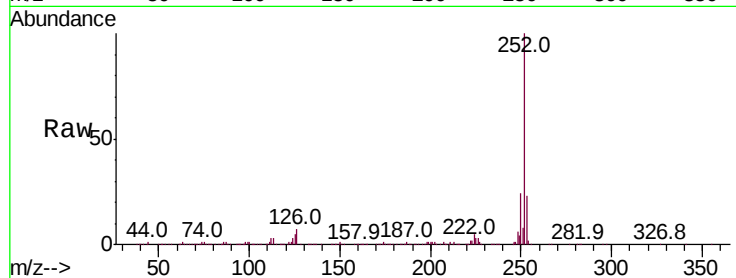
252 100

253 23.2 17.8 26.6

125 5.4 4.7 7.1

Manual Integrations
APPROVED

mohammad
6/14/2019 8:36:29 AM



#90

Benzo(a)pyrene

Concen: 54.758 ng

RT: 24.93 min Scan# 3718

Delta R.T. 0.01 min

Lab File: BG041201.D

Acq: 12 Jun 2019 11:51

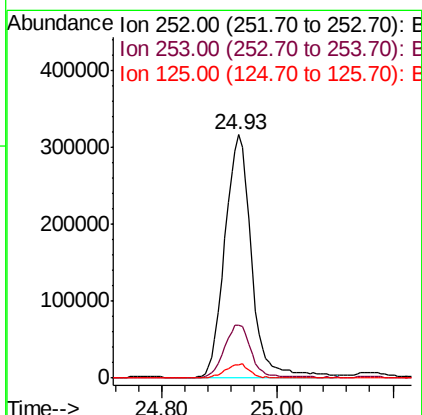
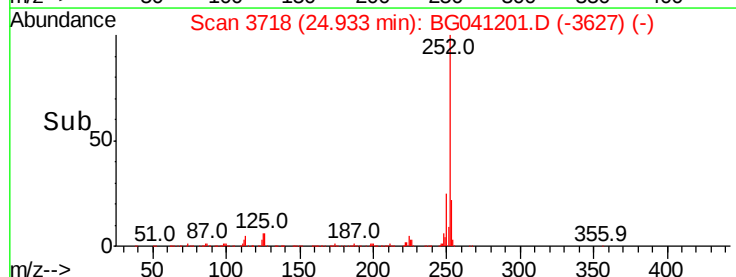
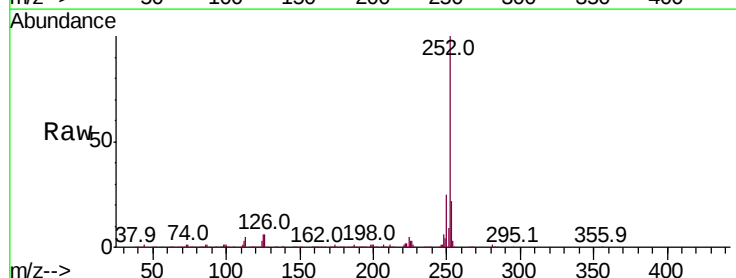
Tgt Ion:252 Resp: 1014420

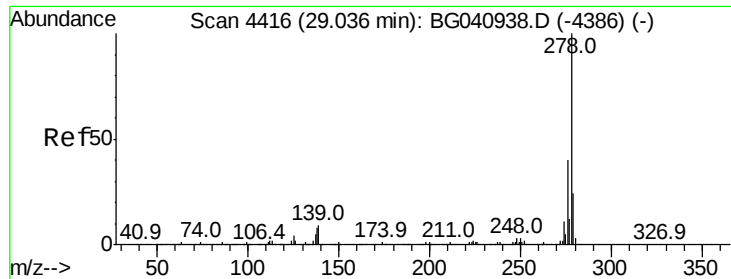
Ion Ratio Lower Upper

252 100

253 22.0 19.5 29.3

125 5.6 5.1 7.7





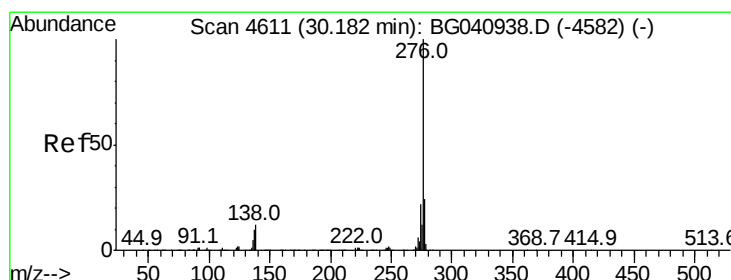
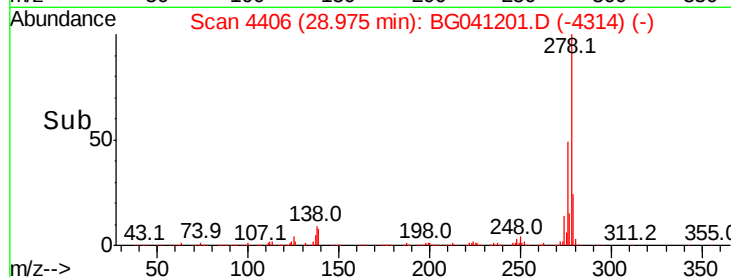
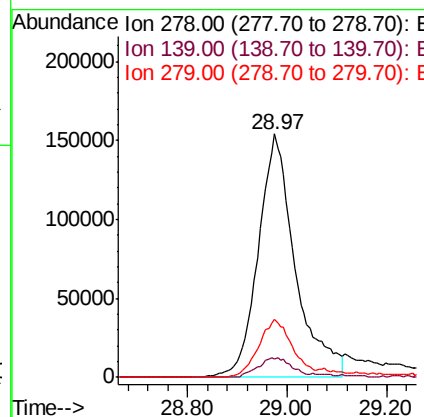
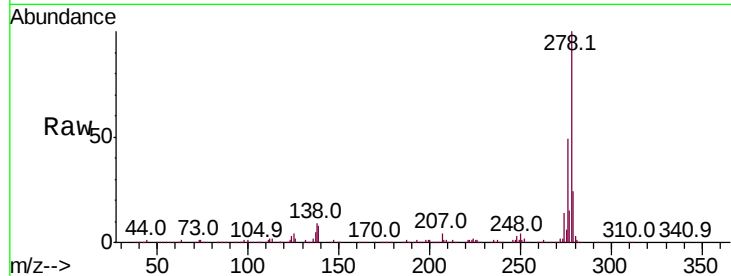
#91
Dibenzo(a,h)anthracene
Concen: 42.968 ng
RT: 28.97 min Scan# 4406
Delta R.T. 0.01 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Tot Ion:	278	Resp:	795374
Ion Ratio	Lower	Upper	
278	100		
139	7.7	7.1	10.7
279	23.6	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:36:29 AM



#92
Benzo(g,h,i)perylene
Concen: 43.926 ng
RT: 30.12 min Scan# 4601
Delta R.T. 0.01 min
Lab File: BG041201.D
Acq: 12 Jun 2019 11:51

Tgt Ion:	276	Resp:	789946
Ion Ratio	Lower	Upper	
276	100		
277	22.7	19.4	29.0
138	10.3	9.7	14.5

