

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
 Data File : BG041165.D
 Acq On : 10 Jun 2019 16:22
 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 8:39:56 AM

Quant Time: Jun 11 04:28:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48942	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	210144	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	148301	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	362213	20.00	ng	0.00
76) Chrysene-d12	21.76	240	357772	20.00	ng	0.00
87) Perylene-d12	25.09	264	393600	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	241199	88.87	ng	0.00
7) Phenol-d6	7.25	99	372963	88.98	ng	0.00
23) Nitrobenzene-d5	9.29	82	418894	88.49	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	202935	92.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	954237	92.66	ng	0.00
79) Terphenyl-d14	20.08	244	1402530	83.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	47452	38.528	ng	96
3) Pyridine	3.92	79	143296	39.320	ng	99
4) n-Nitrosodimethylamine	3.83	42	73424	43.411	ng	# 93
6) Aniline	7.43	93	235110	42.021	ng	98
8) 2-Chlorophenol	7.66	128	140669	43.473	ng	95
9) Benzaldehyde	7.25	77	120625	48.240	ng	94
10) Phenol	7.28	94	192604	42.854	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	140305	43.032	ng	97
12) 1,3-Dichlorobenzene	7.99	146	169639	43.894	ng	98
13) 1,4-Dichlorobenzene	8.14	146	171058	43.727	ng	97
14) 1,2-Dichlorobenzene	8.46	146	166384	43.805	ng	95
15) Benzyl Alcohol	8.35	79	171336	44.187	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	221931	41.656	ng	97
17) 2-Methylphenol	8.54	107	135389	41.605	ng	95
18) Hexachloroethane	9.19	117	66888	44.363	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	136746	42.392	ng	99
20) 3+4-Methylphenols	8.87	107	191604	42.507	ng	98
22) Acetophenone	8.94	105	261738	44.401	ng	96
24) Nitrobenzene	9.33	77	213023	44.159	ng	98
25) Isophorone	9.84	82	383838	42.608	ng	99
26) 2-Nitrophenol	10.04	139	92705	46.616	ng	# 89
27) 2,4-Dimethylphenol	10.08	122	139245	42.395	ng	99
28) bis(2-Chloroethoxy)methane	10.33	93	209947	43.180	ng	100
29) 2,4-Dichlorophenol	10.57	162	177540	42.567	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	214793	45.270	ng	96
31) Naphthalene	10.98	128	492484	43.649	ng	98
32) Benzoic acid	10.23	122	104294m	42.050	ng	
33) 4-Chloroaniline	11.09	127	224146	42.816	ng	98
34) Hexachlorobutadiene	11.24	225	165308	45.534	ng	98
35) Caprolactam	11.90	113	55991	40.652	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	197109	41.380	ng	99
37) 2-Methylnaphthalene	12.58	142	374412	43.086	ng	97
38) 1-Methylnaphthalene	12.58	142	374412	45.723	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	282320	47.232	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
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 SSTDC0040

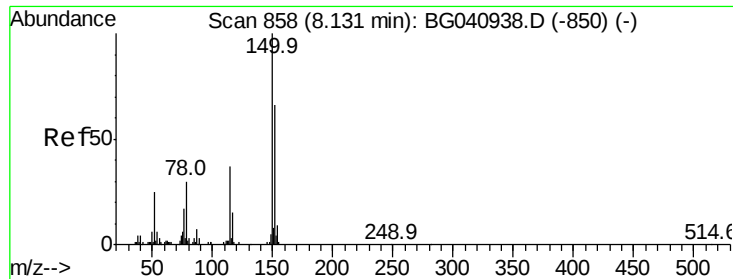
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	138717	46.963	nq	98
43) 2,4,6-Trichlorophenol	13.18	196	175504	45.387	nq	95
44) 2,4,5-Trichlorophenol	13.25	196	176663	43.320	nq	99
46) 1,1'-Biphenyl	13.58	154	506003	46.094	nq	100
47) 2-Chloronaphthalene	13.62	162	433574	46.007	nq	98
48) 2-Nitroaniline	13.83	65	155406	45.966	nq	96
49) Acenaphthylene	14.46	152	625553	44.104	nq	99
50) Dimethylphthalate	14.19	163	551604	43.939	nq	99
51) 2,6-Dinitrotoluene	14.32	165	118920	43.935	nq	97
52) Acenaphthene	14.80	154	379678	44.188	nq	97
53) 3-Nitroaniline	14.65	138	120718	44.601	nq	100
54) 2,4-Dinitrophenol	14.86	184	50518	45.640	nq	95
55) Dibenzofuran	15.14	168	640738	44.317	nq	98
56) 4-Nitrophenol	14.94	139	81083	43.676	nq	89
57) 2,4-Dinitrotoluene	15.10	165	172499	45.116	nq	98
58) Fluorene	15.78	166	495227	43.010	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	174340	43.501	nq	99
60) Diethylphthalate	15.54	149	547851	42.763	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	330163	44.116	nq	97
62) 4-Nitroaniline	15.81	138	127832	44.612	nq	94
63) Azobenzene	16.06	77	497390	42.716	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	93719	48.234	nq	100
66) n-Nitrosodiphenylamine	15.98	169	449783	44.173	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	212519	43.476	nq	95
68) Hexachlorobenzene	16.78	284	229371	44.066	nq	98
69) Atrazine	16.92	200	170139	43.305	nq	98
70) Pentachlorophenol	17.12	266	117459	44.139	nq	97
71) Phenanthrene	17.52	178	836290	44.325	nq	98
72) Anthracene	17.62	178	834125	44.826	nq	99
73) Carbazole	17.89	167	732613	45.884	nq	100
74) Di-n-butylphthalate	18.42	149	887623	44.729	nq	99
75) Fluoranthene	19.53	202	1066385	45.760	nq	99
77) Benzidine	19.71	184	442103	51.800	nq	97
78) Pyrene	19.89	202	1074024	46.180	nq	99
80) Butylbenzylphthalate	20.76	149	415759	45.936	nq	97
81) Benzo(a)anthracene	21.74	228	1078239	45.275	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	390595	46.630	nq	99
83) Chrysene	21.81	228	1034708	45.401	nq	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	575962	45.205	nq	99
85) Di-n-octyl phthalate	22.85	149	960135	45.248	nq	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1195573	42.825	nq	98
88) Benzo(b)fluoranthene	24.02	252	1066669	44.681	nq	99
89) Benzo(k)fluoranthene	24.09	252	1039923	44.019	nq	99
90) Benzo(a)pyrene	24.93	252	1012656	44.460	nq	98
91) Dibenzo(a,h)anthracene	28.98	278	977683	42.958	nq	99
92) Benzo(g,h,i)perylene	30.10	276	911697	41.233	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

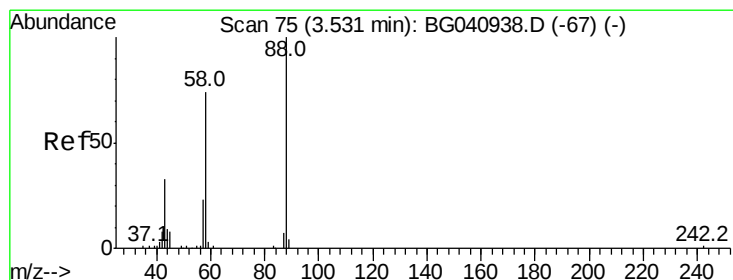
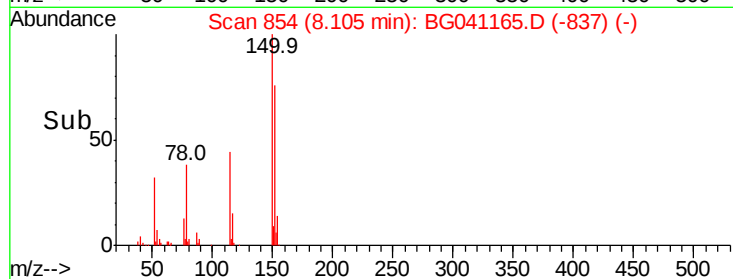
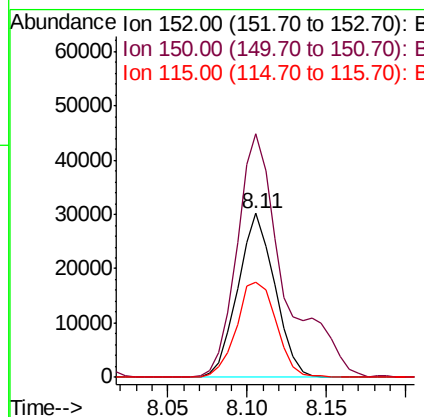
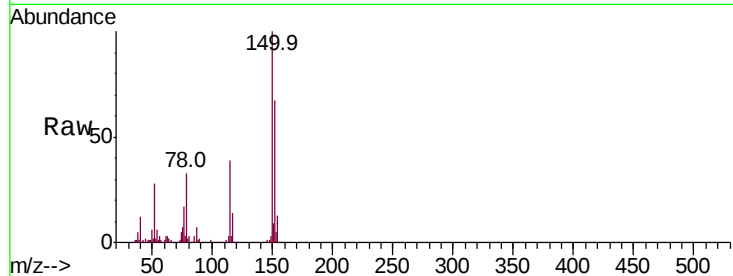
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	48942
Ion Ratio	Lower	Upper	
152	100		
150	148.5	120.6	180.8
115	58.4	45.1	67.7

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#2

1,4-Dioxane

Concen: 38.528 ng

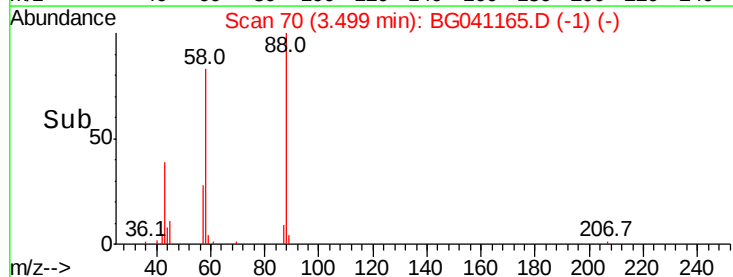
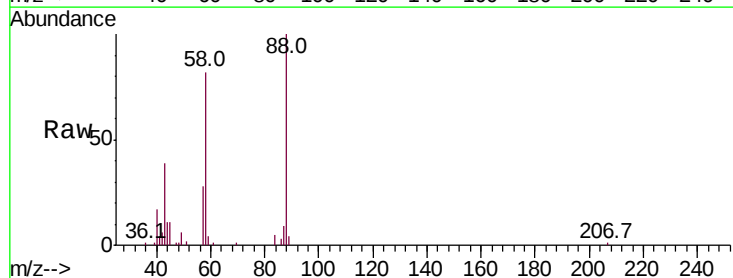
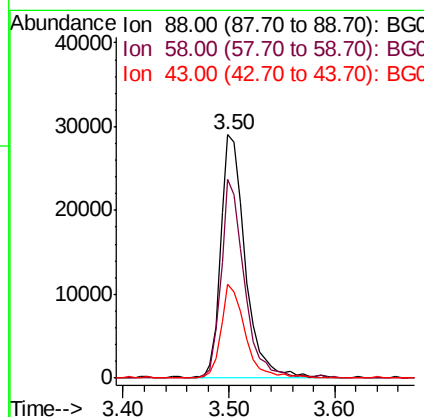
RT: 3.50 min Scan# 70

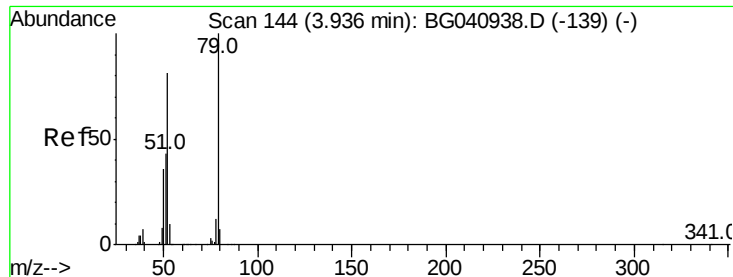
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	88	Resp:	47452
Ion Ratio	Lower	Upper	
88	100		
58	76.8	59.0	88.6
43	37.6	27.2	40.8





#3

Pvridine

Concen: 39.320 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

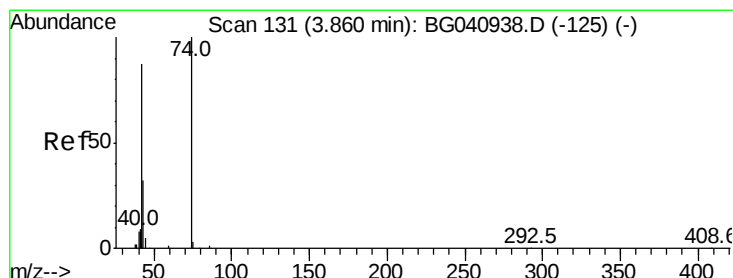
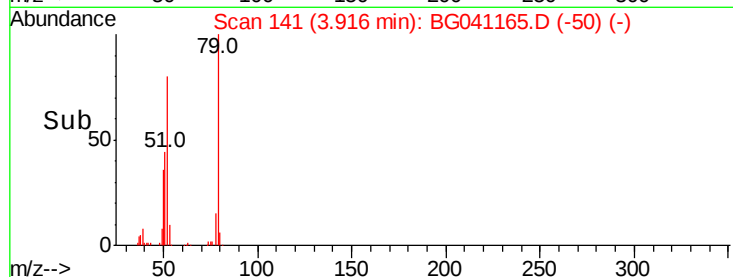
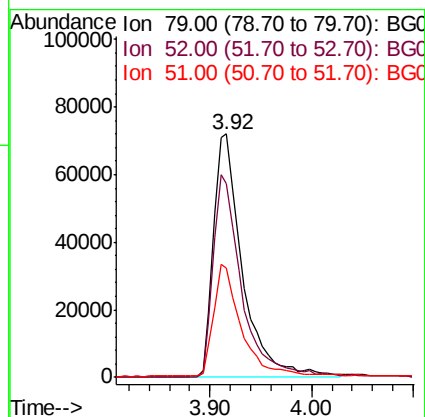
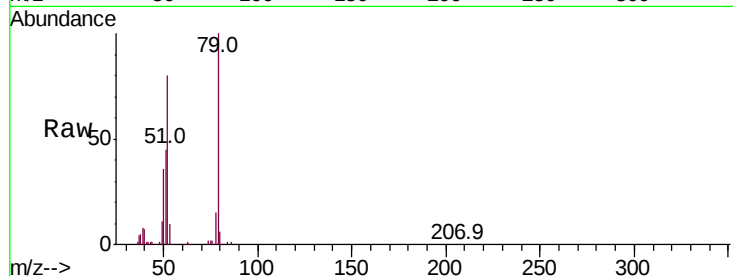
ClientSampleId :

SSTDCCC040

Tot Ion	79	Resp	143296
Ion	Ratio	Lower	Upper
79	100		
52	79.5	64.8	97.2
51	44.7	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 43.411 ng

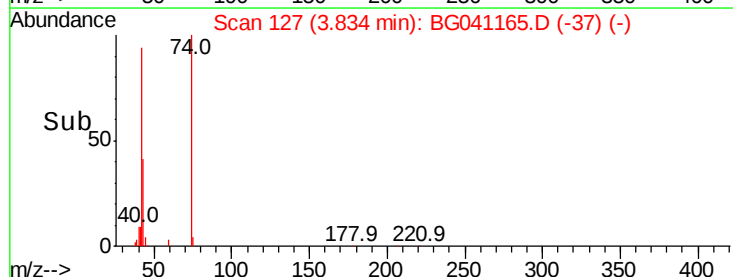
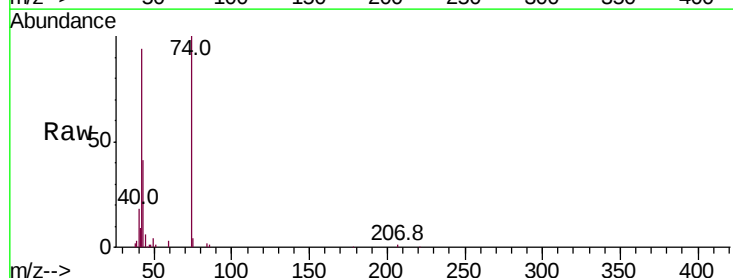
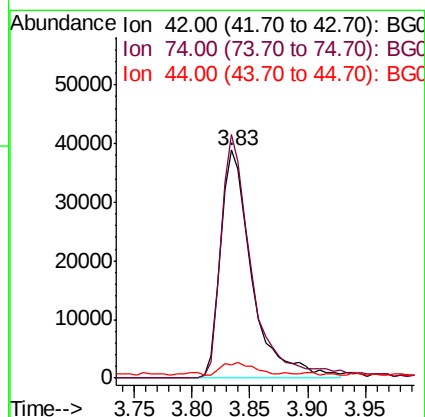
RT: 3.83 min Scan# 127

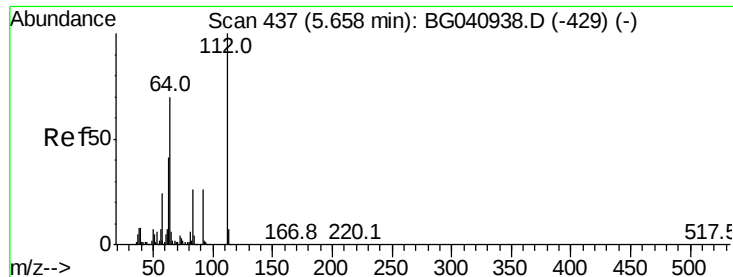
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion	42	Resp	73424
Ion	Ratio	Lower	Upper
42	100		
74	106.9	91.8	137.6
44	6.0	6.0	9.0





#5

2-Fluorophenol

Concen: 88.867 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

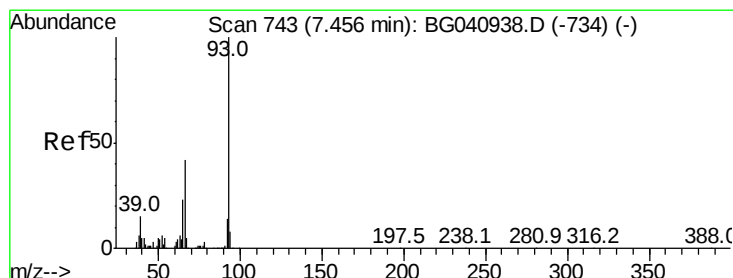
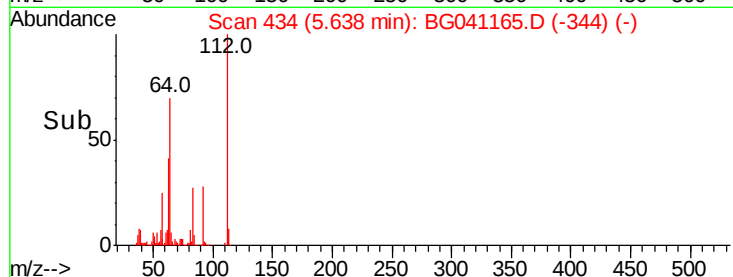
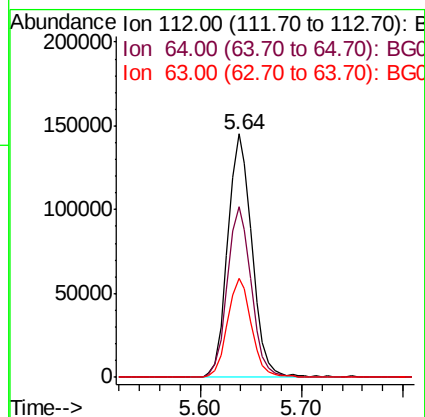
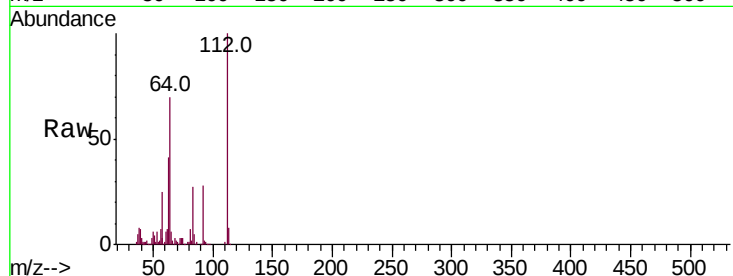
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	241199
Ion Ratio	Lower	Upper	
112	100		
64	70.3	56.2	84.2
63	40.8	32.8	49.2

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#6

Aniline

Concen: 42.021 ng

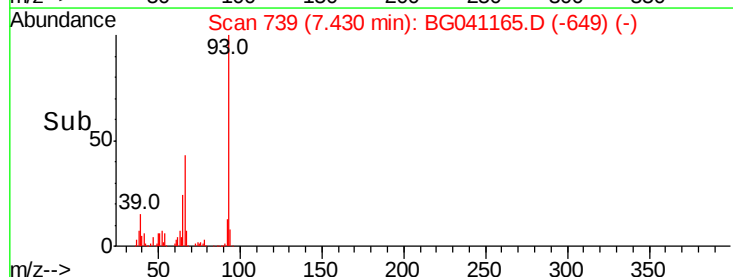
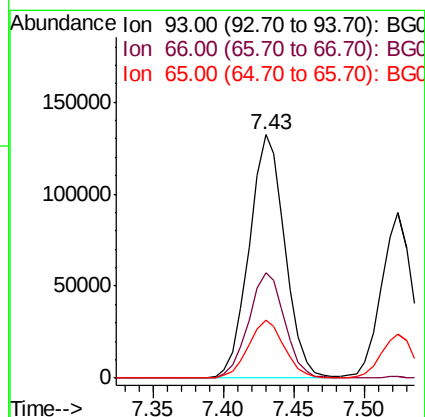
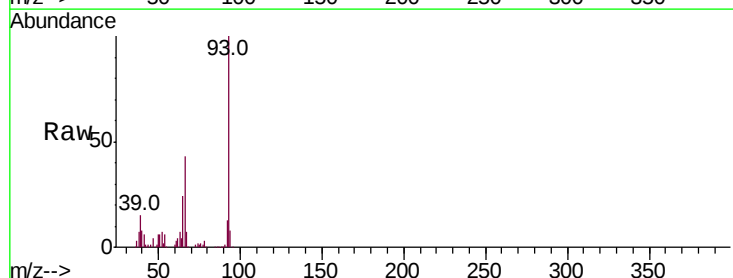
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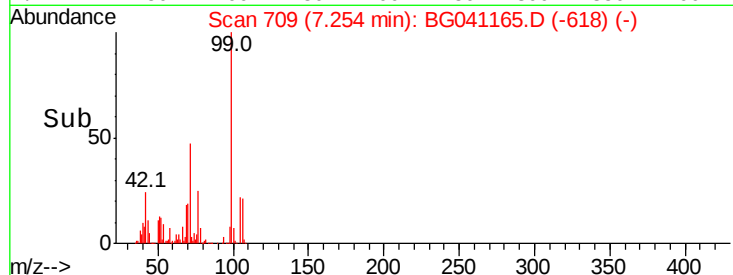
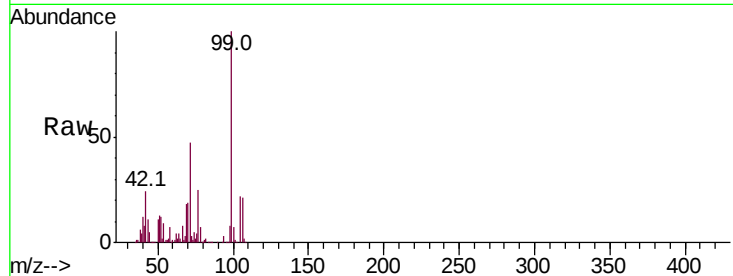
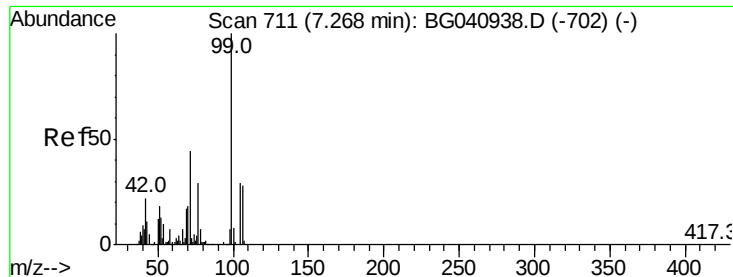
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	93	Resp:	235110
Ion Ratio	Lower	Upper	
93	100		
66	43.3	33.8	50.8
65	23.6	18.3	27.5





#7

Phenol-d6

Concen: 88.976 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tot Ion:	99	Resp:	372963
Ion Ratio	Lower	Upper	
99	100		
42	23.8	17.9	26.9
71	47.3	35.4	53.0

Instrument :

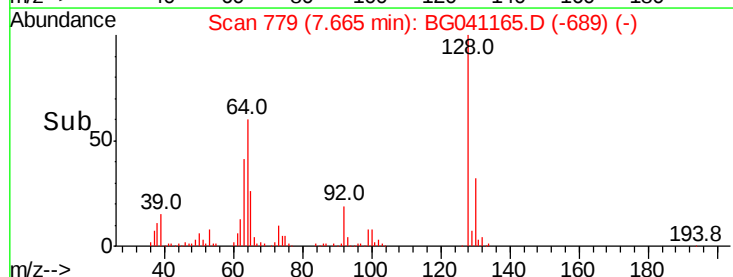
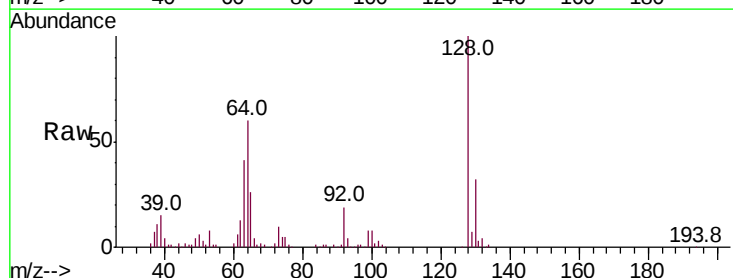
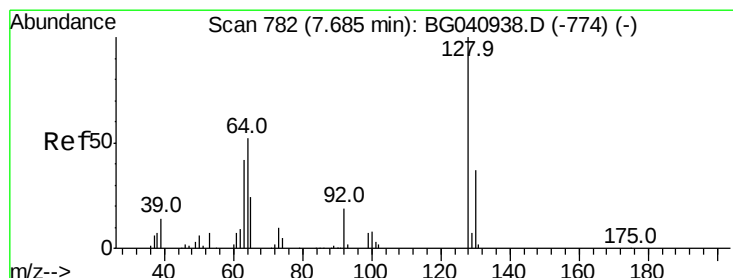
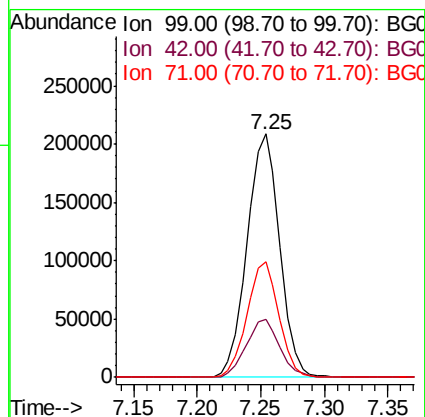
BNA_G

ClientSampled :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 43.473 ng

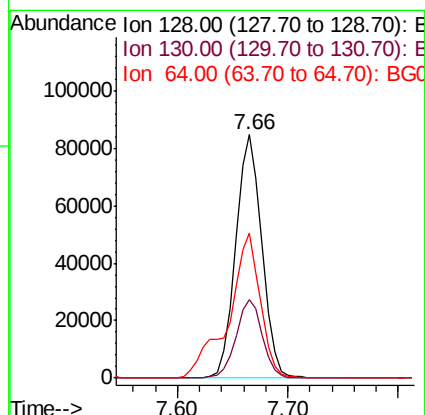
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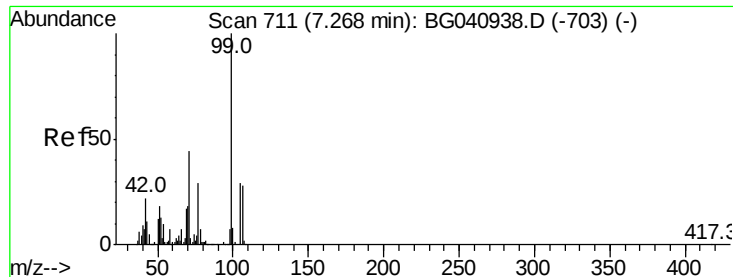
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	128	Resp:	140669
Ion Ratio	Lower	Upper	
128	100		
130	32.2	16.6	56.6
64	59.8	37.8	77.8





#9

Benzaldehyde

Concen: 48.240 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

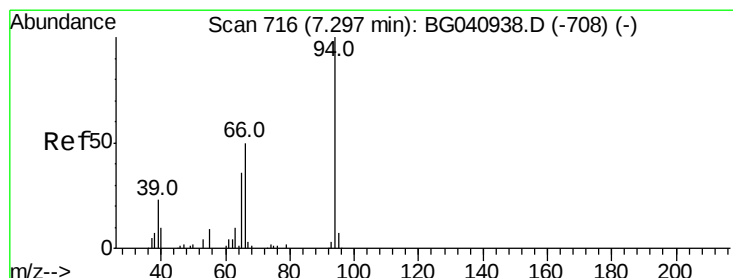
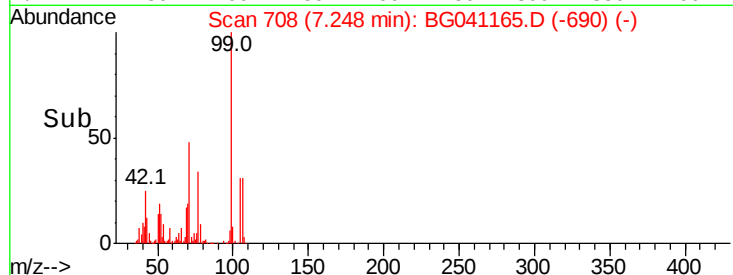
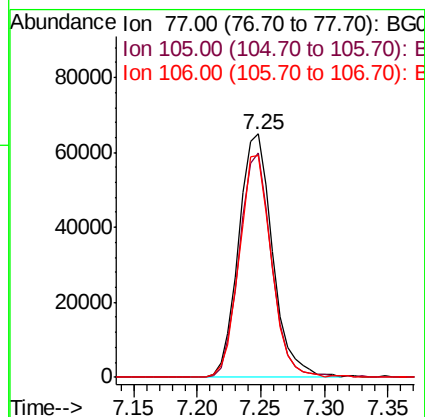
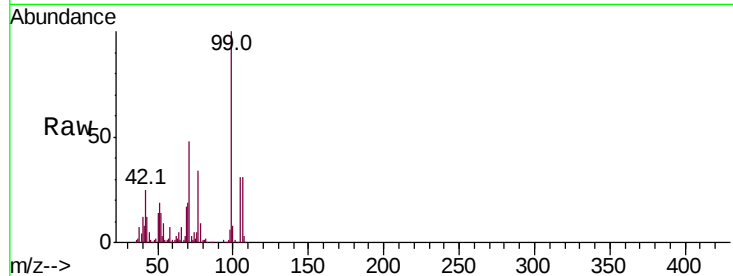
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	120625
Ion	Ratio	Lower	Upper
77	100		
105	92.4	78.9	118.9
106	91.2	76.7	116.7

Manual Integrations
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#10

Phenol

Concen: 42.854 ng

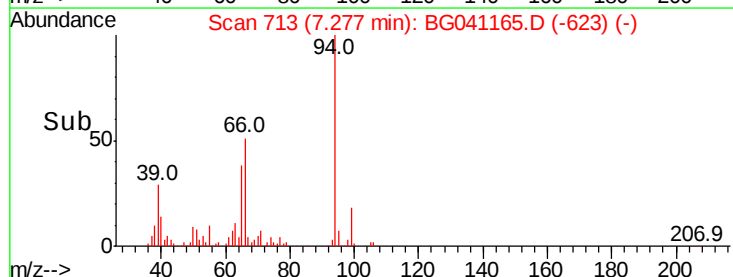
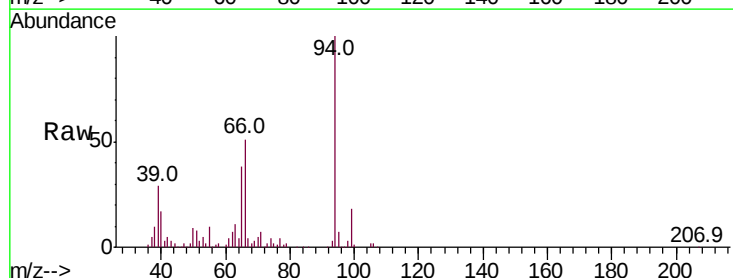
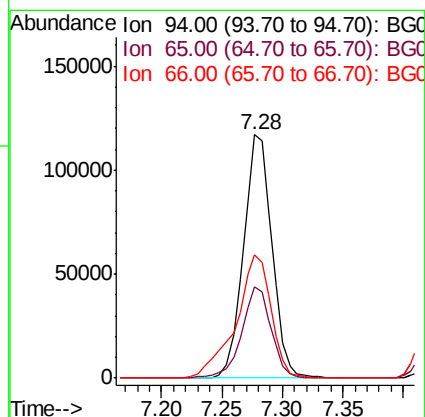
RT: 7.28 min Scan# 713

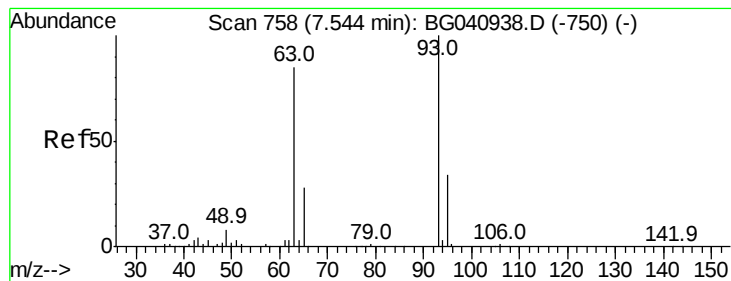
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	94	Resp:	192604
Ion	Ratio	Lower	Upper
94	100		
65	37.7	17.0	57.0
66	50.7	32.4	72.4





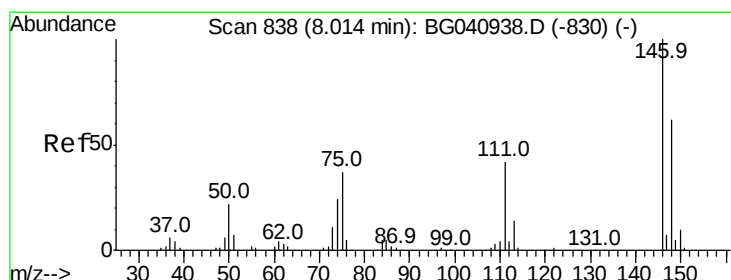
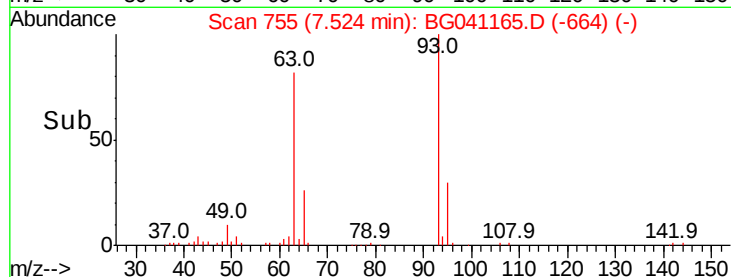
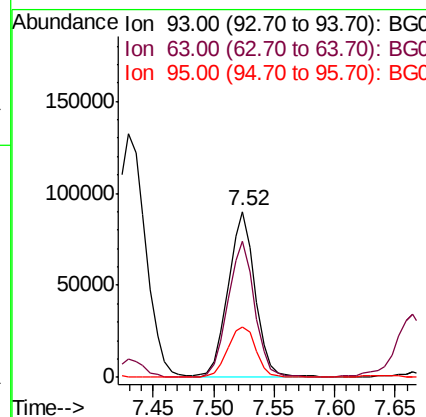
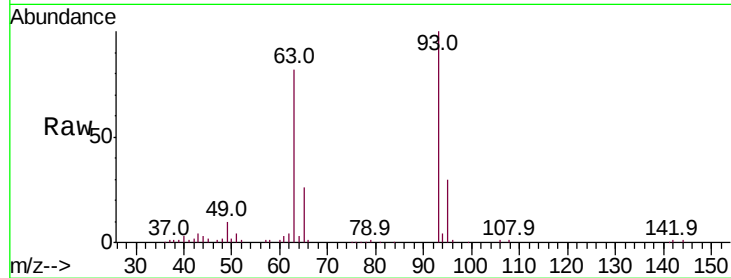
#11
bis(2-Chloroethyl)ether
Concen: 43.032 ng
RT: 7.52 min Scan# 755
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.1	64.5	104.5
95	30.3	13.3	53.3

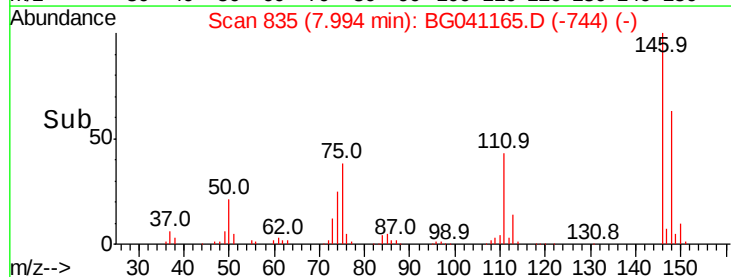
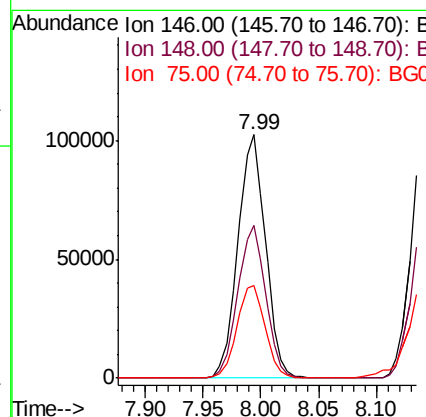
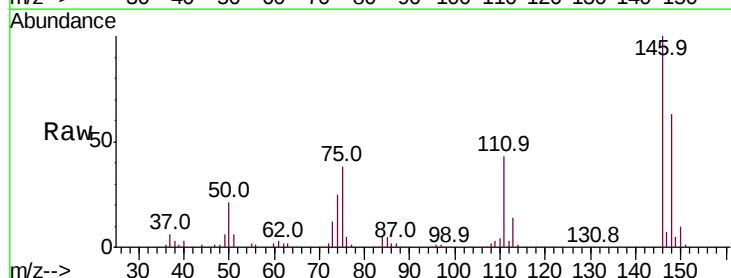
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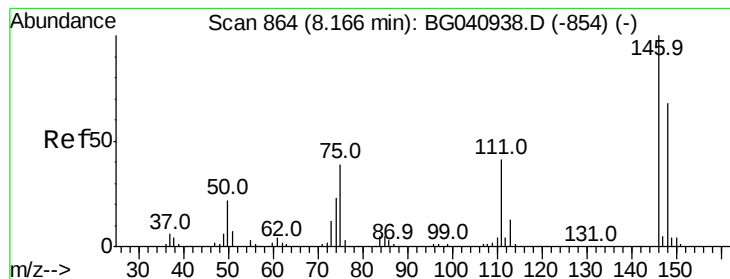
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.894 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.2	73.8
75	38.3	29.4	44.0





#13

1,4-Dichlorobenzene

Concen: 43.727 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

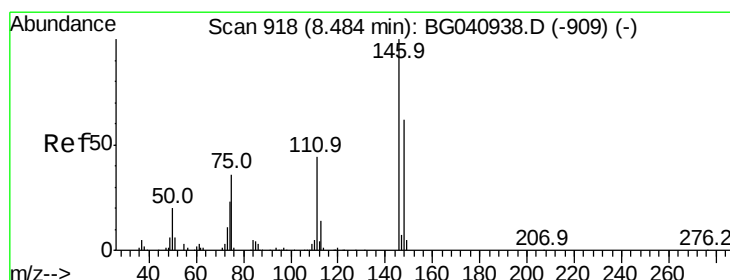
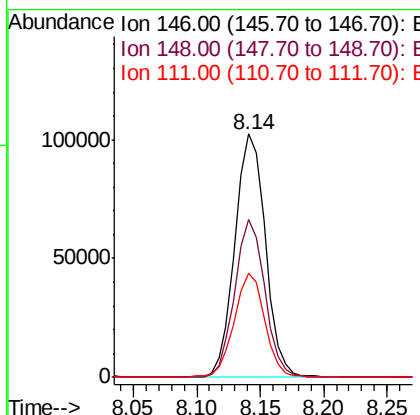
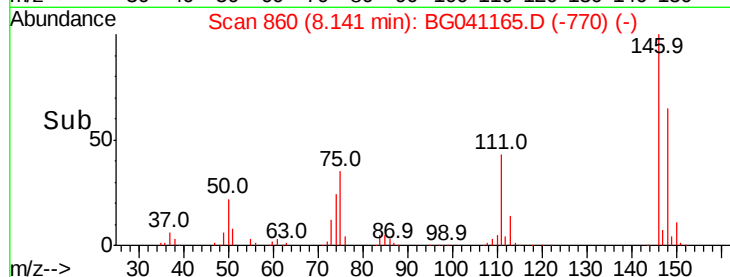
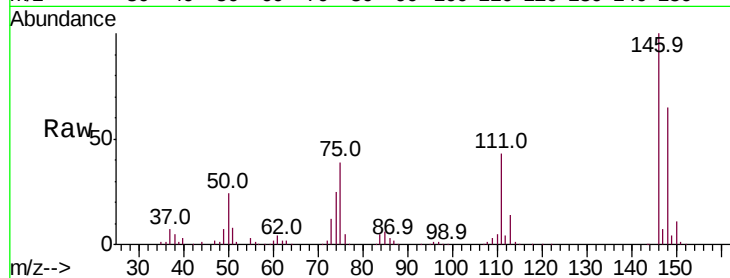
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	171058
Ion Ratio	Lower	Upper	
146	100		
148	65.1	54.2	81.4
111	42.9	32.9	49.3

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#14

1,2-Dichlorobenzene

Concen: 43.805 ng

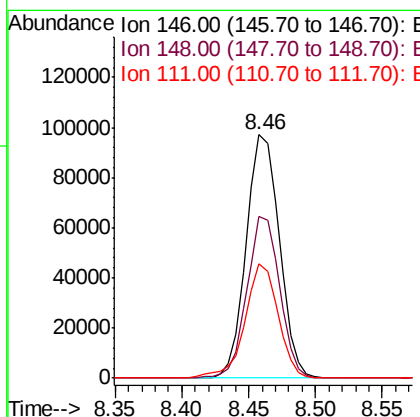
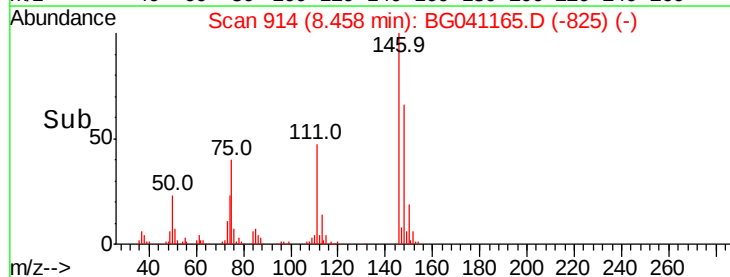
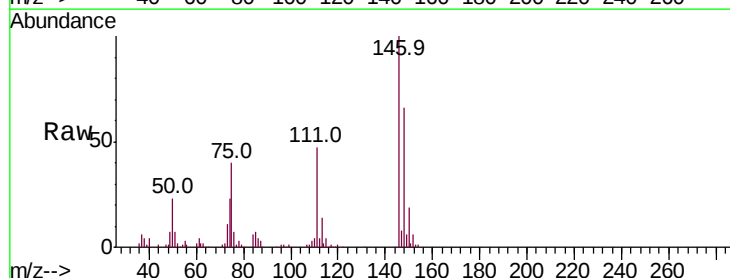
RT: 8.46 min Scan# 914

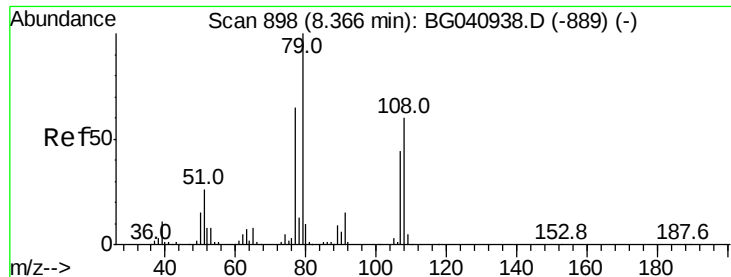
Delta R.T. -0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	146	Resp:	166384
Ion Ratio	Lower	Upper	
146	100		
148	66.3	49.8	74.6
111	47.0	35.0	52.4





#15

Benzyl Alcohol

Concen: 44.187 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

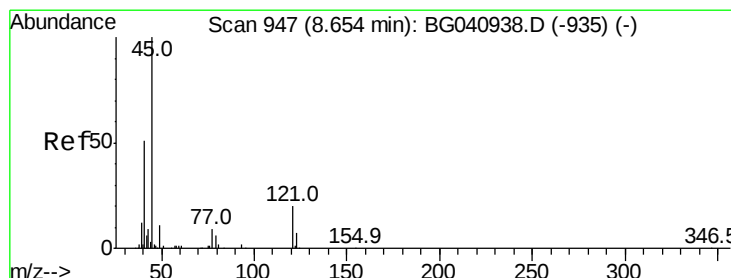
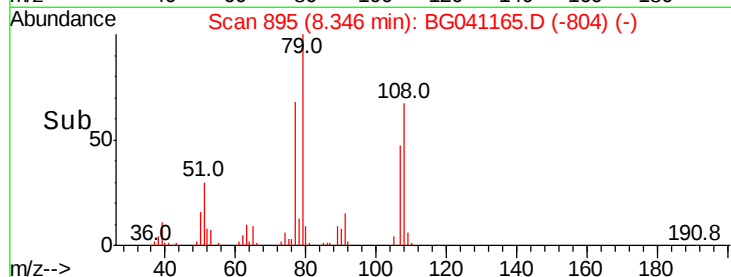
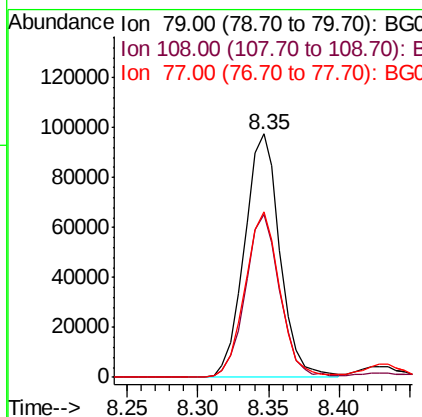
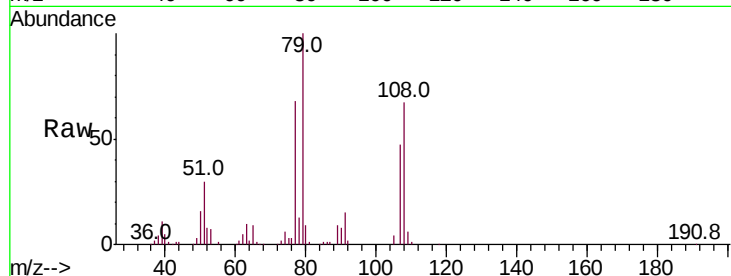
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	171336
Ion Ratio	Lower	Upper	
79	100		
108	66.8	48.3	72.5
77	68.0	52.3	78.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.656 ng

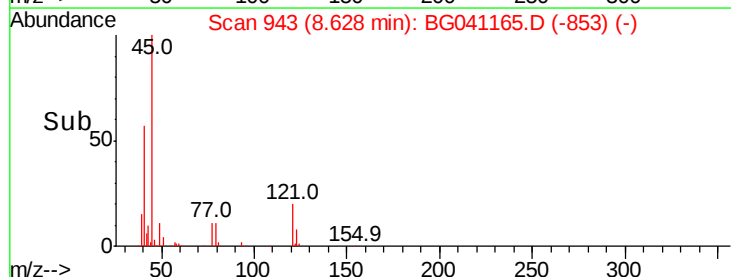
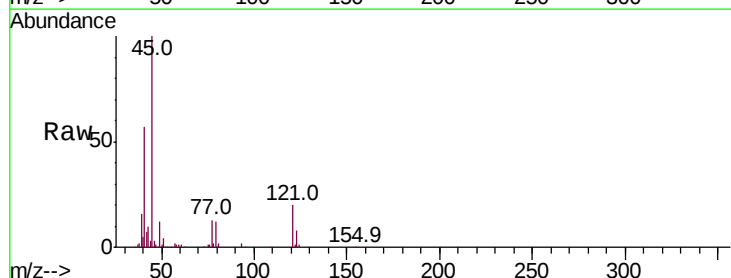
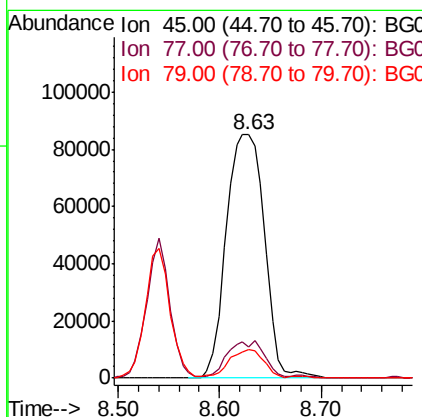
RT: 8.63 min Scan# 943

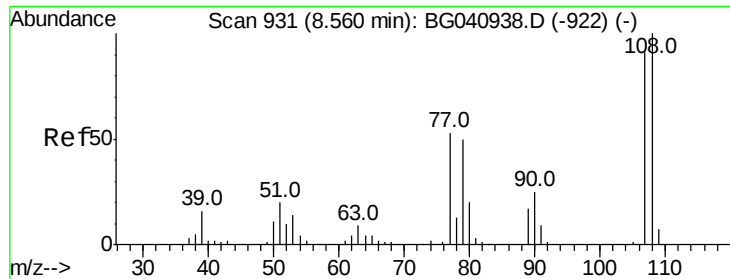
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	45	Resp:	221931
Ion Ratio	Lower	Upper	
45	100		
77	12.7	0.0	33.7
79	11.7	0.0	30.2





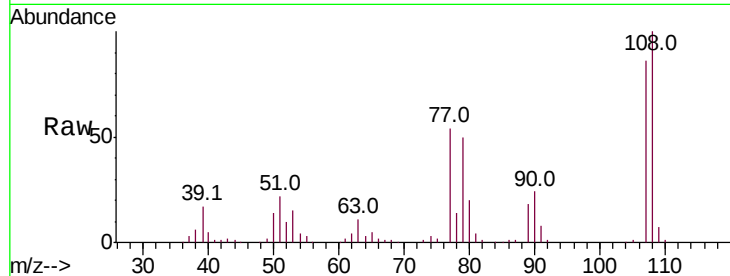
#17
2-Methylphenol
Concen: 41.605 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	87.7	131.5	
77	62.1	46.6	70.0	
79	57.6	44.6	66.8	

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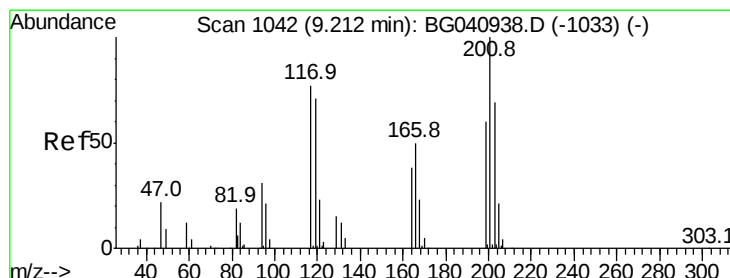
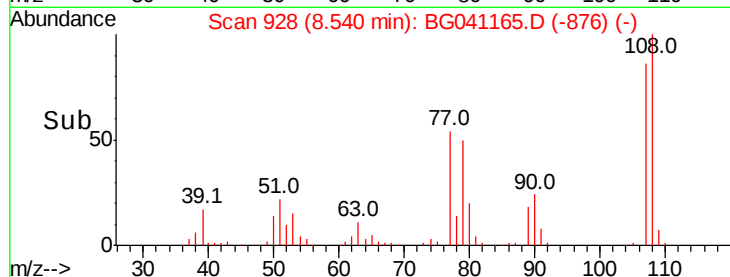
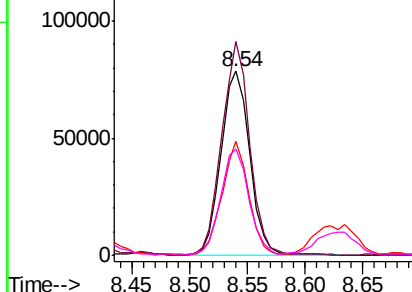
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.363 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

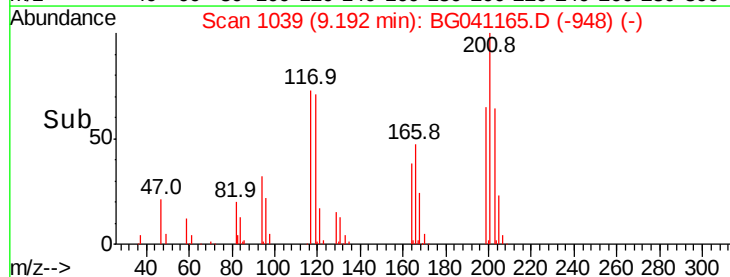
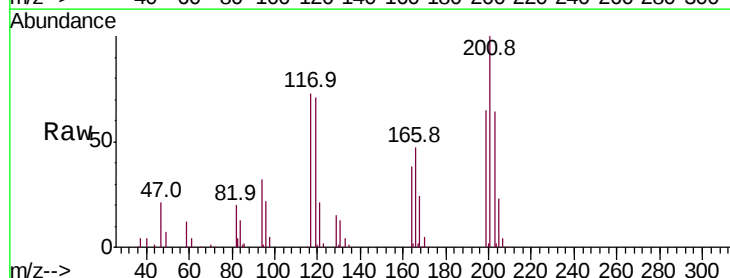
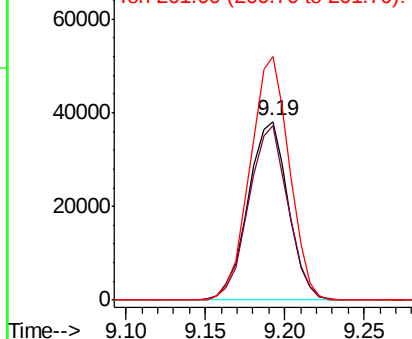
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.0	112.6	
201	136.2	103.5	155.3	

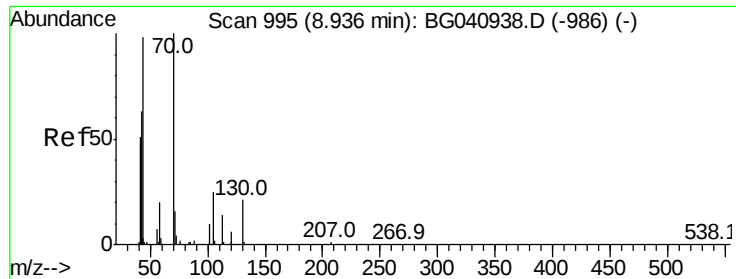
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.392 ng

RT: 8.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

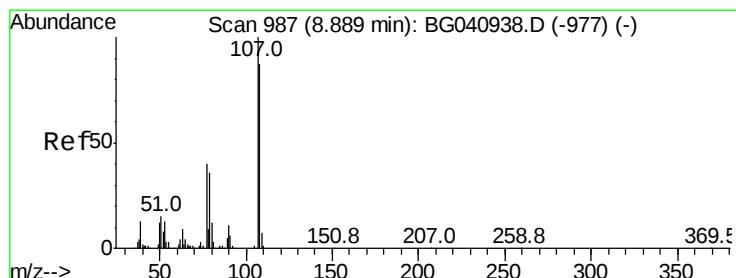
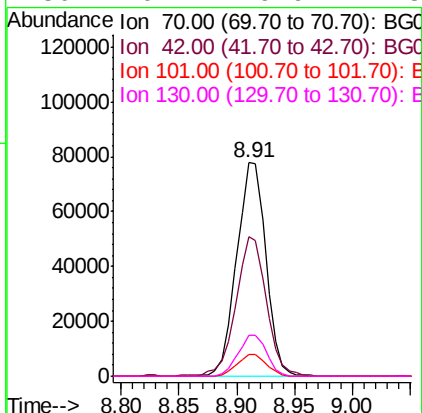
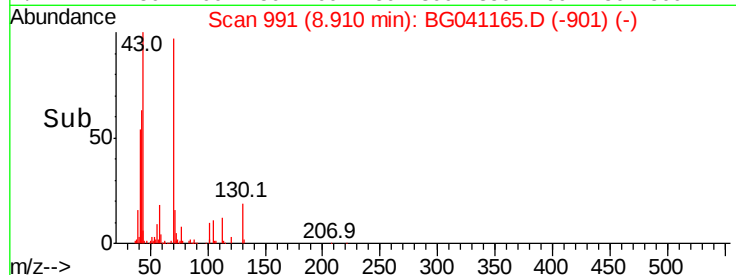
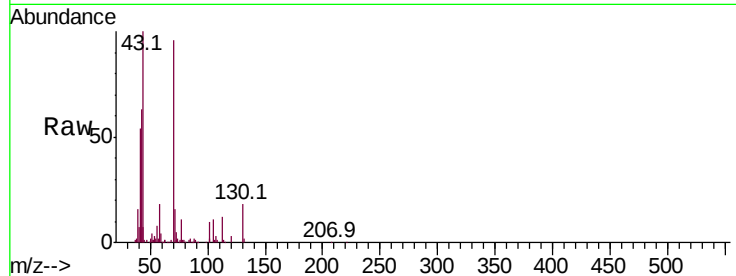
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.1	51.5	77.3	
101	10.3	8.1	12.1	
130	19.2	16.6	24.8	

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#20

3+4-Methylphenols

Concen: 42.507 ng

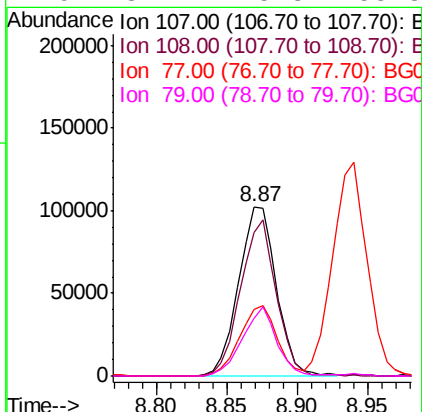
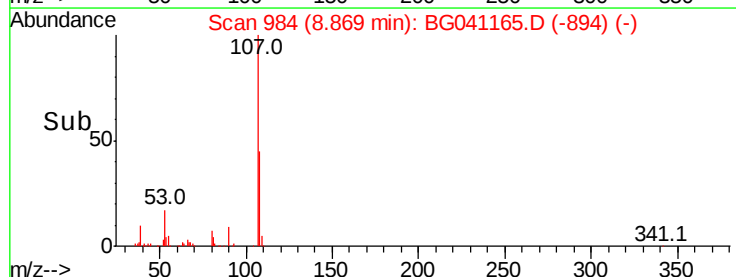
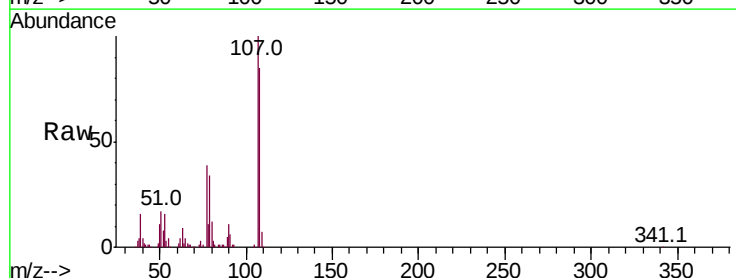
RT: 8.87 min Scan# 984

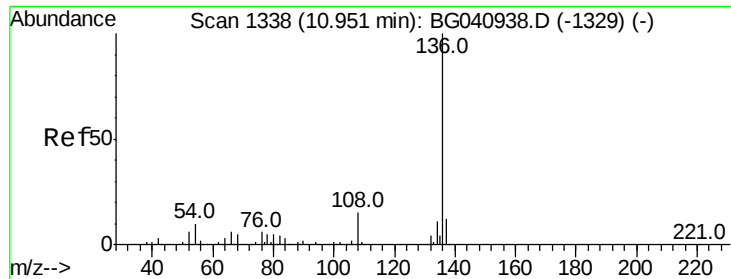
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.9	66.8	106.8	
77	39.0	20.5	60.5	
79	34.2	15.8	55.8	





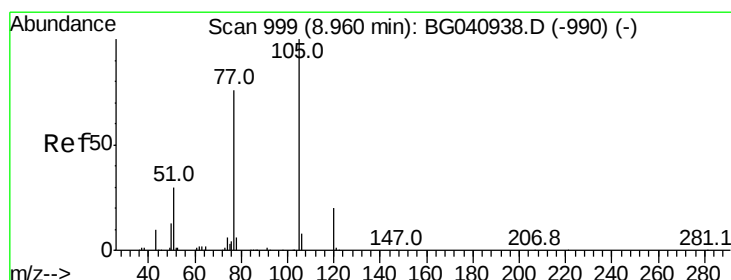
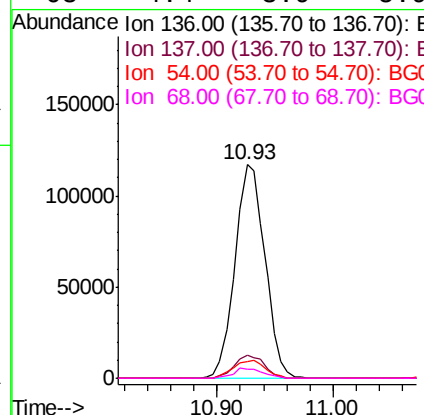
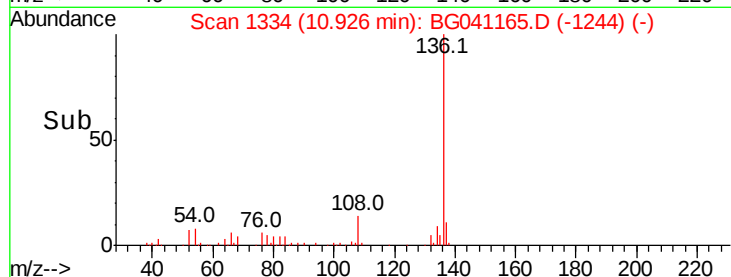
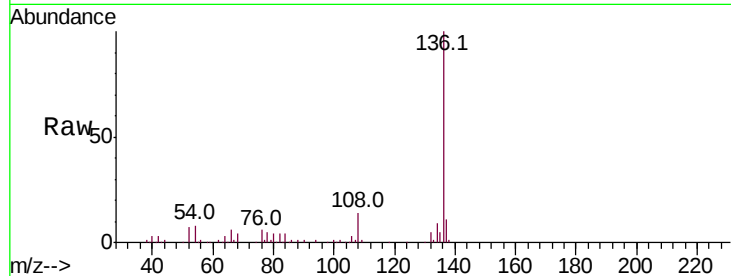
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	210144		
137	10.5	9.5	14.3	
54	7.9	7.6	11.4	
68	4.4	3.9	5.9	

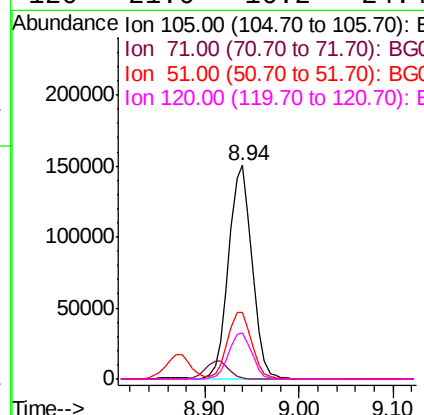
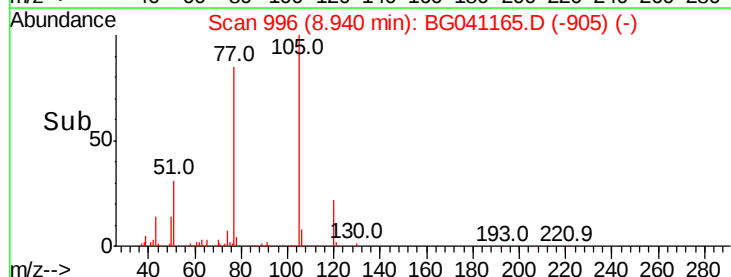
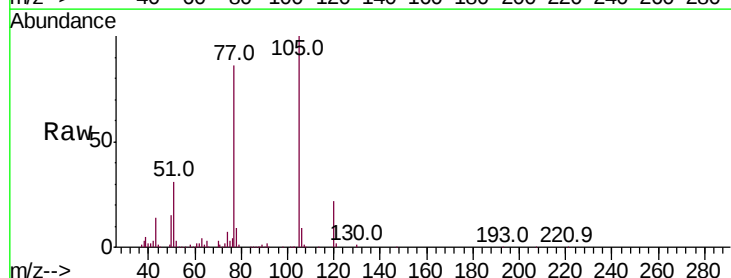
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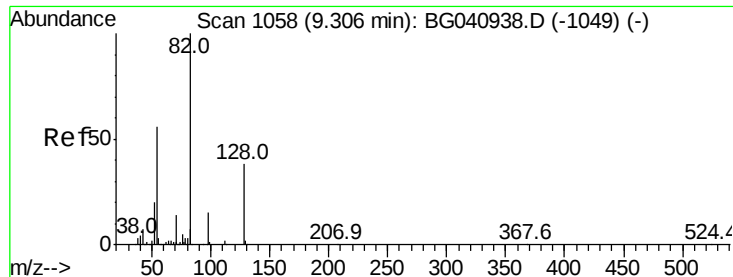
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#22
Acetophenone
Concen: 44.401 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	261738		
71	0.6	0.4	0.6	
51	31.2	27.0	40.6	
120	21.6	16.2	24.4	





#23

Nitrobenzene-d5

Concen: 88.493 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

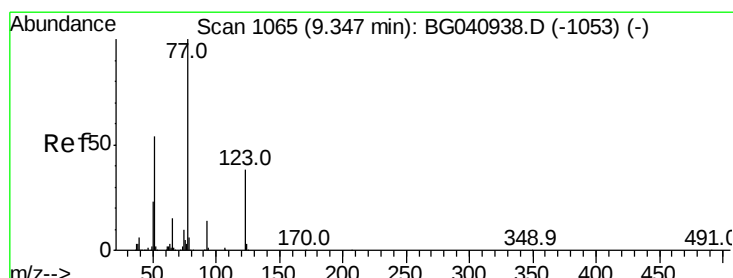
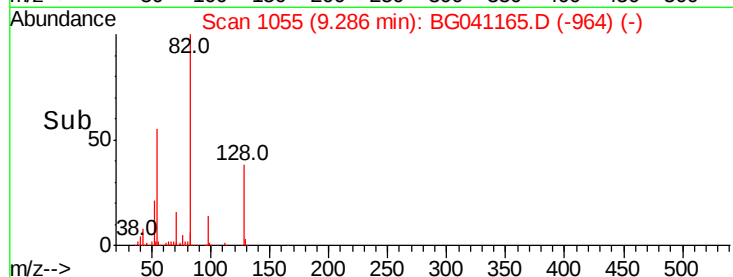
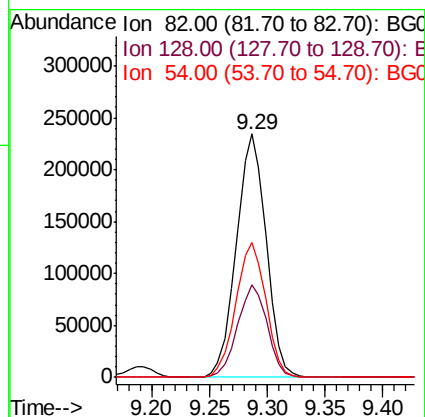
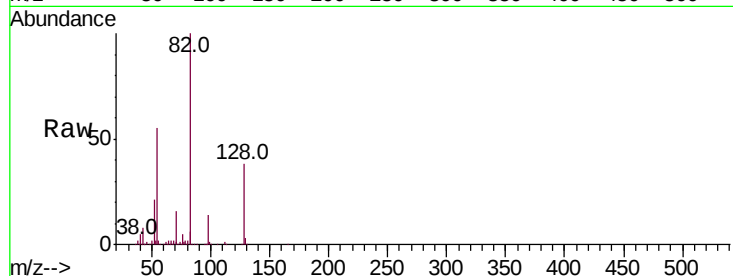
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	418894
Ion Ratio	Lower	Upper	
82	100		
128	37.9	30.5	45.7
54	55.1	44.6	66.8

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#24

Nitrobenzene

Concen: 44.159 ng

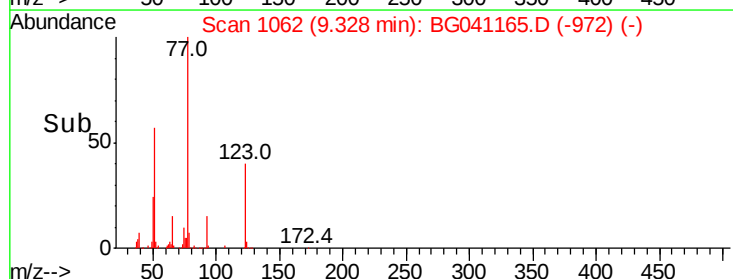
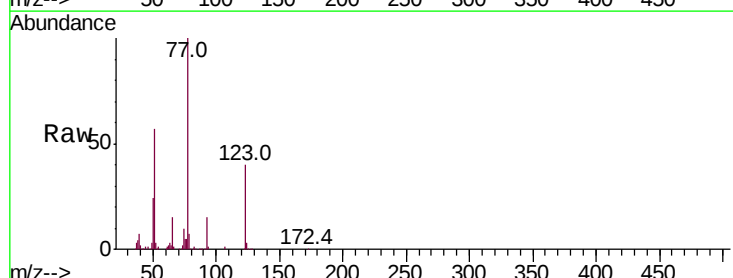
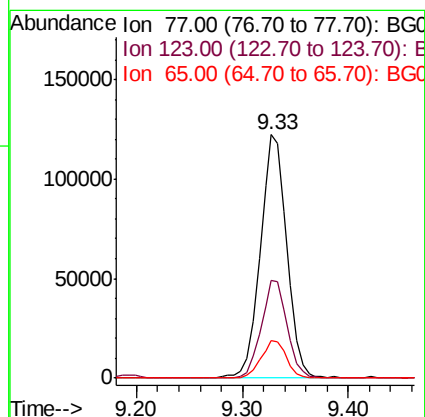
RT: 9.33 min Scan# 1062

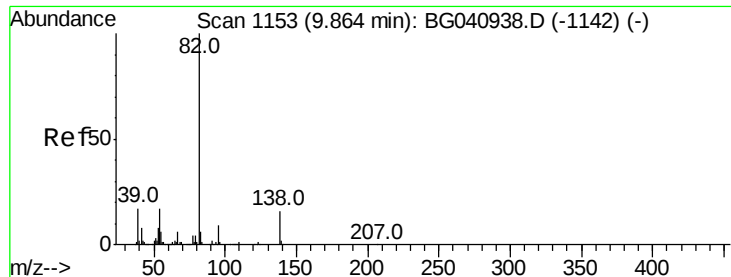
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	77	Resp:	213023
Ion Ratio	Lower	Upper	
77	100		
123	40.0	30.6	46.0
65	15.3	12.3	18.5





#25

Isophorone

Concen: 42.608 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

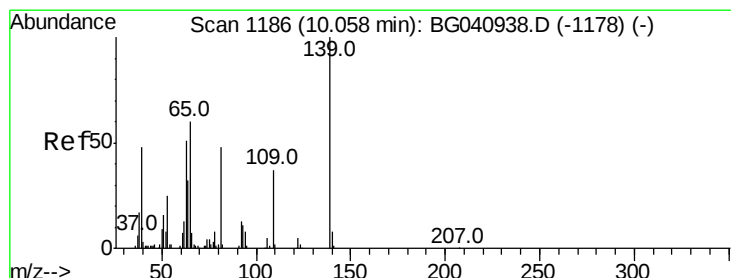
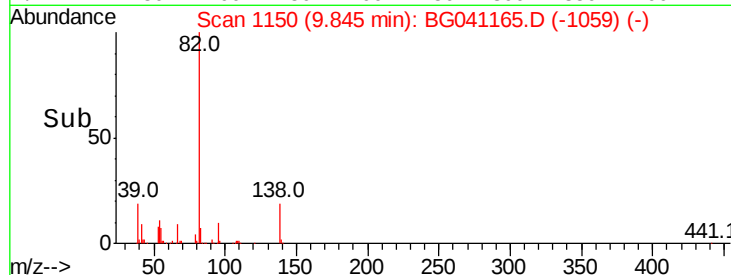
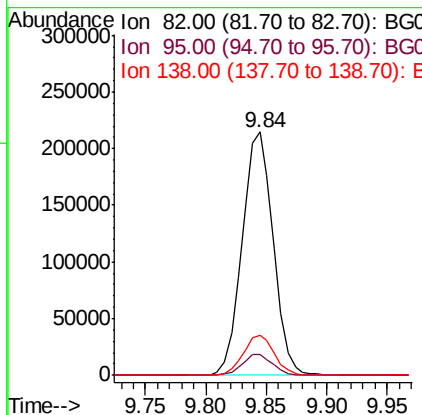
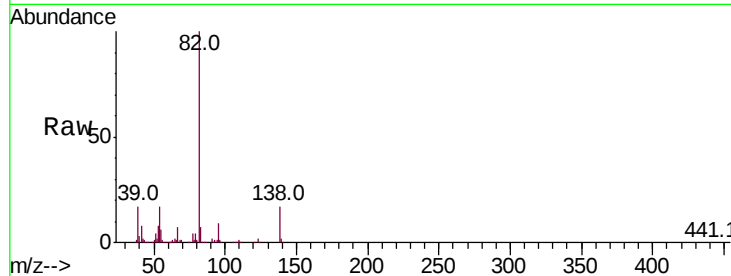
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	383838
Ion Ratio	Lower	Upper	
82	100		
95	8.6	7.0	10.4
138	16.5	12.6	19.0

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#26

2-Nitrophenol

Concen: 46.616 ng

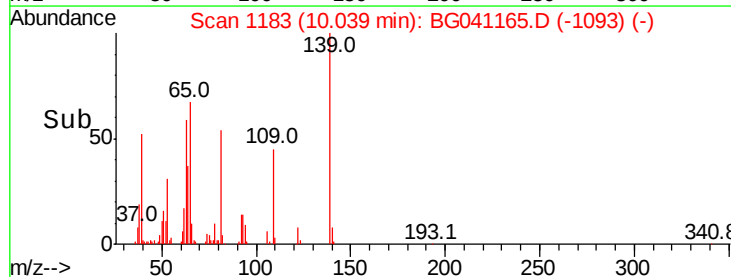
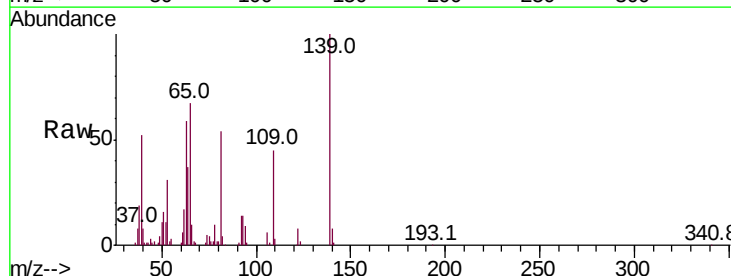
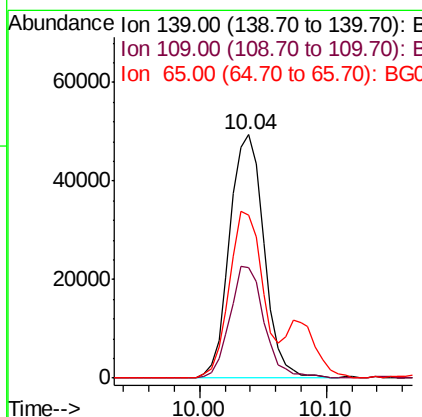
RT: 10.04 min Scan# 1183

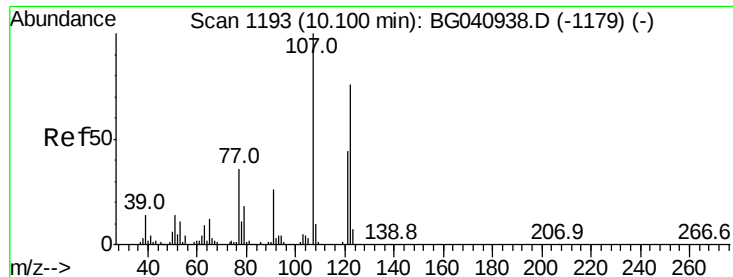
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	139	Resp:	92705
Ion Ratio	Lower	Upper	
139	100		
109	45.4	29.8	44.6#
65	67.2	47.8	71.6





#27

2,4-Dimethylphenol

Concen: 42.395 ng

RT: 10.08 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

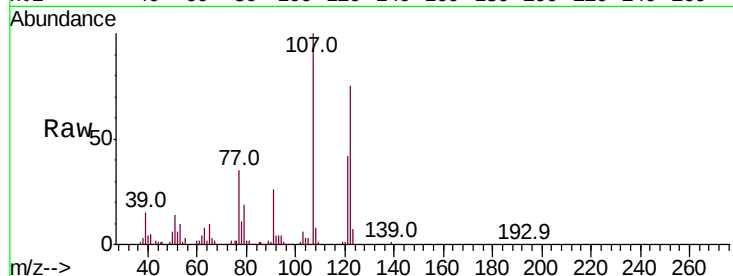
ClientSampled :

SSTDCCC040

Tot Ion:	122	Resp:	139245
Ion Ratio	Lower	Upper	
122	100		
107	133.6	105.9	158.9
121	56.4	46.2	69.4

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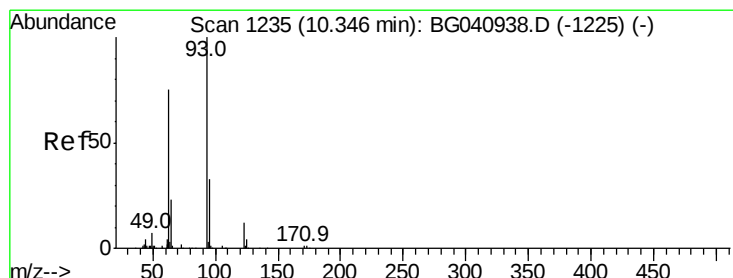
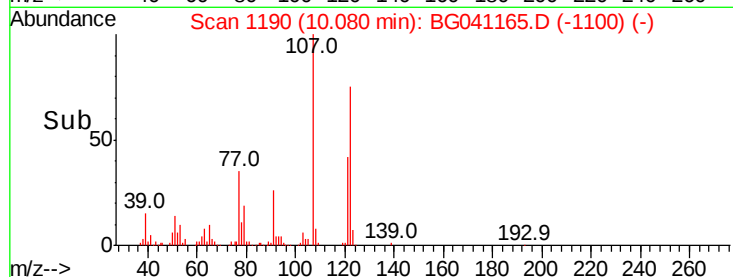
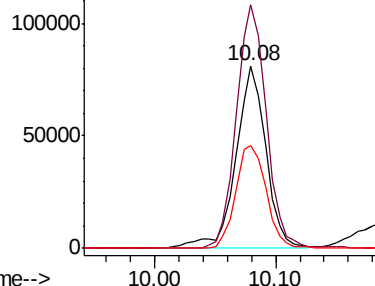


Abundance

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: 43.180 ng

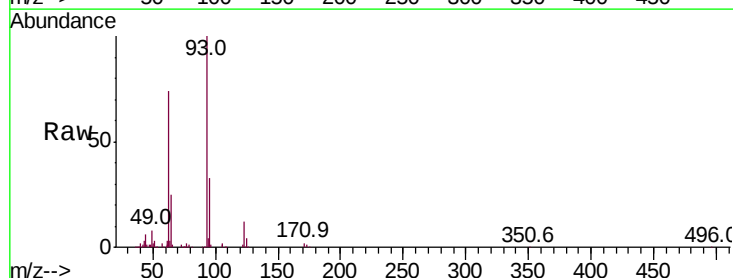
RT: 10.33 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	93	Resp:	209947
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.2	39.2
123	11.7	9.5	14.3

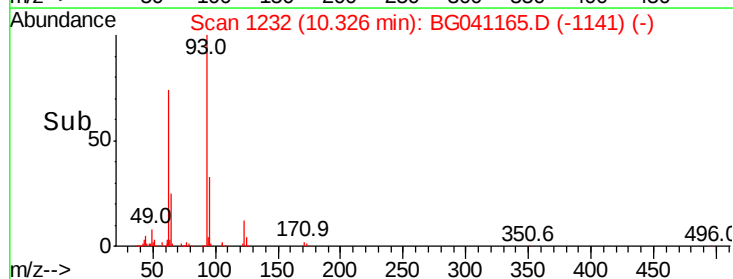
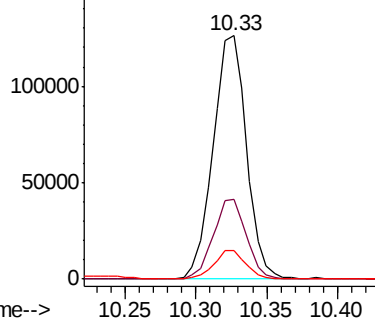


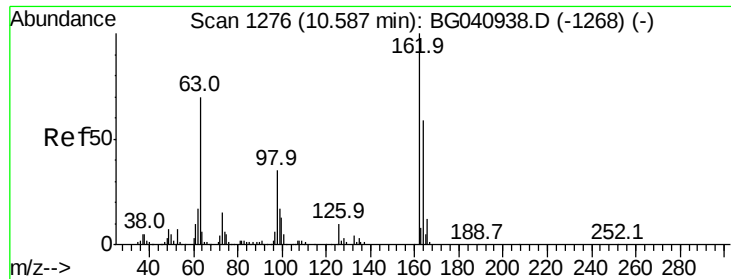
Abundance

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





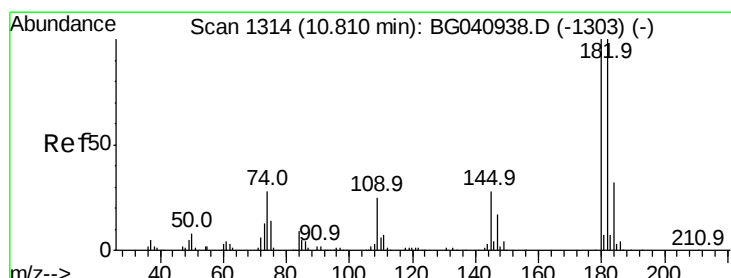
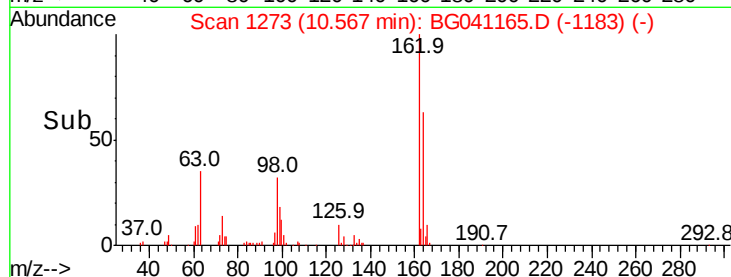
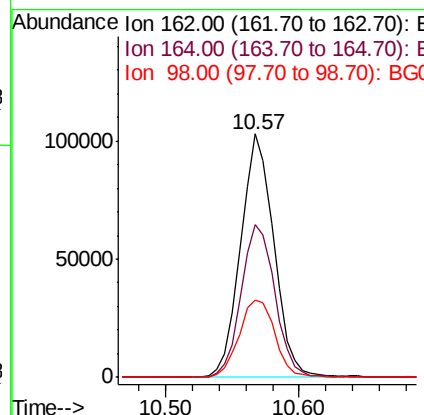
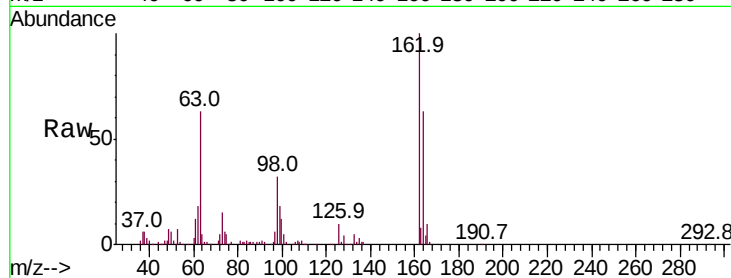
#29
2,4-Dichlorophenol
Concen: 42.567 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	39.4	79.4
98	31.6	15.3	55.3

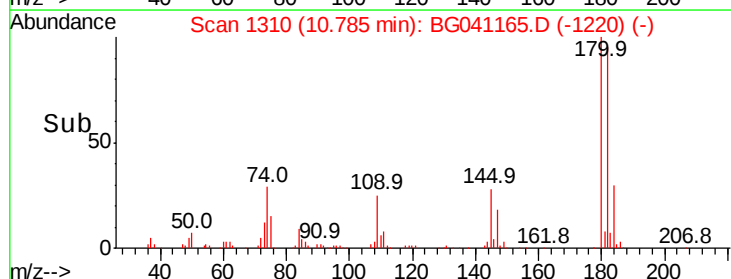
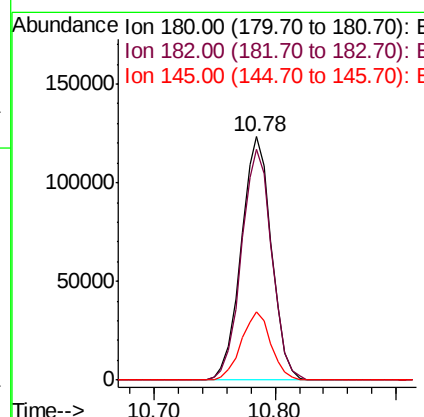
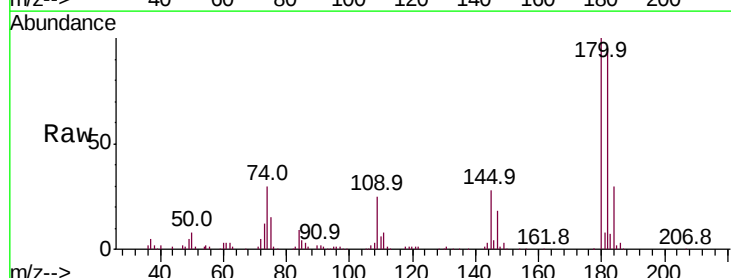
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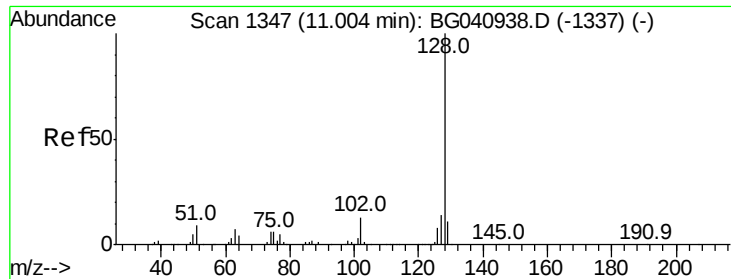
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.270 ng
RT: 10.78 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	79.7	119.5
145	28.2	22.6	34.0





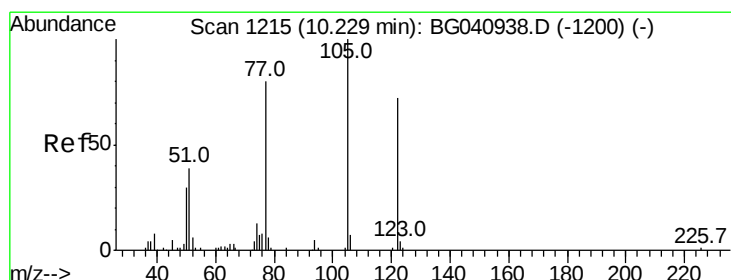
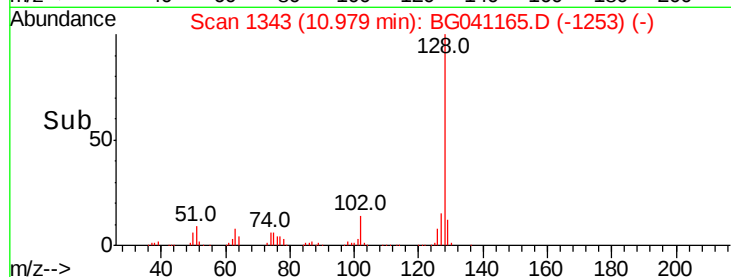
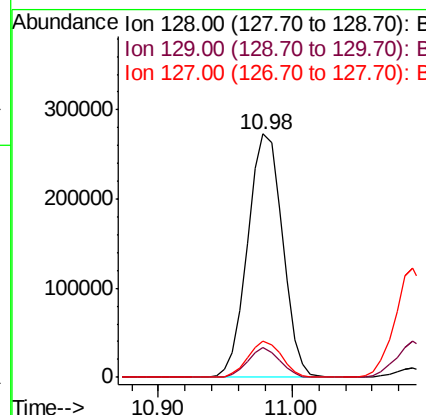
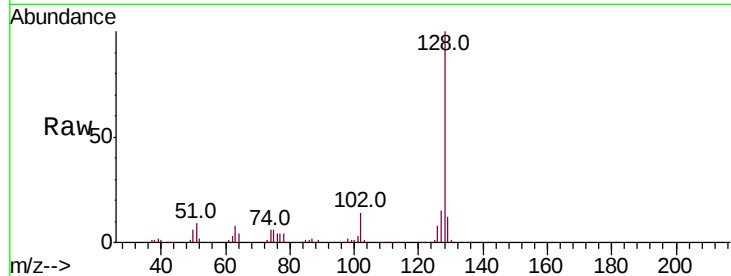
#31
Naphthalene
Concen: 43.649 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.5	12.7
127	14.7	11.4	17.2

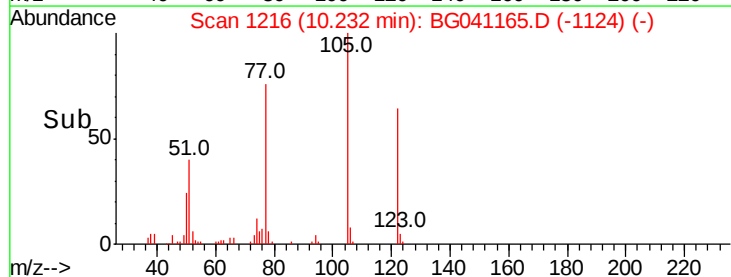
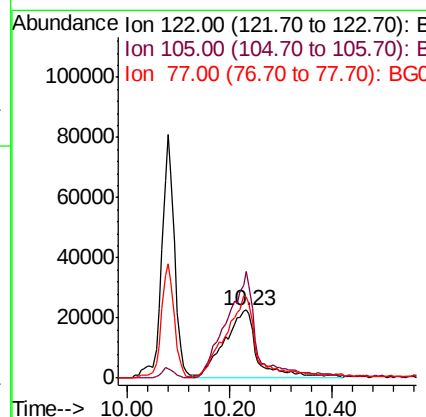
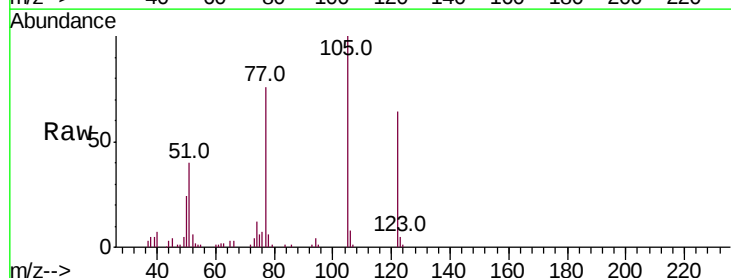
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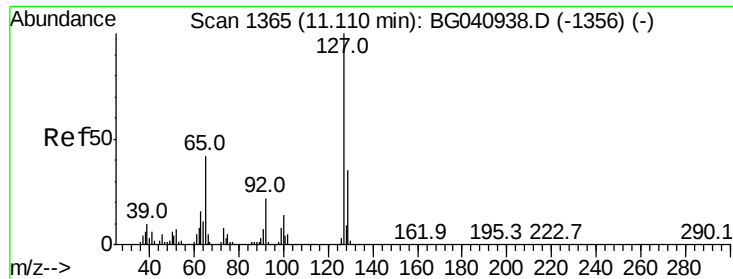
mohammad
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#32
Benzoic acid
Concen: 42.050 ng m
RT: 10.23 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	157.5	114.8	154.8#
77	120.1	89.9	129.9





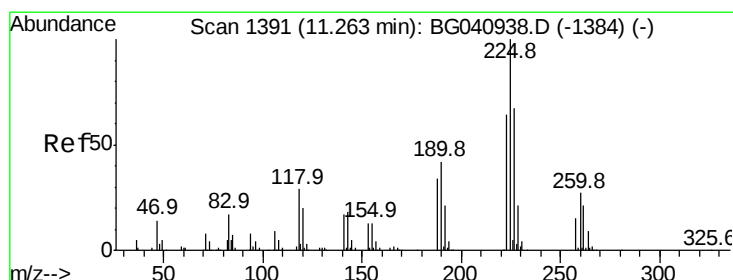
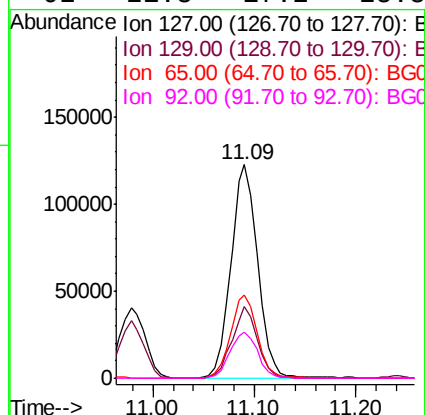
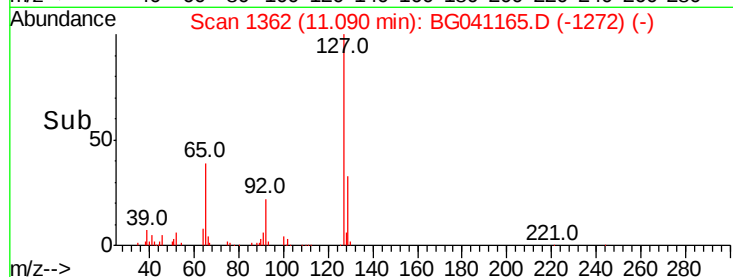
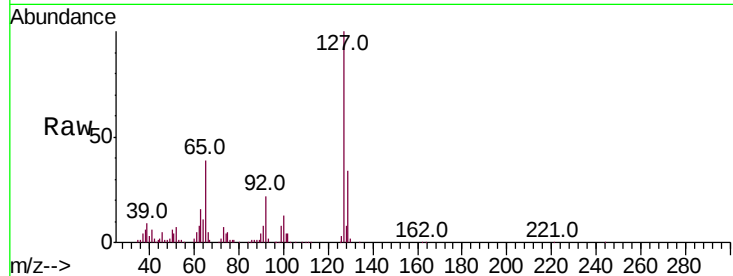
#33
4-Chloroaniline
Concen: 42.816 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	27.7	41.5
65	39.0	33.2	49.8
92	21.8	17.2	25.8

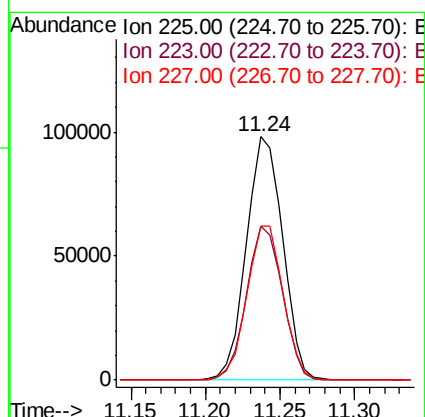
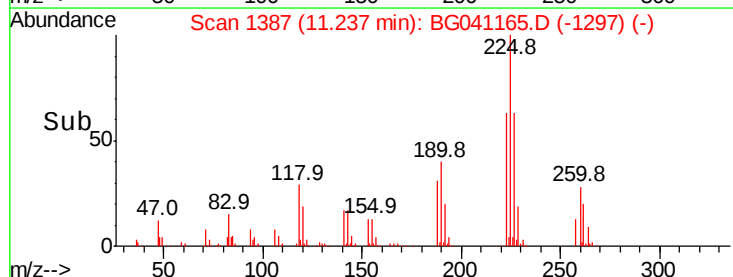
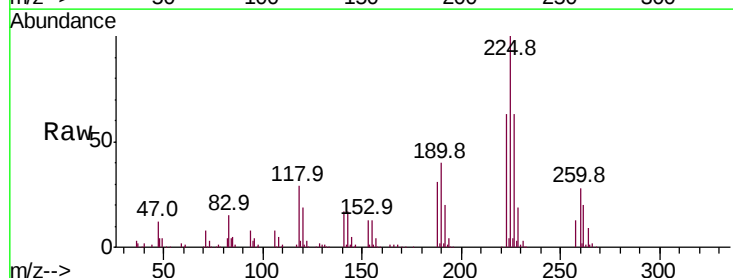
Manual Integrations
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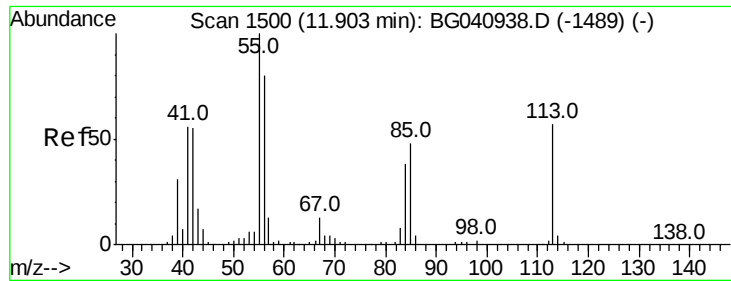
mohammad
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#34
Hexachlorobutadiene
Concen: 45.534 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	63.0	51.4	77.0





#35

Caprolactam

Concen: 40.652 ng

RT: 11.90 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 55991

Ion Ratio Lower Upper

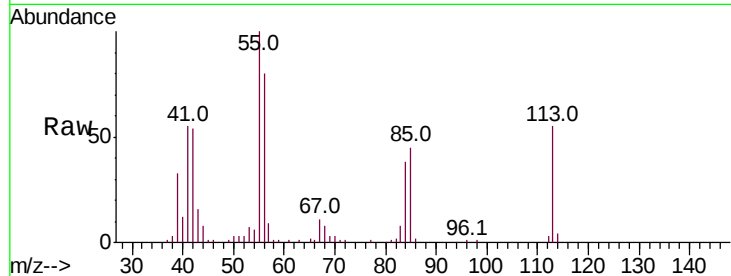
113 100

55 181.9 155.9 195.9

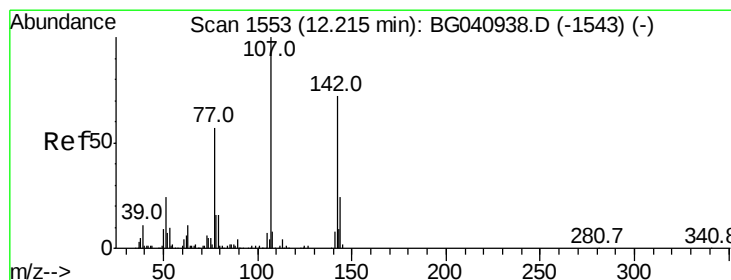
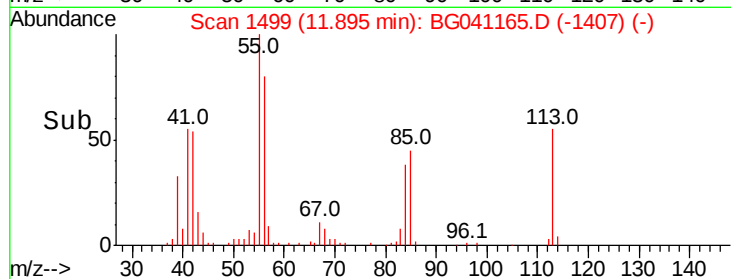
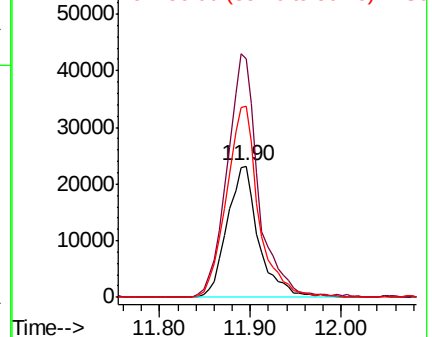
56 145.4 119.9 159.9

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.380 ng

RT: 12.19 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

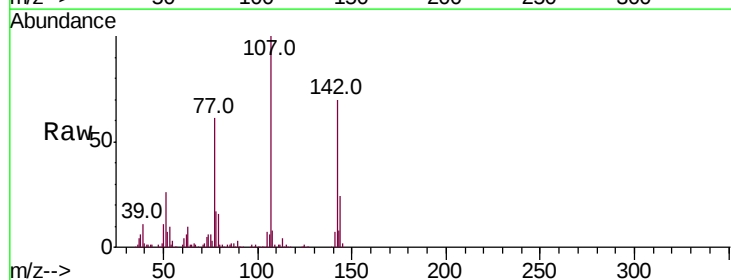
Tgt Ion:107 Resp: 197109

Ion Ratio Lower Upper

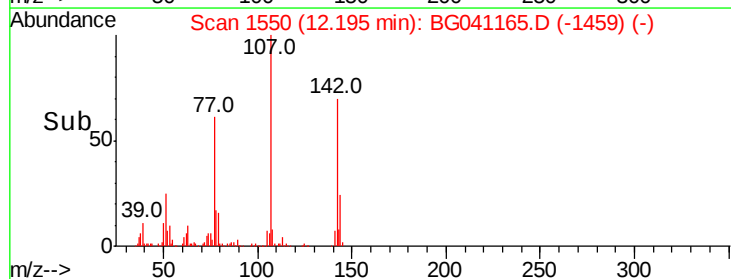
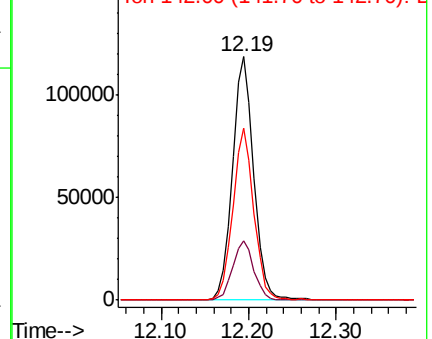
107 100

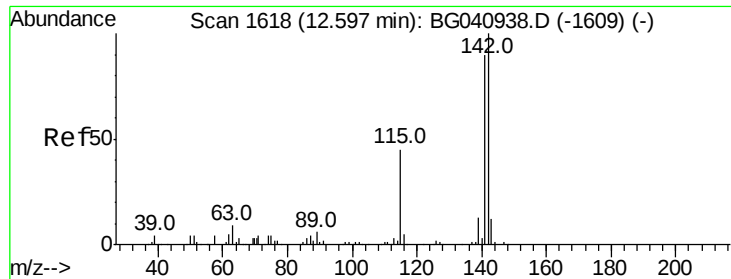
144 24.2 19.4 29.0

142 70.4 57.3 85.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





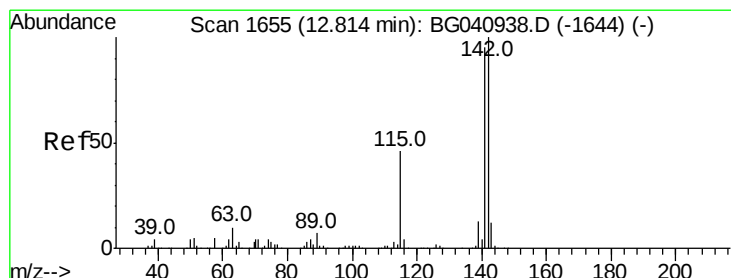
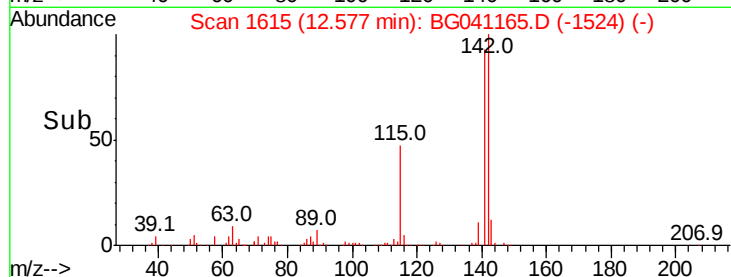
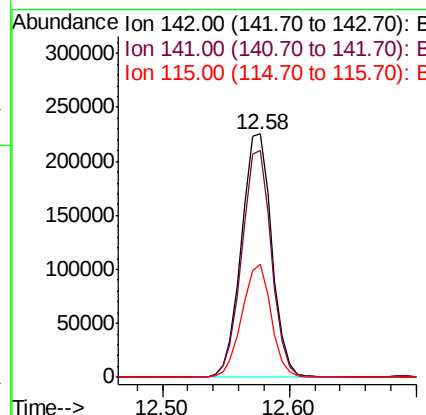
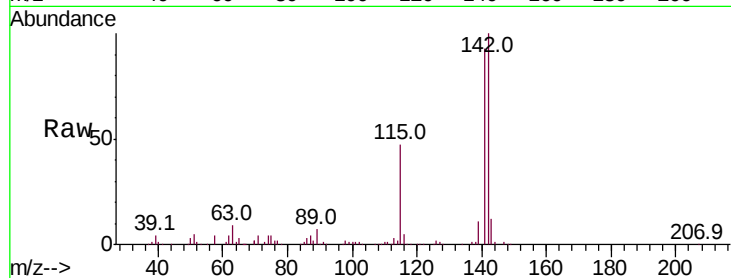
#37
2-Methylnaphthalene
Concen: 43.086 ng
RT: 12.58 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.2	108.4
115	46.6	36.2	54.4

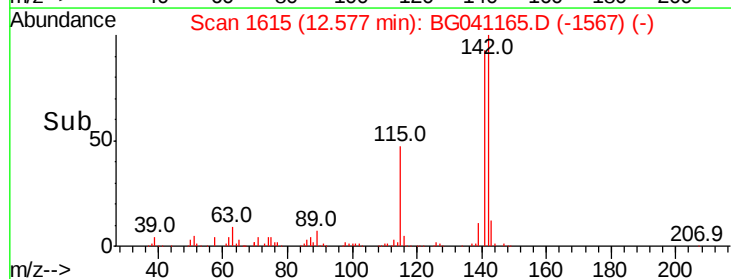
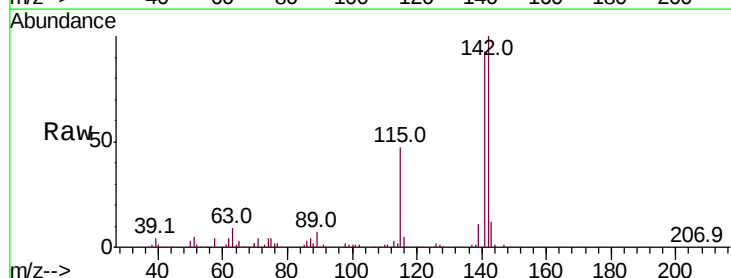
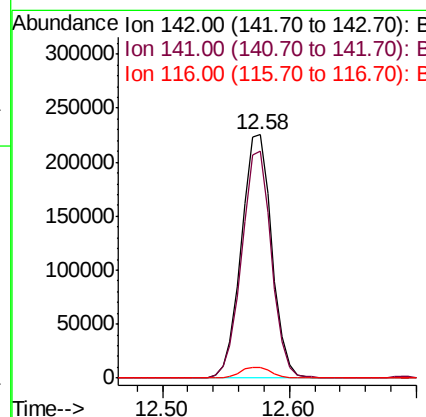
Manual Integrations
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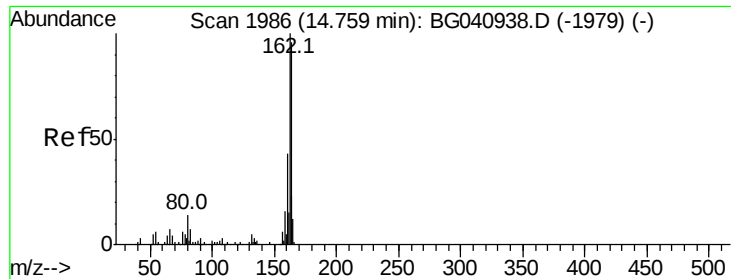
mohammad
6/14/2019 8:39:56 AM



#38
1-Methylnaphthalene
Concen: 45.723 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.22 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.7	113.5
116	4.6	3.4	5.2





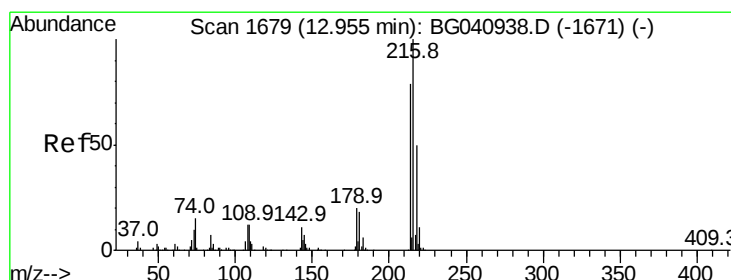
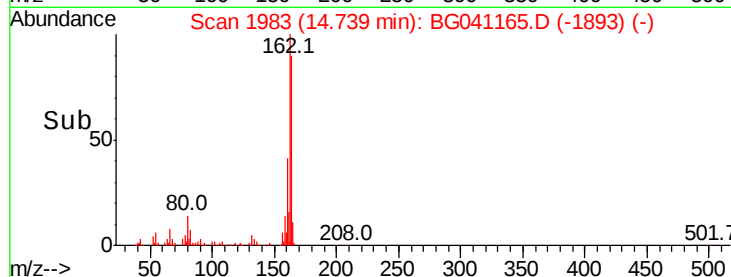
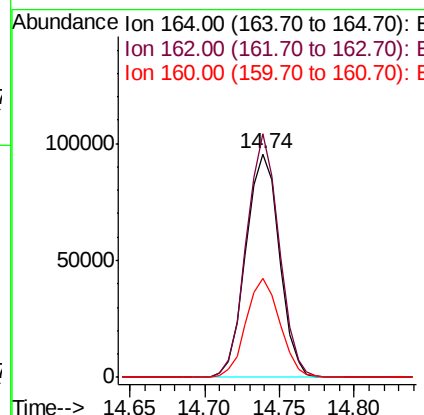
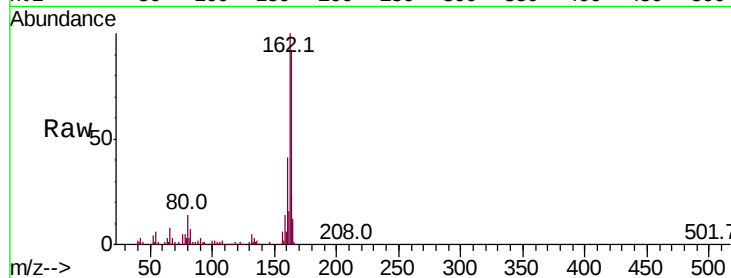
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.9	83.0	124.4
160	44.2	35.6	53.4

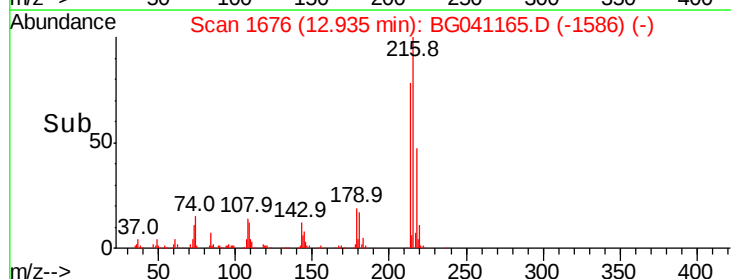
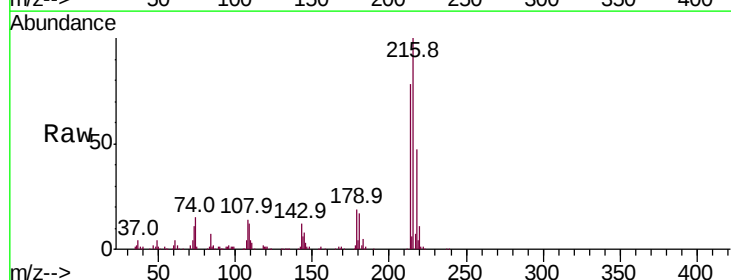
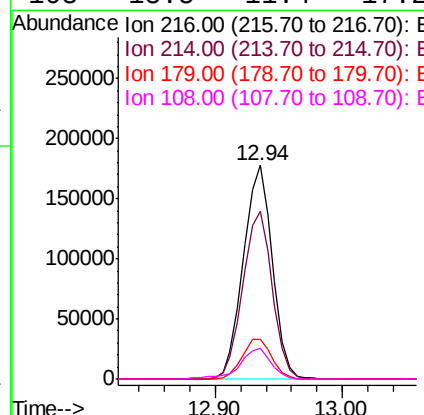
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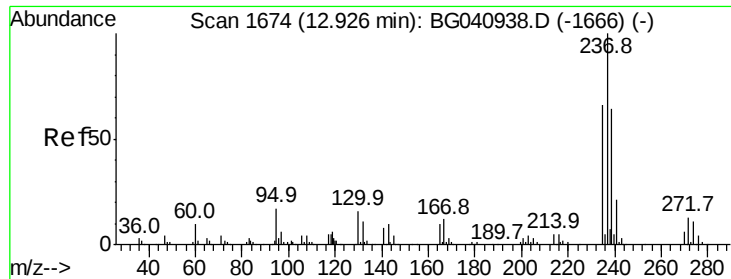
mohammad
6/14/2019 8:39:56 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.232 ng
RT: 12.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	19.1	15.2	22.8
108	15.5	11.4	17.2





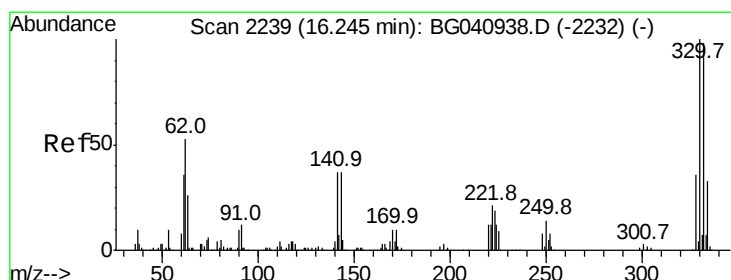
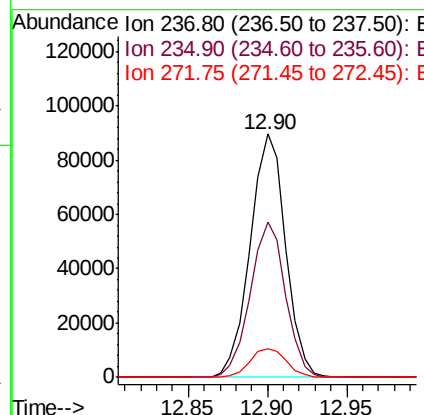
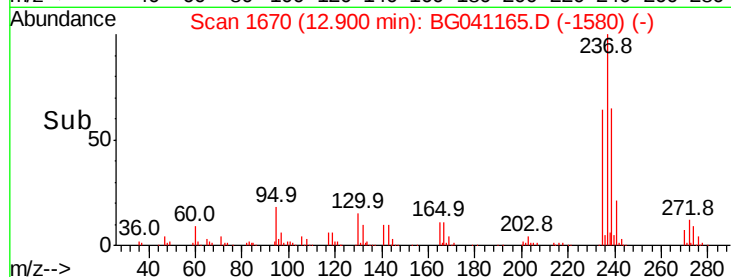
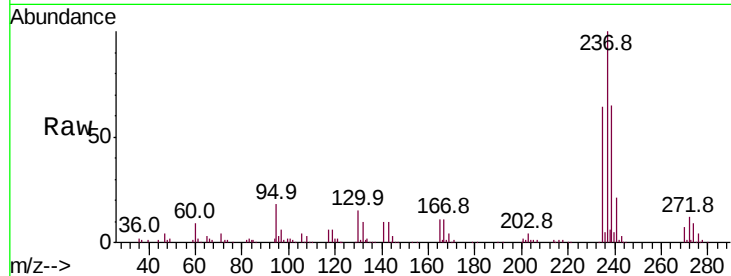
#41
Hexachlorocyclopentadiene
Concen: 46.963 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	45.5	85.5
272	12.0	0.0	32.9

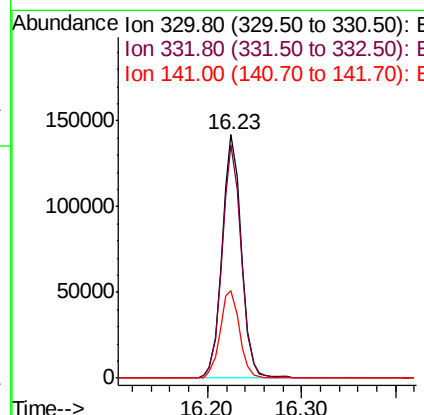
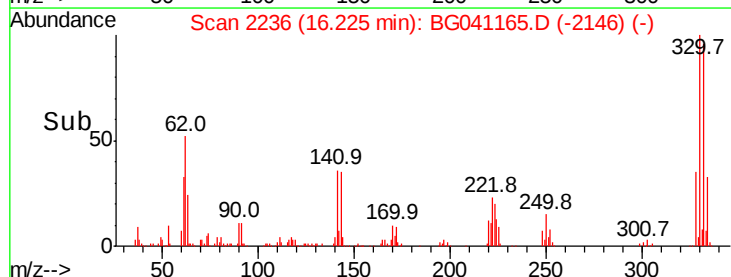
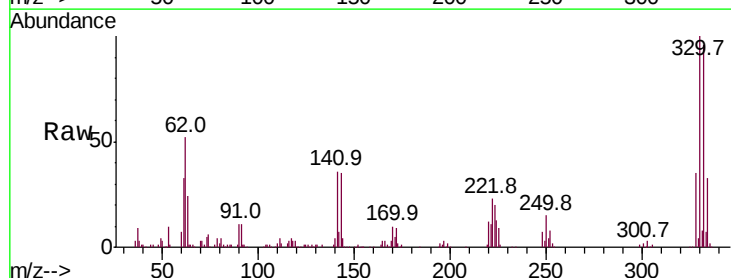
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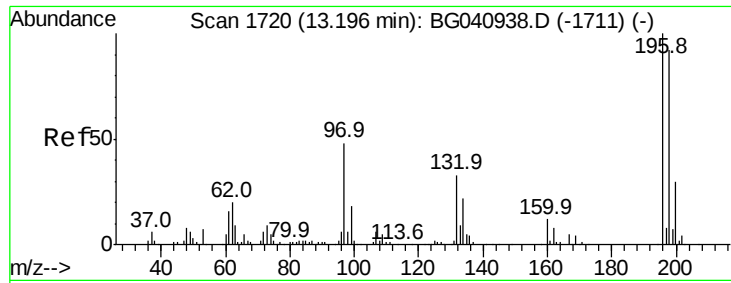
mohammad
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#42
2,4,6-Tribromophenol
Concen: 92.175 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	78.5	117.7
141	36.4	28.7	43.1





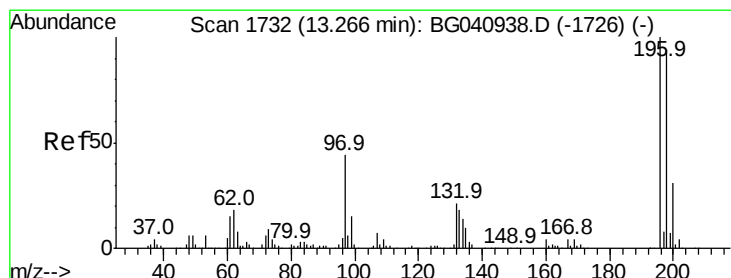
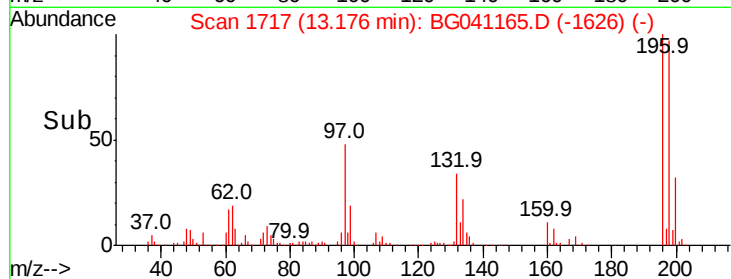
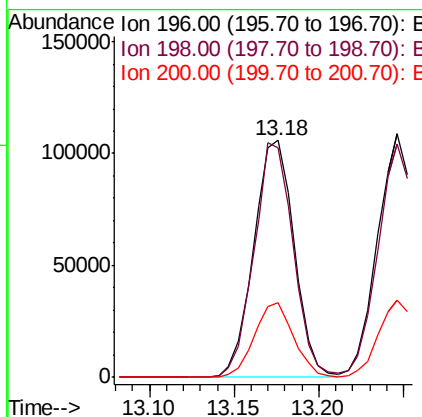
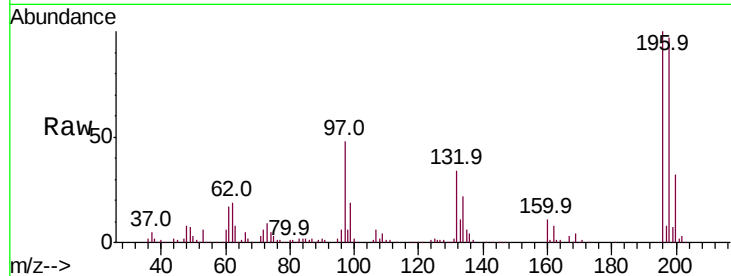
#43
 2,4,6-Trichlorophenol
 Concen: 45.387 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG041165.D
 Acq: 10 Jun 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	175504		
198	97.0	73.8	110.6	
200	31.7	24.1	36.1	

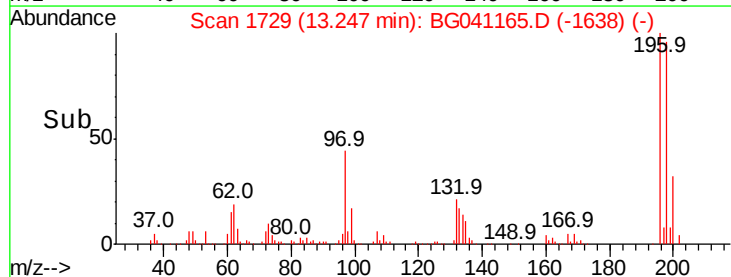
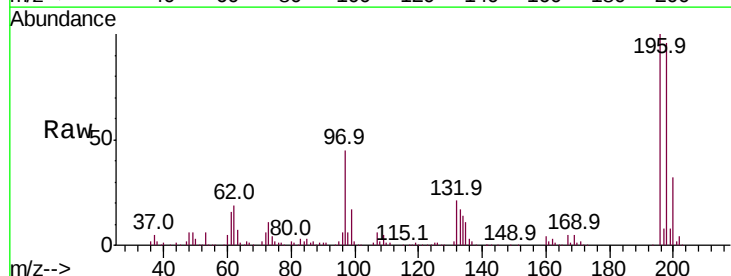
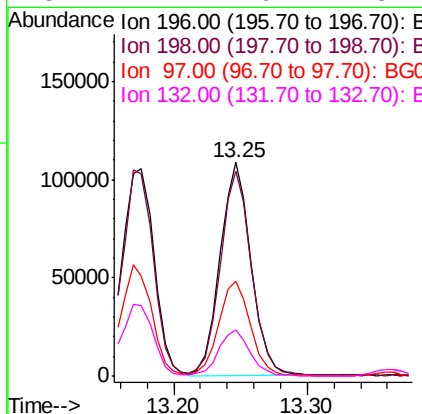
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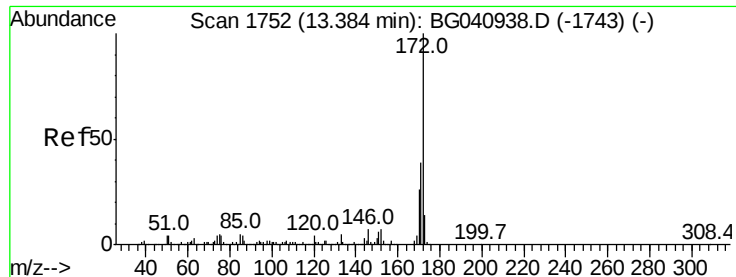
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#44
 2,4,5-Trichlorophenol
 Concen: 43.320 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041165.D
 Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176663		
198	95.7	75.1	112.7	
97	44.5	35.6	53.4	
132	21.4	16.7	25.1	





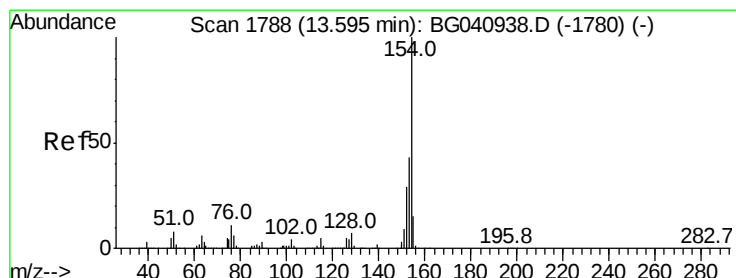
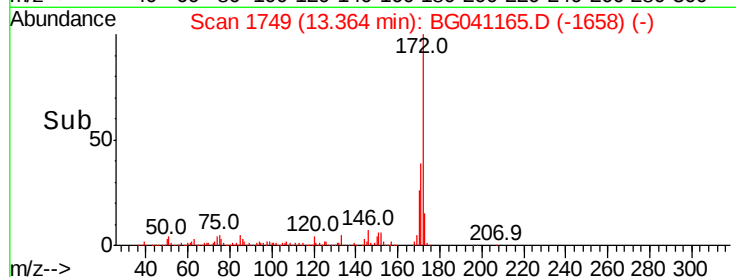
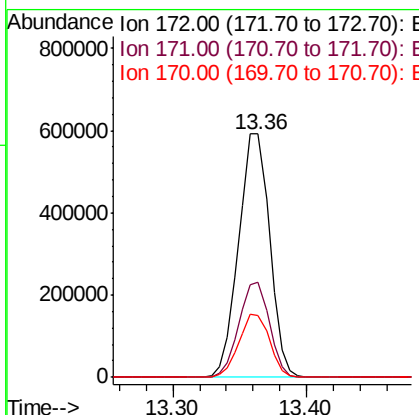
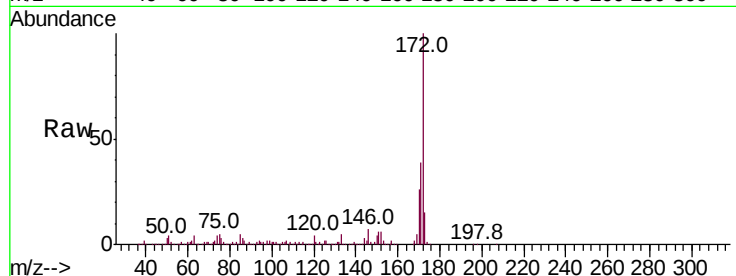
#45
2-Fluorobiphenyl
Concen: 92.663 ng
RT: 13.36 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.1	46.7
170	25.6	20.5	30.7

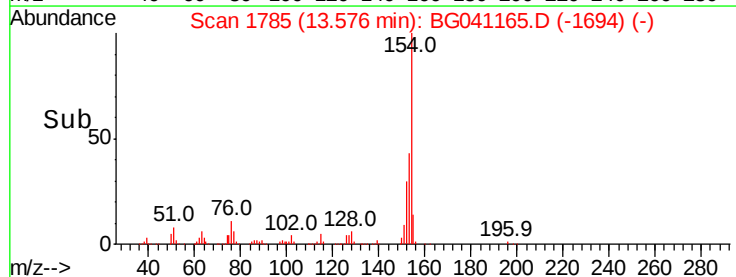
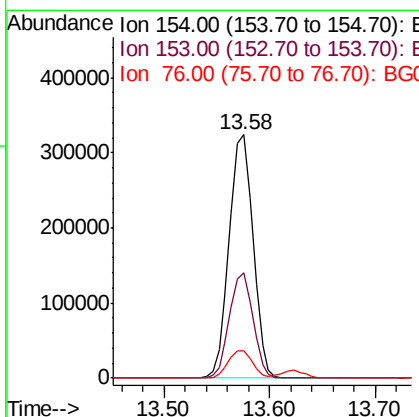
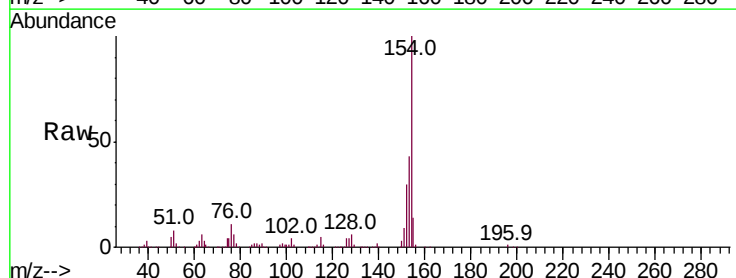
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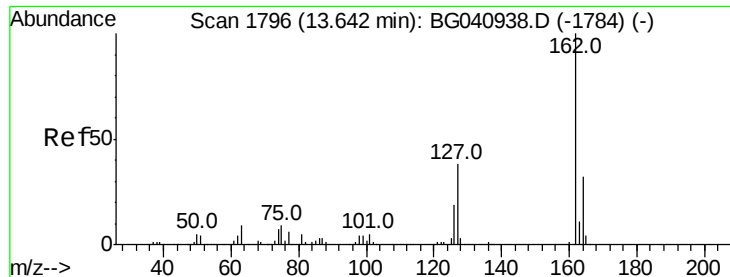
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#46
1,1'-Biphenyl
Concen: 46.094 ng
RT: 13.58 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	23.3	63.3
76	11.1	0.0	31.1





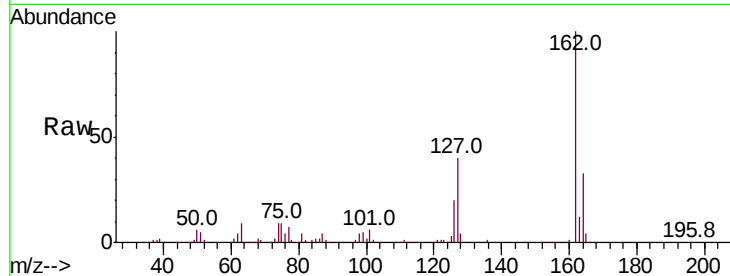
#47
2-Chloronaphthalene
Concen: 46.007 ng
RT: 13.62 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	30.5	45.7
164	32.7	25.8	38.6

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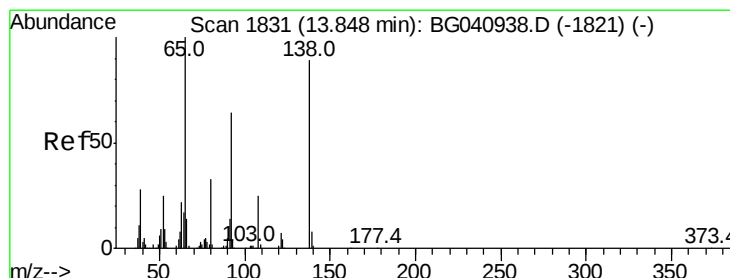
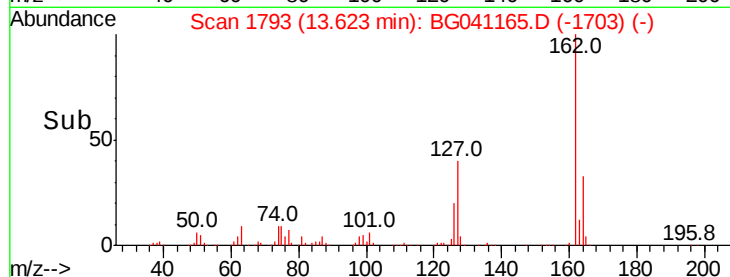
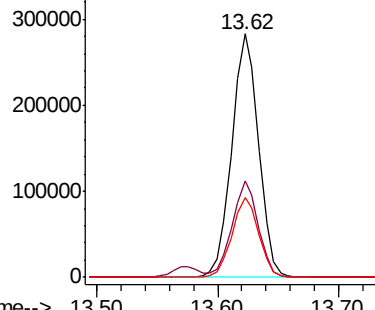


Abundance

Ion 162.00 (161.70 to 162.70): E

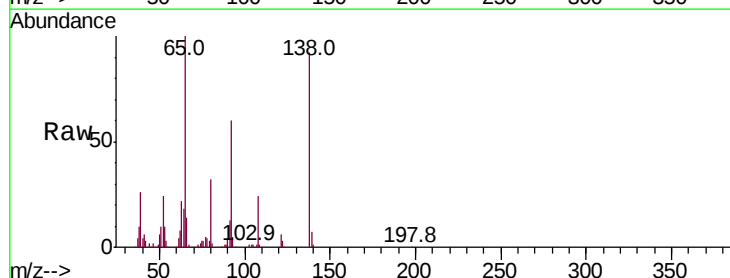
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.966 ng
RT: 13.83 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.0	51.0	76.6
138	92.3	71.2	106.8

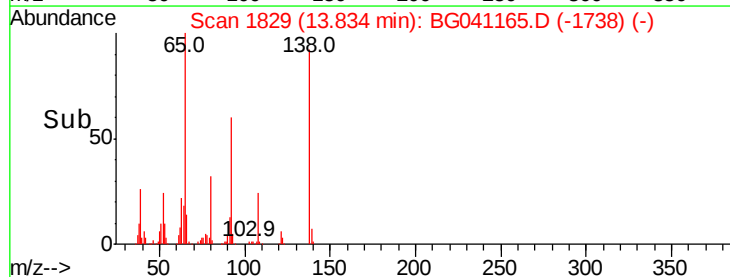
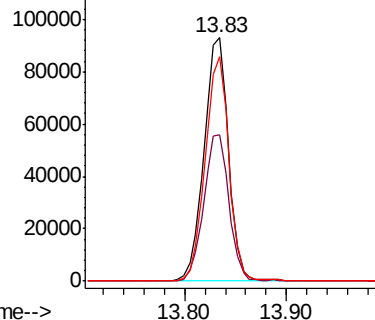


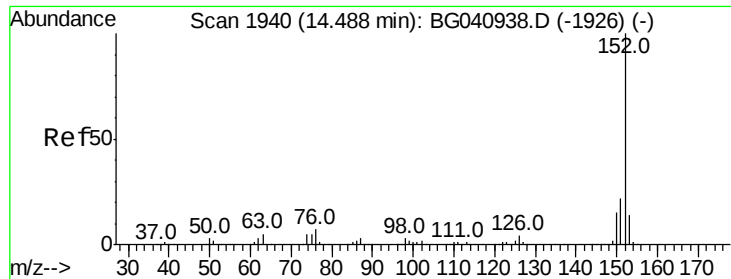
Abundance

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: 44.104 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

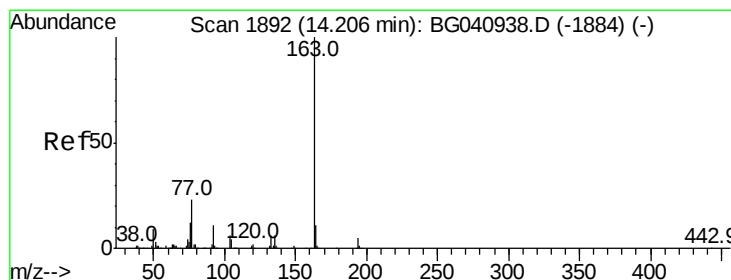
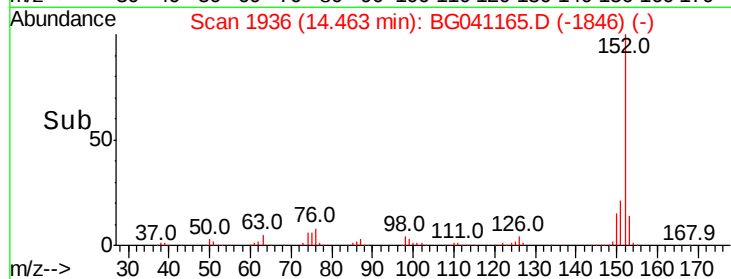
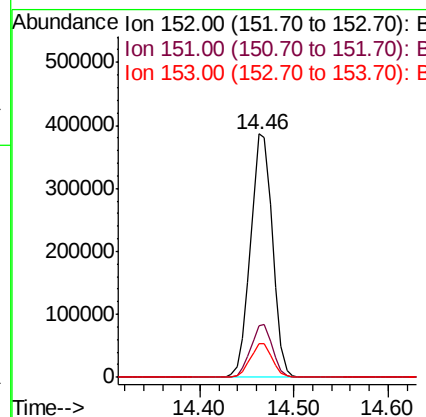
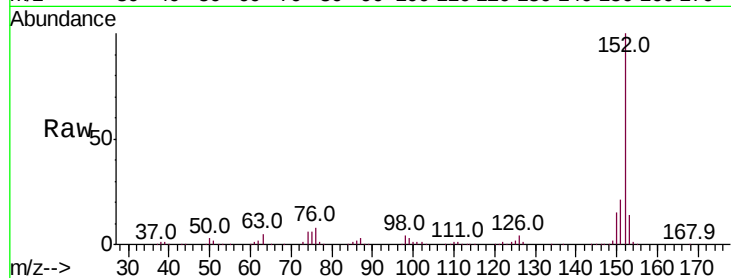
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	625553
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.4	26.0
153	13.6	11.0	16.4

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#50

Dimethylphthalate

Concen: 43.939 ng

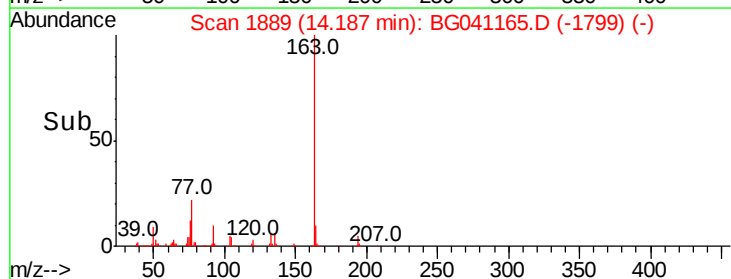
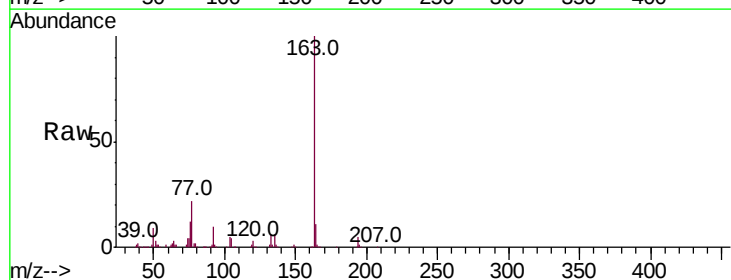
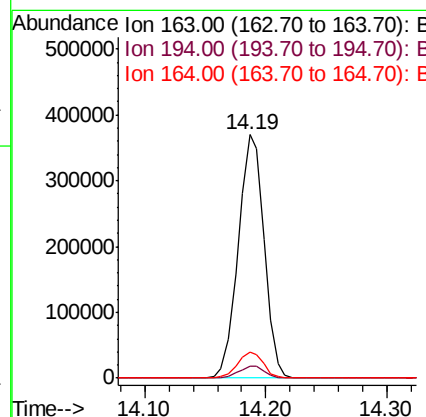
RT: 14.19 min Scan# 1889

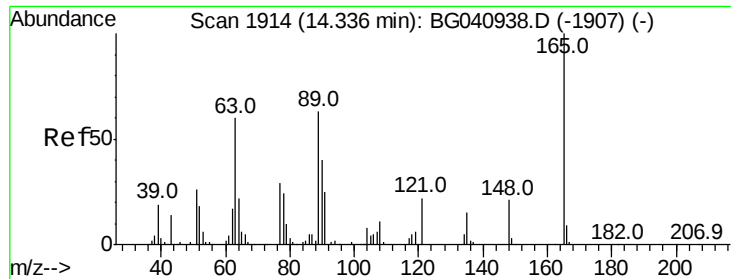
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	163	Resp:	551604
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.8	5.8
164	10.6	8.7	13.1





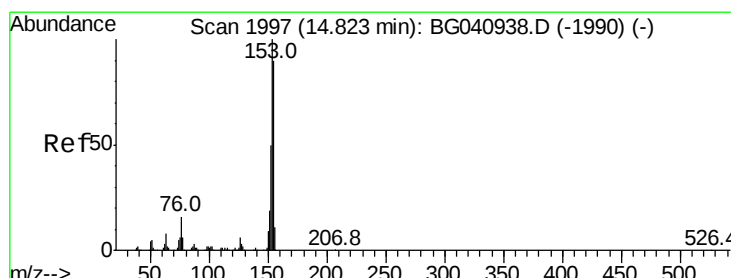
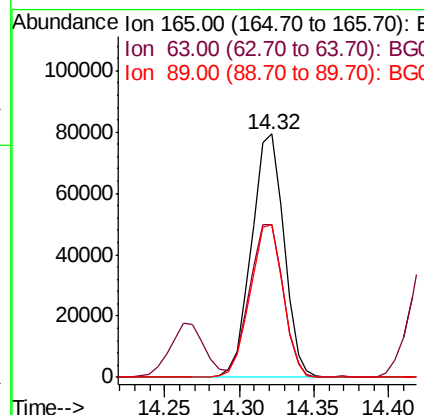
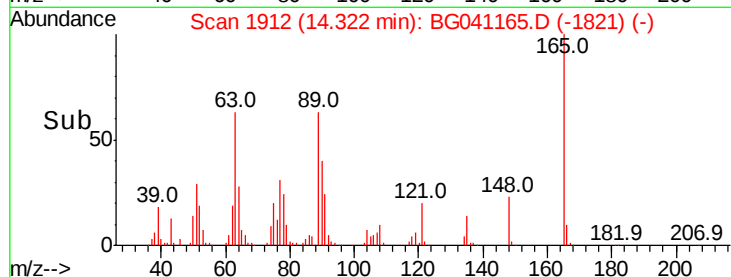
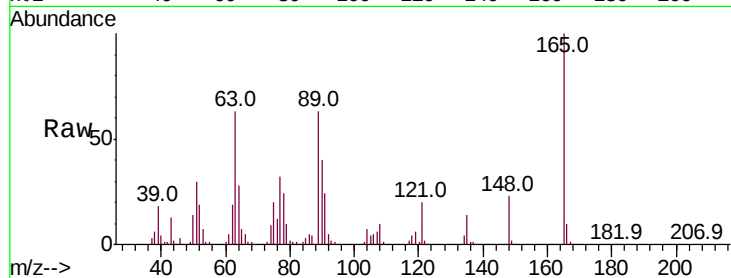
#51
2,6-Dinitrotoluene
Concen: 43.935 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.9	53.6	80.4
89	62.5	50.4	75.6

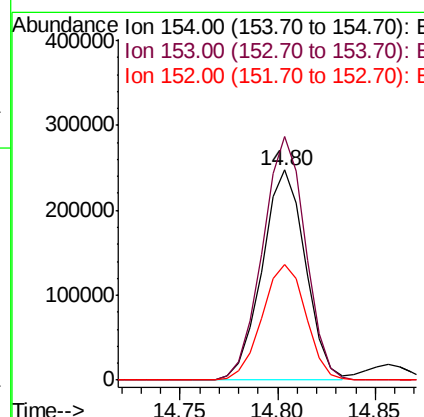
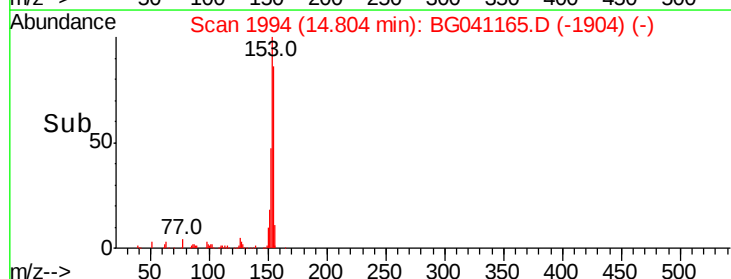
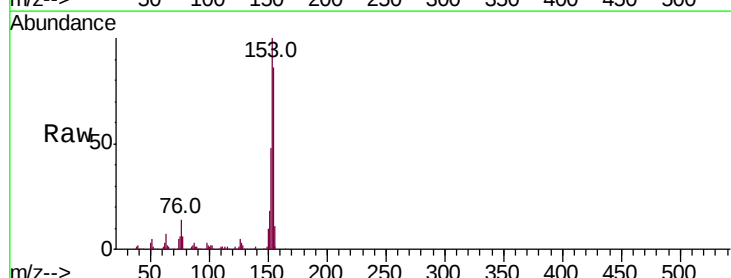
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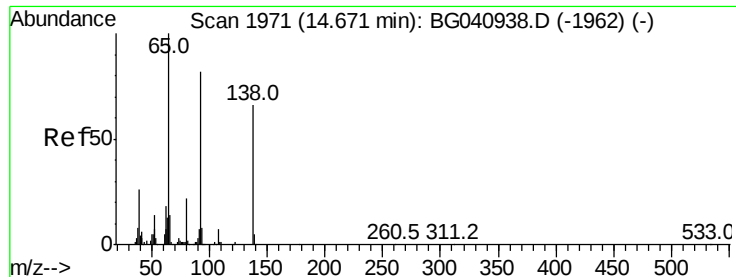
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#52
Acenaphthene
Concen: 44.188 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	88.6	133.0
152	55.3	44.2	66.4





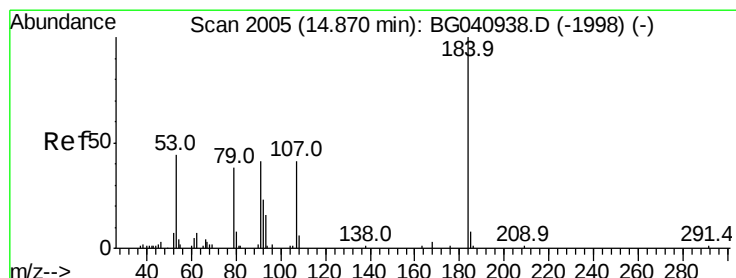
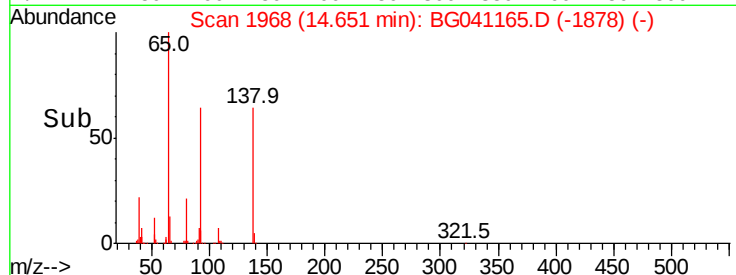
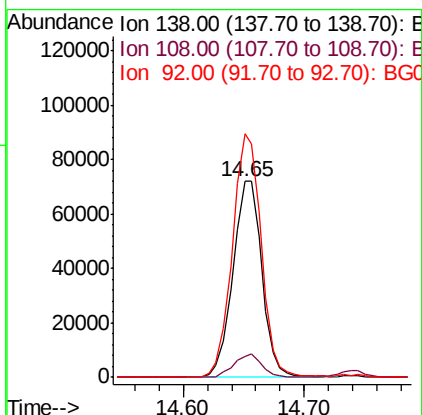
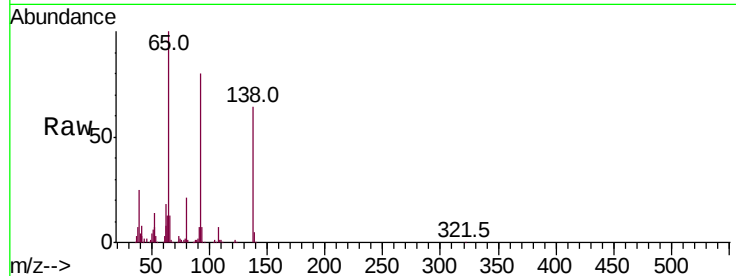
#53
3-Nitroaniline
Concen: 44.601 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.9	8.5	12.7	
92	124.2	99.0	148.6	

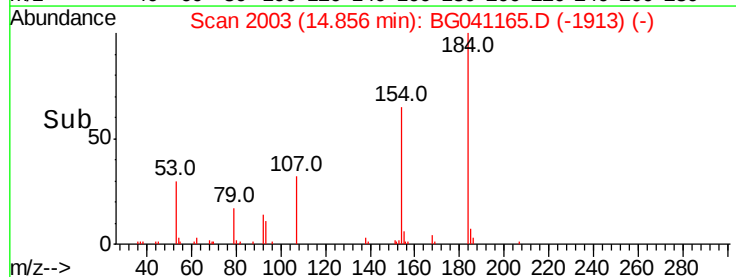
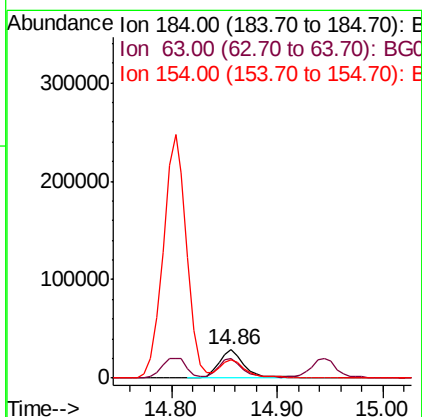
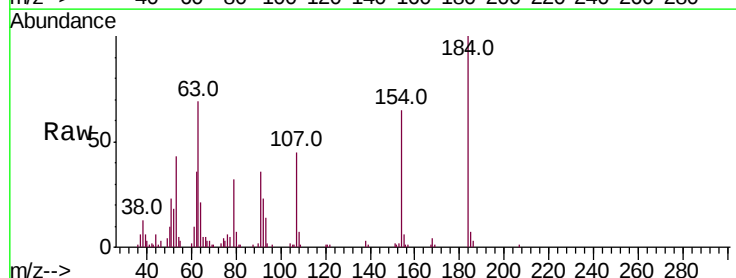
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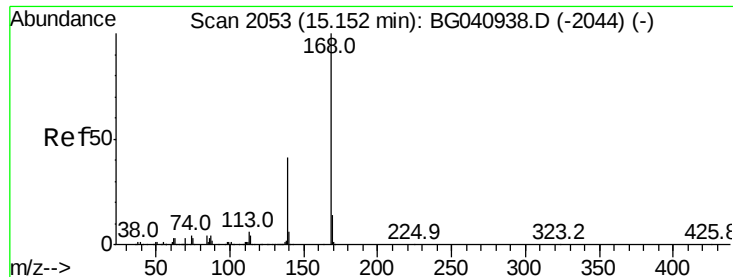
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#54
2,4-Dinitrophenol
Concen: 45.640 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.9	49.8	74.6	
154	64.7	52.2	78.4	





#55

Dibenzofuran

Concen: 44.317 ng

RT: 15.14 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

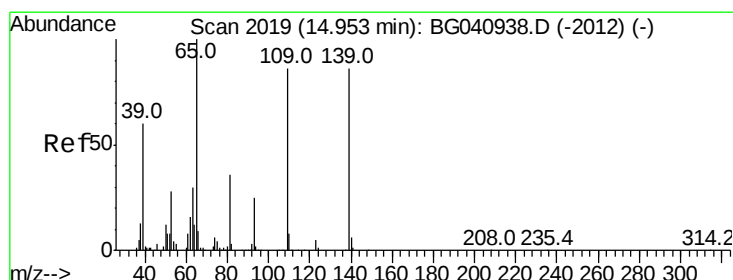
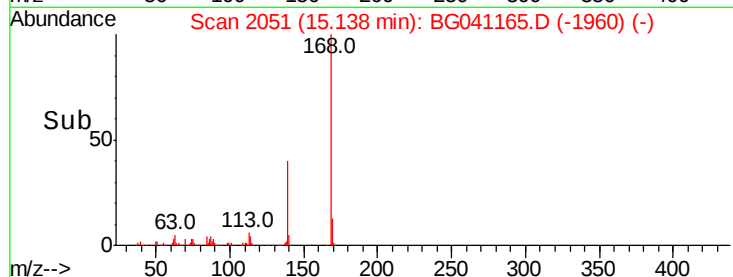
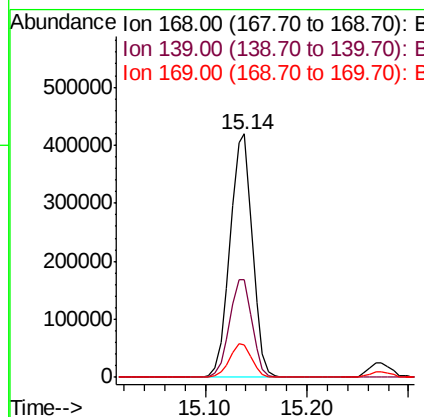
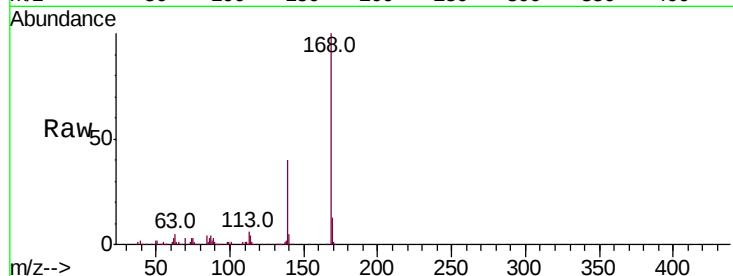
ClientSampled :

SSTDCCC040

Tot Ion:	168	Resp:	640738
Ion Ratio	Lower	Upper	
168	100		
139	40.0	32.8	49.2
169	13.5	11.3	16.9

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#56

4-Nitrophenol

Concen: 43.676 ng

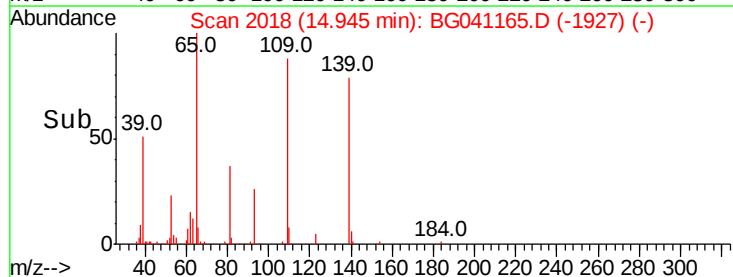
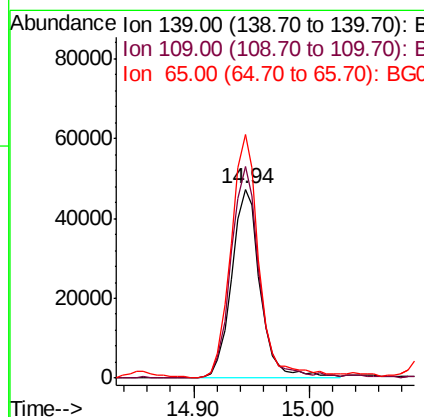
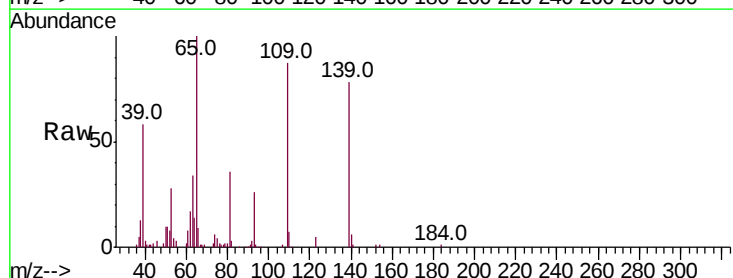
RT: 14.94 min Scan# 2018

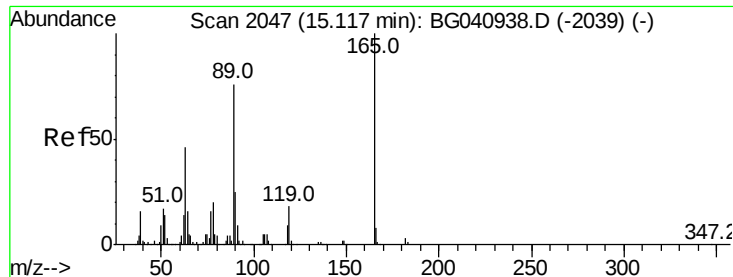
Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	139	Resp:	81083
Ion Ratio	Lower	Upper	
139	100		
109	111.7	79.6	119.6
65	128.9	96.9	136.9





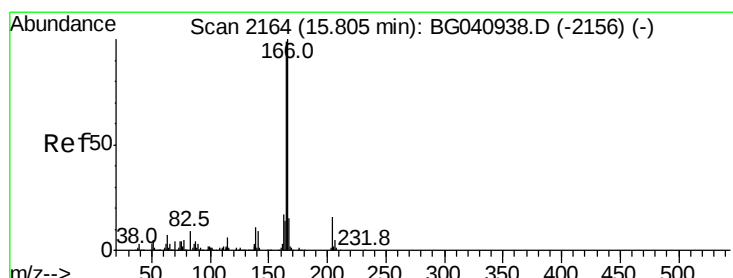
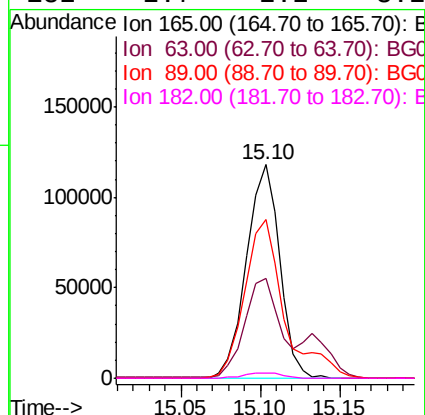
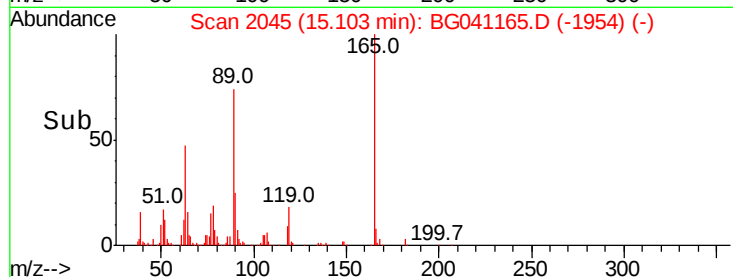
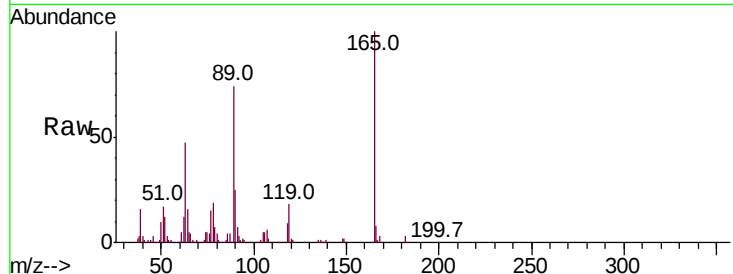
#57
2,4-Dinitrotoluene
Concen: 45.116 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	172499		
63	46.9		37.3	55.9
89	74.2		61.0	91.6
182	2.7		2.2	3.2

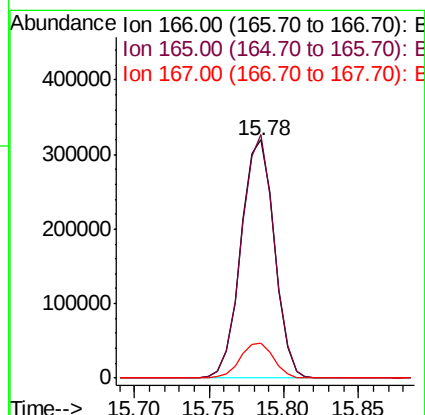
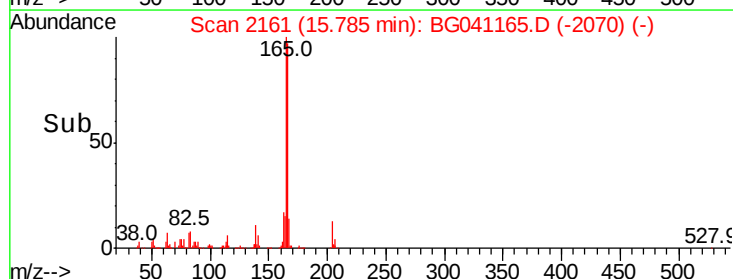
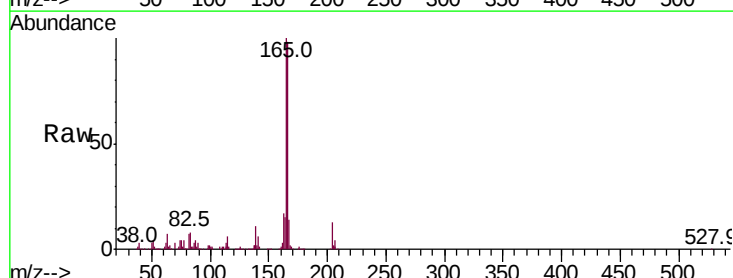
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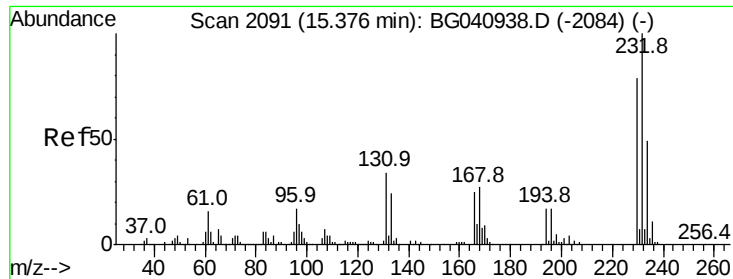
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#58
Fluorene
Concen: 43.010 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	495227		
165	102.3		79.2	118.8
167	14.7		11.8	17.6





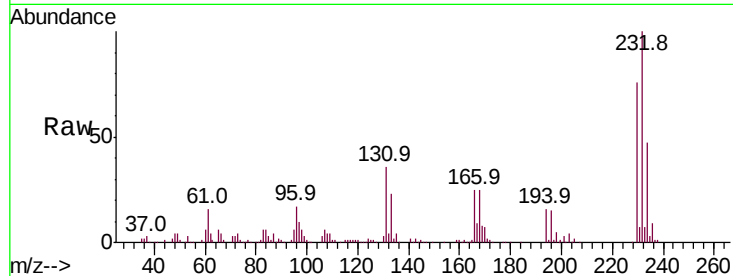
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.501 ng
RT: 15.36 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

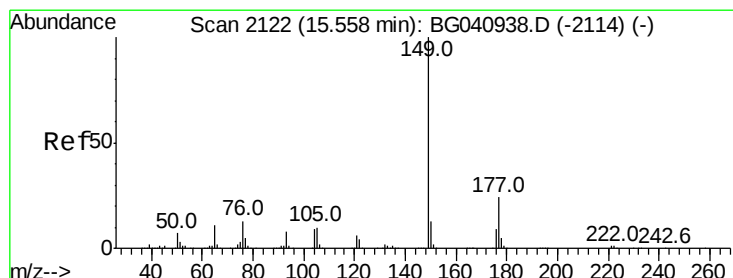
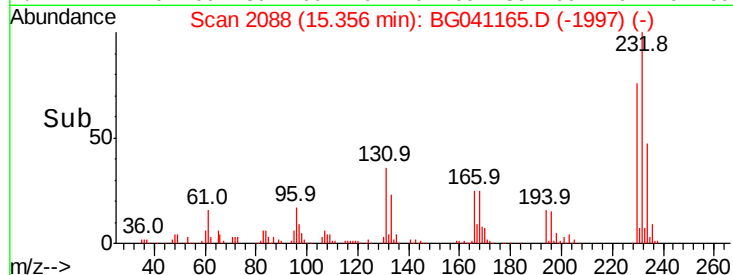
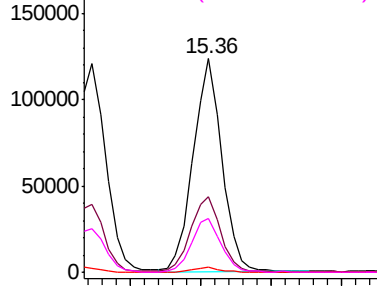
Tot Ion	Ratio	Resp	Lower	Upper
232	100	174340		
131	36.8	30.3	45.5	
130	2.4	1.8	2.8	
166	26.3	21.3	31.9	

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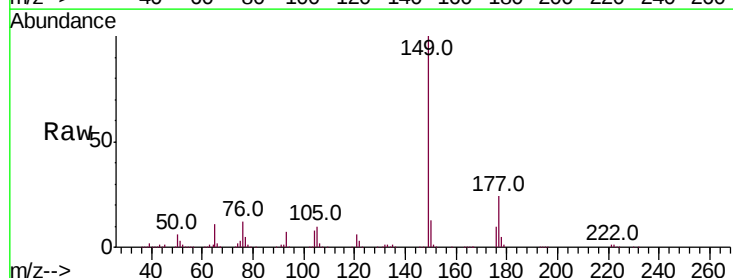


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

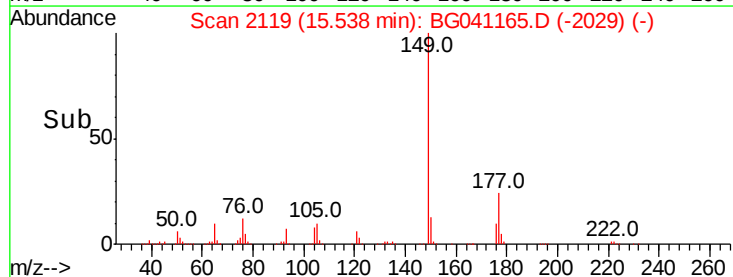
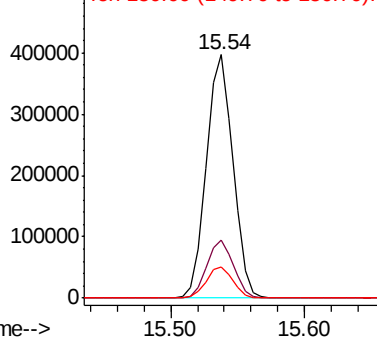


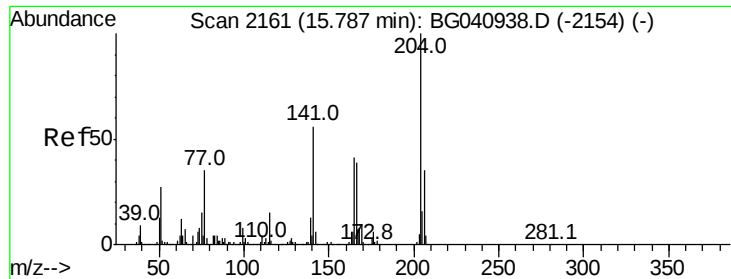
#60
Diethylphthalate
Concen: 42.763 ng
RT: 15.54 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	547851		
177	23.9	19.4	29.0	
150	12.8	10.3	15.5	



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





#61

4-Chlorophenyl-phenylether

Concen: 44.116 ng

RT: 15.77 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

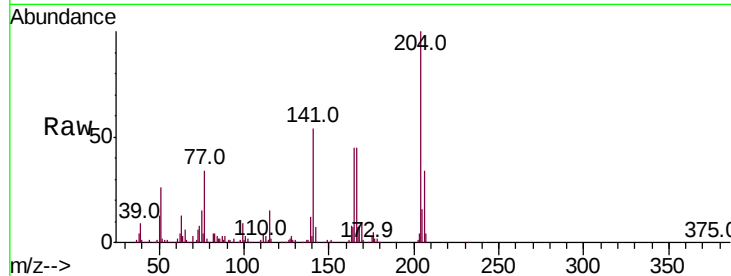
ClientSampleId :

SSTDCCC040

Tot Ion:	204	Resp:	330163
Ion Ratio	Lower	Upper	
204	100		
206	33.8	27.6	41.4
141	53.6	45.1	67.7

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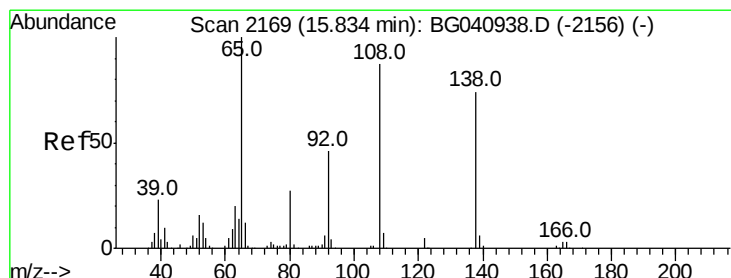
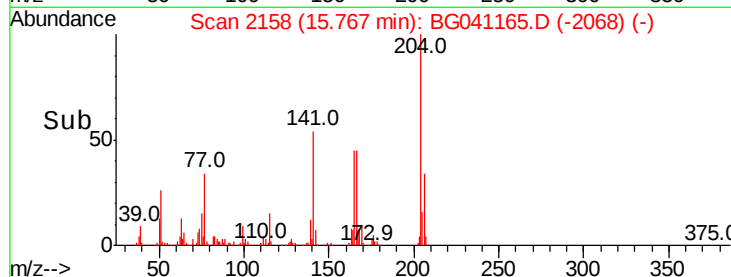
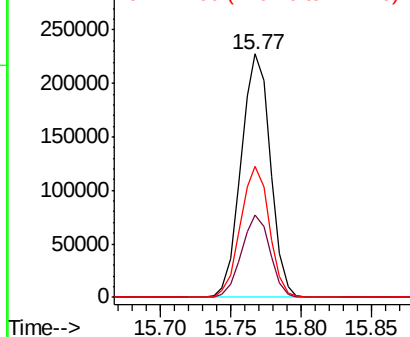


Abundance

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: 44.612 ng

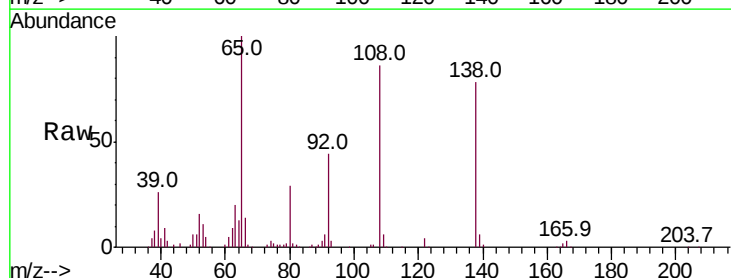
RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	138	Resp:	127832
Ion Ratio	Lower	Upper	
138	100		
92	56.7	42.4	82.4
108	111.3	96.9	136.9

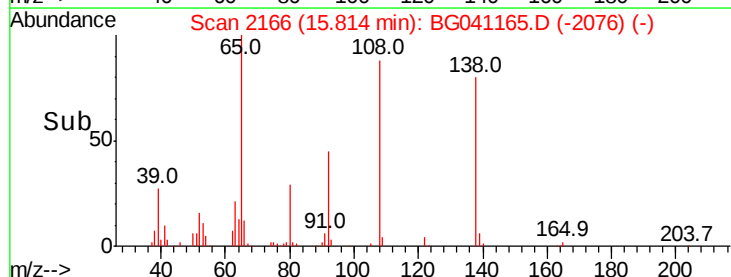
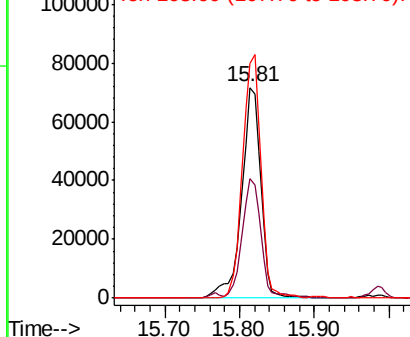


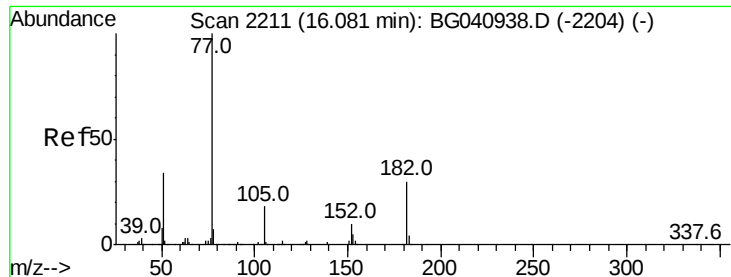
Abundance

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





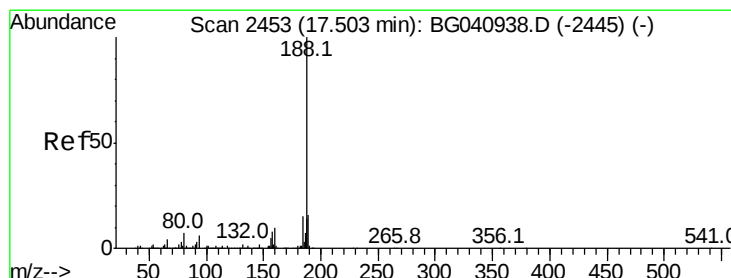
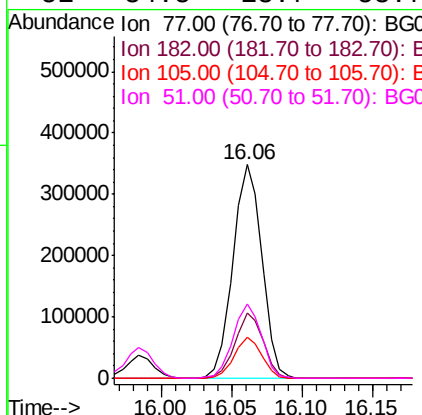
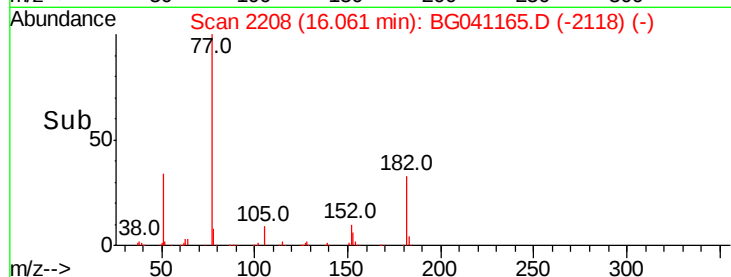
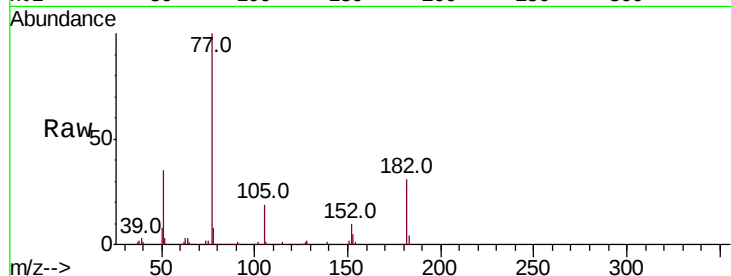
#63
Azobenzene
Concen: 42.716 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.8	9.6	49.6
105	18.9	0.0	37.5
51	34.8	13.7	53.7

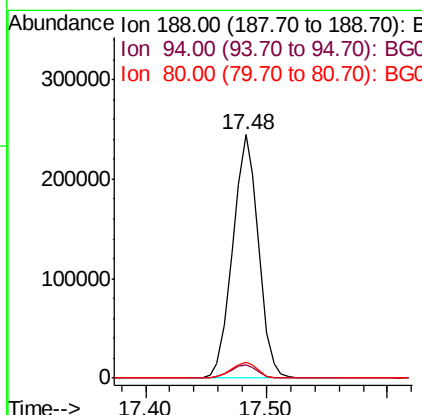
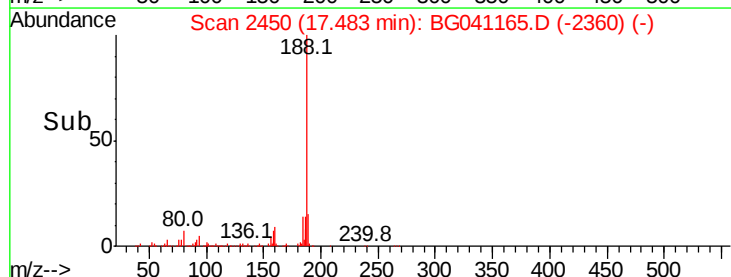
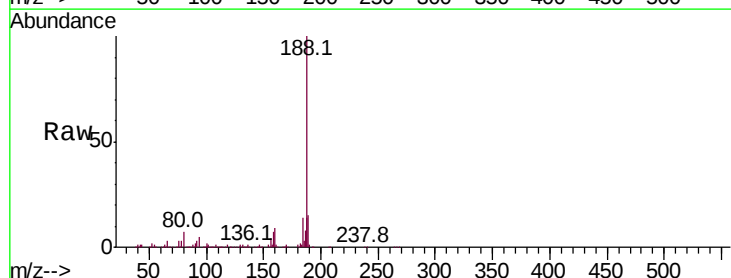
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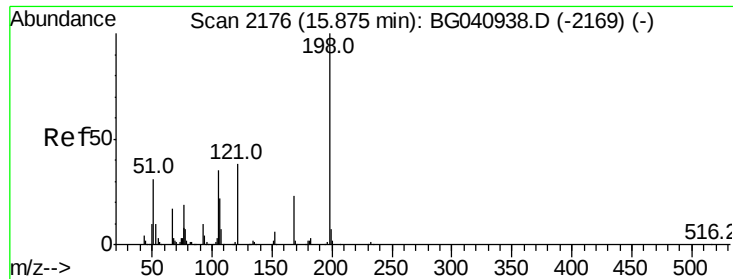
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.7	7.1
80	6.7	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 48.234 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

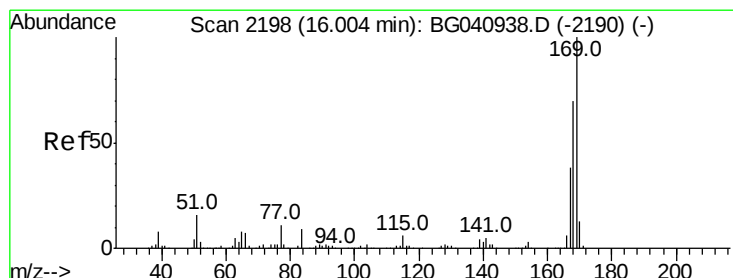
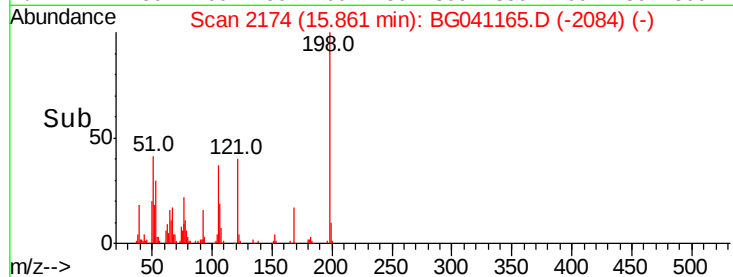
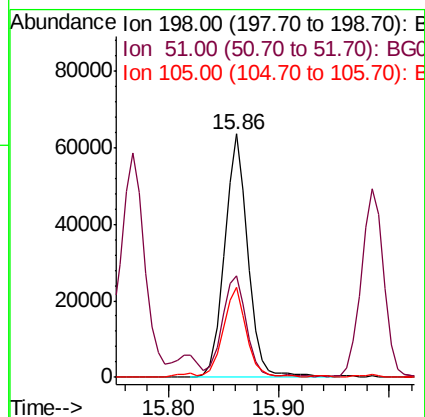
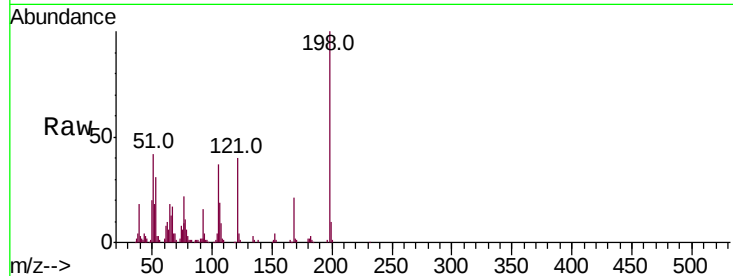
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	93719
Ion Ratio	Lower	Upper	
198	100		
51	41.6	21.6	61.6
105	37.0	17.5	57.5

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#66

n-Nitrosodiphenylamine

Concen: 44.173 ng

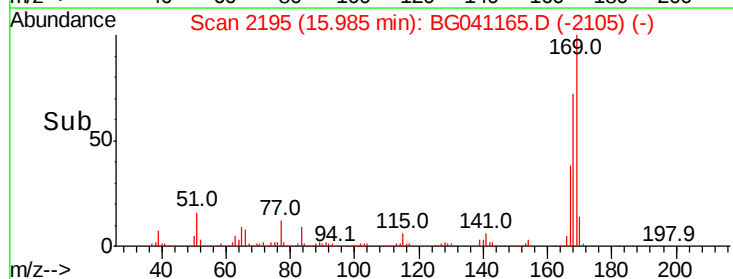
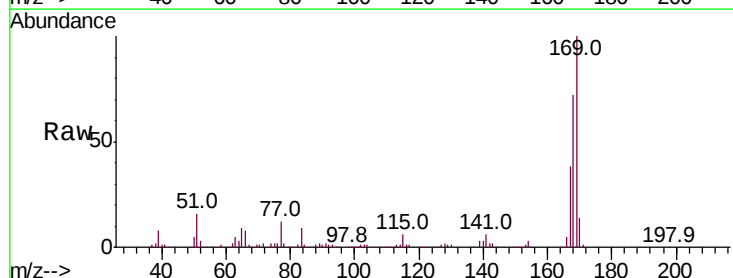
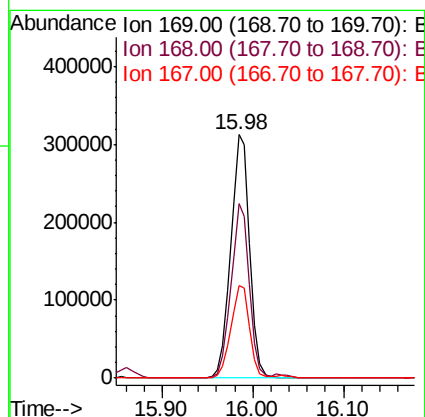
RT: 15.98 min Scan# 2195

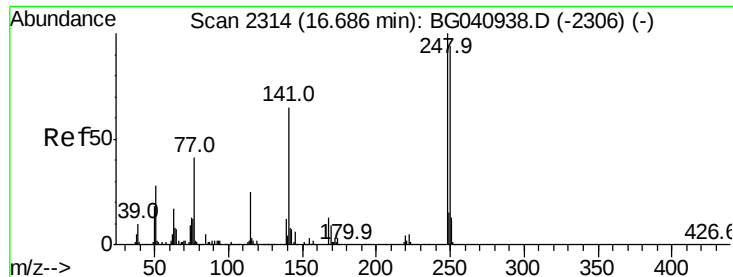
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	169	Resp:	449783
Ion Ratio	Lower	Upper	
169	100		
168	71.6	55.7	83.5
167	38.1	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 43.476 ng

RT: 16.67 min Scan# 2311

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

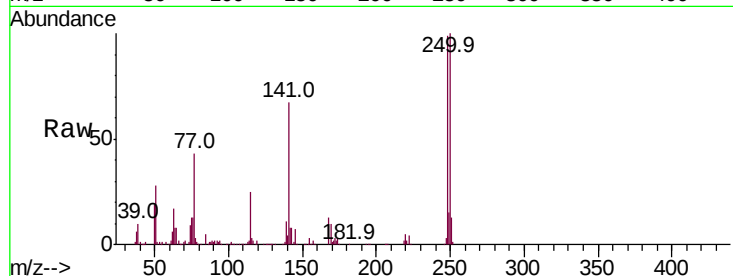
ClientSampleId :

SSTDCCC040

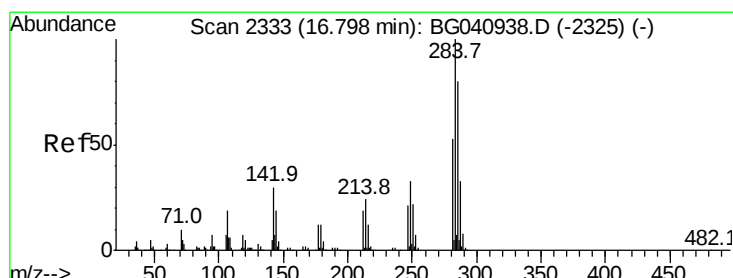
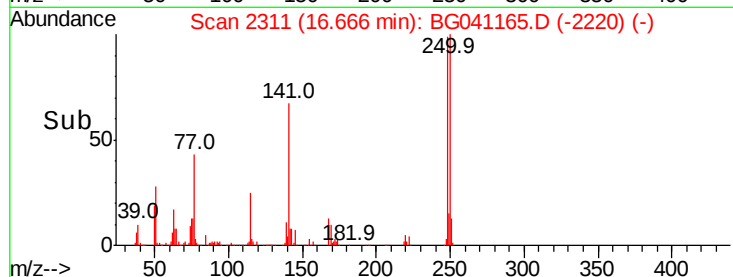
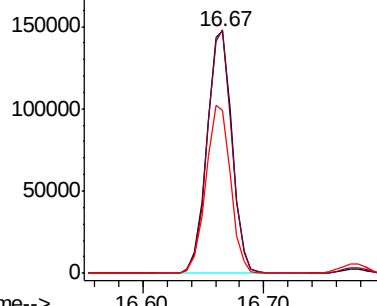
Tot Ion:	248	Resp:	212519
Ion Ratio	Lower	Upper	
248	100		
250	100.6	75.0	112.4
141	67.6	52.4	78.6

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.066 ng

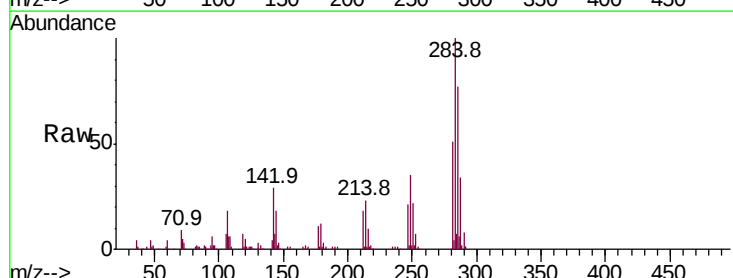
RT: 16.78 min Scan# 2330

Delta R.T. 0.00 min

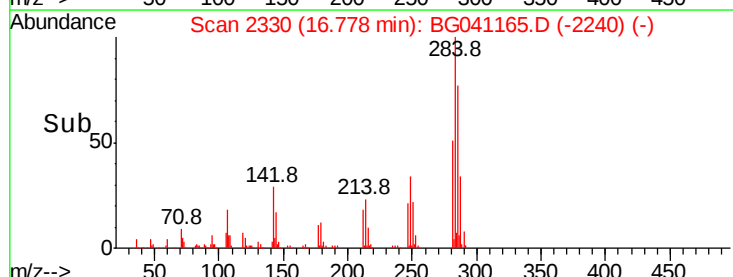
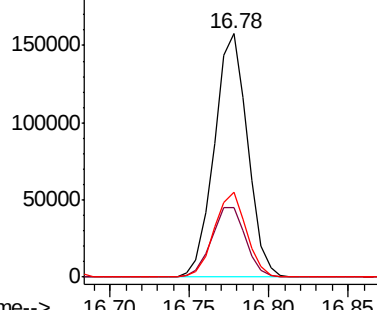
Lab File: BG041165.D

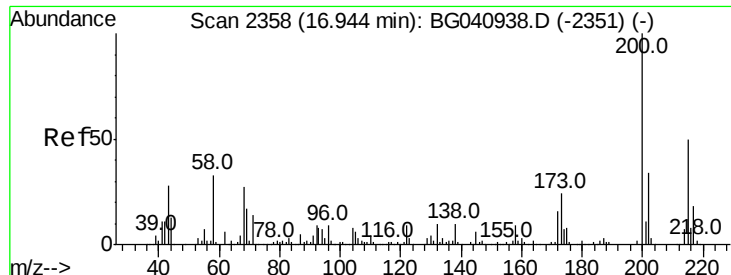
Acq: 10 Jun 2019 16:22

Tgt Ion:	284	Resp:	229371
Ion Ratio	Lower	Upper	
284	100		
142	28.8	23.9	35.9
249	34.6	26.8	40.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





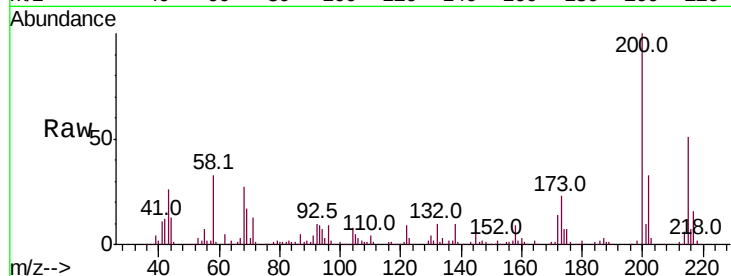
#69
Atrazine
Concen: 43.305 ng
RT: 16.92 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.9	3.6	43.6
215	51.3	29.6	69.6

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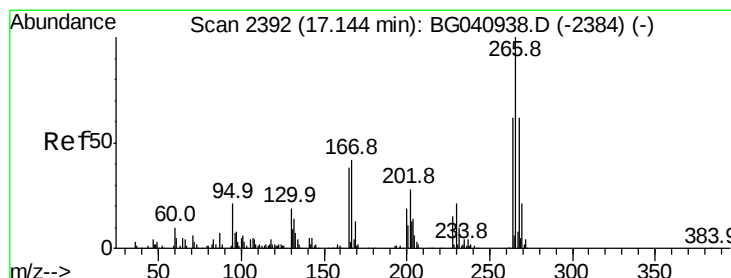
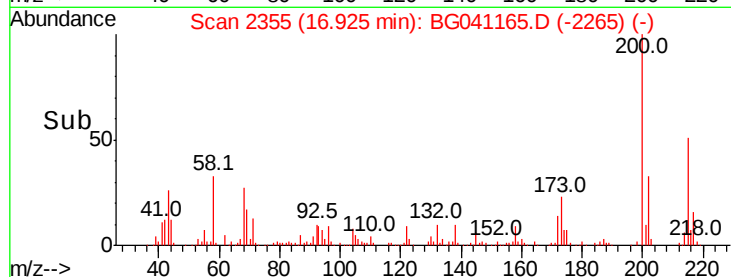
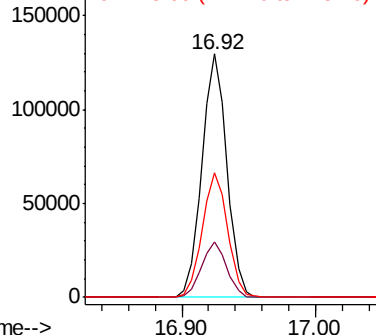


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 44.139 ng
RT: 17.12 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

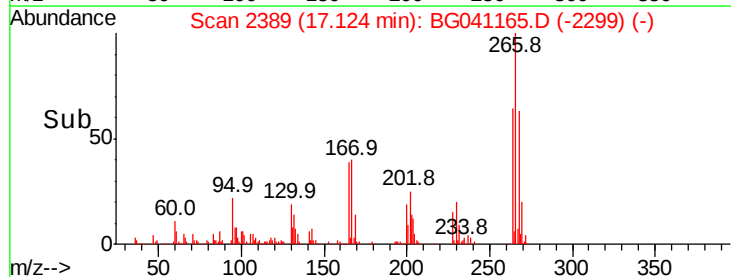
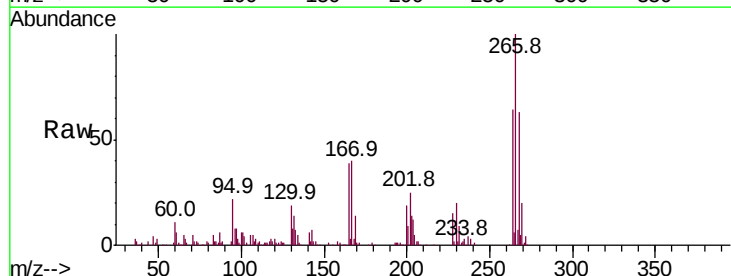
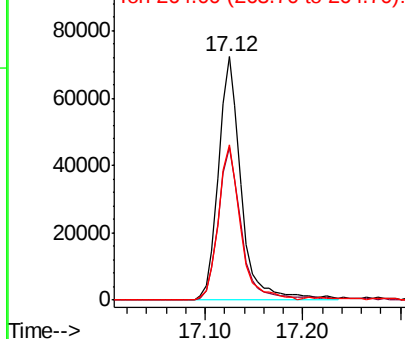
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	53.1	79.7
264	63.6	49.9	74.9

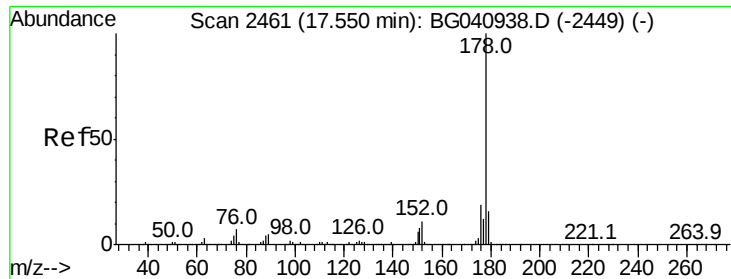
Abundance

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





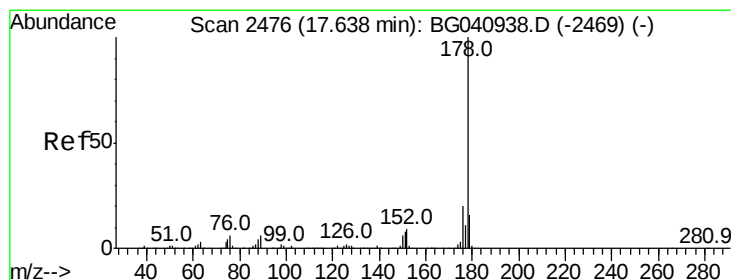
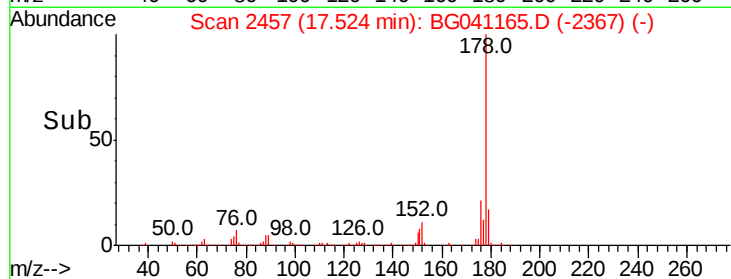
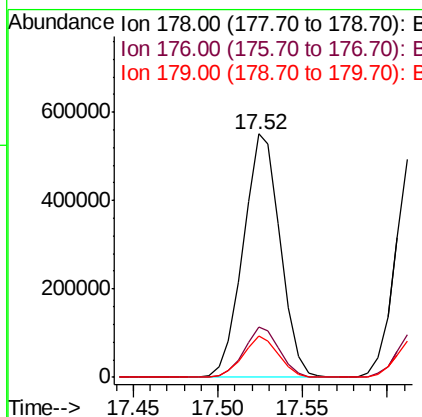
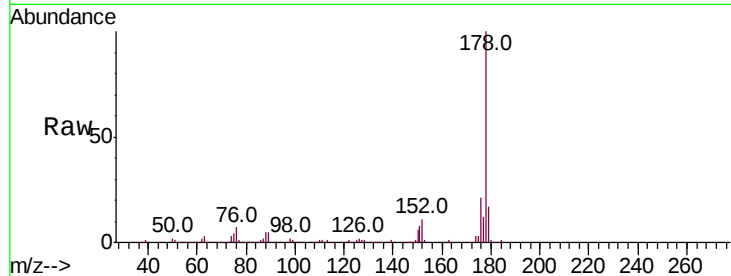
#71
Phenanthrene
Concen: 44.325 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.5	23.3
179	16.8	12.7	19.1

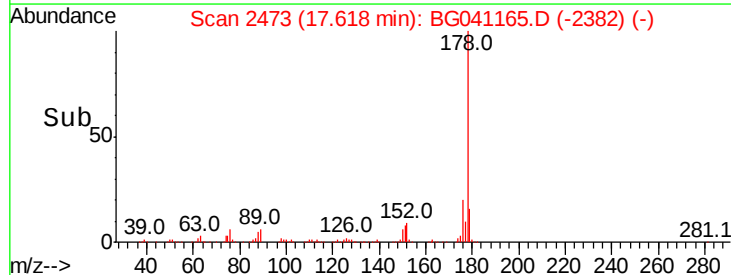
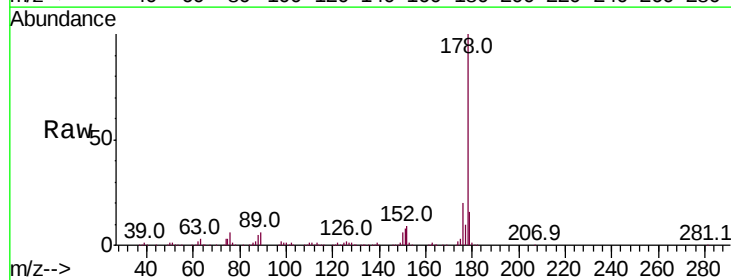
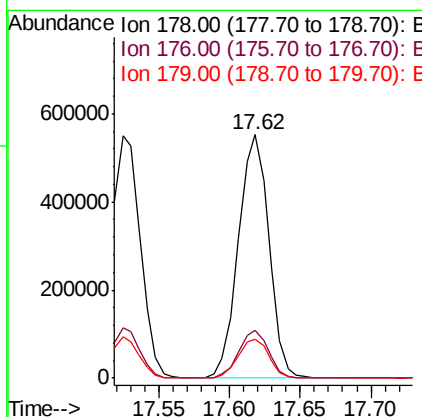
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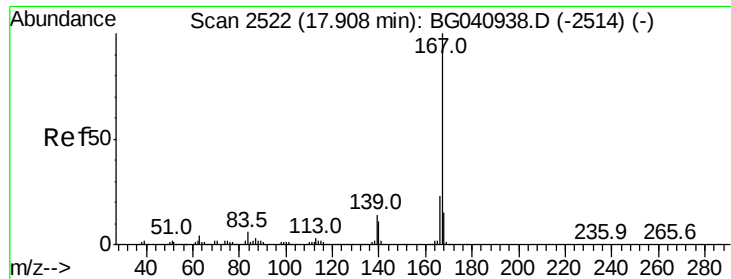
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#72
Anthracene
Concen: 44.826 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.8	13.0	19.4





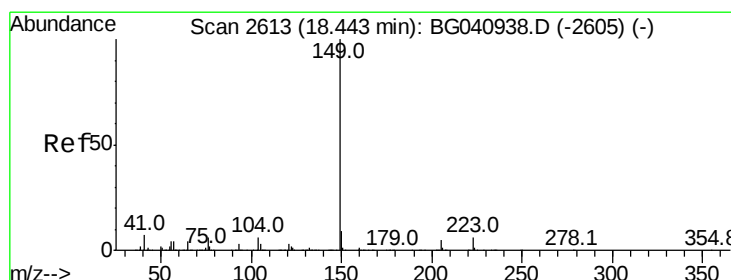
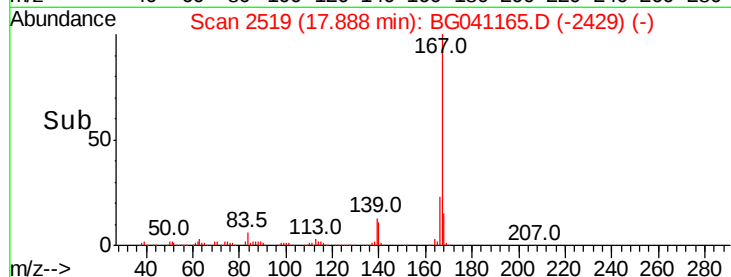
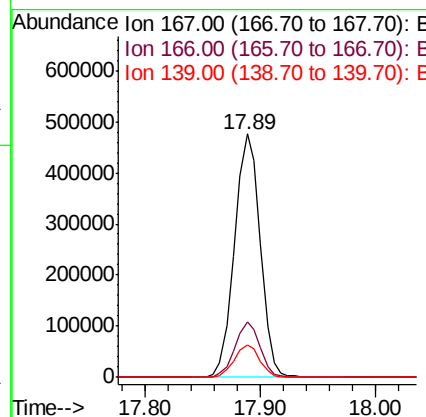
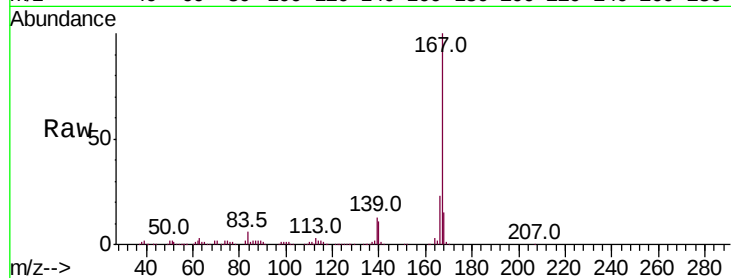
#73
 Carbazole
 Concen: 45.884 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041165.D
 Acq: 10 Jun 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	13.3	10.8	16.2

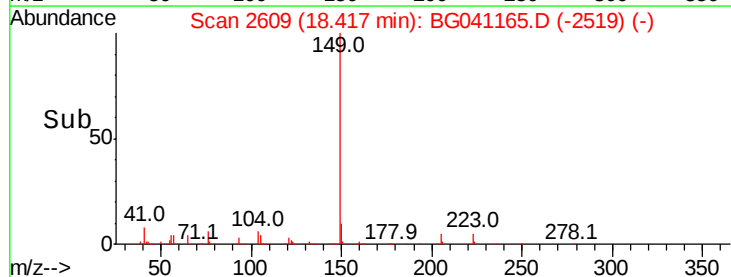
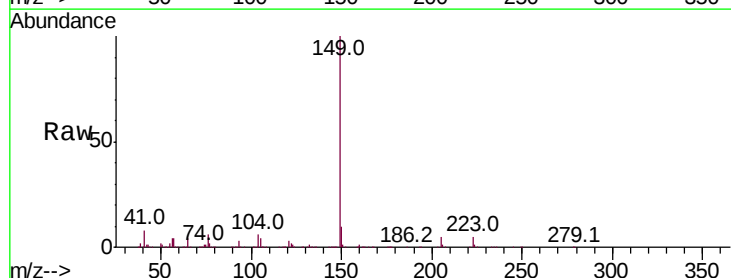
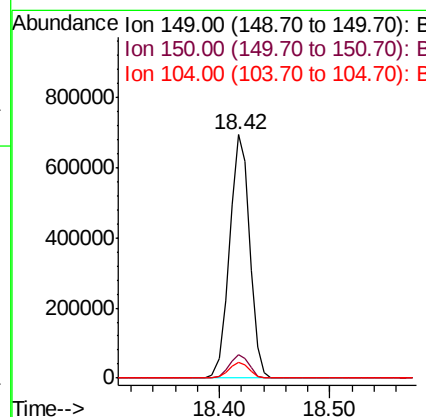
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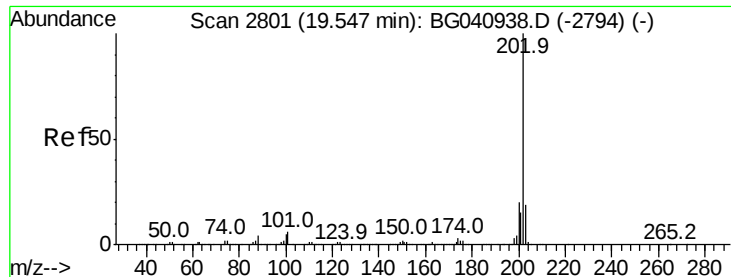
mohammad
 6/14/2019 8:39:56 AM



#74
 Di-n-butylphthalate
 Concen: 44.729 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041165.D
 Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 45.760 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1066385

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.2

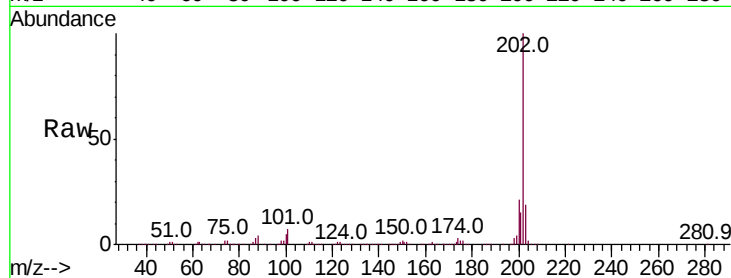
203 18.9 0.0 38.7

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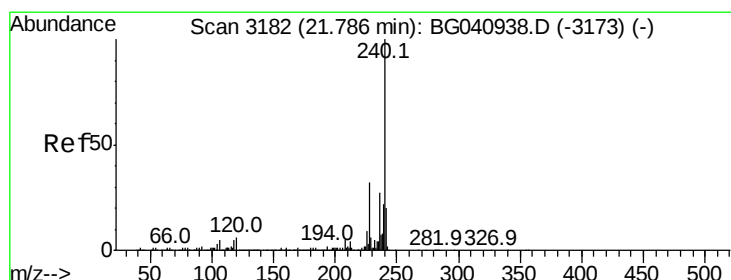
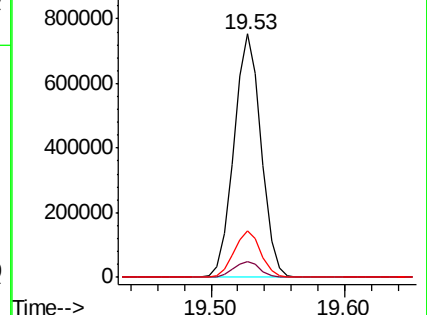
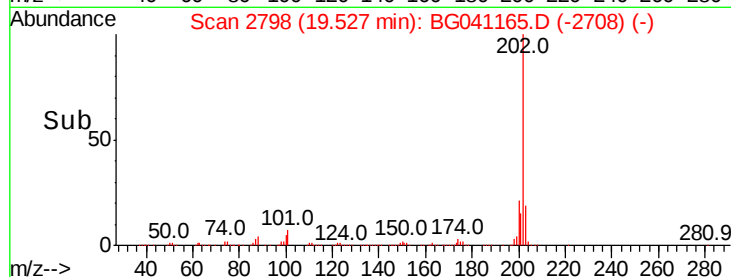
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

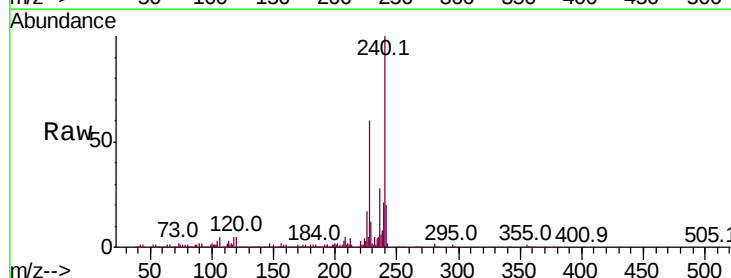
Tgt Ion:240 Resp: 357772

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

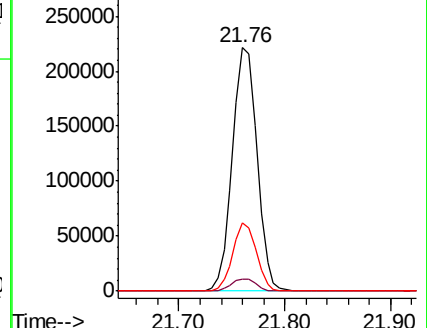
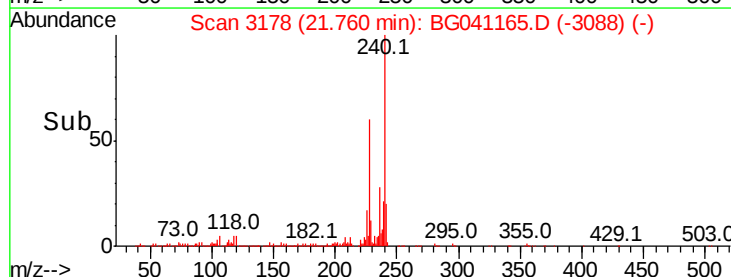
236 28.1 21.3 31.9

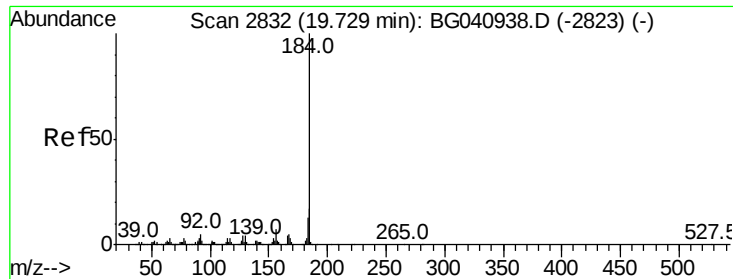


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.800 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

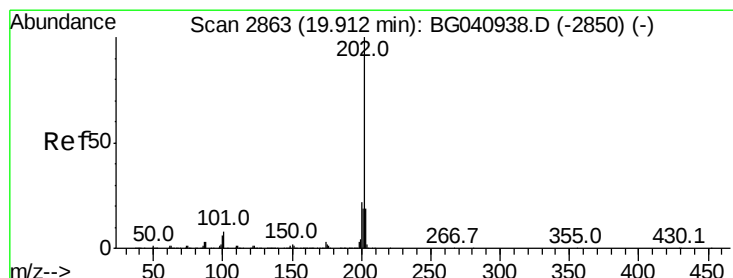
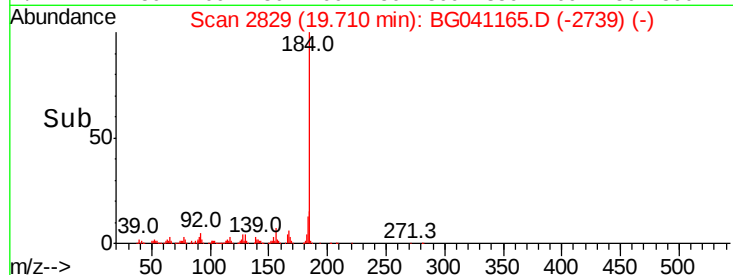
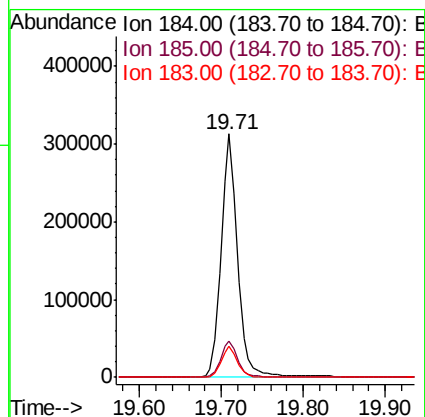
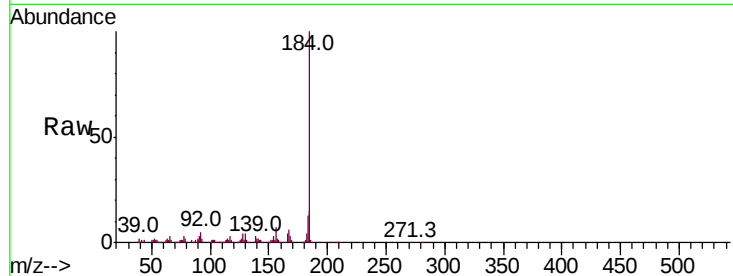
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	442103
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.3	19.9
183	12.7	10.7	16.1

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#78

Pyrene

Concen: 46.180 ng

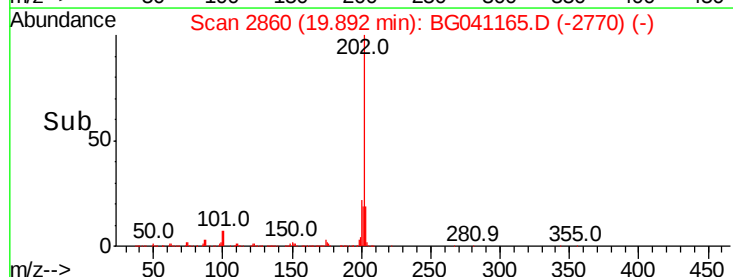
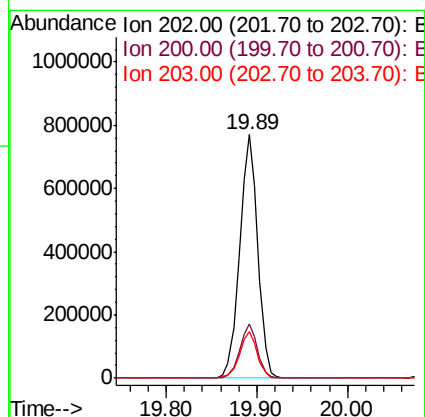
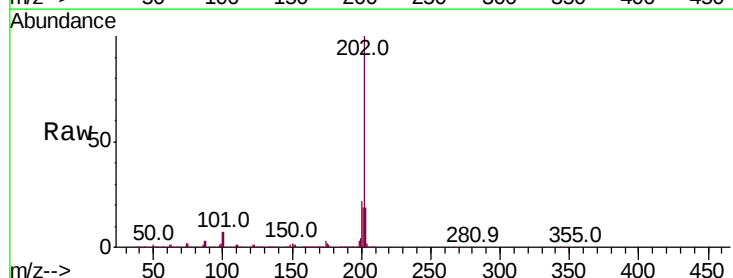
RT: 19.89 min Scan# 2860

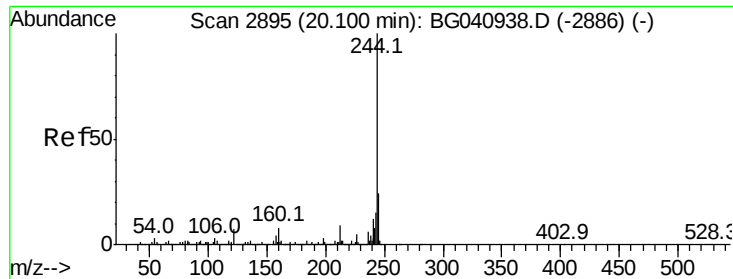
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	202	Resp:	1074024
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.5	26.3
203	19.1	15.6	23.4





#79

Terphenyl-d14

Concen: 83.200 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

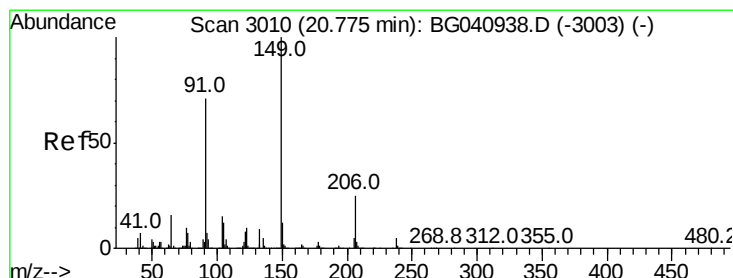
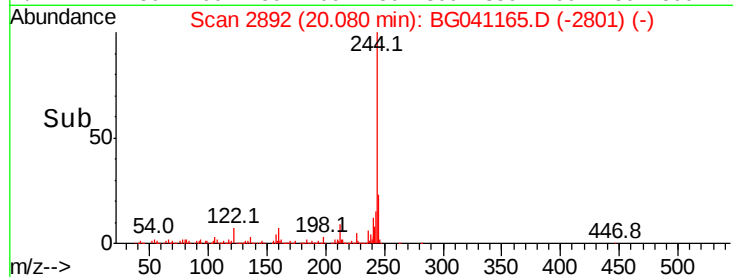
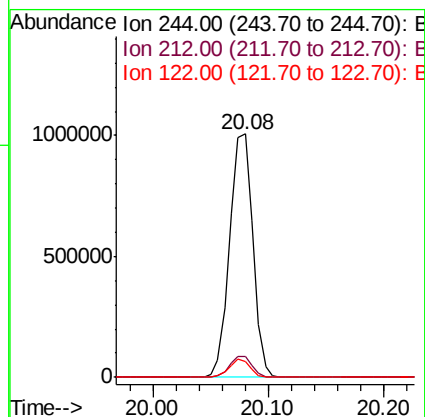
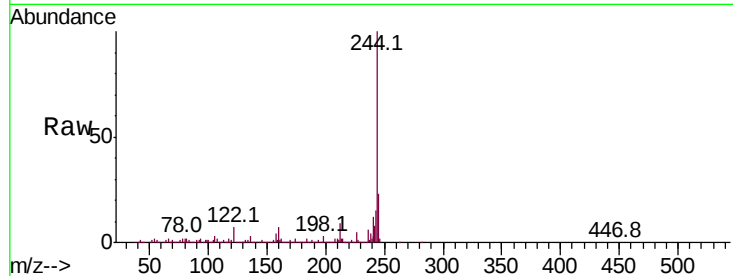
ClientSampled :

SSTDCCC040

Tot Ion:	244	Resp:	1402530
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	6.7	5.4	8.0

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 45.936 ng

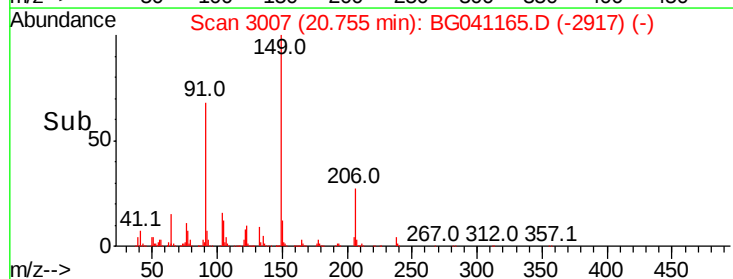
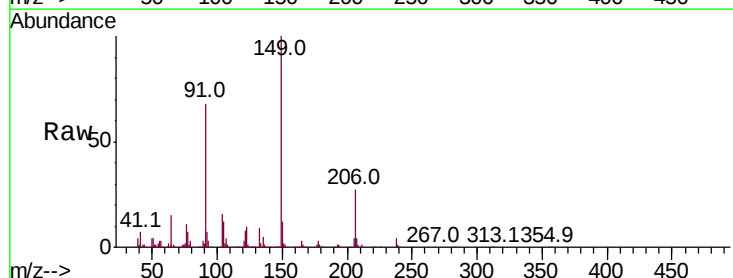
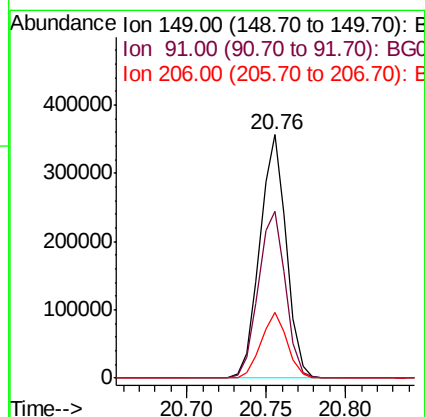
RT: 20.76 min Scan# 3007

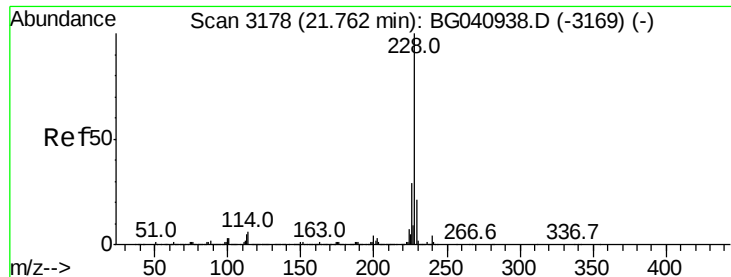
Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	149	Resp:	415759
Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.5	84.7
206	26.8	20.3	30.5





#81

Benzo(a)anthracene

Concen: 45.275 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1078239

Ion Ratio Lower Upper

228 100

226 28.7 23.5 35.3

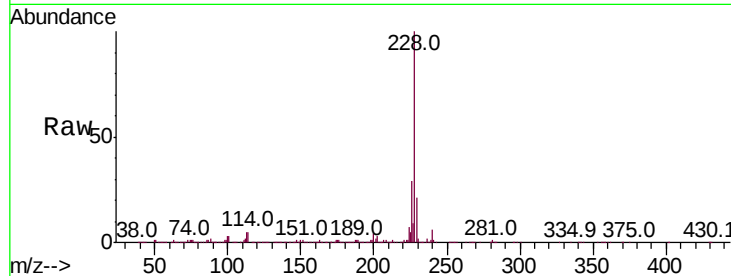
229 21.4 16.7 25.1

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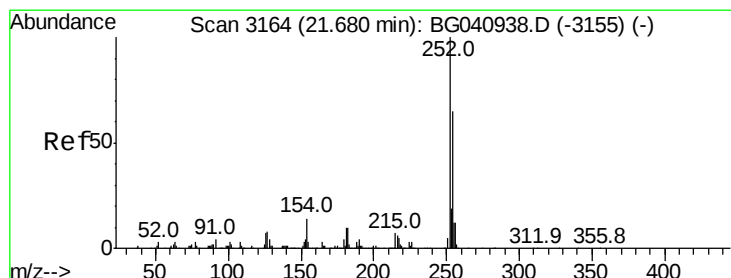
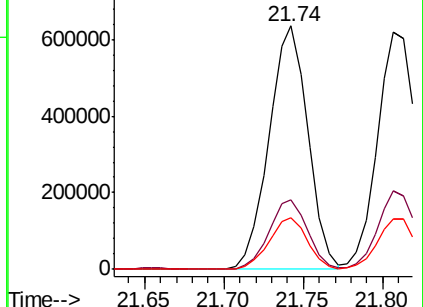
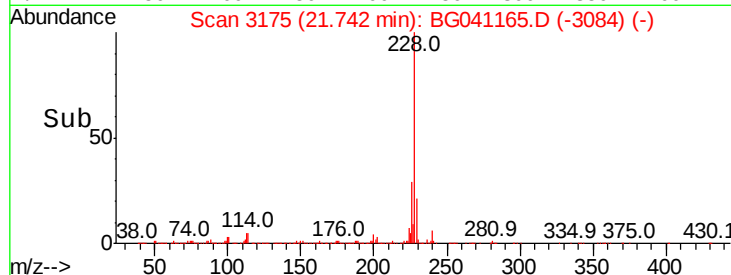
6/14/2019 8:39:56 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.630 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

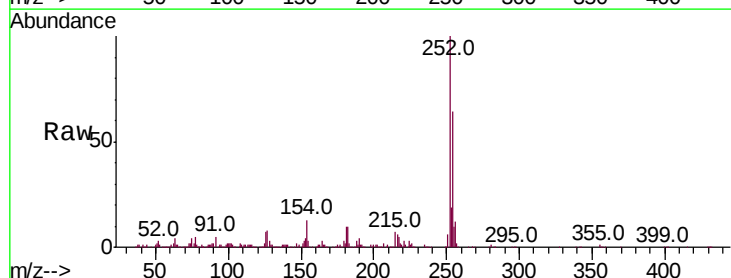
Tgt Ion:252 Resp: 390595

Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

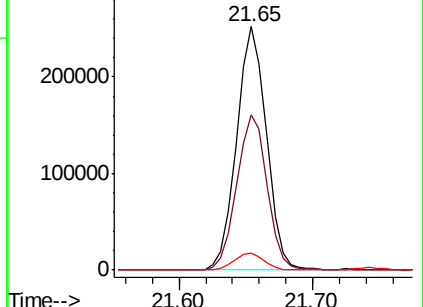
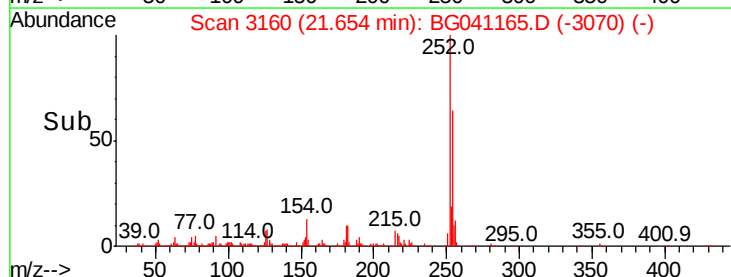
126 7.1 5.5 8.3

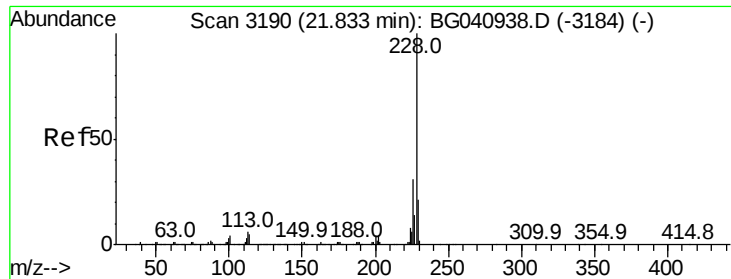


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





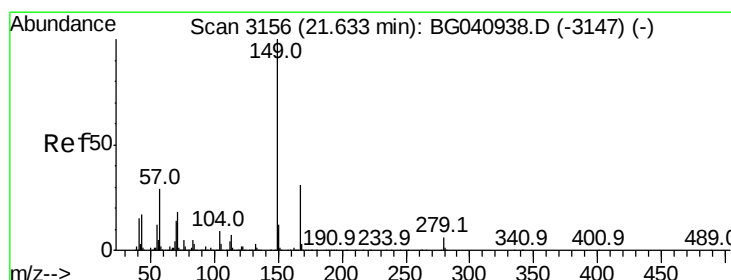
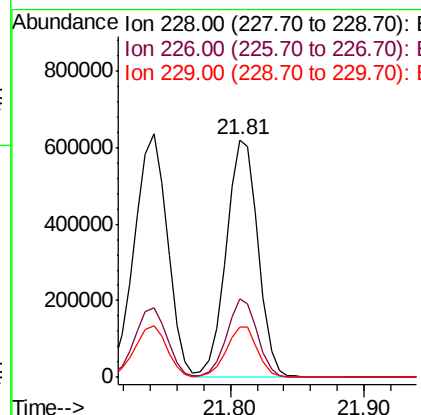
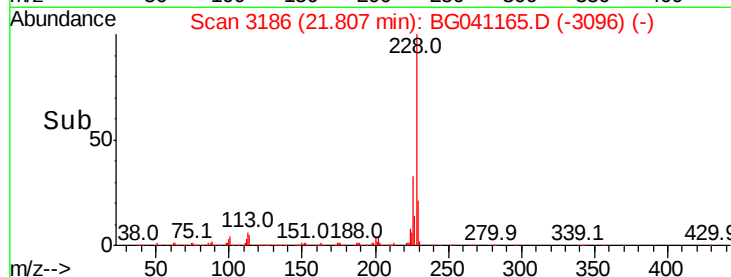
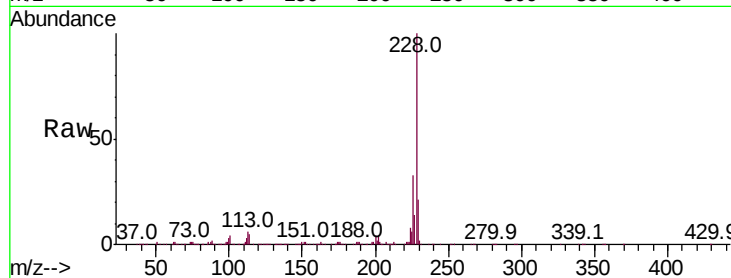
#83
 Chrysene
 Concen: 45.401 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG041165.D
 Acq: 10 Jun 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.6	37.0
229	21.5	16.6	24.8

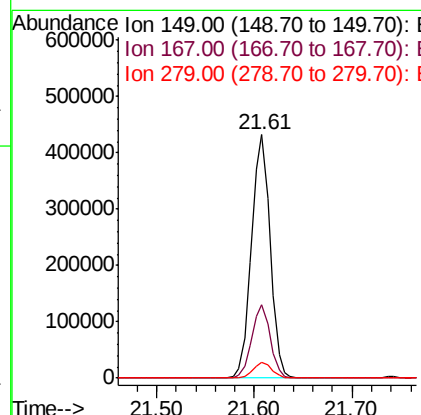
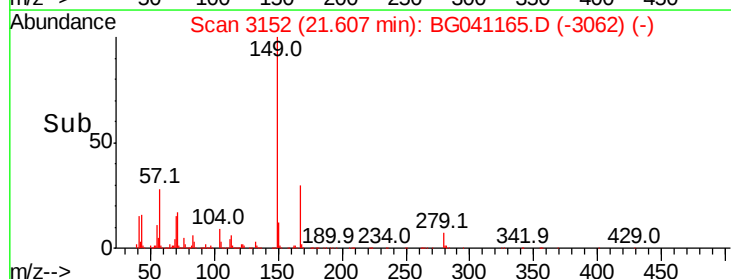
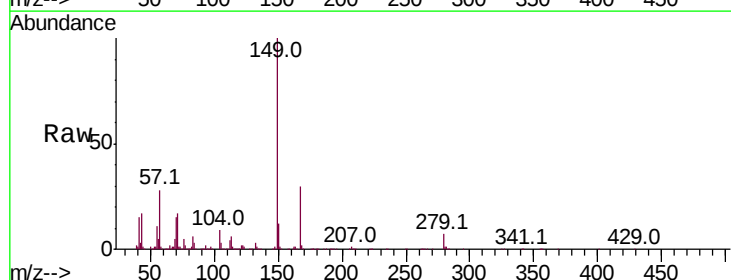
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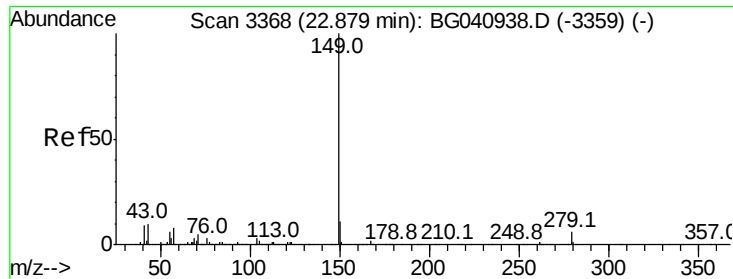
mohammad
 6/14/2019 8:39:56 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.205 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG041165.D
 Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.6	37.0
279	6.6	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 45.248 ng

RT: 22.85 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

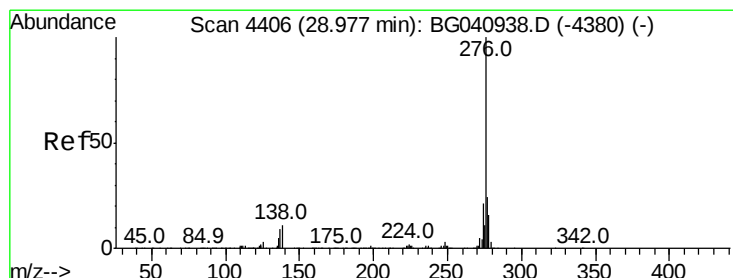
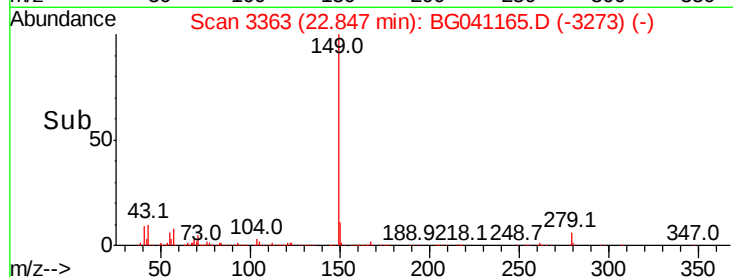
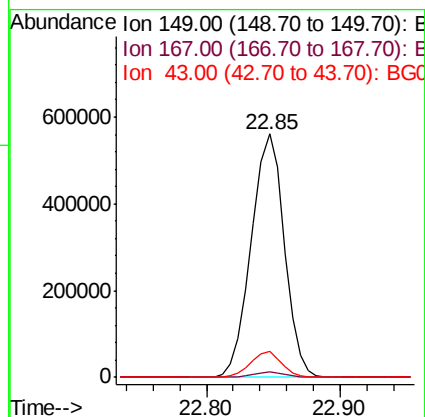
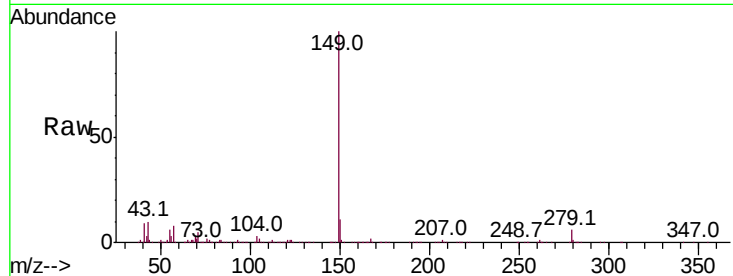
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	960135
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	10.1	8.1	12.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.825 ng

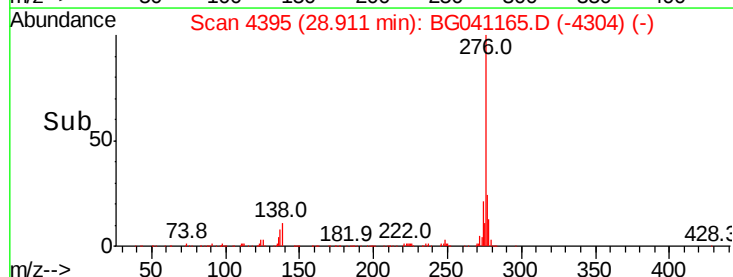
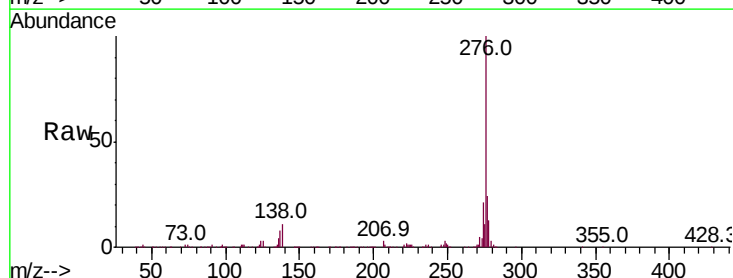
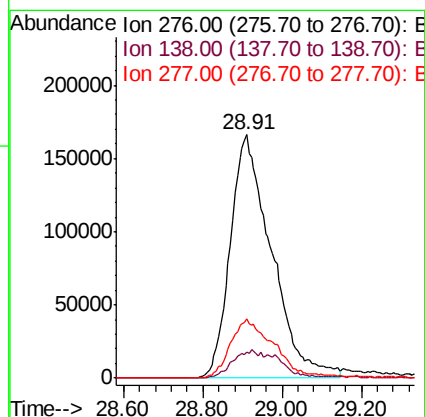
RT: 28.91 min Scan# 4395

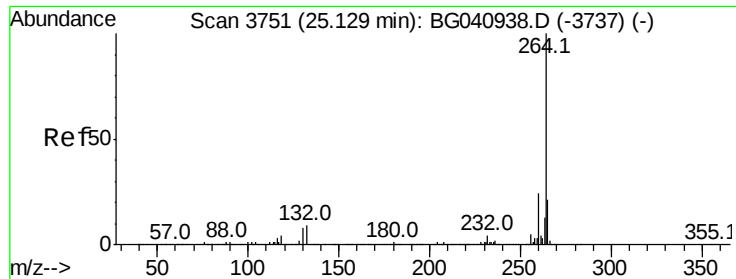
Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	276	Resp:	1195573
Ion Ratio	Lower	Upper	
276	100		
138	8.3	5.7	8.5
277	25.4	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

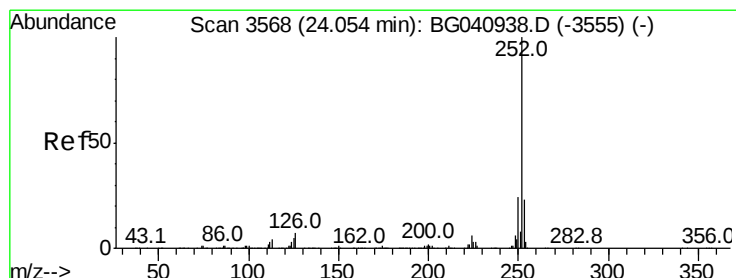
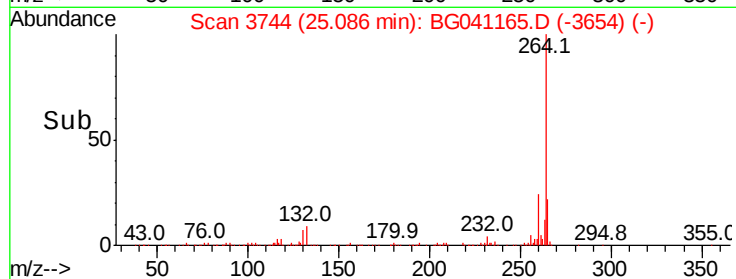
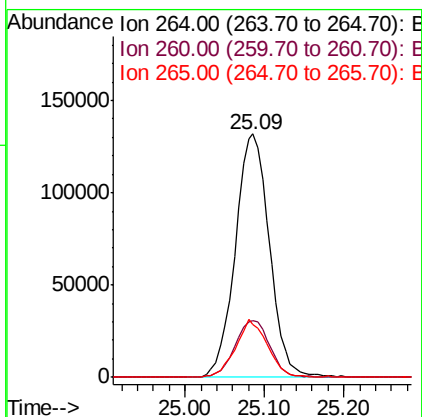
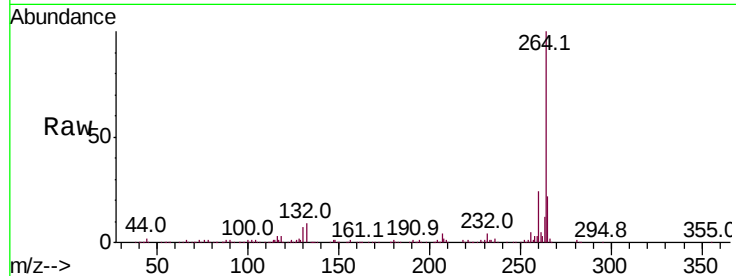
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	393600
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.4
265	21.9	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 44.681 ng

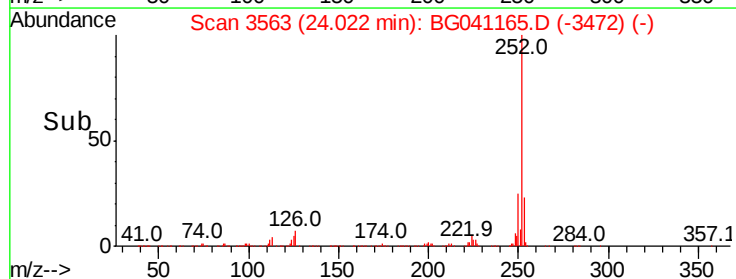
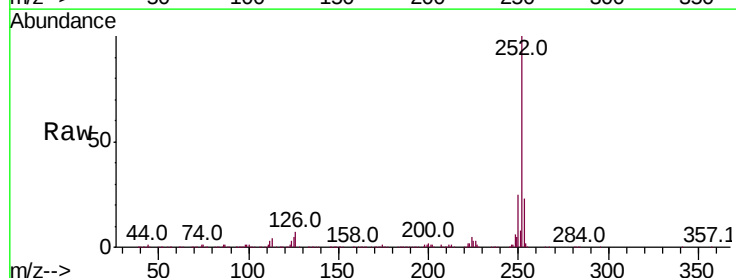
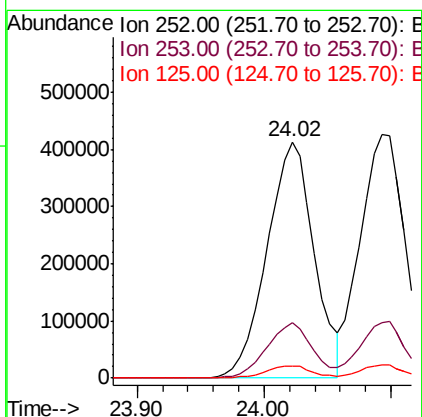
RT: 24.02 min Scan# 3563

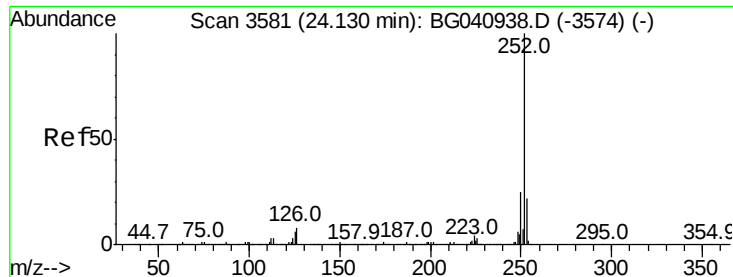
Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Tgt Ion:	252	Resp:	1066669
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.4	27.6
125	4.9	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 44.019 ng

RT: 24.09 min Scan# 3575

Delta R.T. 0.00 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1039923

Ion Ratio Lower Upper

252 100

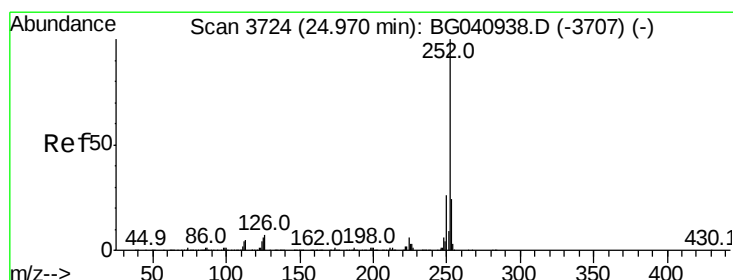
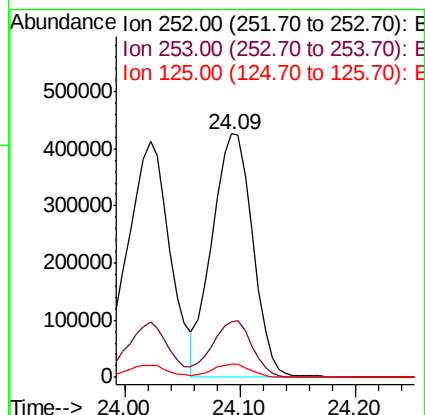
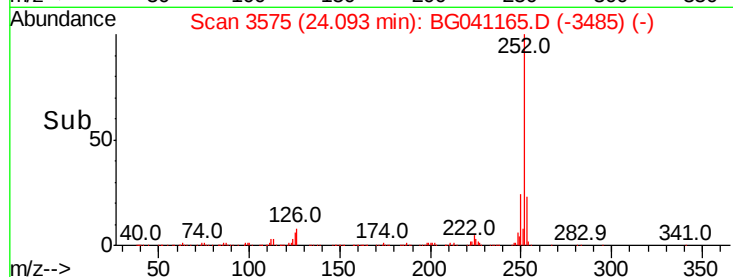
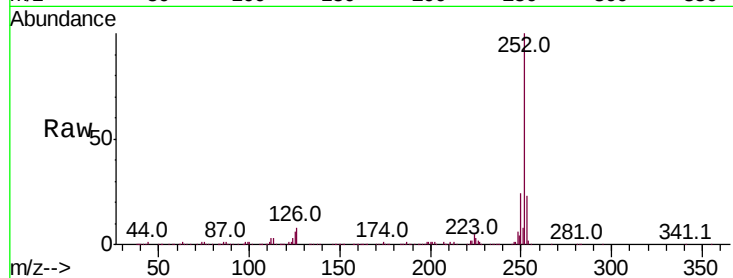
253 22.6 17.8 26.6

125 5.5 4.7 7.1

Manual Integrations
APPROVED

mohammad

6/14/2019 8:39:56 AM



#90

Benzo(a)pyrene

Concen: 44.460 ng

RT: 24.93 min Scan# 3718

Delta R.T. 0.01 min

Lab File: BG041165.D

Acq: 10 Jun 2019 16:22

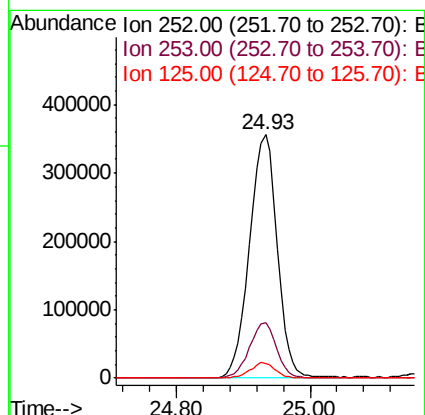
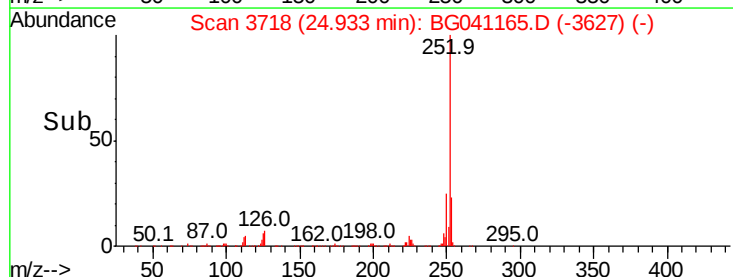
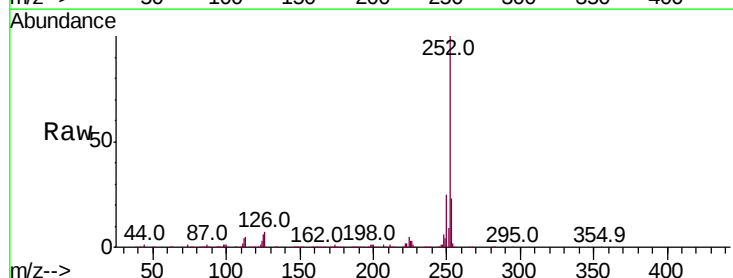
Tgt Ion:252 Resp: 1012656

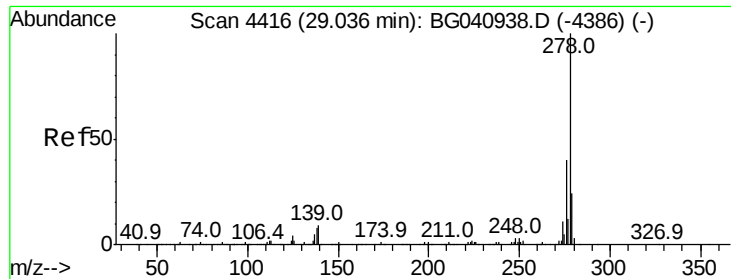
Ion Ratio Lower Upper

252 100

253 23.0 19.5 29.3

125 6.2 5.1 7.7





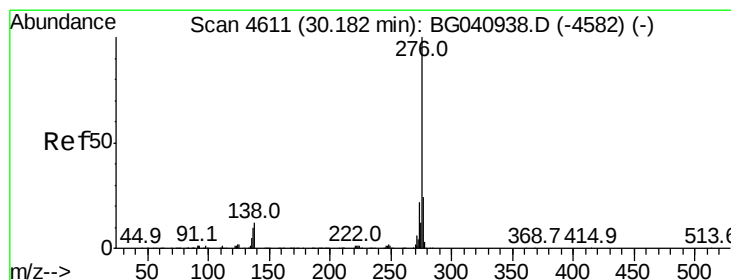
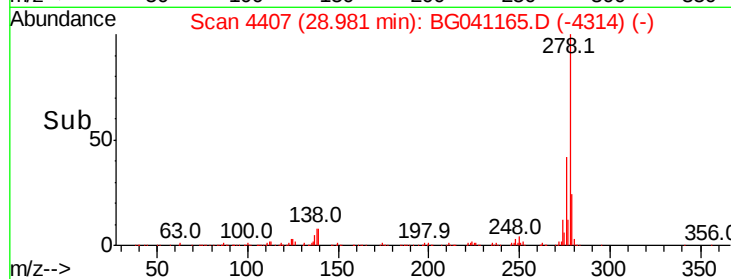
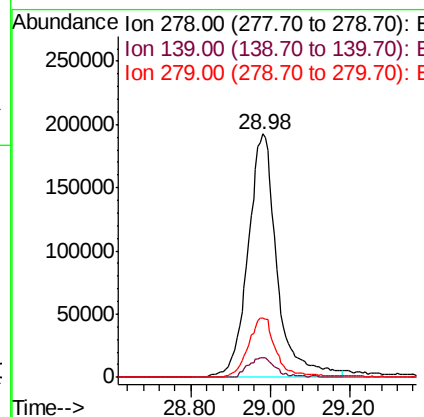
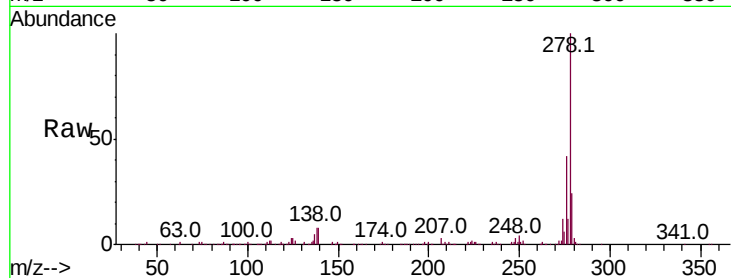
#91
Dibenzo(a,h)anthracene
Concen: 42.958 ng
RT: 28.98 min Scan# 4407
Delta R.T. 0.02 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.1	7.1	10.7
279	24.3	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:39:56 AM



#92
Benzo(g,h,i)perylene
Concen: 41.233 ng
RT: 30.10 min Scan# 4598
Delta R.T. -0.01 min
Lab File: BG041165.D
Acq: 10 Jun 2019 16:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	11.5	9.7	14.5

