

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
 Data File : BG045413.D
 Acq On : 18 May 2020 14:54
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040

Manual Integrations
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 5/19/2020 3:05:54 PM

Quant Time: May 18 16:21:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	79103	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	333068	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	240630	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	563176	20.00	ng	0.00
76) Chrysene-d12	21.63	240	485292	20.00	ng	0.00
87) Perylene-d12	24.78	264	519739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	316799	78.27	ng	0.00
7) Phenol-d6	7.21	99	484279	84.06	ng	0.00
23) Nitrobenzene-d5	9.14	82	484168	79.27	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	234439	76.18	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1123730	79.21	ng	0.00
79) Terphenyl-d14	19.98	244	1759236	84.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	66071	32.917	ng	# 93
3) Pyridine	3.82	79	213834	38.252	ng	97
4) n-Nitrosodimethylamine	3.73	42	67400	36.846	ng	94
6) Aniline	7.31	93	305560	40.630	ng	97
8) 2-Chlorophenol	7.56	128	177712	40.037	ng	100
9) Benzaldehyde	7.11	77	147824	39.384	ng	95
10) Phenol	7.24	94	244341	41.152	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	187716	40.532	ng	96
12) 1,3-Dichlorobenzene	7.86	146	209114	39.203	ng	98
13) 1,4-Dichlorobenzene	8.01	146	206863	39.297	ng	98
14) 1,2-Dichlorobenzene	8.33	146	200999	39.700	ng	97
15) Benzyl Alcohol	8.23	79	203981	42.861	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	183354	41.708	ng	98
17) 2-Methylphenol	8.47	107	190207	42.799	ng	97
18) Hexachloroethane	9.06	117	77420	38.401	ng	85
19) n-Nitroso-di-n-propylamine	8.78	70	180092	45.206	ng	99
20) 3+4-Methylphenols	8.80	107	249942m	41.300	ng	
22) Acetophenone	8.80	105	318693	40.371	ng	# 92
24) Nitrobenzene	9.18	77	256396	39.181	ng	96
25) Isophorone	9.70	82	498118	41.411	ng	97
26) 2-Nitrophenol	9.89	139	115810	41.370	ng	93
27) 2,4-Dimethylphenol	10.00	122	172963	41.659	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	259770	41.180	ng	# 97
29) 2,4-Dichlorophenol	10.47	162	200695	40.934	ng	98
30) 1,2,4-Trichlorobenzene	10.65	180	225927	38.997	ng	95
31) Naphthalene	10.83	128	626169	40.344	ng	99
32) Benzoic acid	10.19	122	142932	50.071	ng	96
33) 4-Chloroaniline	10.95	127	278803	42.974	ng	98
34) Hexachlorobutadiene	11.12	225	157386	38.432	ng	97
35) Caprolactam	11.73	113	75955	42.206	ng	# 82
36) 4-Chloro-3-methylphenol	12.13	107	238197	43.115	ng	95
37) 2-Methylnaphthalene	12.44	142	481544	41.626	ng	98
38) 1-Methylnaphthalene	12.66	142	450532	41.229	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	262991	39.129	ng	100

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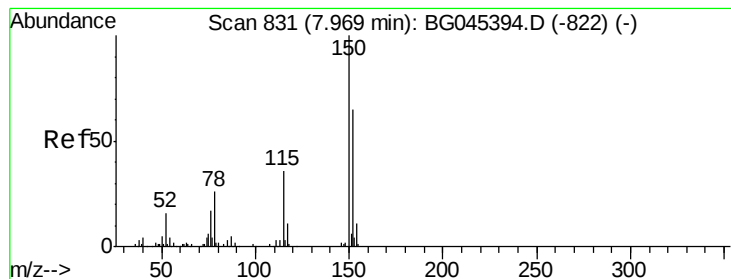
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	152619	39.341	nq	99
43) 2,4,6-Trichlorophenol	13.07	196	185124	39.650	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	213721	40.057	nq	98
46) 1,1'-Biphenyl	13.45	154	592698	40.086	nq	99
47) 2-Chloronaphthalene	13.49	162	478839	39.882	nq	98
48) 2-Nitroaniline	13.70	65	159465	40.376	nq	86
49) Acenaphthylene	14.34	152	777909	40.337	nq	99
50) Dimethylphthalate	14.07	163	656287	39.758	nq	99
51) 2,6-Dinitrotoluene	14.19	165	150639	40.442	nq	98
52) Acenaphthene	14.68	154	472753	36.621	nq	98
53) 3-Nitroaniline	14.54	138	156439	41.315	nq	94
54) 2,4-Dinitrophenol	14.73	184	71301	32.687	nq	92
55) Dibenzofuran	15.01	168	765042	39.907	nq	97
56) 4-Nitrophenol	14.92	139	108797	37.952	nq	96
57) 2,4-Dinitrotoluene	14.98	165	212737	39.436	nq	98
58) Fluorene	15.67	166	641203	40.713	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.26	232	172571	36.765	nq	99
60) Diethylphthalate	15.44	149	677786	39.450	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	363179	40.297	nq	99
62) 4-Nitroaniline	15.71	138	159865	40.442	nq	93
63) Azobenzene	15.95	77	636801	39.749	nq	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	123418	37.628	nq	94
66) n-Nitrosodiphenylamine	15.88	169	559209	41.356	nq	96
67) 4-Bromophenyl-phenylether	16.55	248	253554	41.578	nq	94
68) Hexachlorobenzene	16.68	284	263016	41.236	nq	99
69) Atrazine	16.83	200	222595	39.967	nq	99
70) Pentachlorophenol	17.03	266	154395	46.619	nq	96
71) Phenanthrene	17.40	178	997664	40.579	nq	99
72) Anthracene	17.50	178	991955	40.177	nq	97
73) Carbazole	17.77	167	960261	39.900	nq	99
74) Di-n-butylphthalate	18.33	149	1131392	39.167	nq	98
75) Fluoranthene	19.41	202	1203696	38.492	nq	98
77) Benzidine	19.60	184	548946	40.276	nq	99
78) Pyrene	19.78	202	1191042	43.054	nq	99
80) Butylbenzylphthalate	20.66	149	491891	41.195	nq	97
81) Benzo(a)anthracene	21.60	228	1101948	40.761	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	425718	40.145	nq	100
83) Chrysene	21.67	228	1045763	40.231	nq	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	663628	40.431	nq	99
85) Di-n-octyl phthalate	22.71	149	1115696	39.576	nq	99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1286024	37.833	nq	# 95
88) Benzo(b)fluoranthene	23.79	252	1118113	40.113	nq	100
89) Benzo(k)fluoranthene	23.85	252	1097708	41.917	nq	98
90) Benzo(a)pyrene	24.64	252	1048029	40.371	nq	# 97
91) Dibenzo(a,h)anthracene	28.44	278	1047228	40.143	nq	100
92) Benzo(g,h,i)perylene	29.49	276	1039069	39.825	nq	97

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



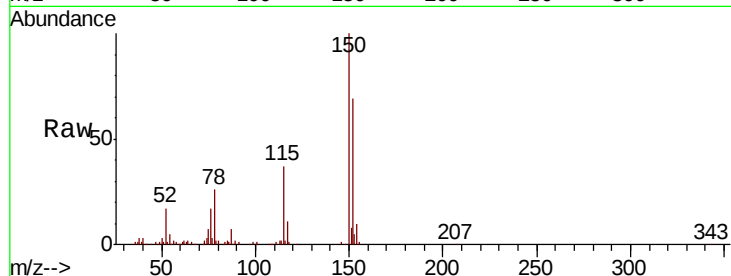
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

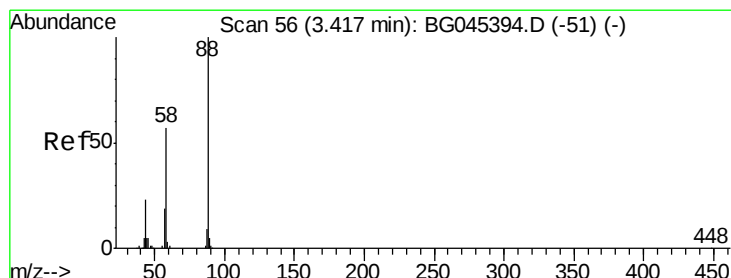
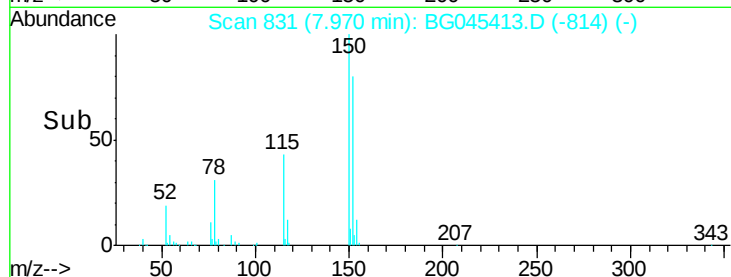
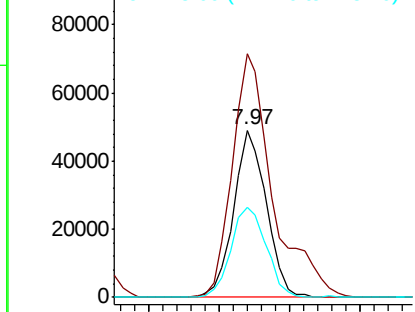
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	122.4	183.6
115	53.7	44.2	66.4

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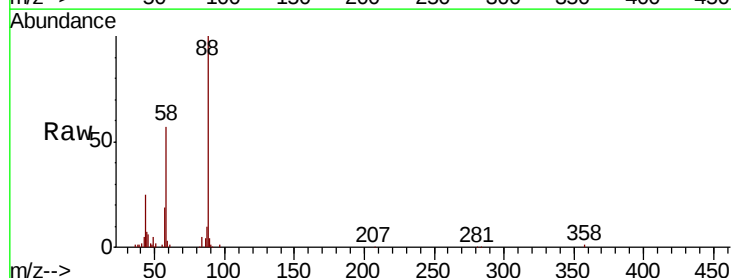


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

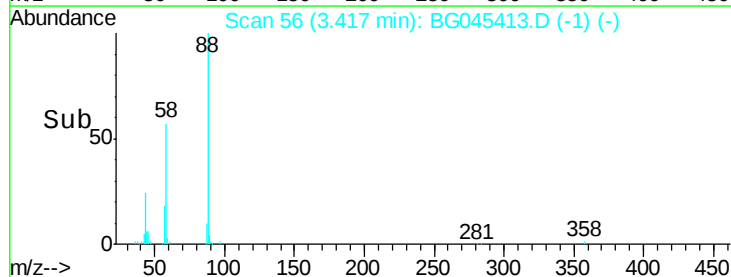
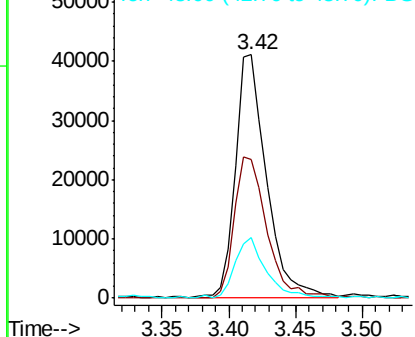


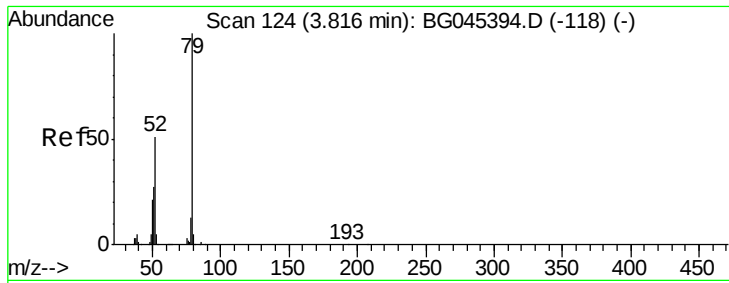
#2
 1,4-Dioxane
 Concen: 32.917 ng
 RT: 3.42 min Scan# 56
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.5	45.7	68.5
43	25.4	16.8	25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.252 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

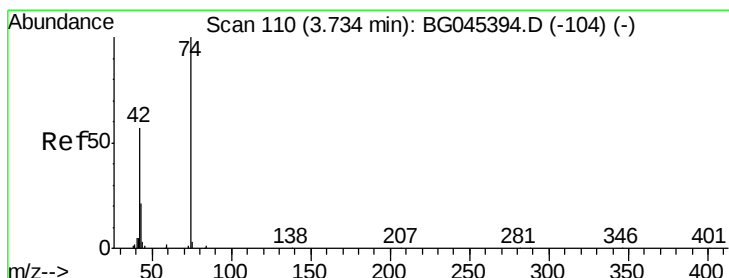
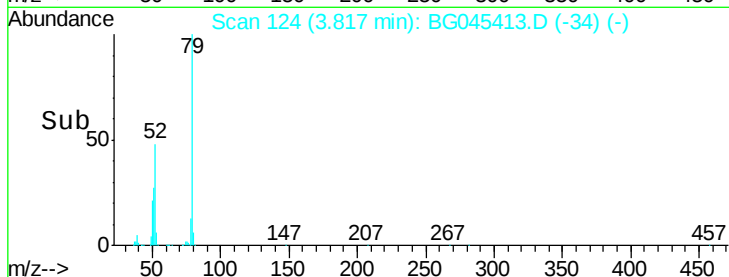
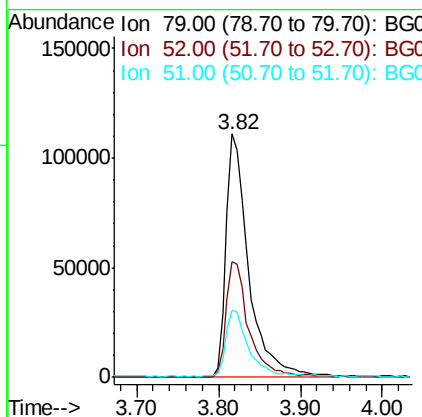
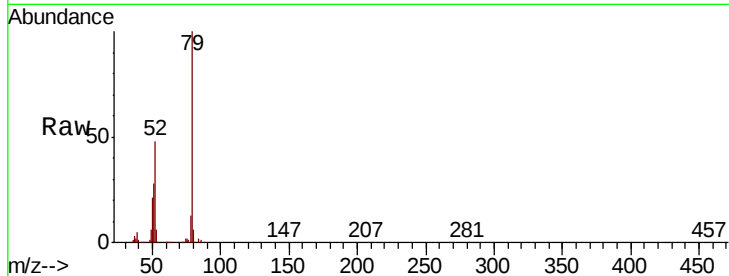
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	213834
Ion	Ratio	Lower	Upper
79	100		
52	47.7	40.8	61.2
51	27.7	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 36.846 ng

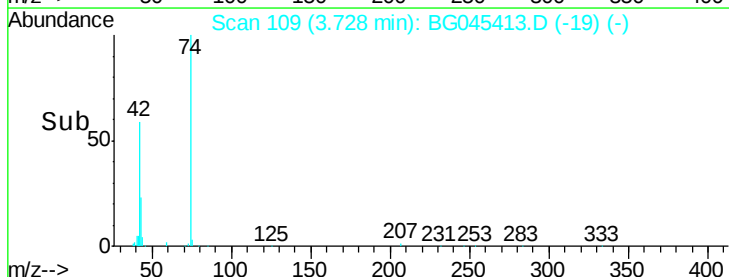
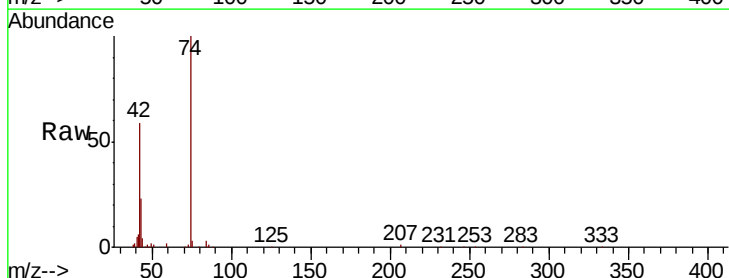
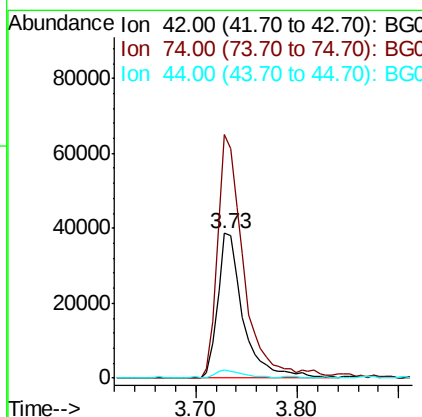
RT: 3.73 min Scan# 109

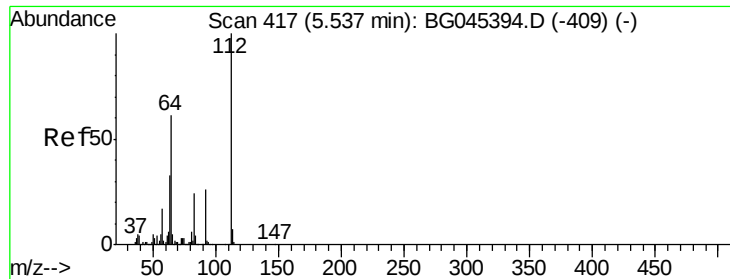
Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Tgt Ion:	42	Resp:	67400
Ion	Ratio	Lower	Upper
42	100		
74	168.3	141.3	211.9
44	6.0	4.2	6.4





#5

2-Fluorophenol

Concen: 78.267 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

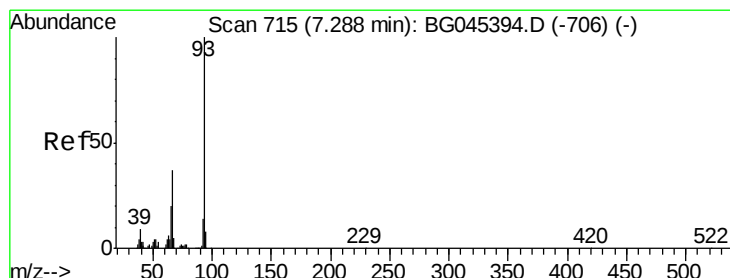
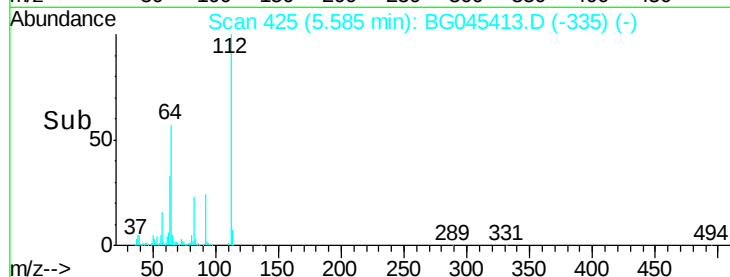
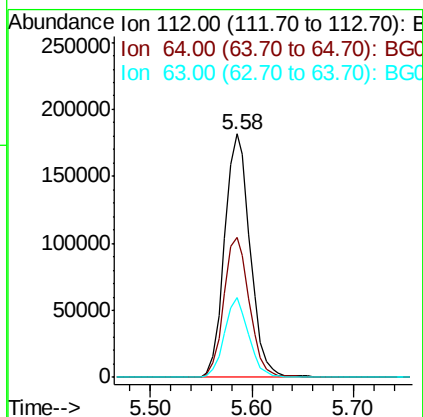
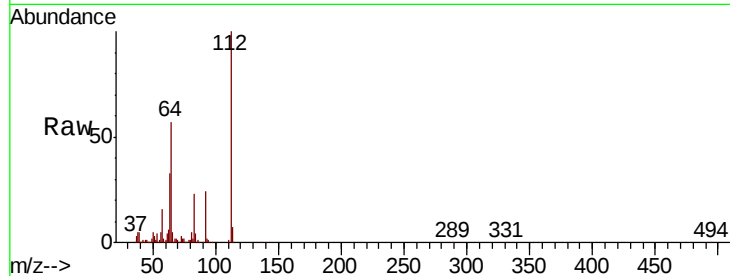
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	316799
Ion Ratio	Lower	Upper	
112	100		
64	57.3	48.6	72.8
63	32.6	26.5	39.7

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#6

Aniline

Concen: 40.630 ng

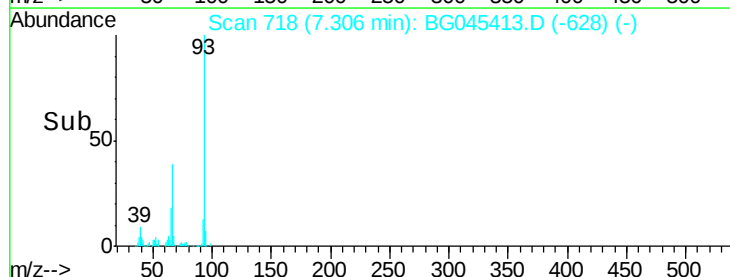
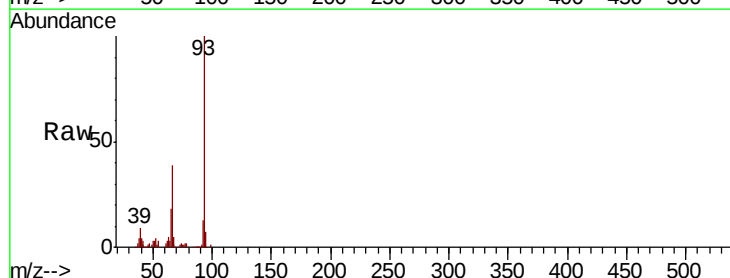
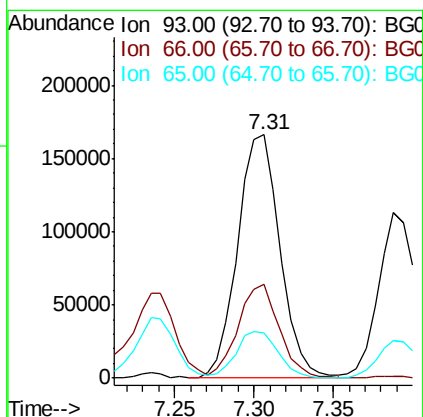
RT: 7.31 min Scan# 718

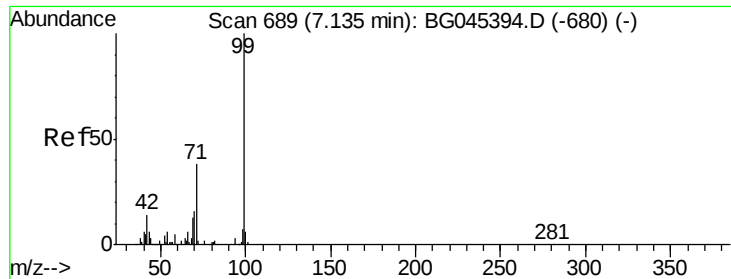
Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Tgt Ion:	93	Resp:	305560
Ion Ratio	Lower	Upper	
93	100		
66	38.6	29.6	44.4
65	18.4	15.9	23.9





#7

Phenol-d6

Concen: 84.061 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

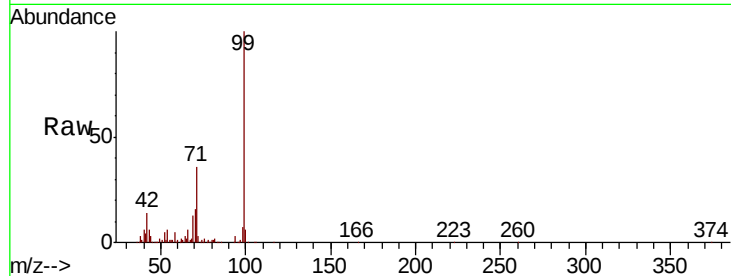
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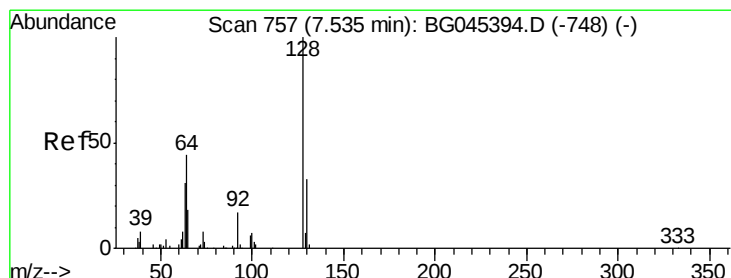
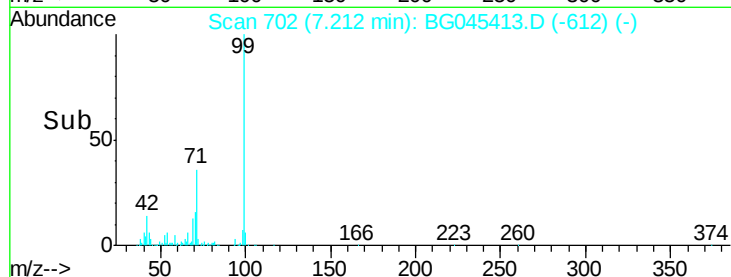
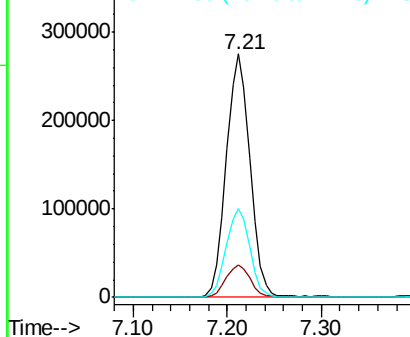
Tot Ion:	99	Resp:	484279
Ion Ratio	Lower	Upper	
99	100		
42	13.5	11.3	16.9
71	36.5	30.8	46.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.037 ng

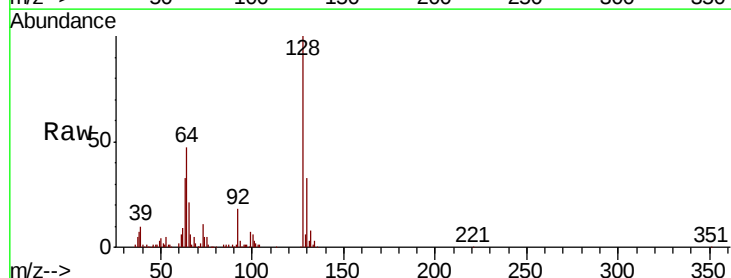
RT: 7.56 min Scan# 761

Delta R.T. 0.00 min

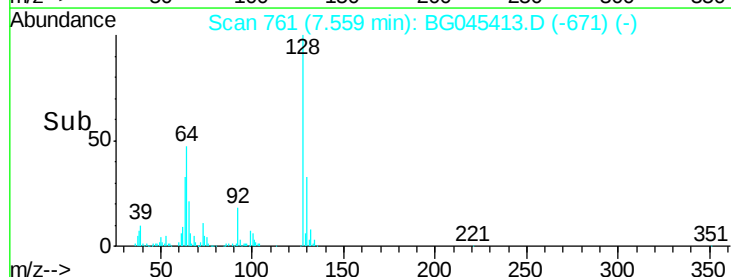
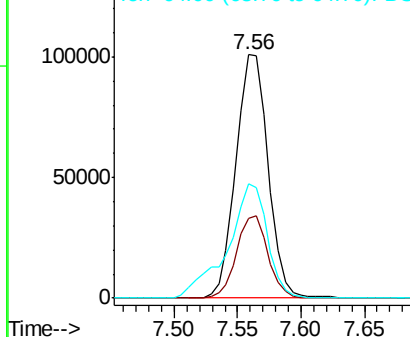
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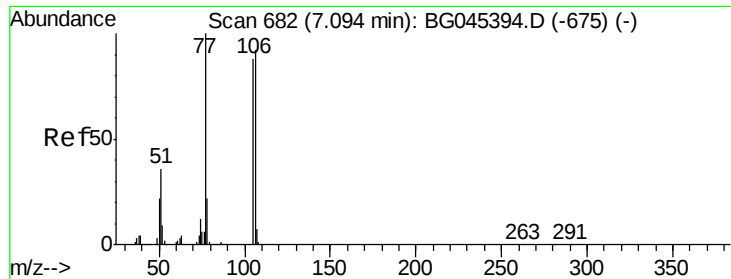
Acq: 18 May 2020 14:54

Tgt Ion:	128	Resp:	177712
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.6	52.6
64	47.1	27.0	67.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 39.384 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

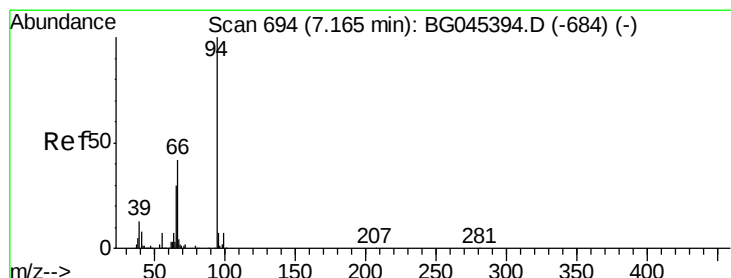
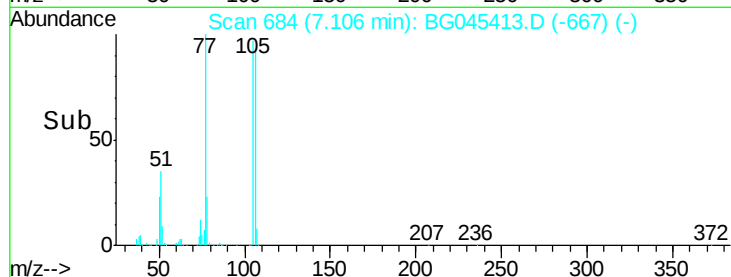
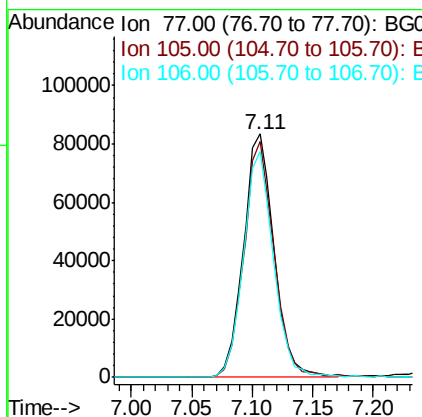
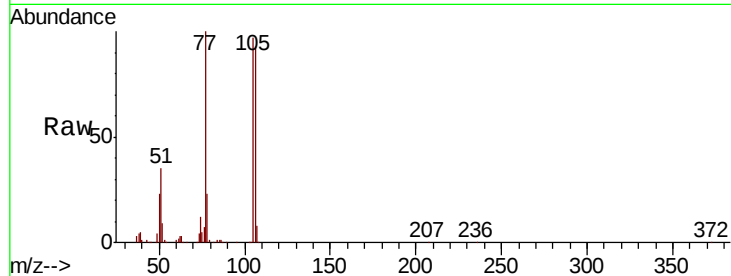
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	147824
Ion	Ratio	Lower	Upper
77	100		
105	97.1	68.5	108.5
106	92.8	71.6	111.6

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#10

Phenol

Concen: 41.152 ng

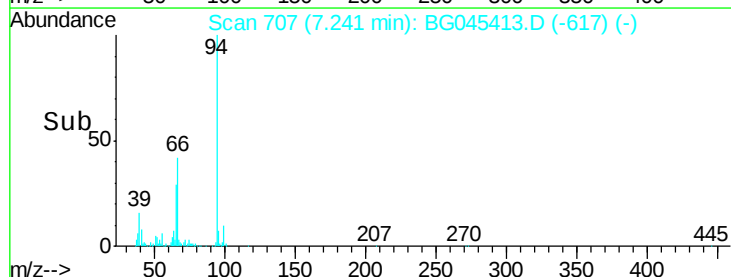
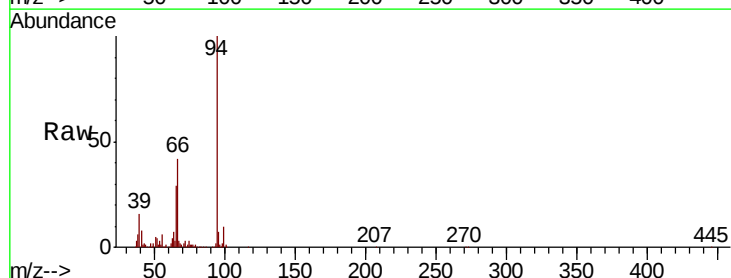
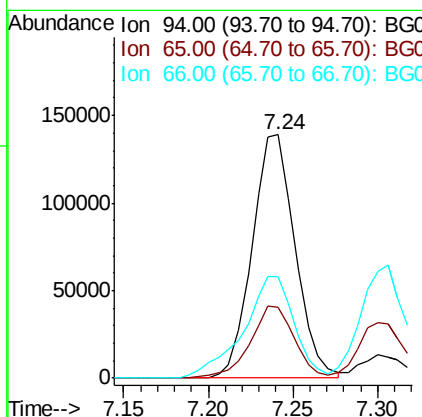
RT: 7.24 min Scan# 707

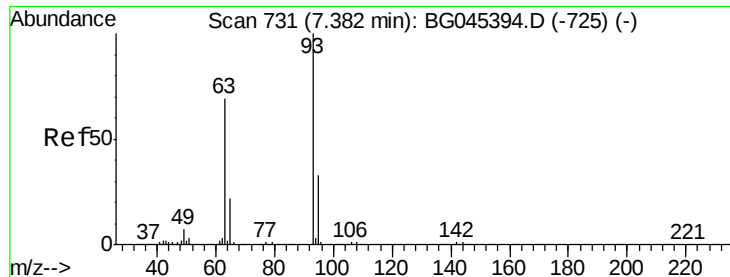
Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Tgt Ion:	94	Resp:	244341
Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.8	49.8
66	41.7	22.0	62.0





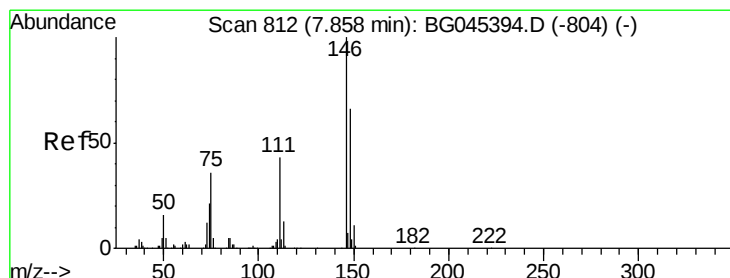
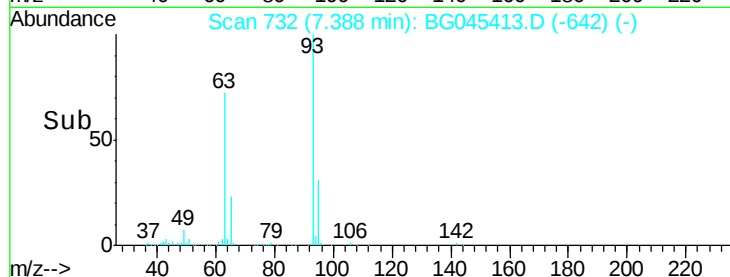
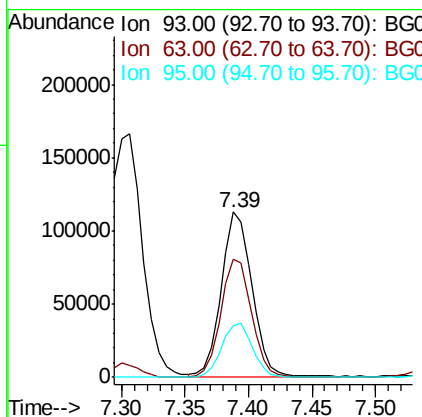
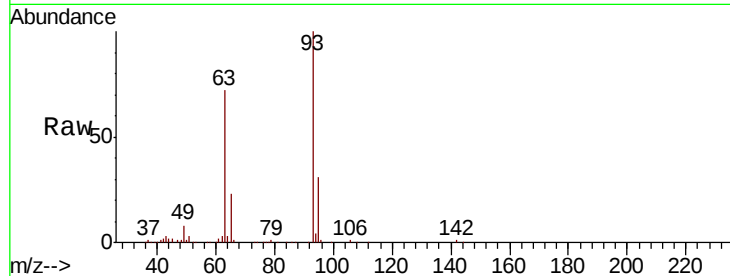
#11
bis(2-Chloroethyl)ether
Concen: 40.532 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	187716
Ion Ratio	Lower	Upper	
93	100		
63	71.7	48.4	88.4
95	31.0	12.4	52.4

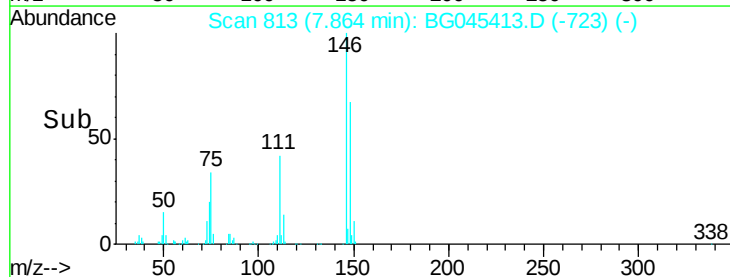
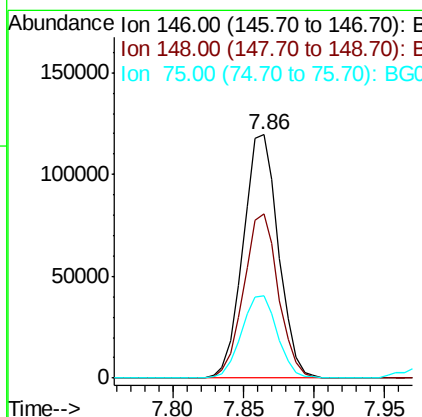
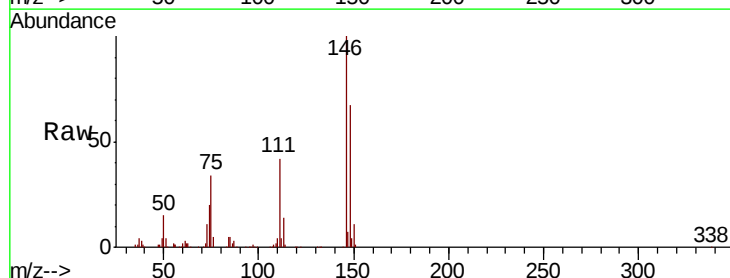
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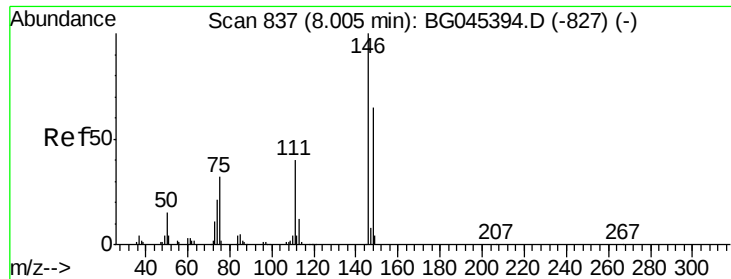
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.203 ng
RT: 7.86 min Scan# 813
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion:	146	Resp:	209114
Ion Ratio	Lower	Upper	
146	100		
148	67.3	53.2	79.8
75	33.8	28.6	43.0





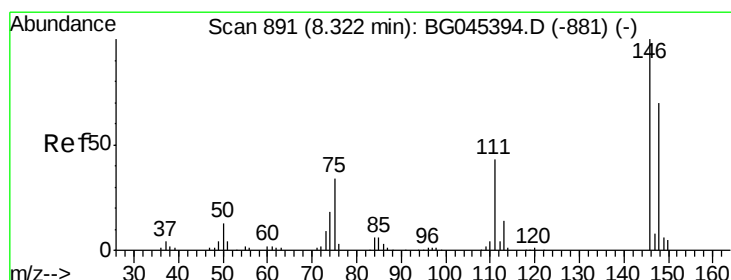
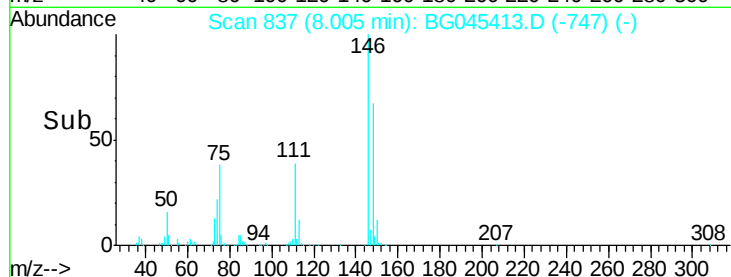
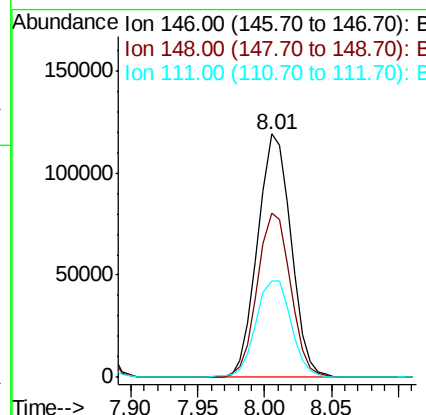
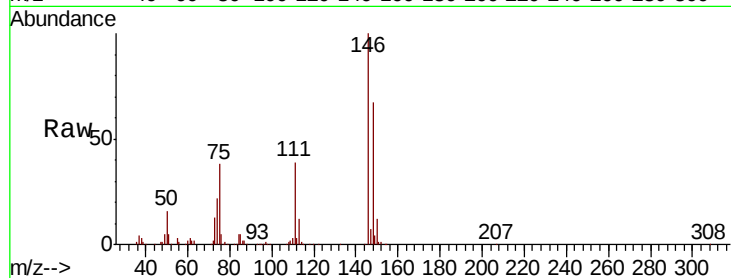
#13
 1,4-Dichlorobenzene
 Concen: 39.297 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		206863		
148	67.3	51.8		77.8	
111	39.3	32.1		48.1	

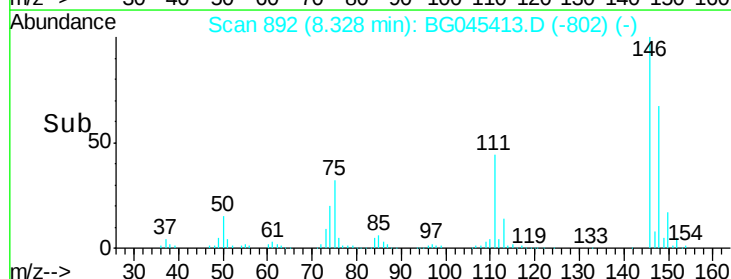
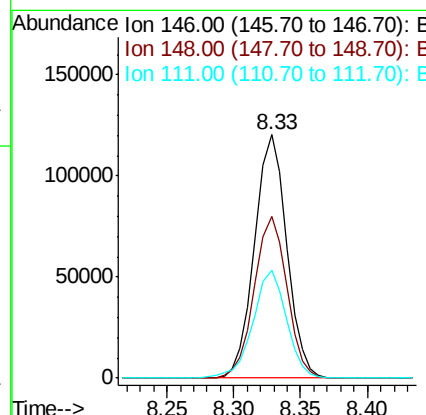
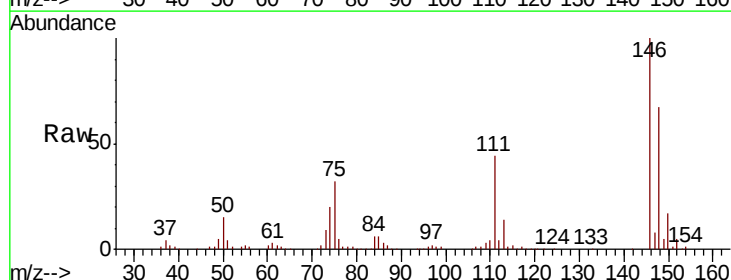
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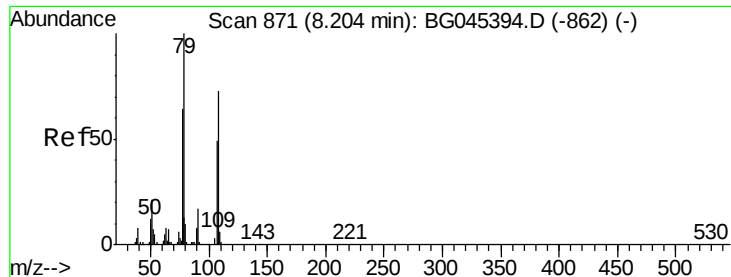
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.700 ng
 RT: 8.33 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		200999		
148	66.6	55.9		83.9	
111	44.1	35.0		52.4	





#15

Benzyl Alcohol

Concen: 42.861 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

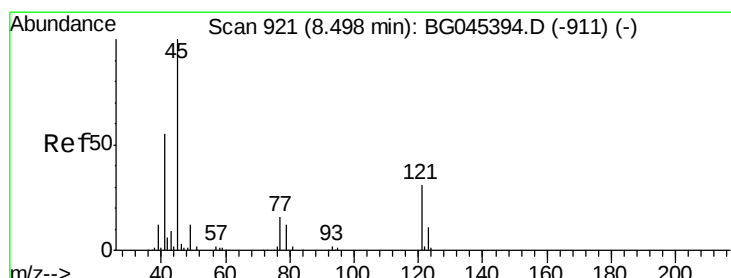
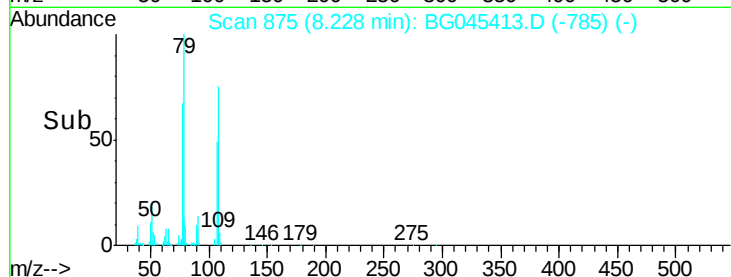
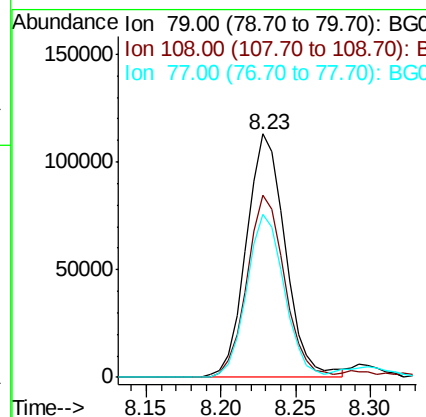
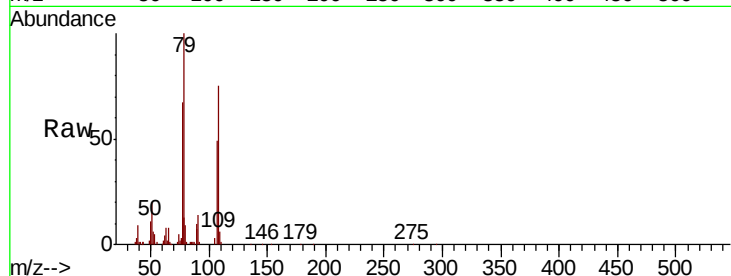
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	203981
Ion	Ratio	Lower	Upper
79	100		
108	74.9	58.2	87.4
77	67.0	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.708 ng

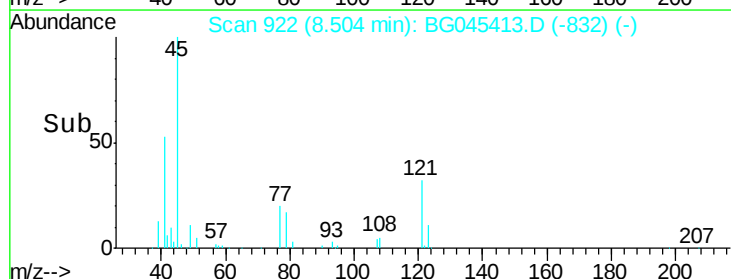
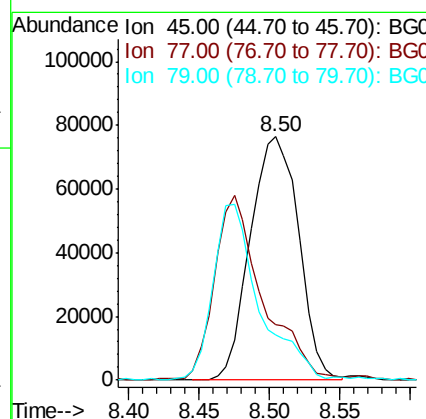
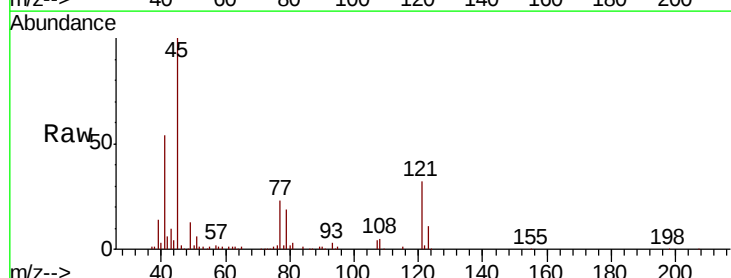
RT: 8.50 min Scan# 922

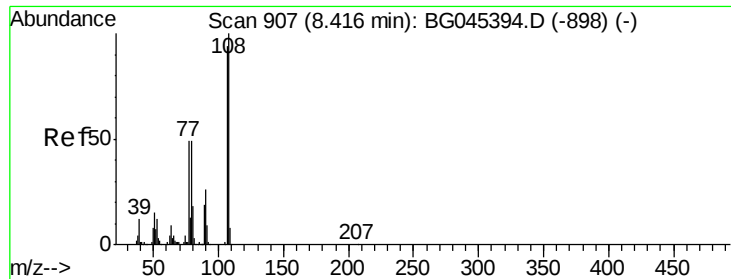
Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Tgt Ion:	45	Resp:	183354
Ion	Ratio	Lower	Upper
45	100		
77	22.7	4.0	44.0
79	18.6	0.0	38.6





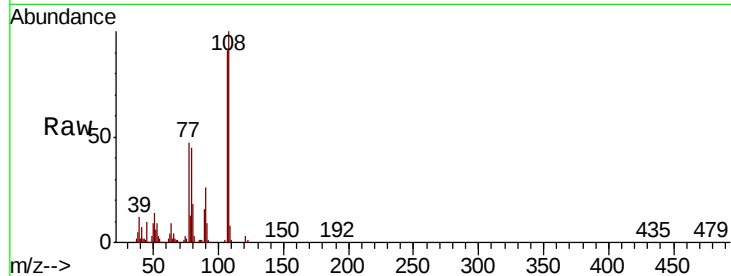
#17
2-Methylphenol
Concen: 42.799 ng
RT: 8.47 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

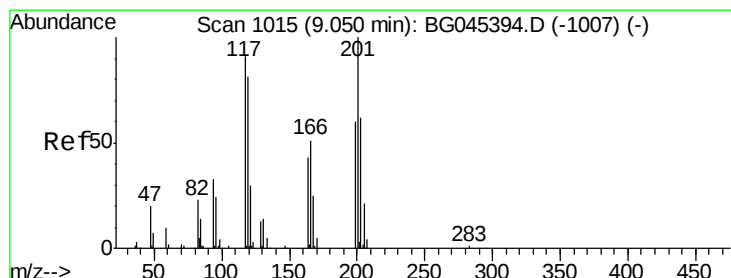
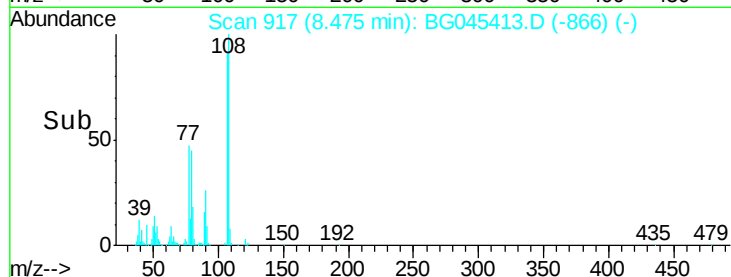
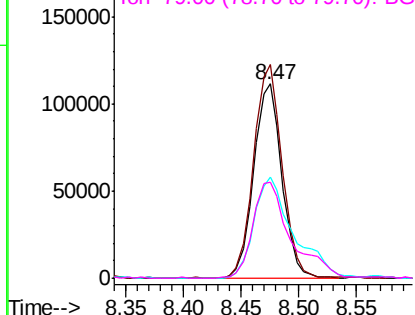
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	85.2	127.8	
77	52.0	41.6	62.4	
79	49.3	41.8	62.8	

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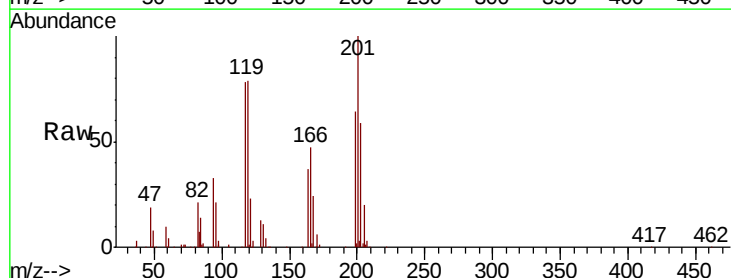


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

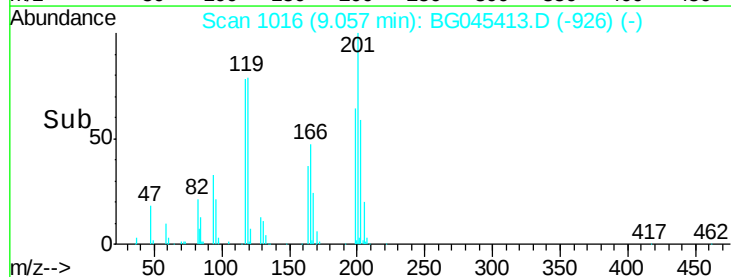
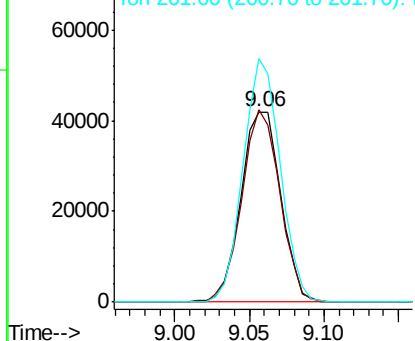


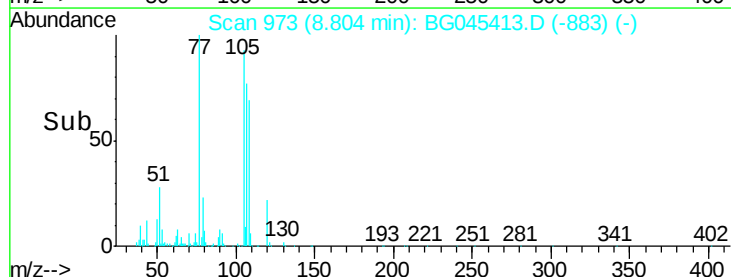
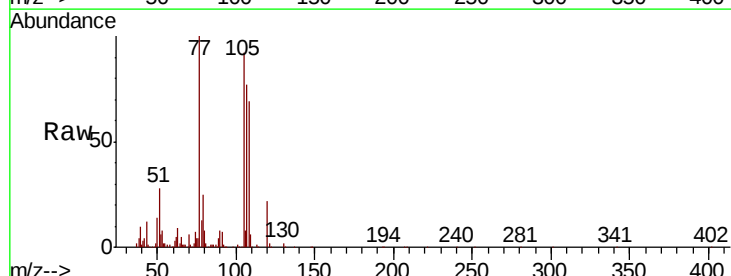
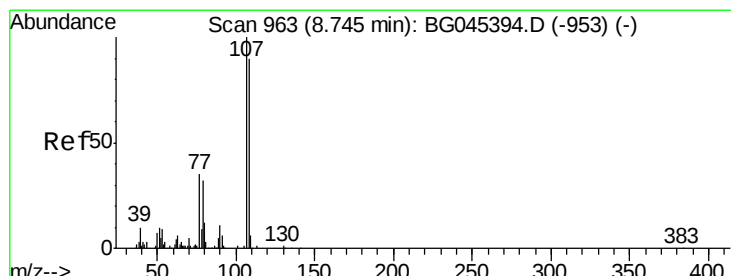
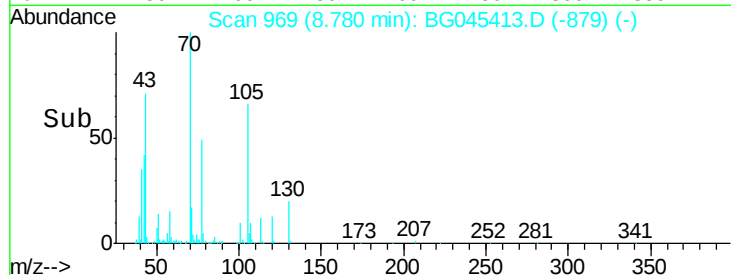
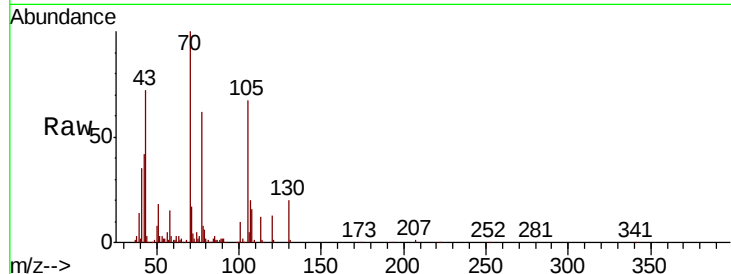
#18
Hexachloroethane
Concen: 38.401 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.9	71.3	106.9	
201	127.9	87.5	131.3	



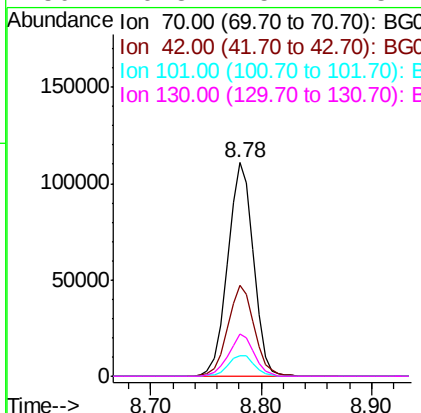
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 45.206 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		180092		
42	42.5	33.2	49.8		
101	9.6	7.8	11.6		
130	19.8	15.4	23.2		



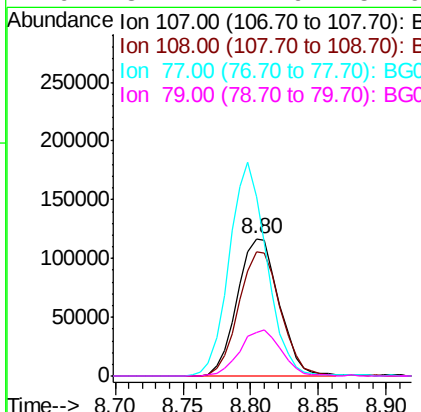
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

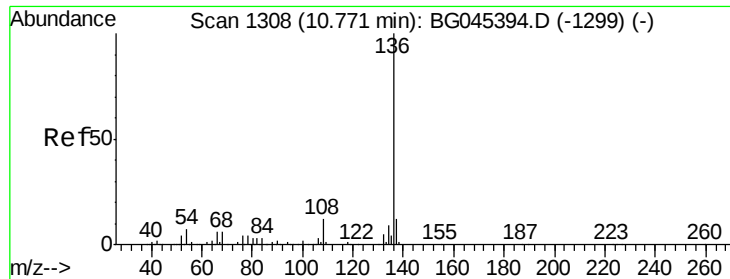
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#20
3+4-Methylphenols
Concen: 41.300 ng m
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		249942		
108	90.6	70.3	110.3		
77	130.6	15.4	55.4#		
79	32.1	12.6	52.6		





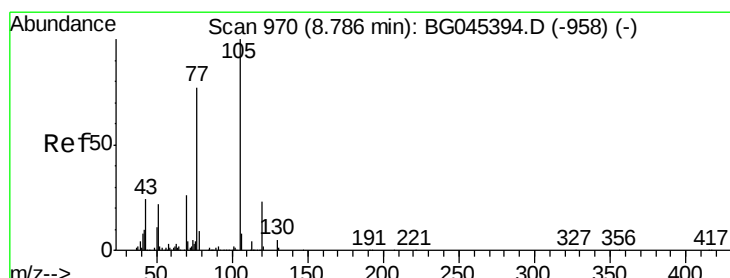
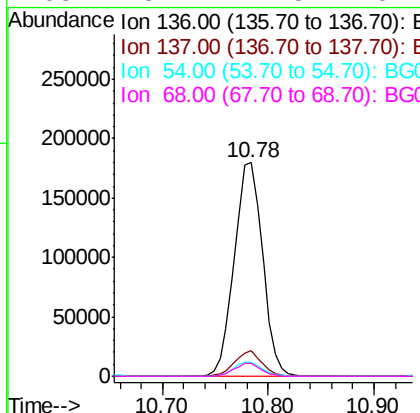
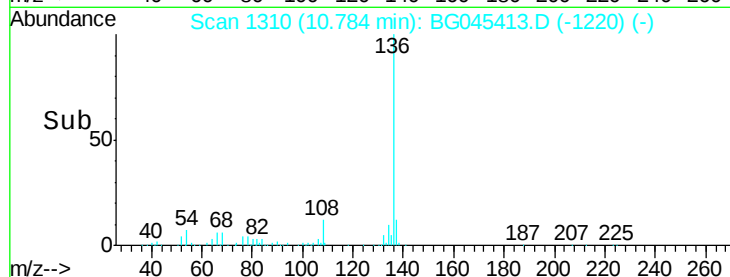
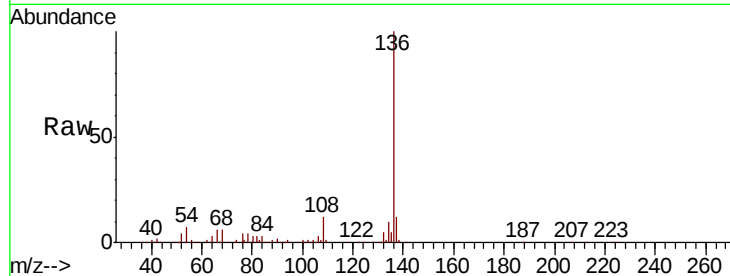
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.9	9.4	14.2	
54	6.7	5.8	8.6	
68	5.7	4.5	6.7	

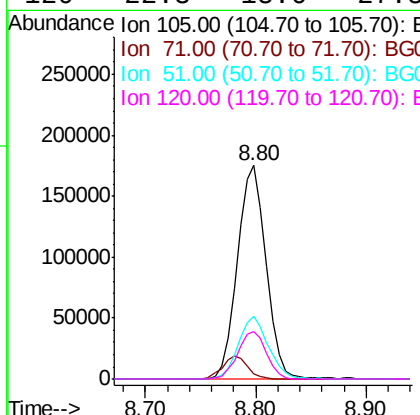
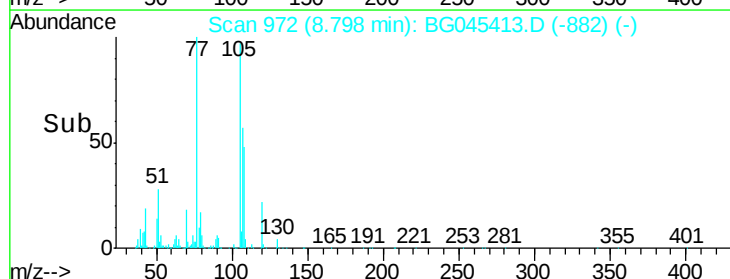
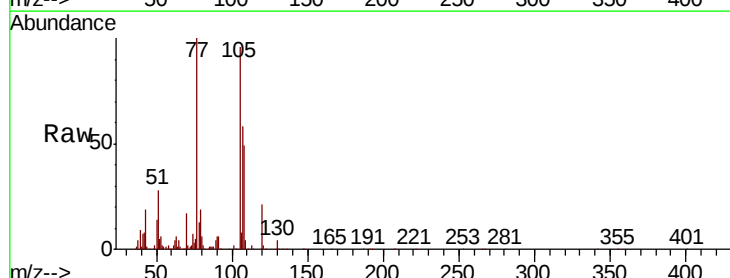
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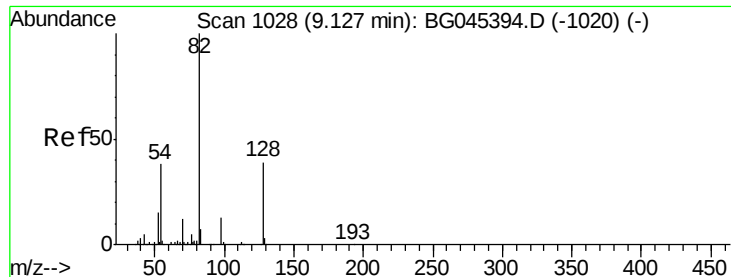
mohammad
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#22
Acetophenone
Concen: 40.371 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.6	3.4	5.0#	
51	29.4	18.2	27.2#	
120	22.3	18.6	27.8	





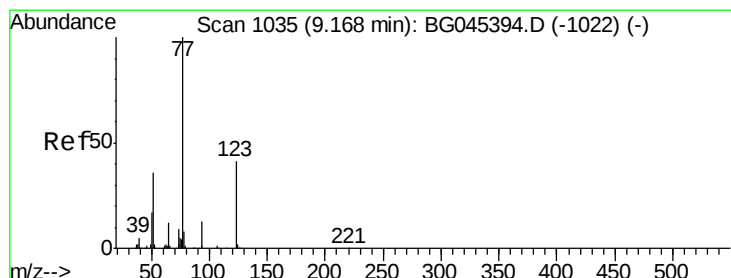
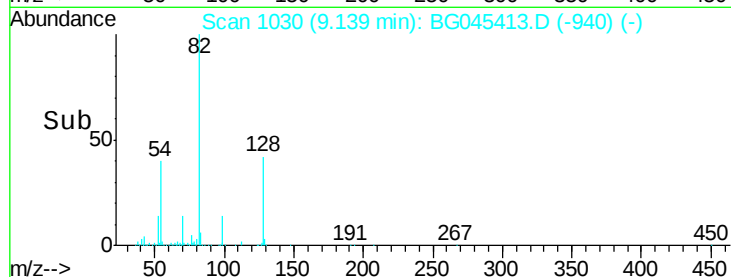
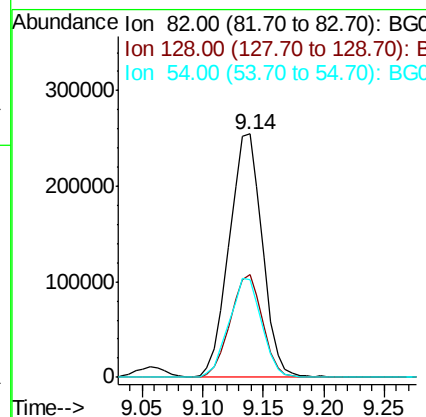
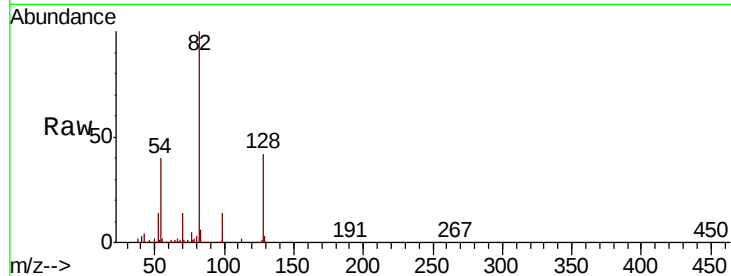
#23
Nitrobenzene-d5
Concen: 79.270 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	30.9	46.3
54	40.1	30.3	45.5

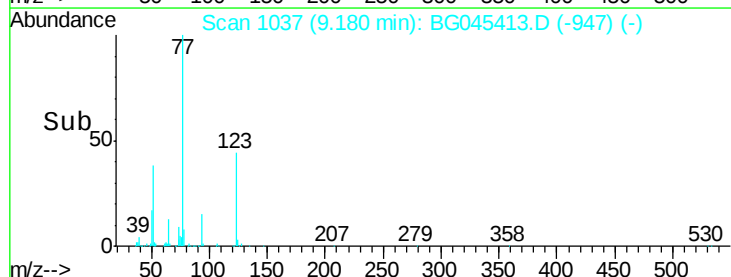
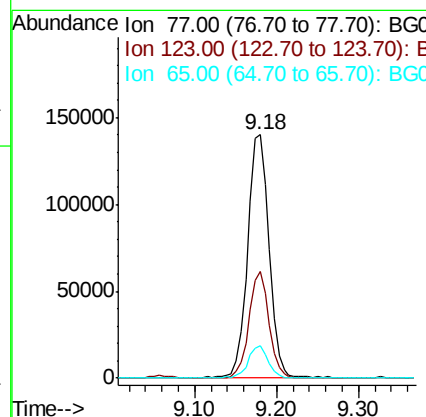
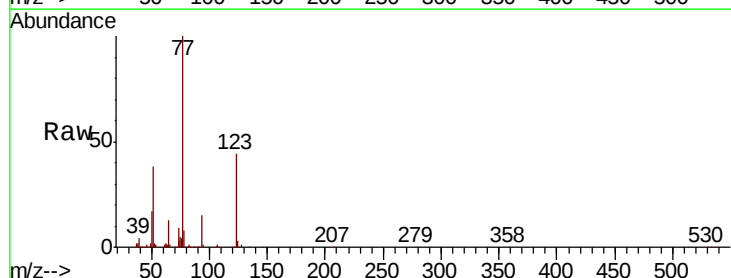
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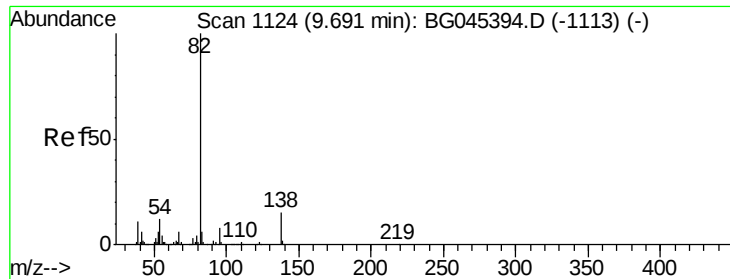
mohammad
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#24
Nitrobenzene
Concen: 39.181 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	32.9	49.3
65	13.1	9.4	14.2





#25

Isophorone

Concen: 41.411 ng

RT: 9.70 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

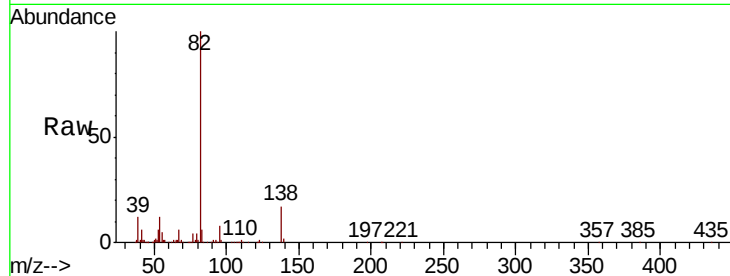
ClientSampleId :

SSTDCCC040

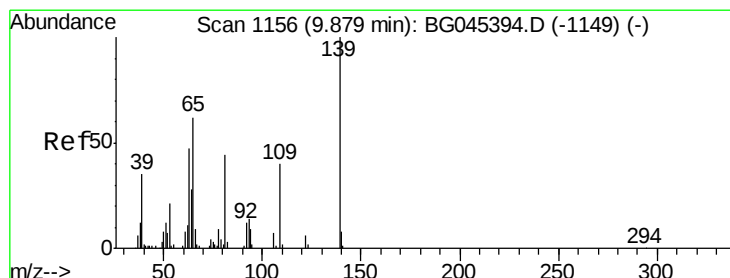
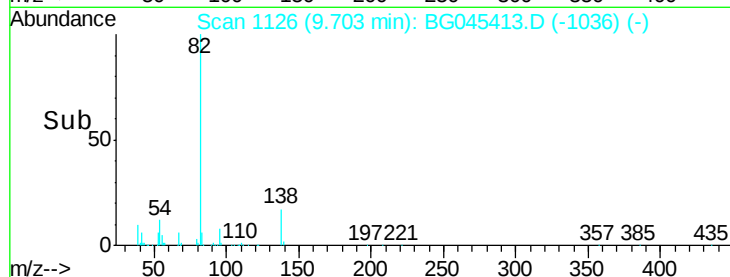
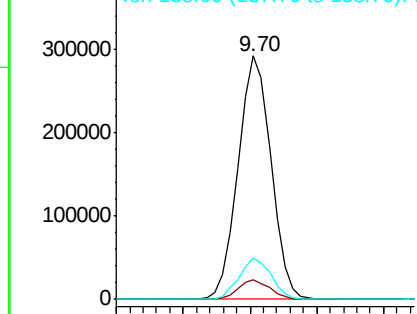
Tot Ion:	82	Resp:	498118
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.7	10.1
138	17.1	12.2	18.4

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.370 ng

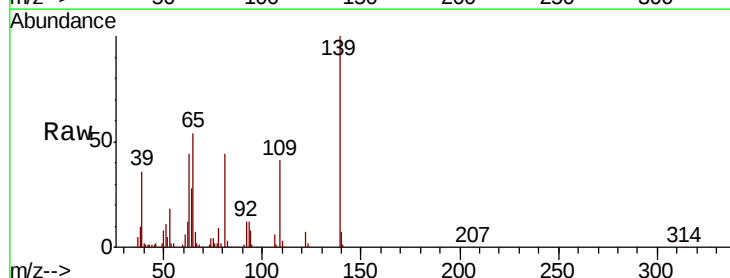
RT: 9.89 min Scan# 1158

Delta R.T. 0.00 min

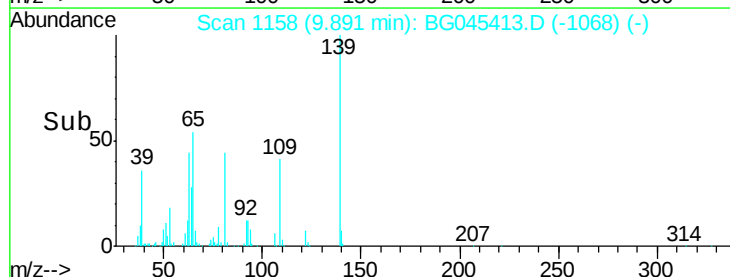
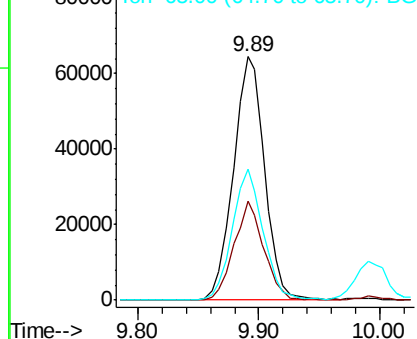
Lab File: BG045413.D

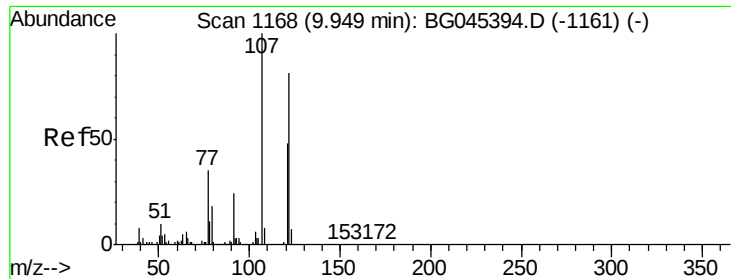
Acq: 18 May 2020 14:54

Tgt Ion:	139	Resp:	115810
Ion Ratio	Lower	Upper	
139	100		
109	40.9	32.2	48.4
65	53.8	49.6	74.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 41.659 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

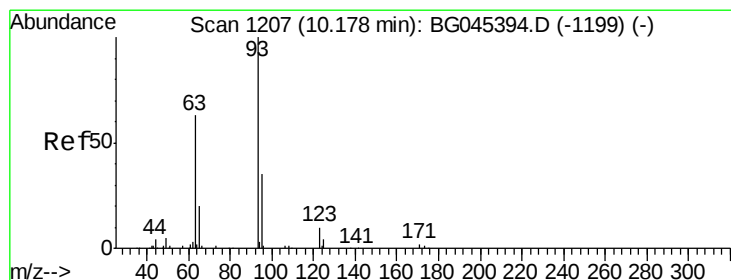
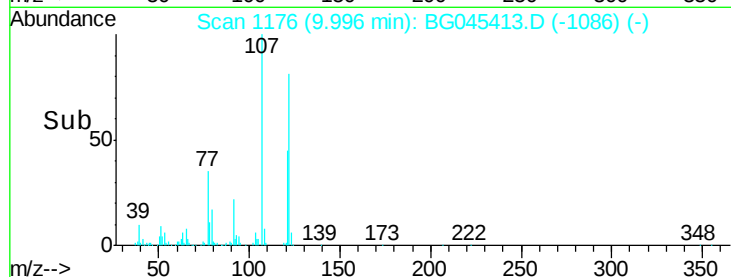
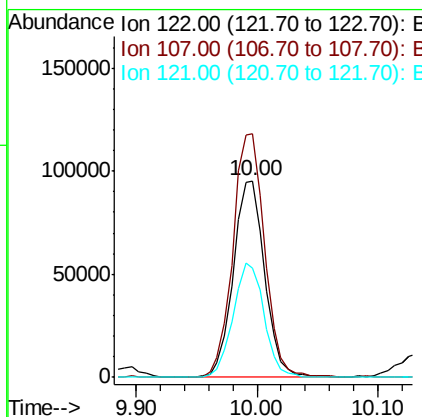
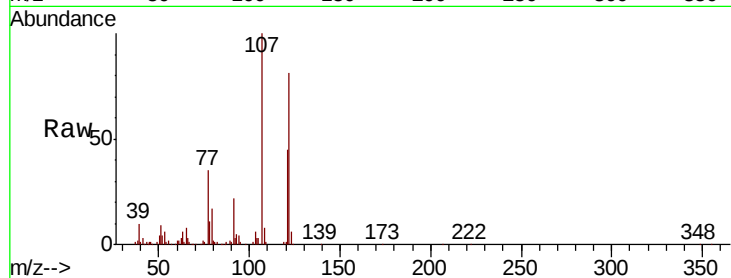
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	172963
Ion Ratio	Lower	Upper	
122	100		
107	123.7	99.0	148.4
121	55.5	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 41.180 ng

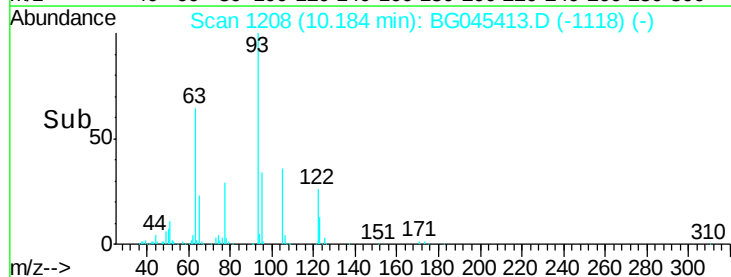
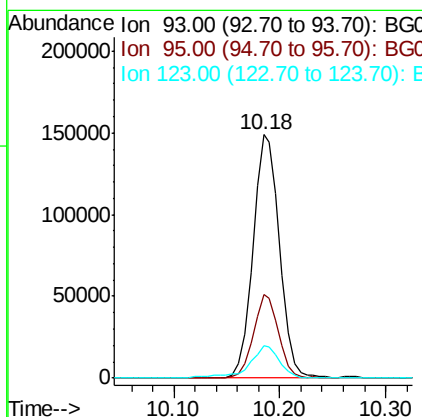
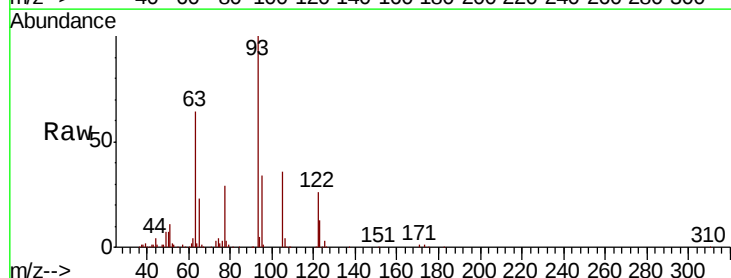
RT: 10.18 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Tgt Ion:	93	Resp:	259770
Ion Ratio	Lower	Upper	
93	100		
95	34.2	27.6	41.4
123	13.5	8.1	12.1#





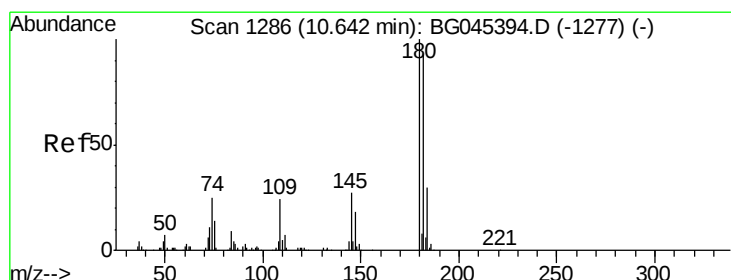
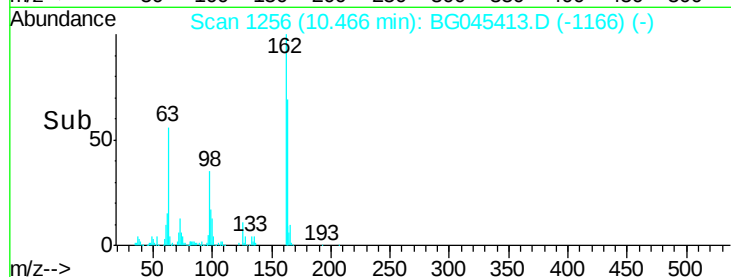
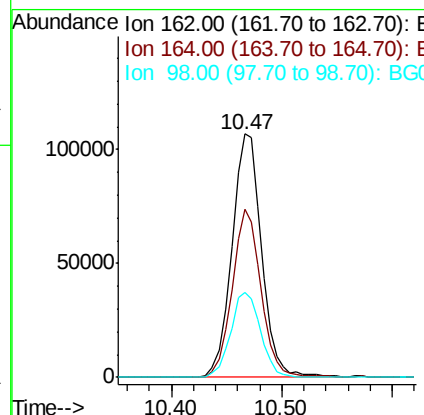
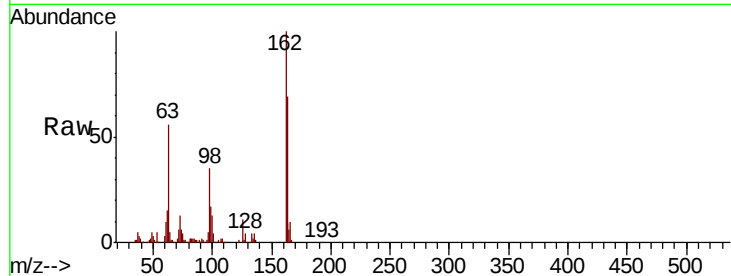
#29
 2,4-Dichlorophenol
 Concen: 40.934 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		200695		
164	69.1	46.8		86.8	
98	35.0	15.2		55.2	

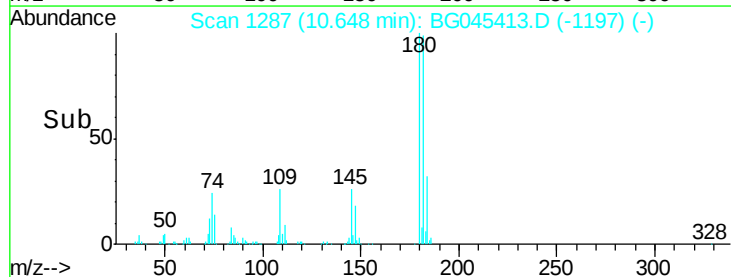
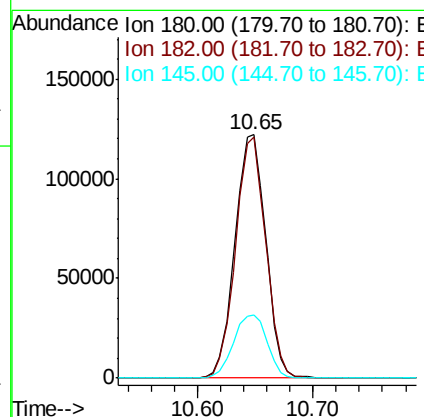
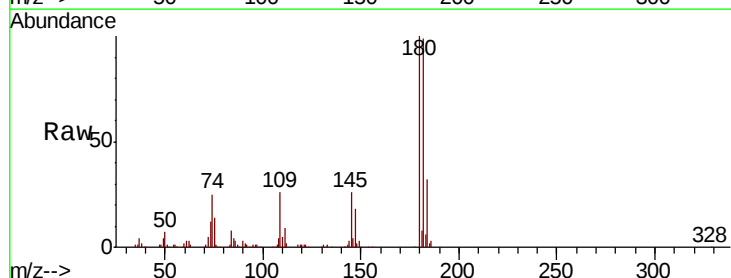
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.997 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		225927		
182	98.9	74.8		112.2	
145	26.0	21.9		32.9	





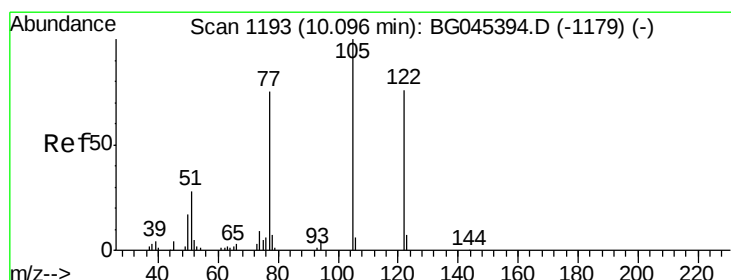
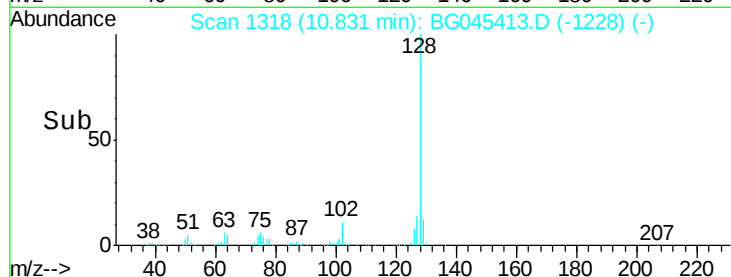
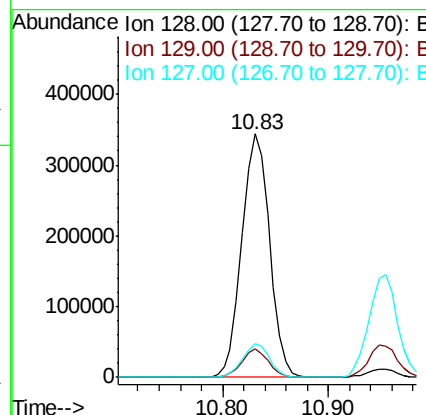
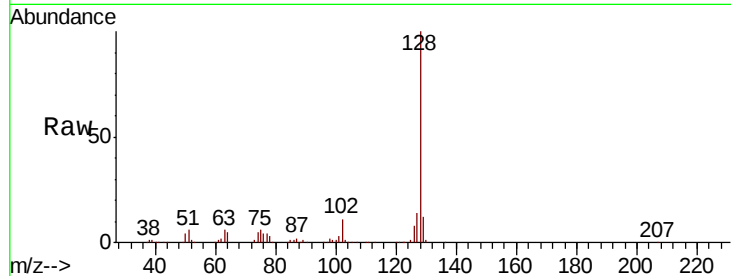
#31
Naphthalene
Concen: 40.344 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.8	10.7	16.1

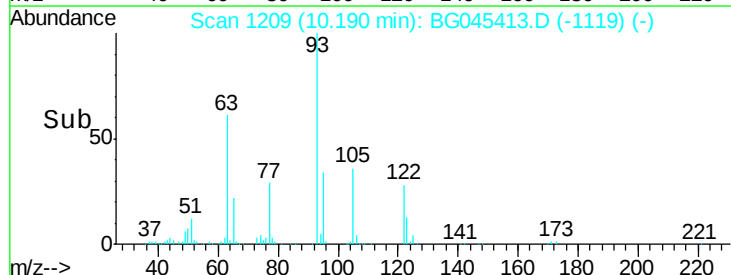
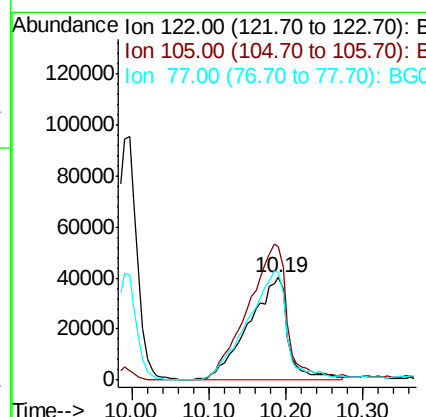
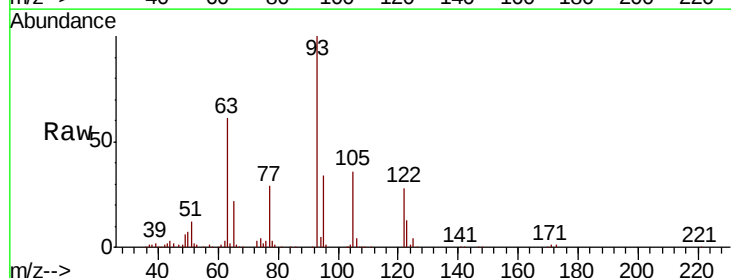
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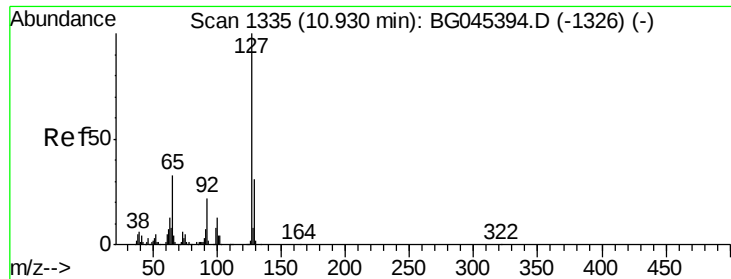
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#32
Benzoic acid
Concen: 50.071 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.6	107.9	147.9
77	105.5	78.9	118.9





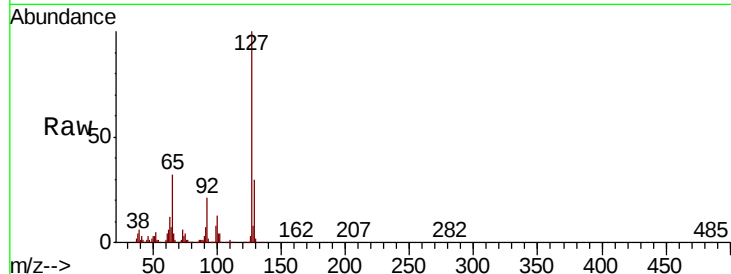
#33
4-Chloroaniline
Concen: 42.974 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

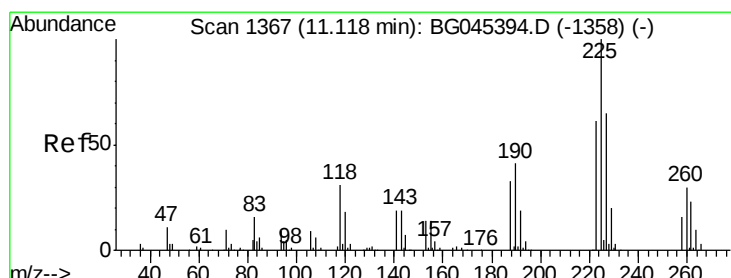
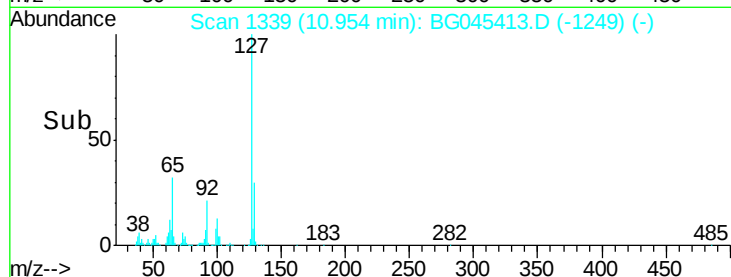
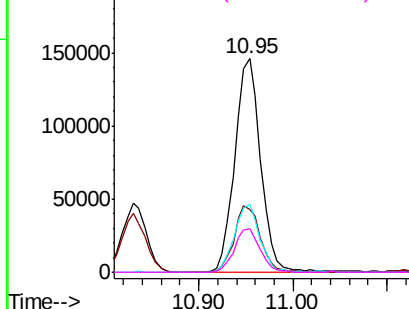
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		278803		
129	29.6	24.7	37.1		
65	31.8	26.2	39.2		
92	20.6	17.9	26.9		

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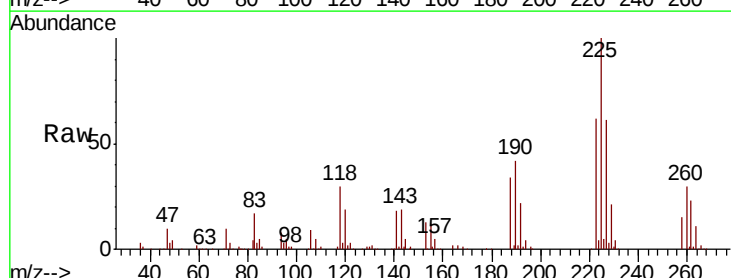


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

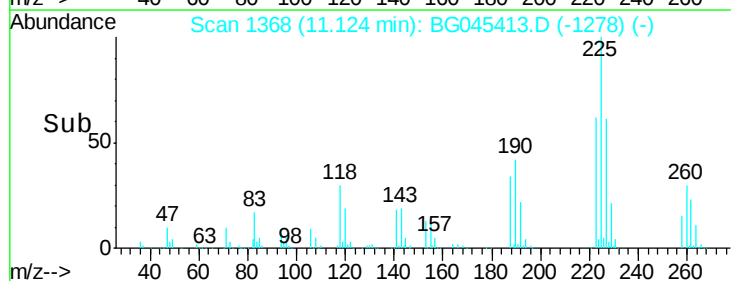
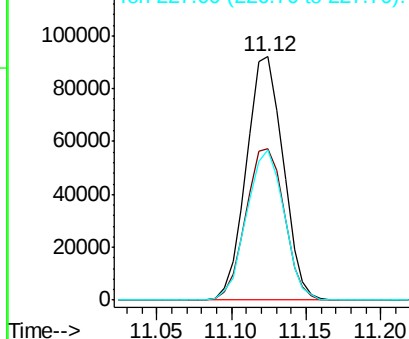


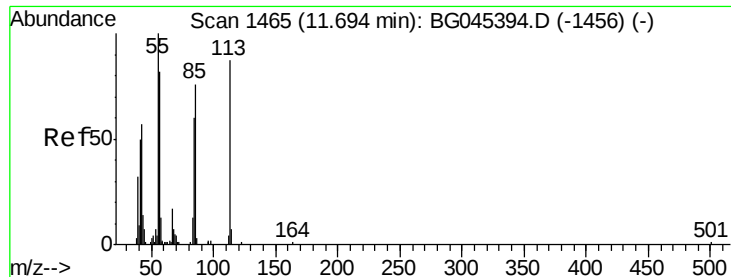
#34
Hexachlorobutadiene
Concen: 38.432 ng
RT: 11.12 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		157386		
223	62.5	49.1	73.7		
227	61.5	52.0	78.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.206 ng

RT: 11.73 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

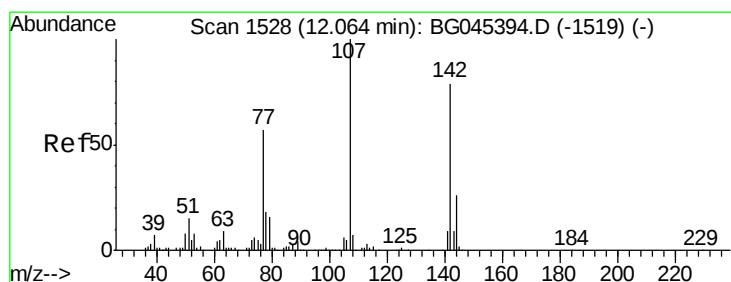
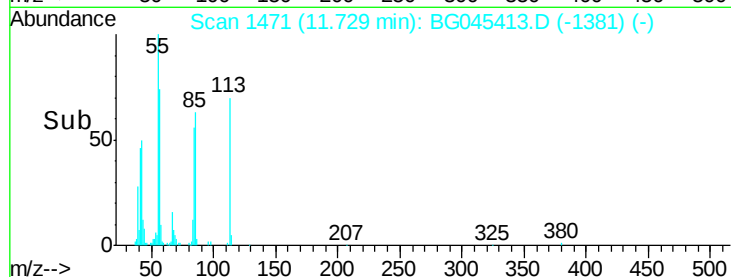
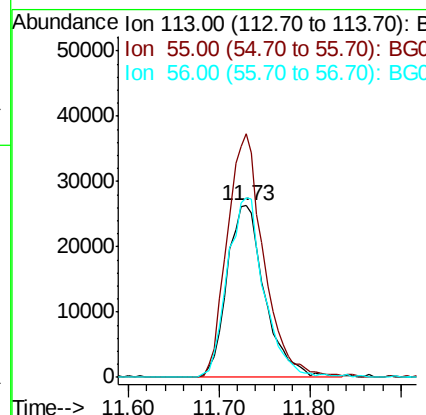
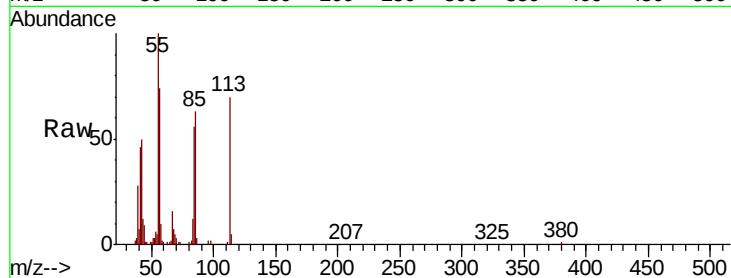
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.1	96.0	136.0#
56	104.8	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 43.115 ng

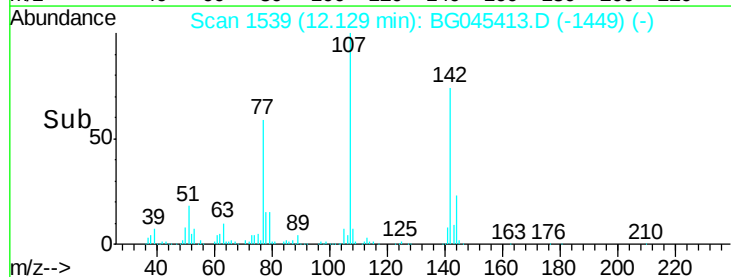
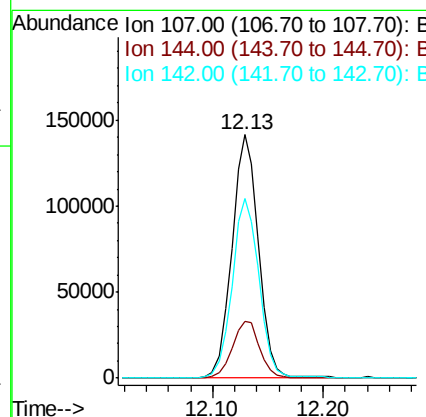
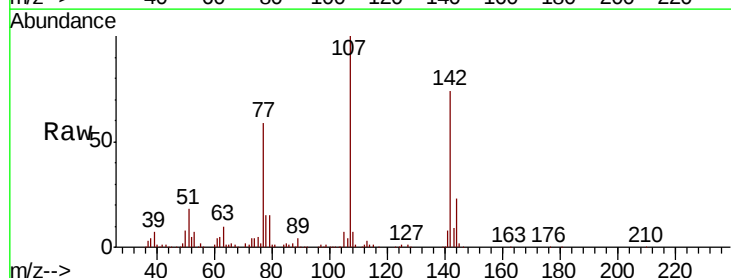
RT: 12.13 min Scan# 1539

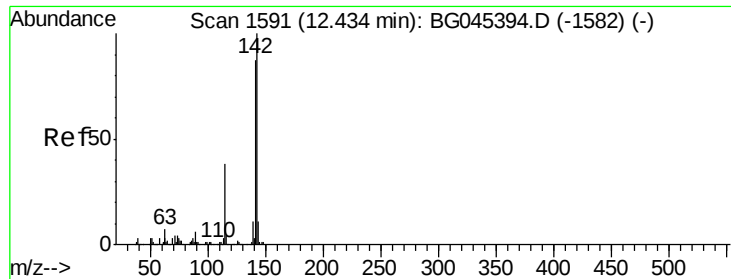
Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	20.8	31.2
142	73.8	62.8	94.2





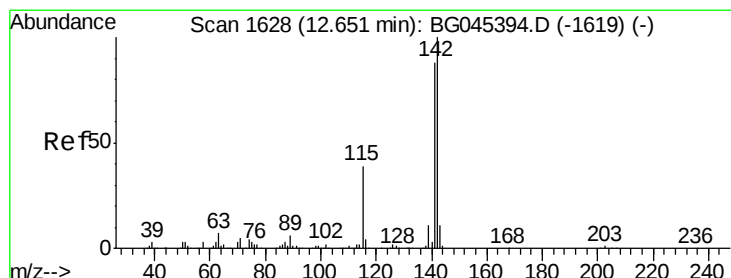
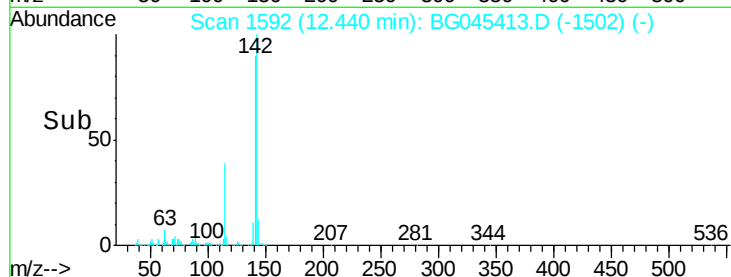
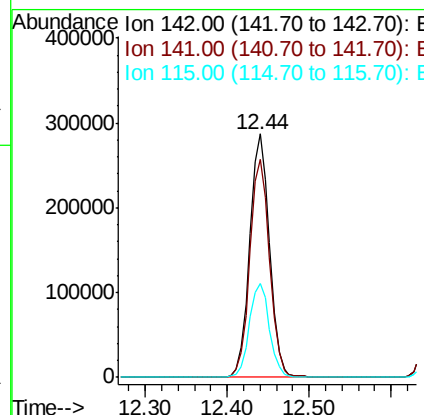
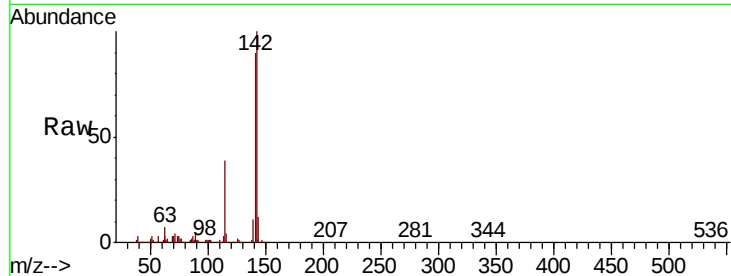
#37
2-Methylnaphthalene
Concen: 41.626 ng
RT: 12.44 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.0	105.0
115	38.7	30.8	46.2

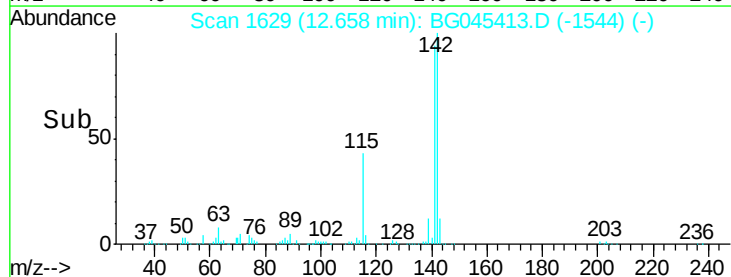
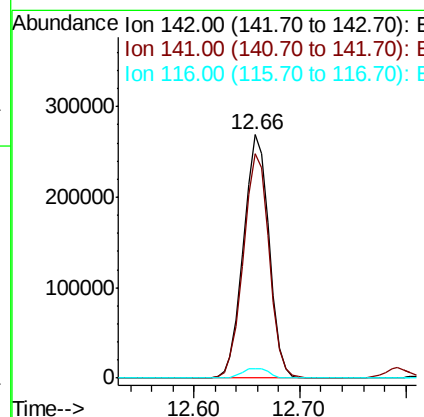
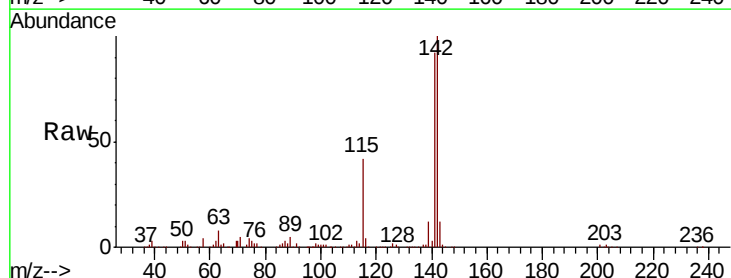
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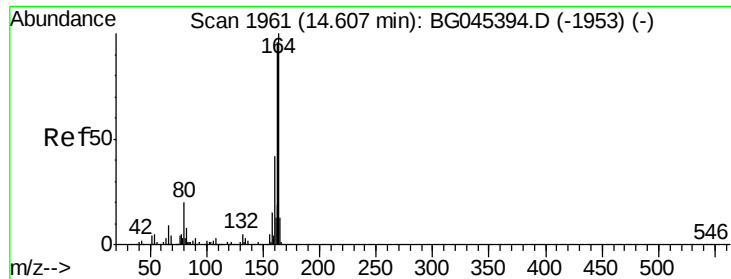
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#38
1-Methylnaphthalene
Concen: 41.229 ng
RT: 12.66 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.8	106.2
116	3.8	3.0	4.6





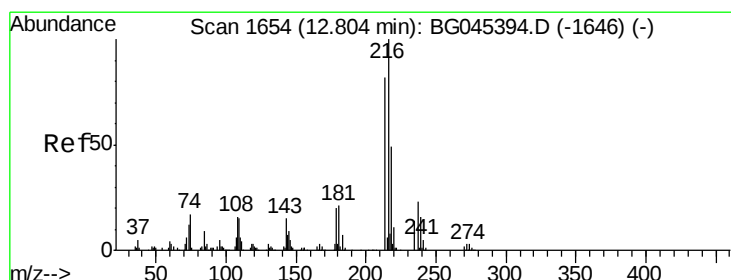
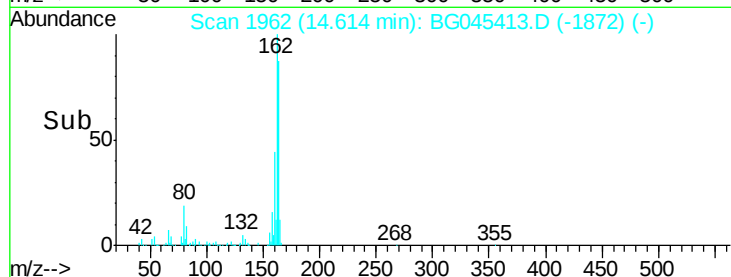
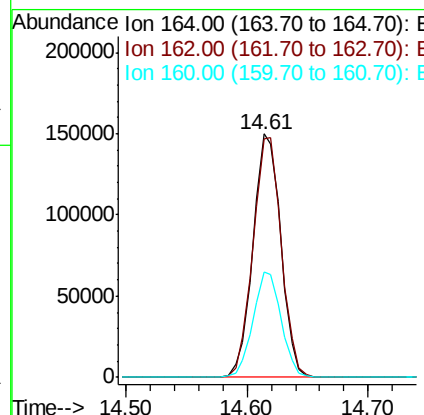
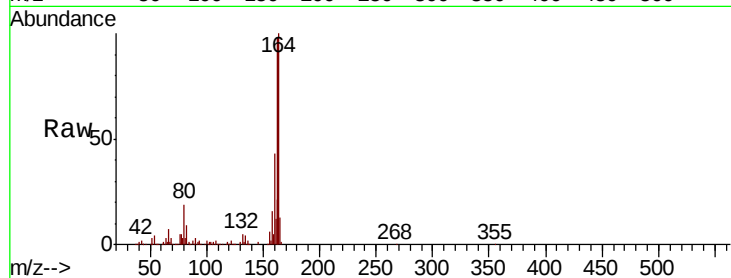
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.1	76.9	115.3
160	43.4	33.8	50.8

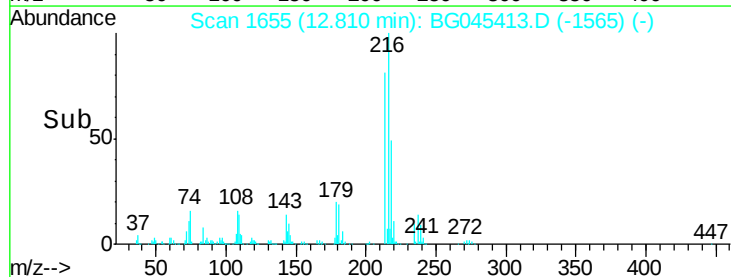
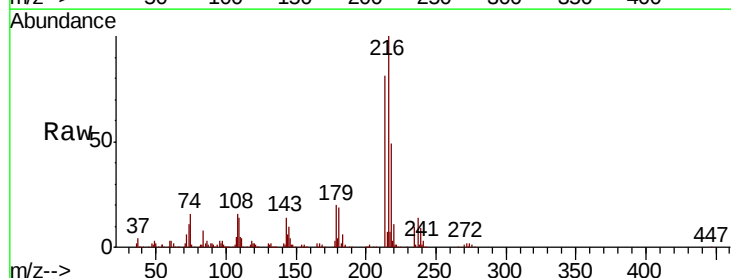
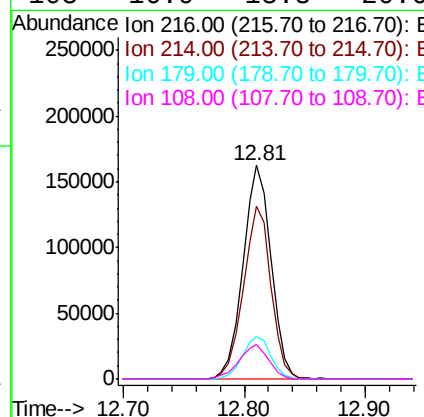
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.129 ng
RT: 12.81 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.7	95.5
179	20.1	16.1	24.1
108	16.9	13.8	20.6





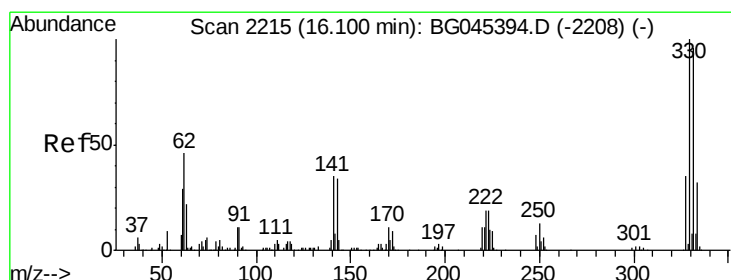
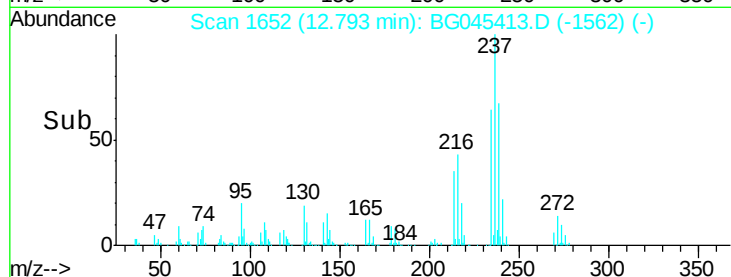
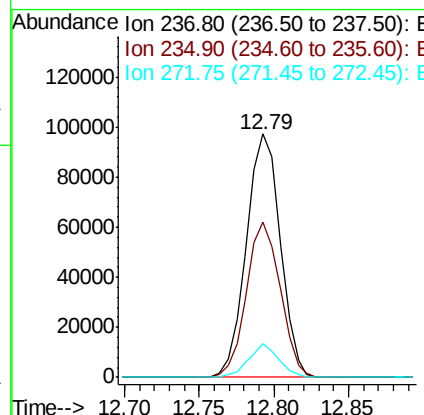
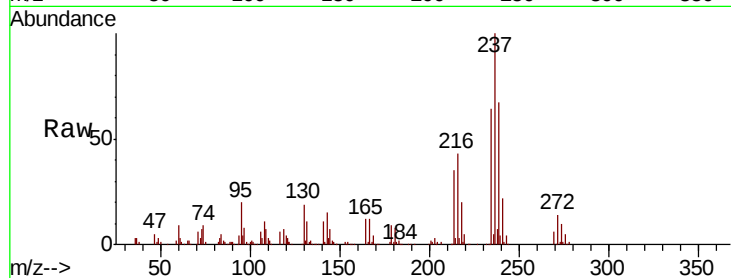
#41
Hexachlorocyclopentadiene
Concen: 39.341 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	44.4	84.4
272	13.8	0.0	32.5

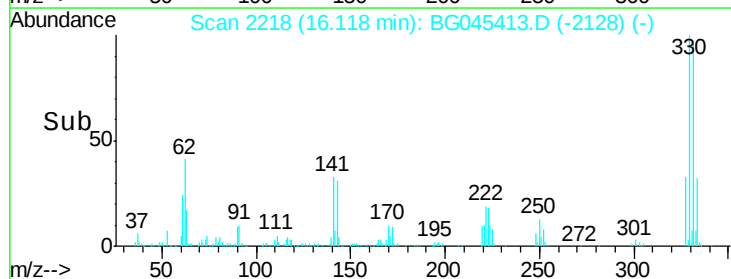
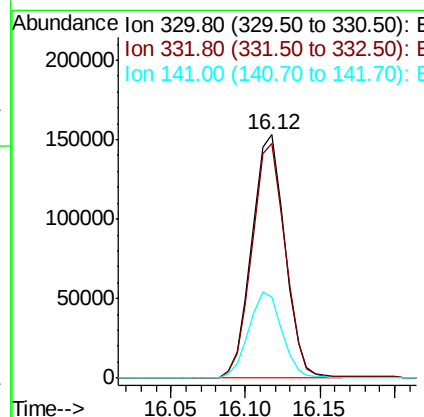
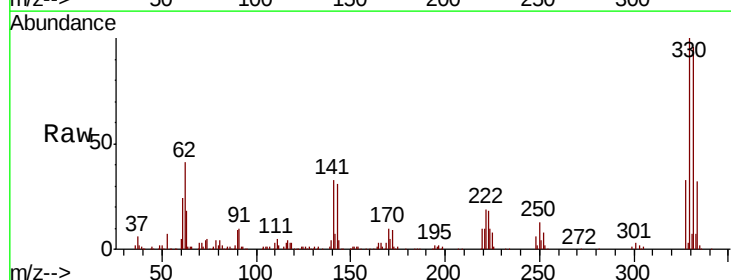
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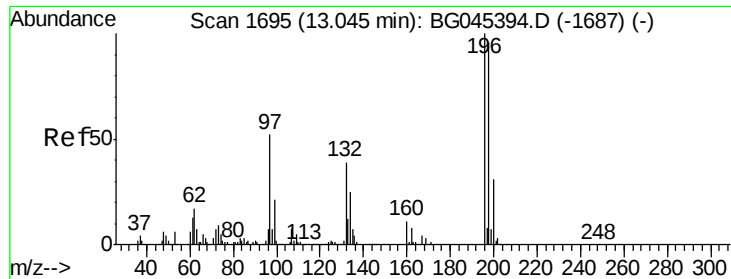
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#42
2,4,6-Tribromophenol
Concen: 76.181 ng
RT: 16.12 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.5	78.2	117.4
141	35.7	28.2	42.4





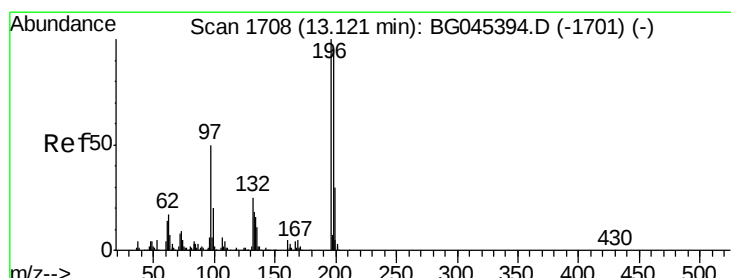
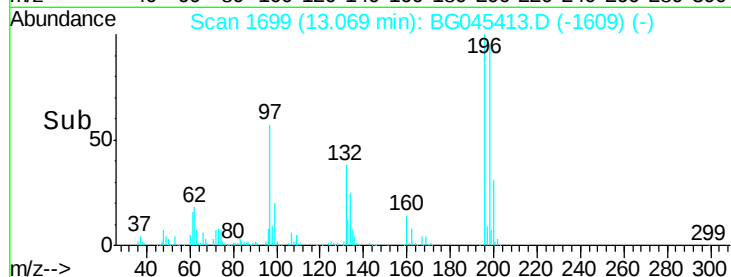
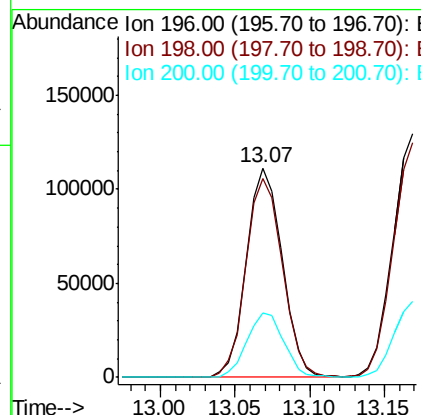
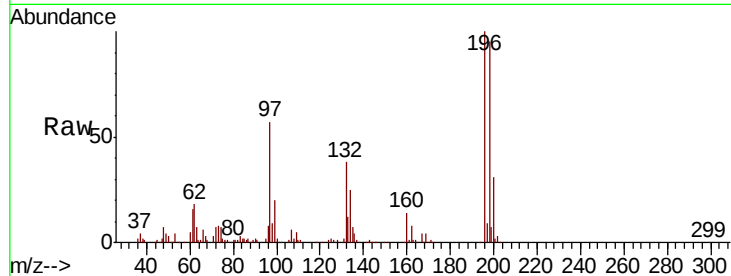
#43
 2,4,6-Trichlorophenol
 Concen: 39.650 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	185124		
198	95.0	76.7	115.1	
200	30.7	24.9	37.3	

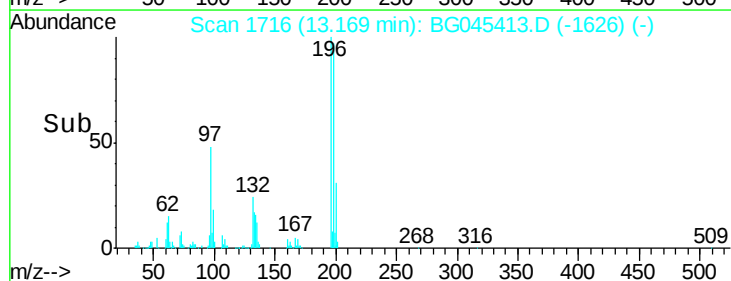
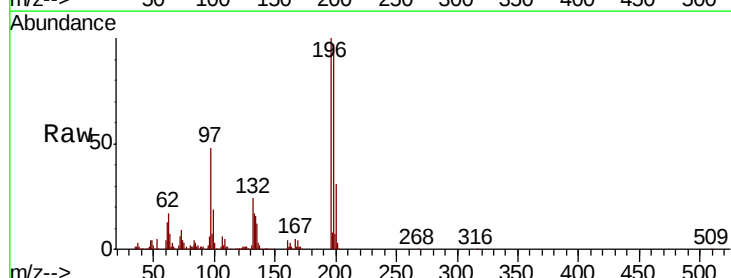
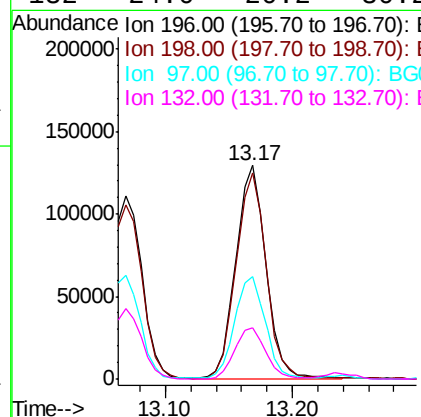
Manual Integrations
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#44
 2,4,5-Trichlorophenol
 Concen: 40.057 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213721		
198	96.6	76.1	114.1	
97	48.1	40.0	60.0	
132	24.0	20.2	30.2	





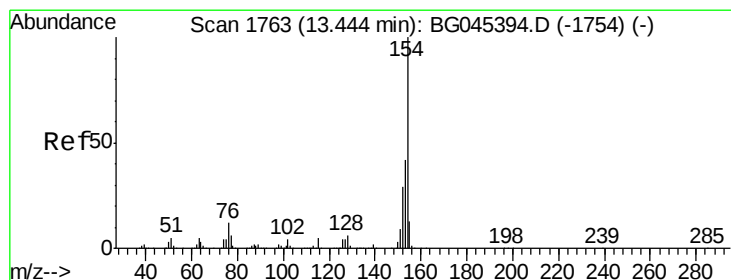
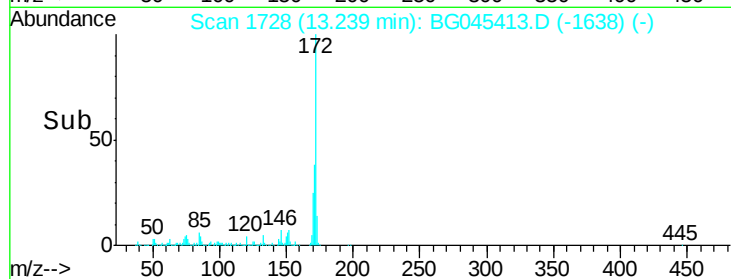
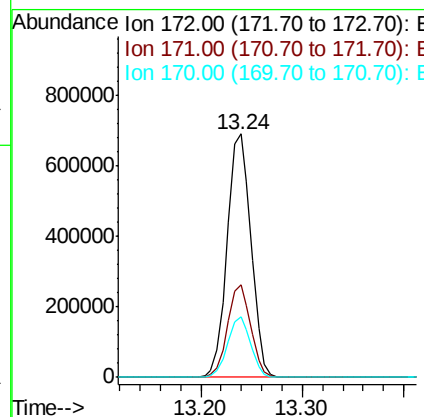
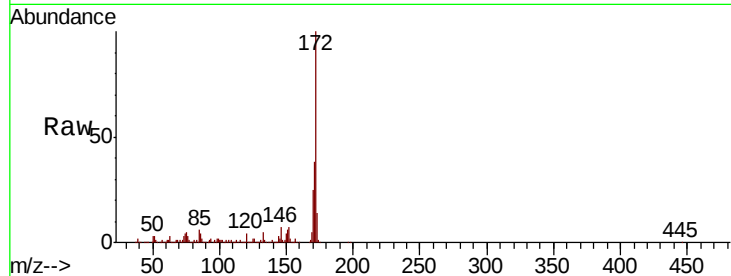
#45
2-Fluorobiphenyl
Concen: 79.212 ng
RT: 13.24 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.5	44.3
170	25.0	18.5	27.7

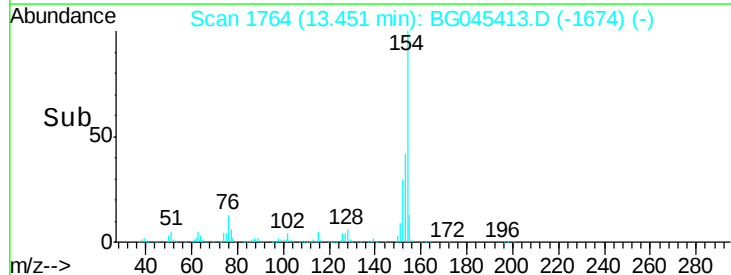
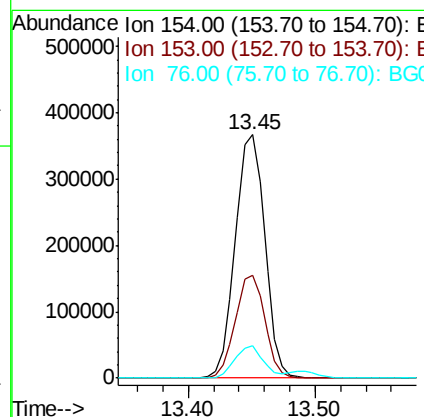
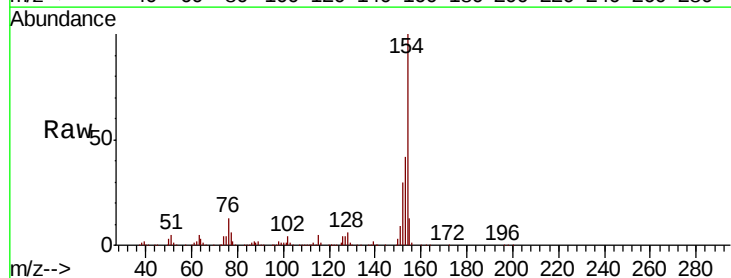
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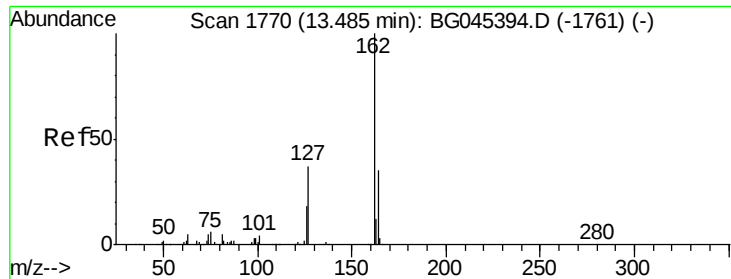
mohammad
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#46
1,1'-Biphenyl
Concen: 40.086 ng
RT: 13.45 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.2	62.2
76	13.3	0.0	32.4





#47

2-Chloronaphthalene

Concen: 39.882 ng

RT: 13.49 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

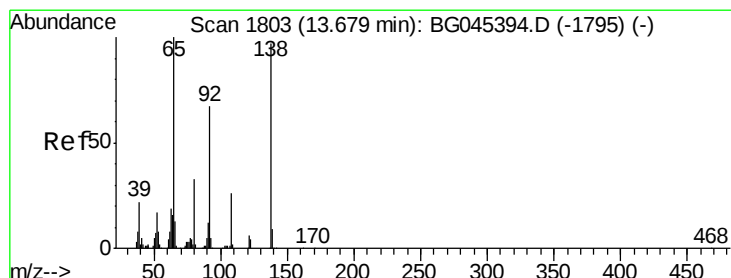
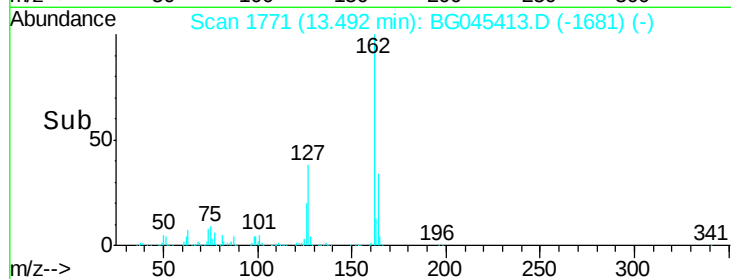
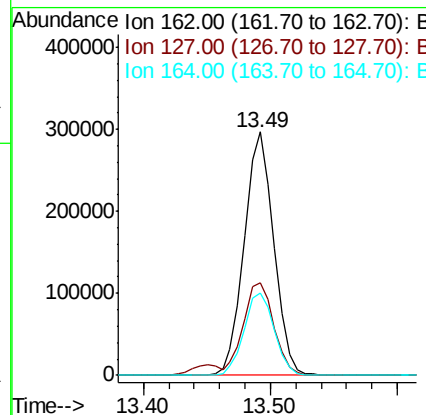
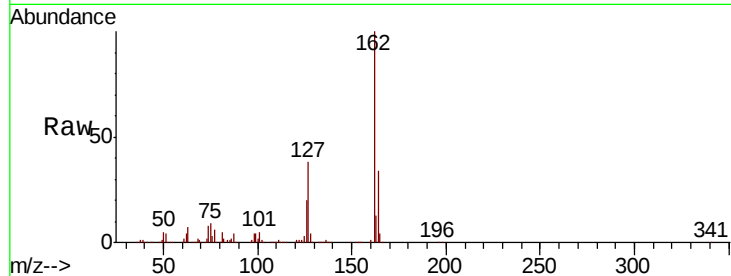
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	478839
Ion Ratio	Lower	Upper	
162	100		
127	38.1	31.6	47.4
164	34.0	28.1	42.1

Manual Integrations
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#48

2-Nitroaniline

Concen: 40.376 ng

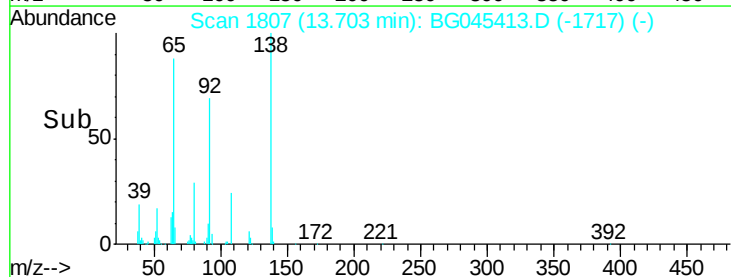
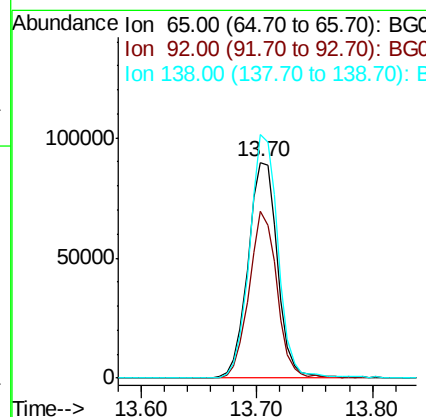
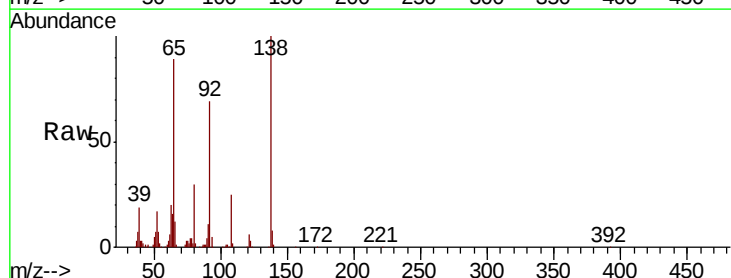
RT: 13.70 min Scan# 1807

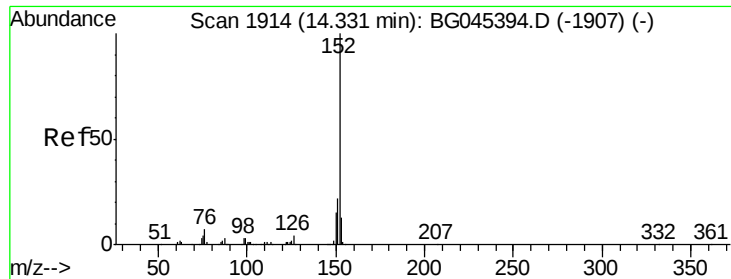
Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Tgt Ion:	65	Resp:	159465
Ion Ratio	Lower	Upper	
65	100		
92	77.4	53.8	80.8
138	112.8	77.9	116.9





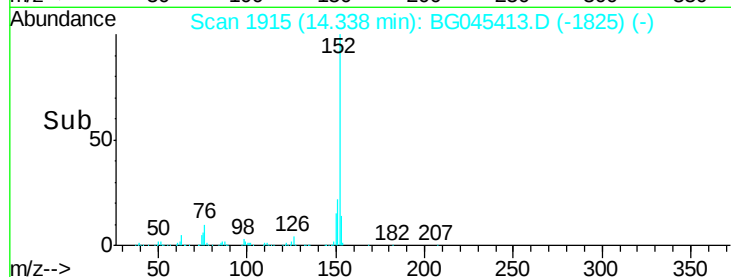
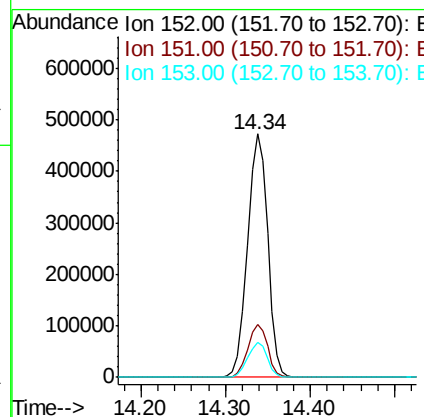
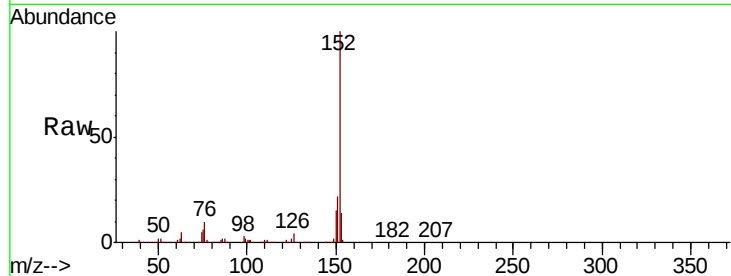
#49
Acenaphthylene
Concen: 40.337 ng
RT: 14.34 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.4	26.2
153	14.4	10.7	16.1

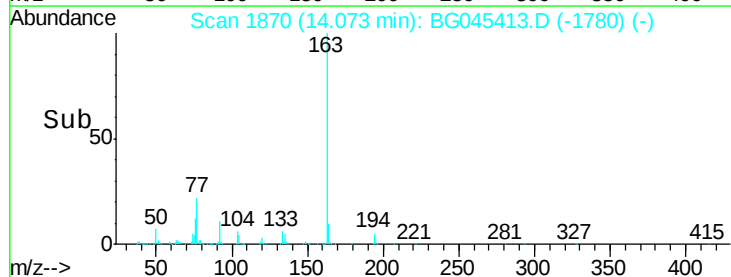
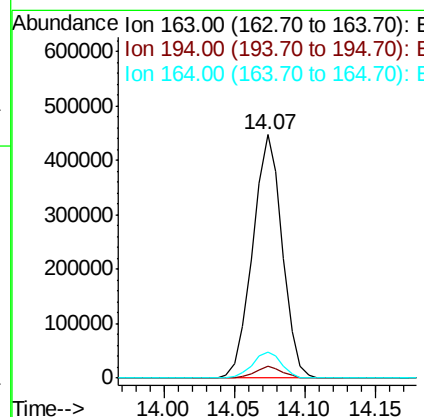
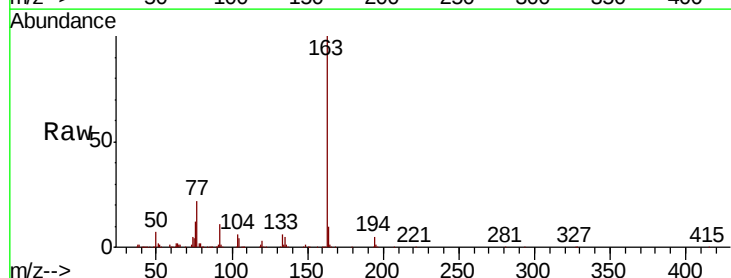
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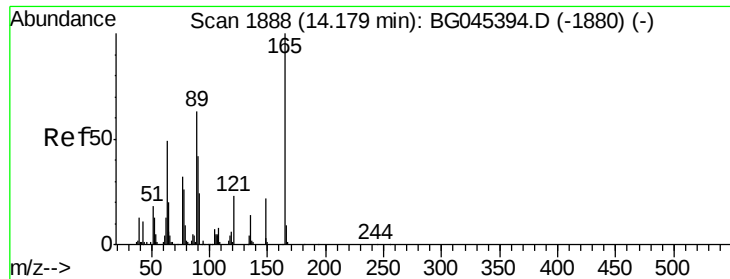
mohammad
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#50
Dimethylphthalate
Concen: 39.758 ng
RT: 14.07 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.2	4.8
164	10.5	8.3	12.5





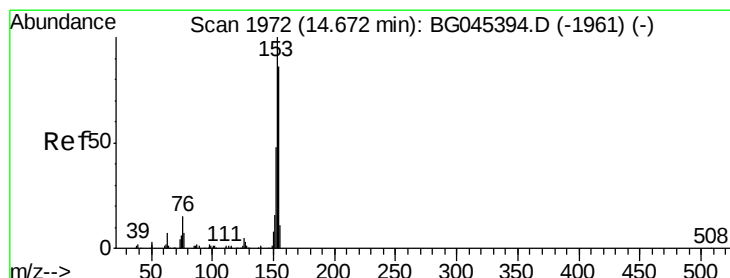
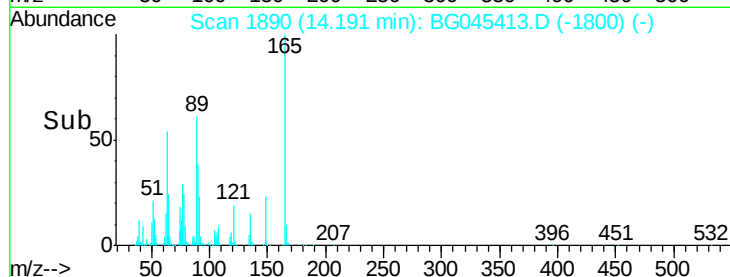
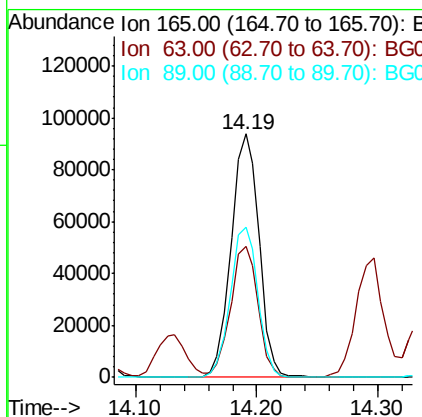
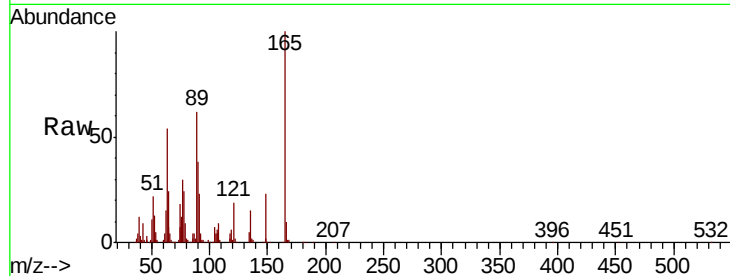
#51
 2,6-Dinitrotoluene
 Concen: 40.442 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.9	45.0	67.4
89	61.6	50.2	75.4

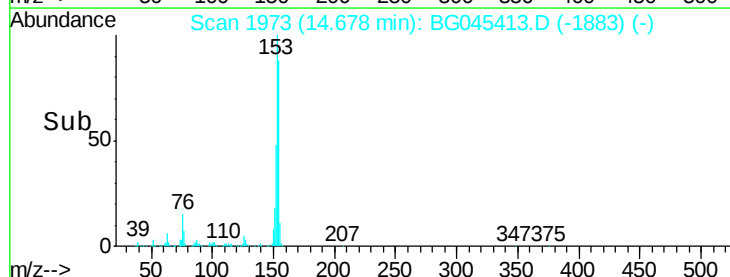
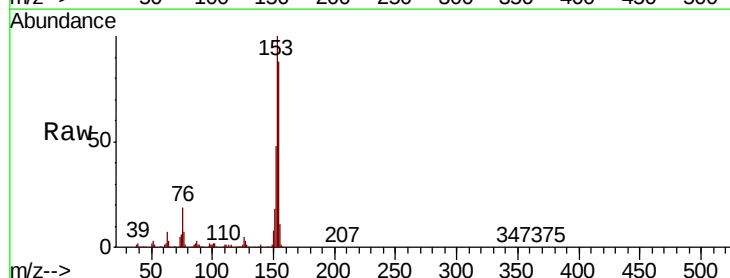
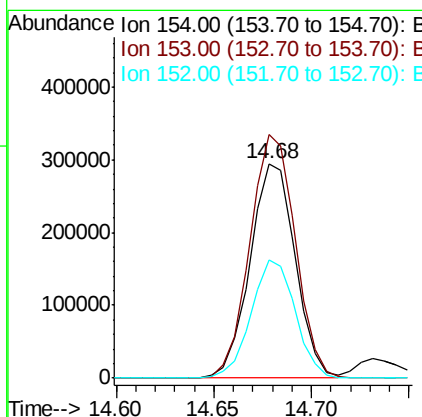
Manual Integrations
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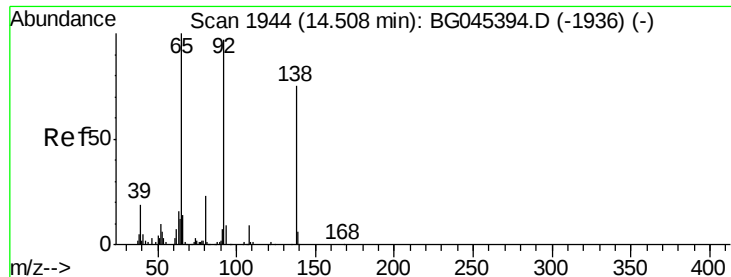
mohammad
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#52
 Acenaphthene
 Concen: 36.621 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	92.8	139.2
152	55.0	44.6	66.8





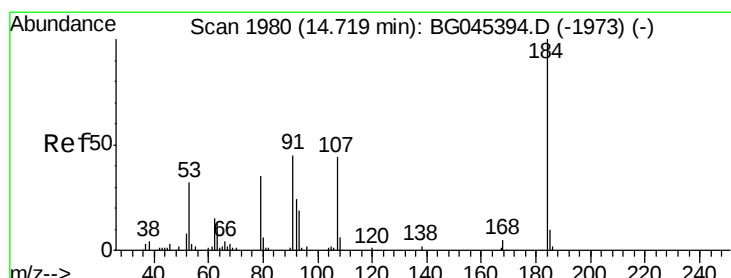
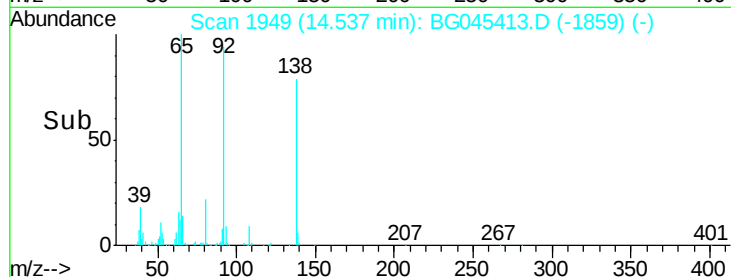
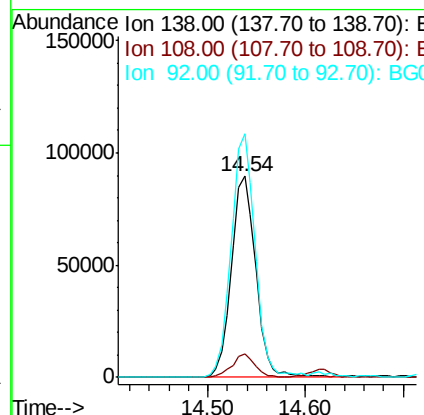
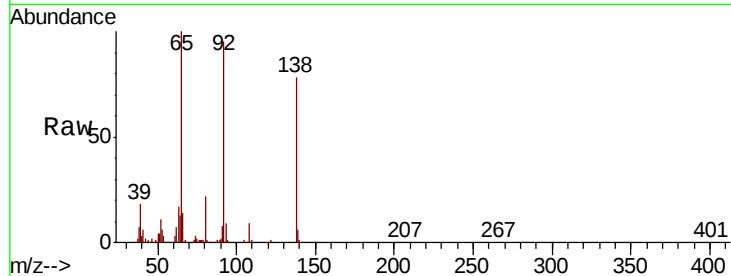
#53
3-Nitroaniline
Concen: 41.315 ng
RT: 14.54 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.8	14.6
92	121.0	103.0	154.4

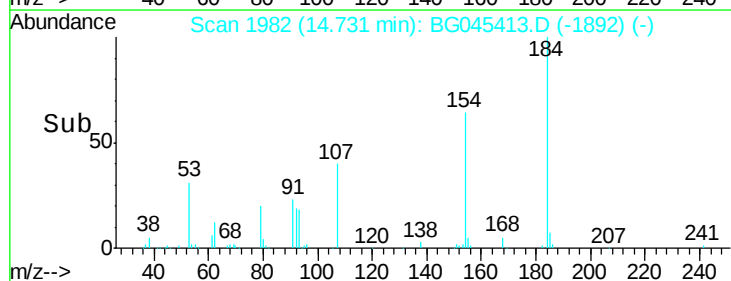
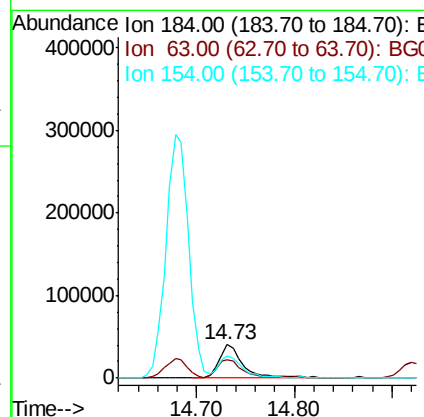
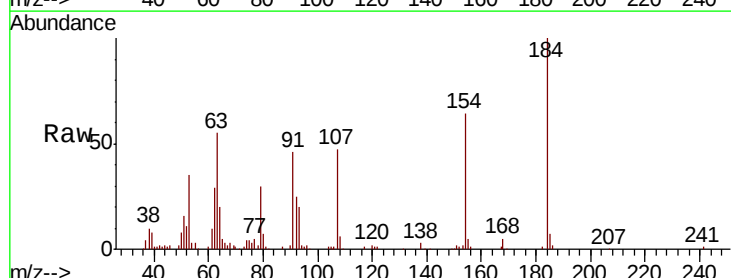
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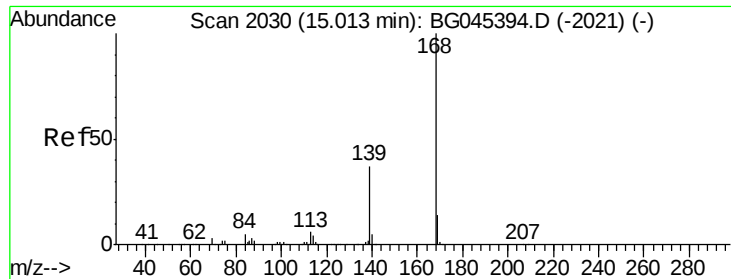
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#54
2,4-Dinitrophenol
Concen: 32.687 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.3	47.8	71.6
154	64.4	58.3	87.5





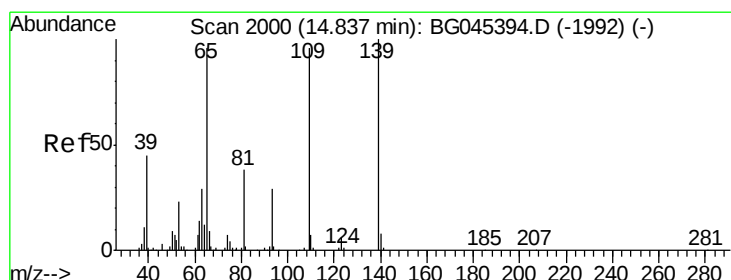
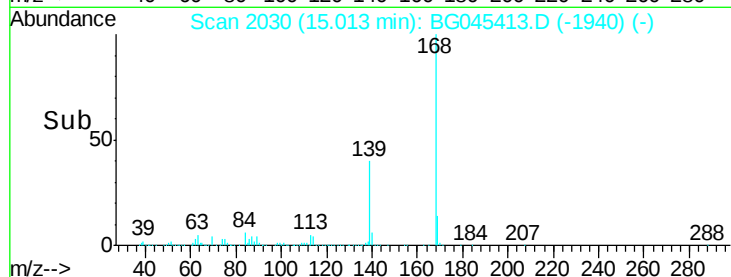
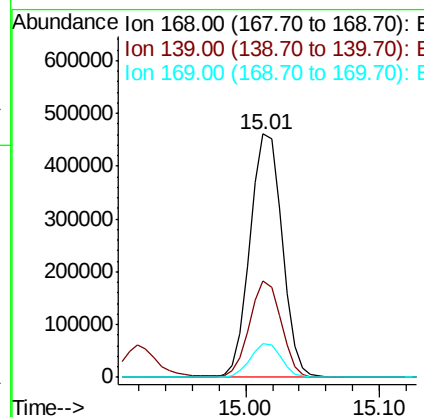
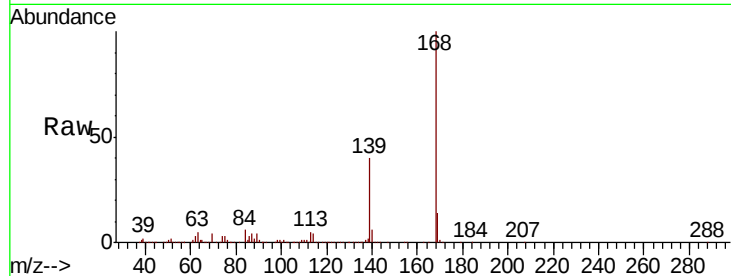
#55
Dibenzenofuran
Concen: 39.907 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	29.9	44.9
169	13.8	10.9	16.3

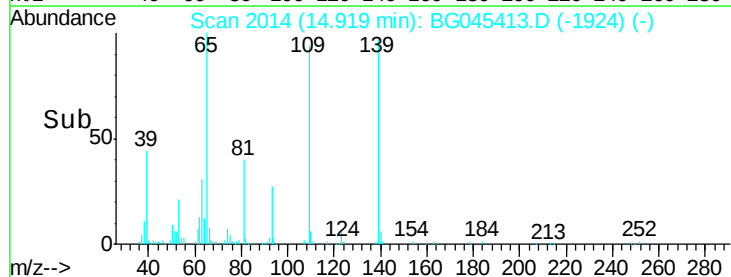
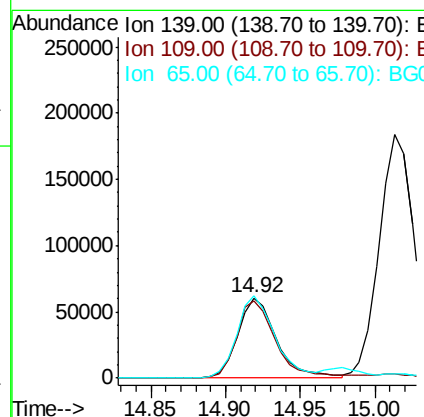
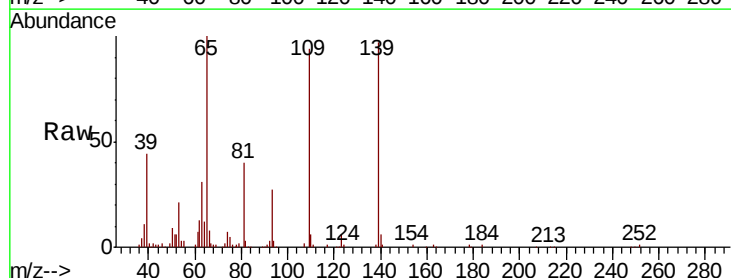
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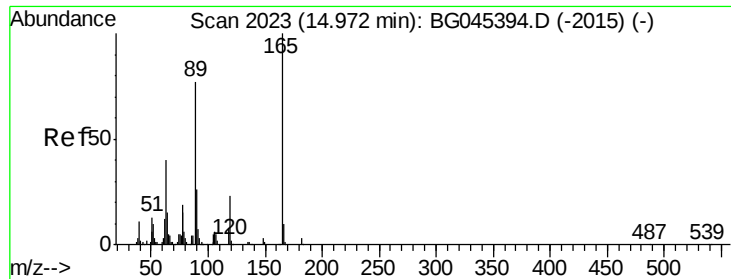
mohammad
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#56
4-Nitrophenol
Concen: 37.952 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.9	75.6	115.6
65	103.2	76.8	116.8





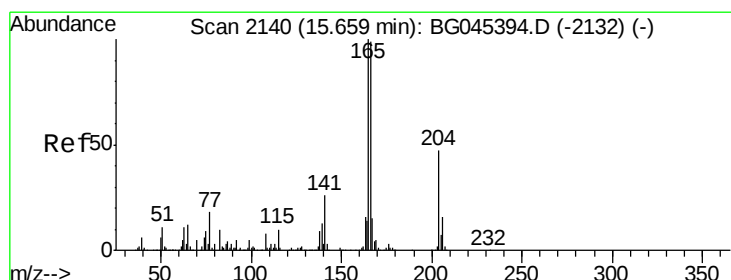
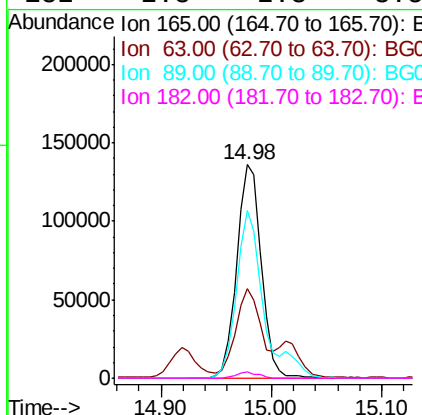
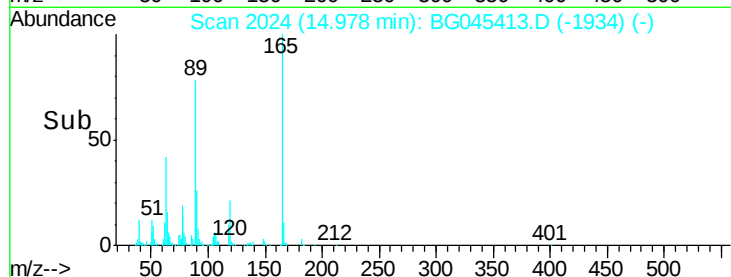
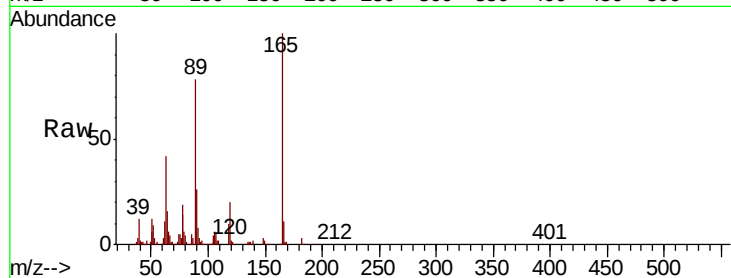
#57
2,4-Dinitrotoluene
Concen: 39.436 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		212737		
63	42.1	32.5	48.7		
89	78.3	61.8	92.6		
182	2.8	2.3	3.5		

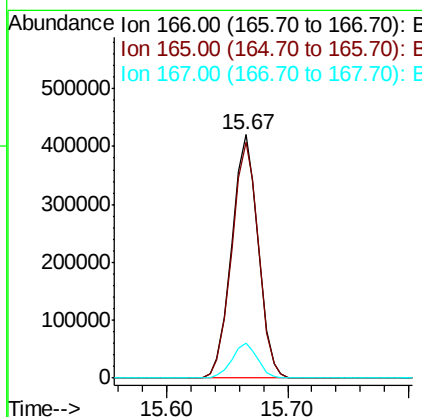
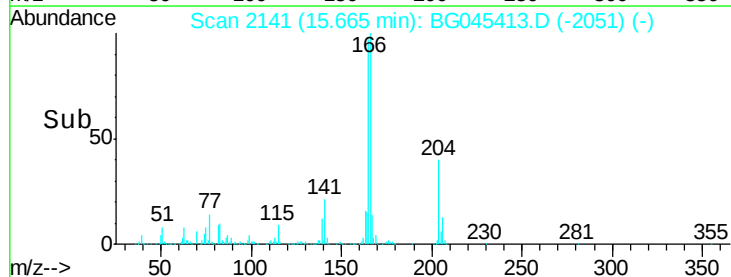
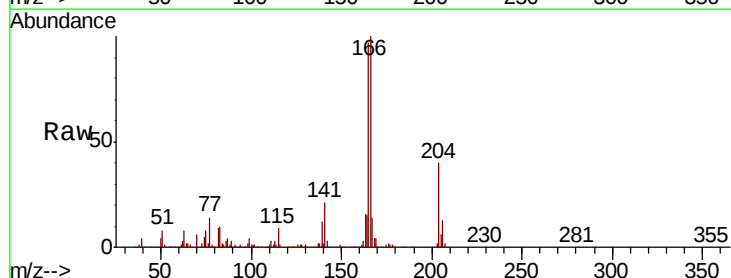
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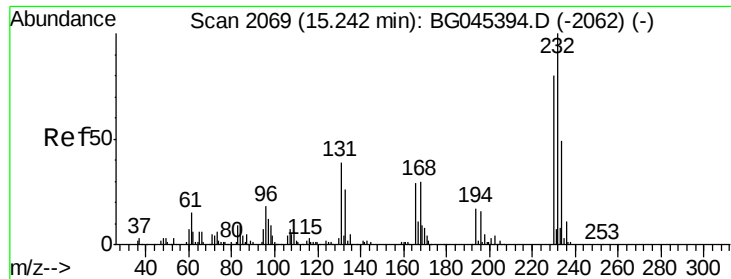
mohammad
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#58
Fluorene
Concen: 40.713 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		641203		
165	96.9	80.8	121.2		
167	14.4	12.0	18.0		





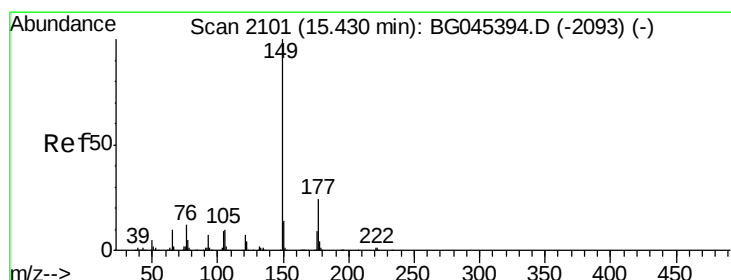
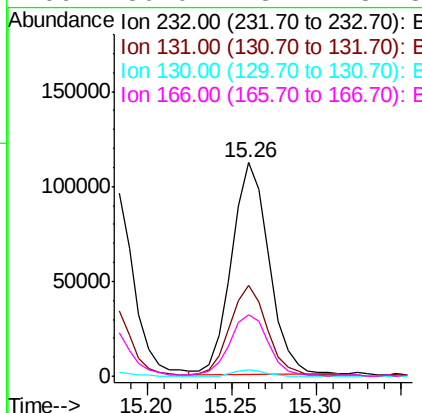
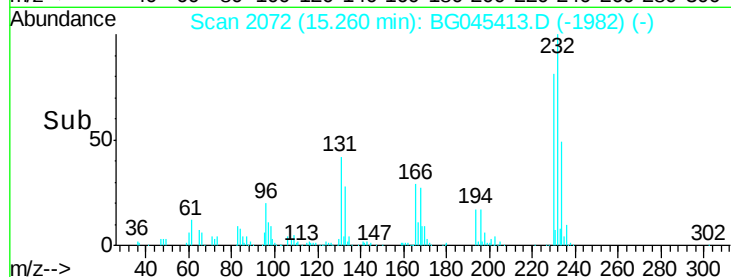
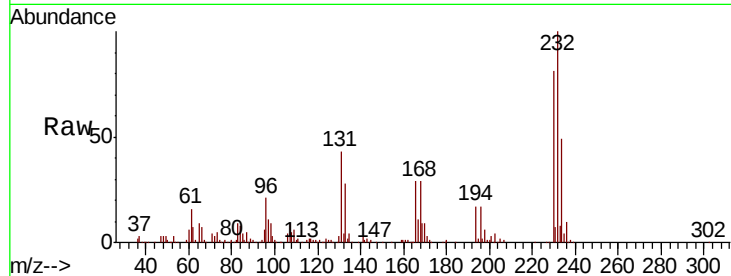
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.765 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.8	33.7	50.5
130	2.6	2.1	3.1
166	30.0	23.2	34.8

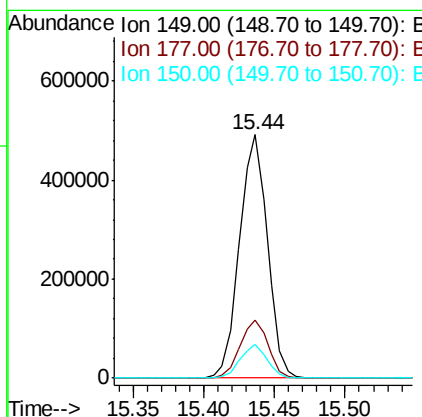
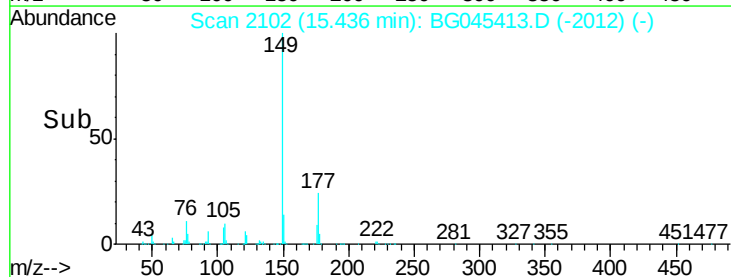
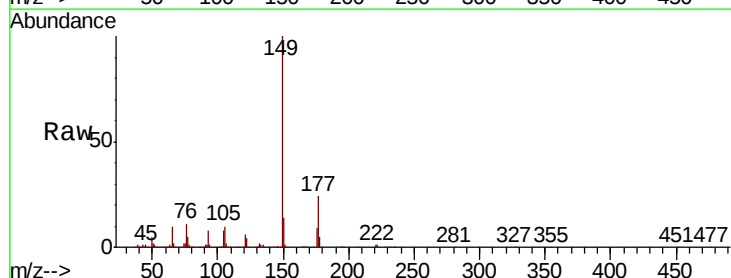
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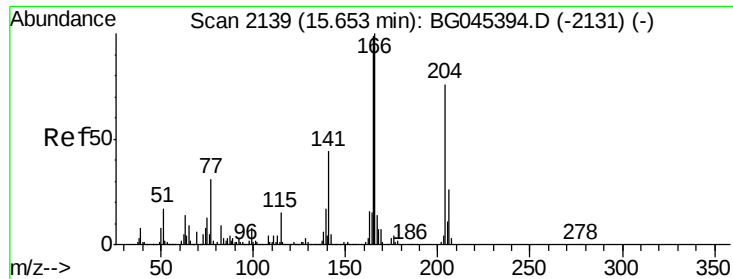
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#60
 Diethylphthalate
 Concen: 39.450 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.0	28.4
150	13.9	11.4	17.0





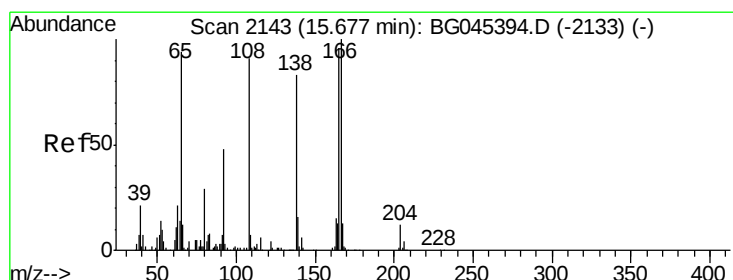
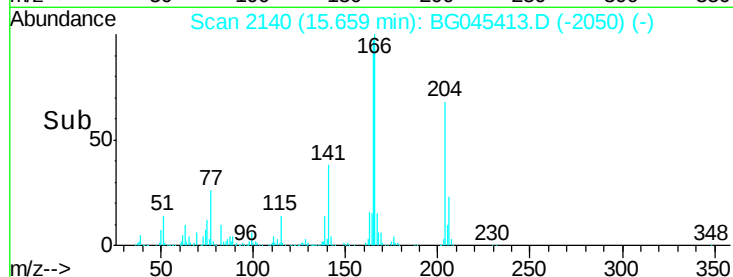
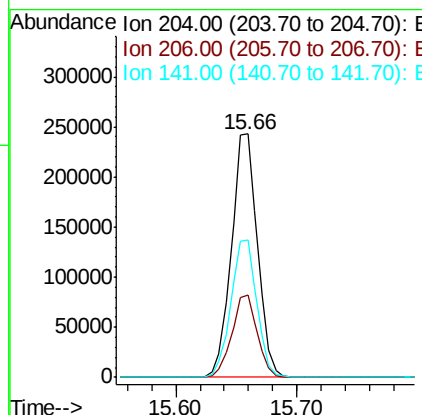
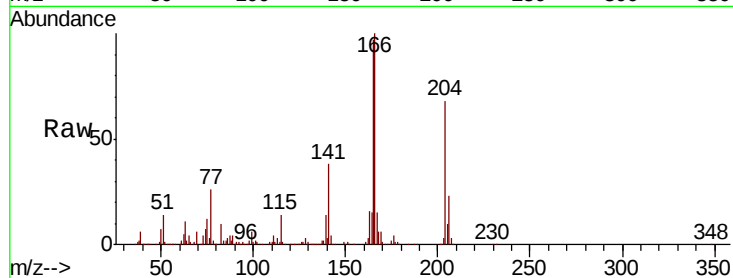
#61
4-Chlorophenyl-phenylether
Concen: 40.297 ng
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.3	40.9
141	56.2	45.9	68.9

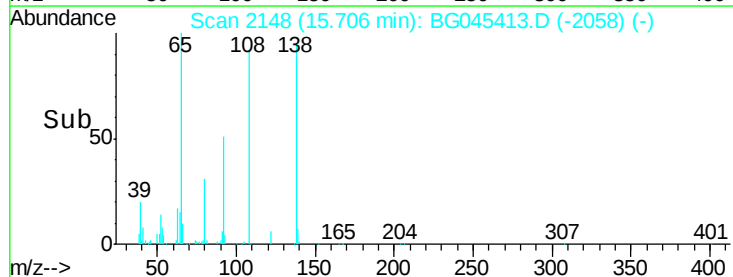
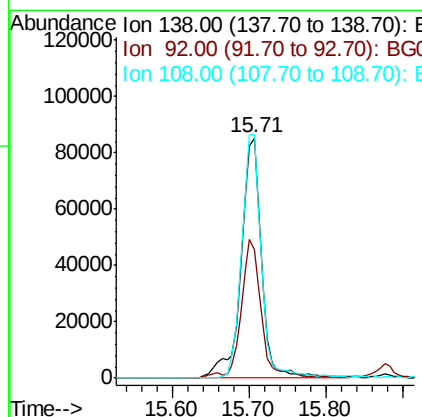
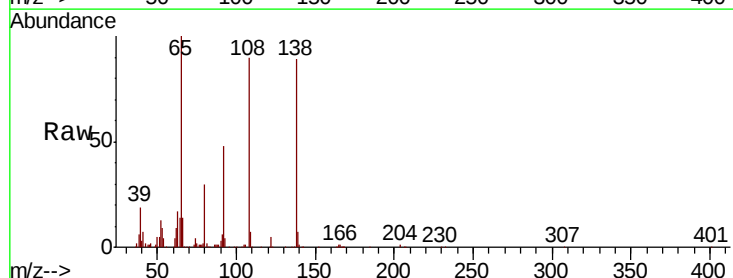
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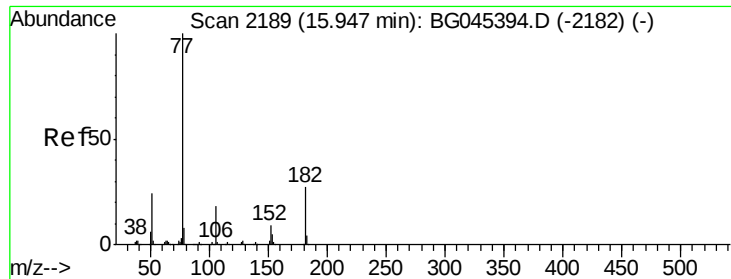
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#62
4-Nitroaniline
Concen: 40.442 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.7	38.0	78.0
108	101.5	89.3	129.3





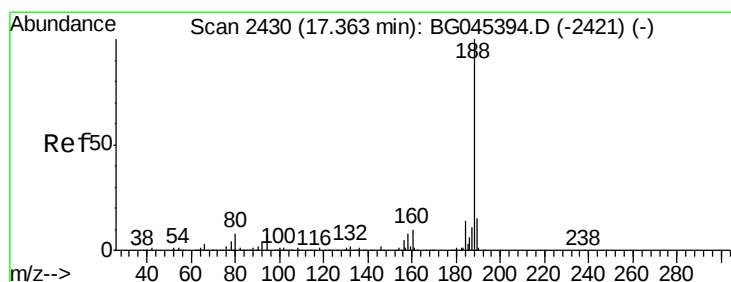
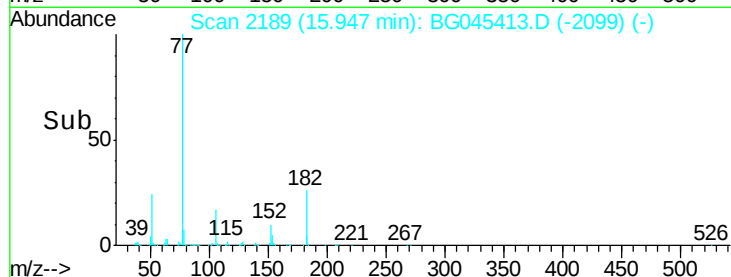
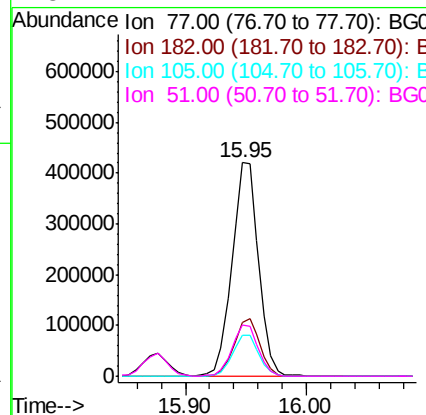
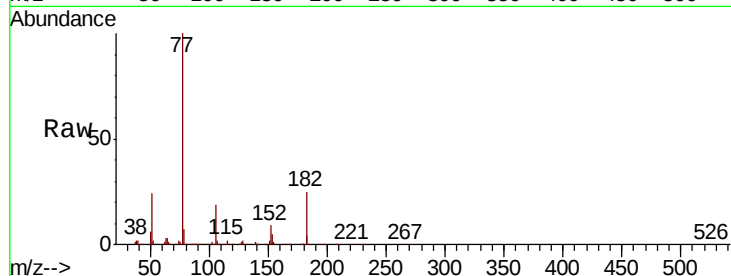
#63
Azobenzene
Concen: 39.749 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.4	6.5	46.5	
105	19.1	0.0	37.9	
51	24.2	4.1	44.1	

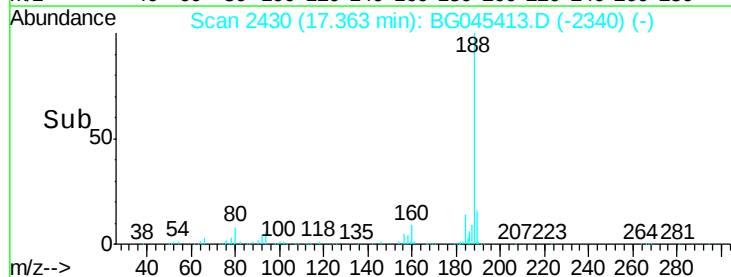
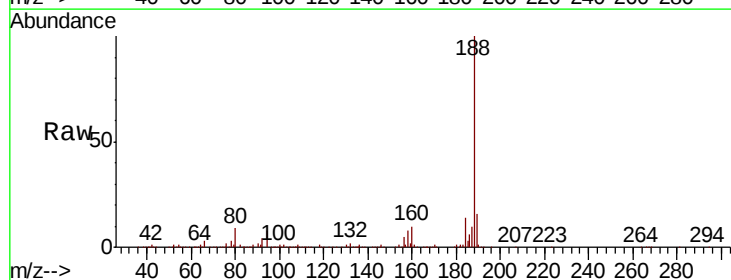
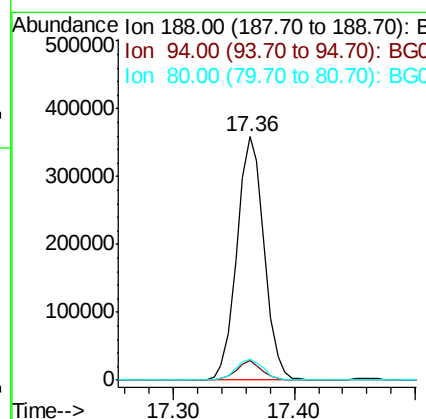
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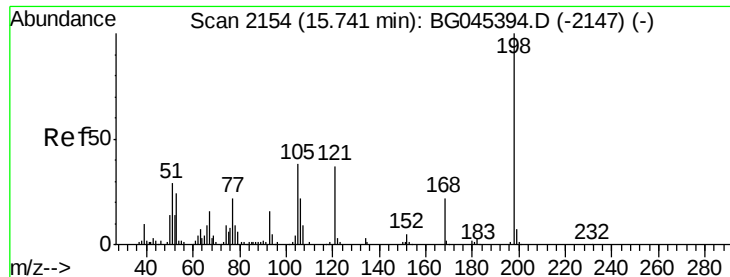
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	5.5	8.3	
80	8.8	6.6	10.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 37.628 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

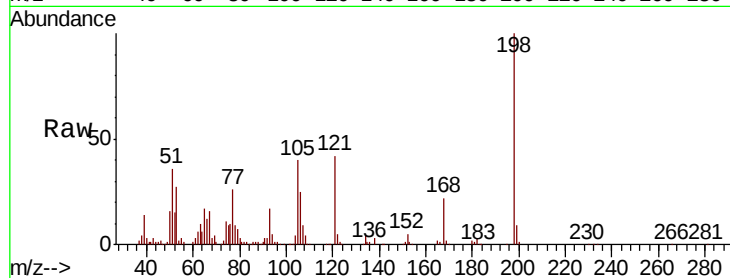
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	123418
Ion Ratio	Lower	Upper	
198	100		
51	36.3	10.0	50.0
105	40.3	18.9	58.9

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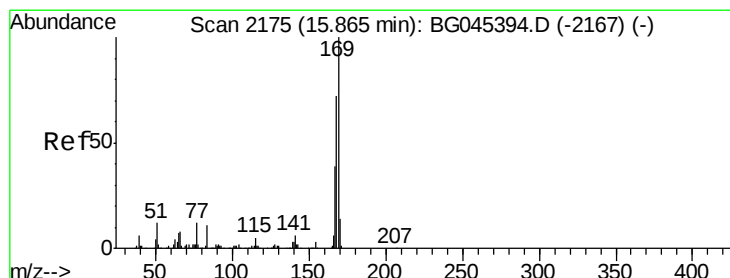
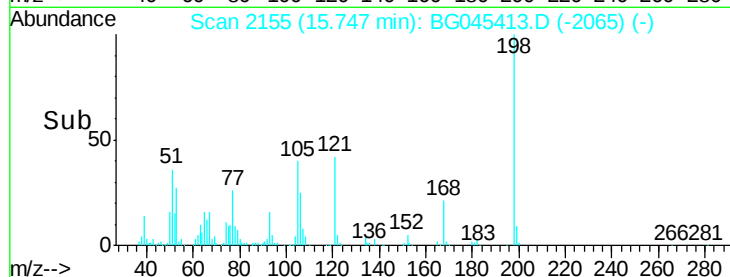
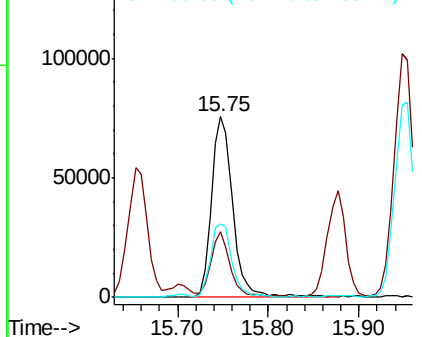
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.356 ng

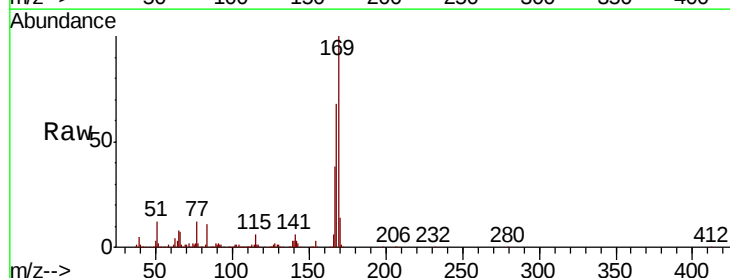
RT: 15.88 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

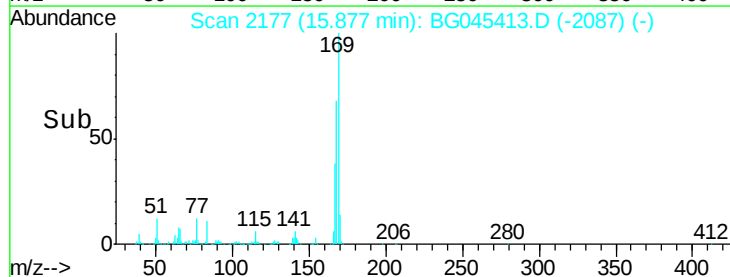
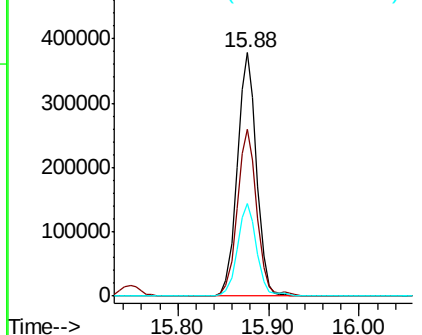
Tgt Ion:	169	Resp:	559209
Ion Ratio	Lower	Upper	
169	100		
168	68.3	57.8	86.6
167	38.0	31.5	47.3

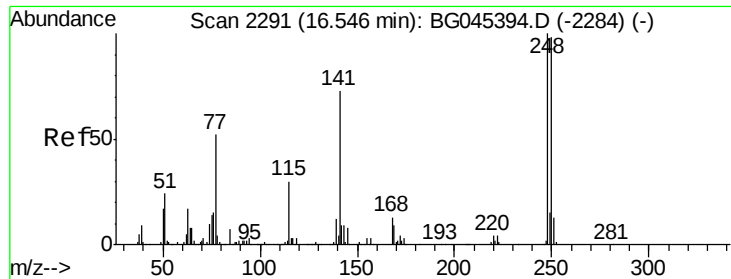


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.578 ng

RT: 16.55 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

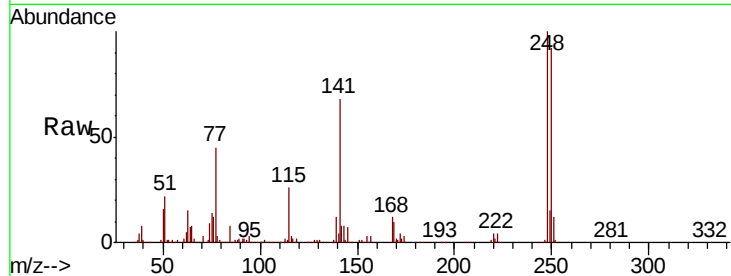
ClientSampled :

SSTDCCC040

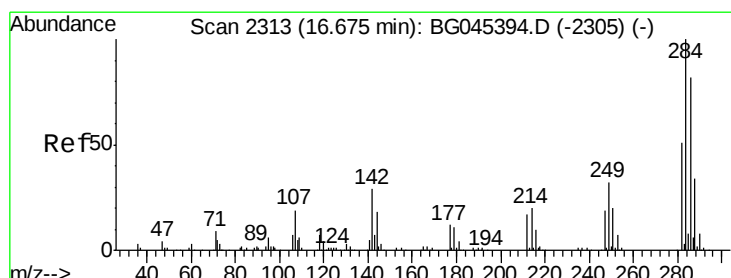
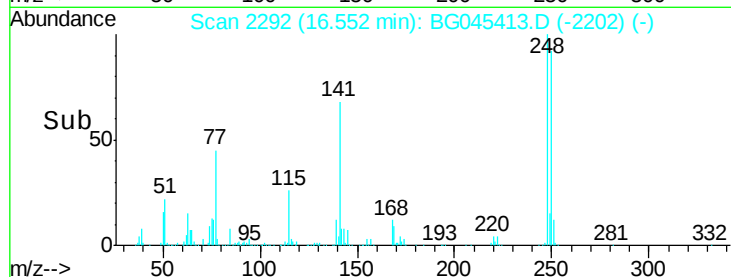
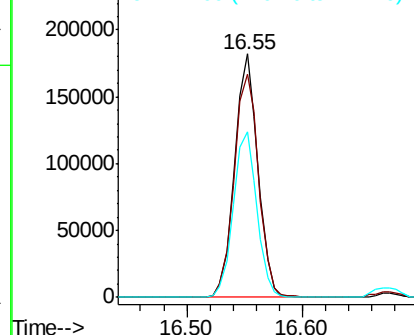
Tot Ion:	248	Resp:	253554
Ion Ratio	Lower	Upper	
248	100		
250	91.6	78.6	117.8
141	67.8	58.2	87.2

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Abundance Ion 248.00 (247.70 to 248.70): E
250000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.236 ng

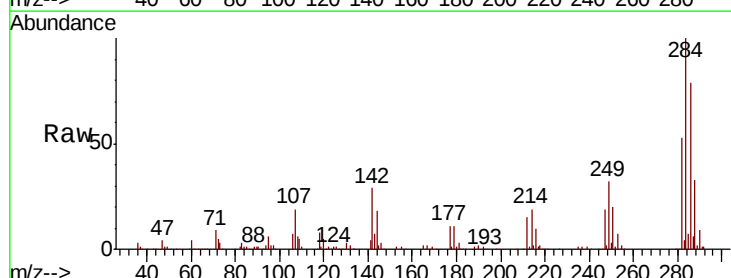
RT: 16.68 min Scan# 2313

Delta R.T. 0.00 min

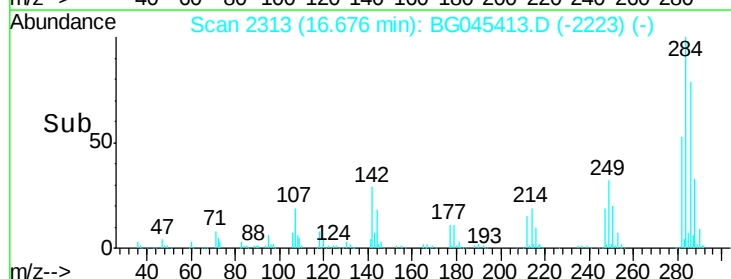
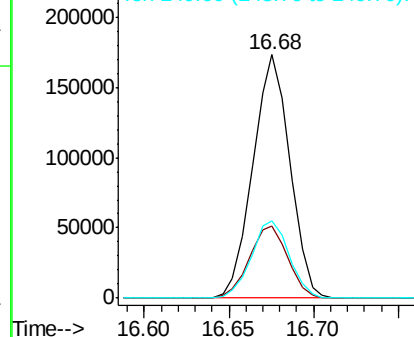
Lab File: BG045413.D

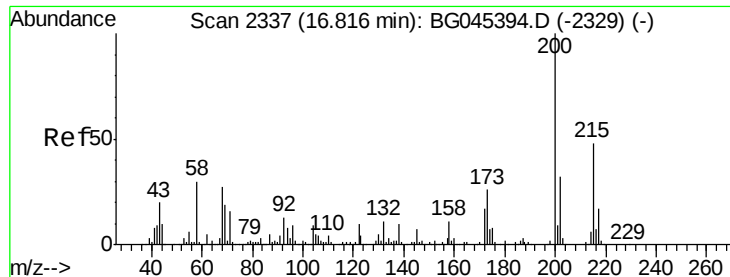
Acq: 18 May 2020 14:54

Tgt Ion:	284	Resp:	263016
Ion Ratio	Lower	Upper	
284	100		
142	29.4	23.0	34.6
249	31.7	25.8	38.6



Abundance Ion 283.80 (283.50 to 284.50): E
200000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.967 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

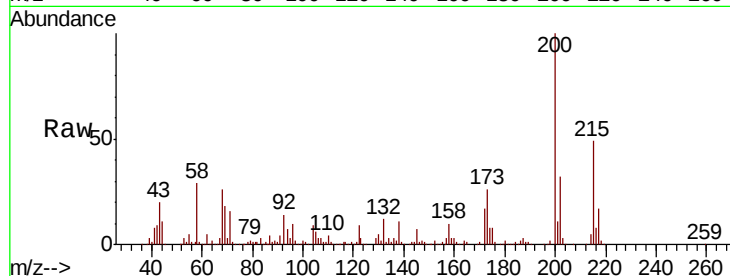
ClientSampleId :

SSTDCCC040

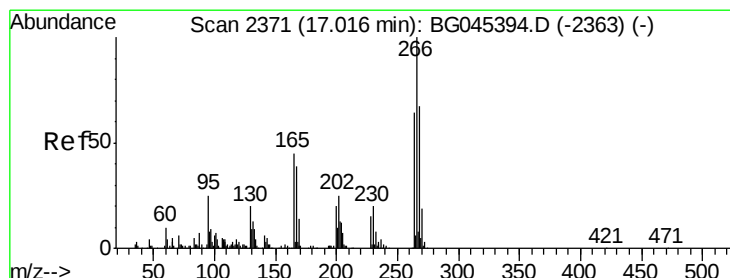
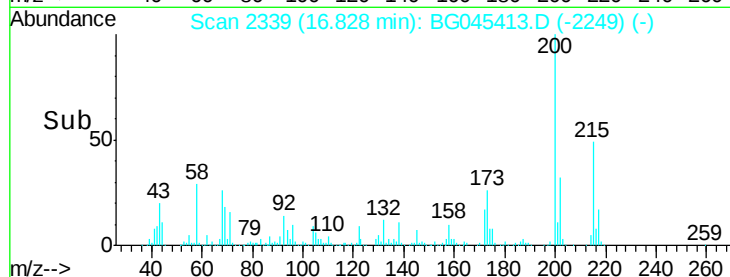
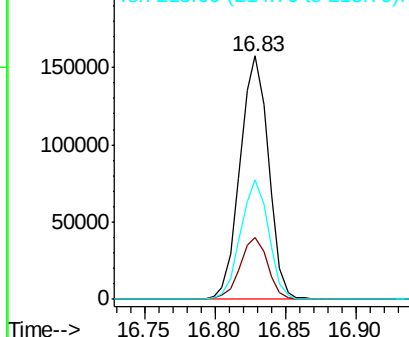
Tot Ion:	200	Resp:	222595
Ion Ratio	Lower	Upper	
200	100		
173	25.5	5.5	45.5
215	49.0	28.2	68.2

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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: 46.619 ng

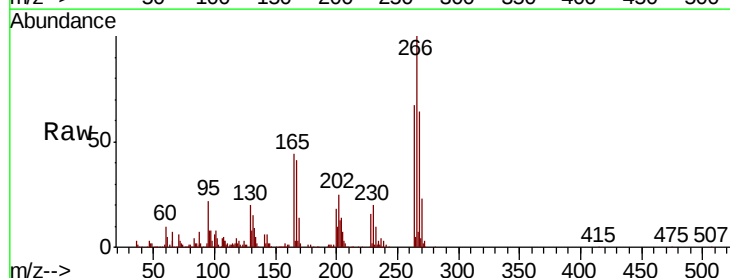
RT: 17.03 min Scan# 2374

Delta R.T. 0.00 min

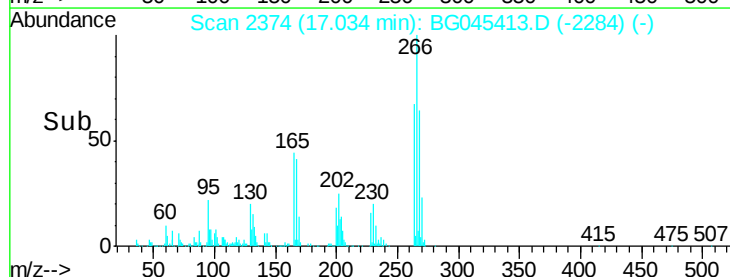
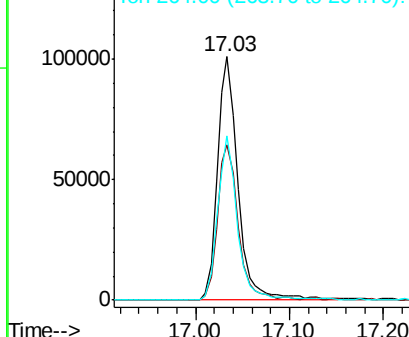
Lab File: BG045413.D

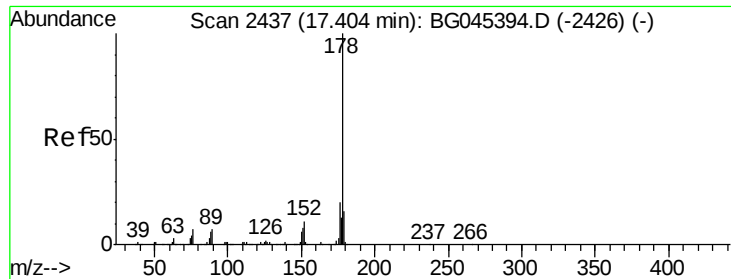
Acq: 18 May 2020 14:54

Tgt Ion:	266	Resp:	154395
Ion Ratio	Lower	Upper	
266	100		
268	63.9	53.2	79.8
264	67.4	51.0	76.4



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





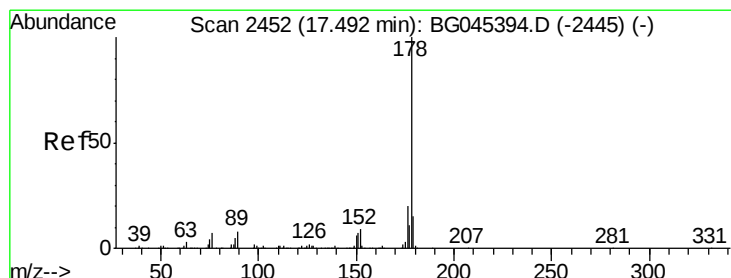
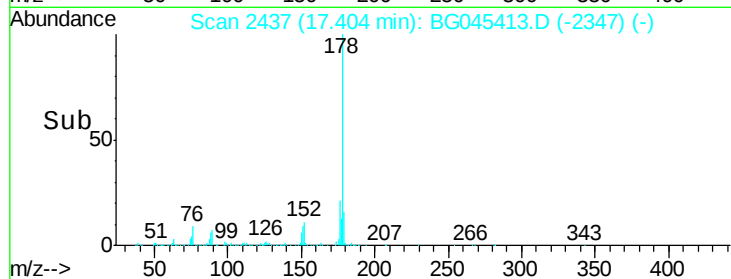
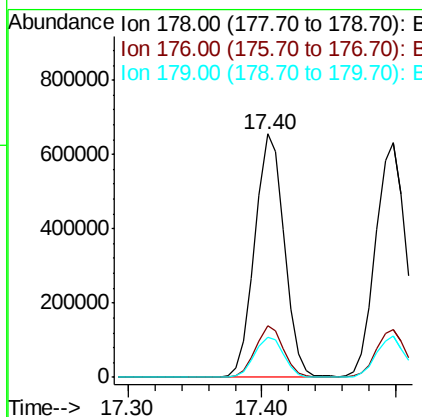
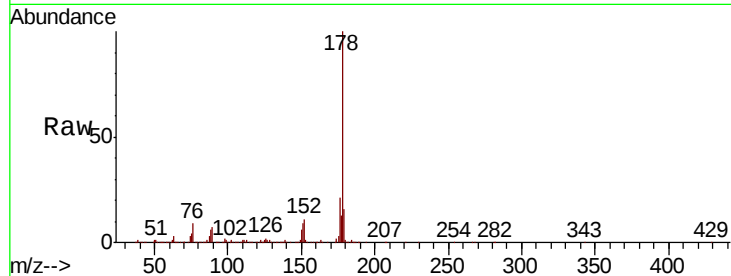
#71
Phenanthrene
Concen: 40.579 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	16.4	13.1	19.7

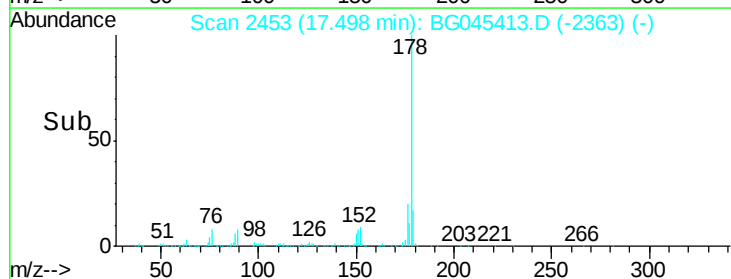
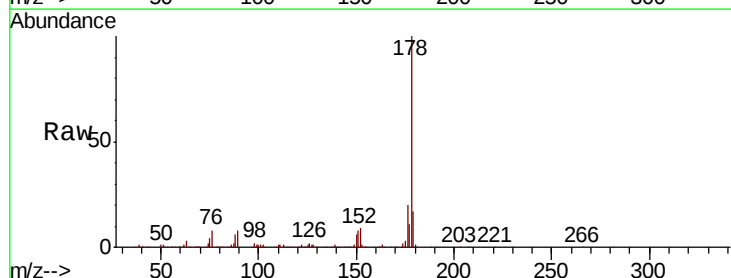
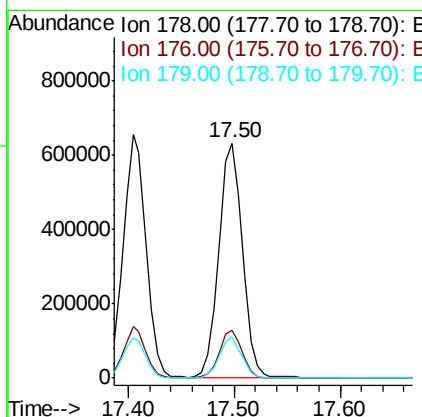
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#72
Anthracene
Concen: 40.177 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	17.4	12.2	18.4





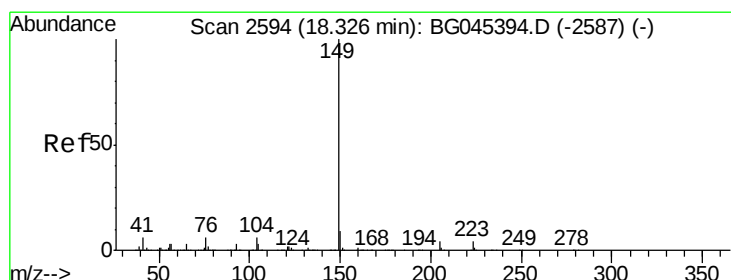
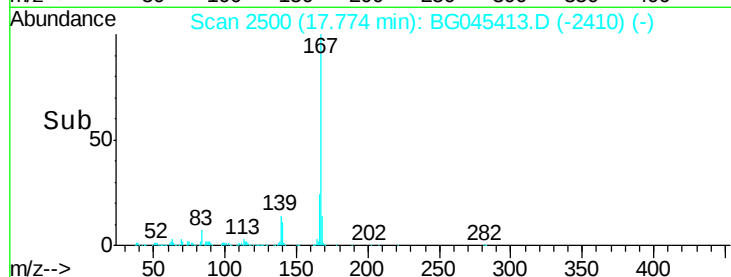
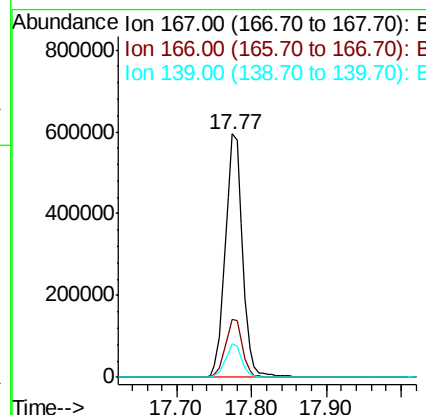
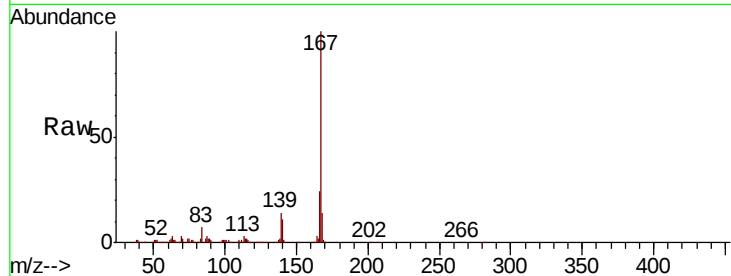
#73
 Carbazole
 Concen: 39.900 ng
 RT: 17.77 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.2	28.8
139	13.9	10.6	16.0

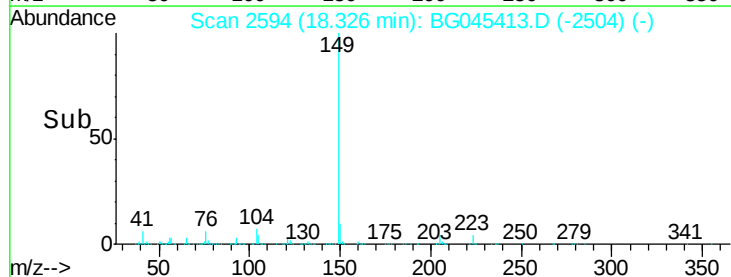
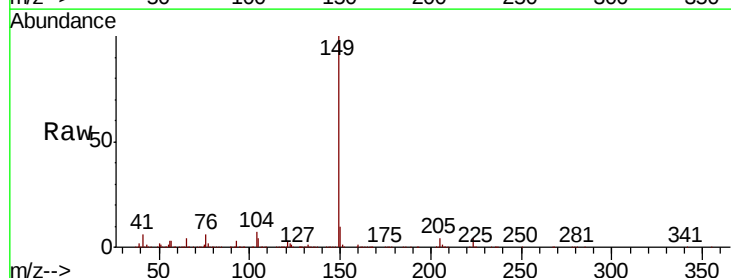
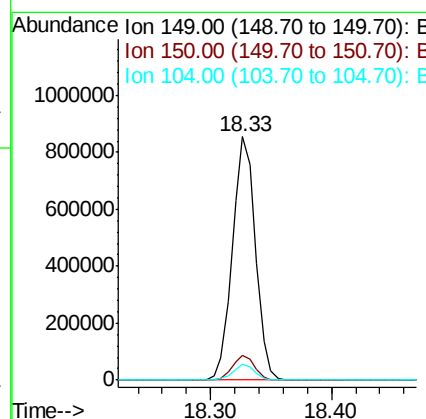
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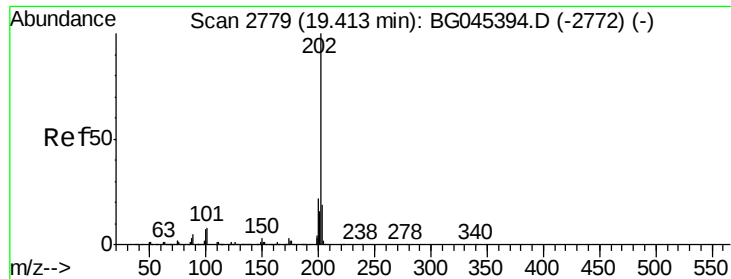
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#74
 Di-n-butylphthalate
 Concen: 39.167 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 38.492 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

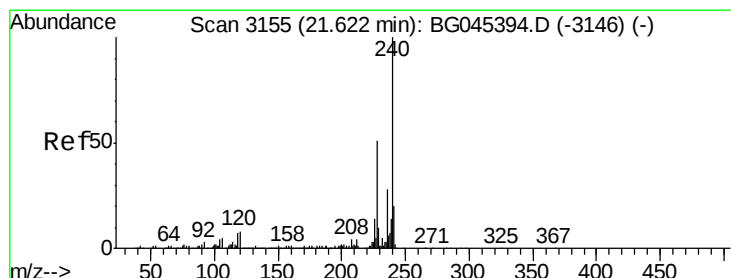
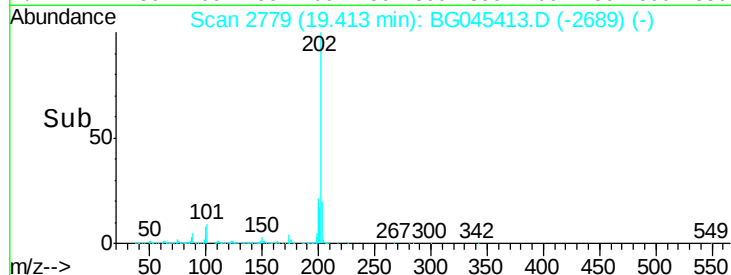
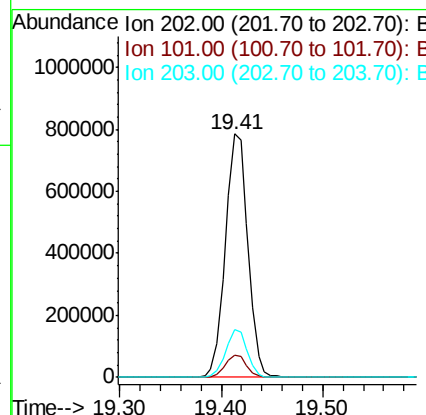
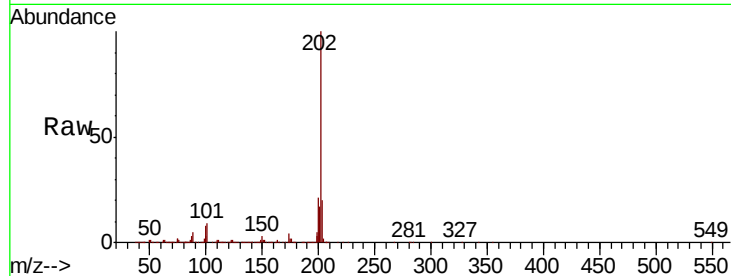
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1203696
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.3
203	19.7	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

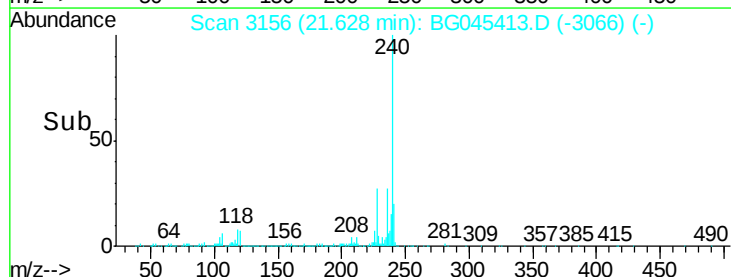
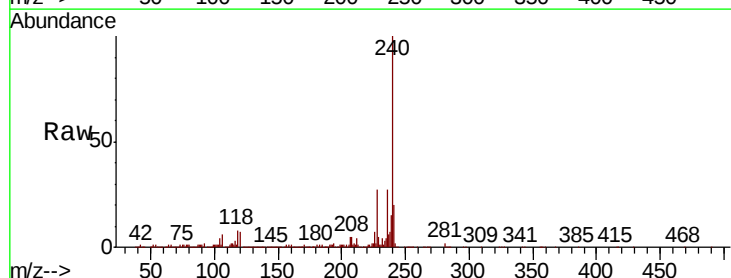
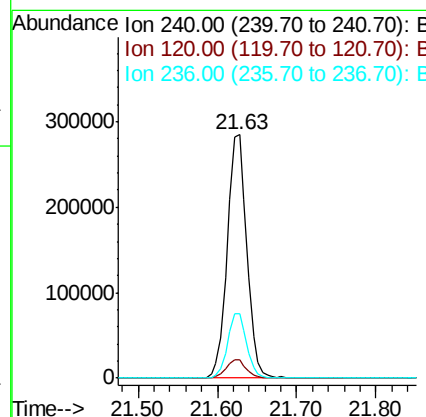
RT: 21.63 min Scan# 3156

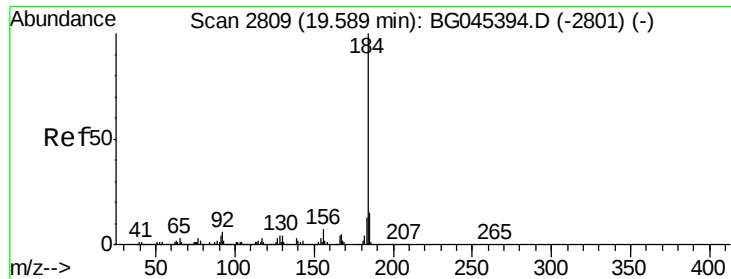
Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Tgt Ion:	240	Resp:	485292
Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.1	9.1
236	26.6	22.3	33.5





#77

Benzidine

Concen: 40.276 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

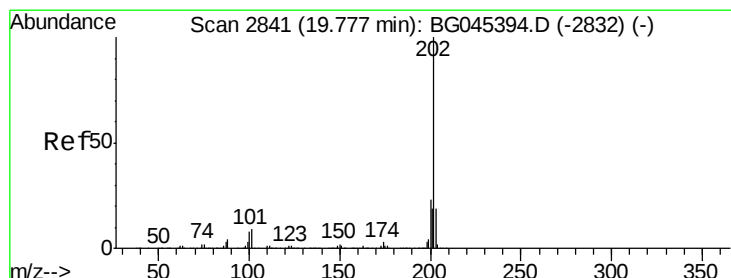
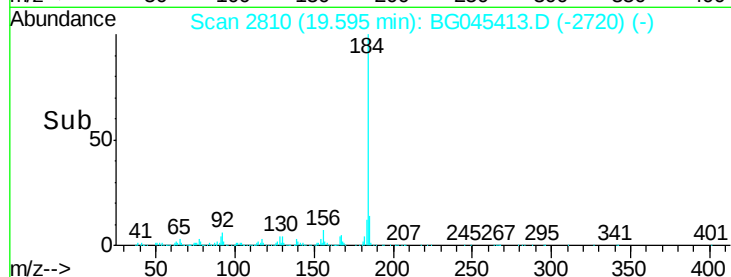
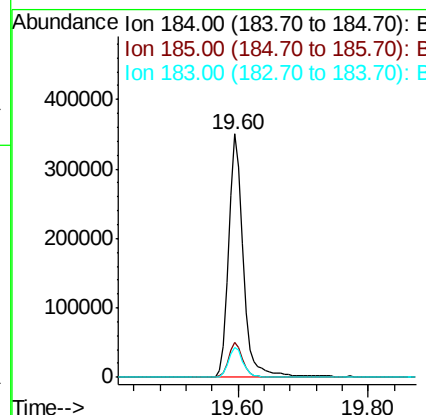
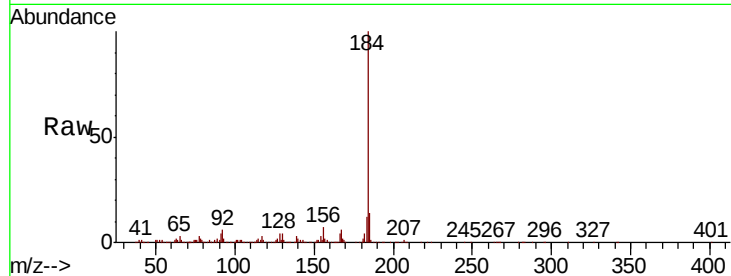
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.7	17.5
183	12.4	10.2	15.4

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#78

Pyrene

Concen: 43.054 ng

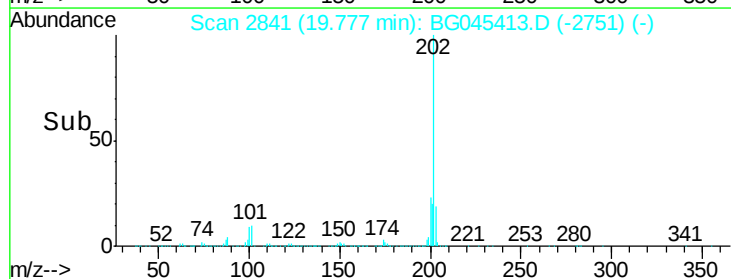
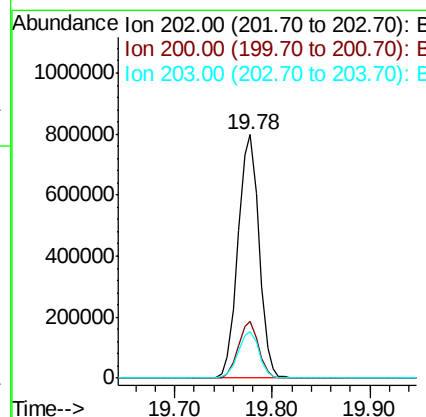
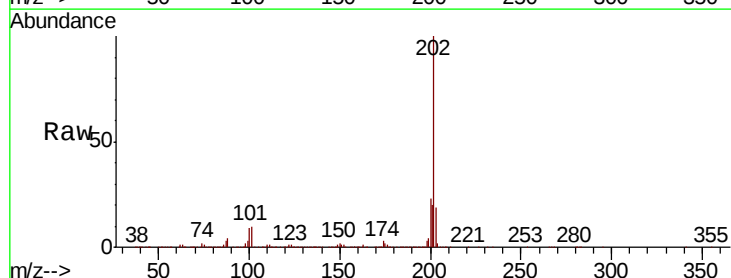
RT: 19.78 min Scan# 2841

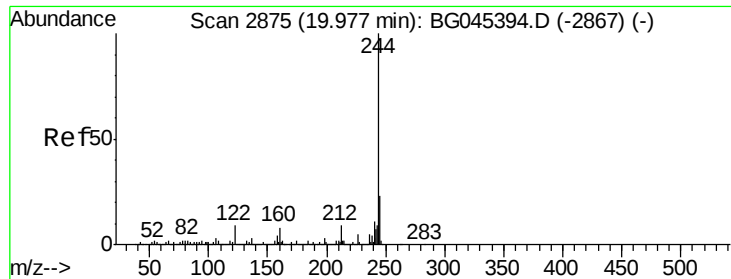
Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	19.1	15.1	22.7





#79

Terphenyl-d14

Concen: 84.548 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1759236

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

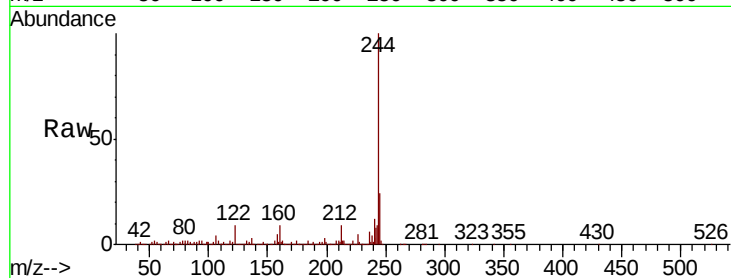
122 9.0 6.8 10.2

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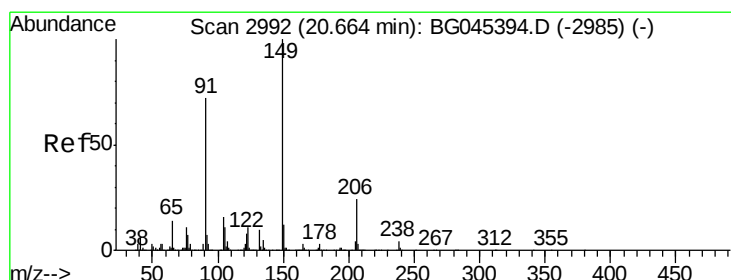
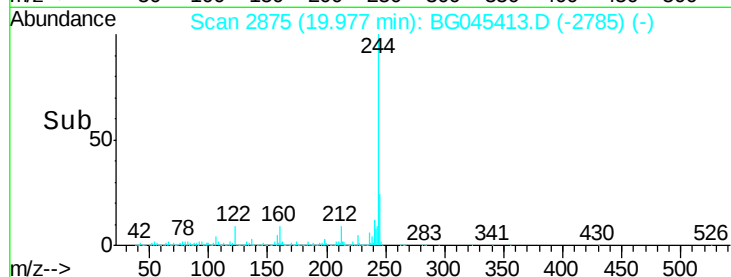
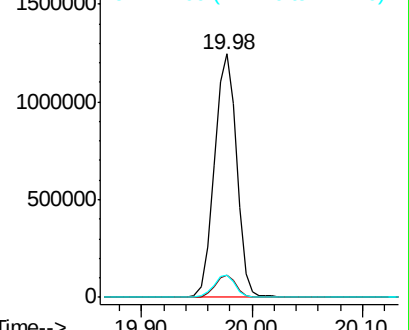
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.195 ng

RT: 20.66 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

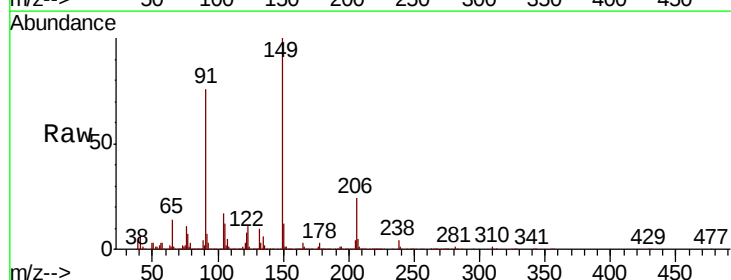
Tgt Ion:149 Resp: 491891

Ion Ratio Lower Upper

149 100

91 75.5 57.8 86.6

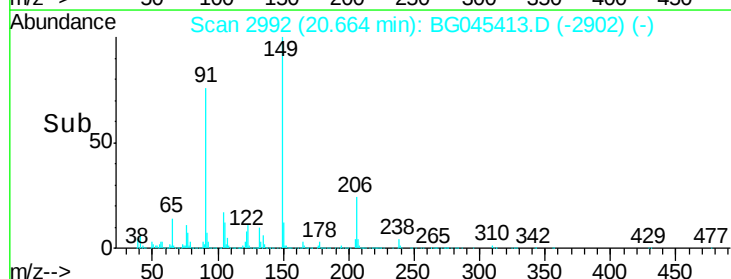
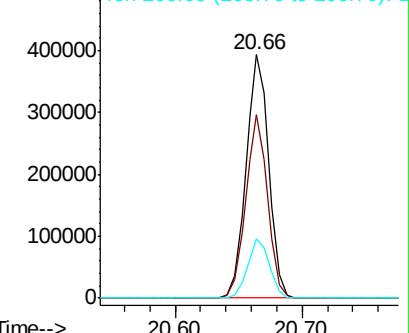
206 24.4 19.1 28.7

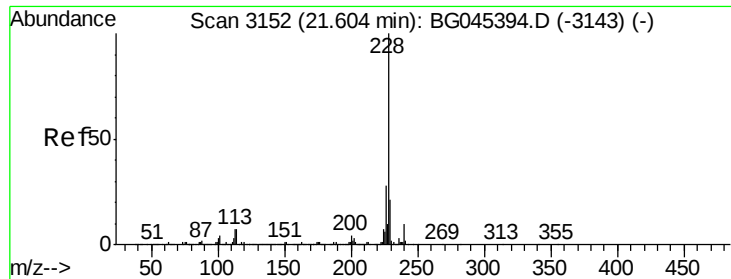


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.761 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1101948

Ion Ratio Lower Upper

228 100

226 29.2 22.7 34.1

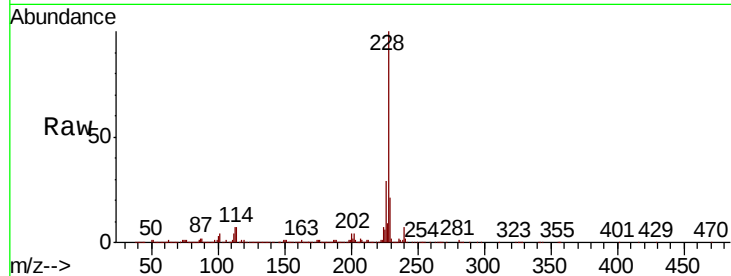
229 20.5 16.7 25.1

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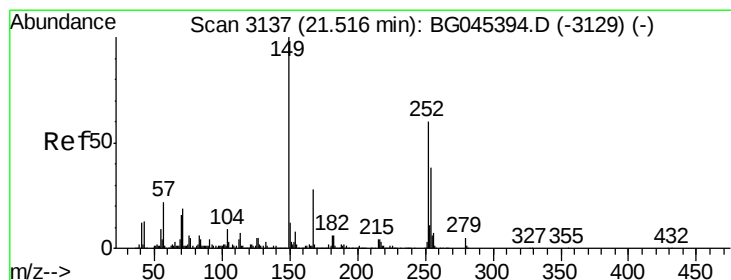
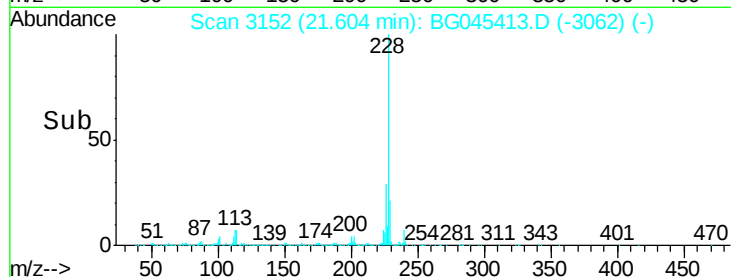
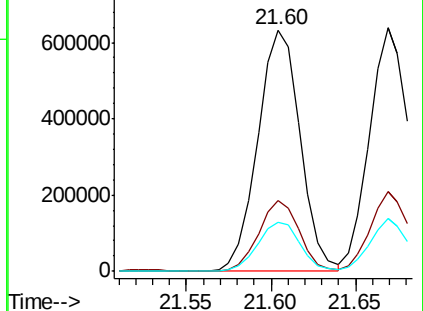
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.145 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

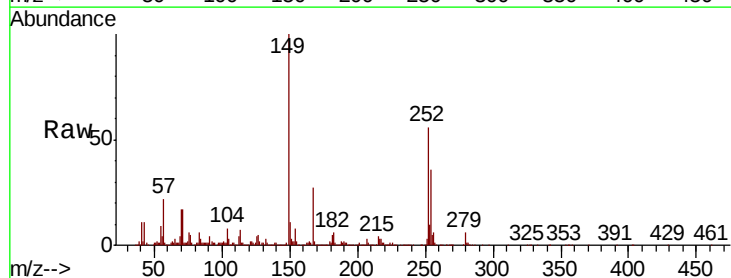
Tgt Ion:252 Resp: 425718

Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

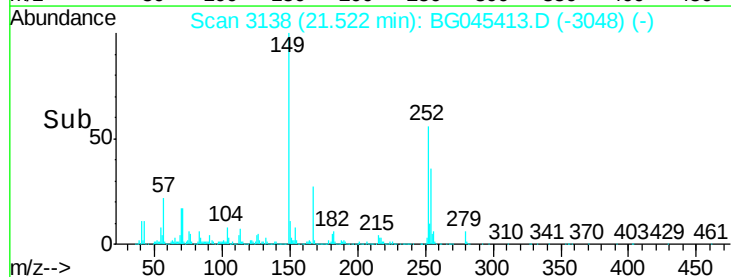
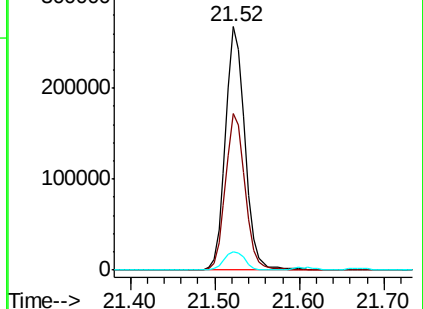
126 7.5 6.6 10.0

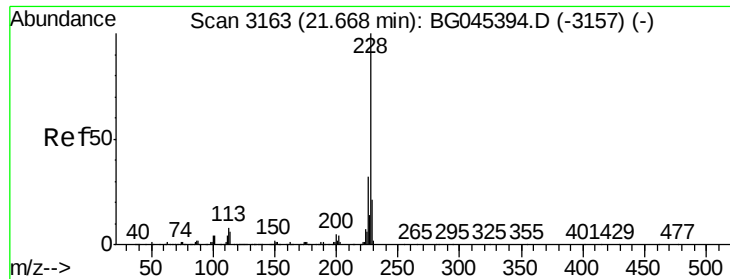


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





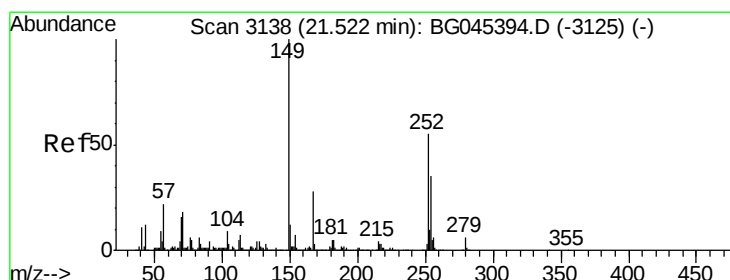
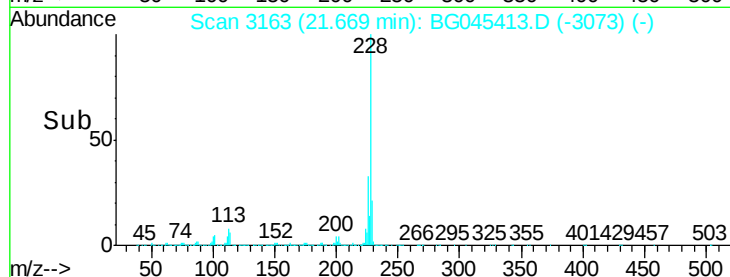
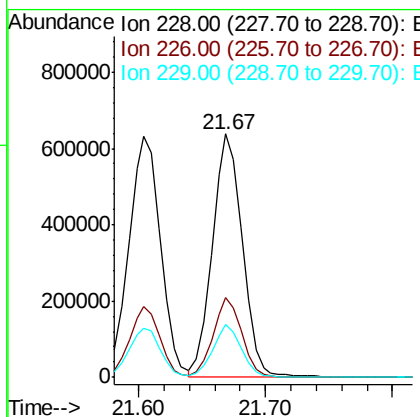
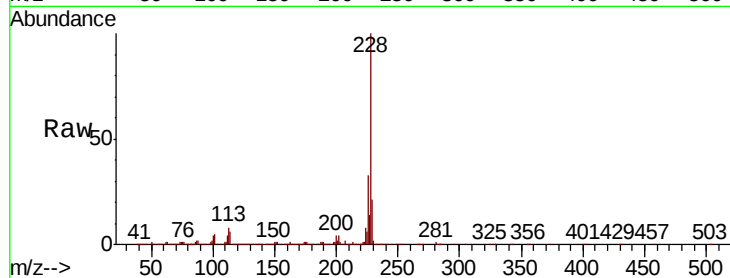
#83
 Chrysene
 Concen: 40.231 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.2	37.8
229	21.5	16.7	25.1

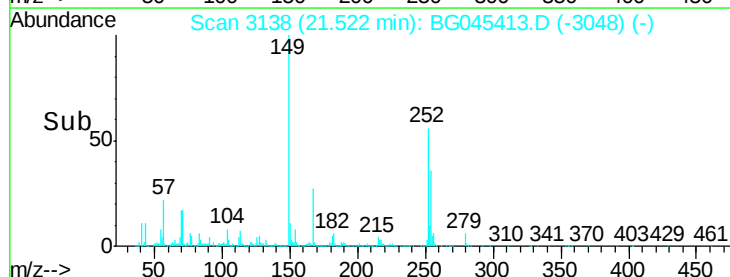
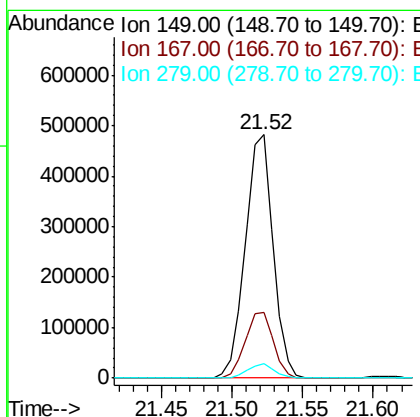
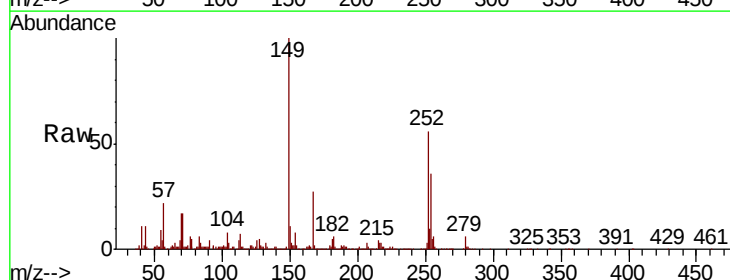
Manual Integrations
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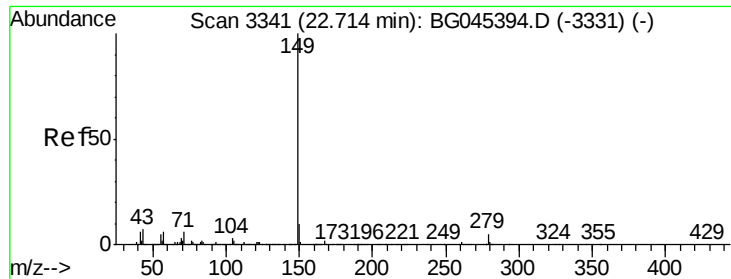
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.431 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG045413.D
 Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	5.8	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 39.576 ng

RT: 22.71 min Scan# 3340

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1115696

Ion Ratio Lower Upper

149 100

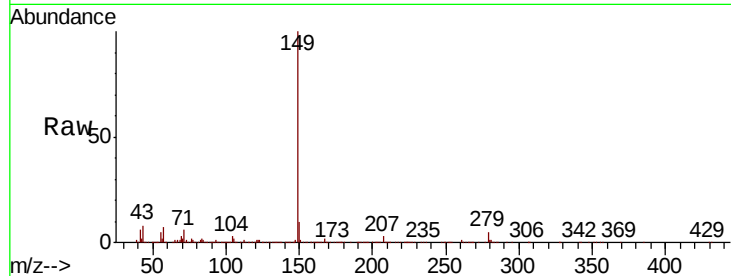
167 1.7 1.4 2.0

43 7.8 5.8 8.8

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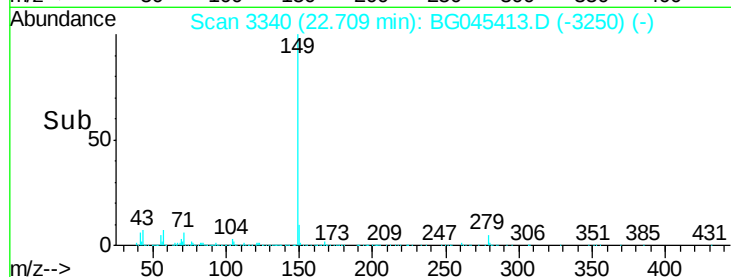


Abundance Ion 149.00 (148.70 to 149.70): E

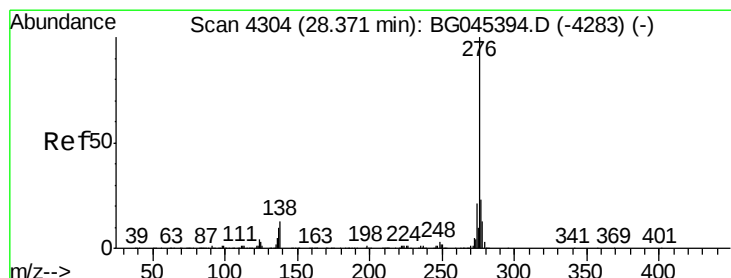
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time--> 22.60 22.70 22.80



Time--> 22.60 22.70 22.80



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.833 ng

RT: 28.38 min Scan# 4305

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

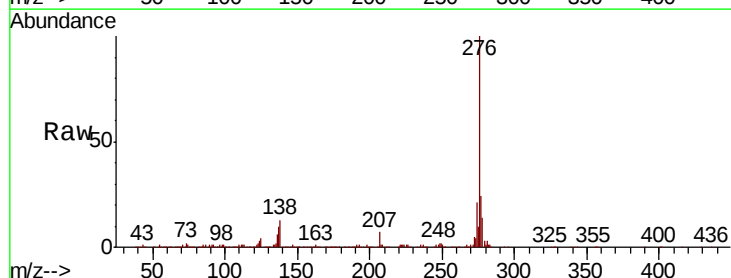
Tgt Ion:276 Resp: 1286024

Ion Ratio Lower Upper

276 100

138 15.8 8.6 12.8#

277 25.7 20.2 30.4

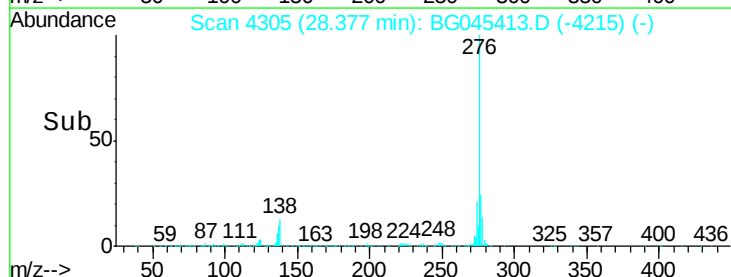


Abundance Ion 276.00 (275.70 to 276.70): E

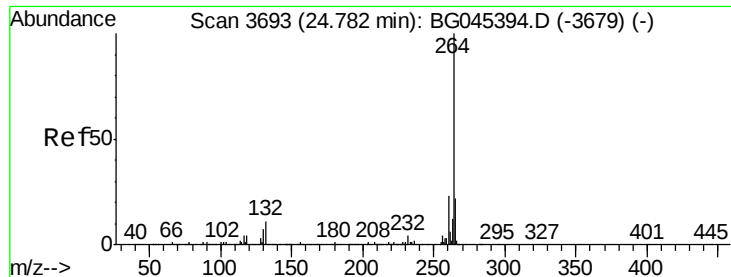
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time--> 28.20 28.40 28.60



Time--> 28.20 28.40 28.60



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

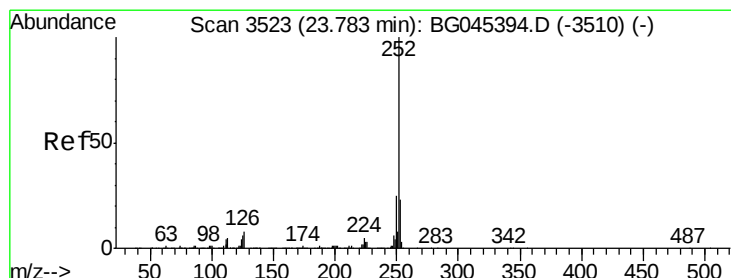
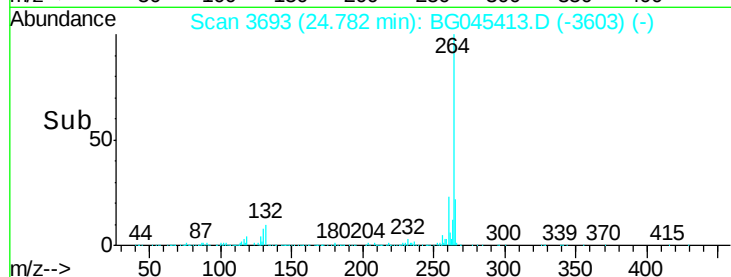
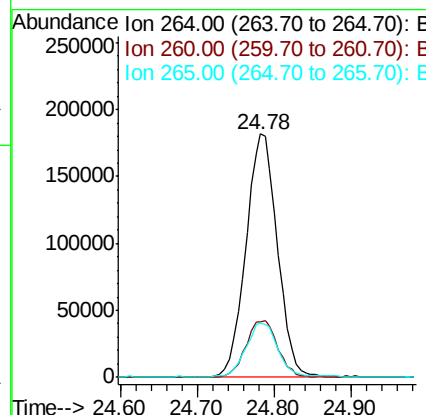
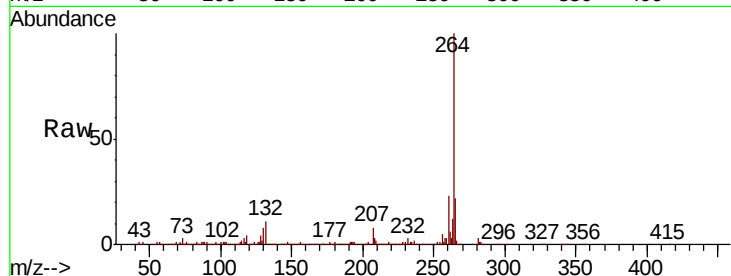
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	519739
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.2	27.4
265	22.5	17.6	26.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 40.113 ng

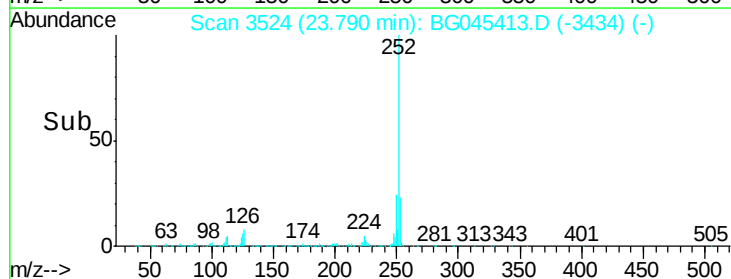
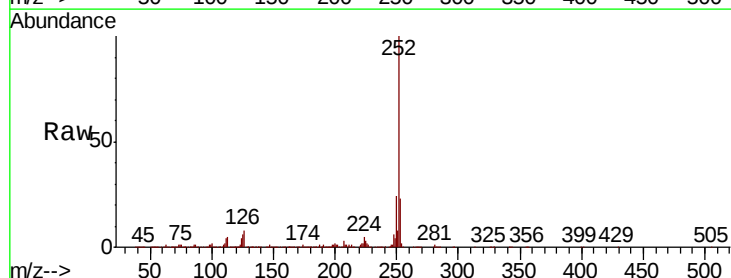
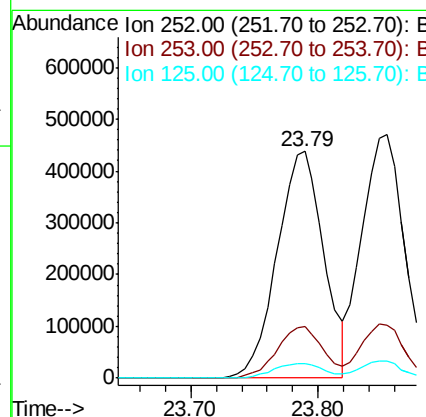
RT: 23.79 min Scan# 3524

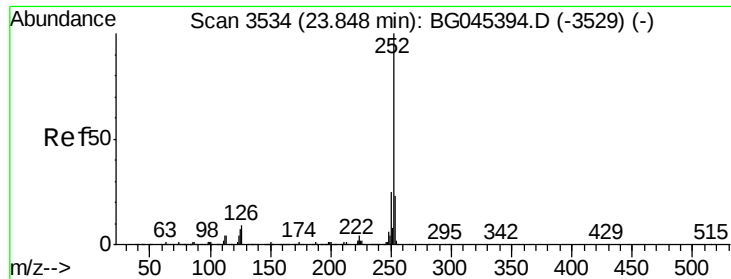
Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Tgt Ion:	252	Resp:	1118113
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	6.2	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 41.917 ng

RT: 23.85 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1097708

Ion Ratio Lower Upper

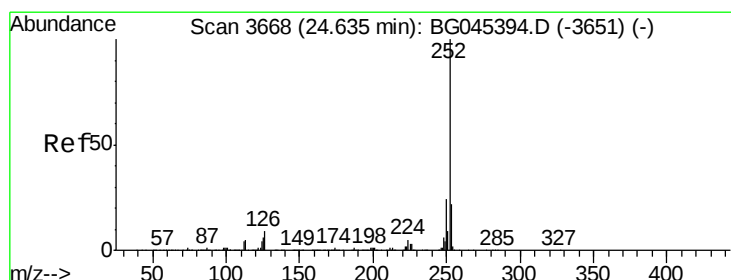
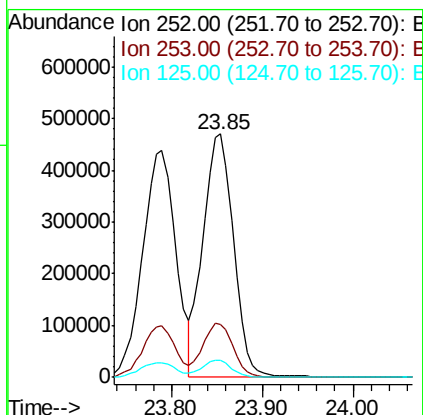
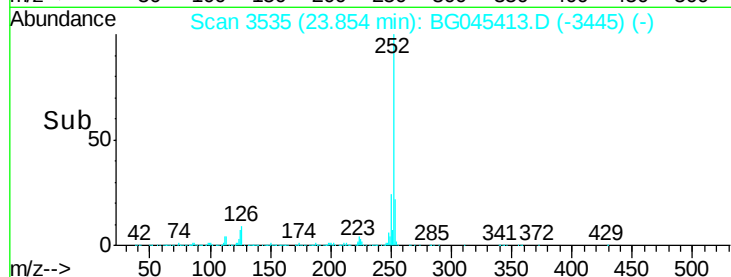
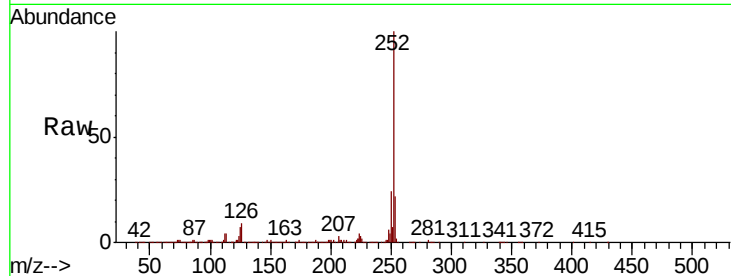
252 100

253 21.9 18.4 27.6

125 6.8 5.7 8.5

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#90

Benzo(a)pyrene

Concen: 40.371 ng

RT: 24.64 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG045413.D

Acq: 18 May 2020 14:54

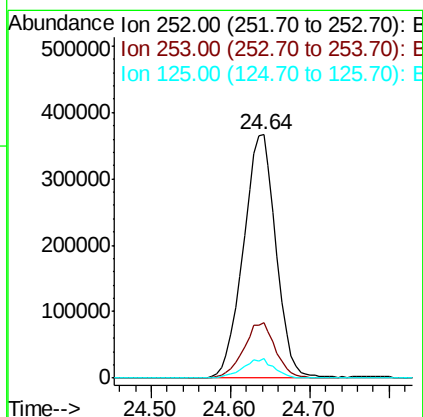
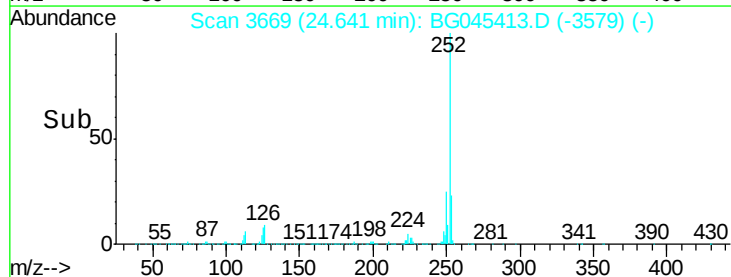
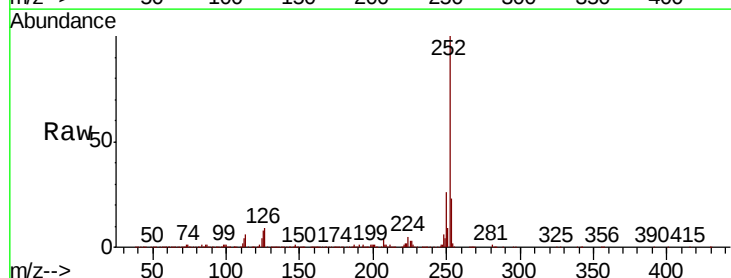
Tgt Ion:252 Resp: 1048029

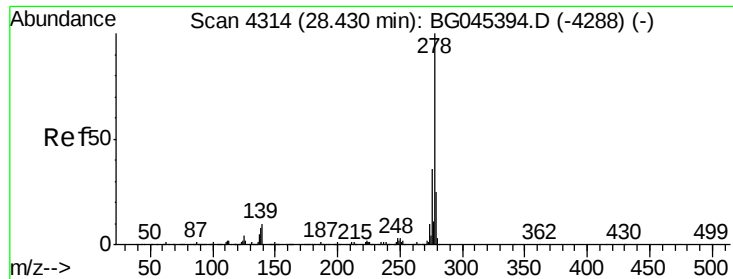
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 7.9 5.0 7.6#





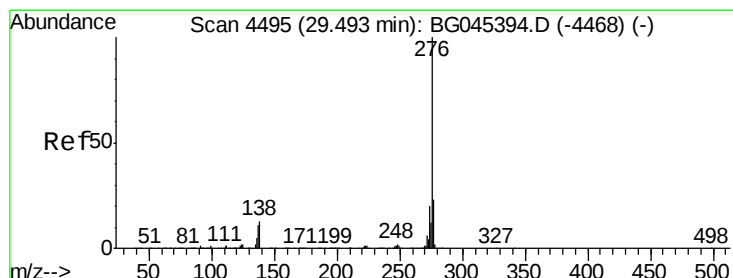
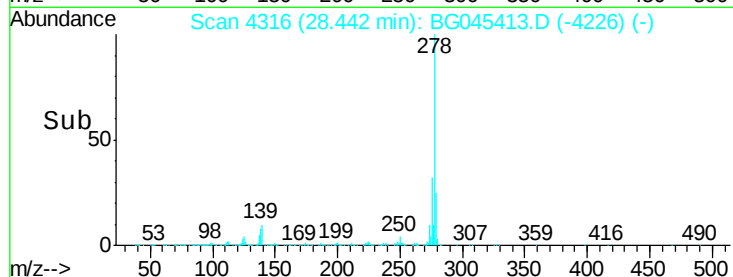
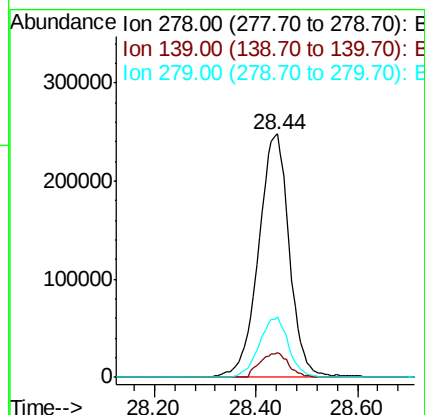
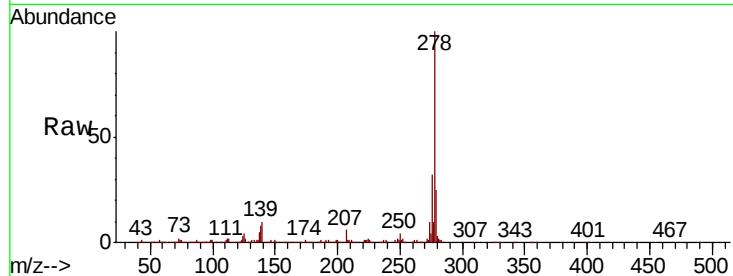
#91
Dibenzo(a,h)anthracene
Concen: 40.143 ng
RT: 28.44 min Scan# 4316
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.2	7.8	11.8
279	24.8	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.825 ng
RT: 29.49 min Scan# 4495
Delta R.T. 0.00 min
Lab File: BG045413.D
Acq: 18 May 2020 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.1	27.1
138	14.7	10.2	15.4

