

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041224.D
 Acq On : 13 Jun 2019 10:13
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 6/14/2019 8:48:10 AM

Quant Time: Jun 13 10:51:10 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	8.10	152	54988	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	236294	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	162314	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	397146	20.00	ng	0.00
76) Chrysene-d12	21.78	240	401330	20.00	ng	0.02
87) Perylene-d12	25.14	264	419603	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	239250	78.46	ng	0.00
7) Phenol-d6	7.25	99	366838	77.89	ng	0.00
23) Nitrobenzene-d5	9.29	82	428665	80.54	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	195619	81.18	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	947934	84.10	ng	0.00
79) Terphenyl-d14	20.09	244	1587575	83.96	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	49725	35.934	ng	98
3) Pyridine	3.91	79	144099	35.193	ng	98
4) n-Nitrosodimethylamine	3.83	42	82189	43.250	ng	# 78
6) Aniline	7.43	93	244786	38.940	ng	97
8) 2-Chlorophenol	7.66	128	143296	39.416	ng	95
9) Benzaldehyde	7.24	77	116527	41.478	ng	90
10) Phenol	7.28	94	195717	38.759	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	142751	38.969	ng	97
12) 1,3-Dichlorobenzene	7.99	146	175390	40.393	ng	96
13) 1,4-Dichlorobenzene	8.14	146	179923	40.936	ng	94
14) 1,2-Dichlorobenzene	8.46	146	169224	39.654	ng	94
15) Benzyl Alcohol	8.35	79	169844	38.986	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.62	45	226359	37.815	ng	100
17) 2-Methylphenol	8.54	107	140425	38.408	ng	97
18) Hexachloroethane	9.19	117	70316	41.509	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	138812	38.301	ng	98
20) 3+4-Methylphenols	8.87	107	190922	37.699	ng	98
22) Acetophenone	8.94	105	264213	39.860	ng	98
24) Nitrobenzene	9.33	77	220344	40.622	ng	96
25) Isophorone	9.84	82	386560	38.162	ng	99
26) 2-Nitrophenol	10.04	139	95904	42.888	ng	90
27) 2,4-Dimethylphenol	10.08	122	133540	36.159	ng	92
28) bis(2-Chloroethoxy)methane	10.33	93	209046	38.237	ng	98
29) 2,4-Dichlorophenol	10.57	162	177141	37.771	ng	93
30) 1,2,4-Trichlorobenzene	10.78	180	219083	41.064	ng	97
31) Naphthalene	10.98	128	505056	39.809	ng	99
32) Benzoic acid	10.25	122	90118	34.196	ng	92
33) 4-Chloroaniline	11.10	127	223841	38.026	ng	96
34) Hexachlorobutadiene	11.24	225	172014	42.138	ng	97
35) Caprolactam	11.91	113	53874	34.786	ng	89
36) 4-Chloro-3-methylphenol	12.20	107	198115	36.988	ng	93
37) 2-Methylnaphthalene	12.58	142	371179	37.987	ng	98
38) 1-Methylnaphthalene	12.58	142	371179	40.312	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	277235	42.377	ng	99

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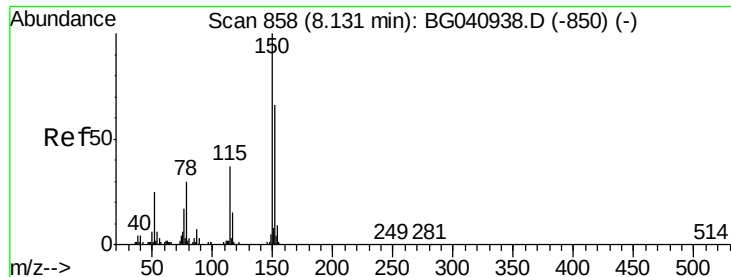
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	134097	42.441	ng	95
43) 2,4,6-Trichlorophenol	13.17	196	177479	41.936	ng	97
44) 2,4,5-Trichlorophenol	13.25	196	178573	40.008	ng	99
46) 1,1'-Biphenyl	13.57	154	495853	41.270	ng	98
47) 2-Chloronaphthalene	13.63	162	435098	42.183	ng	99
48) 2-Nitroaniline	13.83	65	153497	41.482	ng	92
49) Acenaphthylene	14.47	152	627819	40.442	ng	99
50) Dimethylphthalate	14.19	163	547847	39.873	ng	98
51) 2,6-Dinitrotoluene	14.33	165	121829	41.124	ng	97
52) Acenaphthene	14.81	154	373946	39.763	ng	96
53) 3-Nitroaniline	14.66	138	118960	40.157	ng	99
54) 2,4-Dinitrophenol	14.86	184	50677	42.963	ng	94
55) Dibenzofuran	15.14	168	636468	40.221	ng	99
56) 4-Nitrophenol	14.96	139	76536	37.667	ng	92
57) 2,4-Dinitrotoluene	15.11	165	171515	40.986	ng	# 98
58) Fluorene	15.79	166	495203	39.295	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	178219	40.630	ng	96
60) Diethylphthalate	15.54	149	553900	39.502	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	330162	40.307	ng	97
62) 4-Nitroaniline	15.82	138	129714	41.361	ng	93
63) Azobenzene	16.07	77	488539	38.333	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	92070	44.111	ng	93
66) n-Nitrosodiphenylamine	15.99	169	442126	39.602	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	212584	39.664	ng	98
68) Hexachlorobenzene	16.78	284	229099	40.142	ng	97
69) Atrazine	16.94	200	168686	39.158	ng	97
70) Pentachlorophenol	17.14	266	112033	38.951	ng	94
71) Phenanthrene	17.53	178	840890	40.649	ng	98
72) Anthracene	17.62	178	839382	41.141	ng	99
73) Carbazole	17.90	167	727736	41.570	ng	99
74) Di-n-butylphthalate	18.43	149	892448	41.017	ng	98
75) Fluoranthene	19.54	202	1086852	42.536	ng	99
77) Benzidine	19.72	184	308789	32.253	ng	96
78) Pyrene	19.90	202	1077468	41.300	ng	100
80) Butylbenzylphthalate	20.77	149	424206	41.782	ng	99
81) Benzo(a)anthracene	21.76	228	1087969	40.725	ng	98
82) 3,3'-Dichlorobenzidine	21.68	252	393046	41.830	ng	99
83) Chrysene	21.84	228	1043343	40.811	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	582082	40.727	ng	99
85) Di-n-octyl phthalate	22.88	149	975735	40.992	ng	100
86) Indeno(1,2,3-cd)pyrene	29.01	276	1024355m	32.709	ng	
88) Benzo(b)fluoranthene	24.07	252	1008534	39.627	ng	97
89) Benzo(k)fluoranthene	24.14	252	1091884	43.355	ng	98
90) Benzo(a)pyrene	24.98	252	971774	40.021	ng	96
91) Dibenzo(a,h)anthracene	29.07	278	838504m	34.560	ng	
92) Benzo(g,h,i)perylene	30.23	276	808413m	34.296	ng	

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



#1

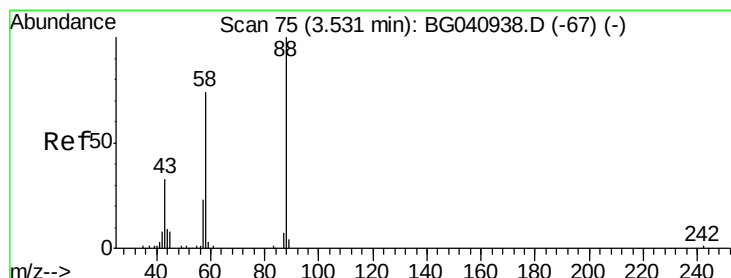
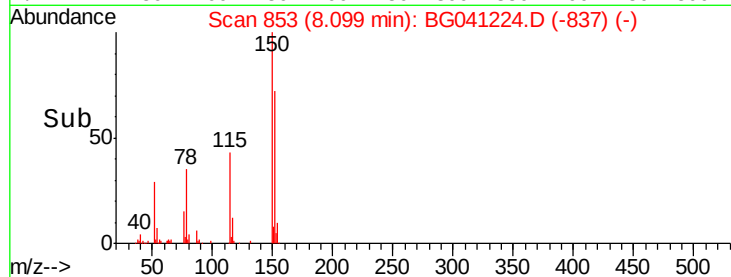
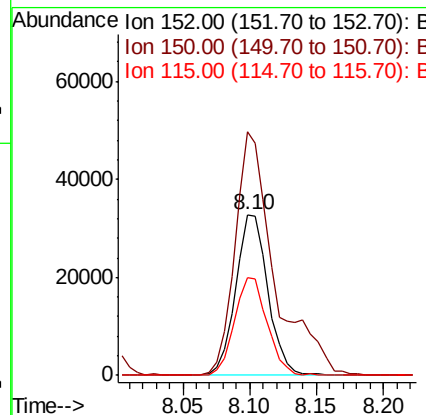
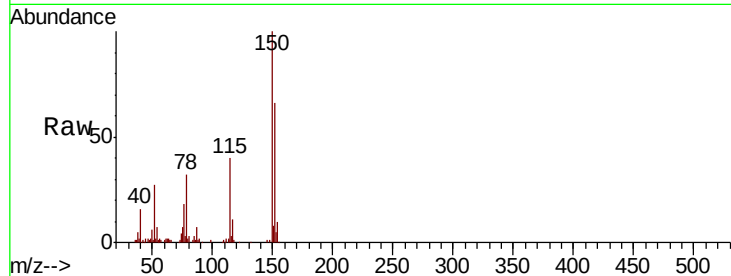
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	120.6	180.8
115	60.7	45.1	67.7

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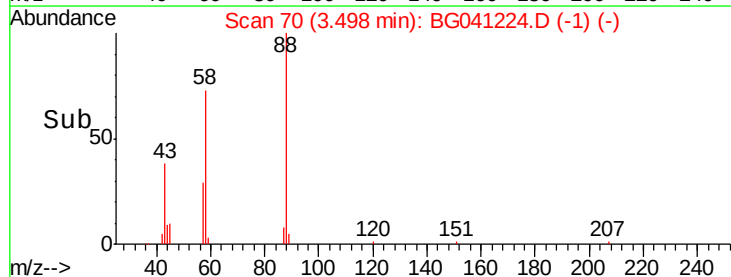
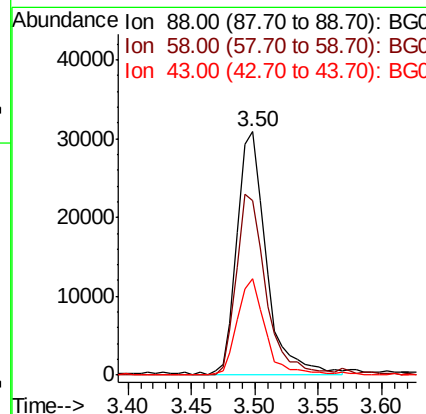
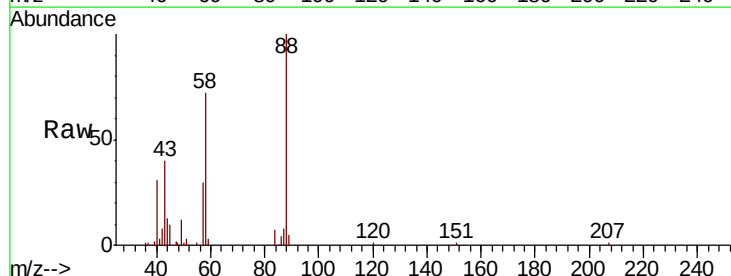
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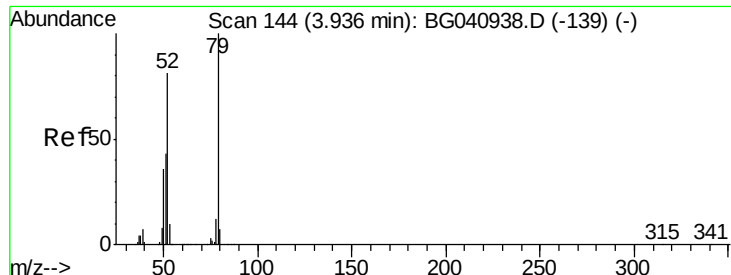


#2

1,4-Dioxane
Concen: 35.934 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.00 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	59.0	88.6
43	37.8	27.2	40.8





#3

Pvridine

Concen: 35.193 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

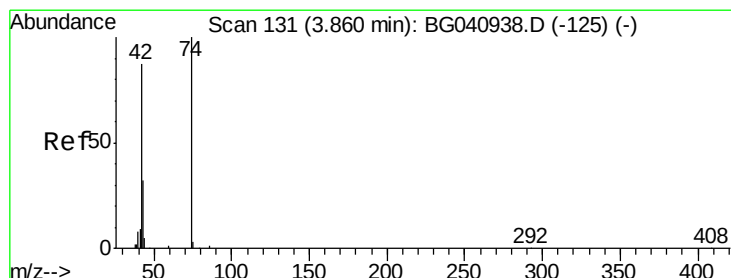
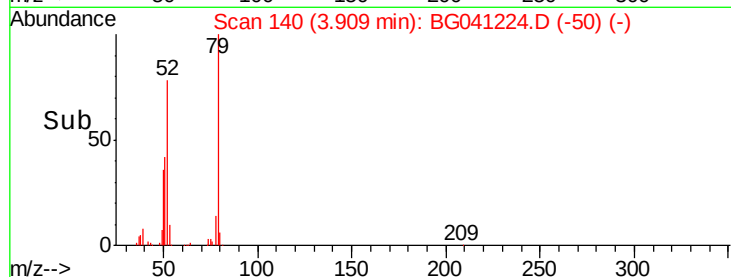
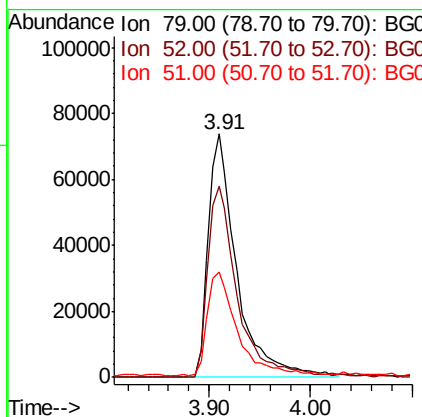
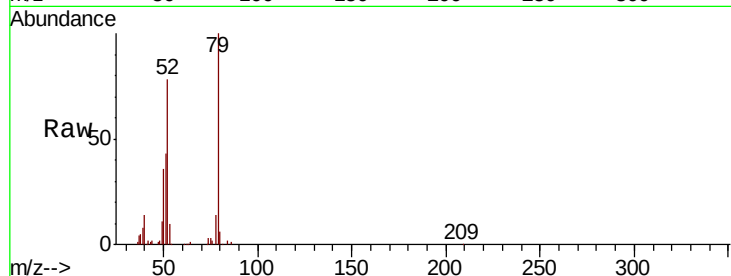
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	78.4	64.8	97.2	
51	43.1	35.3	52.9	

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#4

n-Nitrosodimethylamine

Concen: 43.250 ng

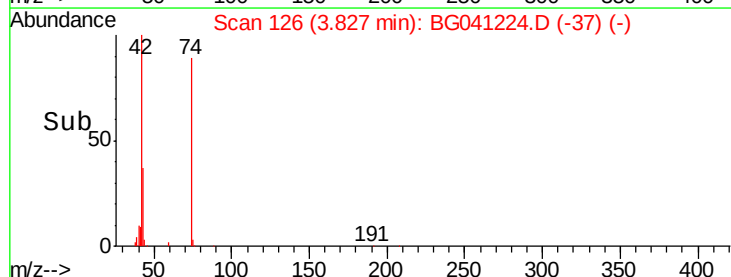
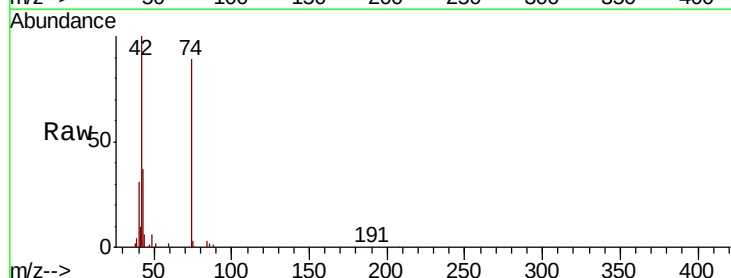
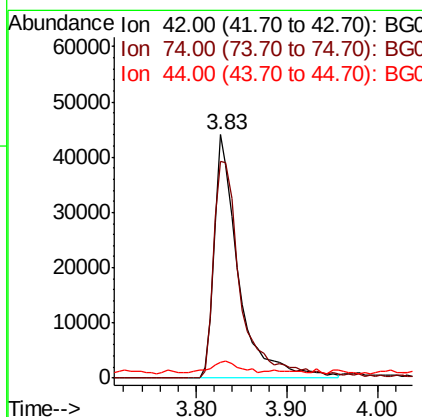
RT: 3.83 min Scan# 126

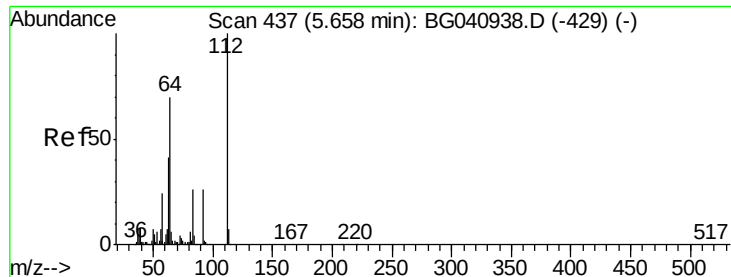
Delta R.T. -0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	89.2	91.8	137.6#	
44	6.2	6.0	9.0	





#5

2-Fluorophenol

Concen: 78.457 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

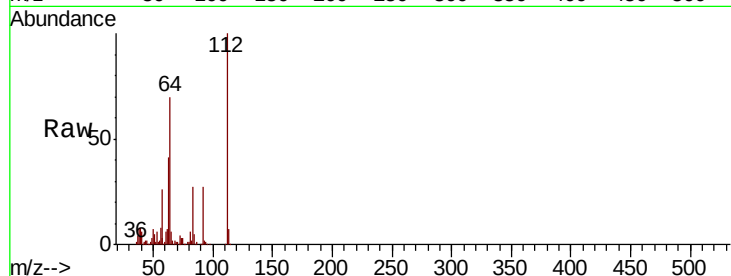
ClientSampleId :

SSTDCCC040

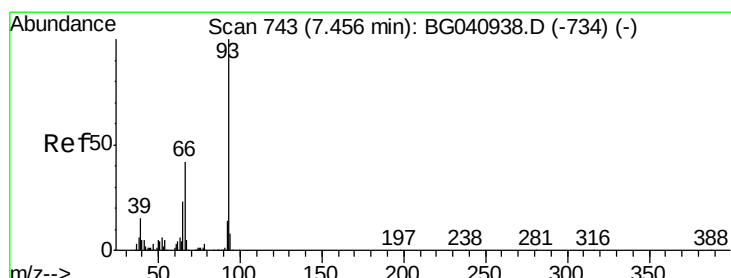
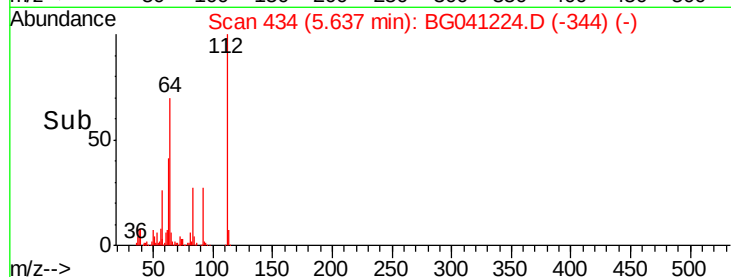
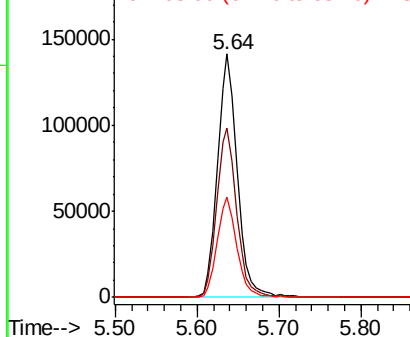
Tot Ion:	112	Resp:	239250
Ion Ratio	Lower	Upper	
112	100		
64	69.7	56.2	84.2
63	41.0	32.8	49.2

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



#6

Aniline

Concen: 38.940 ng

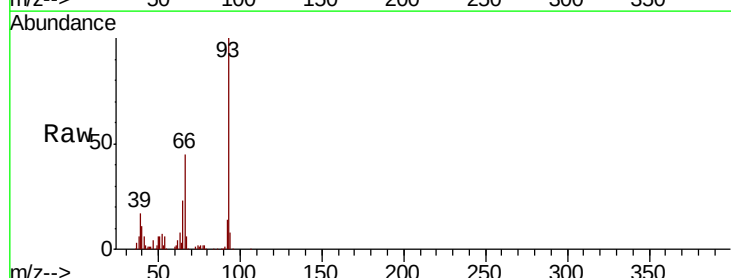
RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

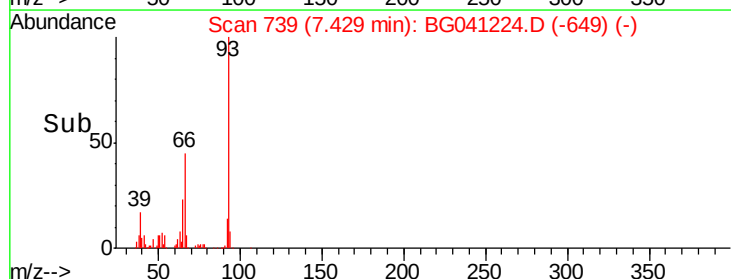
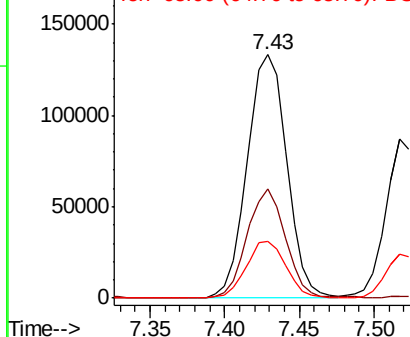
Lab File: BG041224.D

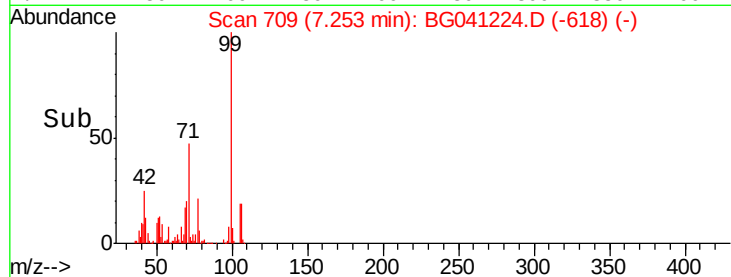
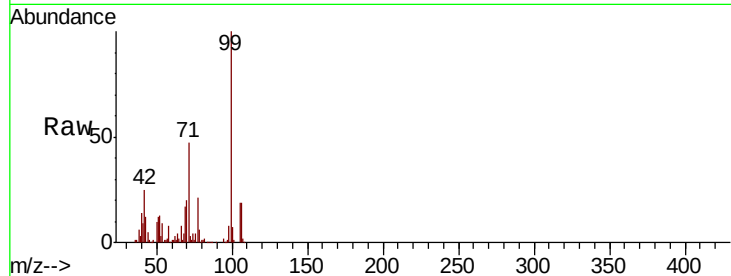
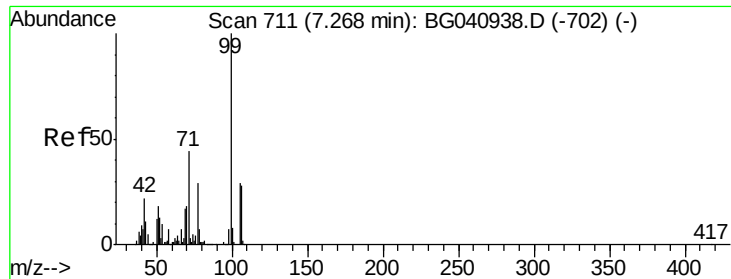
Acq: 13 Jun 2019 10:13

Tgt Ion:	93	Resp:	244786
Ion Ratio	Lower	Upper	
93	100		
66	44.8	33.8	50.8
65	23.4	18.3	27.5



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





#7

Phenol-d6

Concen: 77.892 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tot Ion:	99	Resp:	366838
Ion	Ratio	Lower	Upper
99	100		
42	24.7	17.9	26.9
71	47.1	35.4	53.0

Instrument :

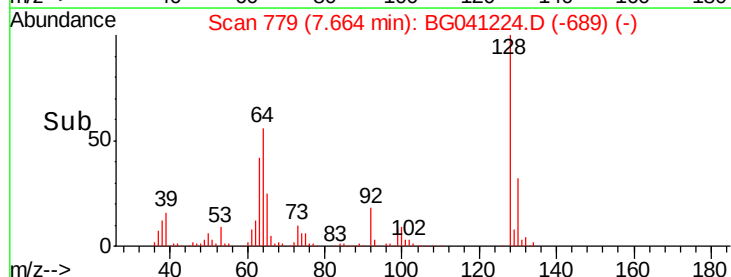
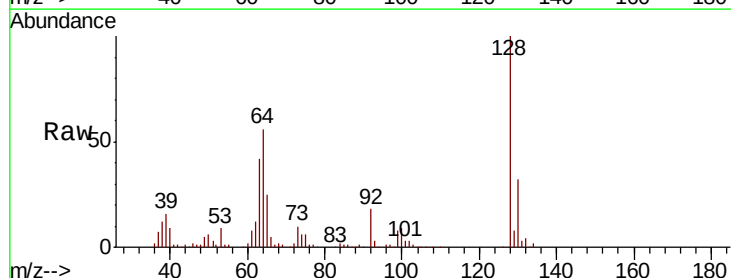
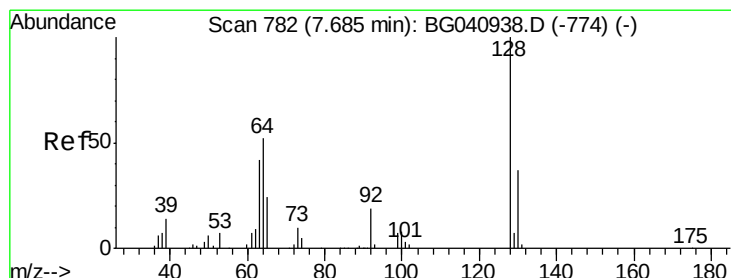
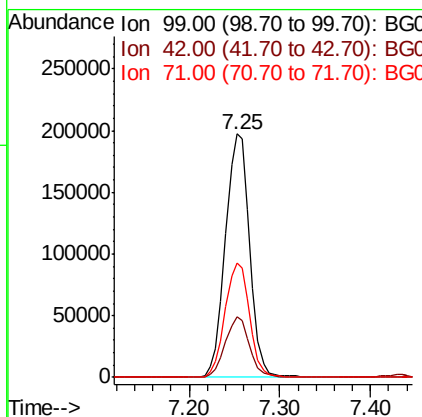
BNA_G

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#8

2-Chlorophenol

Concen: 39.416 ng

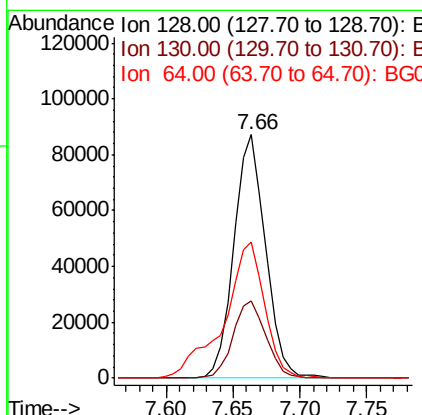
RT: 7.66 min Scan# 779

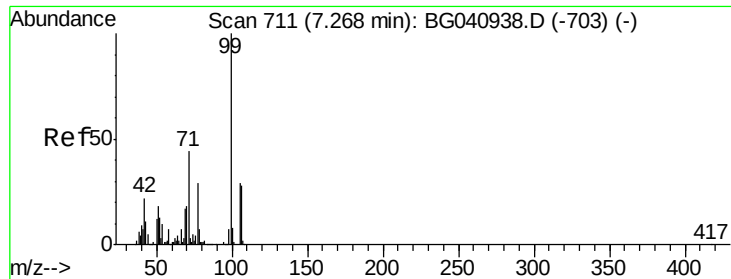
Delta R.T. -0.00 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tgt Ion:	128	Resp:	143296
Ion	Ratio	Lower	Upper
128	100		
130	31.5	16.6	56.6
64	56.0	37.8	77.8





#9

Benzaldehyde

Concen: 41.478 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

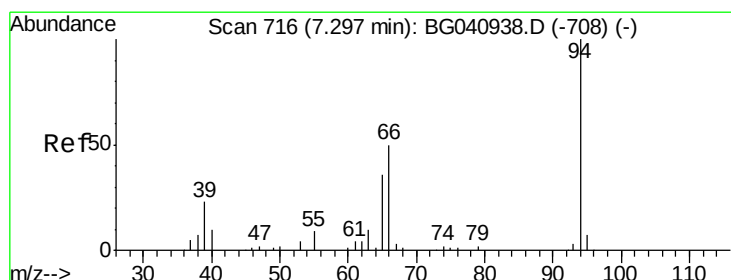
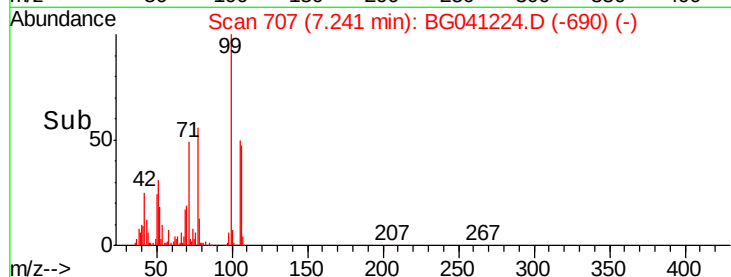
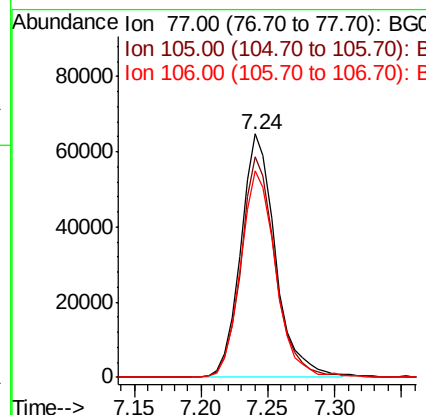
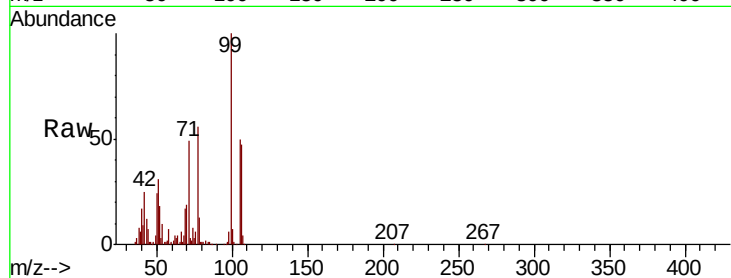
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.6	78.9	118.9
106	84.6	76.7	116.7

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#10

Phenol

Concen: 38.759 ng

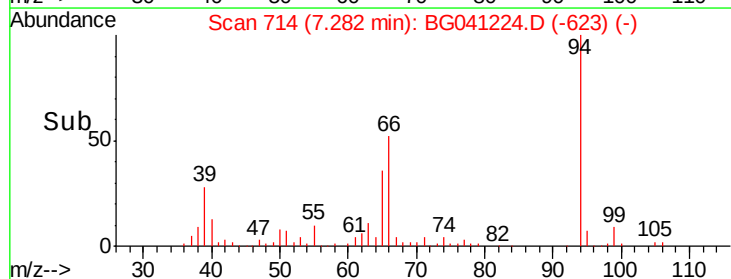
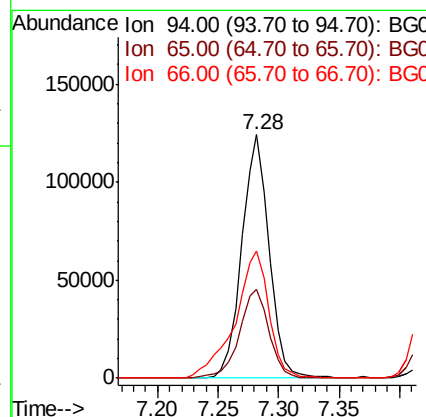
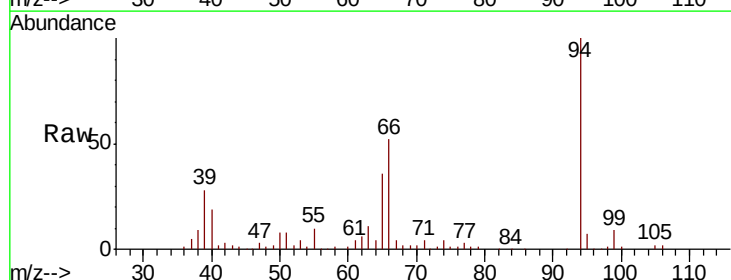
RT: 7.28 min Scan# 714

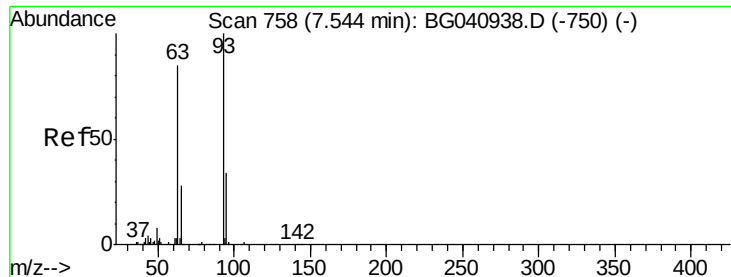
Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.5	17.0	57.0
66	52.2	32.4	72.4





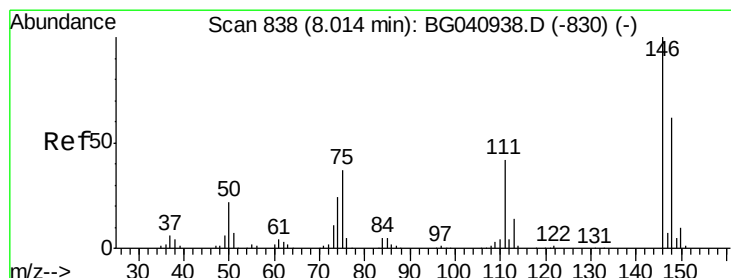
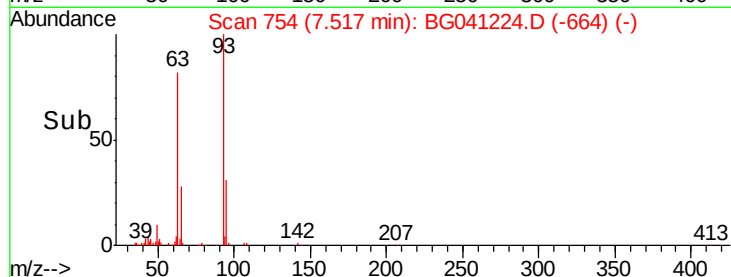
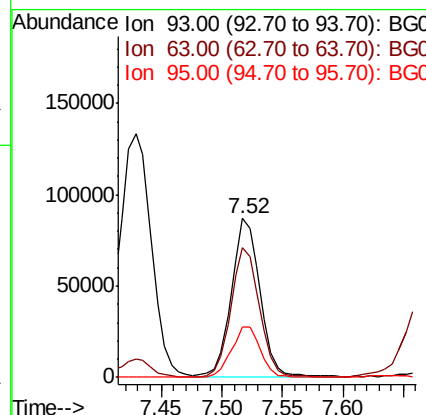
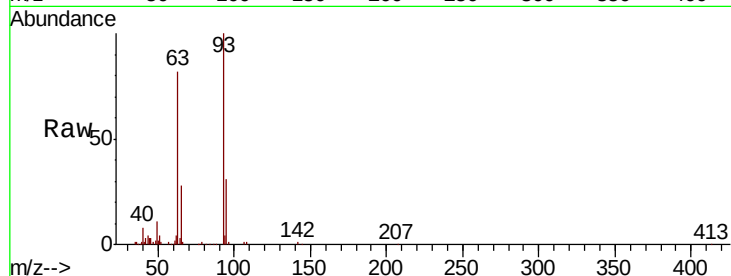
#11
bis(2-Chloroethyl)ether
Concen: 38.969 ng
RT: 7.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	64.5	104.5
95	31.4	13.3	53.3

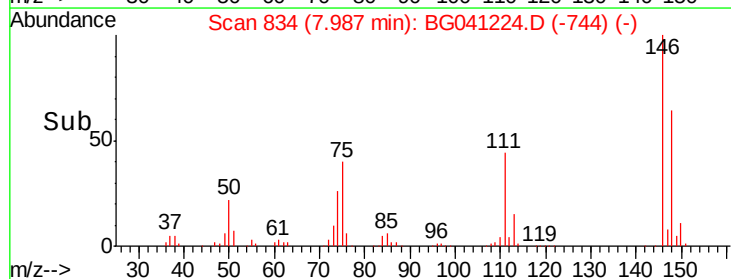
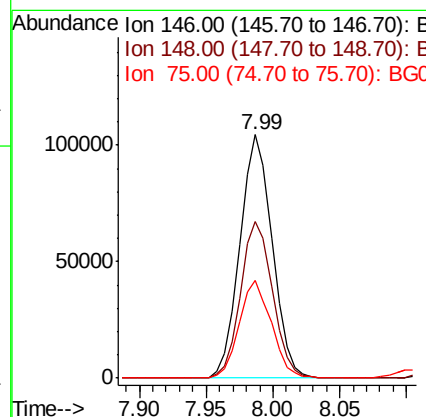
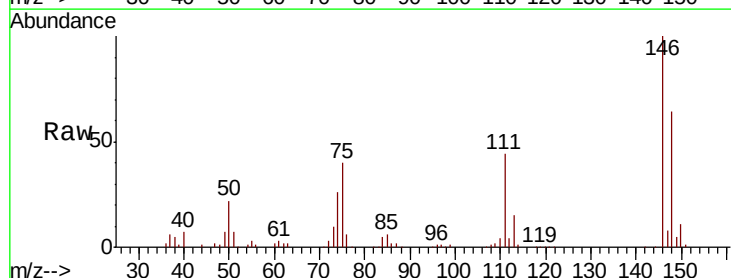
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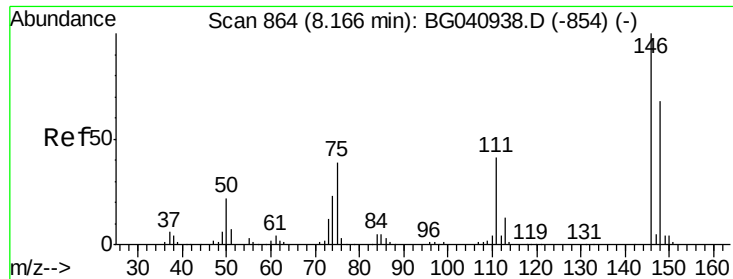
mohammad
6/14/2019 8:48:10 AM



#12
1,3-Dichlorobenzene
Concen: 40.393 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.2	73.8
75	39.9	29.4	44.0





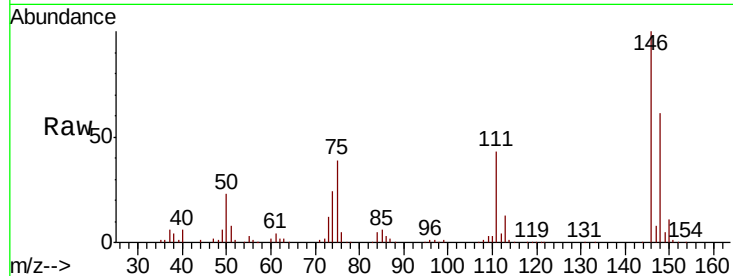
#13
1,4-Dichlorobenzene
Concen: 40.936 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.2	54.2	81.4
111	42.9	32.9	49.3

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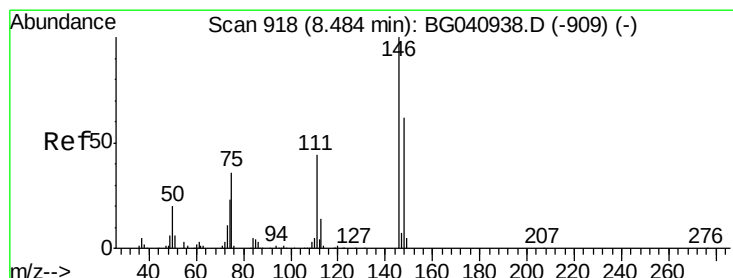
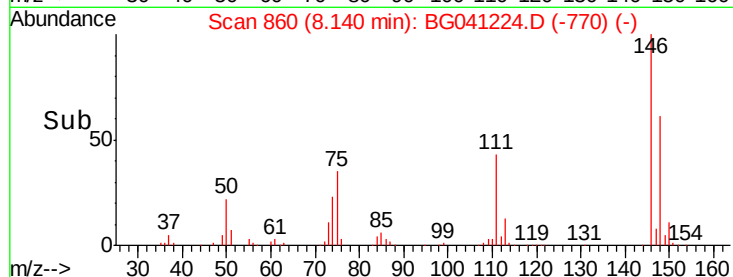
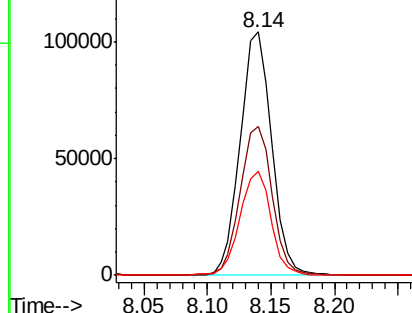


Abundance

Ion 146.00 (145.70 to 146.70): E

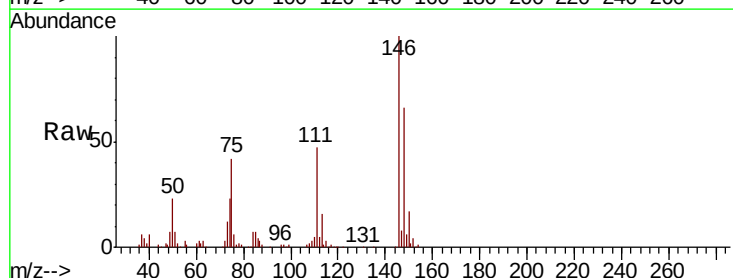
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.654 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	49.8	74.6
111	47.3	35.0	52.4

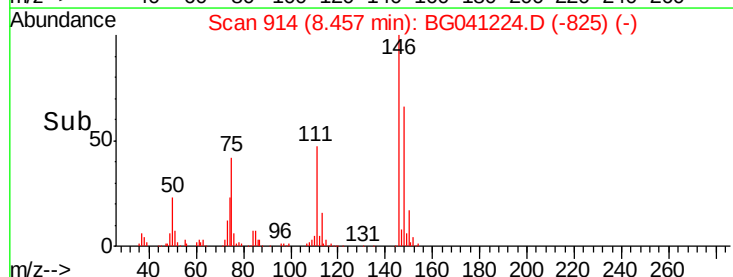
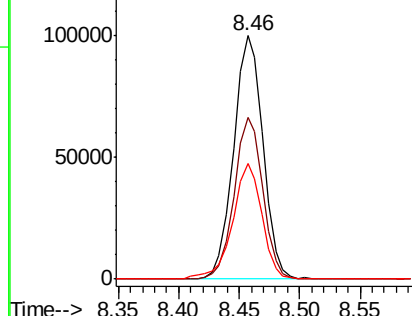


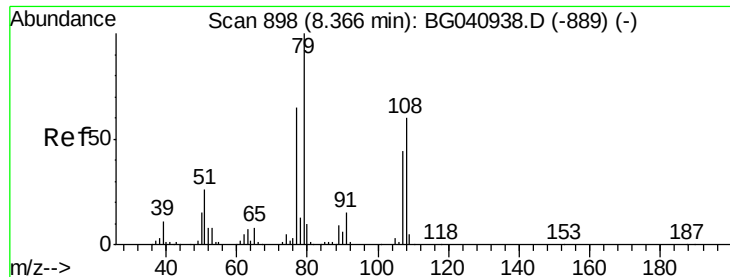
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.986 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

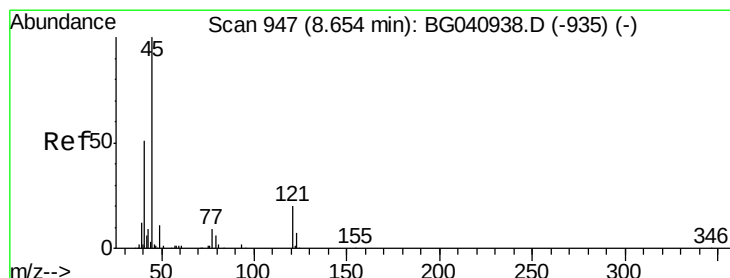
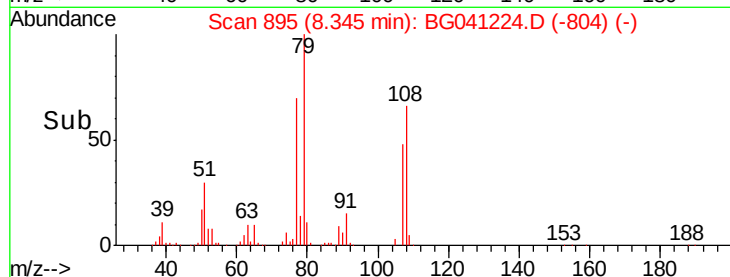
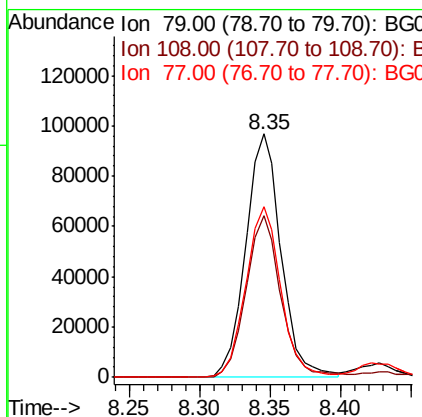
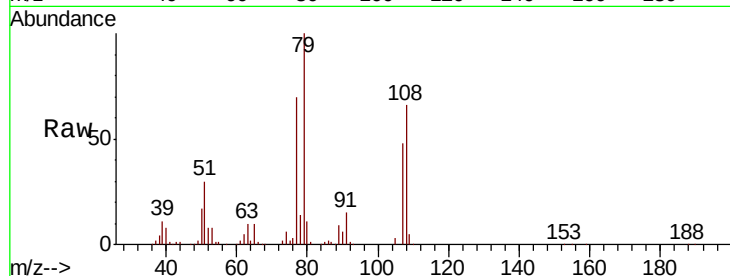
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	169844
Ion	Ratio	Lower	Upper
79	100		
108	66.2	48.3	72.5
77	70.2	52.3	78.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.815 ng

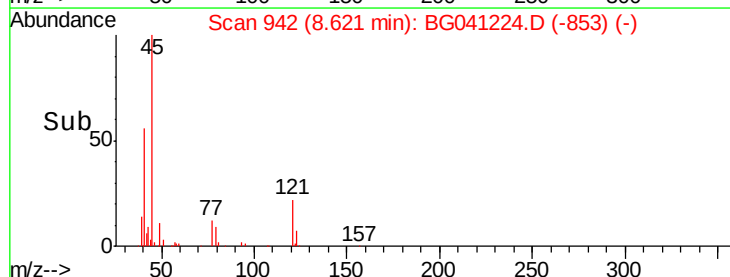
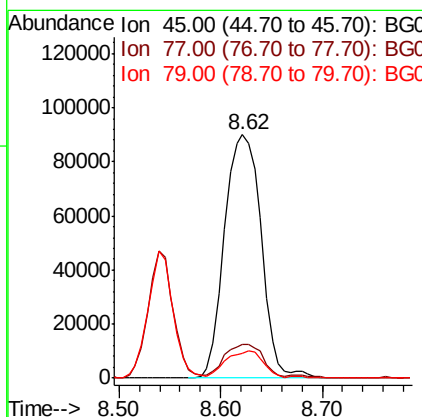
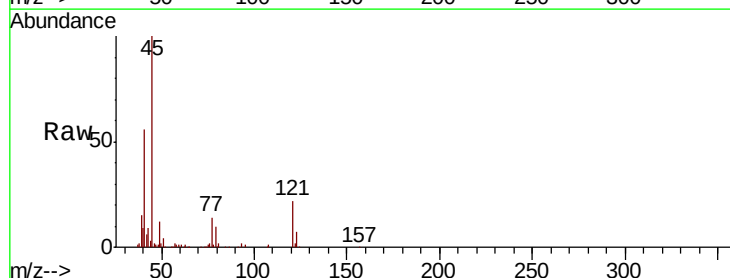
RT: 8.62 min Scan# 942

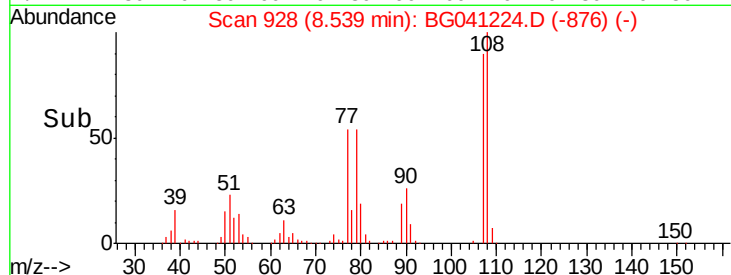
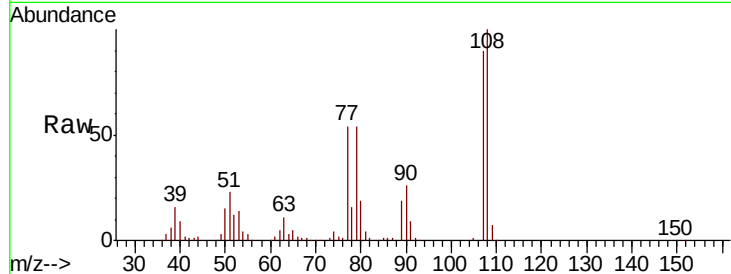
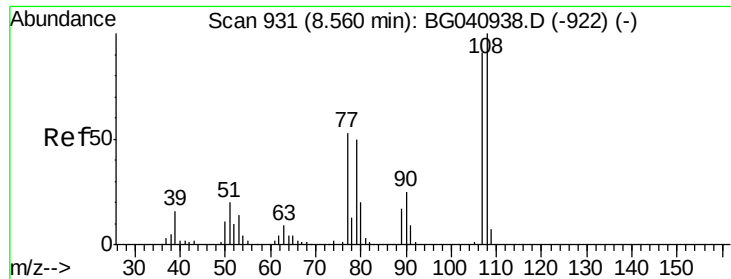
Delta R.T. -0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tgt Ion:	45	Resp:	226359
Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.7
79	10.0	0.0	30.2





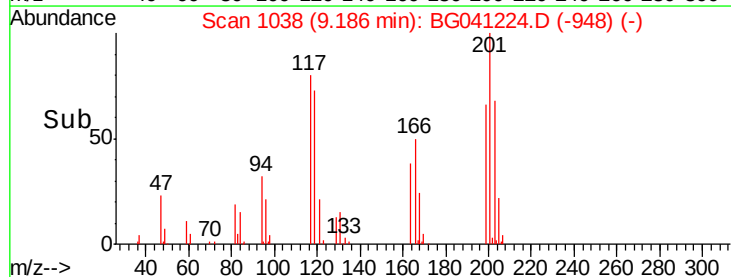
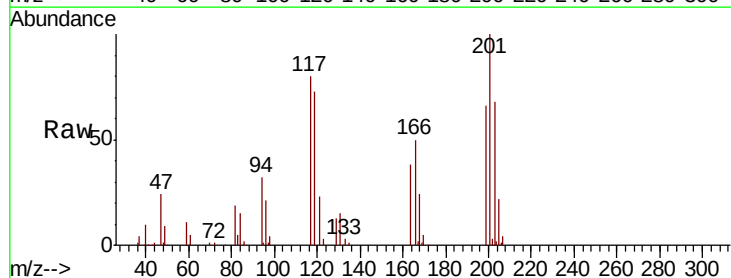
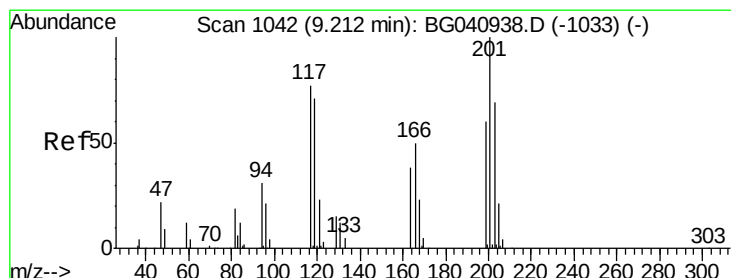
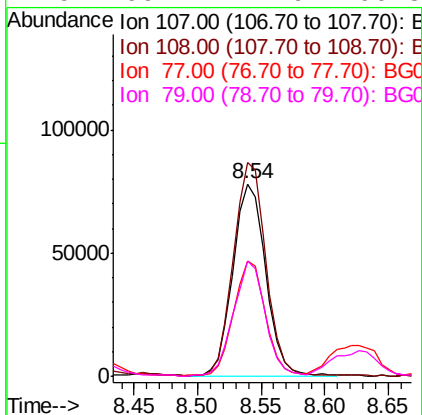
#17
2-Methylphenol
Concen: 38.408 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	87.7	131.5	
77	60.2	46.6	70.0	
79	60.1	44.6	66.8	

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

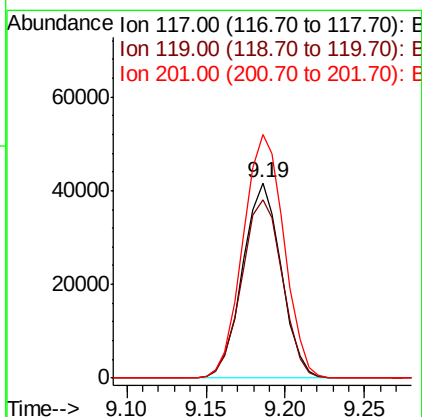
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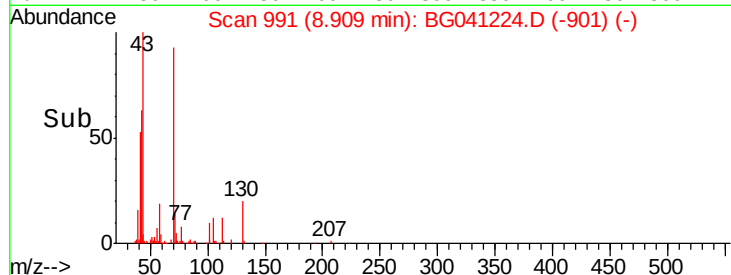
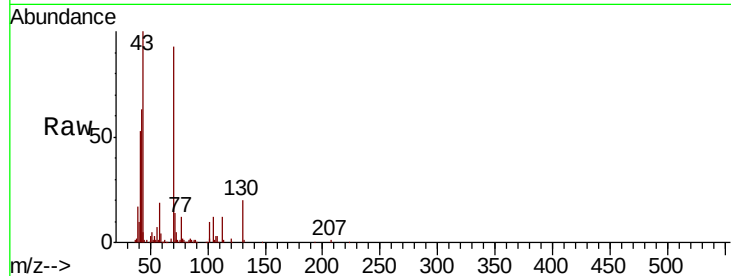
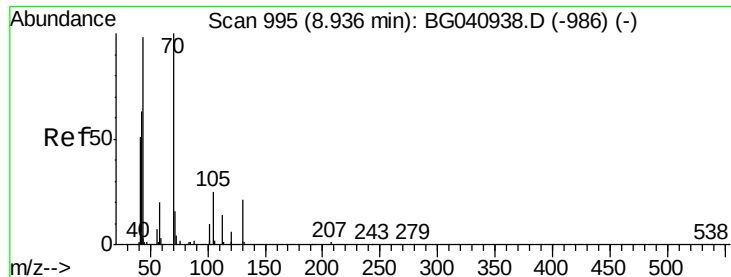
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#18
Hexachloroethane
Concen: 41.509 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.2	75.0	112.6	
201	124.7	103.5	155.3	





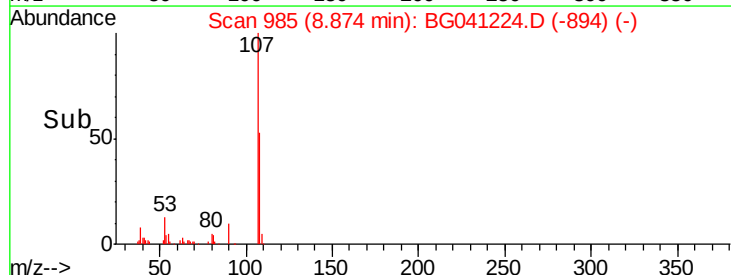
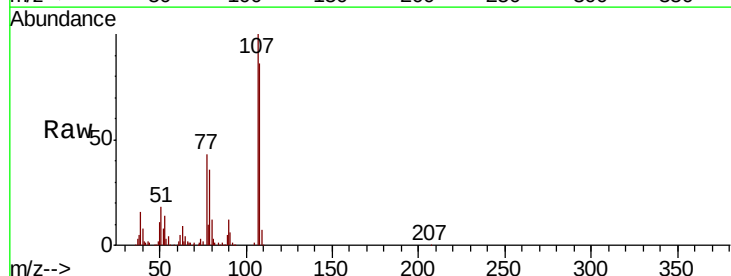
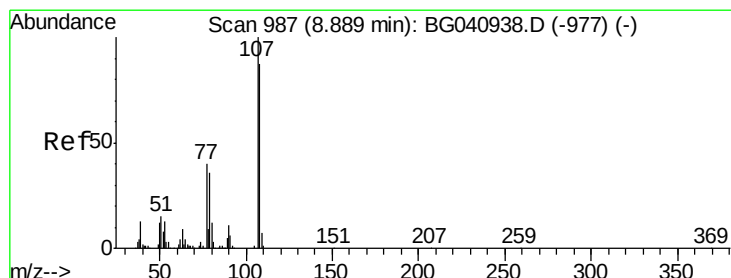
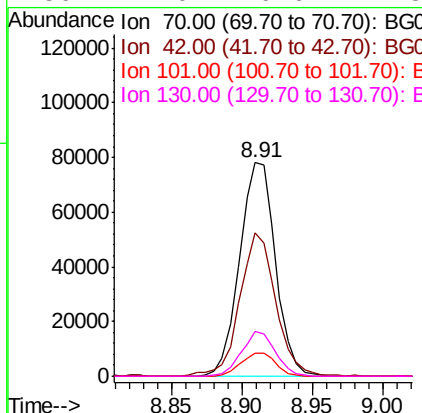
#19
n-Nitroso-di-n-propylamine
Concen: 38.301 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.9	51.5	77.3	
101	10.5	8.1	12.1	
130	21.0	16.6	24.8	

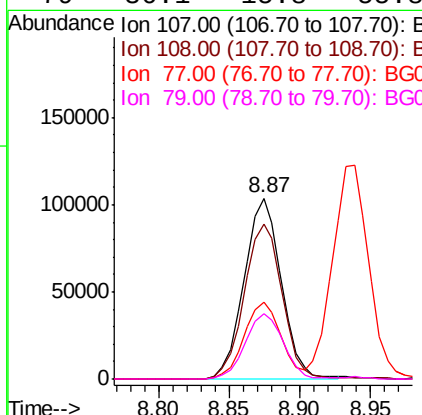
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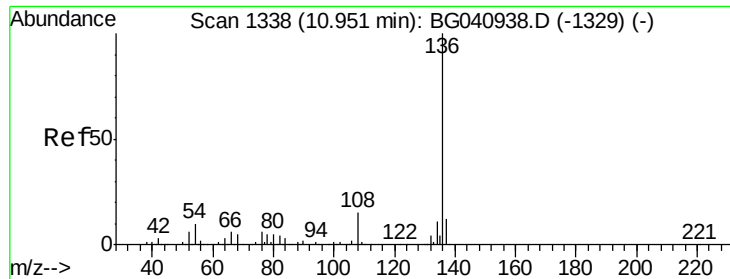
mohammad
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#20
3+4-Methylphenols
Concen: 37.699 ng
RT: 8.87 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	66.8	106.8	
77	42.8	20.5	60.5	
79	36.1	15.8	55.8	





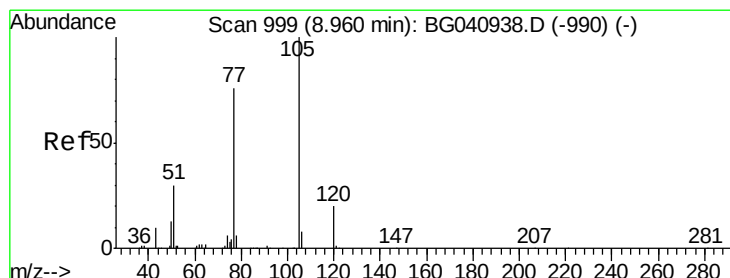
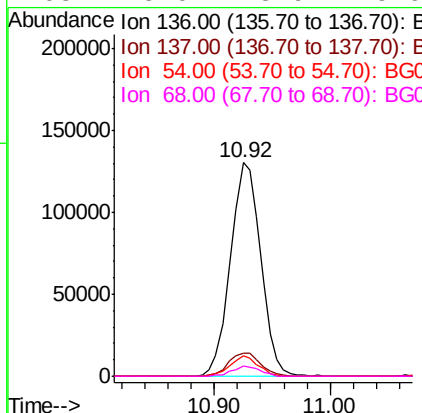
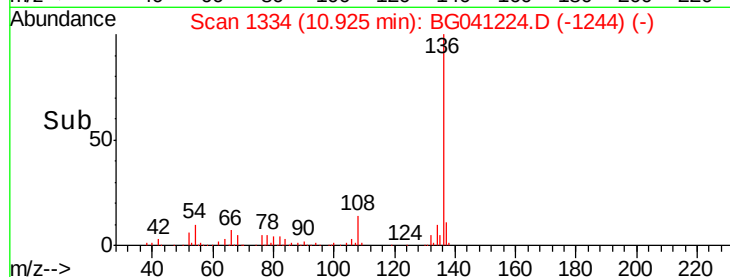
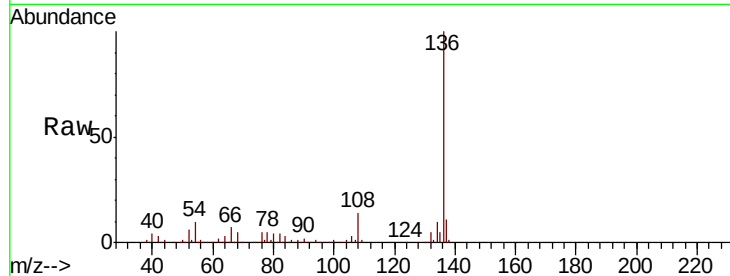
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	236294		
137	11.0	9.5	14.3	
54	9.6	7.6	11.4	
68	5.0	3.9	5.9	

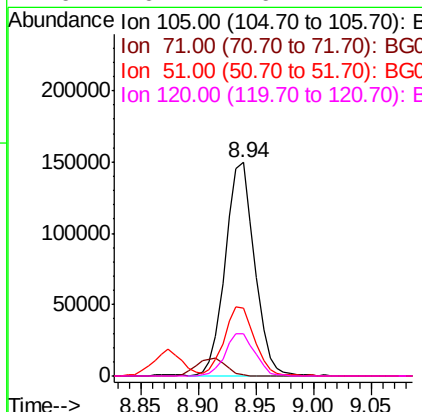
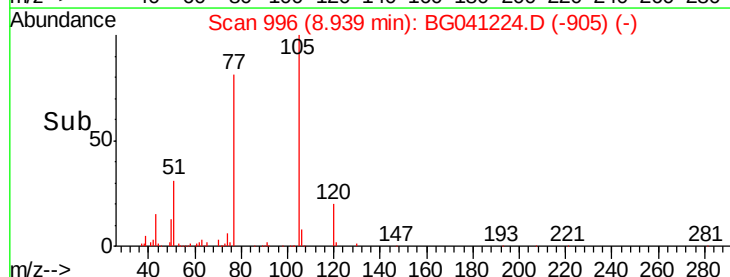
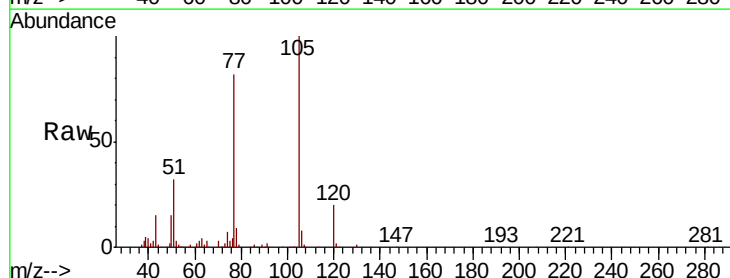
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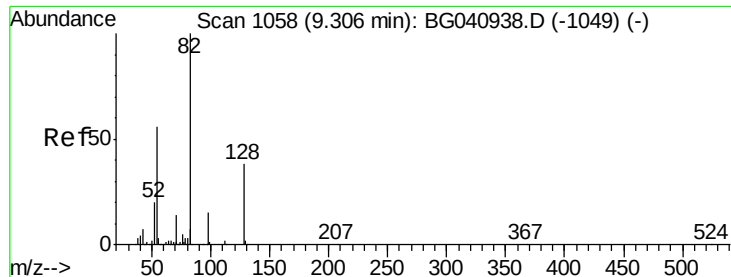
mohammad
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#22
Acetophenone
Concen: 39.860 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	264213		
71	0.4	0.4	0.6	
51	32.1	27.0	40.6	
120	20.1	16.2	24.4	





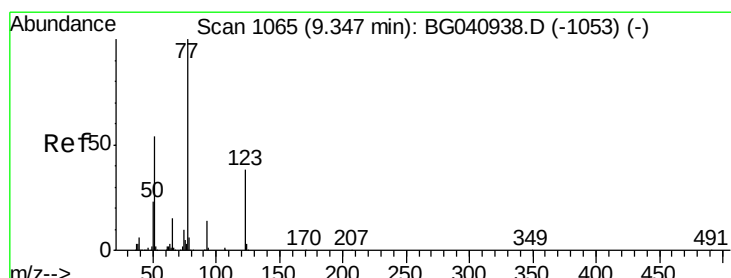
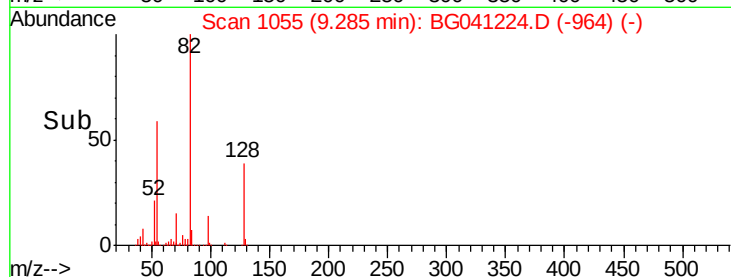
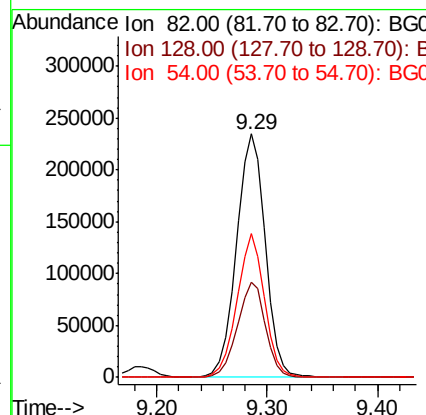
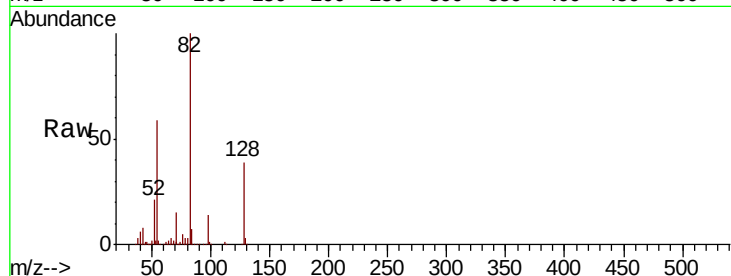
#23
 Nitrobenzene-d5
 Concen: 80.535 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.5	45.7
54	58.9	44.6	66.8

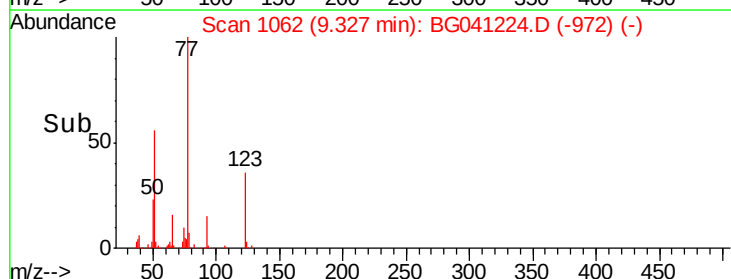
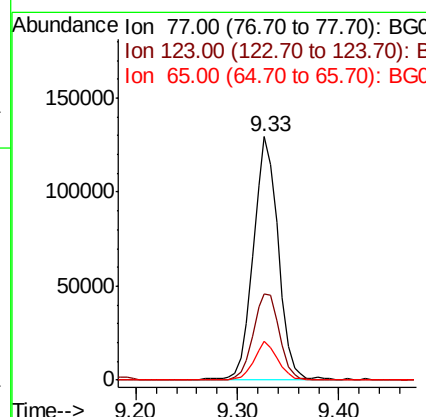
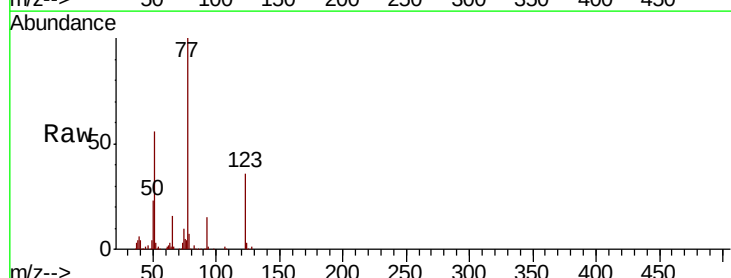
Manual Integrations
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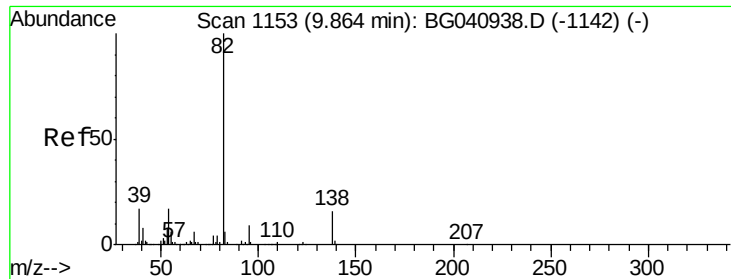
mohammad
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#24
 Nitrobenzene
 Concen: 40.622 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.7	30.6	46.0
65	16.2	12.3	18.5





#25

Isophorone

Concen: 38.162 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

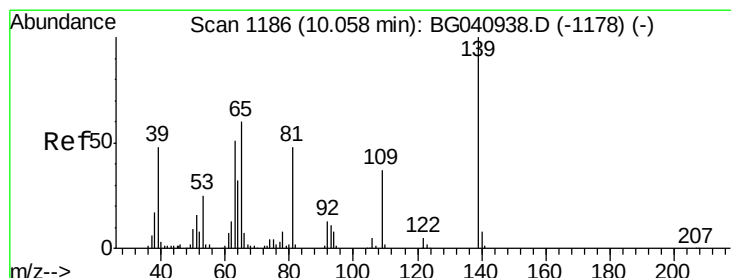
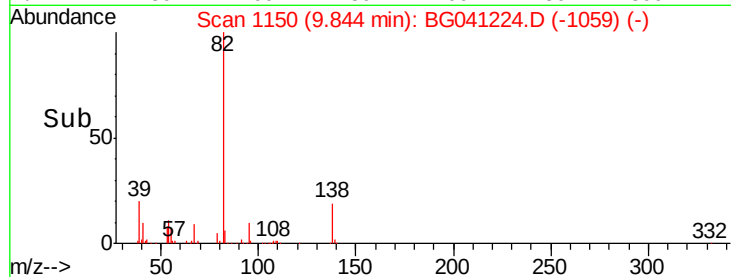
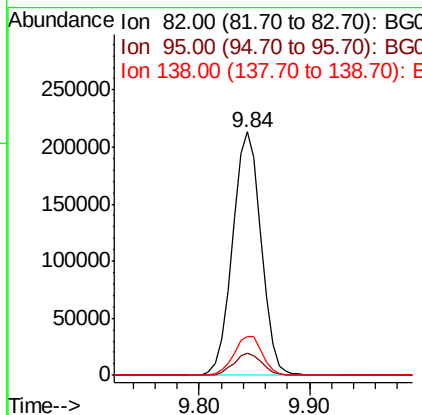
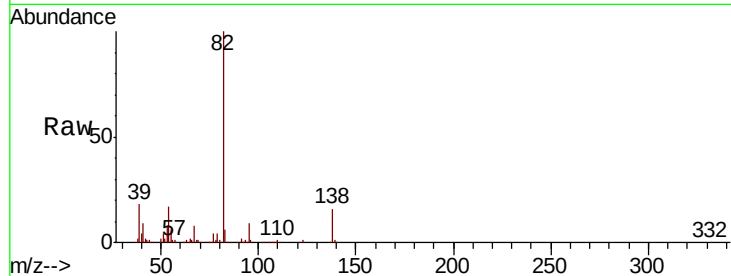
ClientSampleId :

SSTDCCC040

Tot Ion	82	Resp	386560
Ion	Ratio	Lower	Upper
82	100		
95	8.8	7.0	10.4
138	16.2	12.6	19.0

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#26

2-Nitrophenol

Concen: 42.888 ng

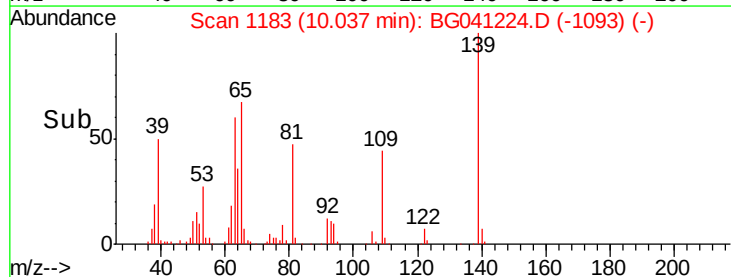
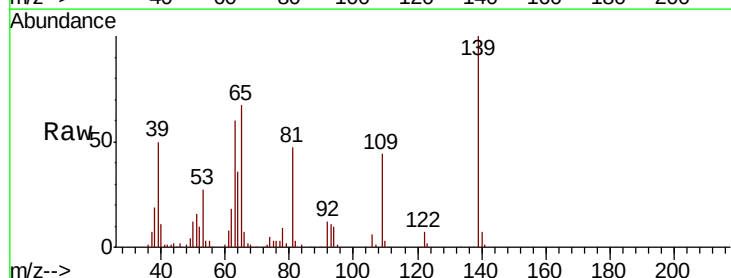
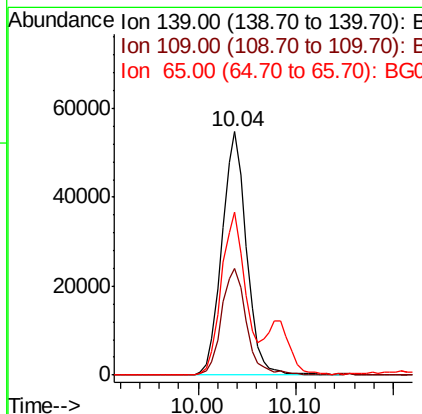
RT: 10.04 min Scan# 1183

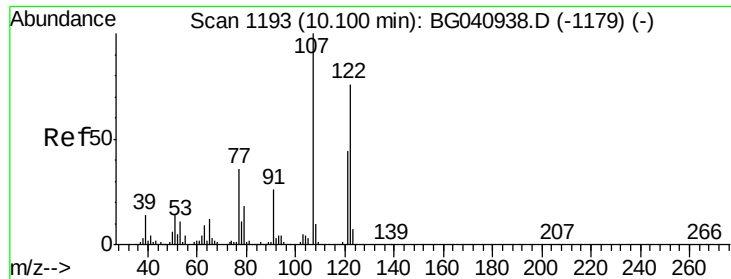
Delta R.T. -0.00 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tgt Ion	139	Resp	95904
Ion	Ratio	Lower	Upper
139	100		
109	43.6	29.8	44.6
65	66.7	47.8	71.6





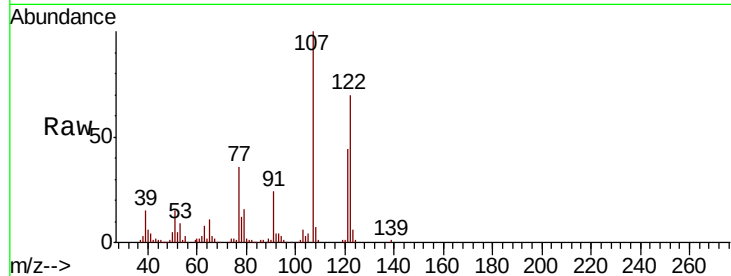
#27
2,4-Dimethylphenol
Concen: 36.159 ng
RT: 10.08 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

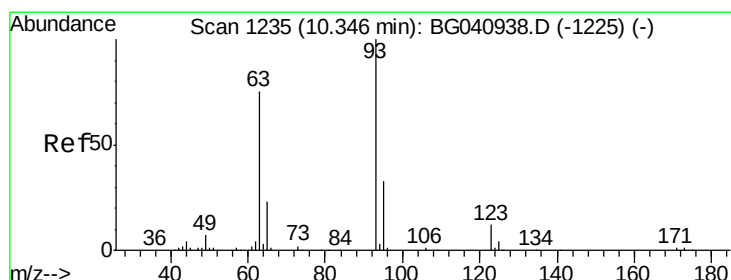
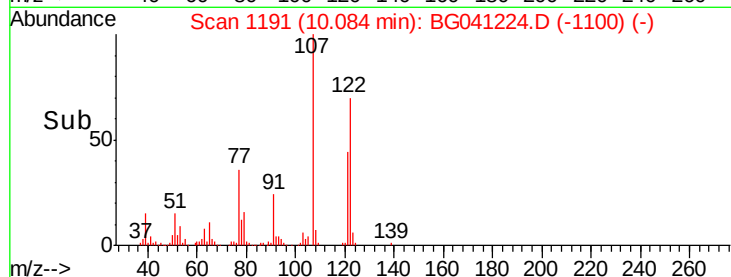
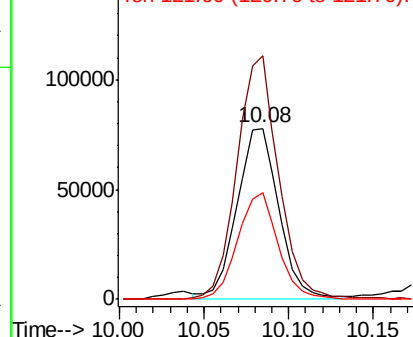
Tot Ion	Ratio	Lower	Upper
122	100		
107	142.5	105.9	158.9
121	62.1	46.2	69.4

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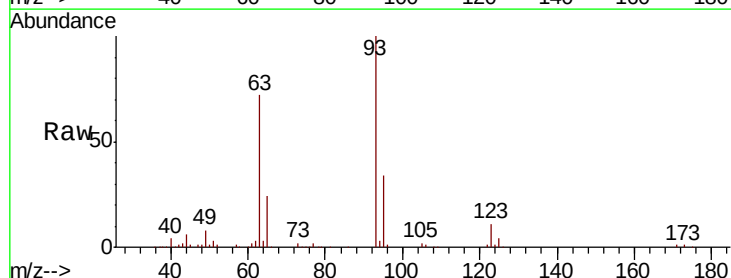


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

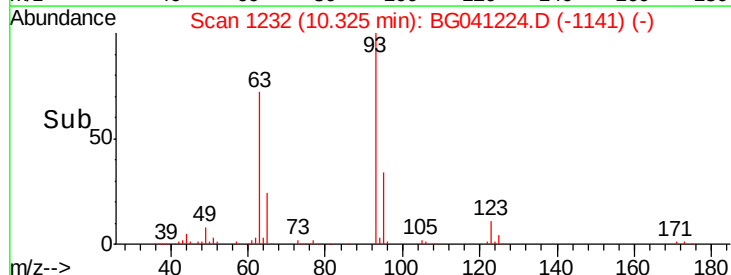
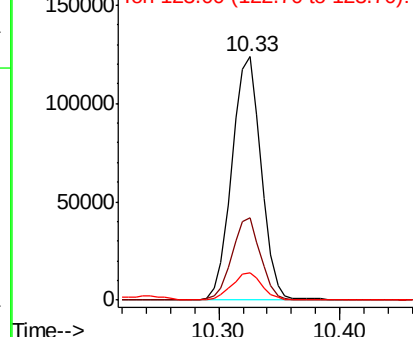


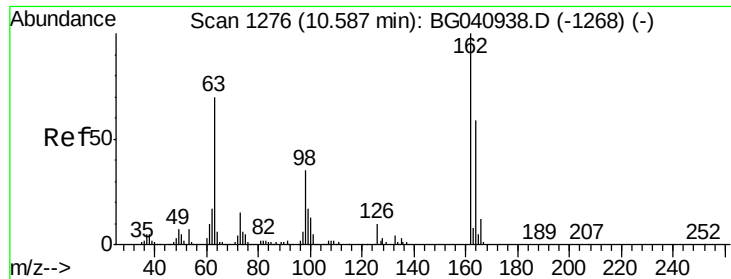
#28
bis(2-Chloroethoxy)methane
Concen: 38.237 ng
RT: 10.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.2	39.2
123	11.2	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





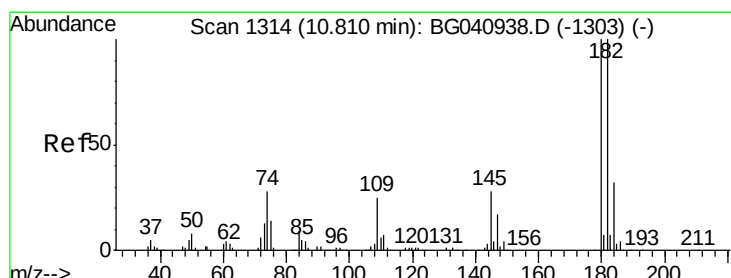
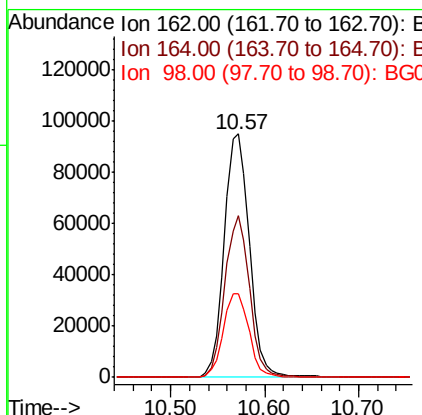
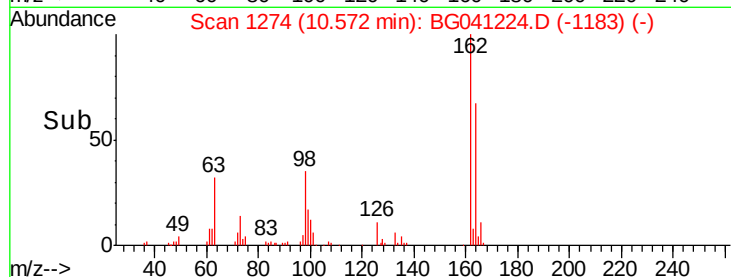
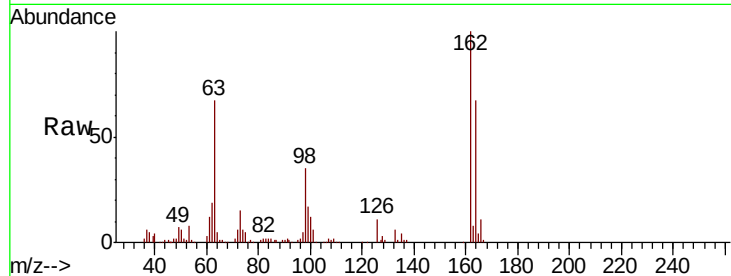
#29
2,4-Dichlorophenol
Concen: 37.771 ng
RT: 10.57 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	39.4	79.4
98	34.5	15.3	55.3

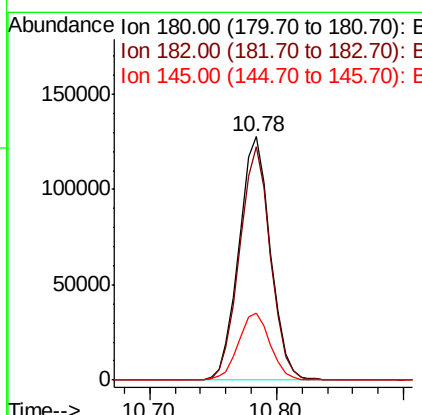
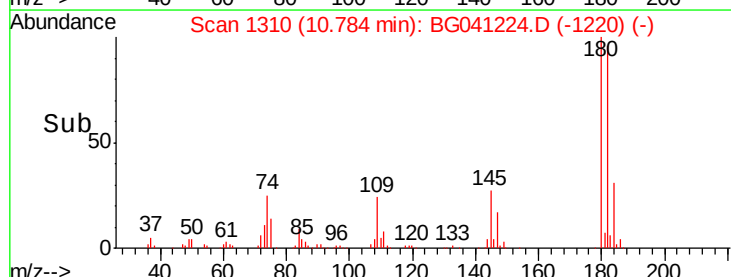
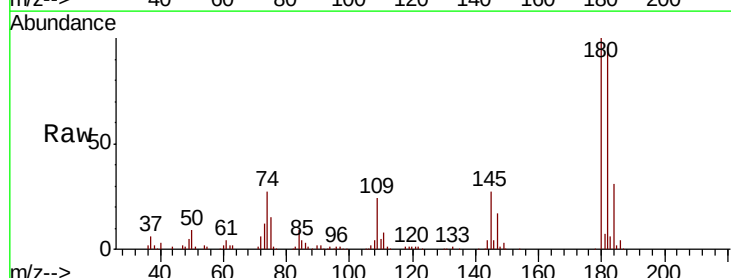
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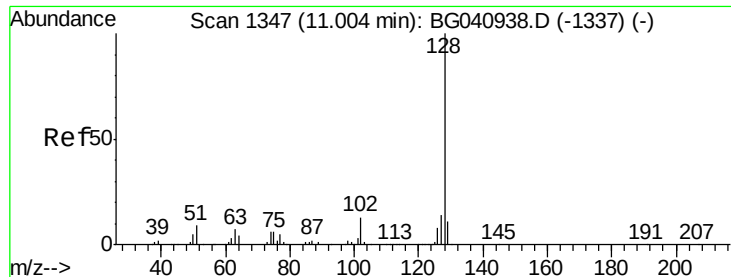
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.064 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	79.7	119.5
145	27.4	22.6	34.0





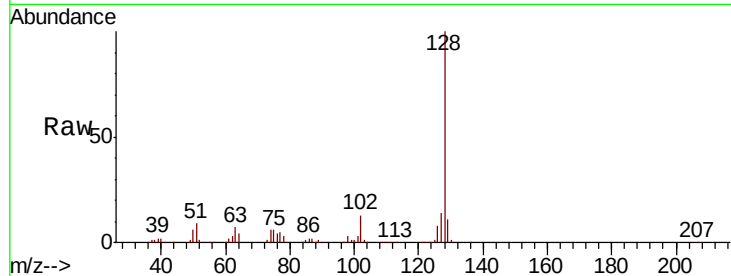
#31
Naphthalene
Concen: 39.809 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	505056		
129	11.3		8.5	12.7
127	13.9		11.4	17.2

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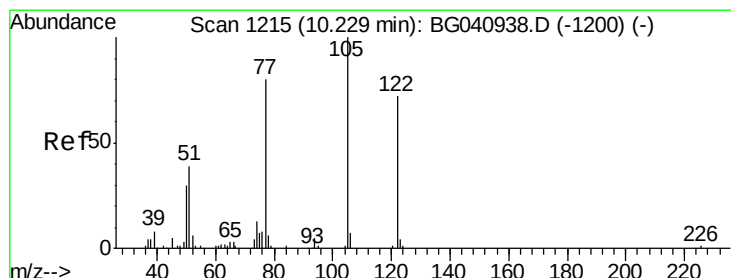
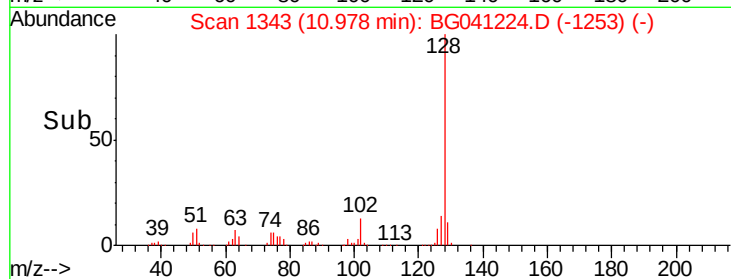
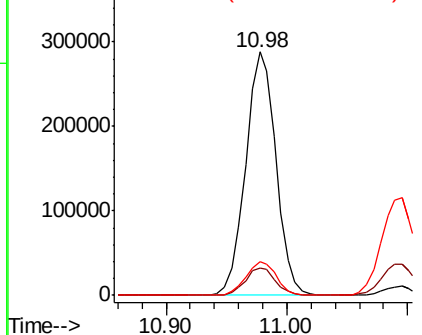


Abundance

Ion 128.00 (127.70 to 128.70): E

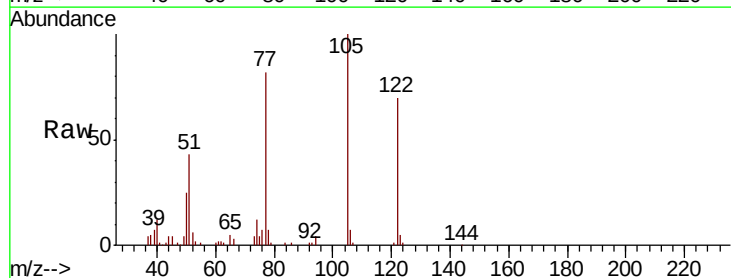
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 34.196 ng
RT: 10.25 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	90118		
105	143.8		114.8	154.8
77	118.2		89.9	129.9

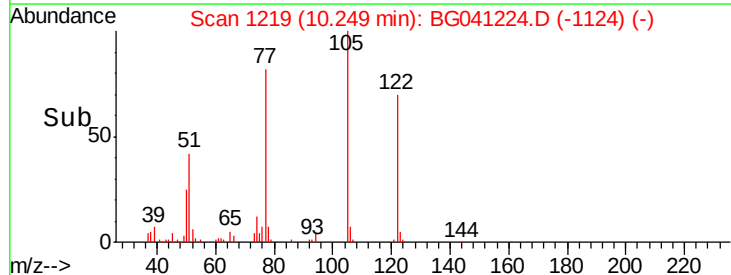
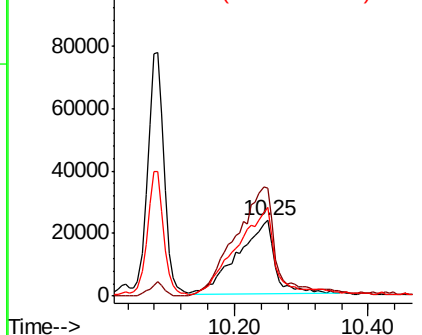


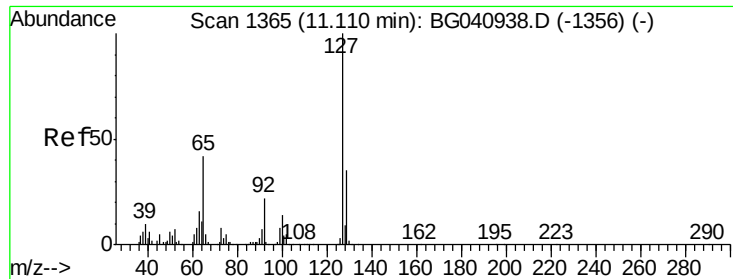
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





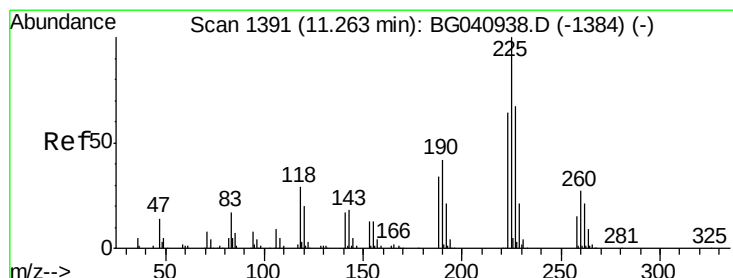
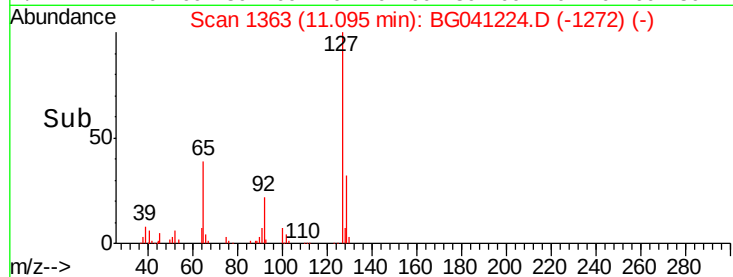
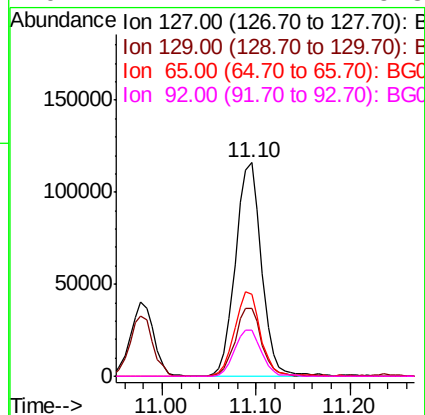
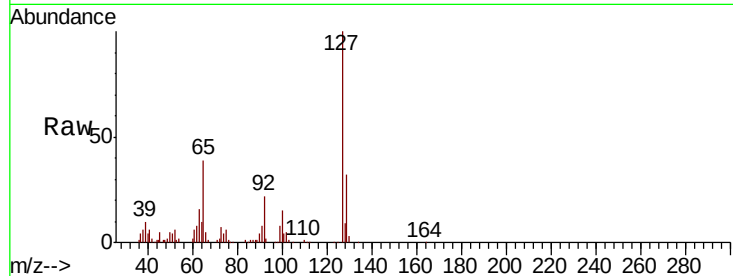
#33
4-Chloroaniline
Concen: 38.026 ng
RT: 11.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	27.7	41.5		
65	38.6	33.2	49.8		
92	21.7	17.2	25.8		

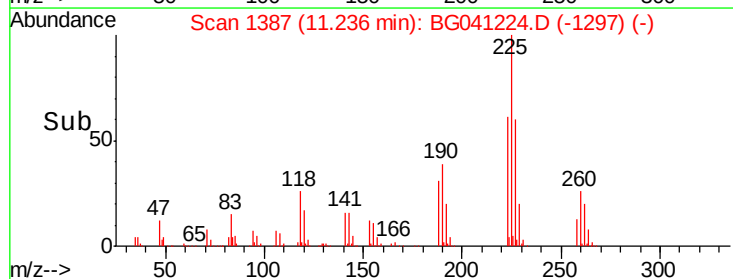
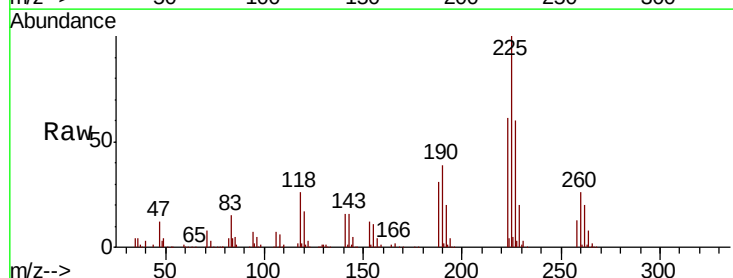
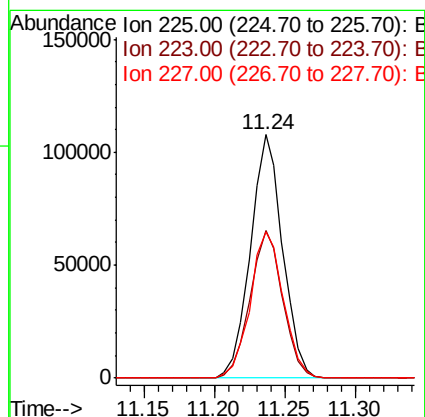
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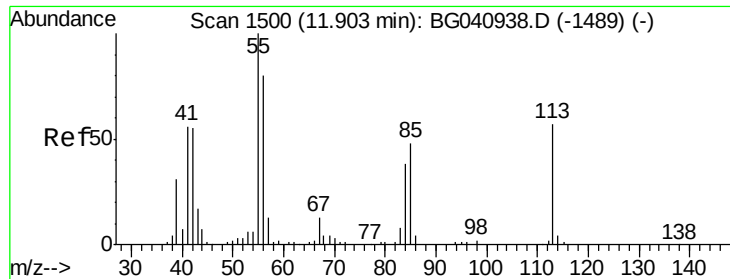
mohammad
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#34
Hexachlorobutadiene
Concen: 42.138 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.5	48.8	73.2		
227	60.3	51.4	77.0		





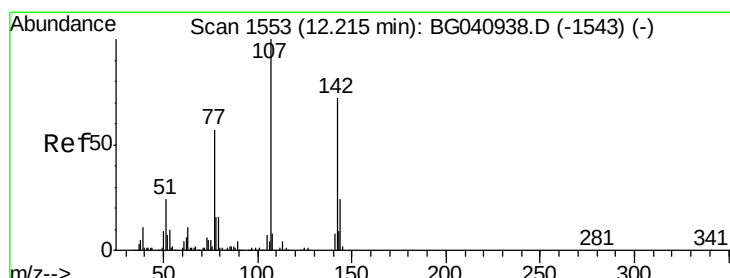
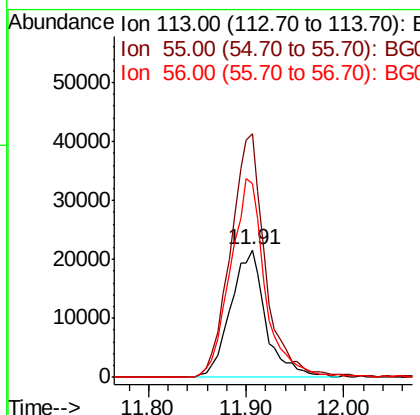
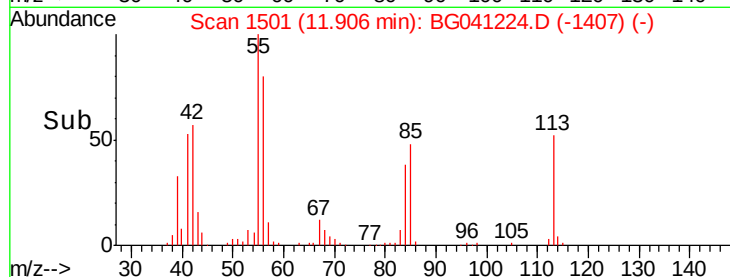
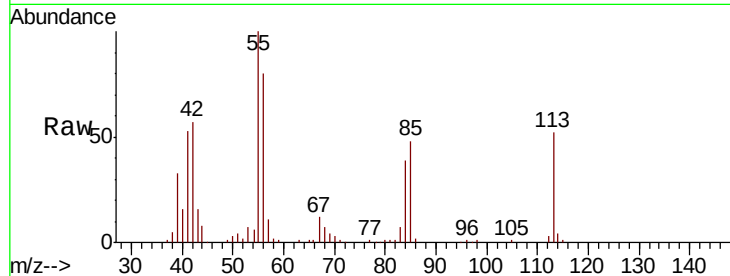
#35
 Caprolactam
 Concen: 34.786 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. 0.02 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	191.5		155.9	195.9	
56	152.5		119.9	159.9	

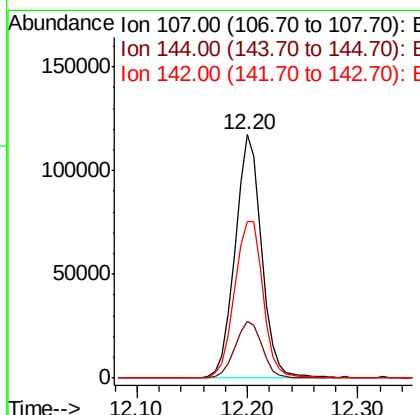
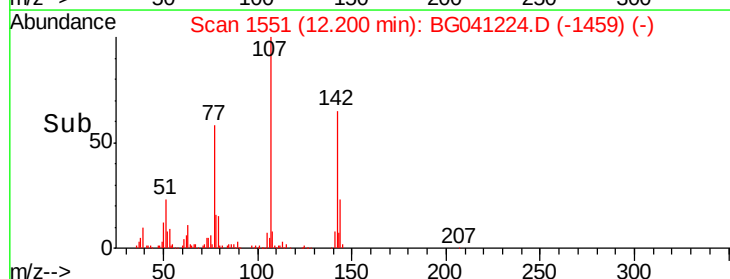
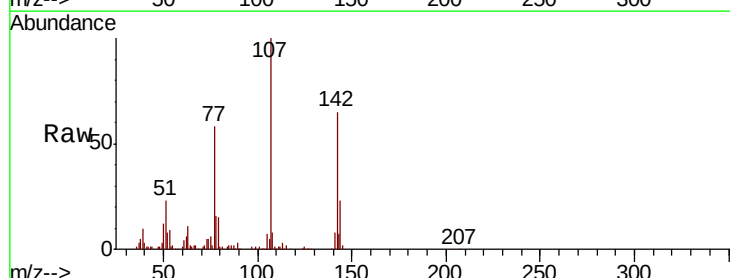
Manual Integrations
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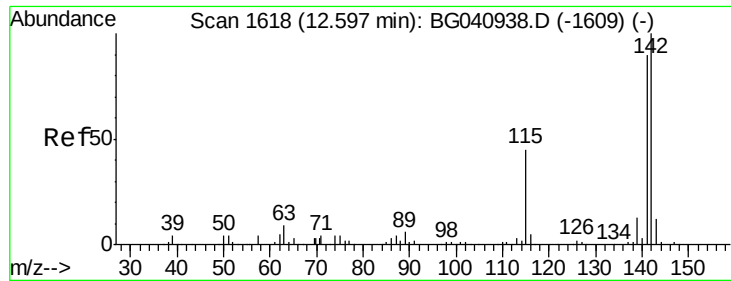
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#36
 4-Chloro-3-methylphenol
 Concen: 36.988 ng
 RT: 12.20 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.2		19.4	29.0	
142	64.5		57.3	85.9	





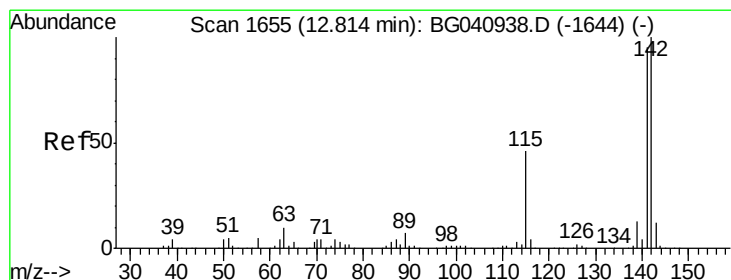
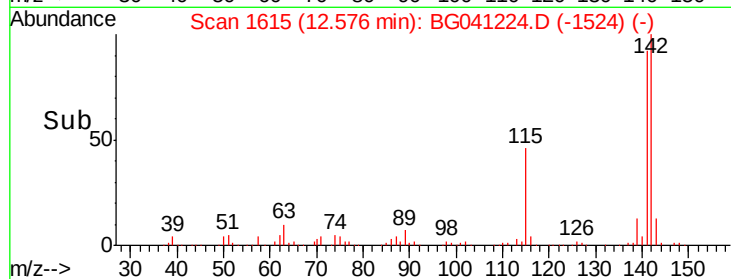
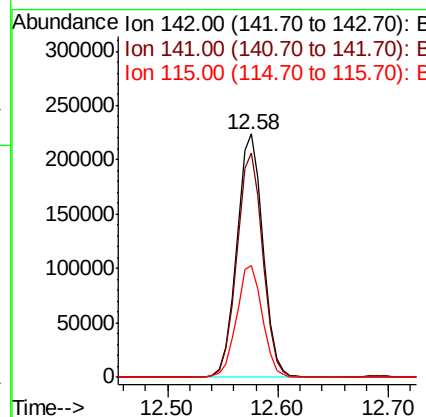
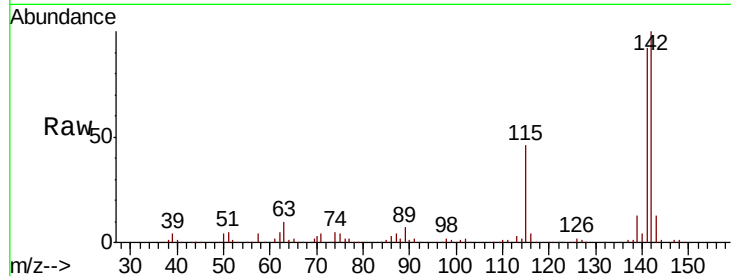
#37
2-Methylnaphthalene
Concen: 37.987 ng
RT: 12.58 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.2	108.4
115	46.2	36.2	54.4

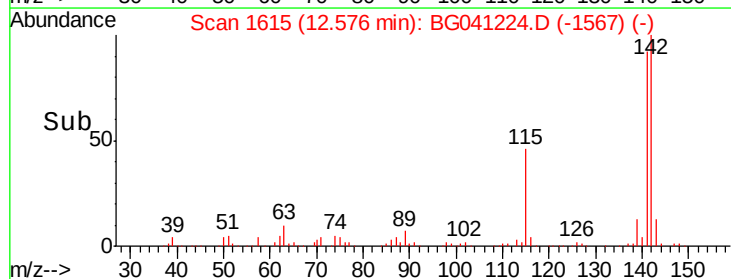
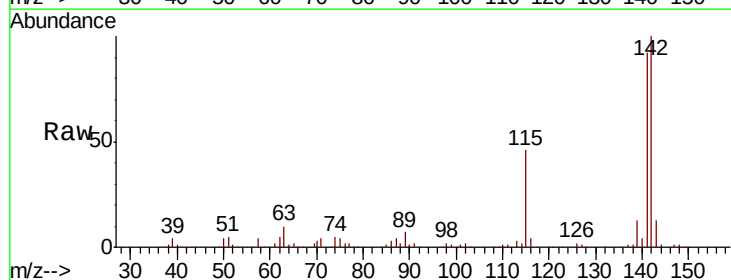
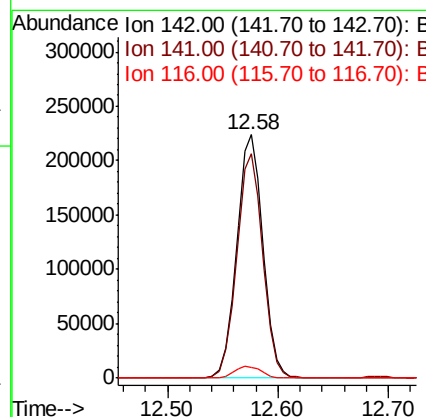
Manual Integrations
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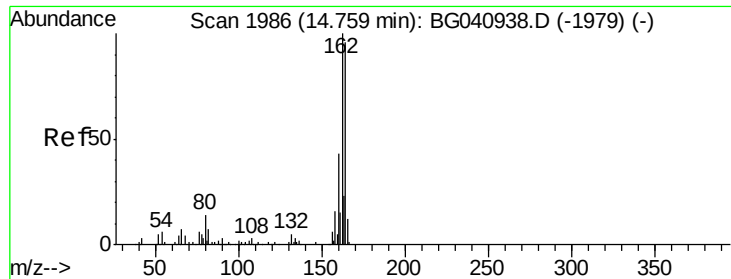
mohammad
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#38
1-Methylnaphthalene
Concen: 40.312 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.22 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.7	113.5
116	4.4	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

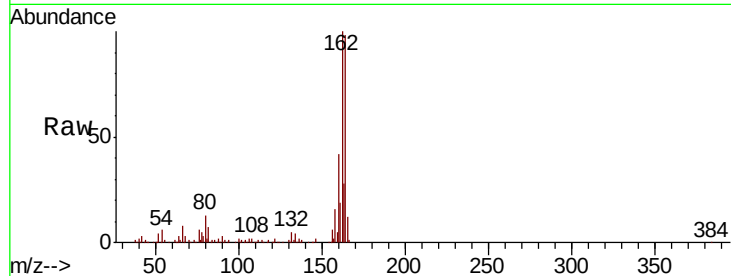
ClientSampled :

SSTDCCC040

Tot Ion:	164	Resp:	162314
Ion Ratio	Lower	Upper	
164	100		
162	102.2	83.0	124.4
160	43.4	35.6	53.4

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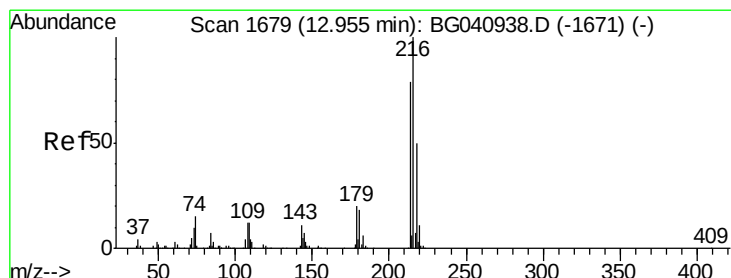
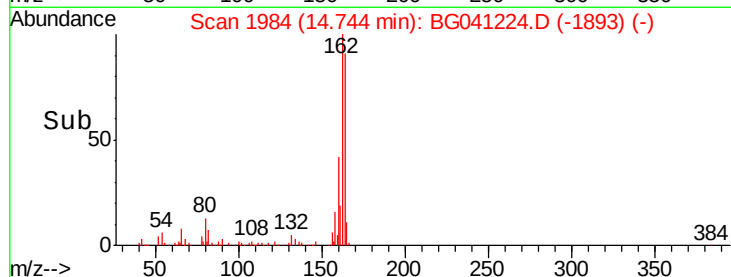
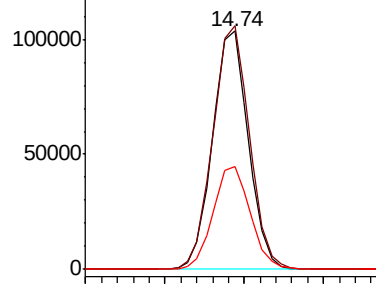


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.377 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tgt Ion:	216	Resp:	277235
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.4	95.2
179	19.5	15.2	22.8
108	14.9	11.4	17.2

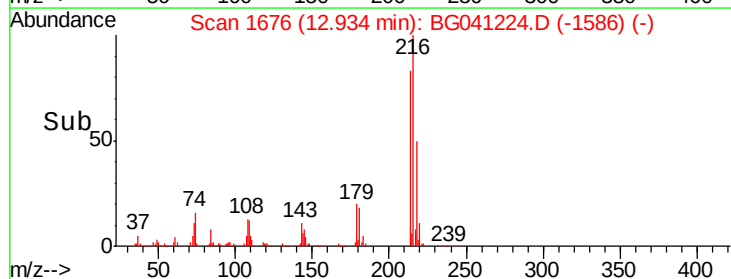
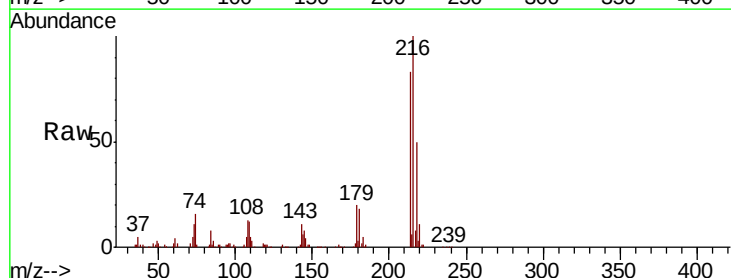
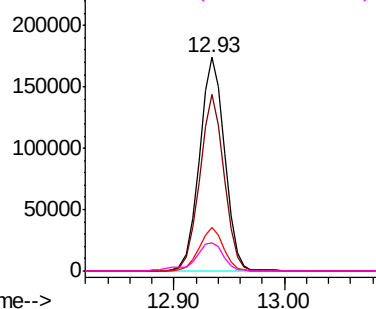
Abundance

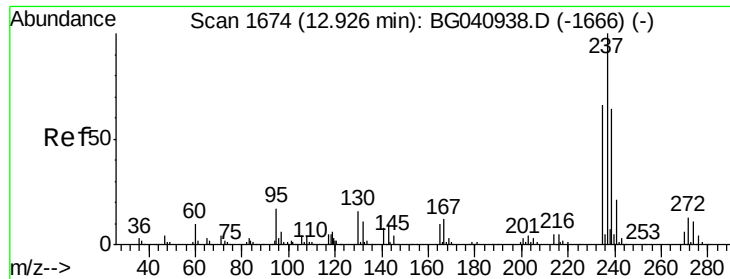
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





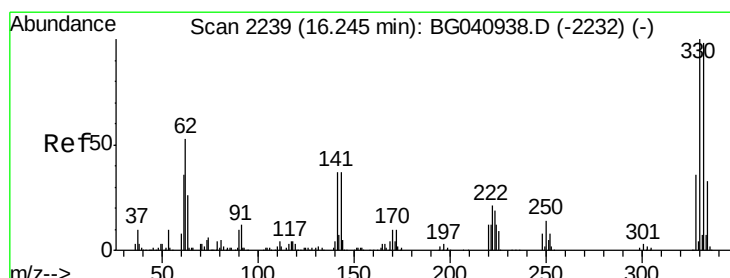
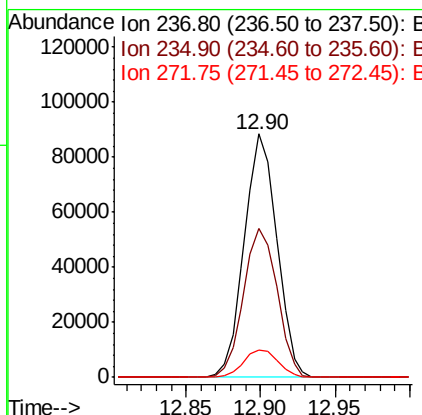
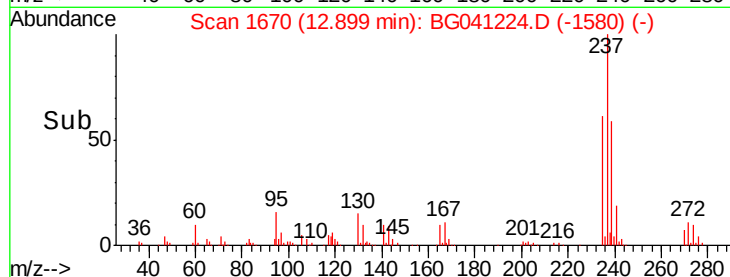
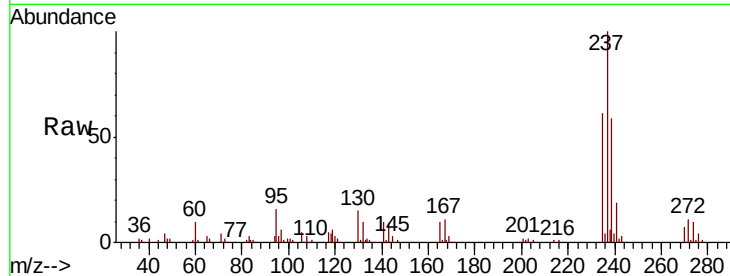
#41
Hexachlorocyclopentadiene
Concen: 42.441 ng
RT: 12.90 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.2	45.5	85.5	
272	11.1	0.0	32.9	

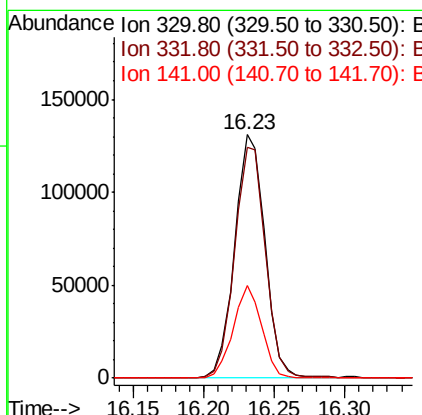
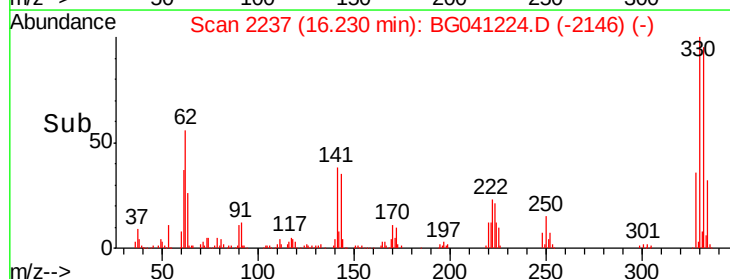
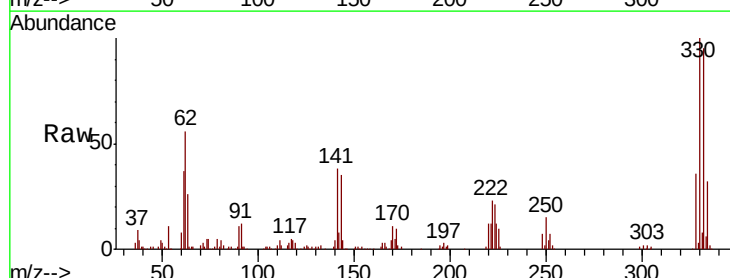
Manual Integrations
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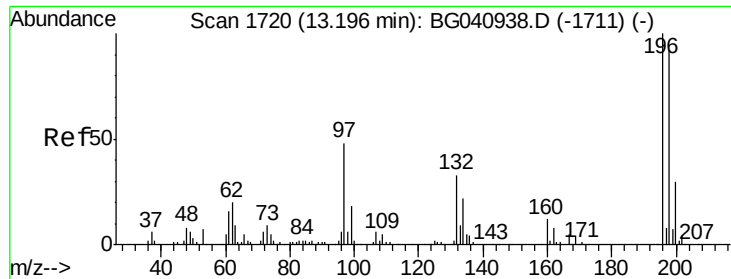
mohammad
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#42
2,4,6-Tribromophenol
Concen: 81.181 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	78.5	117.7	
141	36.0	28.7	43.1	





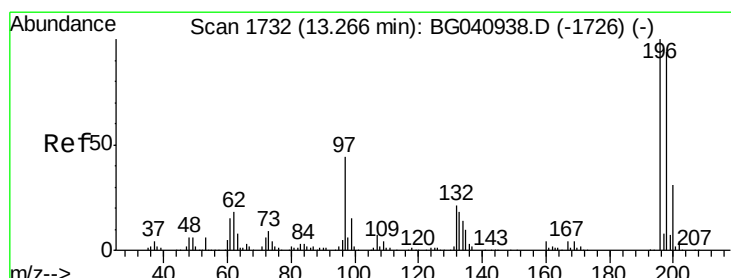
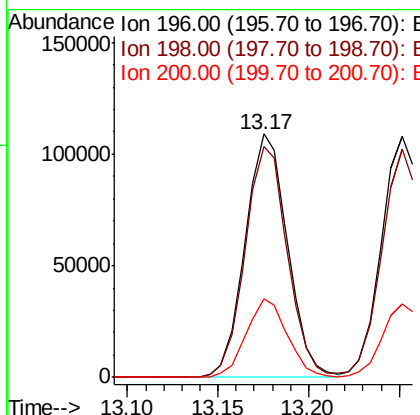
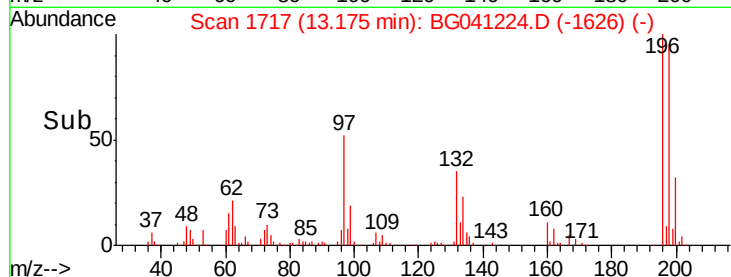
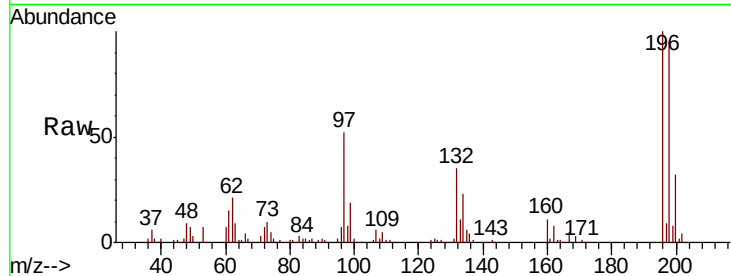
#43
 2,4,6-Trichlorophenol
 Concen: 41.936 ng
 RT: 13.17 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	177479		
198	94.6	73.8	110.6	
200	32.2	24.1	36.1	

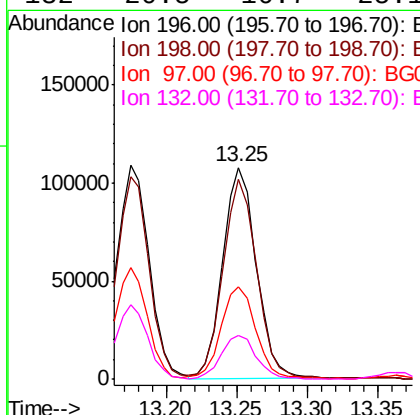
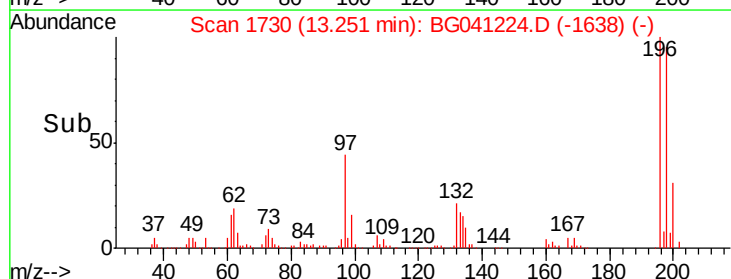
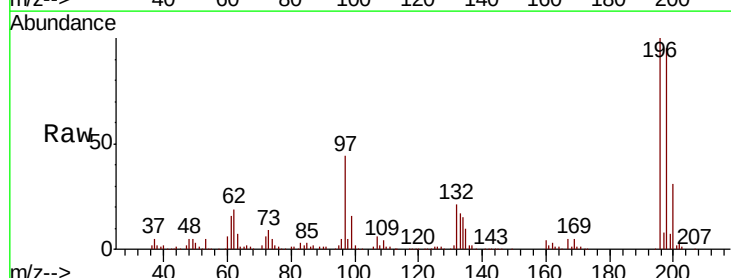
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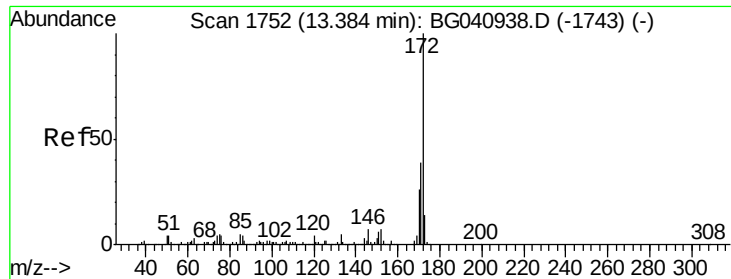
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#44
 2,4,5-Trichlorophenol
 Concen: 40.008 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178573		
198	94.6	75.1	112.7	
97	43.7	35.6	53.4	
132	20.5	16.7	25.1	





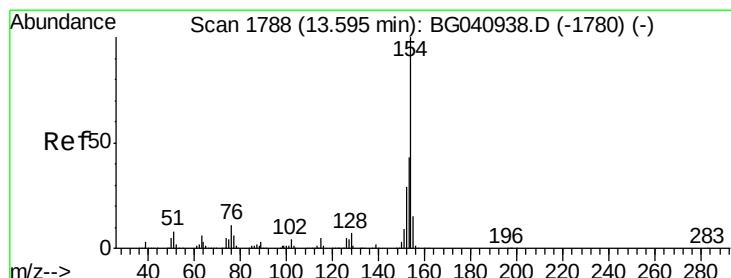
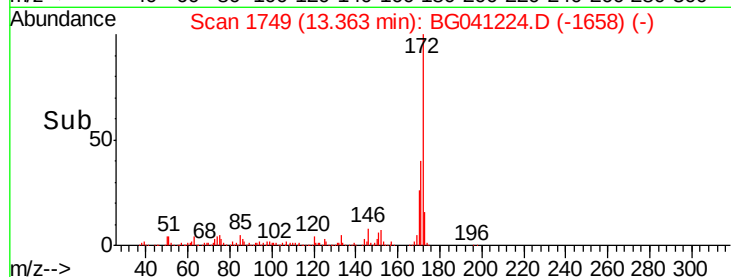
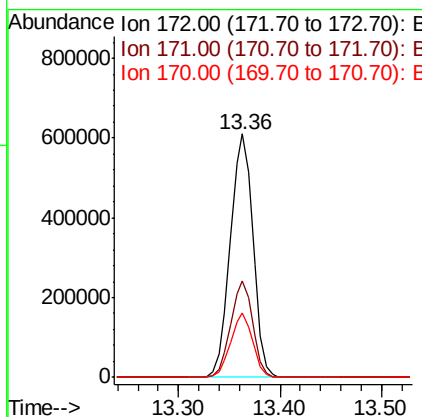
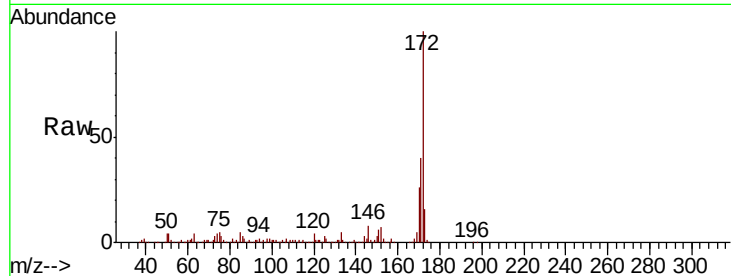
#45
2-Fluorobiphenyl
Concen: 84.104 ng
RT: 13.36 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.1	46.7
170	26.3	20.5	30.7

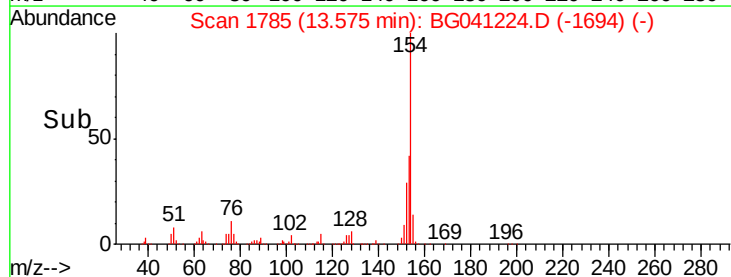
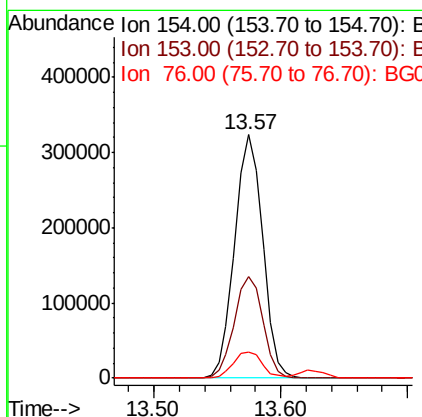
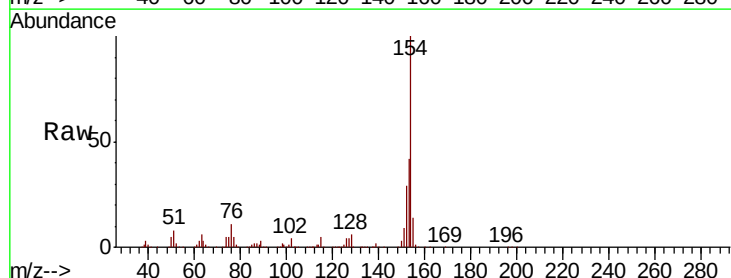
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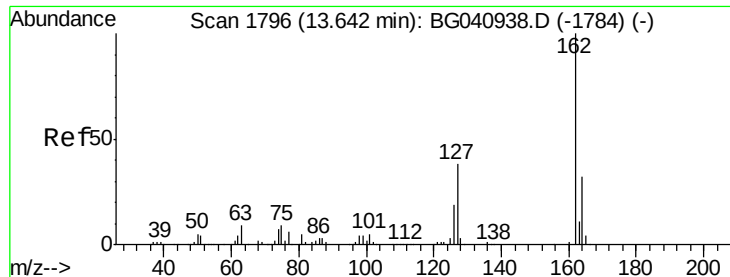
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#46
1,1'-Biphenyl
Concen: 41.270 ng
RT: 13.57 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.3	63.3
76	10.8	0.0	31.1





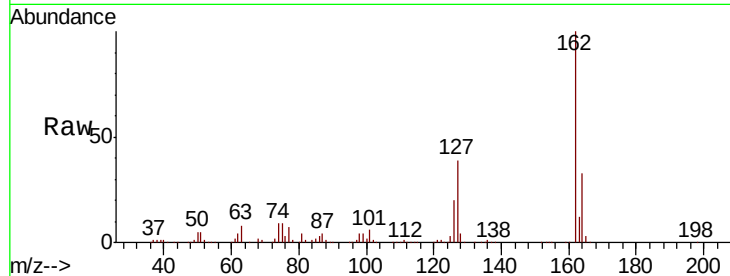
#47
 2-Chloronaphthalene
 Concen: 42.183 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

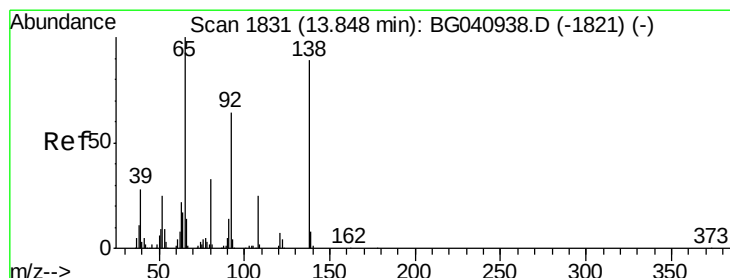
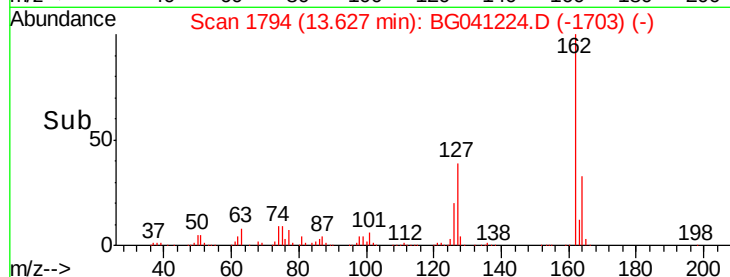
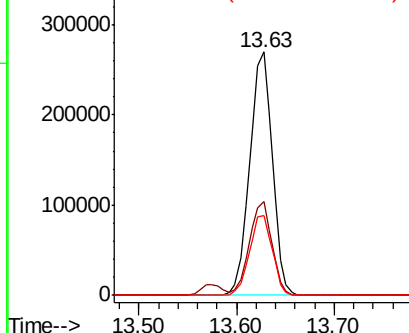
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		435098		
127	38.6		30.5	45.7	
164	33.0		25.8	38.6	

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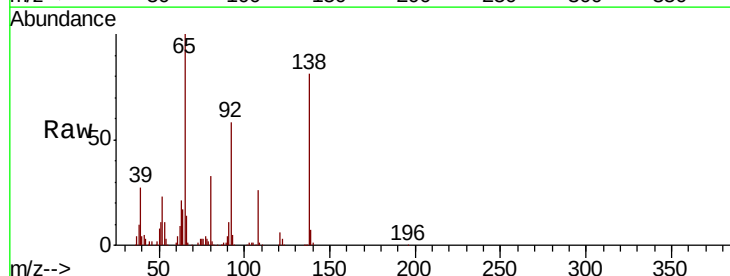


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

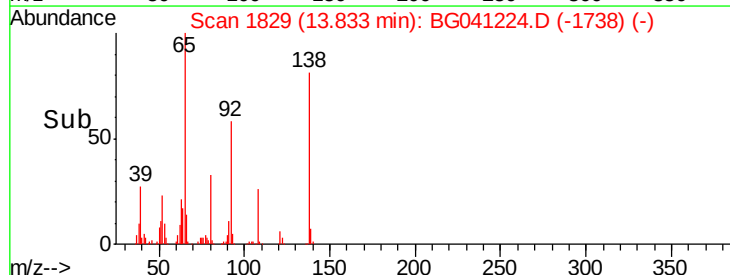
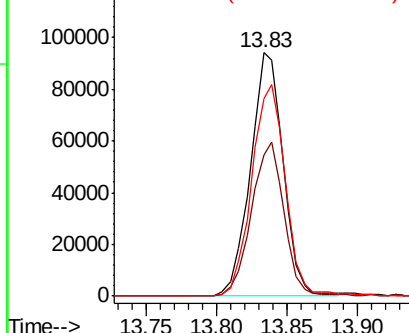


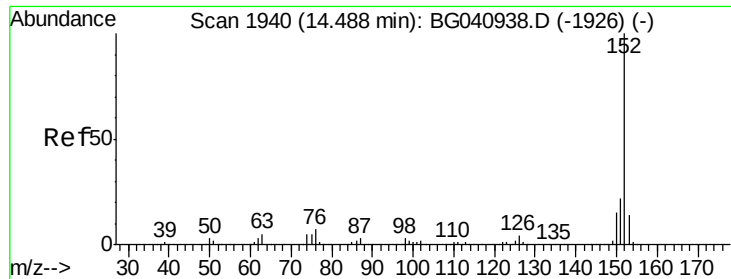
#48
 2-Nitroaniline
 Concen: 41.482 ng
 RT: 13.83 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		153497		
92	57.9		51.0	76.6	
138	81.3		71.2	106.8	



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.442 ng

RT: 14.47 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

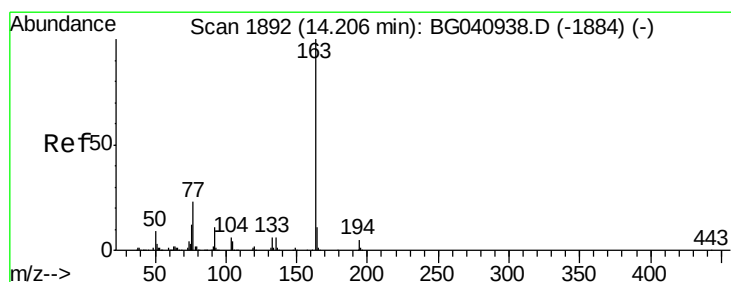
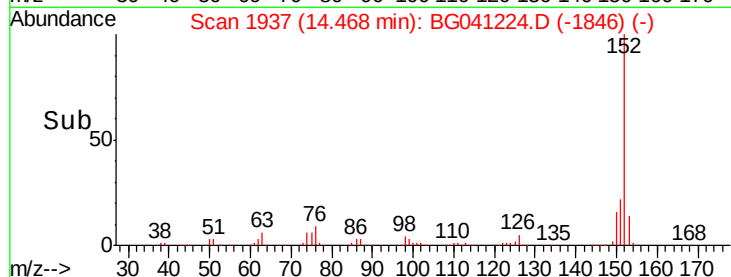
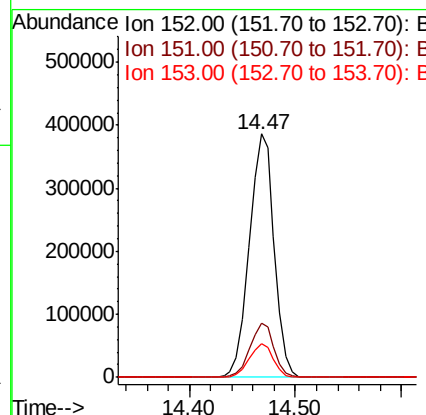
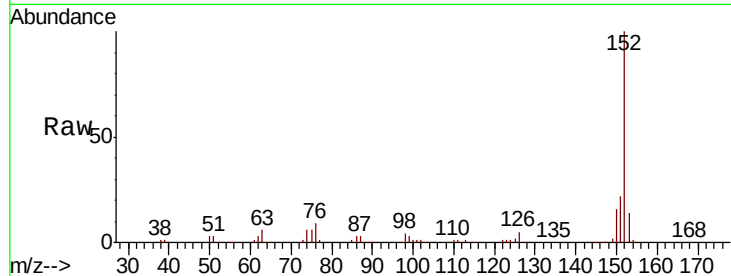
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	627819
Ion Ratio	Lower	Upper	
152	100		
151	22.4	17.4	26.0
153	13.8	11.0	16.4

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#50

Dimethylphthalate

Concen: 39.873 ng

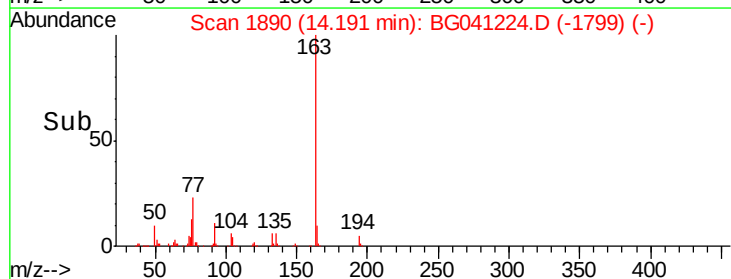
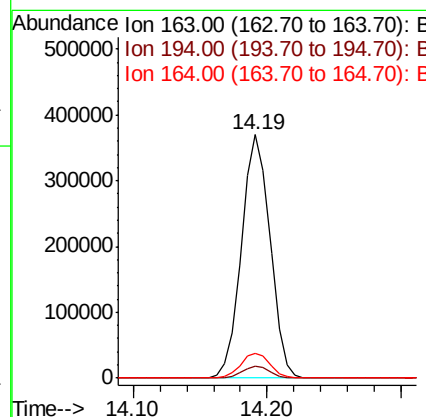
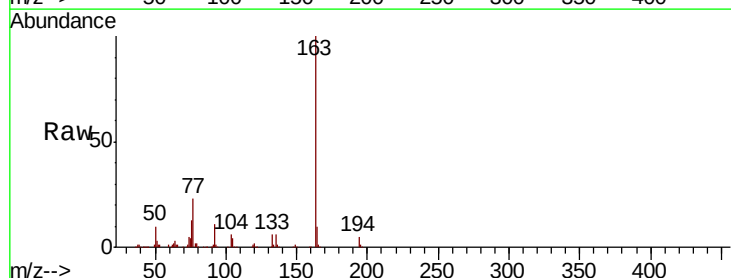
RT: 14.19 min Scan# 1890

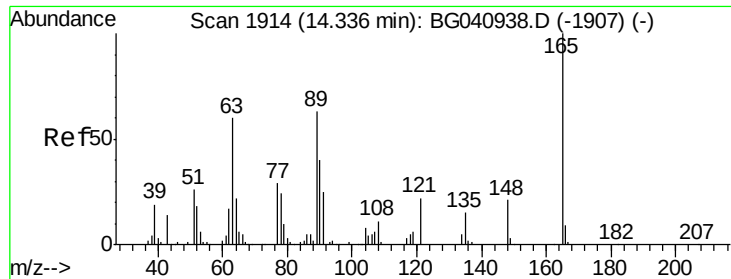
Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tgt Ion:	163	Resp:	547847
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.8	5.8
164	10.1	8.7	13.1





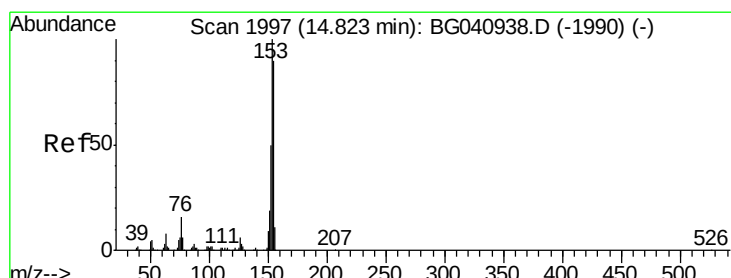
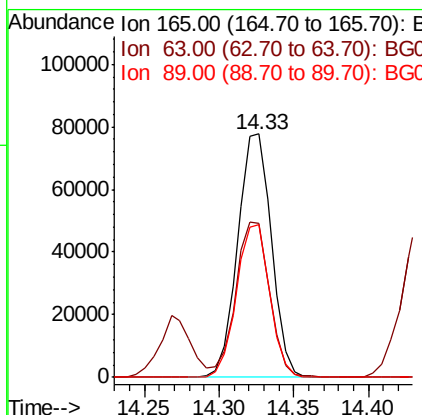
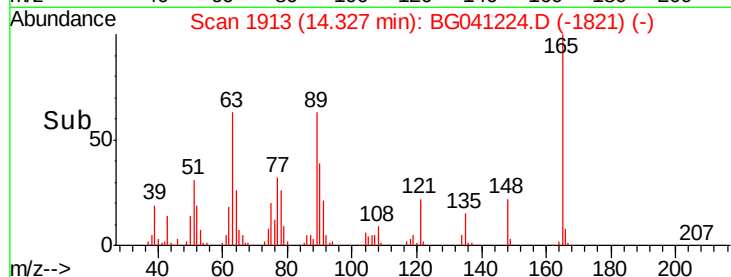
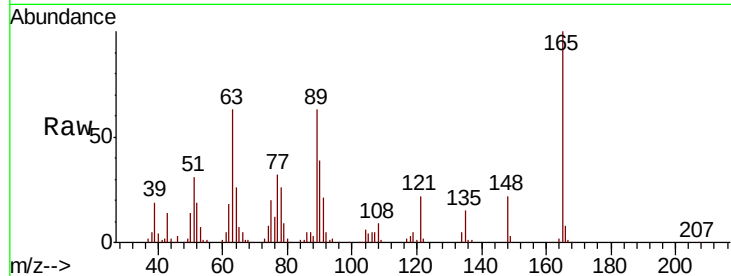
#51
 2,6-Dinitrotoluene
 Concen: 41.124 ng
 RT: 14.33 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	121829		
63	63.3	53.6	80.4	
89	62.6	50.4	75.6	

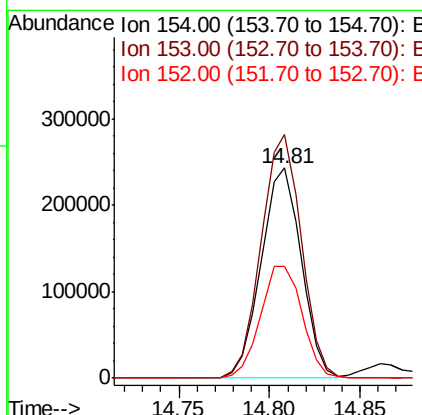
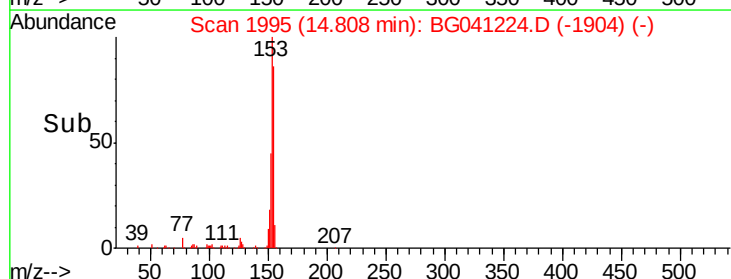
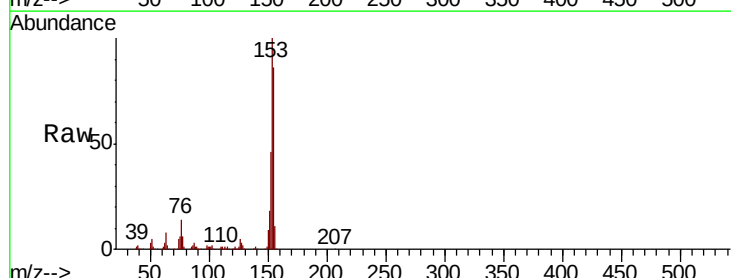
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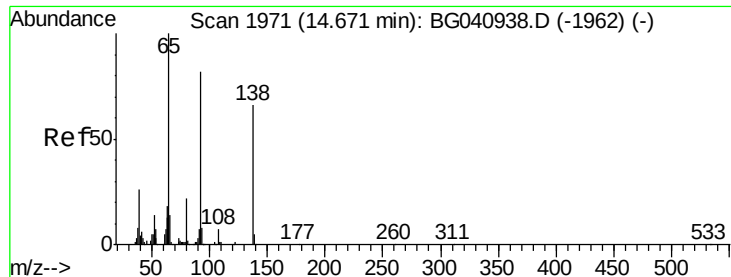
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#52
 Acenaphthene
 Concen: 39.763 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	373946		
153	116.0	88.6	133.0	
152	53.4	44.2	66.4	





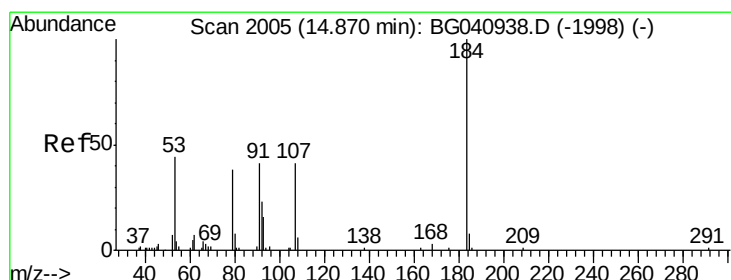
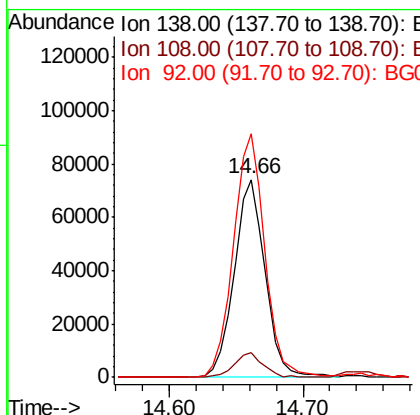
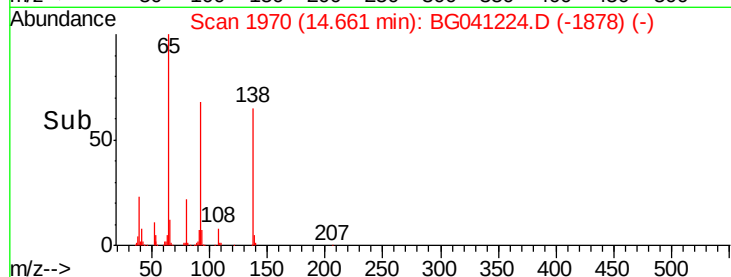
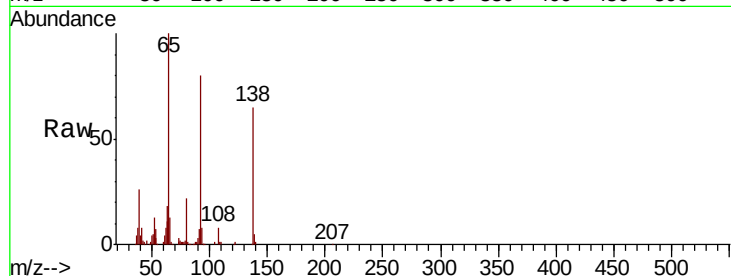
#53
3-Nitroaniline
Concen: 40.157 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.7	8.5	12.7
92	123.1	99.0	148.6

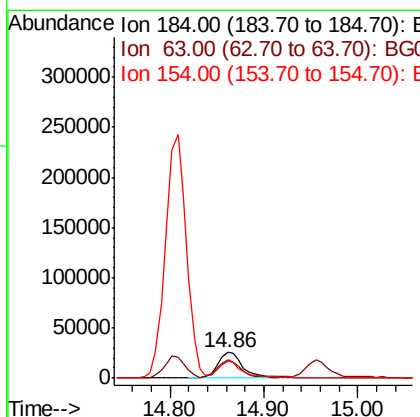
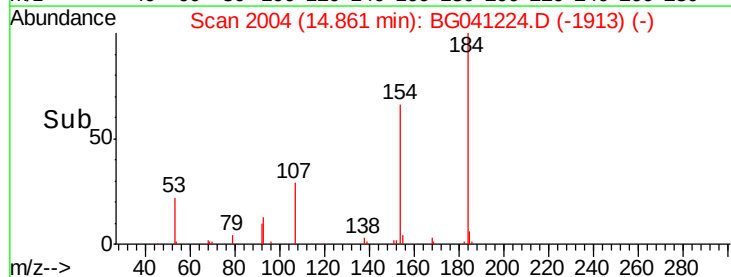
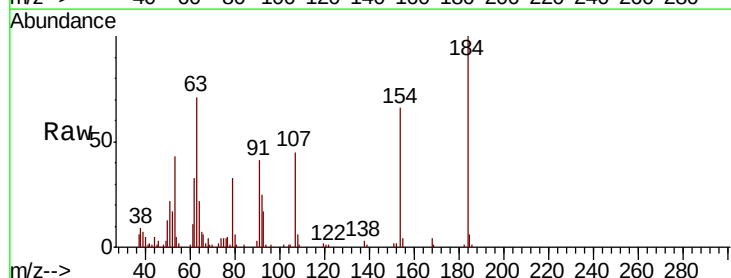
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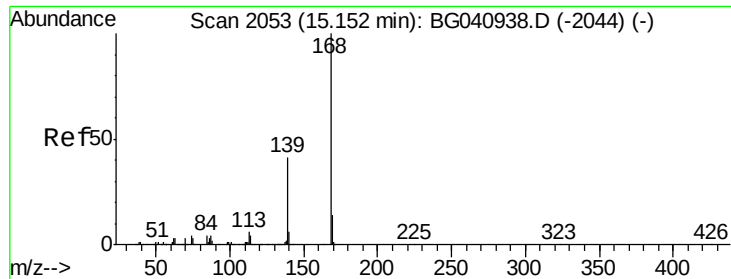
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#54
2,4-Dinitrophenol
Concen: 42.963 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.3	49.8	74.6
154	66.0	52.2	78.4





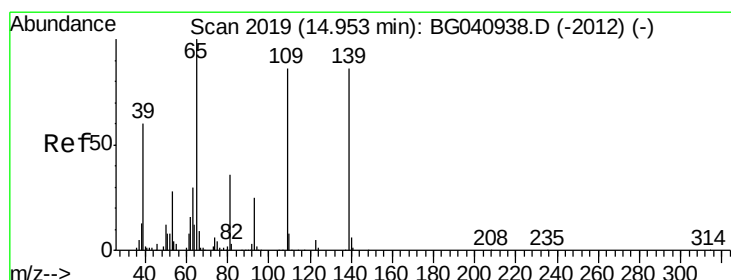
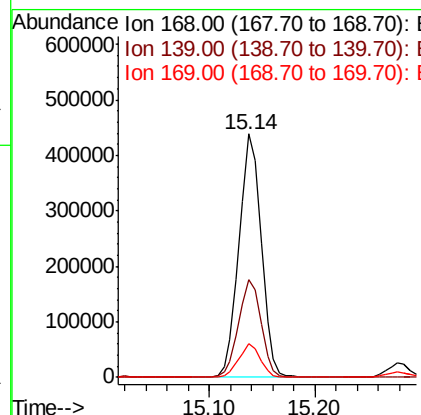
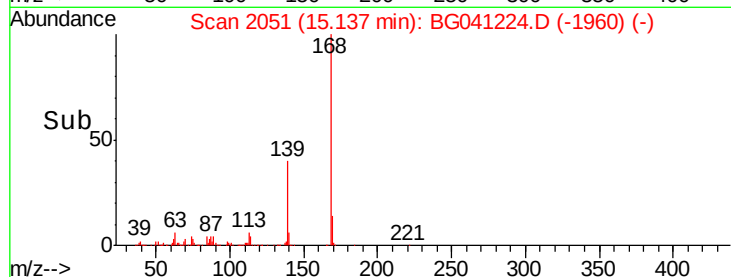
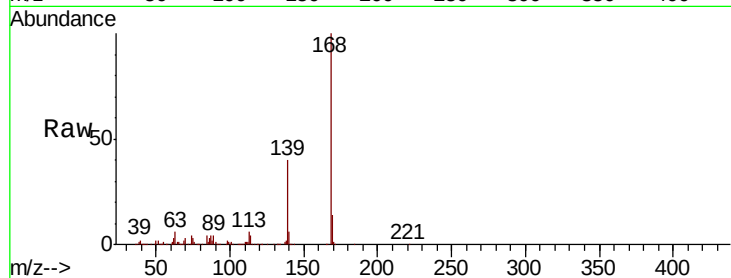
#55
Dibenzenofuran
Concen: 40.221 ng
RT: 15.14 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	168	Resp:	636468
Ion Ratio	Lower	Upper	
168	100		
139	40.2	32.8	49.2
169	13.8	11.3	16.9

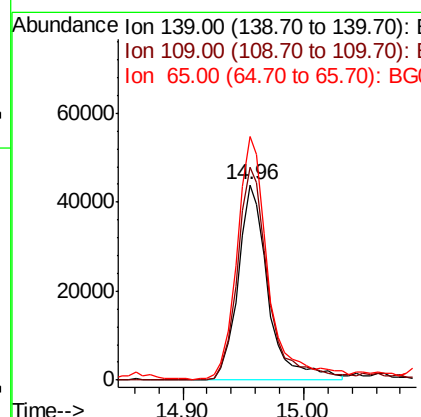
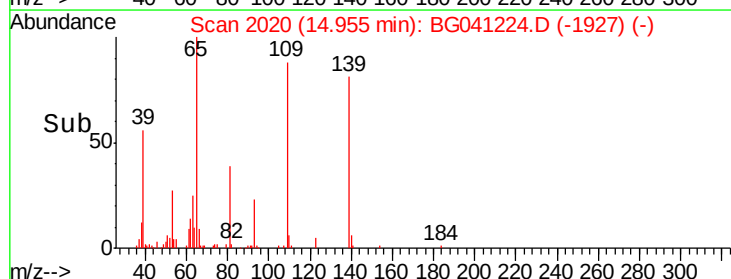
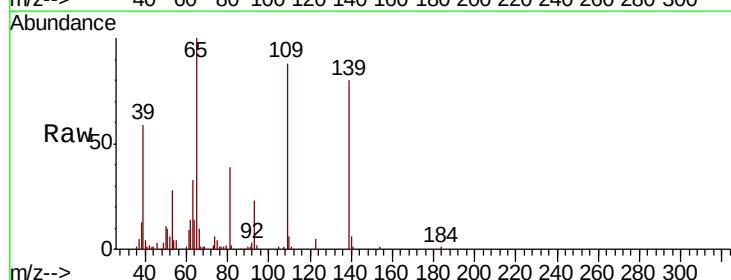
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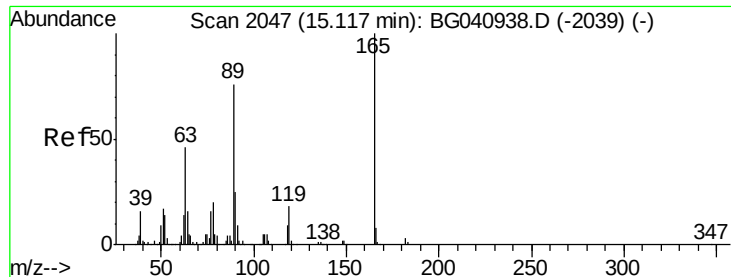
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#56
4-Nitrophenol
Concen: 37.667 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.02 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion:	139	Resp:	76536
Ion Ratio	Lower	Upper	
139	100		
109	109.3	79.6	119.6
65	124.8	96.9	136.9





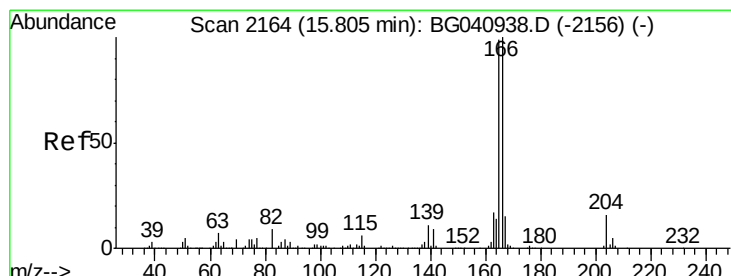
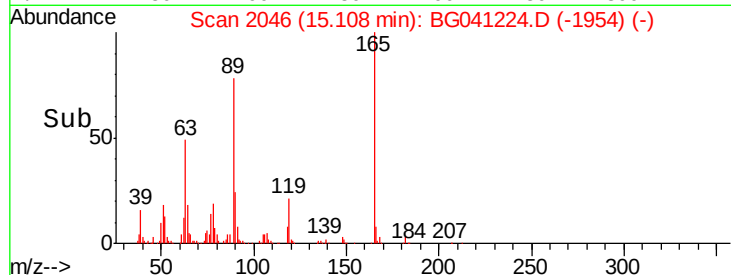
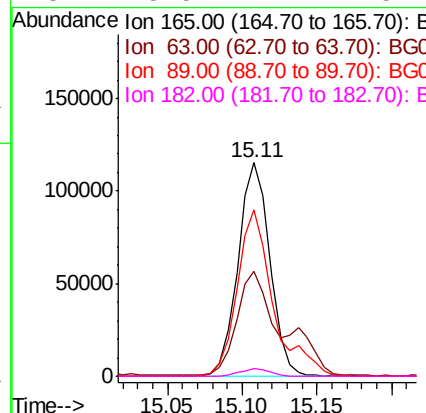
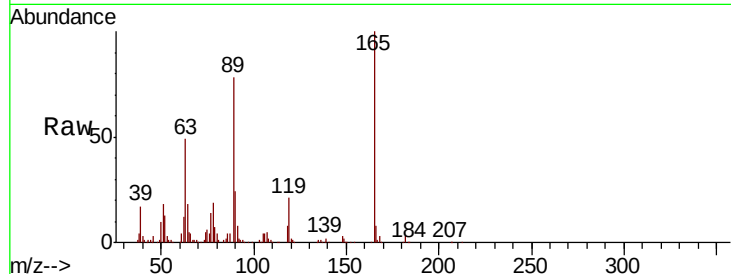
#57
 2,4-Dinitrotoluene
 Concen: 40.986 ng
 RT: 15.11 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	171515		
63	49.0		37.3	55.9
89	77.8		61.0	91.6
182	3.5		2.2	3.2#

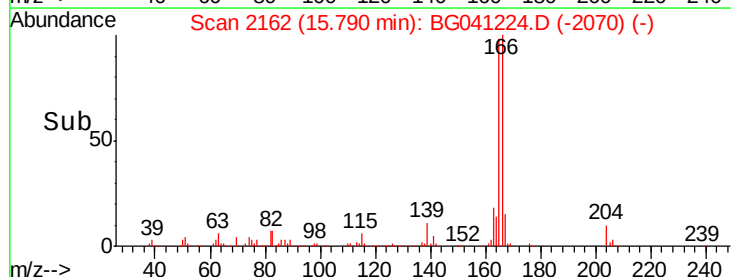
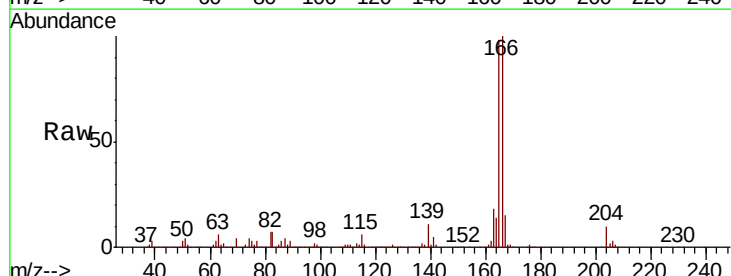
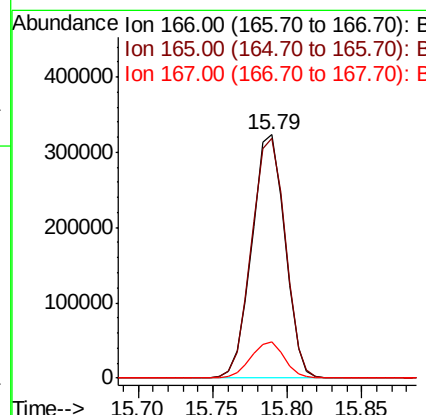
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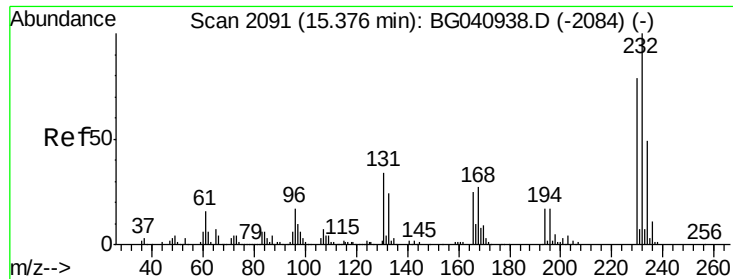
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#58
 Fluorene
 Concen: 39.295 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	495203		
165	98.4		79.2	118.8
167	14.8		11.8	17.6





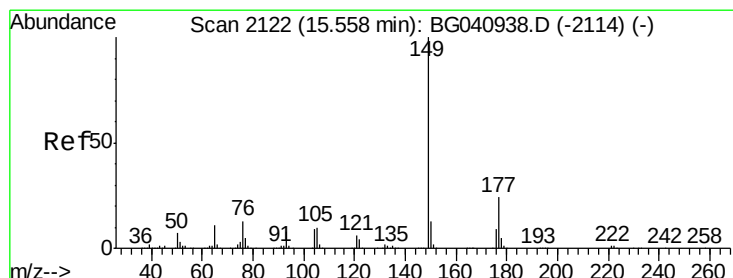
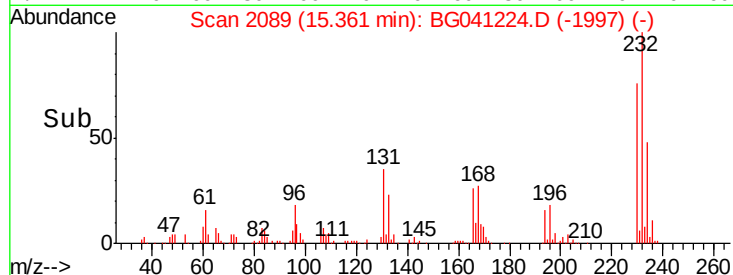
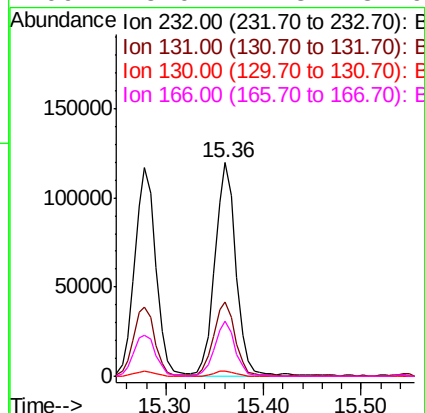
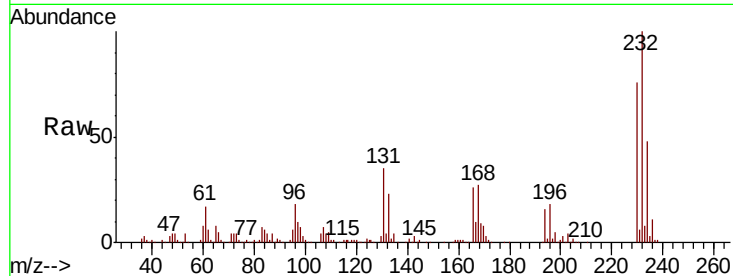
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.630 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		178219		
131	35.4	30.3	45.5		
130	2.4	1.8	2.8		
166	25.0	21.3	31.9		

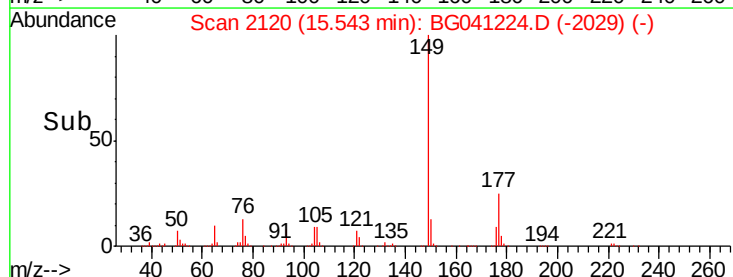
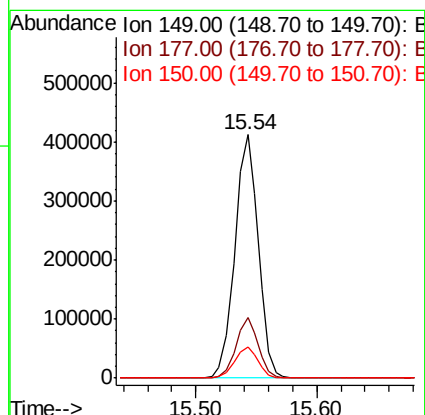
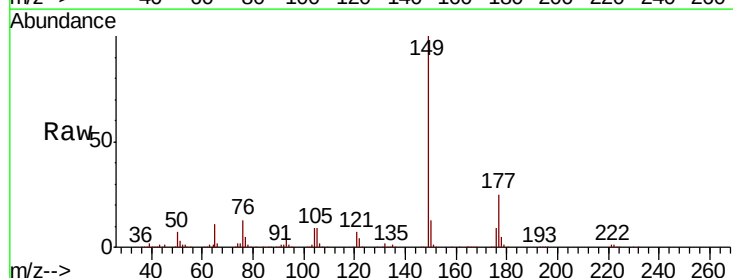
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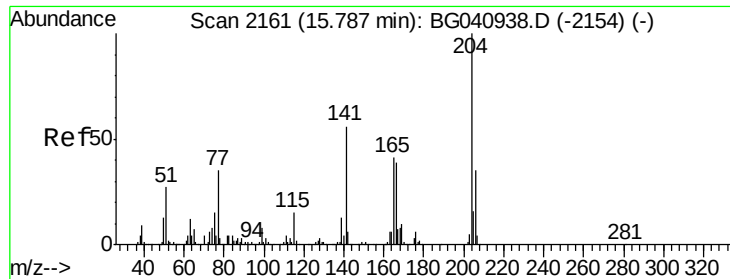
mohammad
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#60
 Diethylphthalate
 Concen: 39.502 ng
 RT: 15.54 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		553900		
177	24.9	19.4	29.0		
150	12.6	10.3	15.5		





#61

4-Chlorophenyl-phenylether

Concen: 40.307 ng

RT: 15.77 min Scan# 2159

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

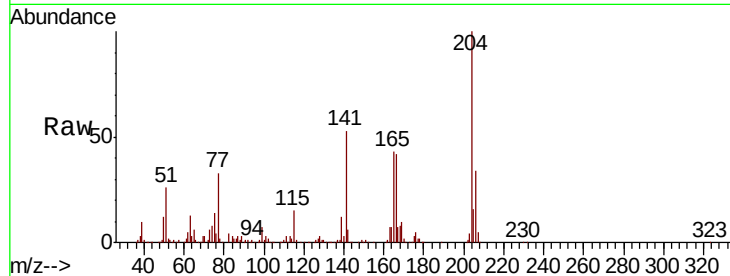
ClientSampleId :

SSTDCCC040

Tot Ion:	204	Resp:	330162
Ion Ratio	Lower	Upper	
204	100		
206	33.6	27.6	41.4
141	53.2	45.1	67.7

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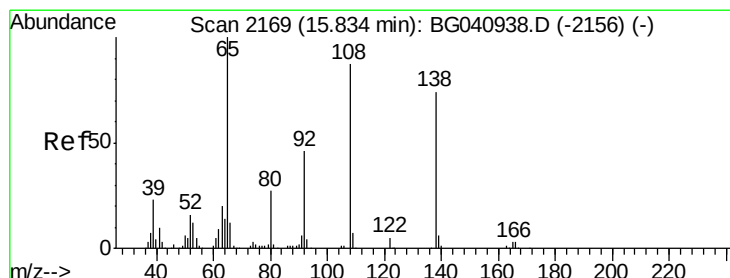
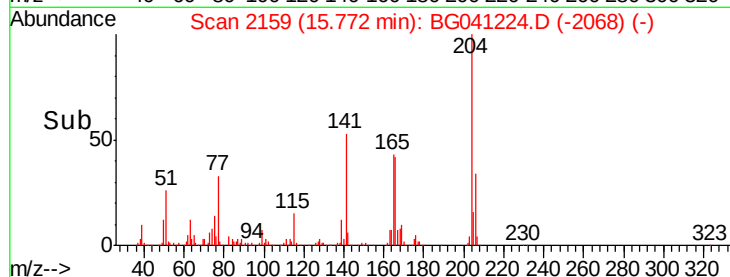
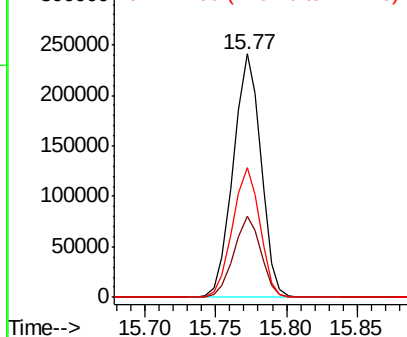


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 41.361 ng

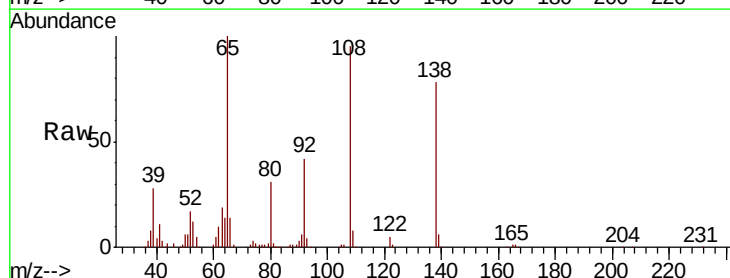
RT: 15.82 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tgt Ion:	138	Resp:	129714
Ion Ratio	Lower	Upper	
138	100		
92	54.4	42.4	82.4
108	122.0	96.9	136.9

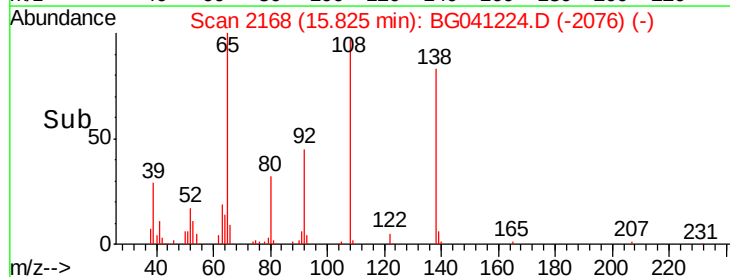
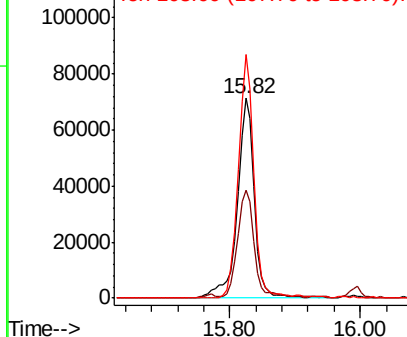


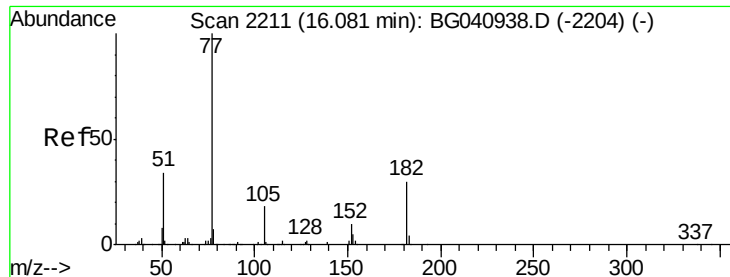
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





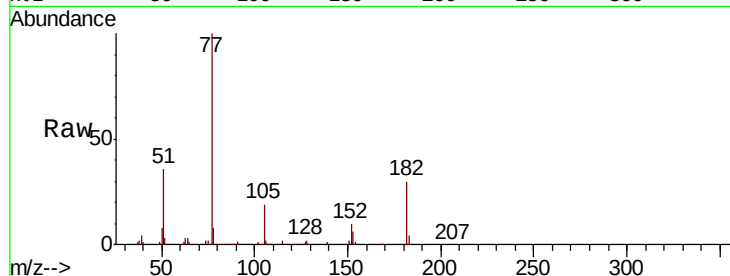
#63
Azobenzene
Concen: 38.333 ng
RT: 16.07 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	9.6	49.6
105	18.8	0.0	37.5
51	35.8	13.7	53.7

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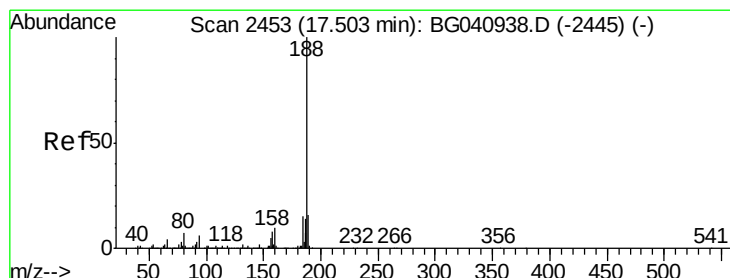
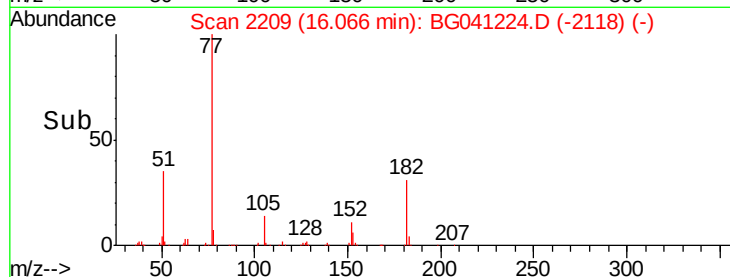
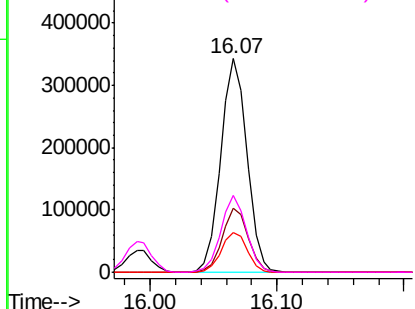
Abundance

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: 17.49 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

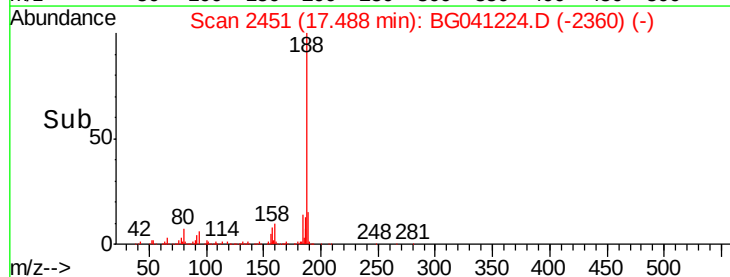
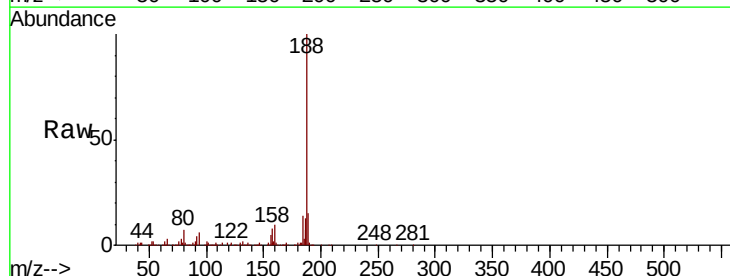
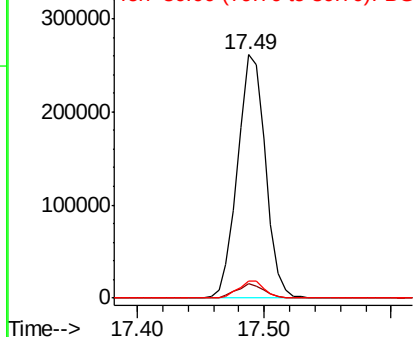
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.7	7.1
80	6.8	5.8	8.8

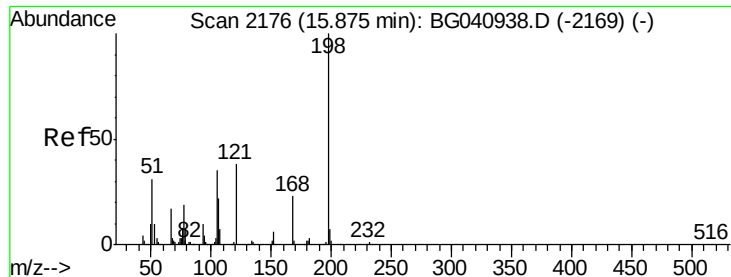
Abundance

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: 44.111 ng

RT: 15.87 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 92070

Ion Ratio Lower Upper

198 100

51 48.3 21.6 61.6

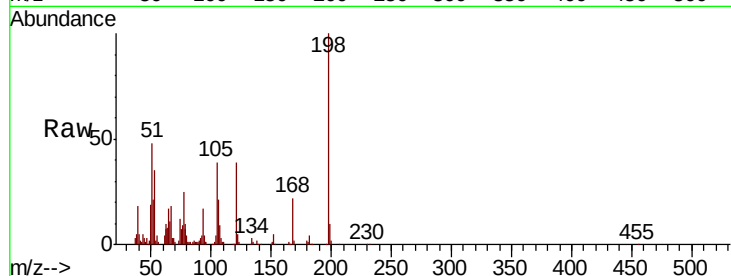
105 39.2 17.5 57.5

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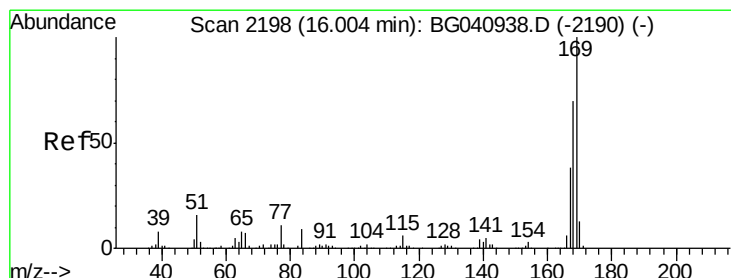
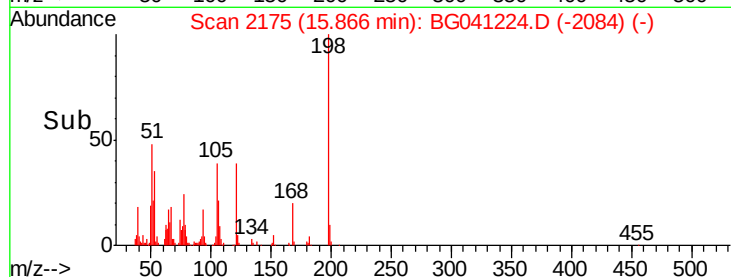
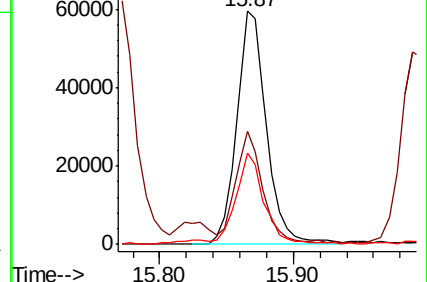
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.602 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

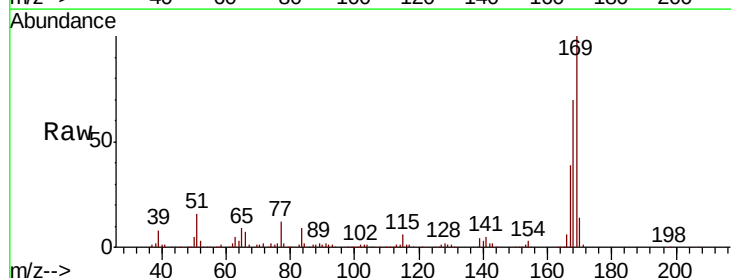
Tgt Ion:169 Resp: 442126

Ion Ratio Lower Upper

169 100

168 70.4 55.7 83.5

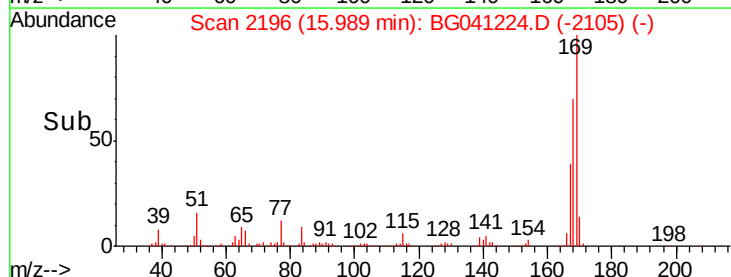
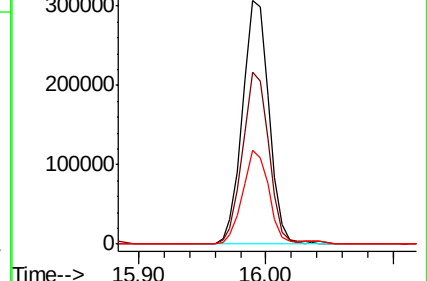
167 38.7 30.2 45.2

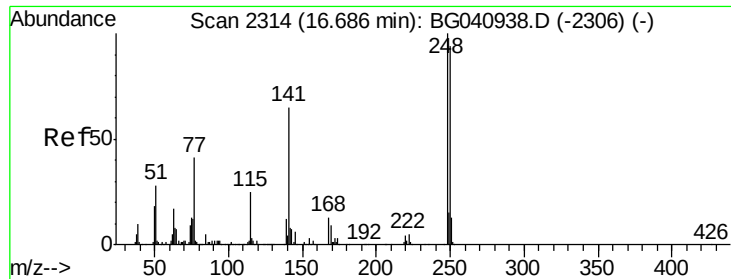


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





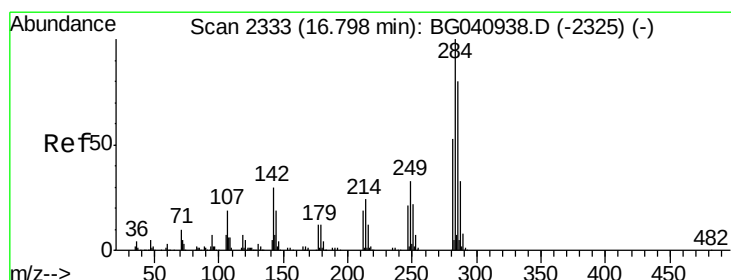
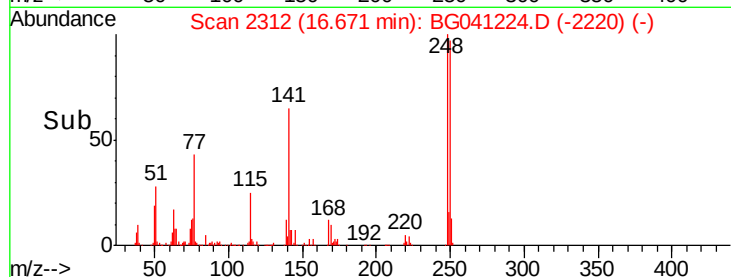
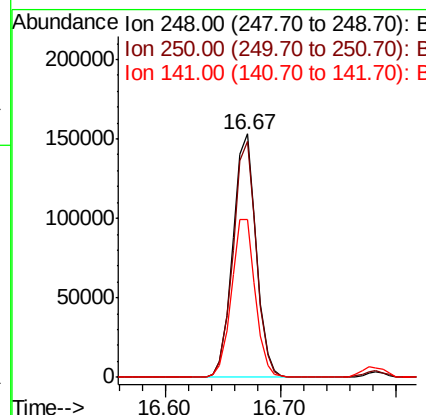
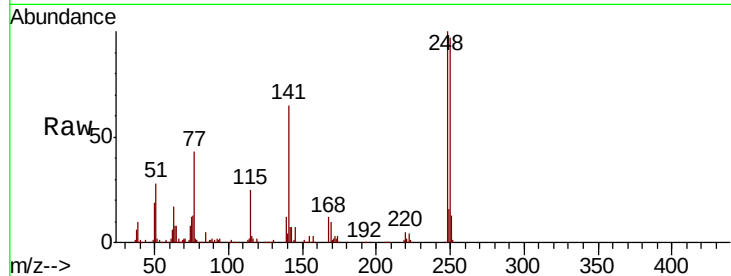
#67
4-Bromophenyl-phenylether
Concen: 39.664 ng
RT: 16.67 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.0	112.4
141	64.8	52.4	78.6

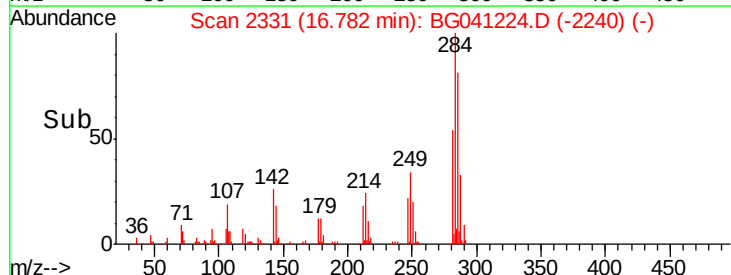
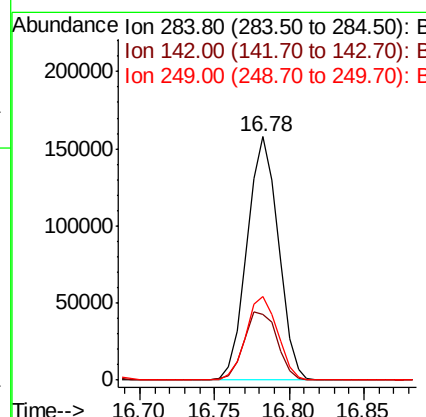
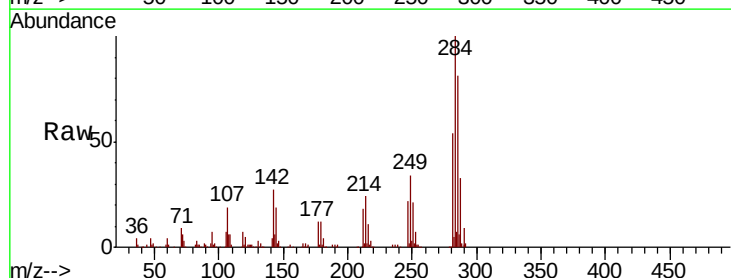
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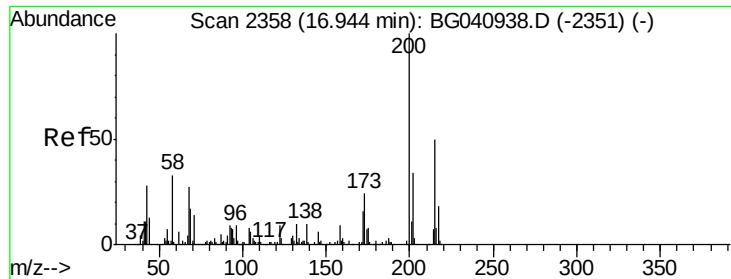
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#68
Hexachlorobenzene
Concen: 40.142 ng
RT: 16.78 min Scan# 2331
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	23.9	35.9
249	34.2	26.8	40.2





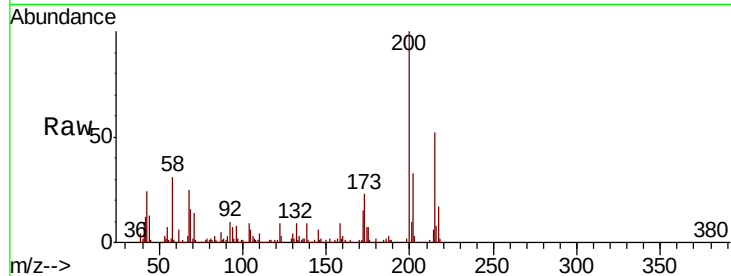
#69
Atrazine
Concen: 39.158 ng
RT: 16.94 min Scan# 2357
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	3.6	43.6
215	51.9	29.6	69.6

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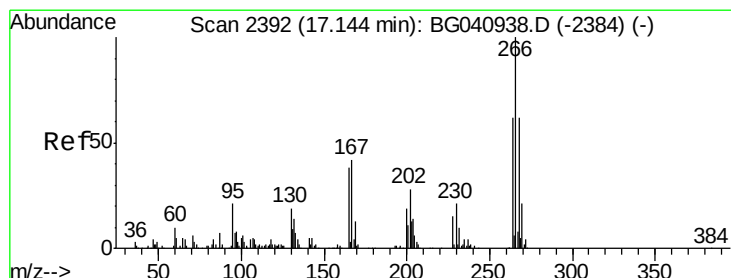
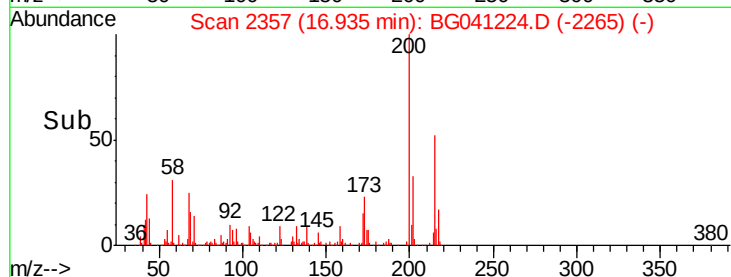
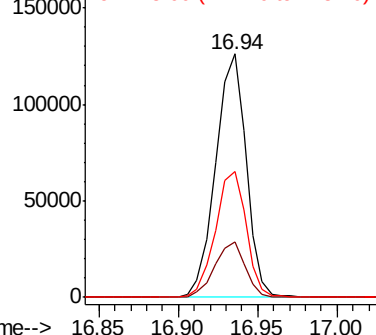


Abundance

Ion 200.00 (199.70 to 200.70): E

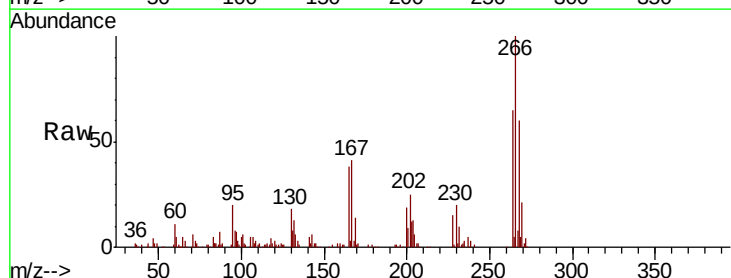
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 38.951 ng
RT: 17.14 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.0	53.1	79.7
264	65.0	49.9	74.9

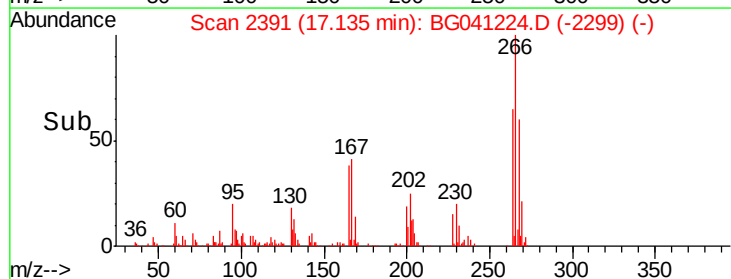
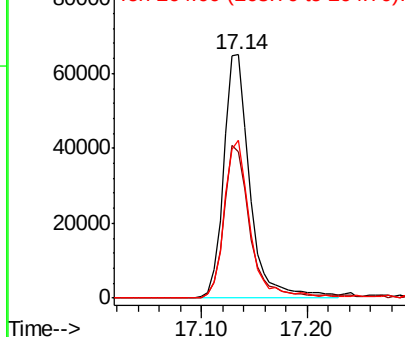


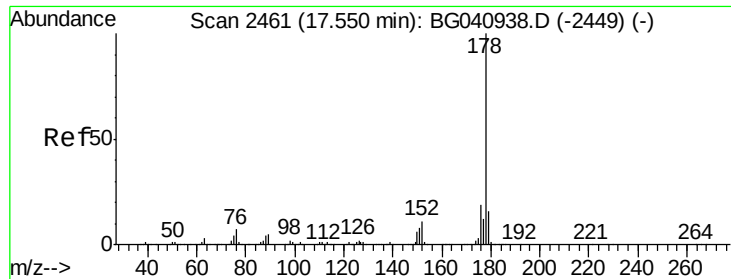
Abundance

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





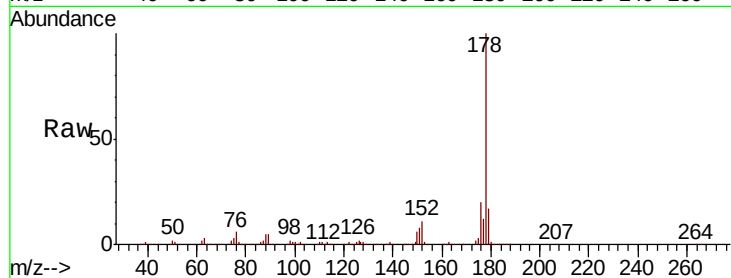
#71
Phenanthrene
Concen: 40.649 ng
RT: 17.53 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	16.6	12.7	19.1

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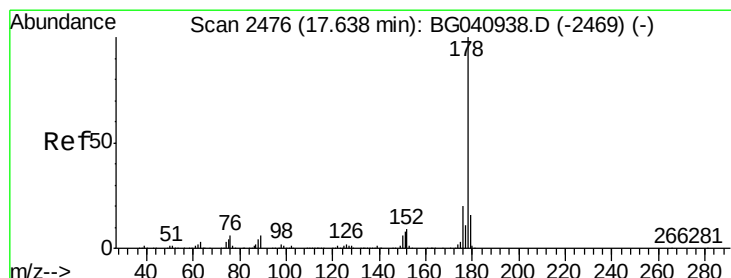
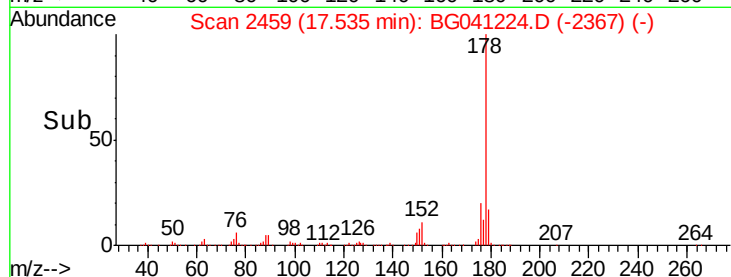
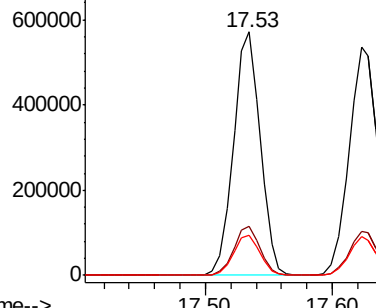


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 41.141 ng
RT: 17.62 min Scan# 2474
Delta R.T. 0.01 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

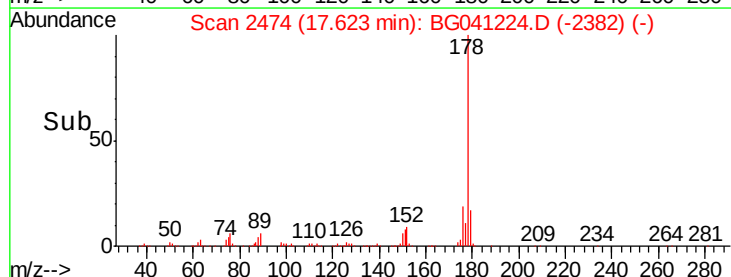
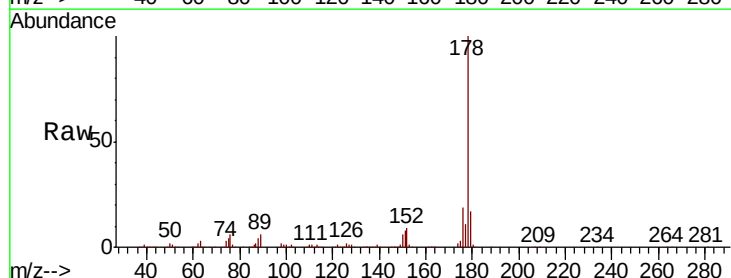
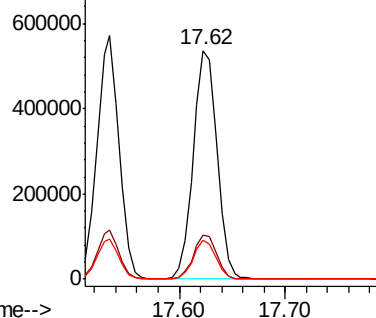
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	17.1	13.0	19.4

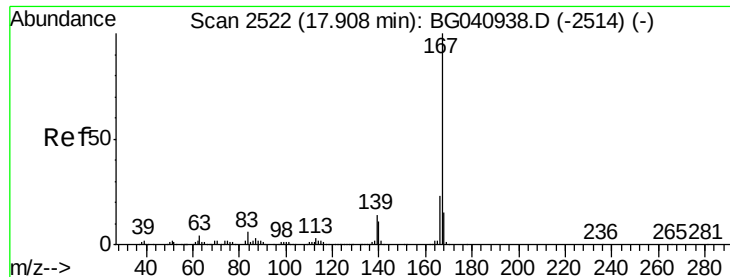
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.570 ng

RT: 17.90 min Scan# 2521

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

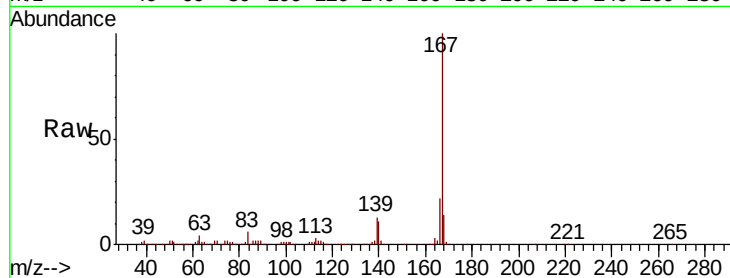
ClientSampleId :

SSTDCCC040

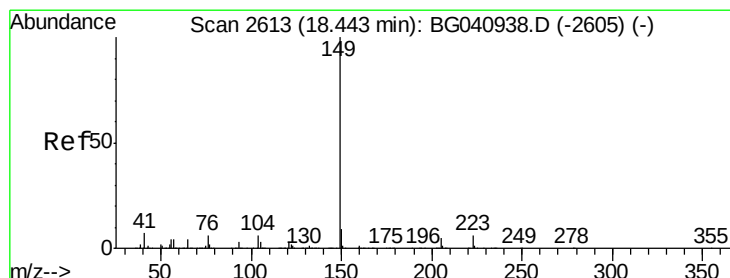
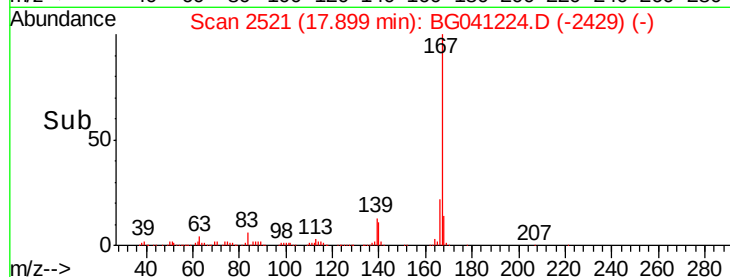
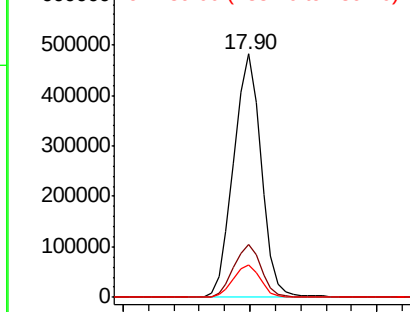
Tot Ion:	167	Resp:	727736
Ion Ratio	Lower	Upper	
167	100		
166	21.9	18.2	27.4
139	13.4	10.8	16.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.017 ng

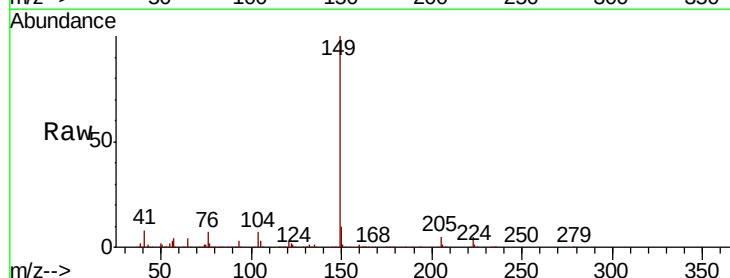
RT: 18.43 min Scan# 2611

Delta R.T. 0.01 min

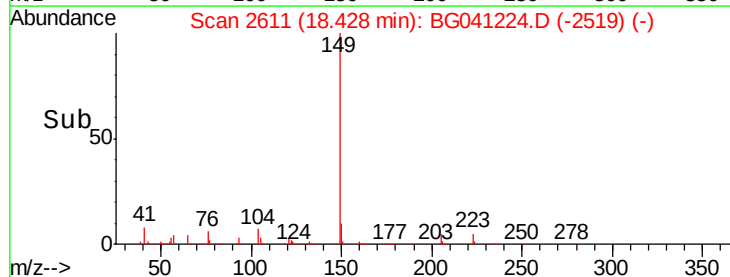
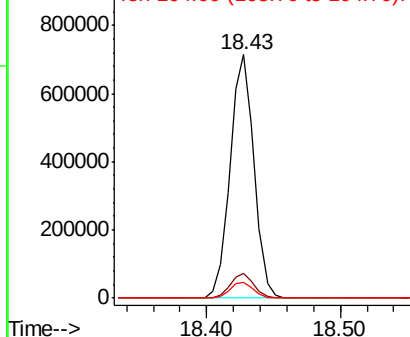
Lab File: BG041224.D

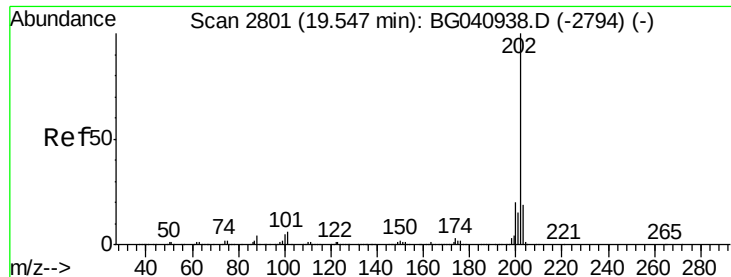
Acq: 13 Jun 2019 10:13

Tgt Ion:	149	Resp:	892448
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.4	11.2
104	6.7	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.536 ng

RT: 19.54 min Scan# 2800

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

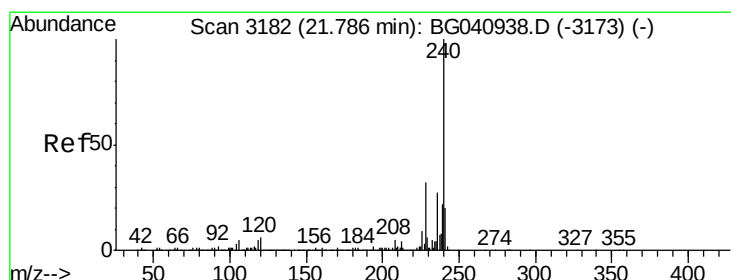
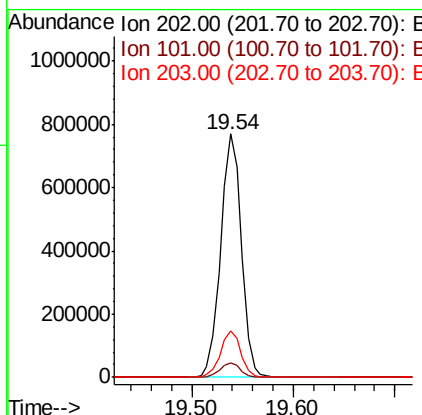
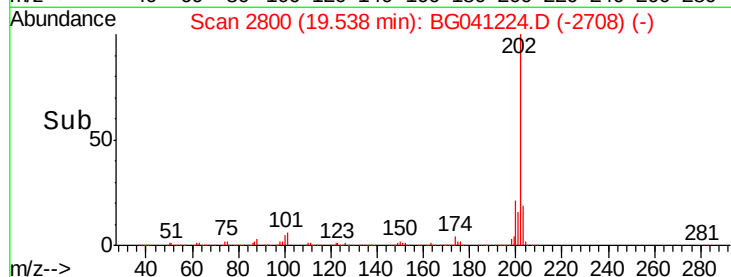
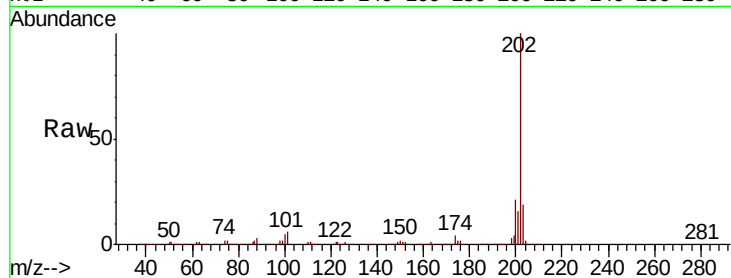
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1086852
Ion Ratio	Lower	Upper	
202	100		
101	6.1	0.0	26.2
203	19.0	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

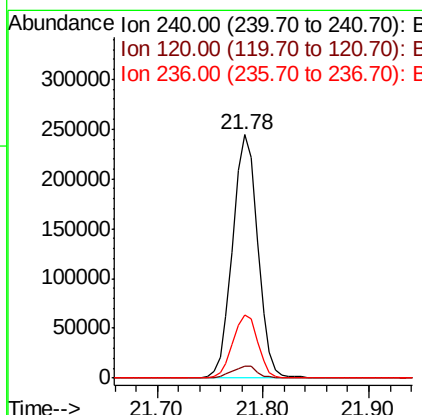
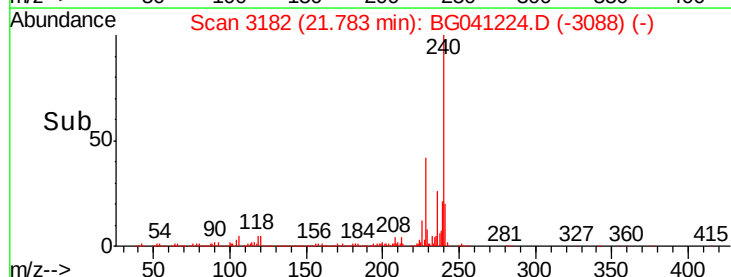
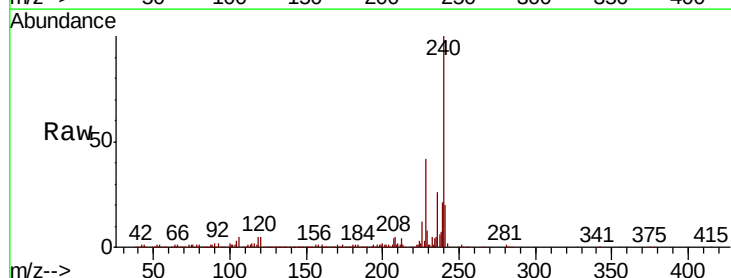
RT: 21.78 min Scan# 3182

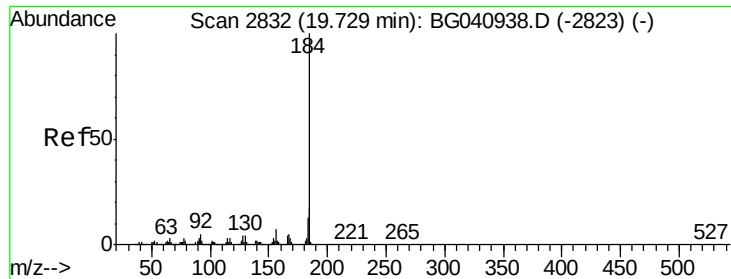
Delta R.T. 0.02 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tgt Ion:	240	Resp:	401330
Ion Ratio	Lower	Upper	
240	100		
120	5.1	4.5	6.7
236	25.9	21.3	31.9





#77

Benzidine

Concen: 32.253 ng

RT: 19.72 min Scan# 2831

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

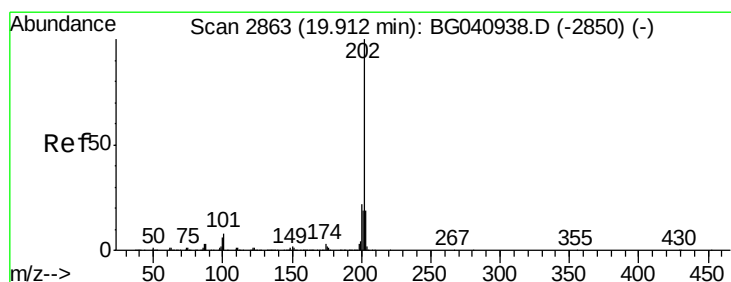
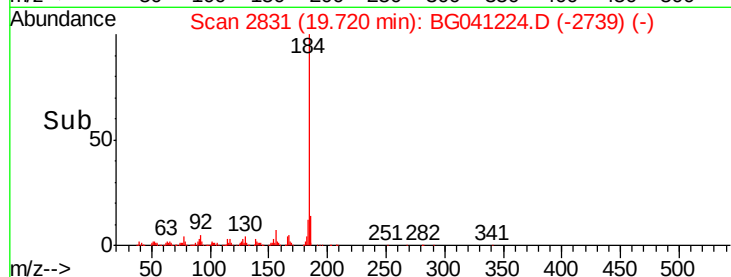
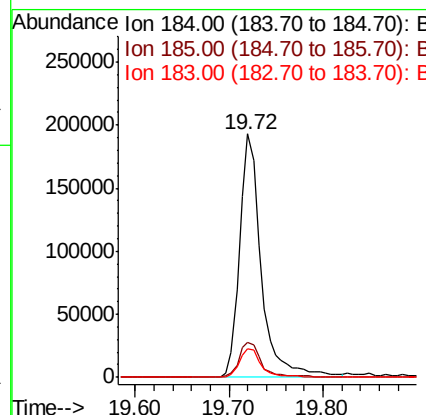
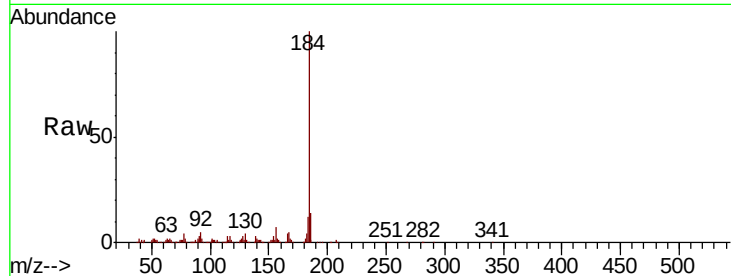
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	308789
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.3	19.9
183	12.0	10.7	16.1

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#78

Pyrene

Concen: 41.300 ng

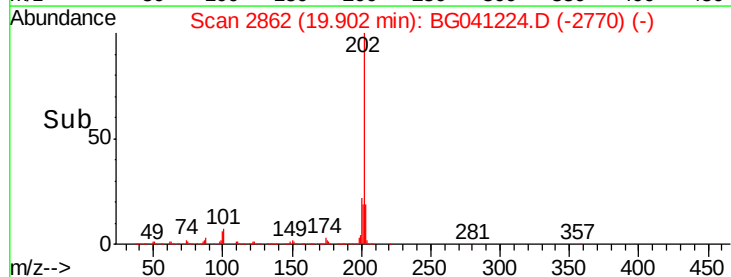
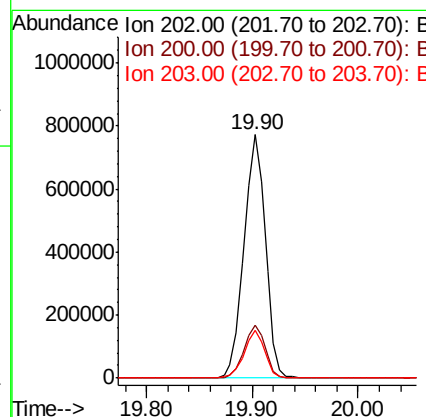
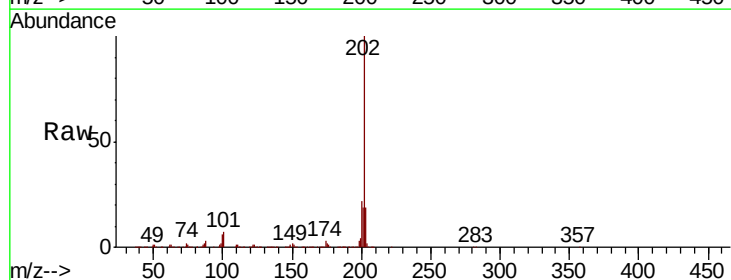
RT: 19.90 min Scan# 2862

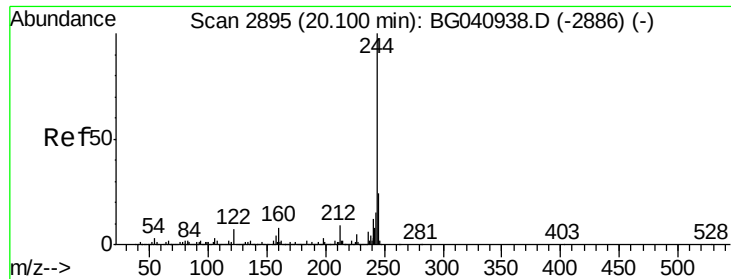
Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tgt Ion:	202	Resp:	1077468
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.5	26.3
203	19.4	15.6	23.4





#79

Terphenyl-d14

Concen: 83.955 ng

RT: 20.09 min Scan# 2894

Delta R.T. 0.02 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1587575

Ion Ratio Lower Upper

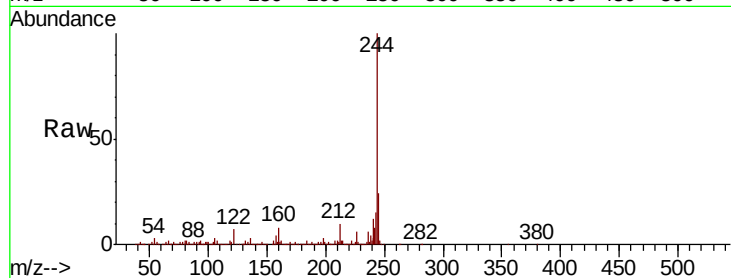
244 100

212 9.7 7.0 10.4

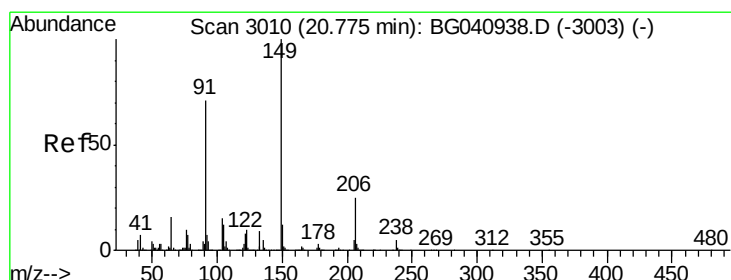
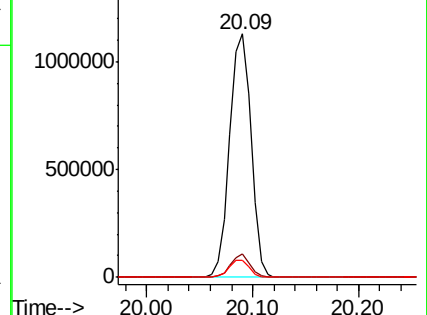
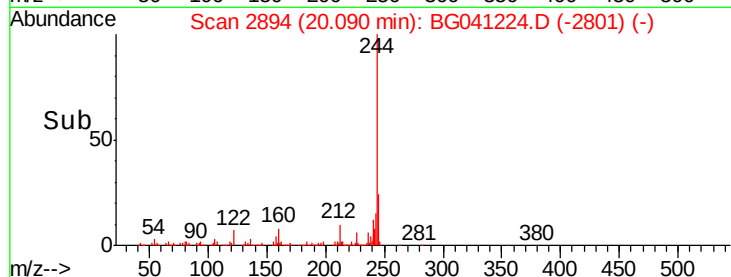
122 7.2 5.4 8.0

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.782 ng

RT: 20.77 min Scan# 3009

Delta R.T. 0.01 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

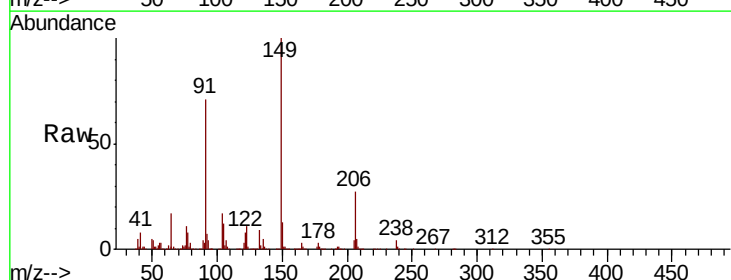
Tgt Ion:149 Resp: 424206

Ion Ratio Lower Upper

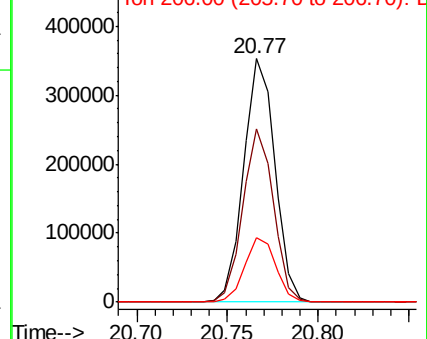
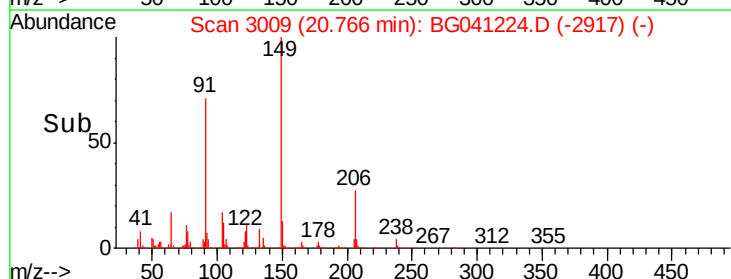
149 100

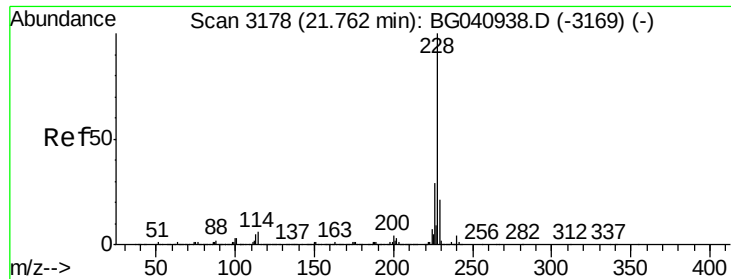
91 71.4 56.5 84.7

206 26.6 20.3 30.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.725 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.02 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1087969

Ion Ratio Lower Upper

228 100

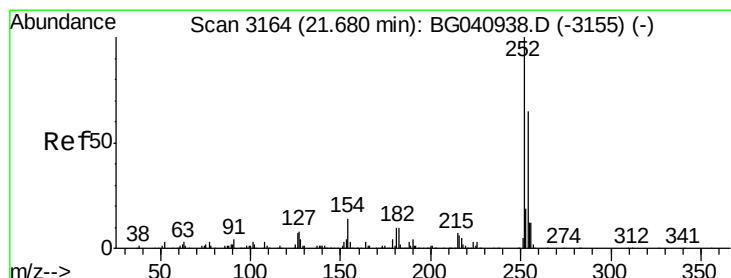
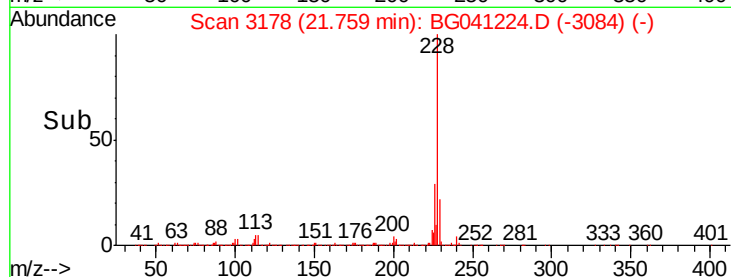
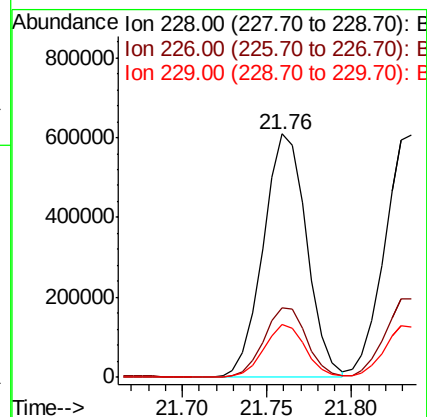
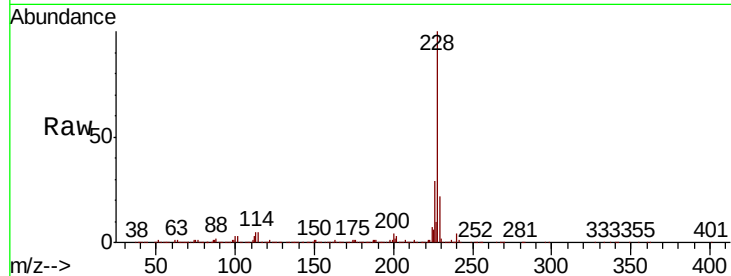
226 28.5 23.5 35.3

229 21.8 16.7 25.1

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#82

3,3'-Dichlorobenzidine

Concen: 41.830 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.02 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

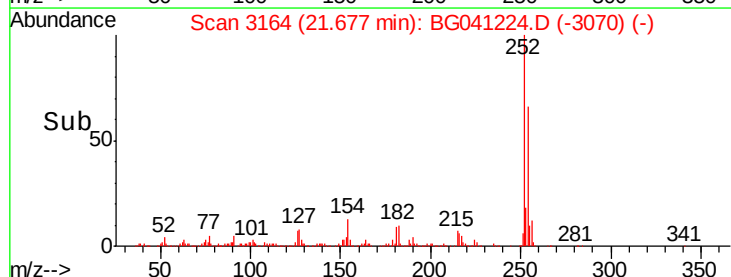
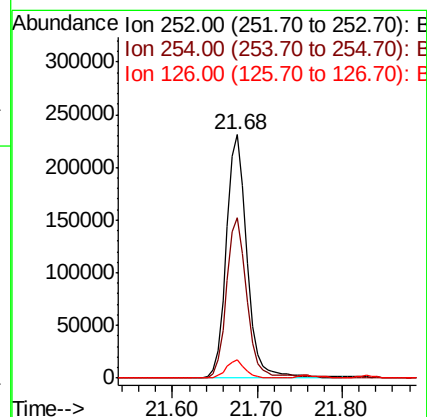
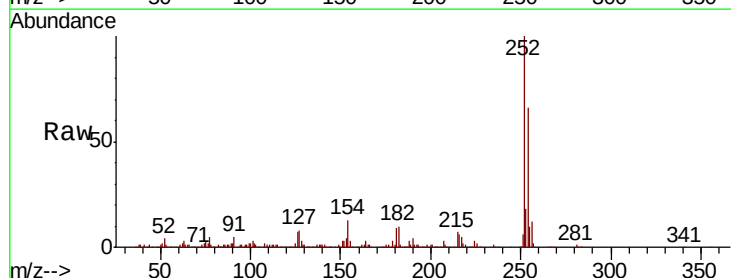
Tgt Ion:252 Resp: 393046

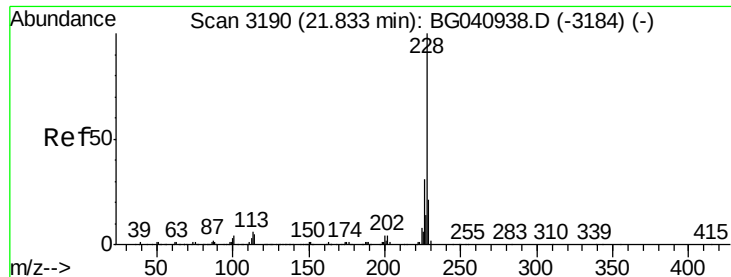
Ion Ratio Lower Upper

252 100

254 66.0 52.1 78.1

126 7.3 5.5 8.3





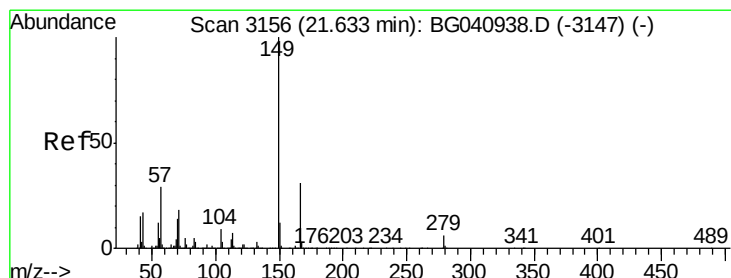
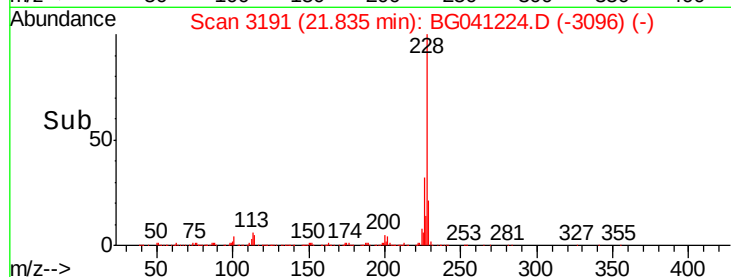
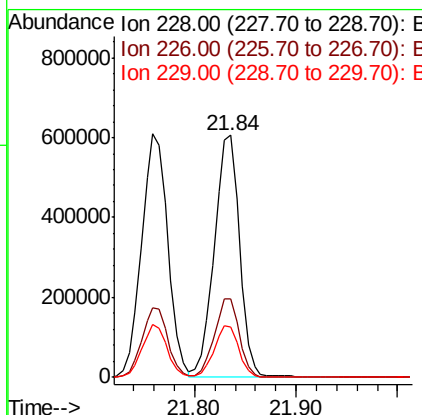
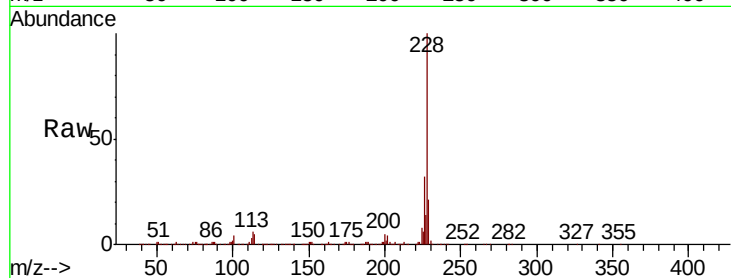
#83
 Chrysene
 Concen: 40.811 ng
 RT: 21.84 min Scan# 3191
 Delta R.T. 0.03 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.6	37.0
229	21.0	16.6	24.8

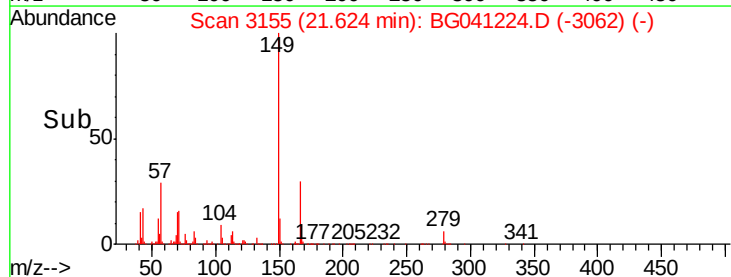
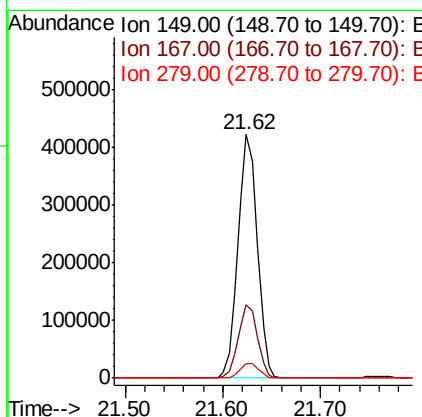
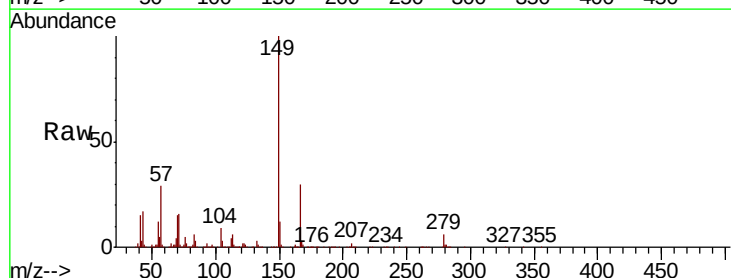
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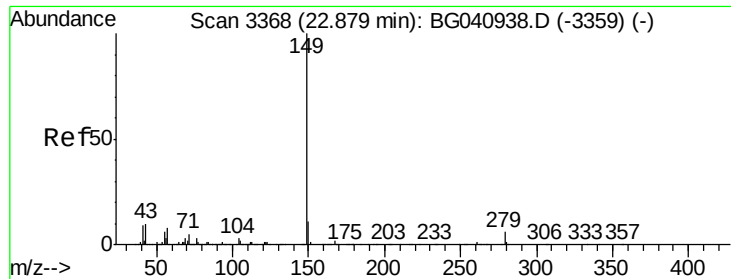
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.727 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. 0.02 min
 Lab File: BG041224.D
 Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.6	37.0
279	6.1	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 40.992 ng

RT: 22.88 min Scan# 3368

Delta R.T. 0.03 min

Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Instrument :

BNA_G

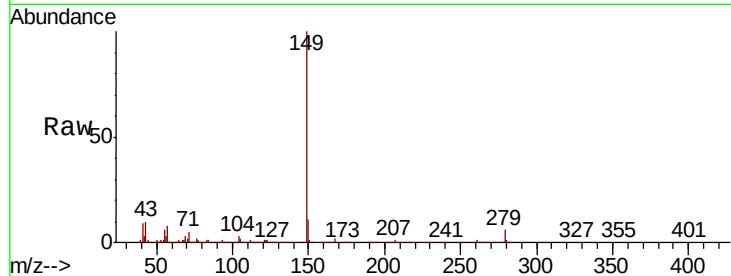
ClientSampleId :

SSTDCCC040

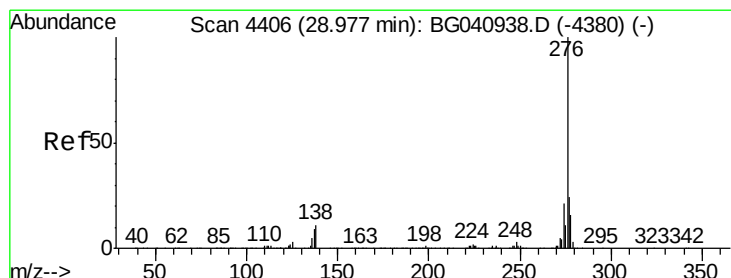
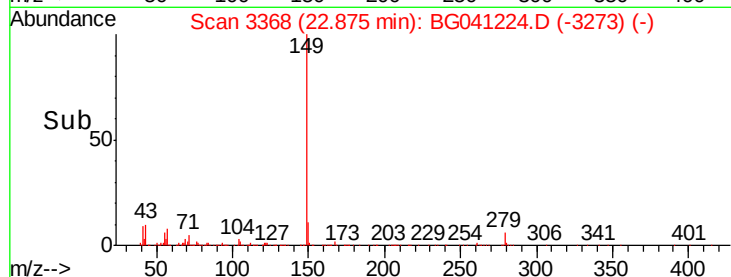
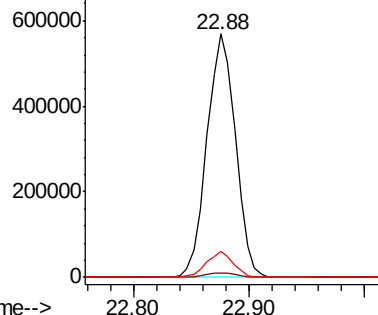
Tot Ion:	149	Resp:	975735
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	10.1	8.1	12.1

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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: 32.709 ng m

RT: 29.01 min Scan# 4412

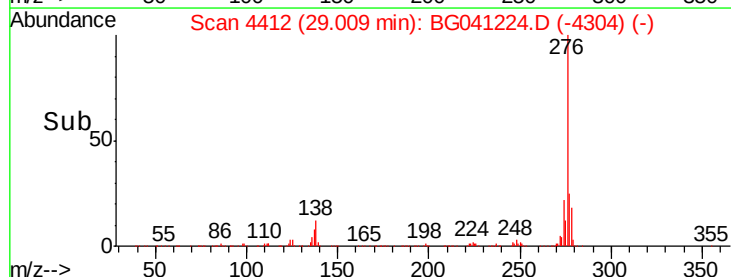
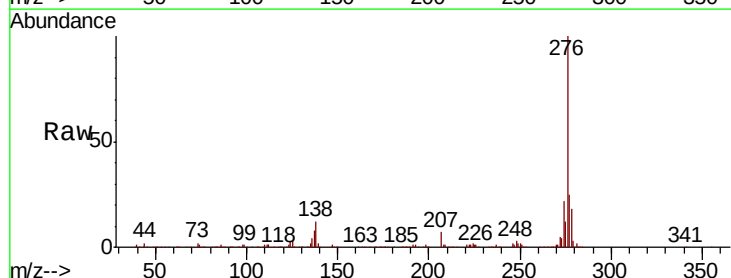
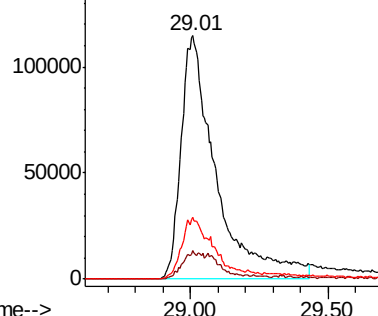
Delta R.T. 0.11 min

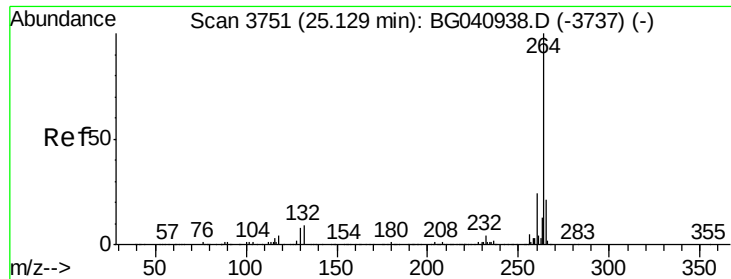
Lab File: BG041224.D

Acq: 13 Jun 2019 10:13

Tgt Ion:	276	Resp:	1024355
Ion Ratio	Lower	Upper	
276	100		
138	4.4	5.7	8.5#
277	22.4	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





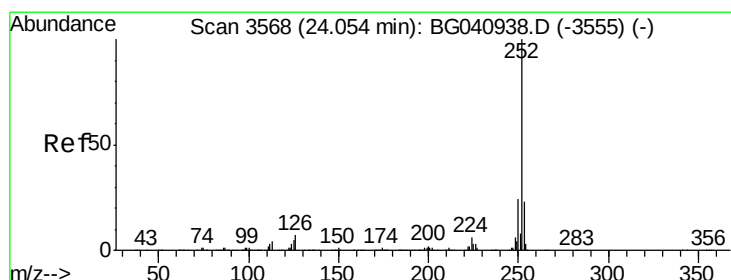
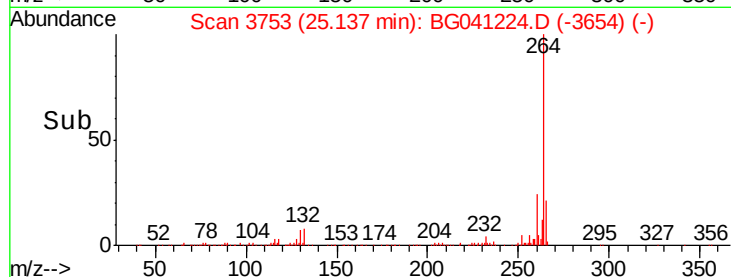
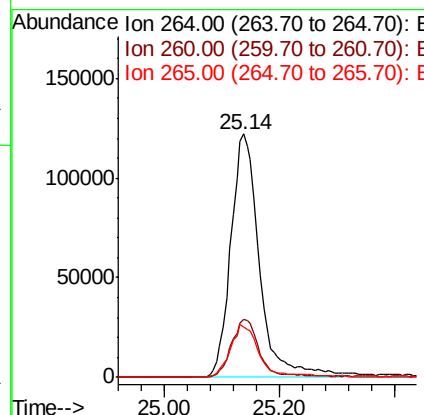
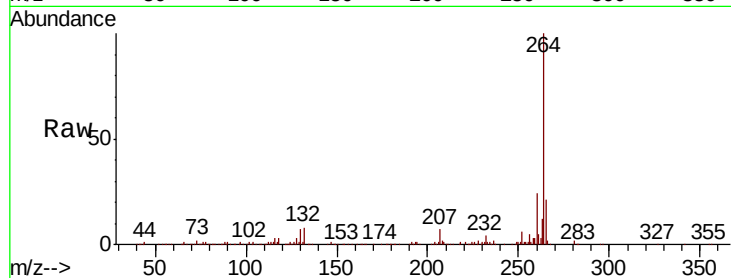
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3753
Delta R.T. 0.05 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	20.9	17.0	25.4

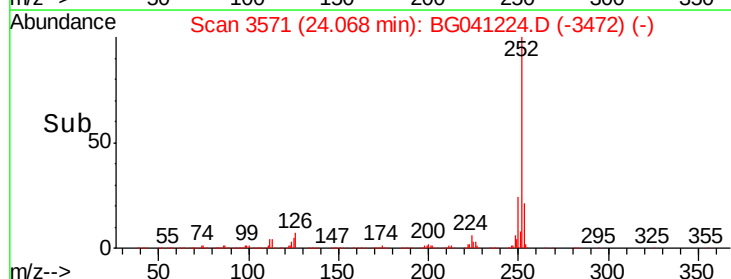
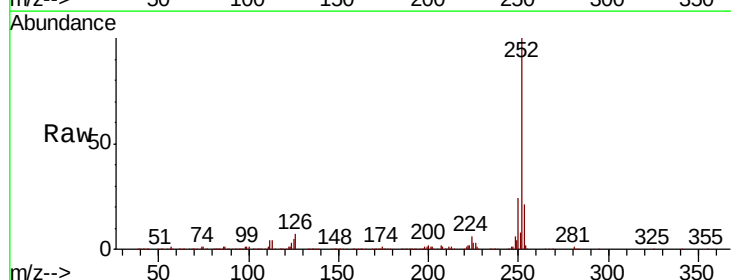
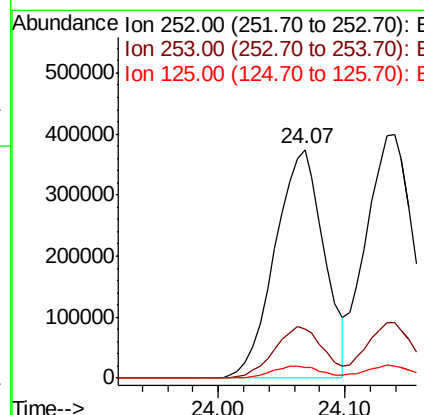
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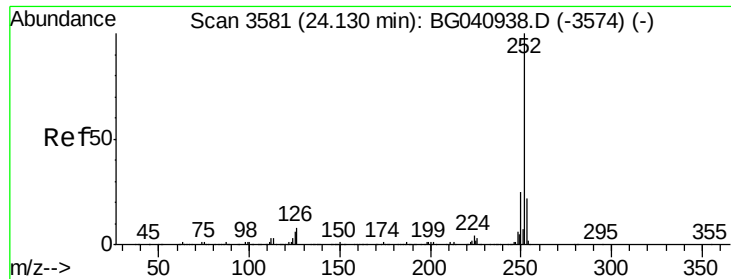
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#88
Benzo(b)fluoranthene
Concen: 39.627 ng
RT: 24.07 min Scan# 3571
Delta R.T. 0.05 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	4.9	4.3	6.5





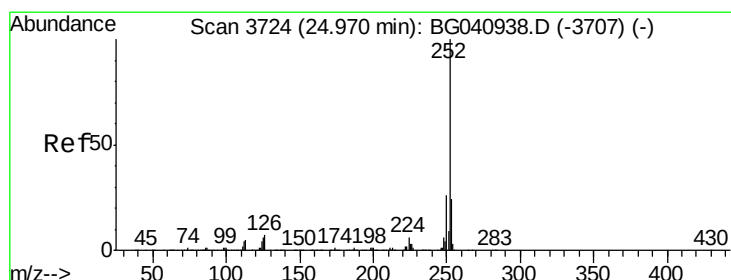
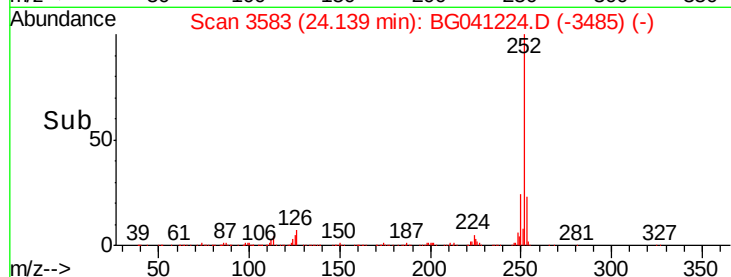
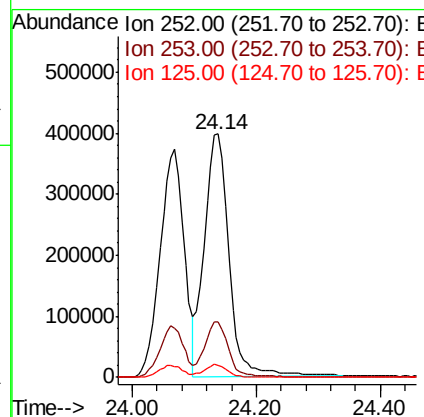
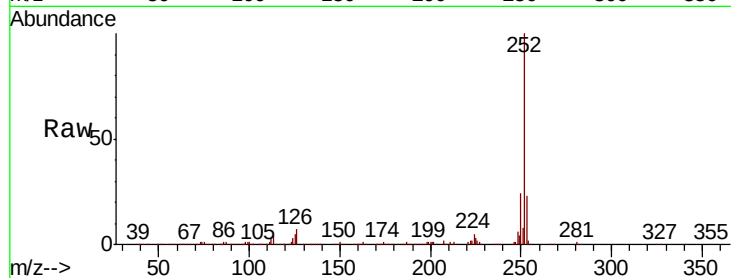
#89
Benzo(k)fluoranthene
Concen: 43.355 ng
RT: 24.14 min Scan# 3583
Delta R.T. 0.05 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	4.8	4.7	7.1

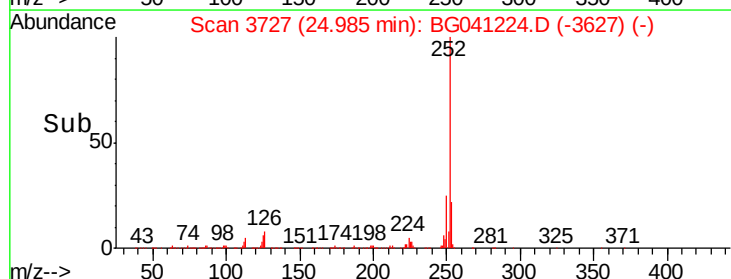
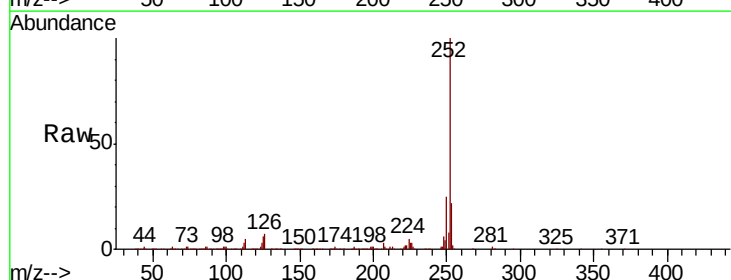
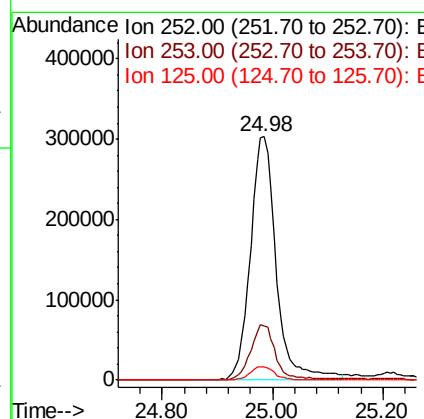
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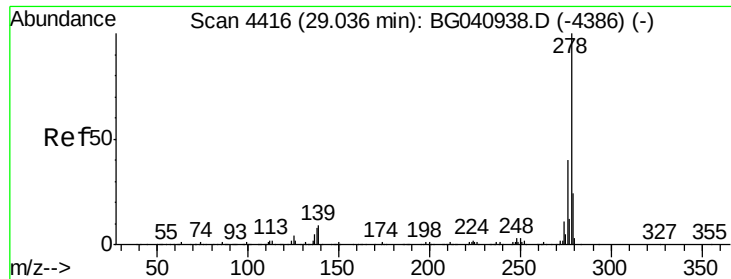
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#90
Benzo(a)pyrene
Concen: 40.021 ng
RT: 24.98 min Scan# 3727
Delta R.T. 0.06 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.5	29.3
125	5.7	5.1	7.7





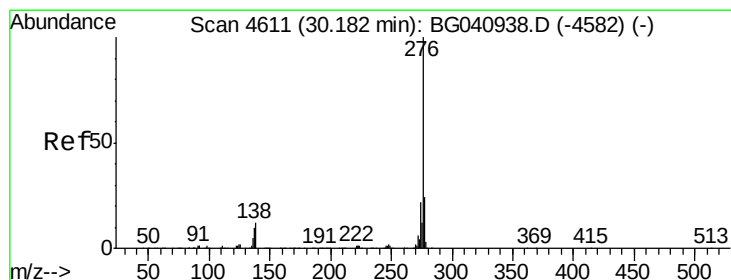
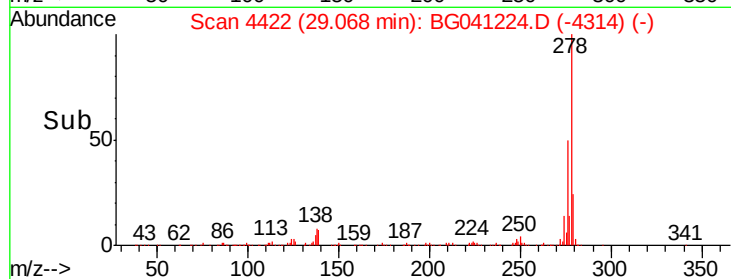
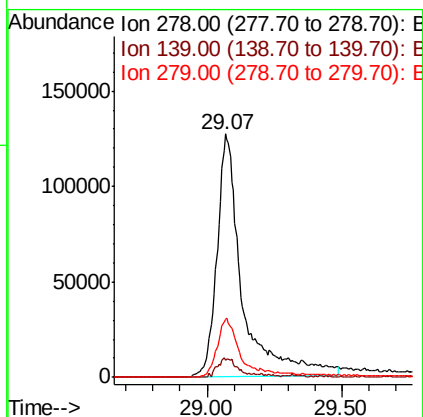
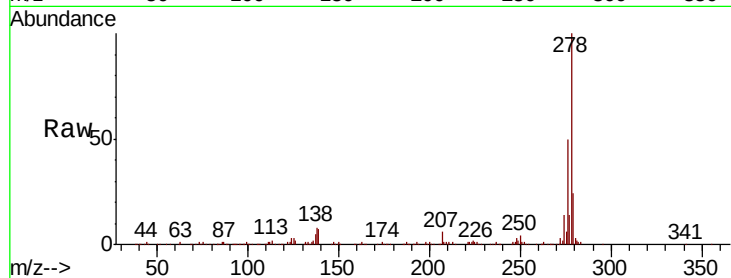
#91
Dibenzo(a,h)anthracene
Concen: 34.560 ng m
RT: 29.07 min Scan# 4422
Delta R.T. 0.11 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.8	7.1	10.7#
279	23.8	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:48:10 AM



#92
Benzo(g,h,i)perylene
Concen: 34.296 ng m
RT: 30.23 min Scan# 4619
Delta R.T. 0.11 min
Lab File: BG041224.D
Acq: 13 Jun 2019 10:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.4	29.0
138	10.5	9.7	14.5

