

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG045554.D
 Acq On : 1 Jun 2020 13:57
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 6/2/2020 3:22:36 PM

Quant Time: Jun 01 15:18:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	64910	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	273539	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	206732	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	486241	20.00	ng	0.00
76) Chrysene-d12	21.60	240	440336	20.00	ng	0.00
87) Perylene-d12	24.75	264	481198	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	284385	85.62	ng	0.00
7) Phenol-d6	7.15	99	433467	91.69	ng	0.00
23) Nitrobenzene-d5	9.11	82	428954	85.51	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	212572	80.40	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	994589	81.60	ng	0.00
79) Terphenyl-d14	19.96	244	1588311	84.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	66921	40.631	ng	98
3) Pyridine	3.80	79	197922	43.147	ng	95
4) n-Nitrosodimethylamine	3.71	42	61884	41.227	ng	87
6) Aniline	7.28	93	275062	44.572	ng	99
8) 2-Chlorophenol	7.53	128	161364	44.302	ng	97
9) Benzaldehyde	7.08	77	125484	40.742	ng	96
10) Phenol	7.18	94	220888	45.337	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	169234	44.532	ng	94
12) 1,3-Dichlorobenzene	7.84	146	187373	42.808	ng	100
13) 1,4-Dichlorobenzene	7.99	146	189345	43.834	ng	98
14) 1,2-Dichlorobenzene	8.30	146	179726	43.260	ng	98
15) Benzyl Alcohol	8.20	79	172390	44.143	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	164652	45.643	ng	95
17) 2-Methylphenol	8.42	107	165837	45.475	ng	95
18) Hexachloroethane	9.04	117	74793	45.209	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	148838	45.530	ng	95
20) 3+4-Methylphenols	8.75	107	223252	44.956	ng	# 88
22) Acetophenone	8.77	105	271348	41.854	ng	# 97
24) Nitrobenzene	9.16	77	226152	42.080	ng	100
25) Isophorone	9.68	82	423936	42.914	ng	98
26) 2-Nitrophenol	9.87	139	97481	42.401	ng	96
27) 2,4-Dimethylphenol	9.95	122	146529	42.972	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	226317	43.684	ng	97
29) 2,4-Dichlorophenol	10.42	162	175160	43.501	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	203211	42.709	ng	99
31) Naphthalene	10.81	128	546736	42.892	ng	99
32) Benzoic acid	10.12	122	108752	47.125	ng	89
33) 4-Chloroaniline	10.92	127	238774	44.813	ng	97
34) Hexachlorobutadiene	11.10	225	144808	43.055	ng	98
35) Caprolactam	11.69	113	62809	42.497	ng	# 81
36) 4-Chloro-3-methylphenol	12.07	107	206851	45.589	ng	96
37) 2-Methylnaphthalene	12.42	142	412360	43.403	ng	99
38) 1-Methylnaphthalene	12.64	142	392024	43.682	ng	# 94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	232234	40.218	ng	100

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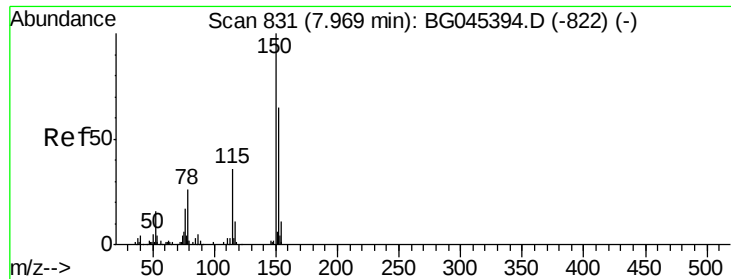
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	132626	39.794	nq	100
43) 2,4,6-Trichlorophenol	13.04	196	165088	41.157	nq	96
44) 2,4,5-Trichlorophenol	13.12	196	187288	40.859	nq	97
46) 1,1'-Biphenyl	13.43	154	519021	40.859	nq	100
47) 2-Chloronaphthalene	13.47	162	425706	41.270	nq	99
48) 2-Nitroaniline	13.68	65	141212	41.617	nq	94
49) Acenaphthylene	14.32	152	684912	41.338	nq	99
50) Dimethylphthalate	14.05	163	578373	40.783	nq	99
51) 2,6-Dinitrotoluene	14.17	165	132471	41.396	nq	100
52) Acenaphthene	14.66	154	452367m	40.788	nq	
53) 3-Nitroaniline	14.51	138	132466	40.721	nq	93
54) 2,4-Dinitrophenol	14.71	184	68768	36.025	nq	93
55) Dibenzofuran	14.99	168	679575	41.262	nq	97
56) 4-Nitrophenol	14.85	139	93960	38.151	nq	98
57) 2,4-Dinitrotoluene	14.96	165	190825	41.174	nq	98
58) Fluorene	15.65	166	565953	41.827	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	160903	39.900	nq	99
60) Diethylphthalate	15.42	149	601071	40.721	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	323313	41.756	nq	99
62) 4-Nitroaniline	15.67	138	135176	39.804	nq	95
63) Azobenzene	15.93	77	577286	41.943	nq	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	116367	41.092	nq	96
66) n-Nitrosodiphenylamine	15.85	169	490575	42.021	nq	95
67) 4-Bromophenyl-phenylether	16.53	248	223431	42.435	nq	98
68) Hexachlorobenzene	16.66	284	234170	42.523	nq	96
69) Atrazine	16.80	200	190118	39.537	nq	98
70) Pentachlorophenol	17.00	266	113053	39.537	nq	97
71) Phenanthrene	17.39	178	899496	42.375	nq	99
72) Anthracene	17.48	178	896583	42.060	nq	99
73) Carbazole	17.75	167	851459	40.977	nq	99
74) Di-n-butylphthalate	18.31	149	1004297	40.269	nq	98
75) Fluoranthene	19.40	202	1084865	40.181	nq	100
77) Benzidine	19.58	184	418703	33.856	nq	98
78) Pyrene	19.76	202	1083777	43.177	nq	99
80) Butylbenzylphthalate	20.65	149	449132	41.454	nq	100
81) Benzo(a)anthracene	21.59	228	1028373	41.924	nq	100
82) 3,3'-Dichlorobenzidine	21.50	252	383469	39.853	nq	99
83) Chrysene	21.65	228	987497	41.868	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	630651	42.345	nq	99
85) Di-n-octyl phthalate	22.68	149	1074307	41.999	nq	99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1277866	41.431	nq	# 95
88) Benzo(b)fluoranthene	23.76	252	1093841	42.385	nq	99
89) Benzo(k)fluoranthene	23.82	252	1053717	43.460	nq	100
90) Benzo(a)pyrene	24.61	252	1036221	43.113	nq	97
91) Dibenzo(a,h)anthracene	28.39	278	1029583	42.628	nq	99
92) Benzo(g,h,i)perylene	29.44	276	1020272	42.237	nq	98

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



#1

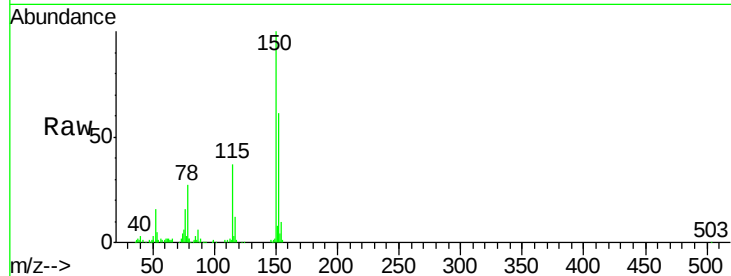
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	122.4	183.6
115	60.0	44.2	66.4

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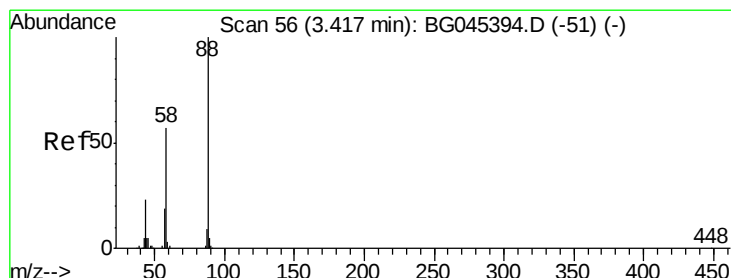
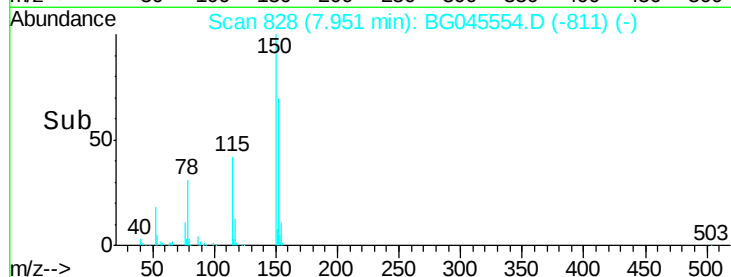
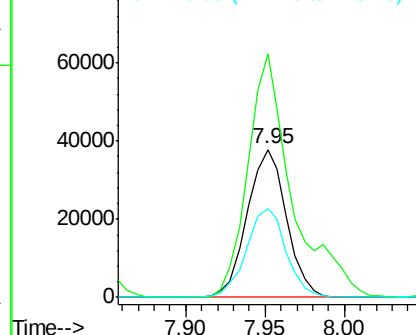


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

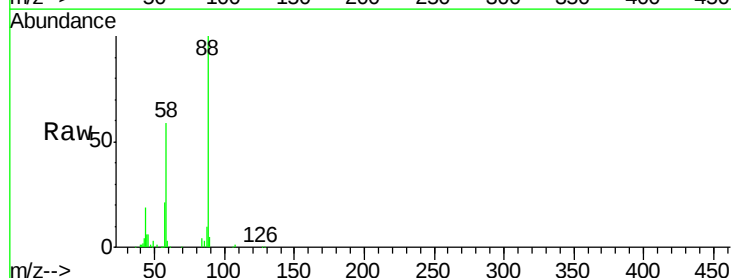
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.631 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.2	45.7	68.5
43	21.0	16.8	25.2

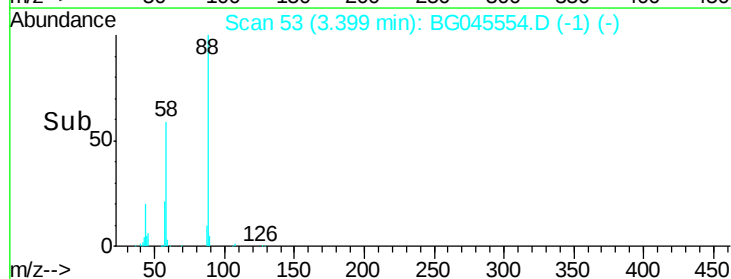
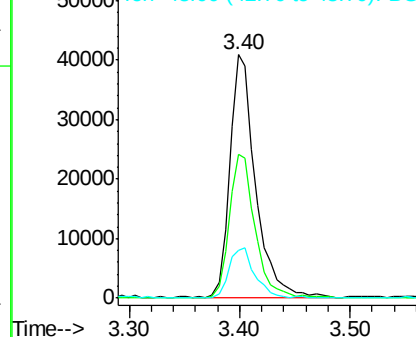


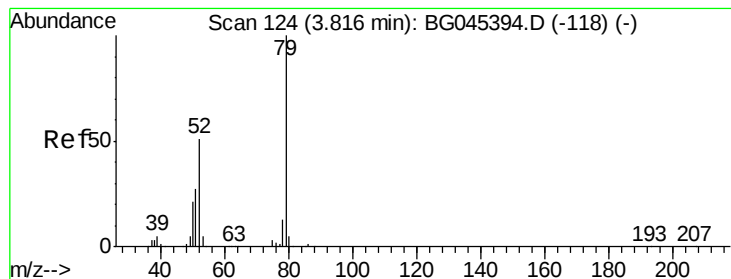
Abundance

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: 43.147 ng

RT: 3.80 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

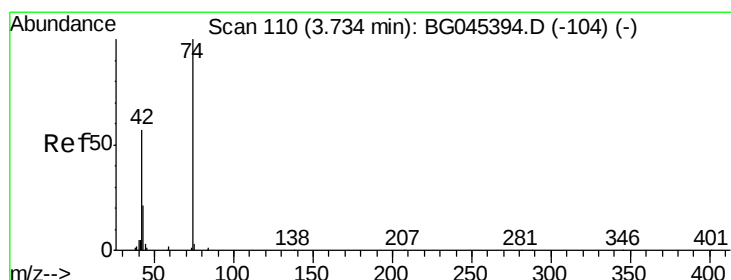
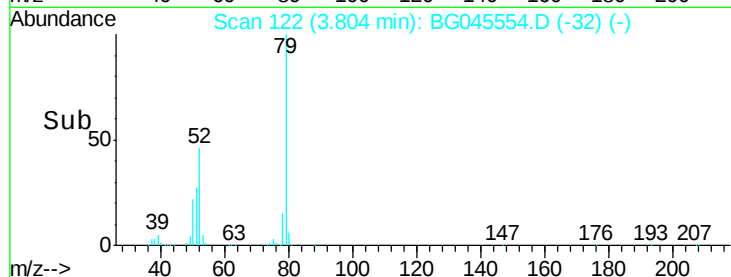
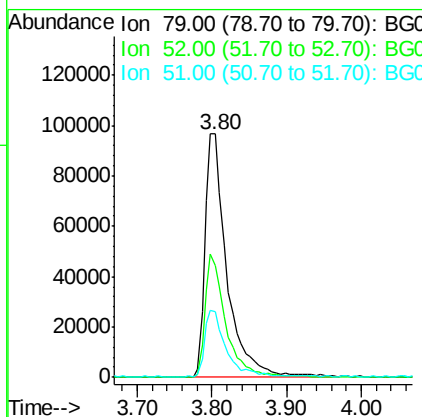
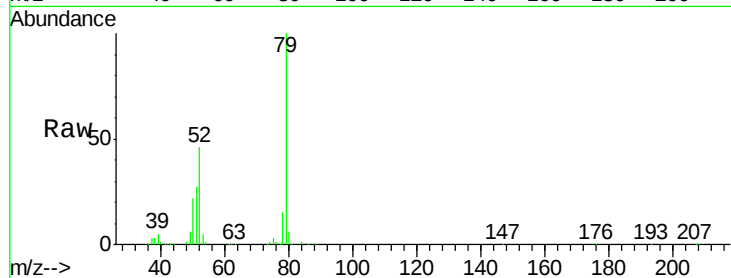
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	197922
Ion Ratio	Lower	Upper	
79	100		
52	45.8	40.8	61.2
51	27.1	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 41.227 ng

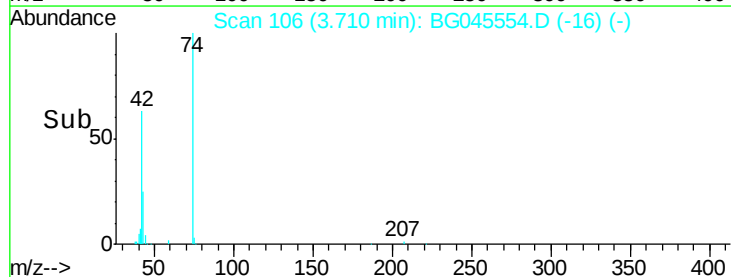
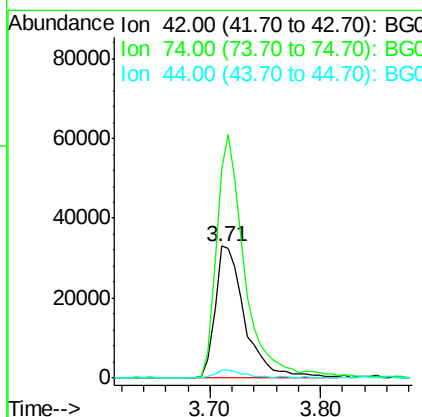
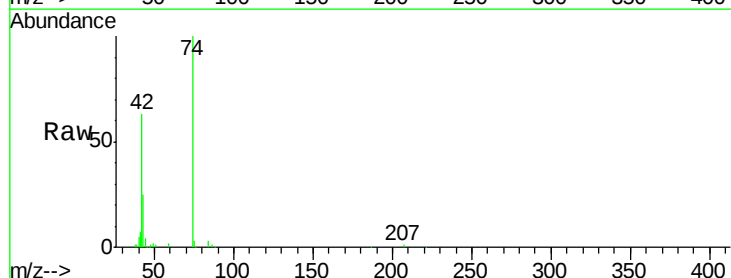
RT: 3.71 min Scan# 106

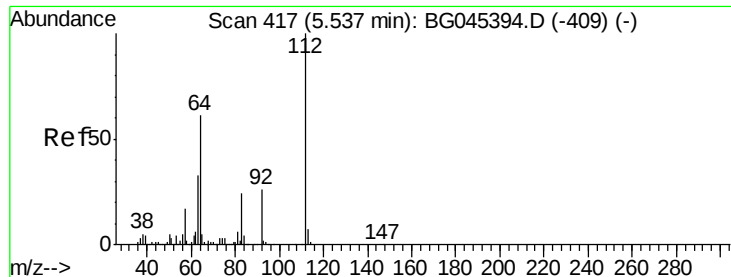
Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tgt Ion:	42	Resp:	61884
Ion Ratio	Lower	Upper	
42	100		
74	158.6	141.3	211.9
44	6.1	4.2	6.4





#5

2-Fluorophenol

Concen: 85.622 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

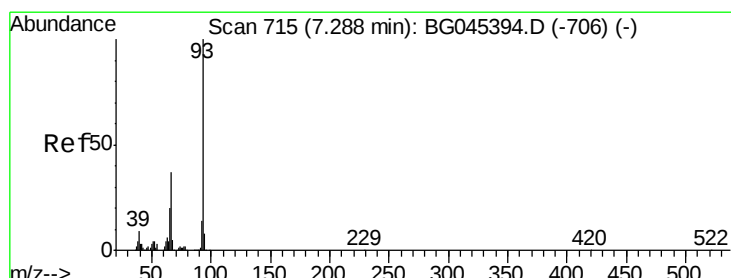
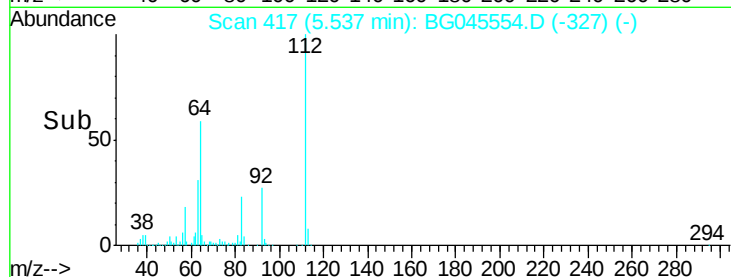
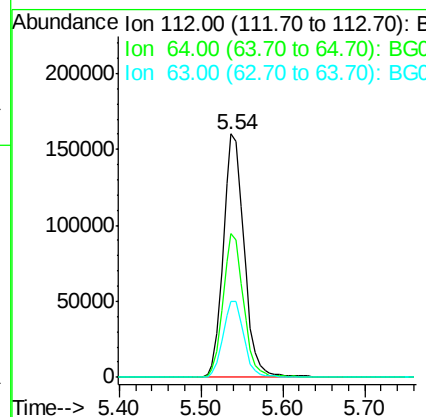
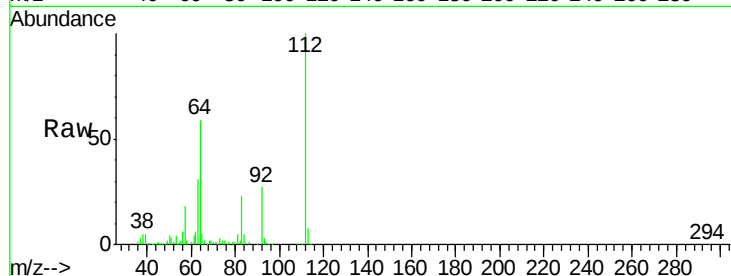
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		284385		
64	58.8		48.6	72.8	
63	31.3		26.5	39.7	

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#6

Aniline

Concen: 44.572 ng

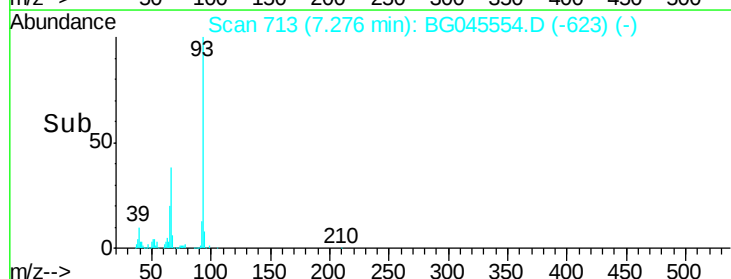
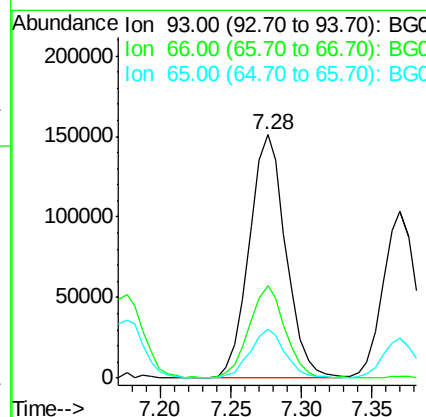
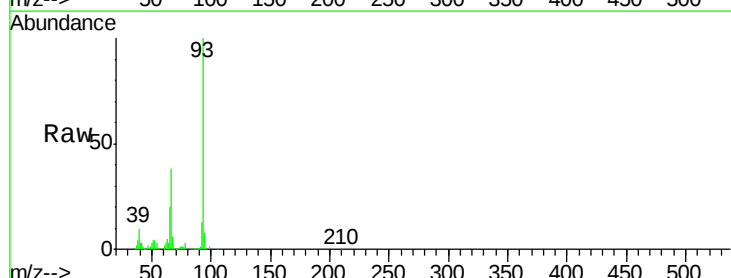
RT: 7.28 min Scan# 713

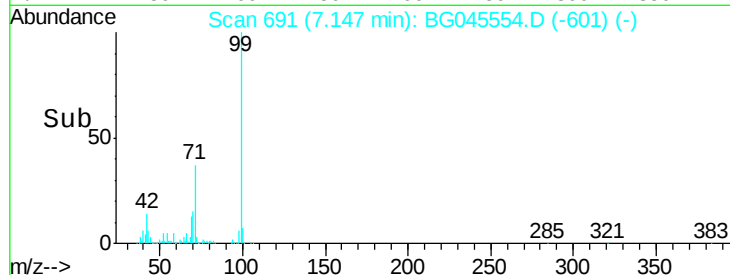
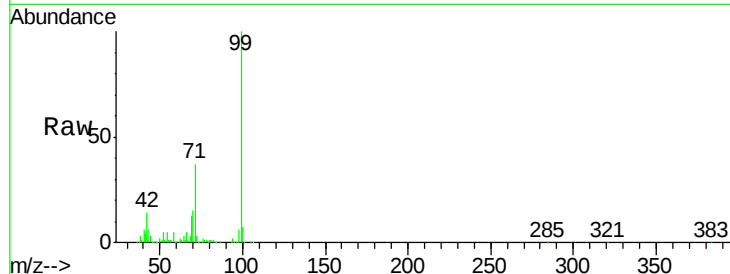
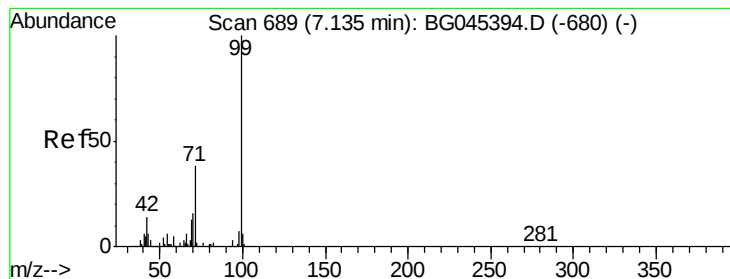
Delta R.T. 0.00 min

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		275062		
66	38.2		29.6	44.4	
65	20.1		15.9	23.9	





#7

Phenol-d6

Concen: 91.694 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tot Ion	99	Resp	433467
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.3	16.9
71	37.3	30.8	46.2

Instrument :

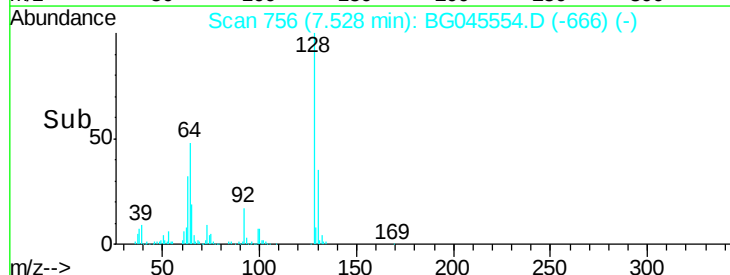
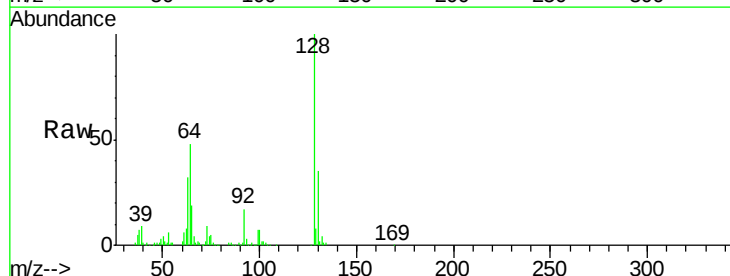
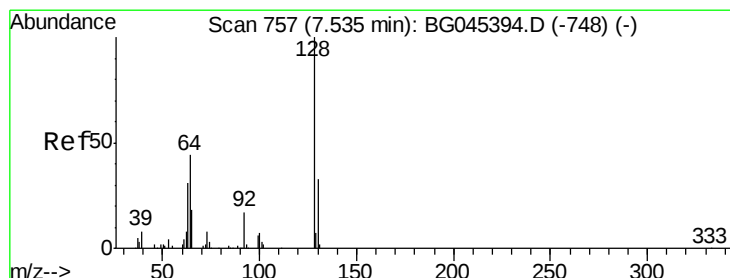
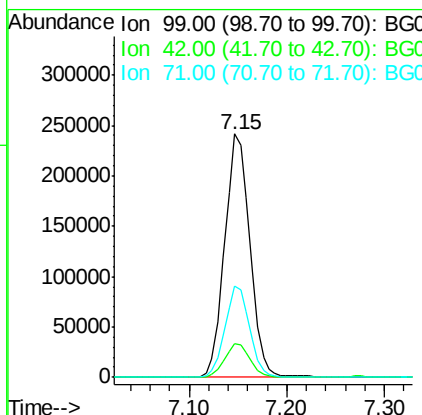
BNA_G

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 44.302 ng

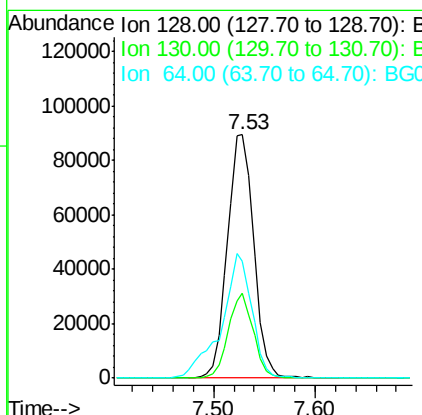
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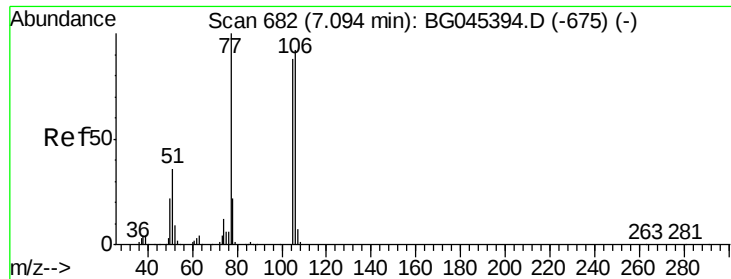
Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tgt Ion	128	Resp	161364
Ion	Ratio	Lower	Upper
128	100		
130	35.1	12.6	52.6
64	48.2	27.0	67.0





#9

Benzaldehyde

Concen: 40.742 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

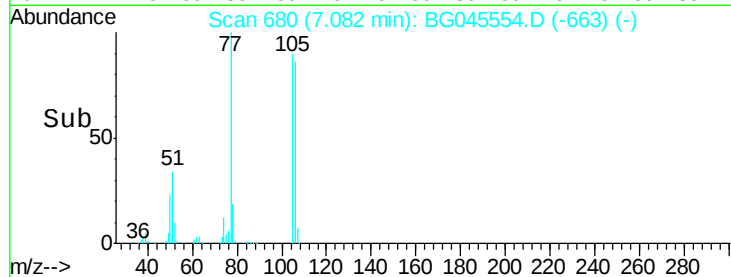
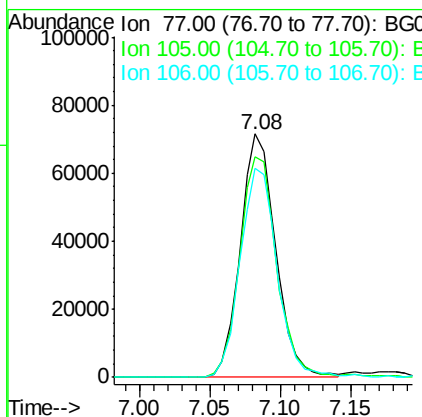
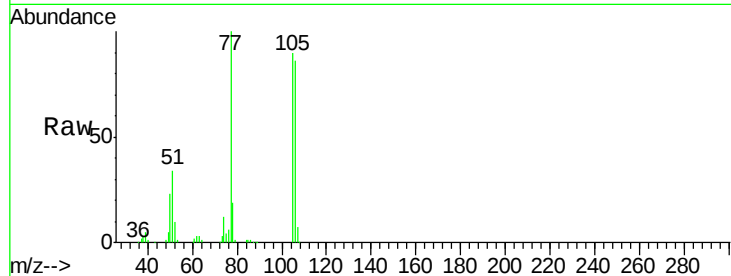
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	125484
Ion Ratio	Lower	Upper	
77	100		
105	90.4	68.5	108.5
106	85.9	71.6	111.6

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#10

Phenol

Concen: 45.337 ng

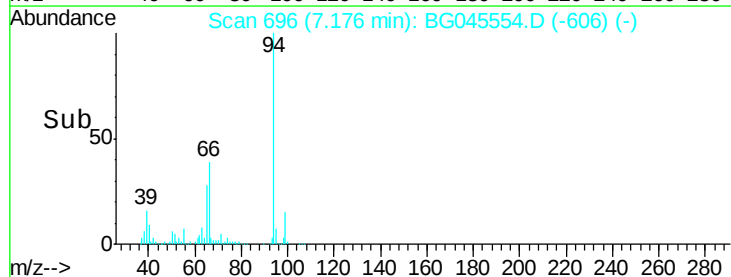
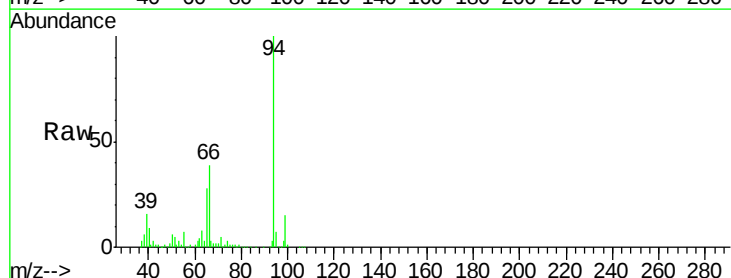
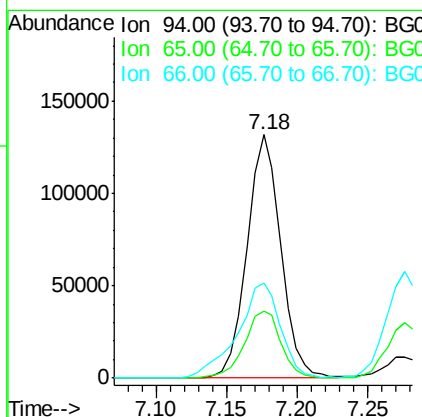
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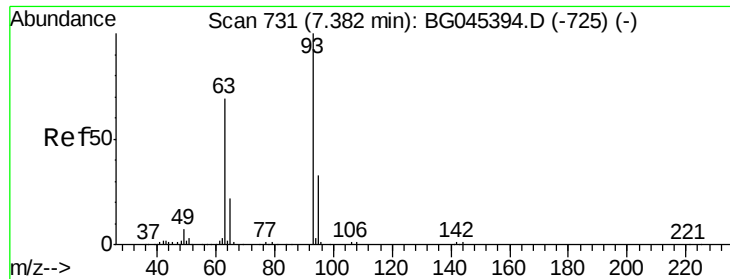
Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tgt Ion:	94	Resp:	220888
Ion Ratio	Lower	Upper	
94	100		
65	27.6	9.8	49.8
66	39.1	22.0	62.0





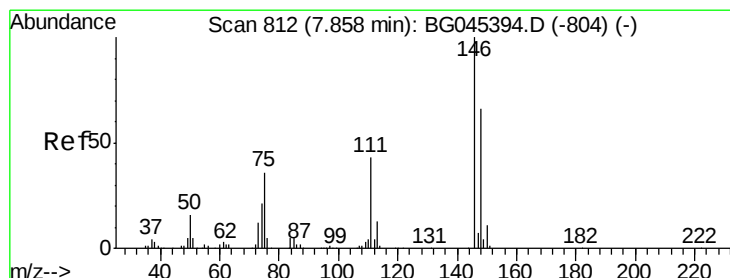
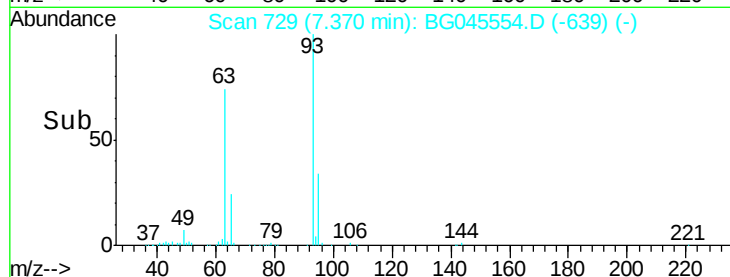
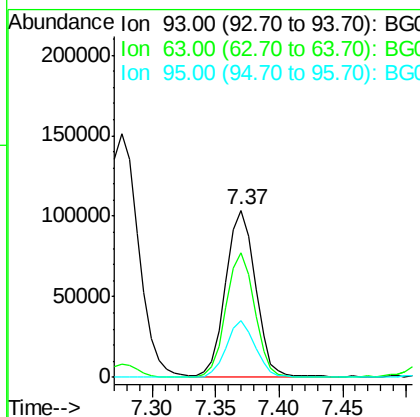
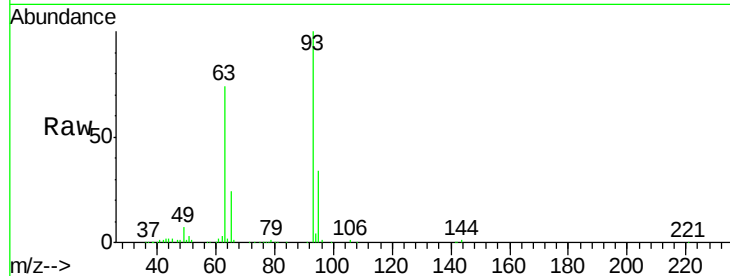
#11
bis(2-Chloroethyl)ether
Concen: 44.532 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	169234
Ion Ratio	100	Lower	Upper
93	100		
63	74.5	48.4	88.4
95	33.6	12.4	52.4

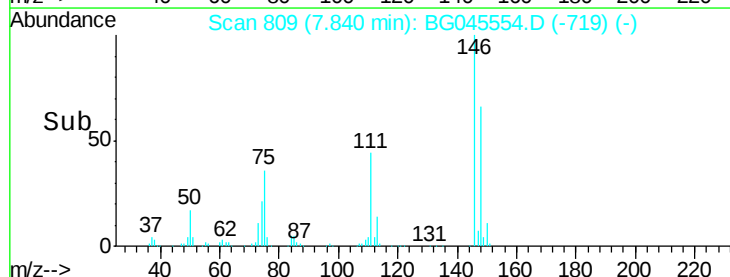
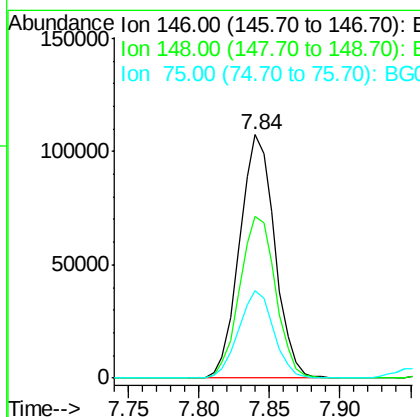
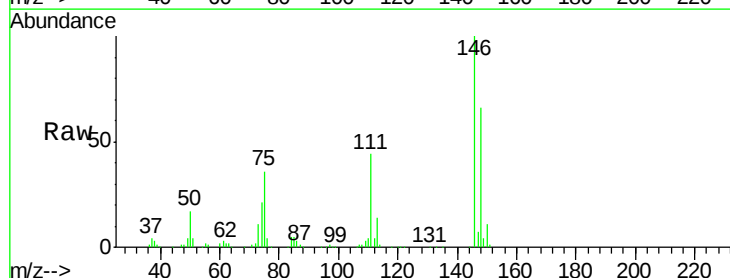
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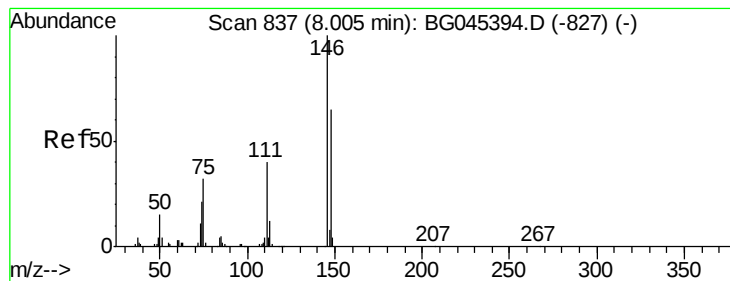
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.808 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	146	Resp	187373
Ion Ratio	100	Lower	Upper
146	100		
148	66.2	53.2	79.8
75	35.8	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 43.834 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

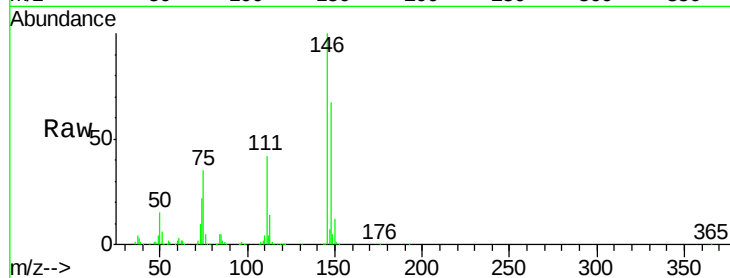
ClientSampleId :

SSTDCCC040

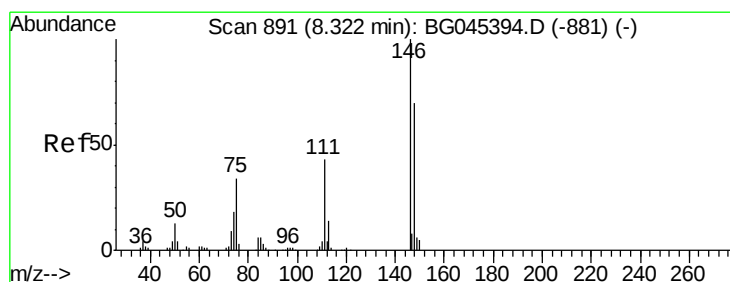
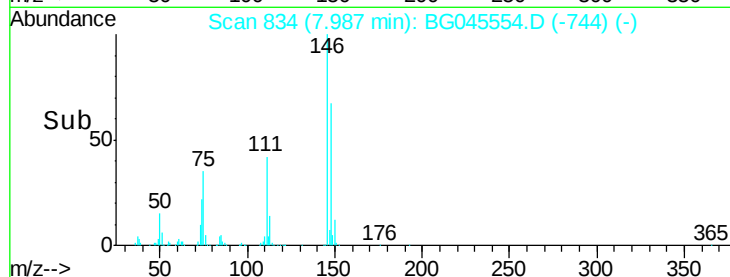
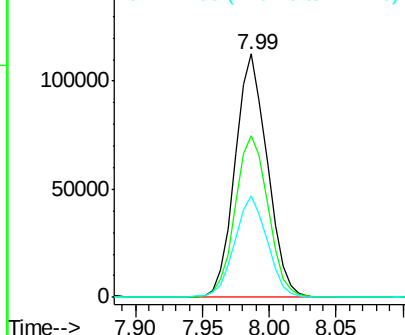
Tot Ion:	146	Resp:	189345
Ion Ratio	Lower	Upper	
146	100		
148	66.6	51.8	77.8
111	41.6	32.1	48.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.260 ng

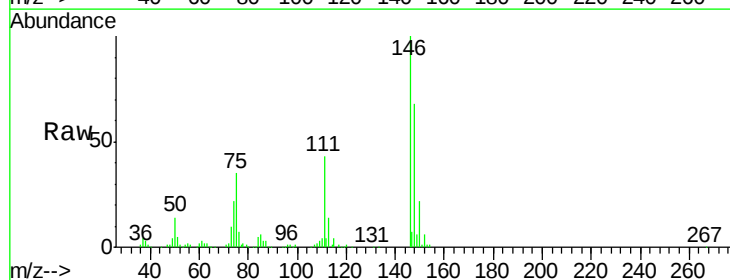
RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

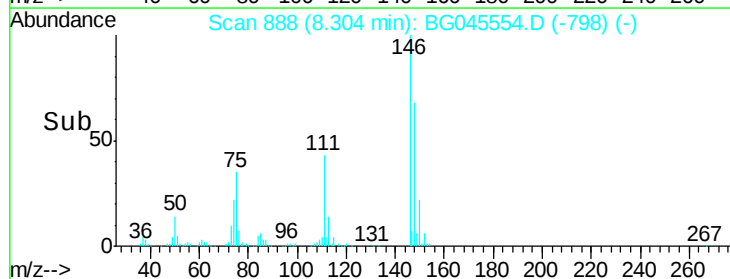
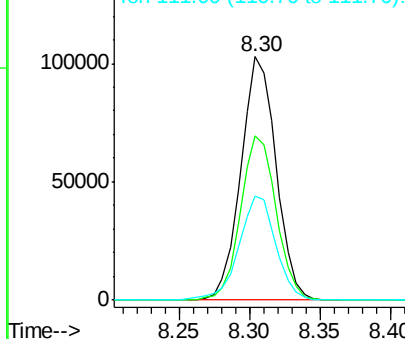
Lab File: BG045554.D

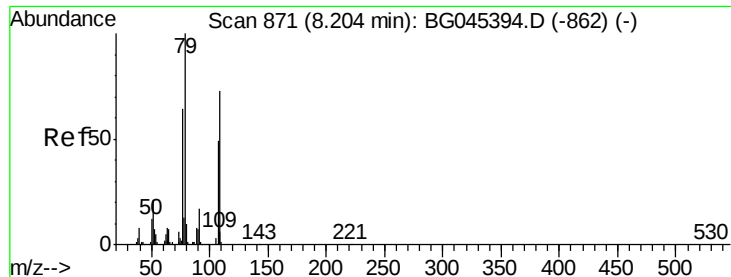
Acq: 1 Jun 2020 13:57

Tgt Ion:	146	Resp:	179726
Ion Ratio	Lower	Upper	
146	100		
148	67.7	55.9	83.9
111	42.8	35.0	52.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.143 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

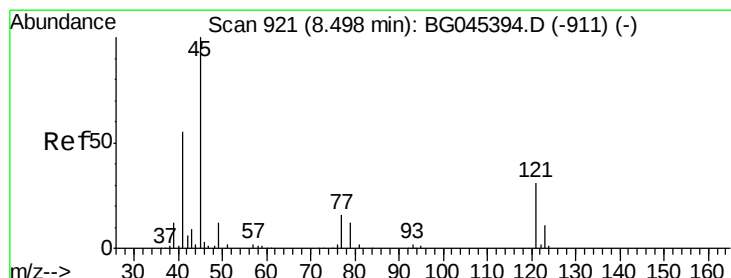
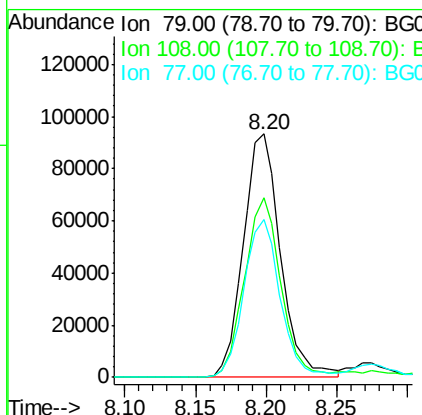
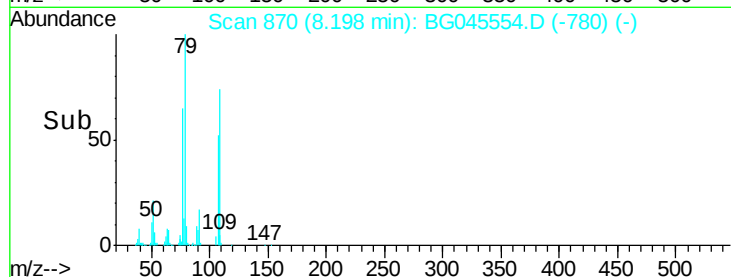
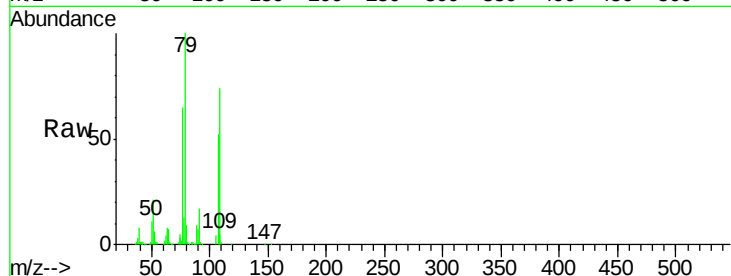
ClientSampleId :

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Tot Ion:	79	Resp:	172390
Ion	Ratio	Lower	Upper
79	100		
108	73.8	58.2	87.4
77	65.0	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.643 ng

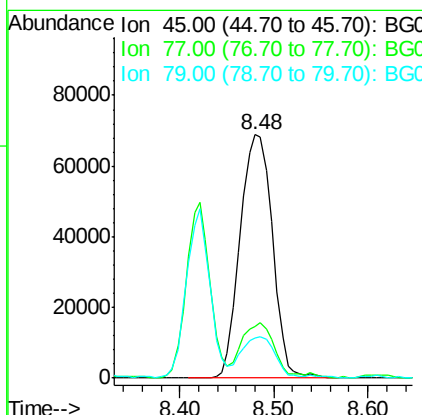
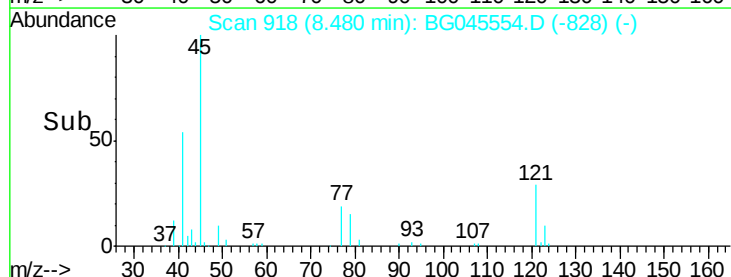
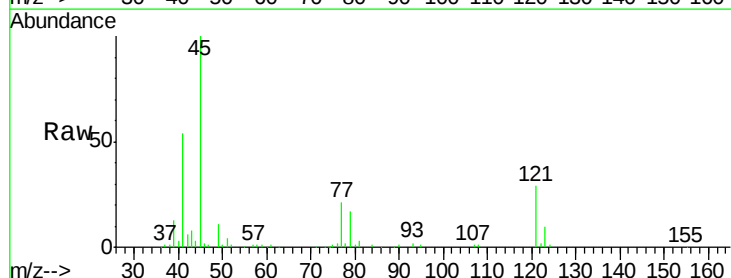
RT: 8.48 min Scan# 918

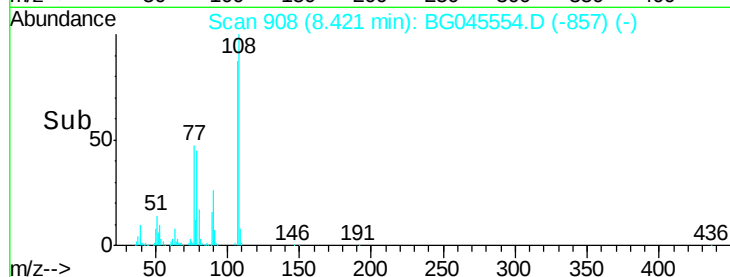
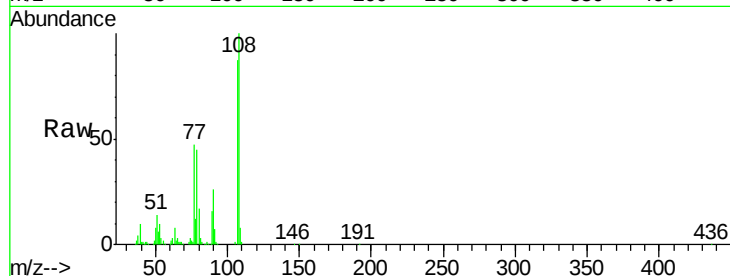
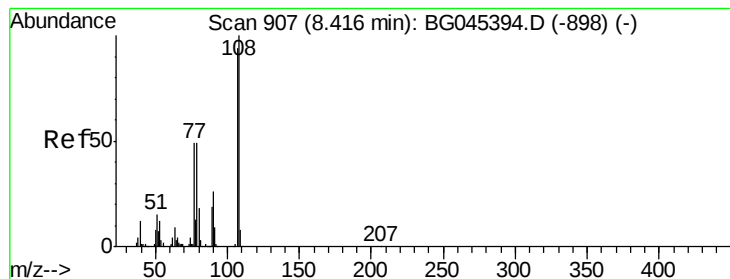
Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tgt Ion:	45	Resp:	164652
Ion	Ratio	Lower	Upper
45	100		
77	21.1	4.0	44.0
79	16.6	0.0	38.6





#17

2-Methylphenol

Concen: 45.475 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tot Ion	107	Resp	165837
Ion Ratio	Lower	Upper	
107	100		
108	114.3	85.2	127.8
77	53.6	41.6	62.4
79	51.6	41.8	62.8

Instrument :

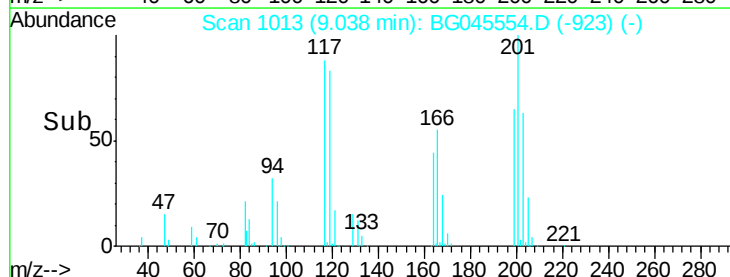
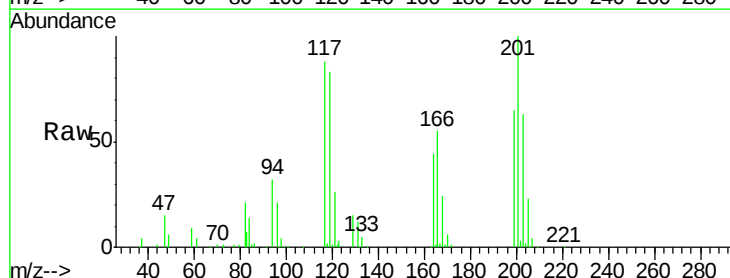
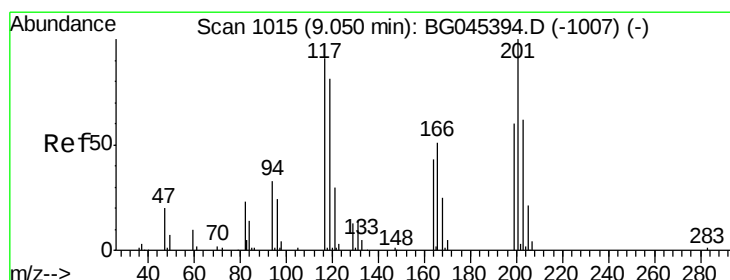
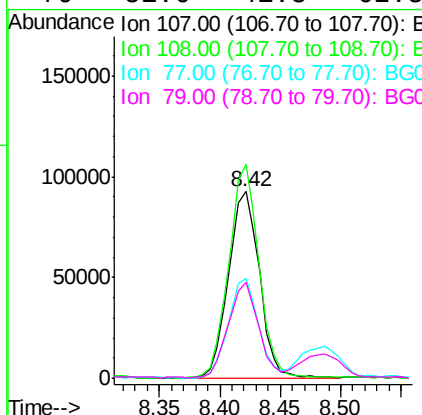
BNA_G

ClientSampleId :

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#18

Hexachloroethane

Concen: 45.209 ng

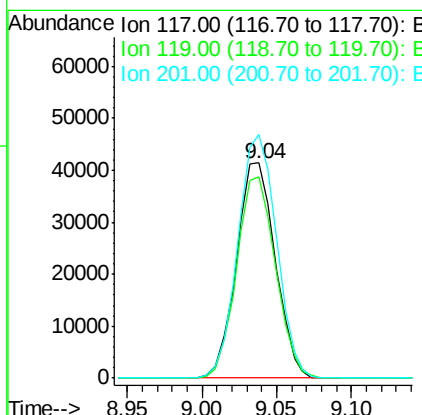
RT: 9.04 min Scan# 1013

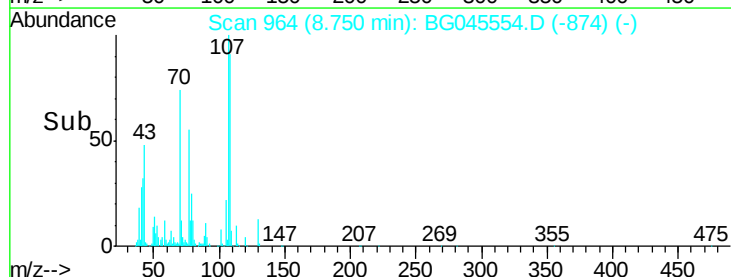
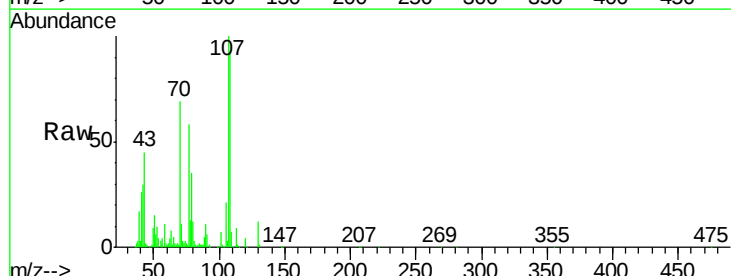
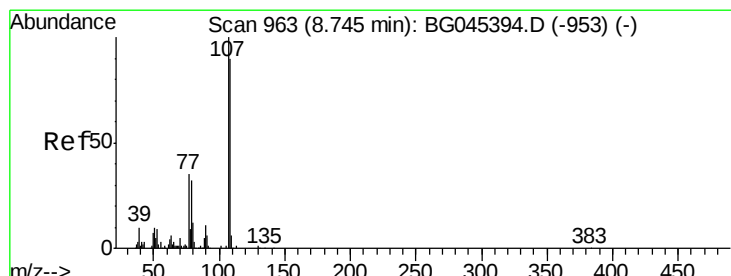
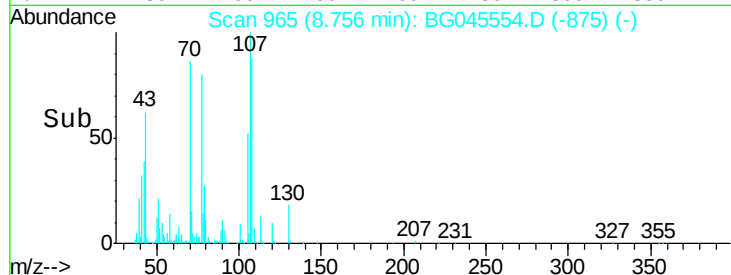
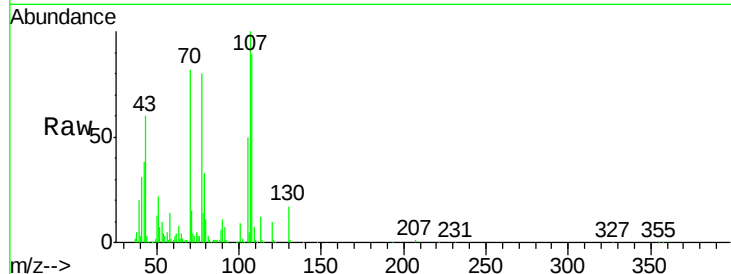
Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

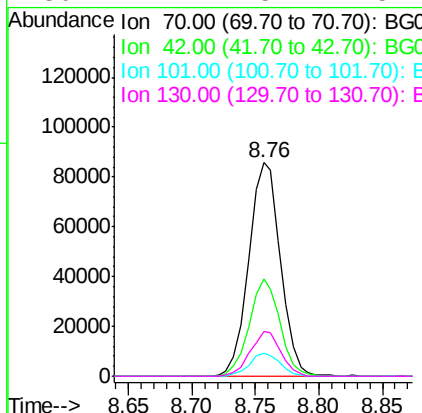
Tgt Ion	117	Resp	74793
Ion Ratio	Lower	Upper	
117	100		
119	93.5	71.3	106.9
201	113.3	87.5	131.3





#19
n-Nitroso-di-n-propylamine
Concen: 45.530 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.7	33.2	49.8		
101	10.6	7.8	11.6		
130	21.2	15.4	23.2		



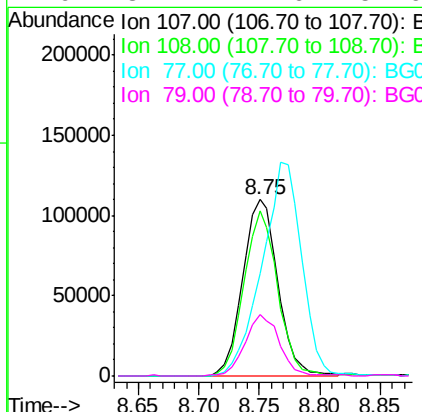
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

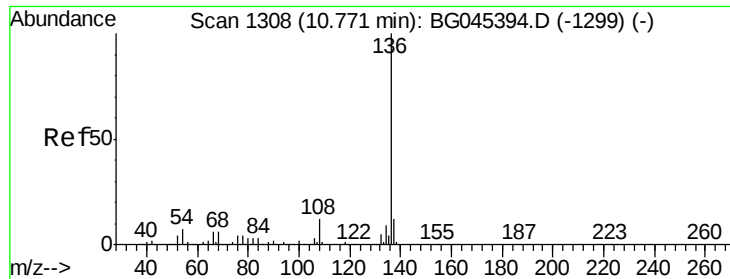
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#20
3+4-Methylphenols
Concen: 44.956 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.5	70.3	110.3		
77	58.5	15.4	55.4#		
79	34.7	12.6	52.6		





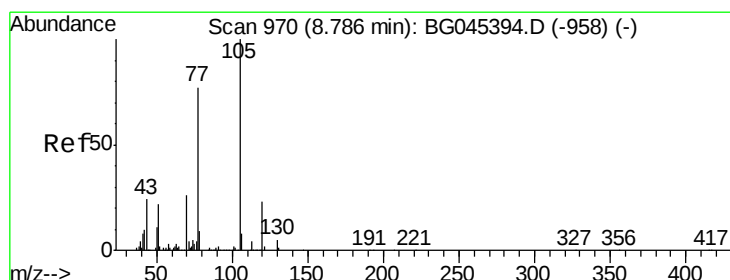
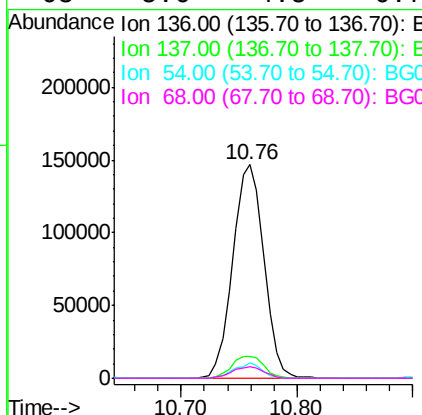
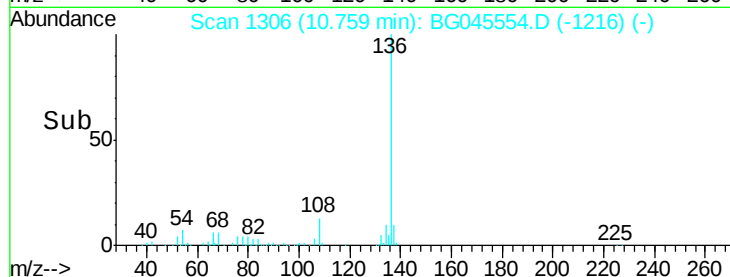
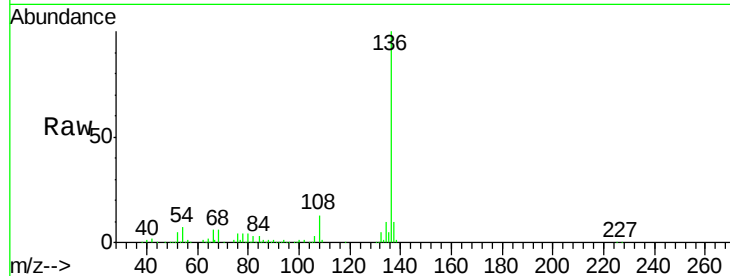
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	273539		
137	10.0		9.4	14.2
54	7.5		5.8	8.6
68	5.6		4.5	6.7

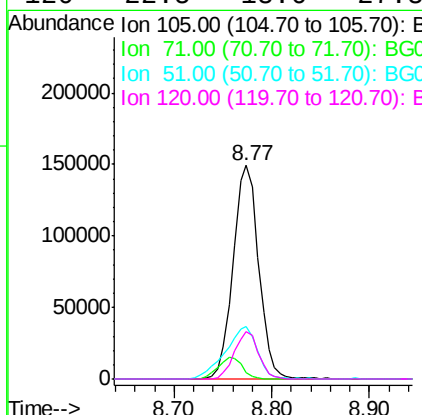
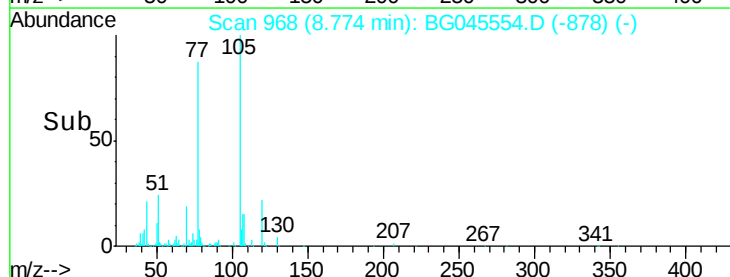
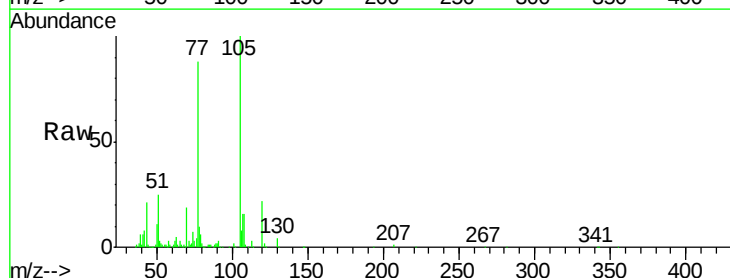
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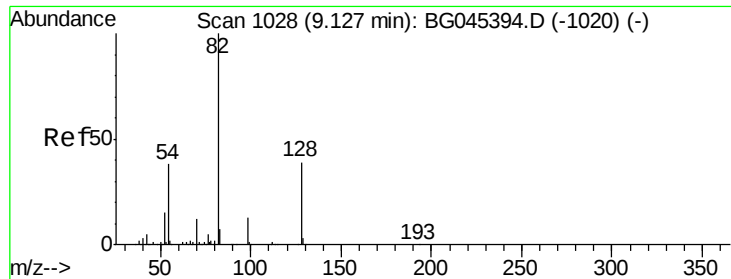
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#22
Acetophenone
Concen: 41.854 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	271348		
71	2.8		3.4	5.0#
51	24.7		18.2	27.2
120	22.5		18.6	27.8





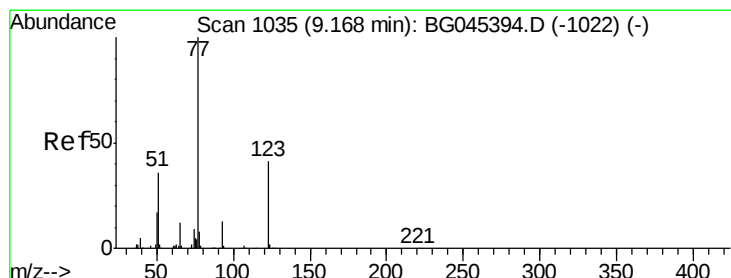
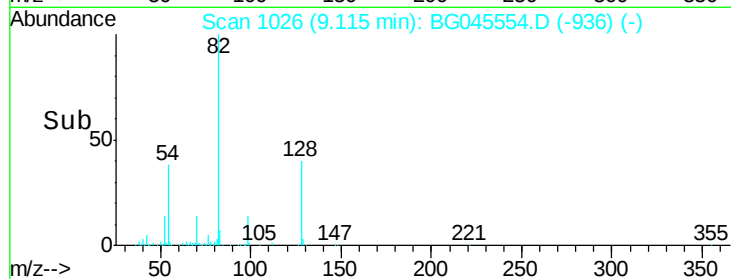
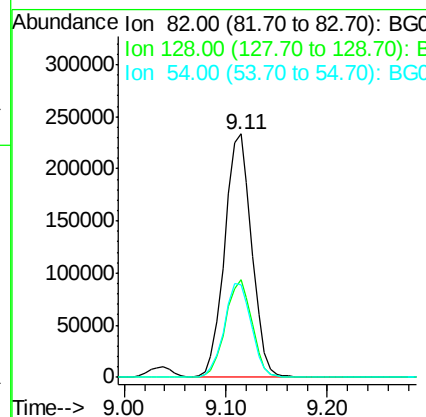
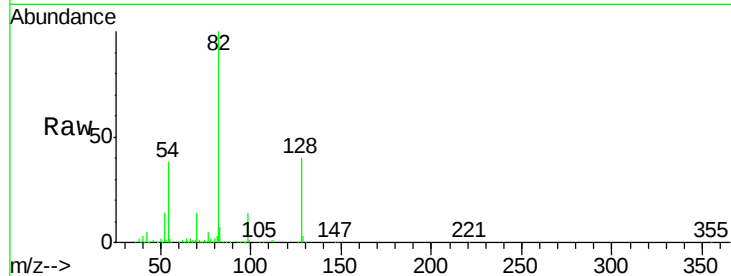
#23
 Nitrobenzene-d5
 Concen: 85.514 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.1	30.9	46.3	
54	37.8	30.3	45.5	

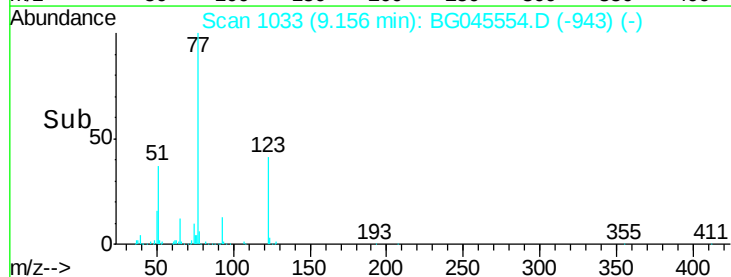
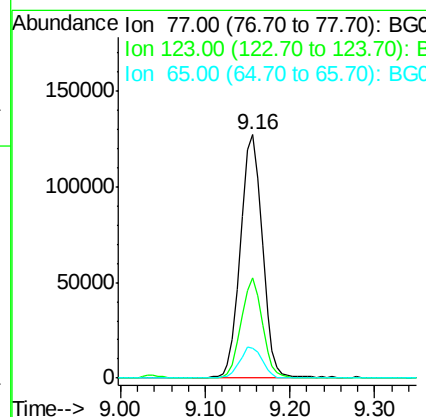
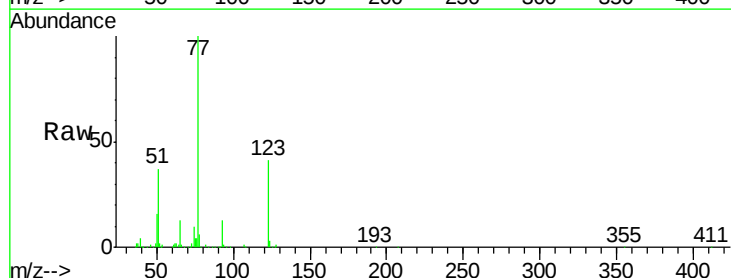
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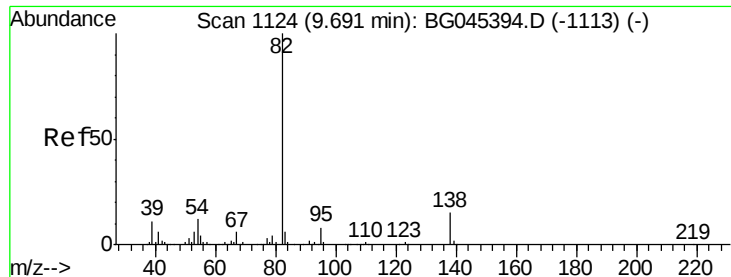
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#24
 Nitrobenzene
 Concen: 42.080 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.1	32.9	49.3	
65	12.5	9.4	14.2	





#25

Isophorone

Concen: 42.914 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

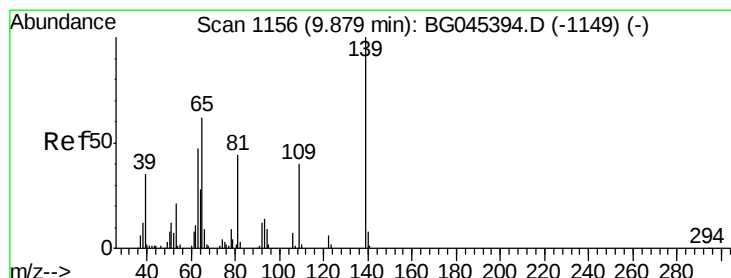
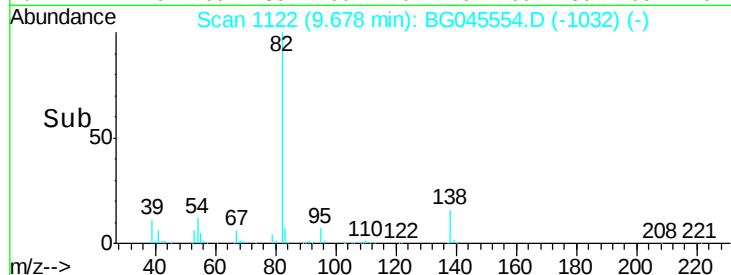
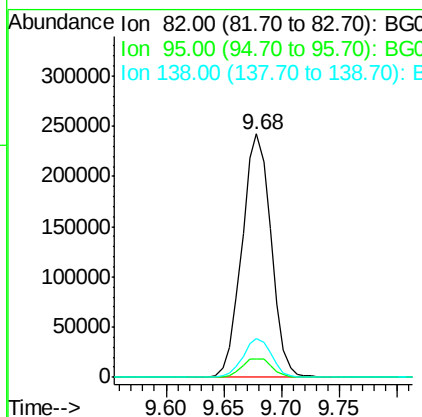
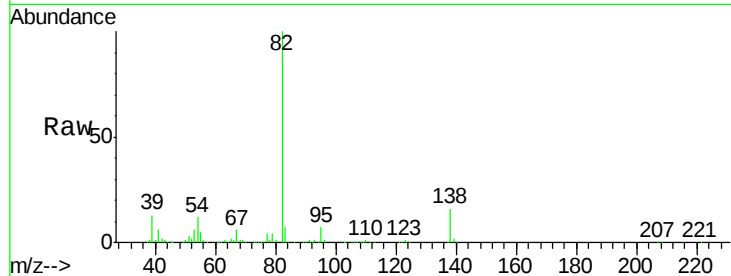
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	423936
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.7	10.1
138	16.2	12.2	18.4

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#26

2-Nitrophenol

Concen: 42.401 ng

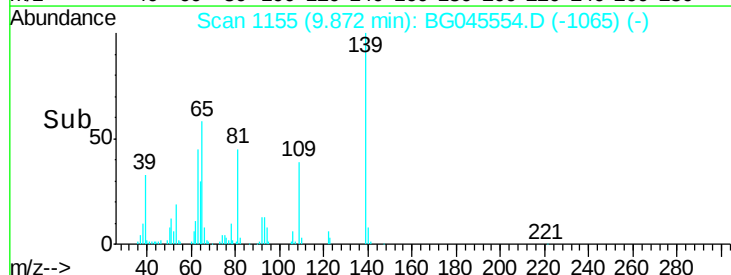
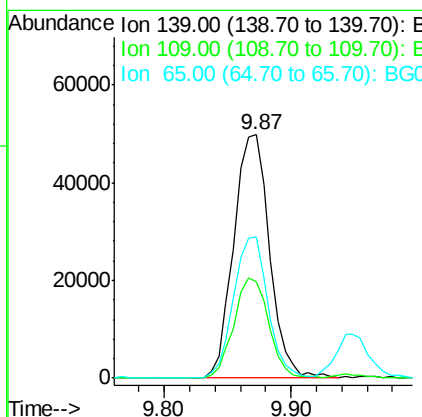
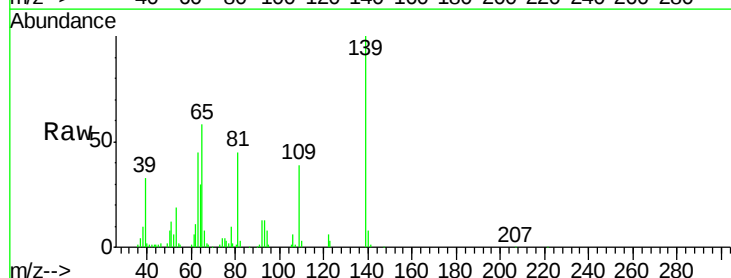
RT: 9.87 min Scan# 1155

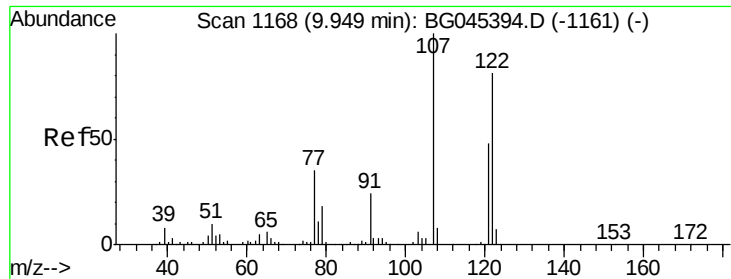
Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tgt Ion:	139	Resp:	97481
Ion Ratio	Lower	Upper	
139	100		
109	39.4	32.2	48.4
65	57.8	49.6	74.4





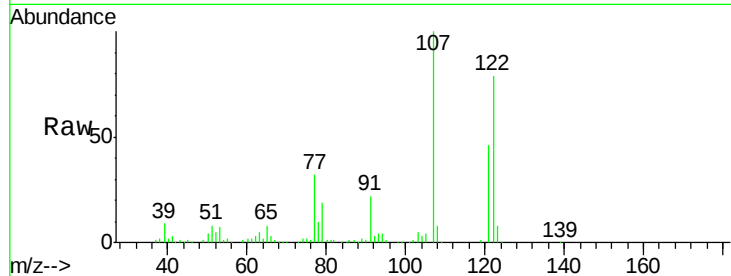
#27
 2,4-Dimethylphenol
 Concen: 42.972 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

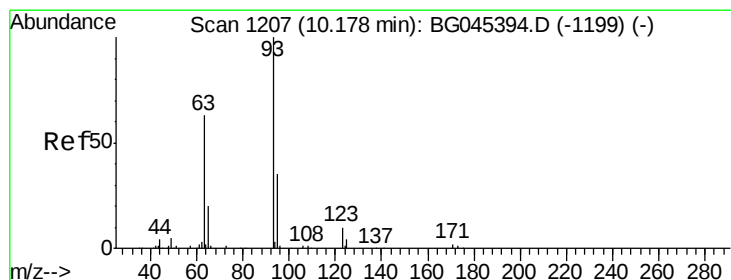
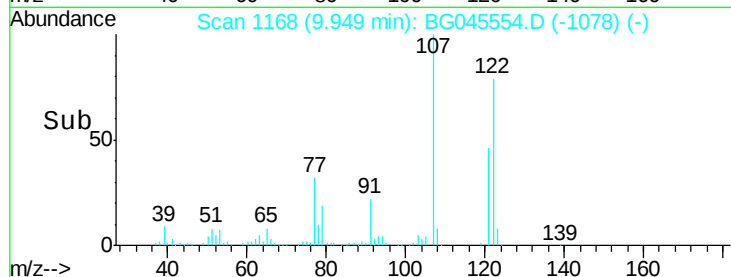
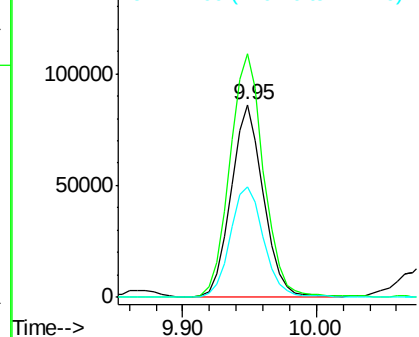
Tot Ion	Ratio	Resp	Lower	Upper
122	100	146529		
107	126.3	99.0	148.4	
121	57.5	47.7	71.5	

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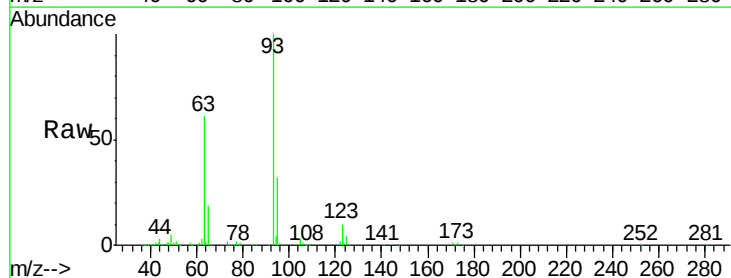


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

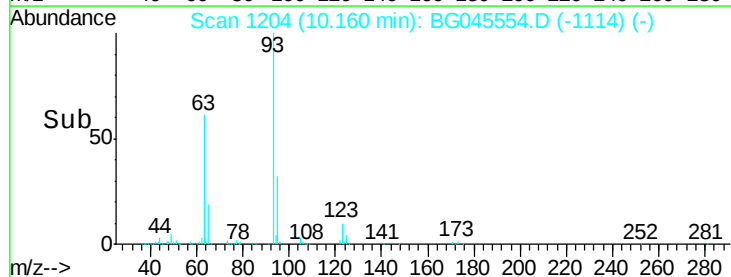
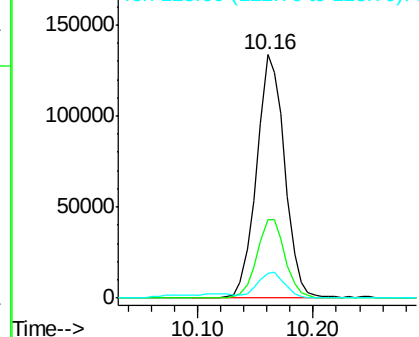


#28
 bis(2-Chloroethoxy)methane
 Concen: 43.684 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	226317		
95	32.4	27.6	41.4	
123	10.1	8.1	12.1	



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





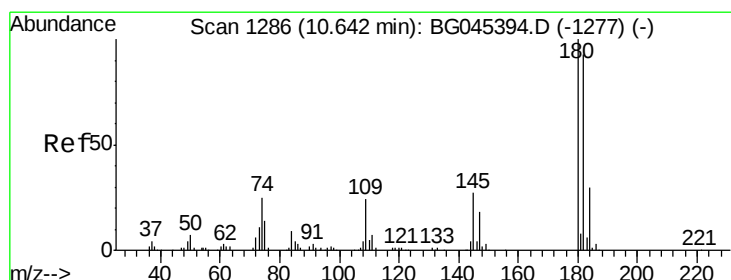
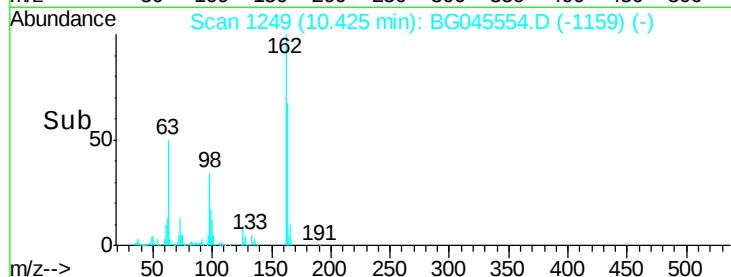
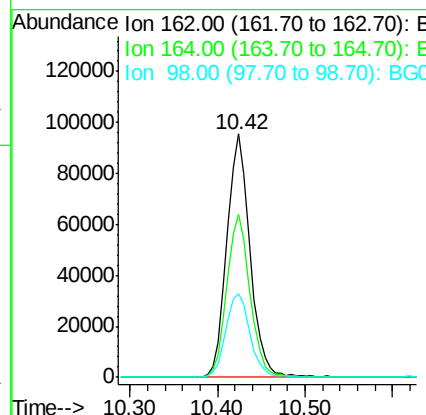
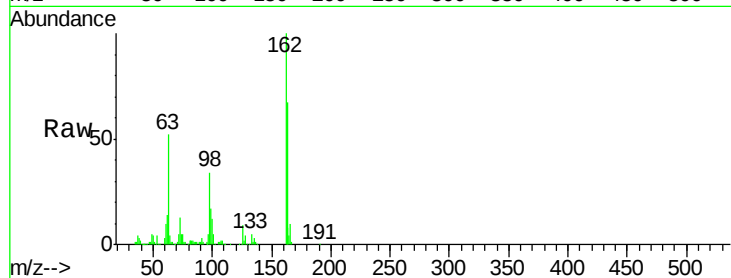
#29
 2,4-Dichlorophenol
 Concen: 43.501 ng
 RT: 10.42 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	46.8	86.8
98	34.5	15.2	55.2

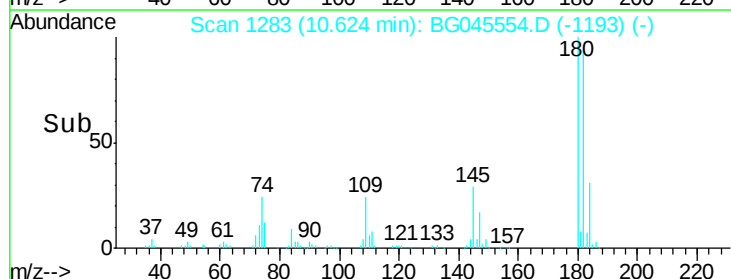
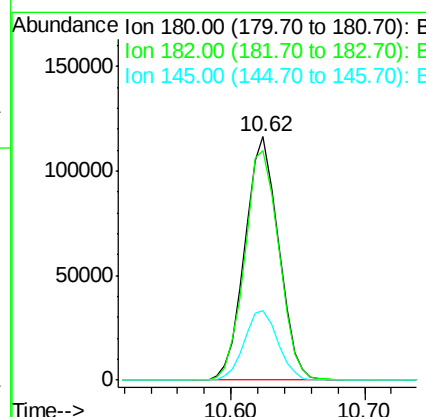
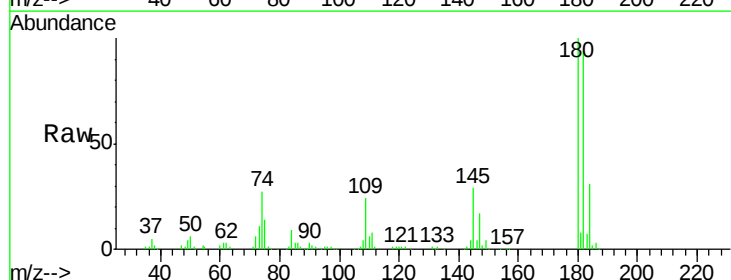
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.709 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.8	112.2
145	28.7	21.9	32.9





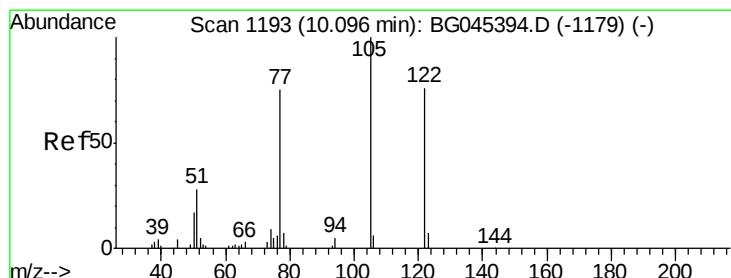
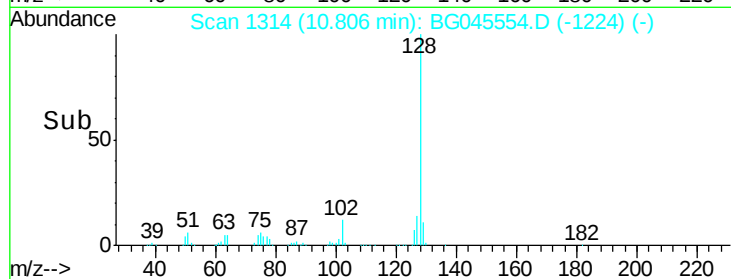
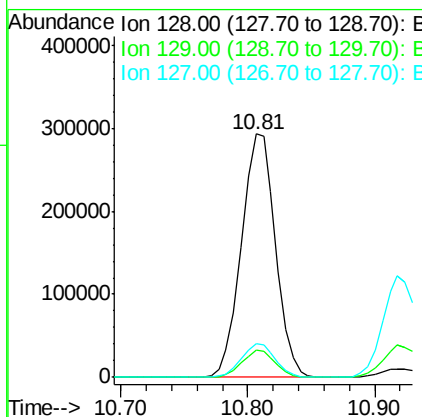
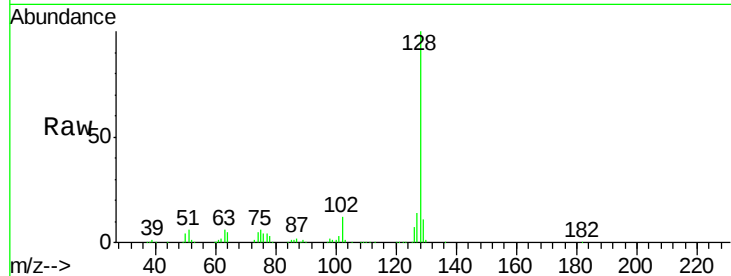
#31
Naphthalene
Concen: 42.892 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.0	10.7	16.1

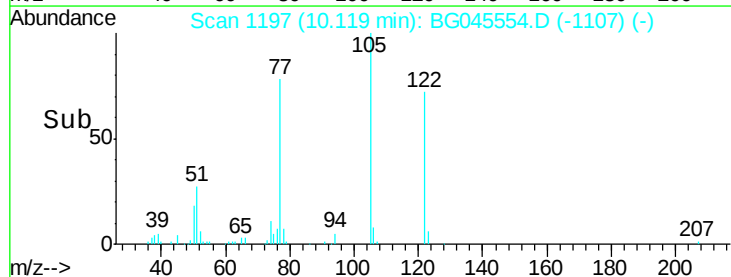
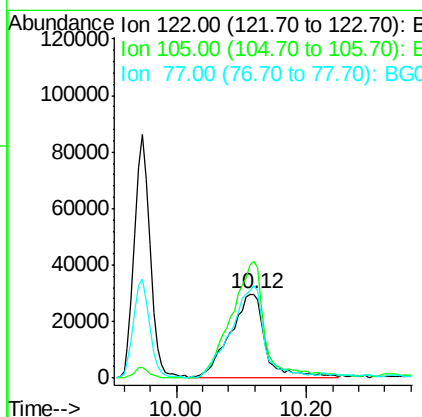
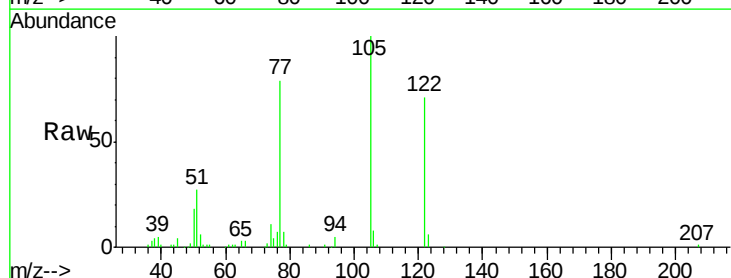
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#32
Benzoic acid
Concen: 47.125 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.2	107.9	147.9
77	110.1	78.9	118.9





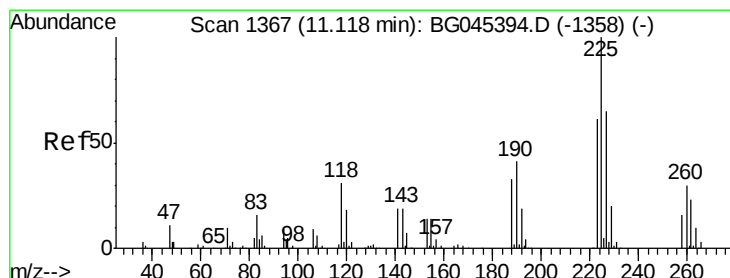
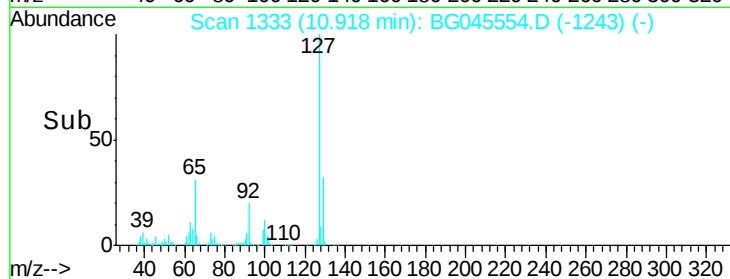
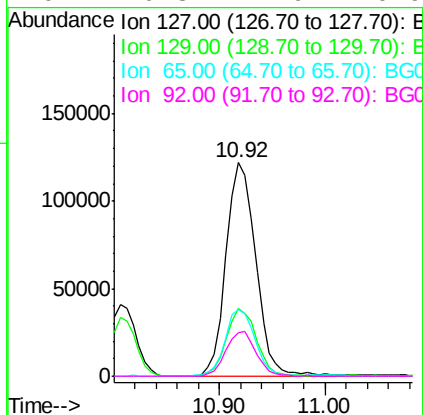
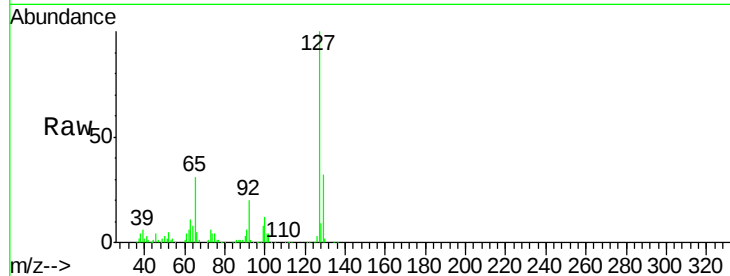
#33
4-Chloroaniline
Concen: 44.813 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.7	37.1
65	31.1	26.2	39.2
92	20.3	17.9	26.9

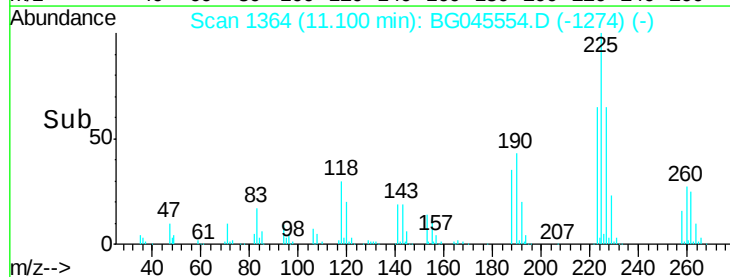
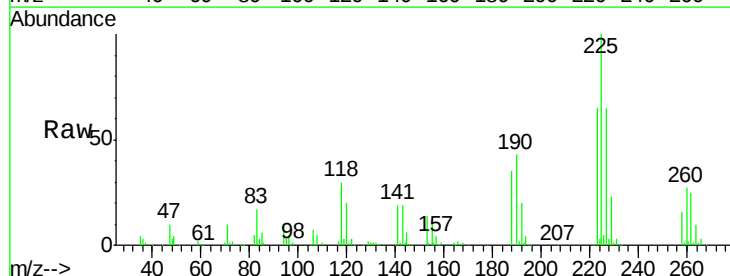
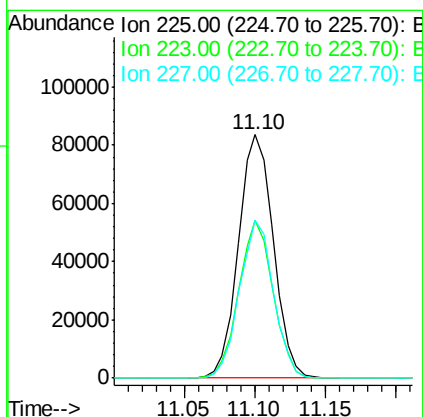
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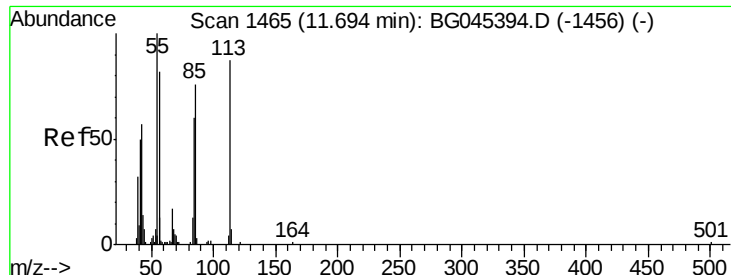
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#34
Hexachlorobutadiene
Concen: 43.055 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.1	73.7
227	64.9	52.0	78.0





#35

Caprolactam

Concen: 42.497 ng

RT: 11.69 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

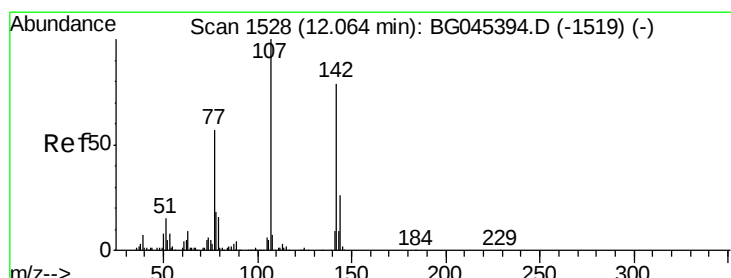
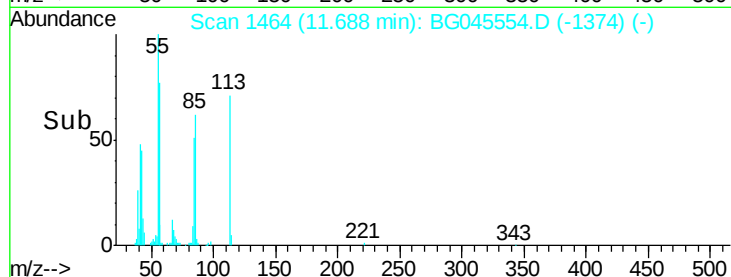
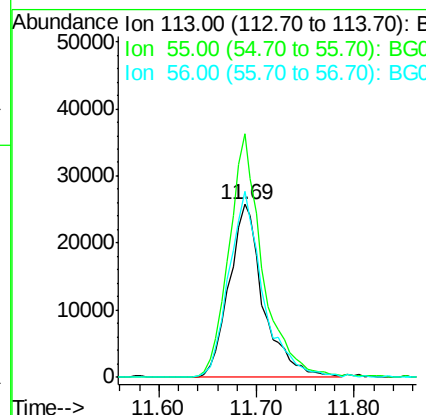
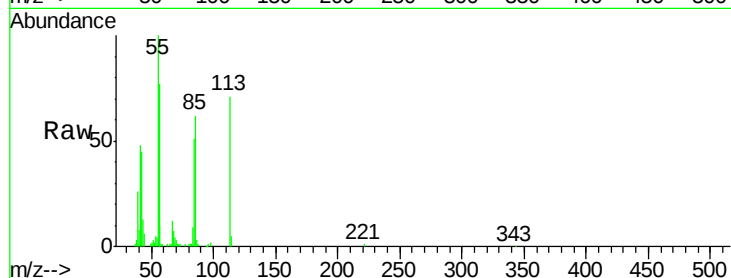
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.0	96.0	136.0#
56	108.0	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 45.589 ng

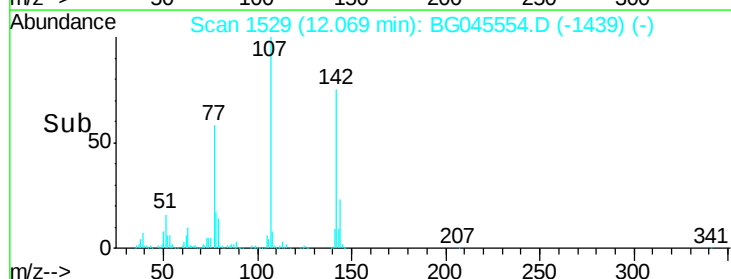
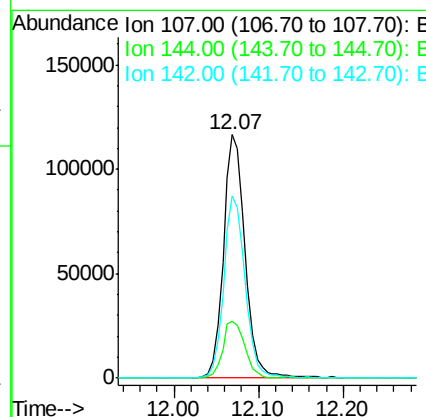
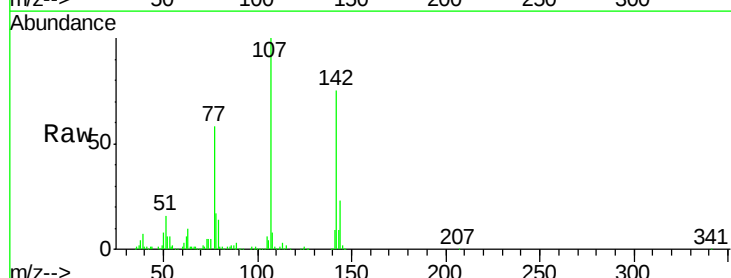
RT: 12.07 min Scan# 1529

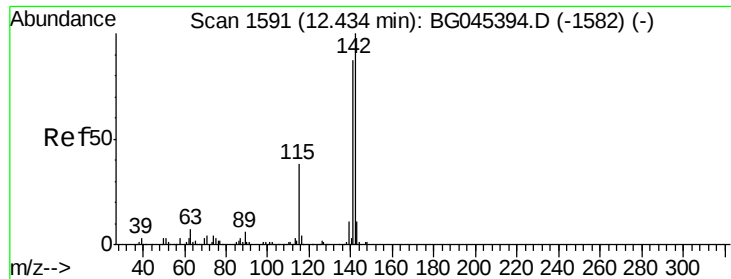
Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	20.8	31.2
142	75.0	62.8	94.2





#37

2-Methylnaphthalene

Concen: 43.403 ng

RT: 12.42 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

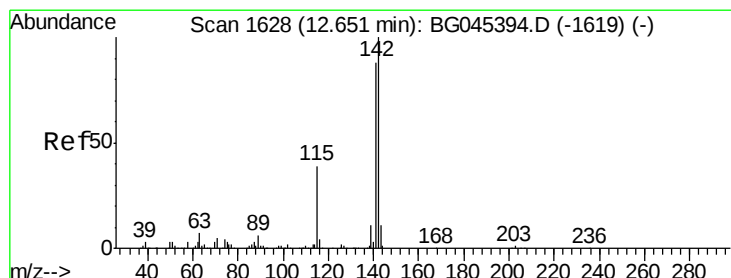
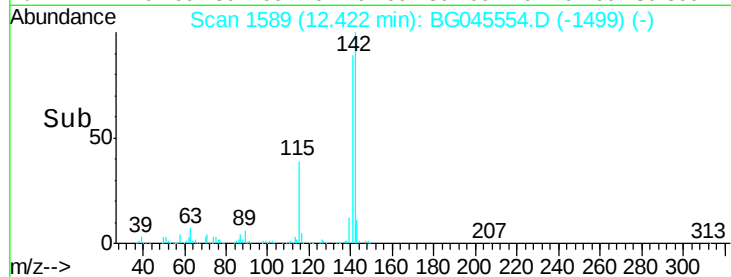
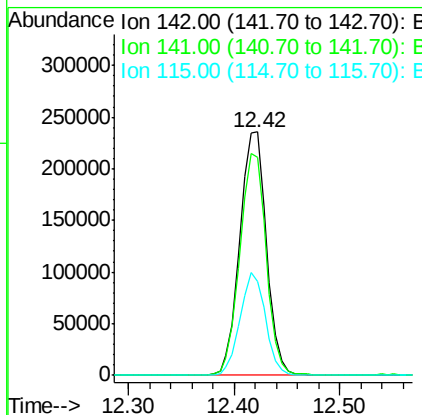
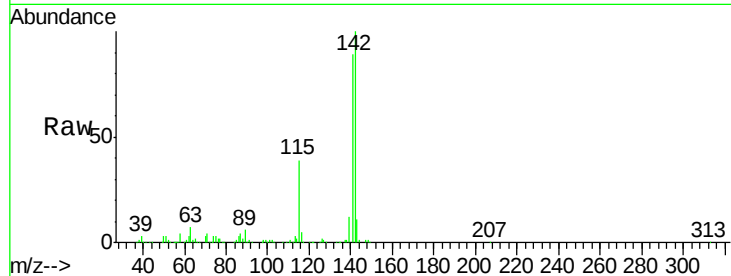
ClientSampleId :

SSTDCCC040

Tot Ion:	142	Resp:	412360
Ion Ratio	Lower	Upper	
142	100		
141	89.3	70.0	105.0
115	38.5	30.8	46.2

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#38

1-Methylnaphthalene

Concen: 43.682 ng

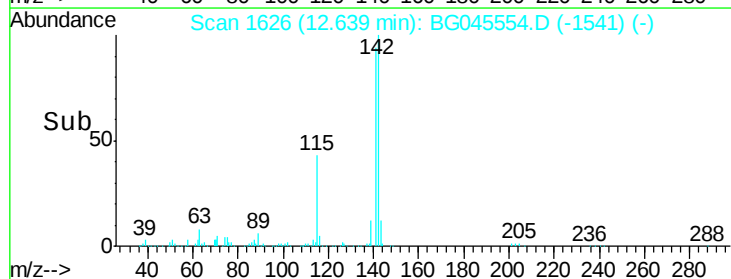
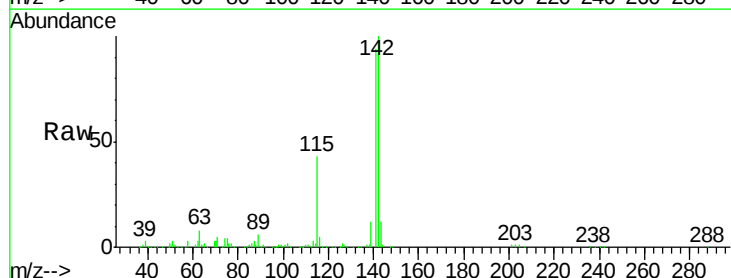
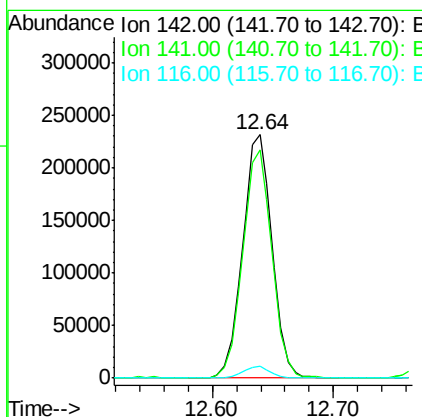
RT: 12.64 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tgt Ion:	142	Resp:	392024
Ion Ratio	Lower	Upper	
142	100		
141	94.0	70.8	106.2
116	4.7	3.0	4.6#





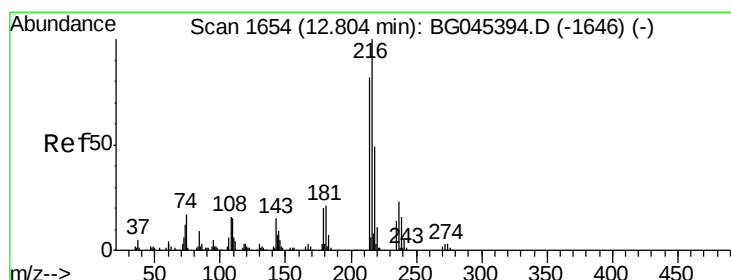
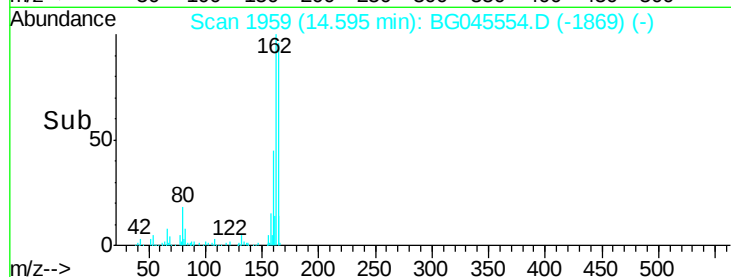
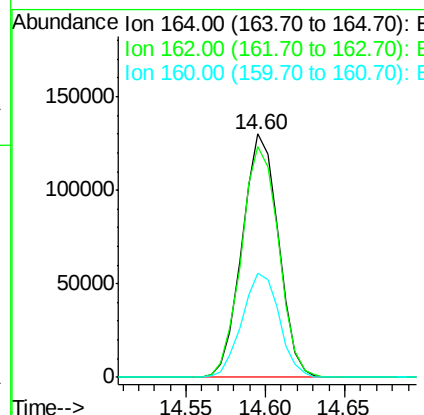
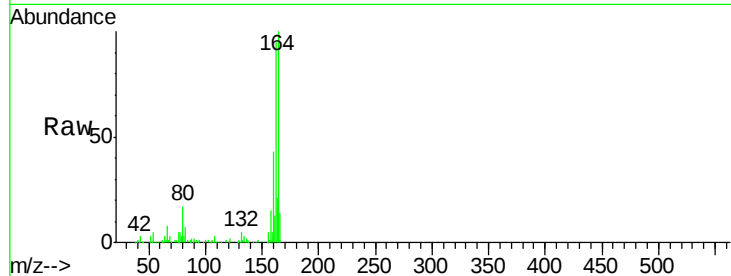
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	94.9	76.9	115.3
160	42.7	33.8	50.8

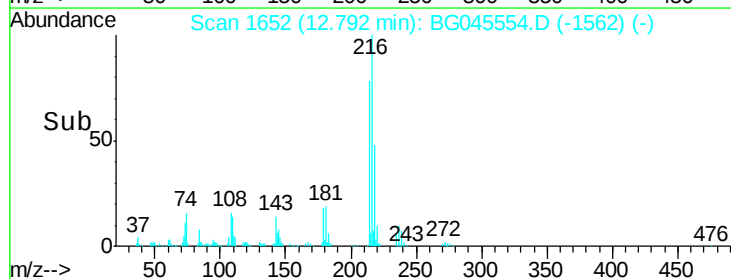
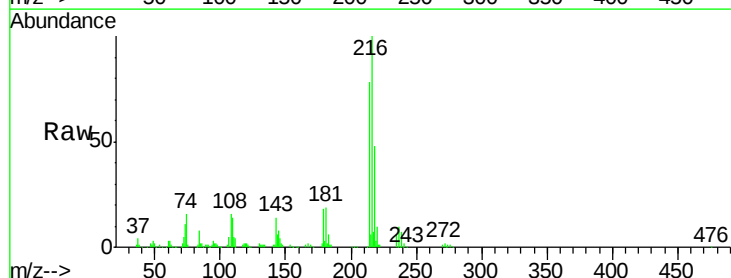
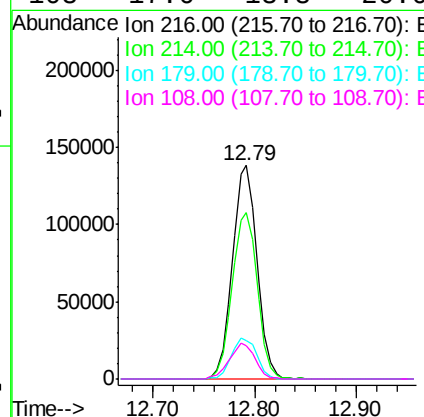
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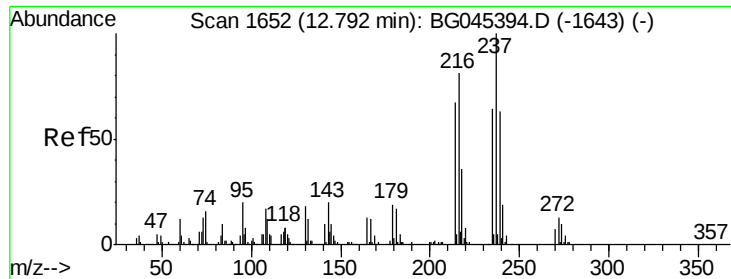
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.218 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	19.8	16.1	24.1
108	17.6	13.8	20.6





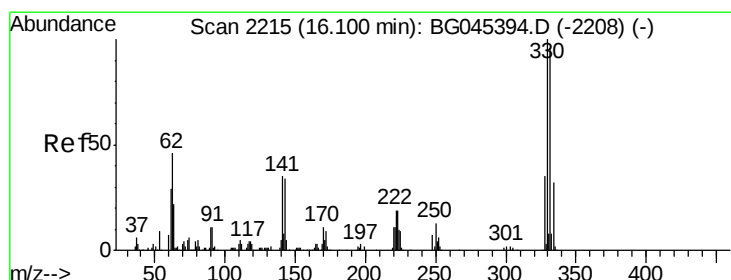
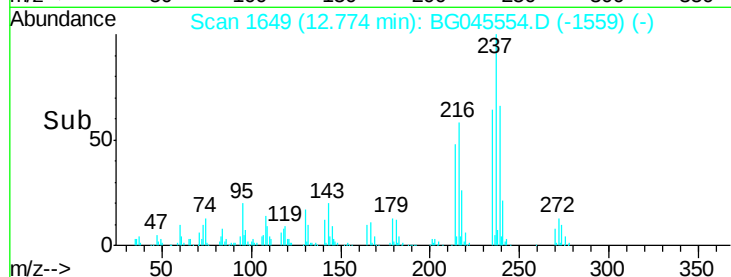
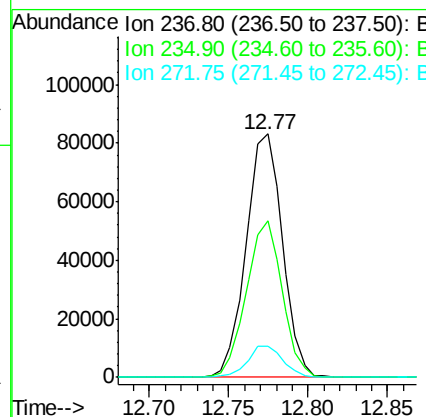
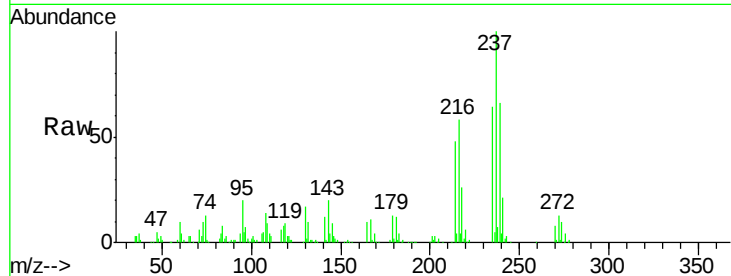
#41
Hexachlorocyclopentadiene
Concen: 39.794 ng
RT: 12.77 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.4	84.4
272	12.7	0.0	32.5

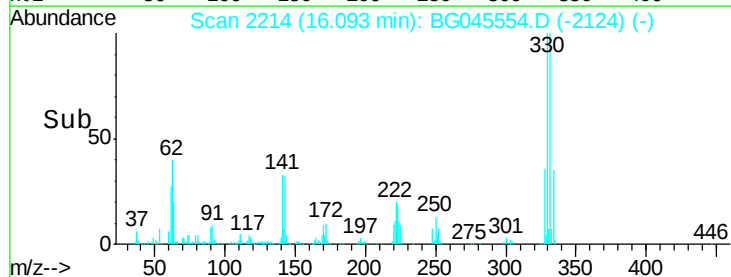
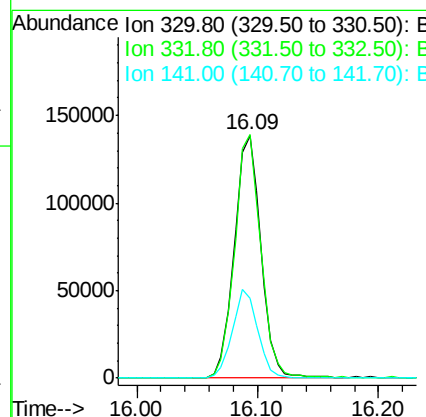
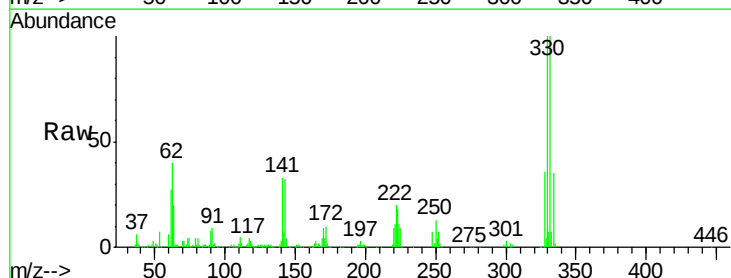
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#42
2,4,6-Tribromophenol
Concen: 80.402 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.4	78.2	117.4
141	35.0	28.2	42.4





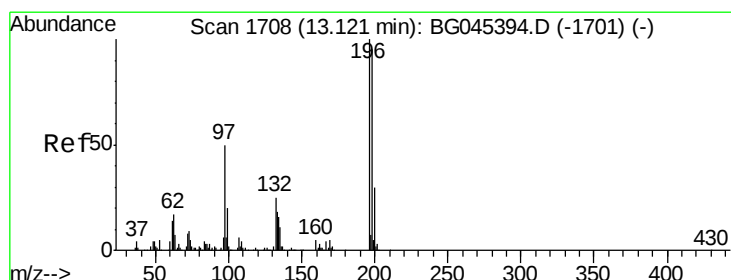
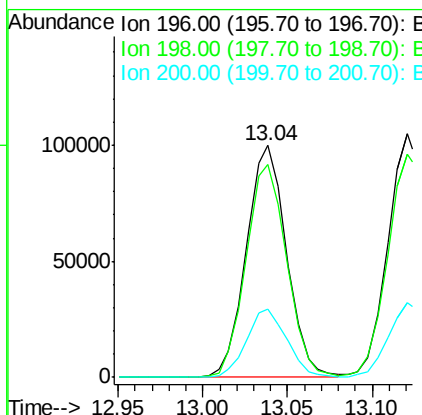
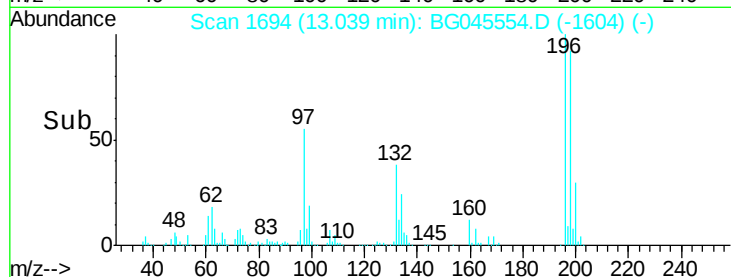
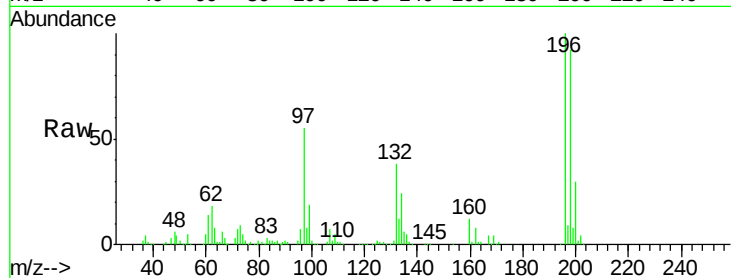
#43
 2,4,6-Trichlorophenol
 Concen: 41.157 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	165088
Ion Ratio	Lower	Upper	
196	100		
198	92.0	76.7	115.1
200	29.6	24.9	37.3

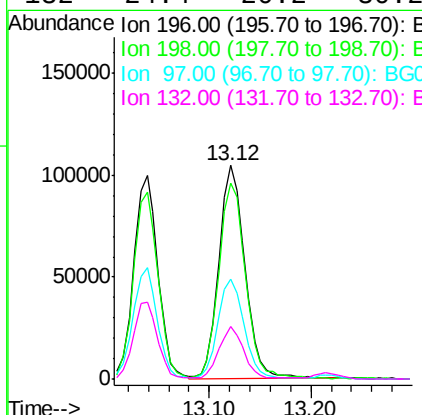
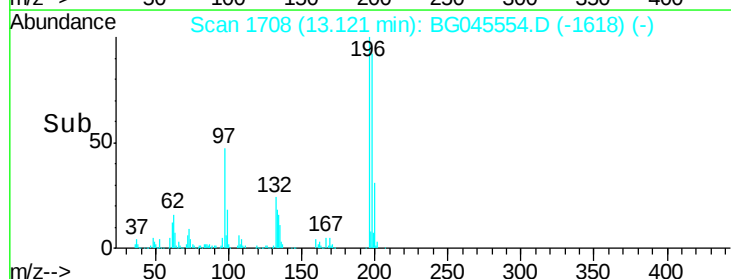
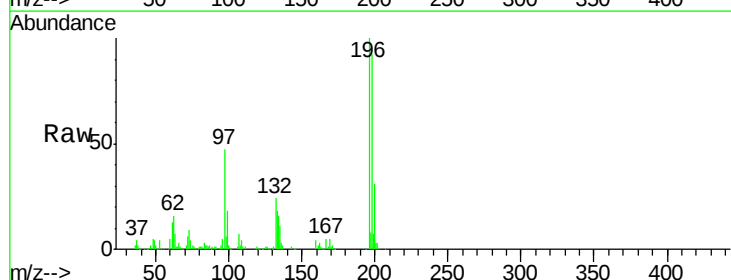
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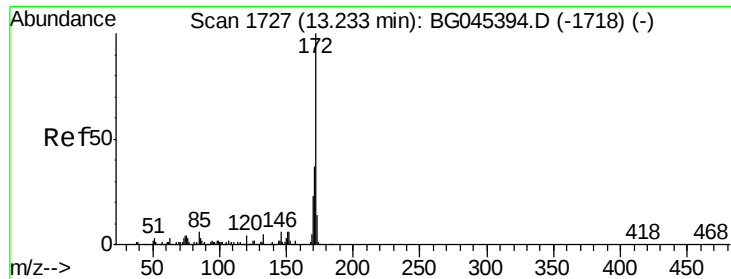
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#44
 2,4,5-Trichlorophenol
 Concen: 40.859 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Tgt Ion:	196	Resp:	187288
Ion Ratio	Lower	Upper	
196	100		
198	91.7	76.1	114.1
97	47.0	40.0	60.0
132	24.4	20.2	30.2





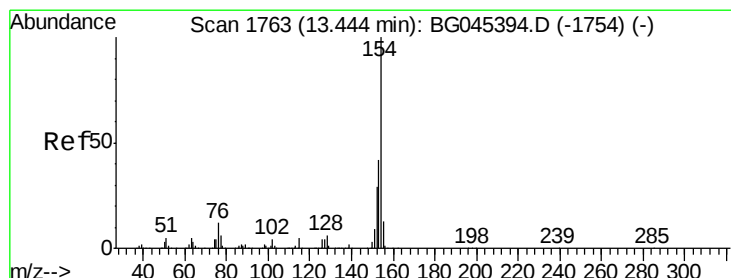
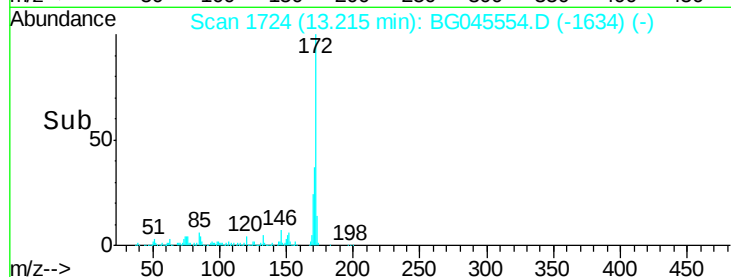
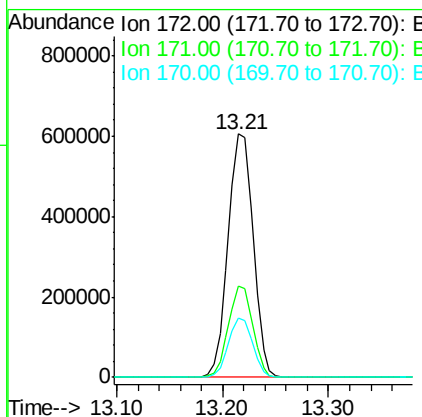
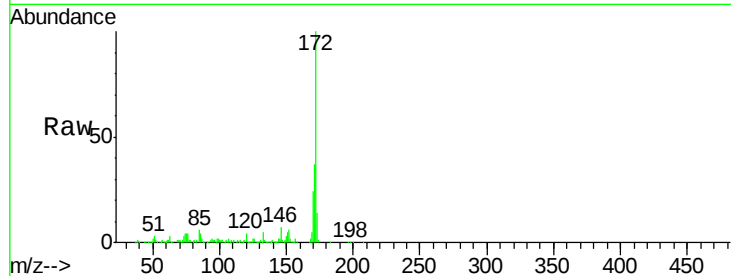
#45
2-Fluorobiphenyl
Concen: 81.605 ng
RT: 13.21 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.5	44.3
170	24.3	18.5	27.7

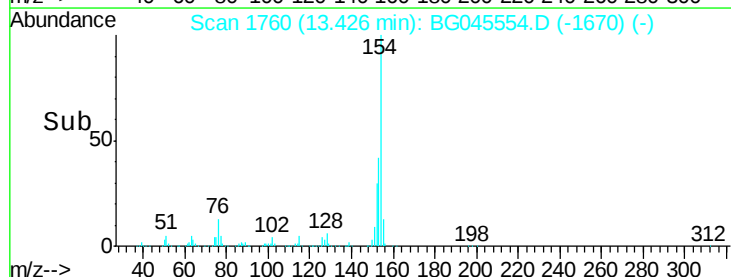
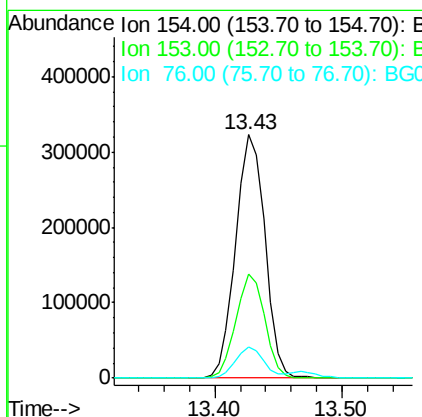
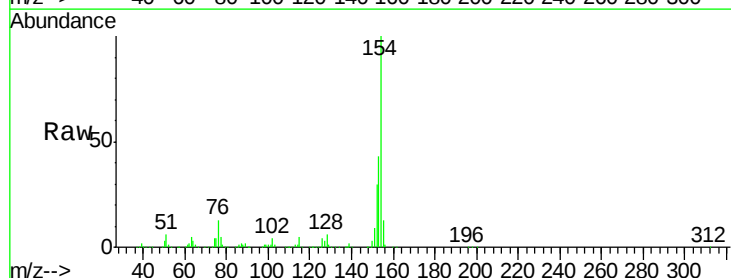
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#46
1,1'-Biphenyl
Concen: 40.859 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.2	62.2
76	12.6	0.0	32.4





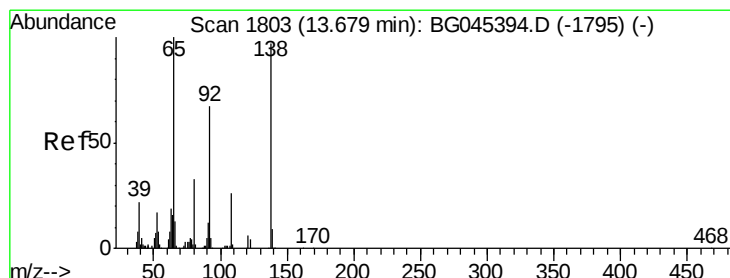
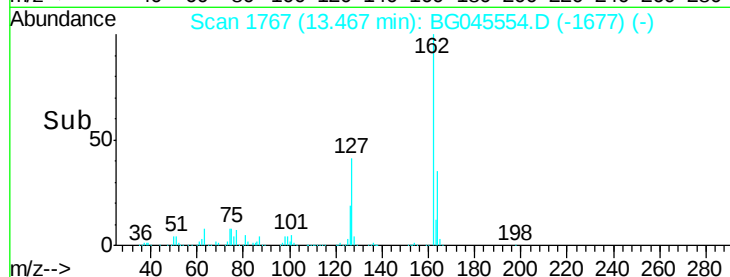
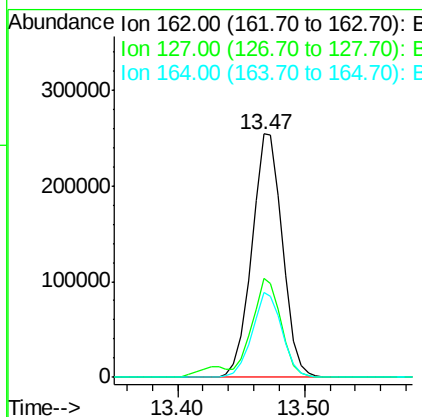
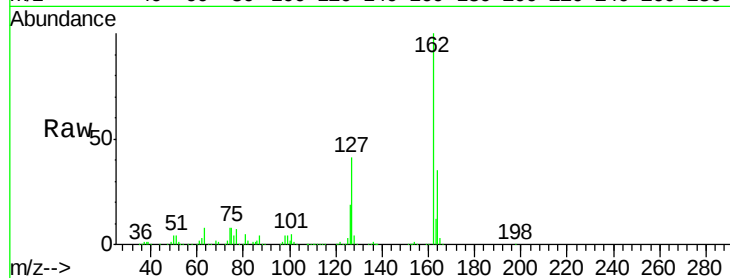
#47
2-Chloronaphthalene
Concen: 41.270 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.6	47.4
164	34.6	28.1	42.1

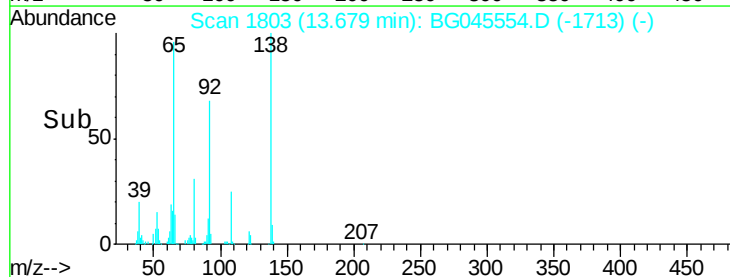
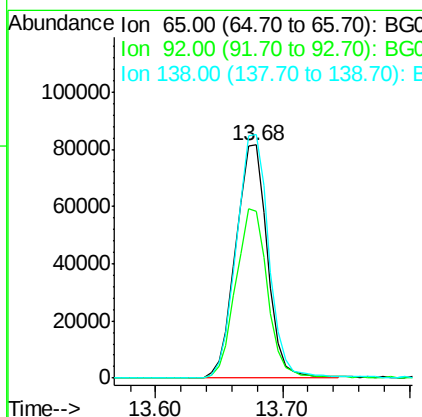
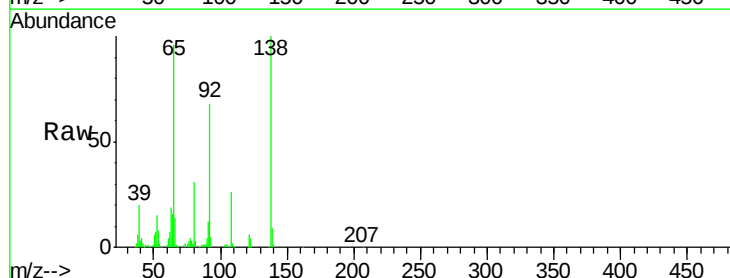
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#48
2-Nitroaniline
Concen: 41.617 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	53.8	80.8
138	104.4	77.9	116.9





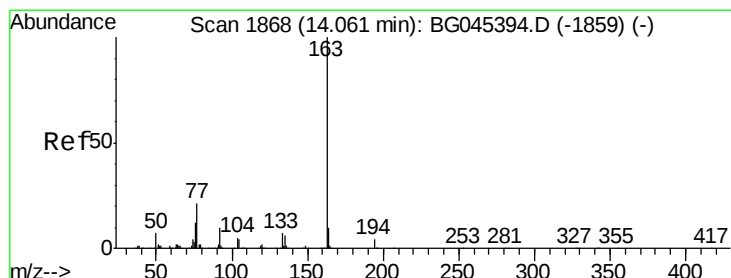
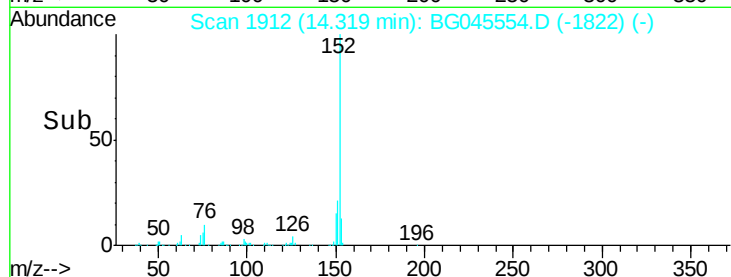
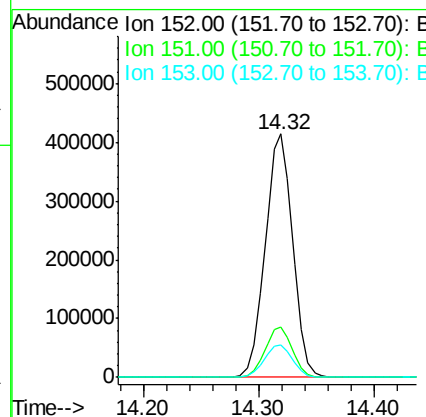
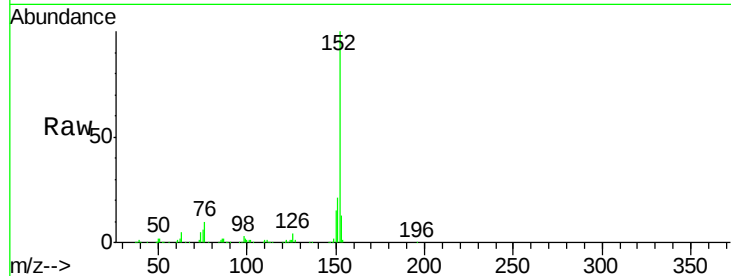
#49
Acenaphthylene
Concen: 41.338 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.4	26.2
153	13.5	10.7	16.1

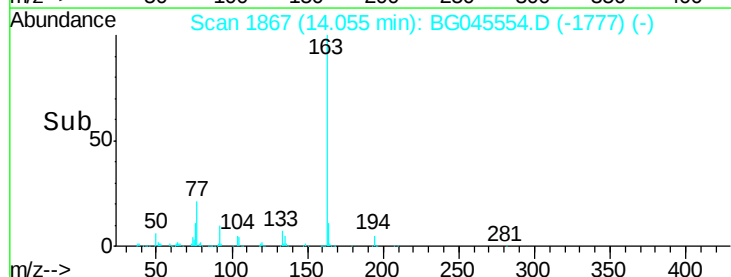
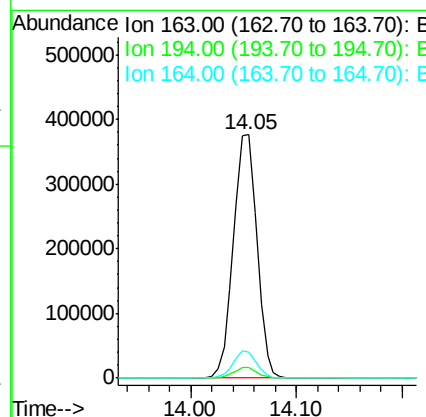
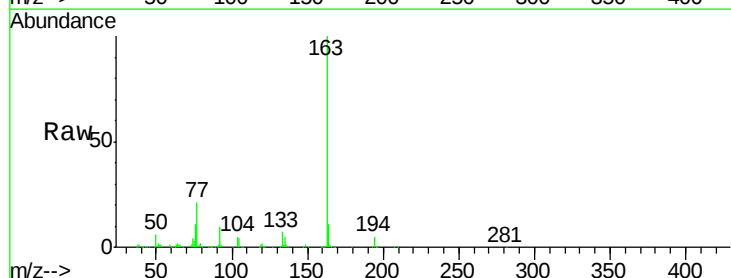
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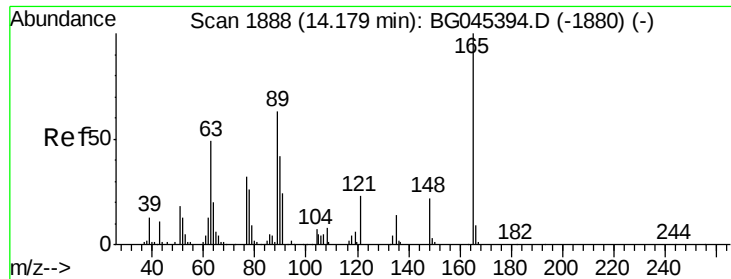
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#50
Dimethylphthalate
Concen: 40.783 ng
RT: 14.05 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.7	8.3	12.5





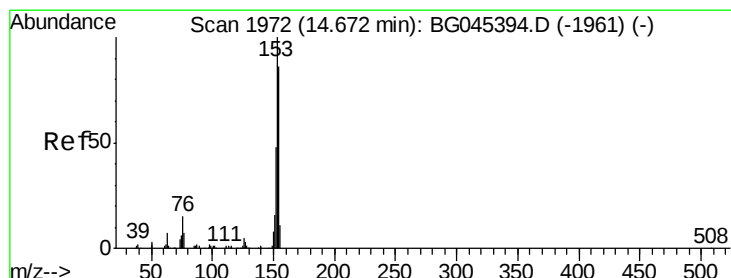
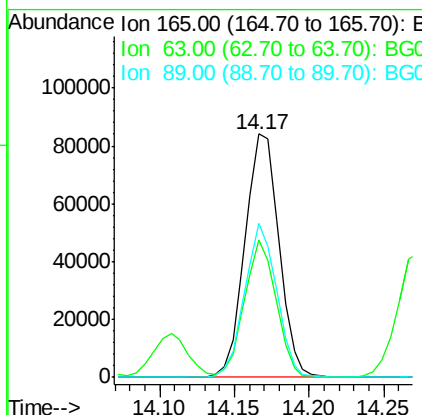
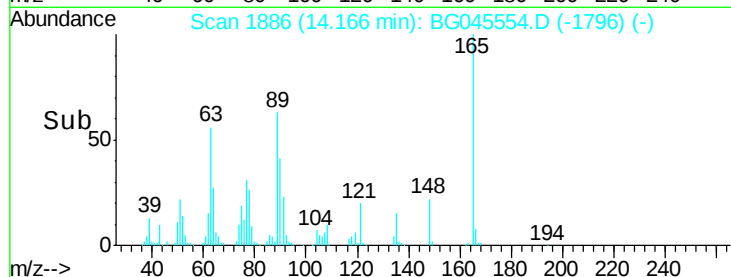
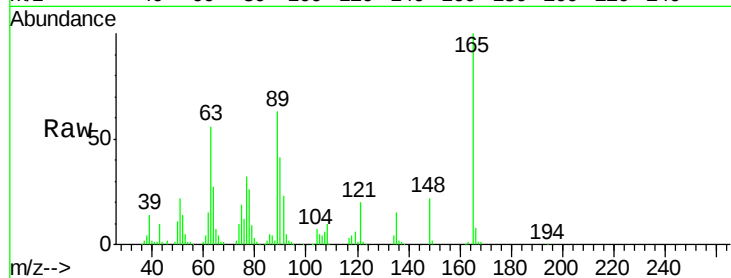
#51
2,6-Dinitrotoluene
Concen: 41.396 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.3	45.0	67.4
89	63.1	50.2	75.4

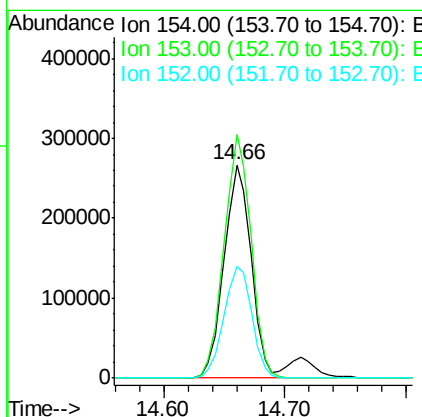
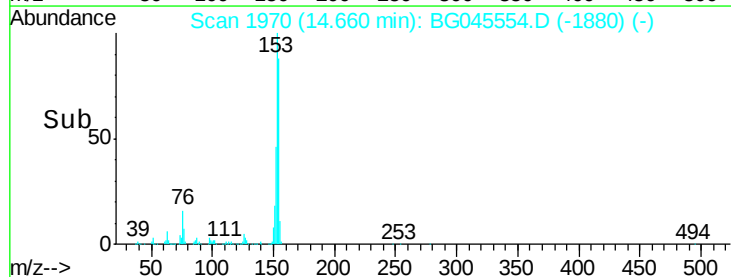
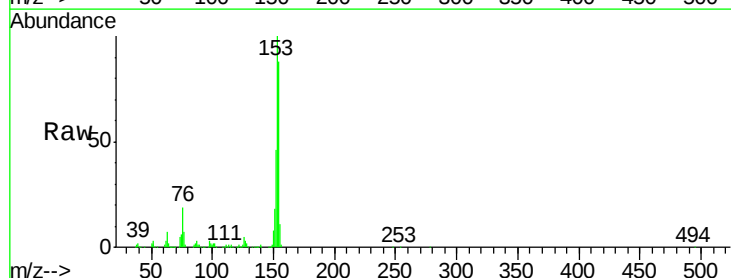
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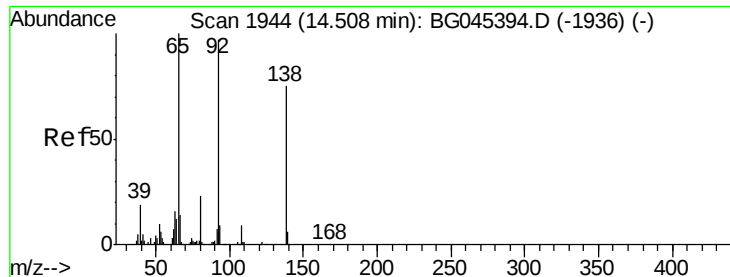
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#52
Acenaphthene
Concen: 40.788 ng m
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.8	139.2
152	52.7	44.6	66.8





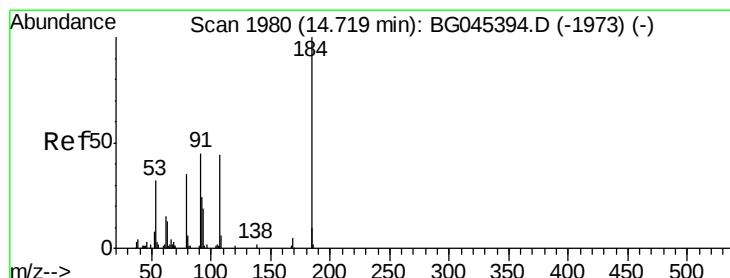
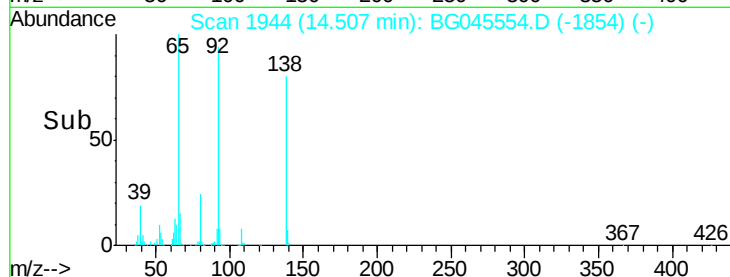
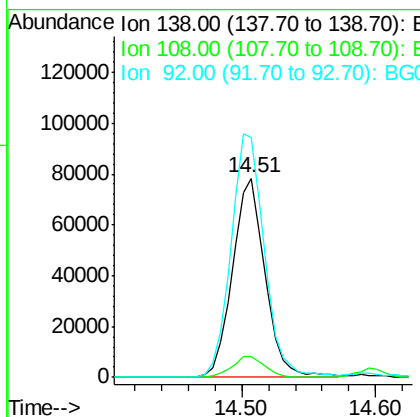
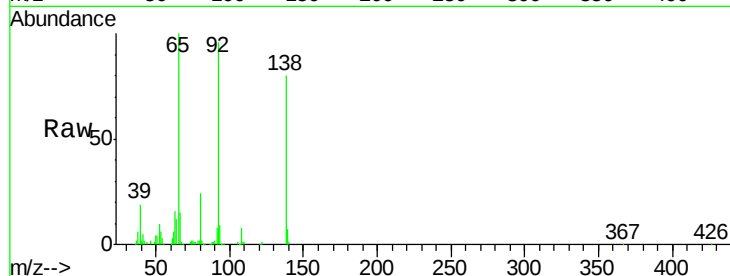
#53
3-Nitroaniline
Concen: 40.721 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.8	14.6
92	120.5	103.0	154.4

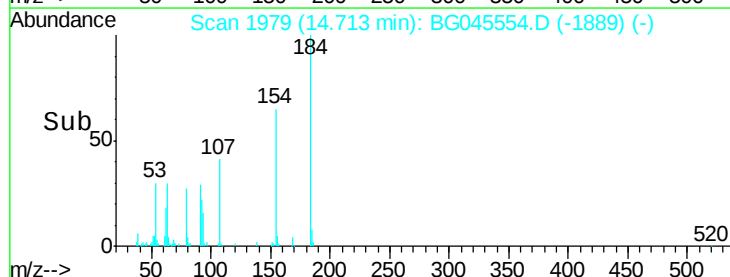
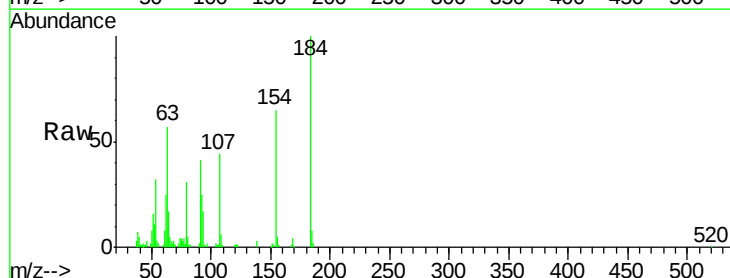
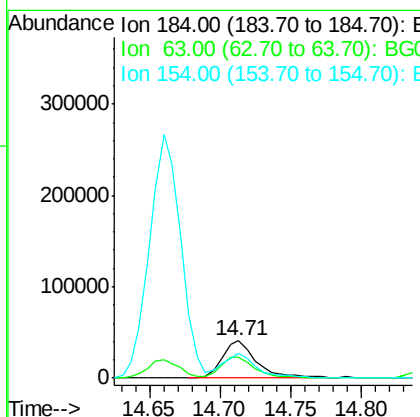
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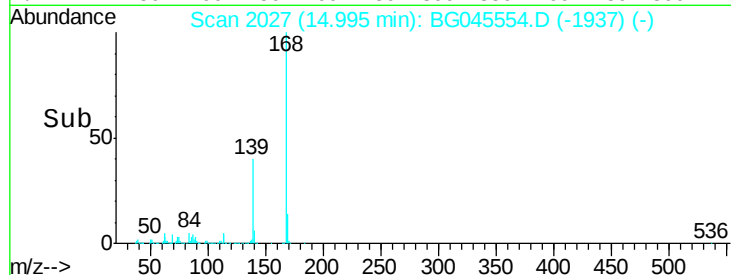
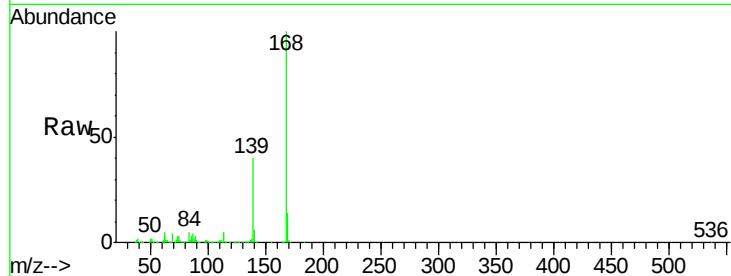
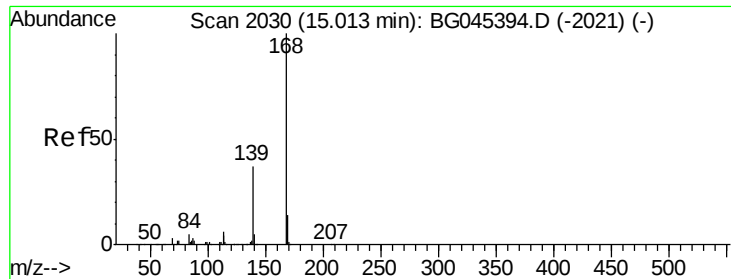
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#54
2,4-Dinitrophenol
Concen: 36.025 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	47.8	71.6
154	65.1	58.3	87.5





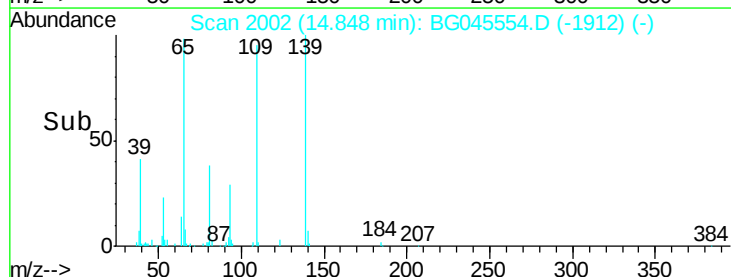
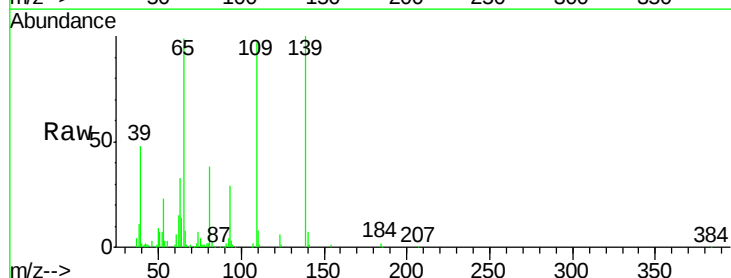
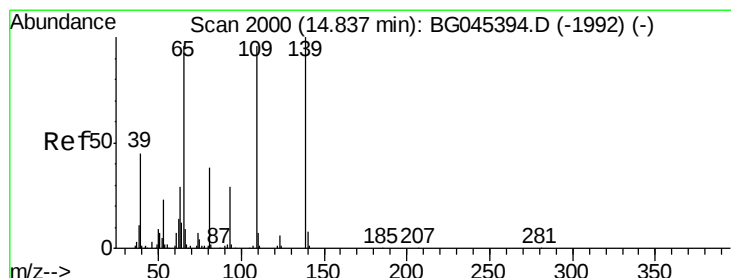
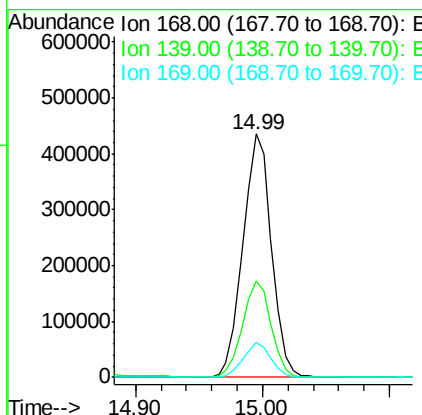
#55
Dibenzofuran
Concen: 41.262 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tot Ion	Ratio	Resp	Lower	Upper
168	100	679575		
139	39.7		29.9	44.9
169	14.2		10.9	16.3

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

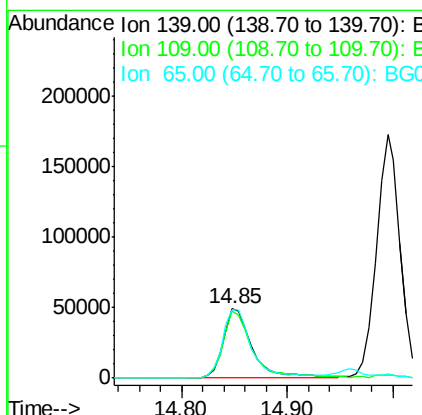
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#56
4-Nitrophenol
Concen: 38.151 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	93960		
109	97.2		75.6	115.6
65	98.7		76.8	116.8





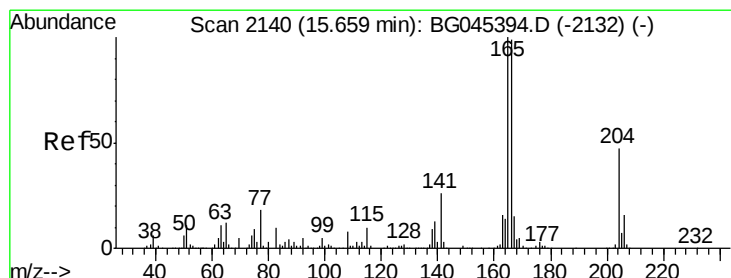
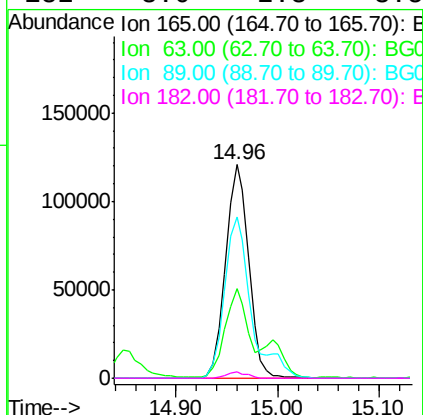
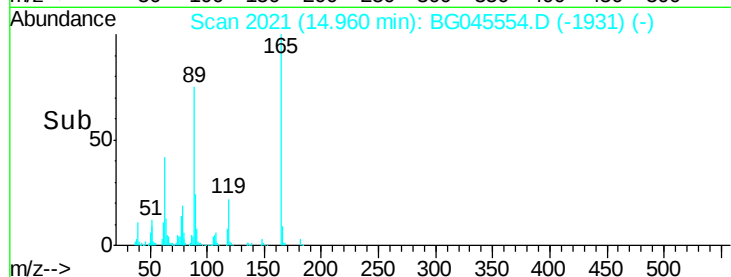
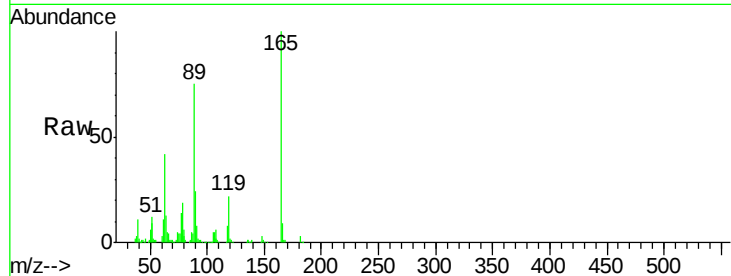
#57
2,4-Dinitrotoluene
Concen: 41.174 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		190825		
63	42.2	32.5	48.7		
89	75.4	61.8	92.6		
182	3.0	2.3	3.5		

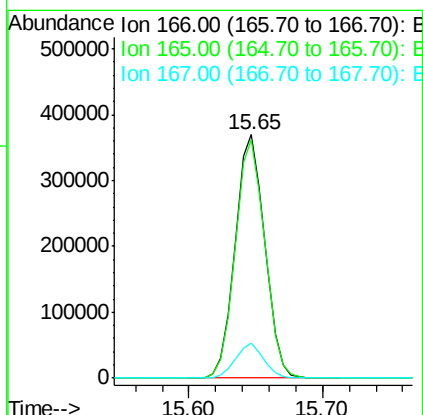
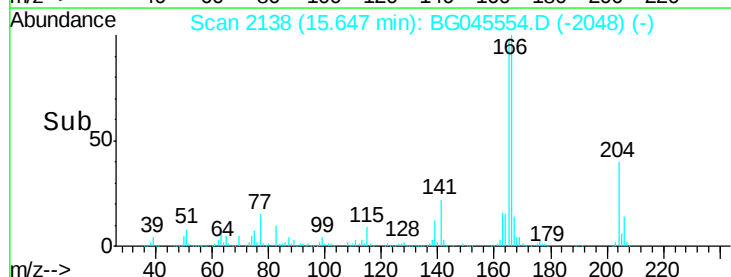
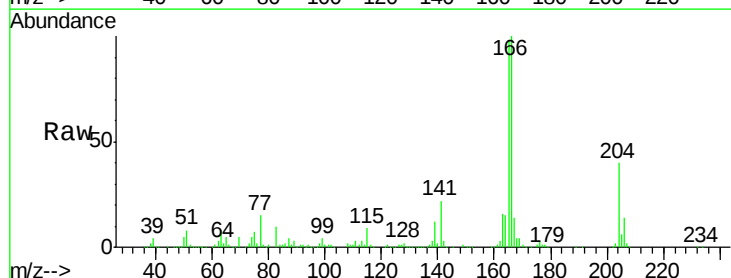
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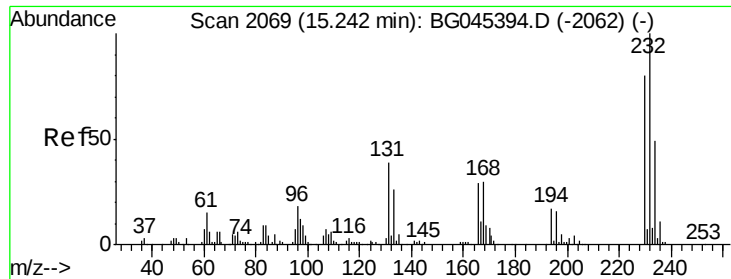
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#58
Fluorene
Concen: 41.827 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		565953		
165	98.0	80.8	121.2		
167	14.3	12.0	18.0		





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.900 ng

RT: 15.24 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

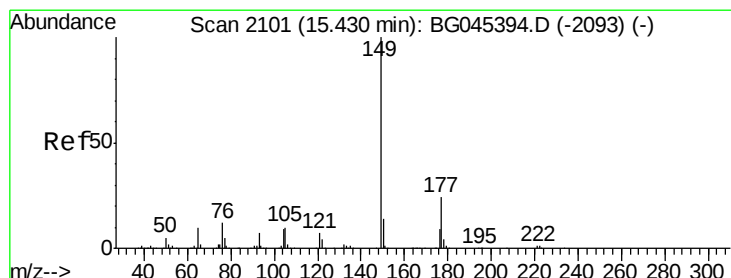
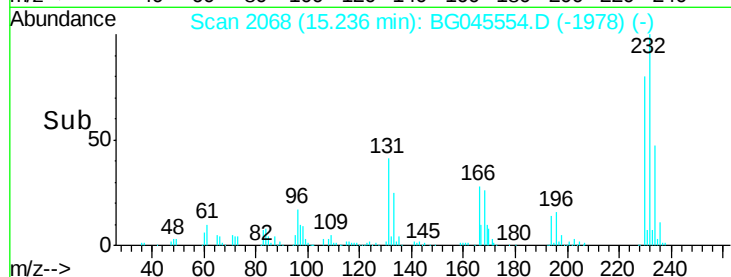
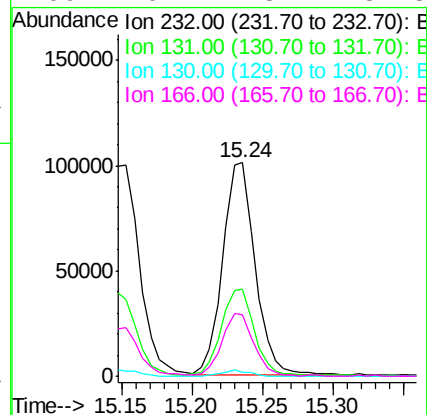
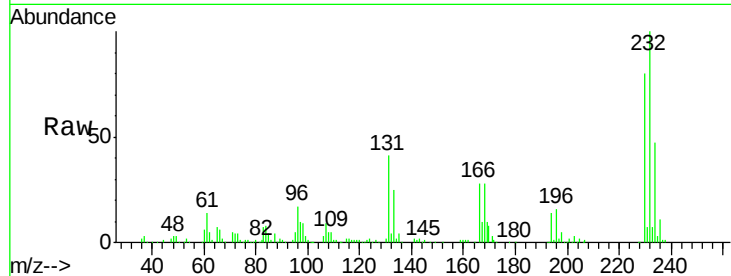
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.7	50.5
130	2.7	2.1	3.1
166	29.1	23.2	34.8

Manual Integrations
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#60

Diethylphthalate

Concen: 40.721 ng

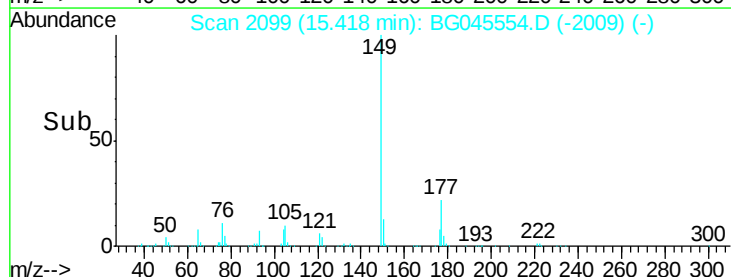
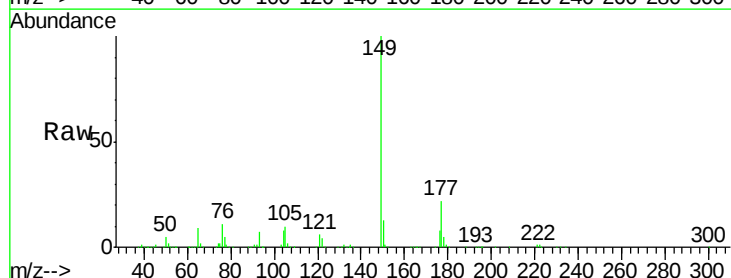
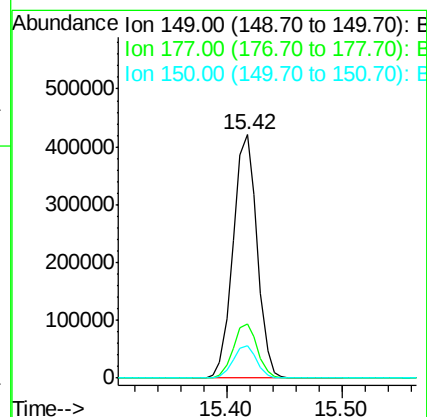
RT: 15.42 min Scan# 2099

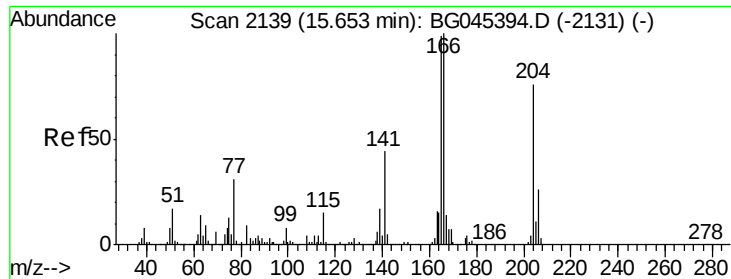
Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	19.0	28.4
150	13.4	11.4	17.0





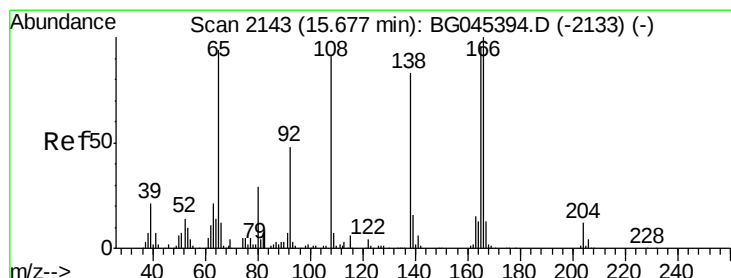
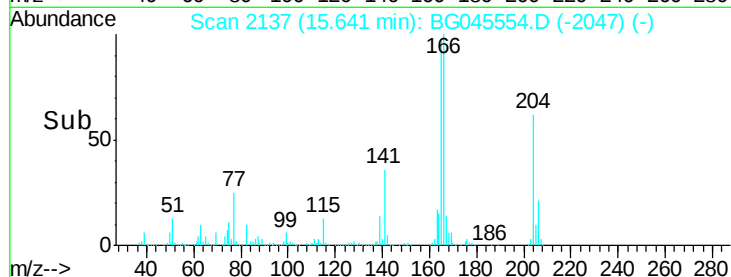
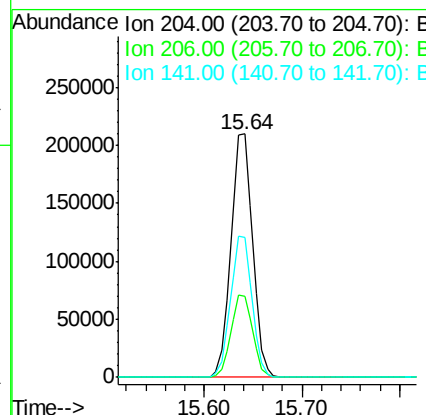
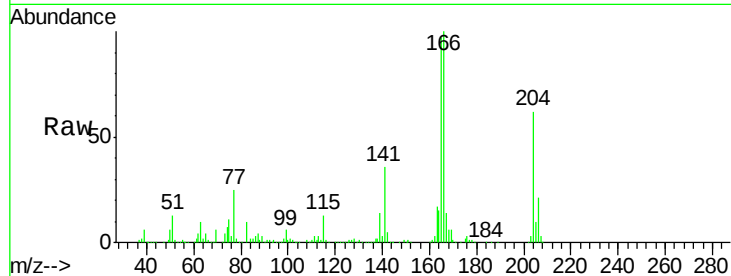
#61
4-Chlorophenyl-phenylether
Concen: 41.756 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.3	27.3	40.9	
141	57.5	45.9	68.9	

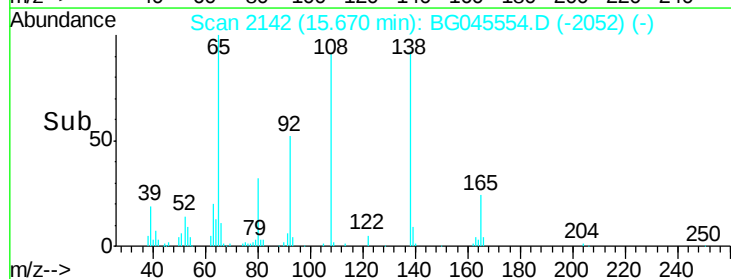
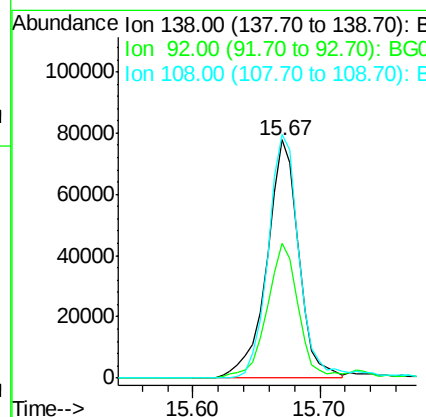
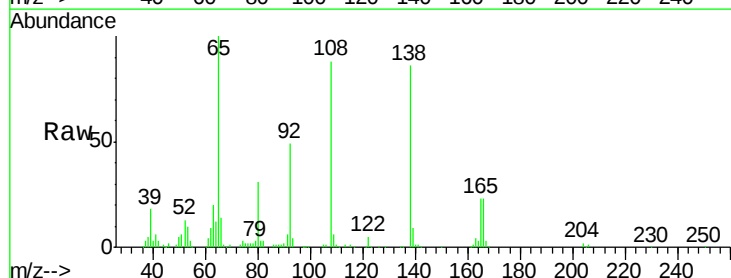
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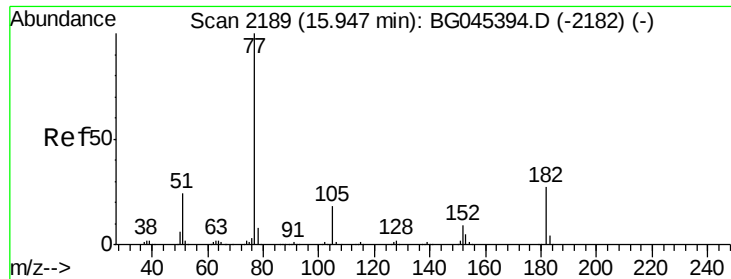
mohammad
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#62
4-Nitroaniline
Concen: 39.804 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	56.4	38.0	78.0	
108	102.3	89.3	129.3	





#63

Azobenzene

Concen: 41.943 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 577286

Ion Ratio Lower Upper

77 100

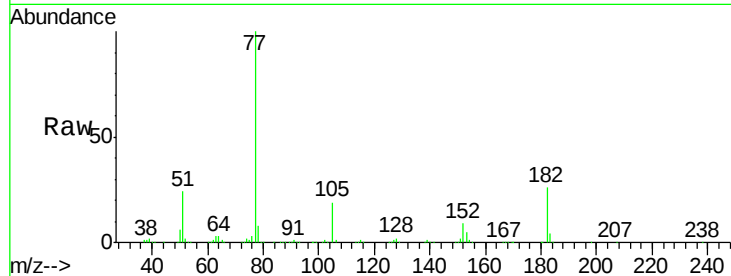
182 26.0 6.5 46.5

105 18.7 0.0 37.9

51 23.9 4.1 44.1

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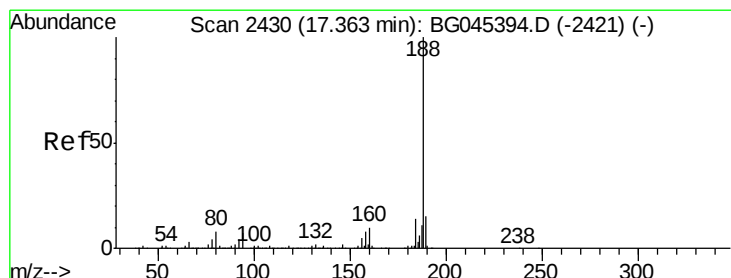
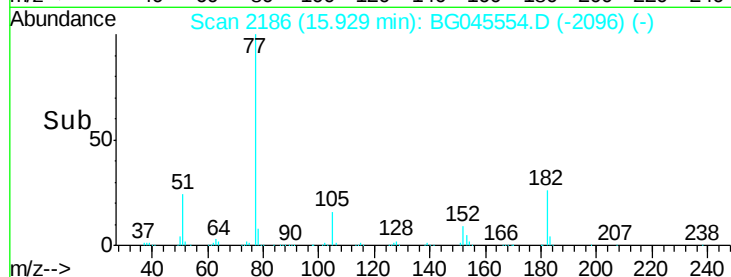
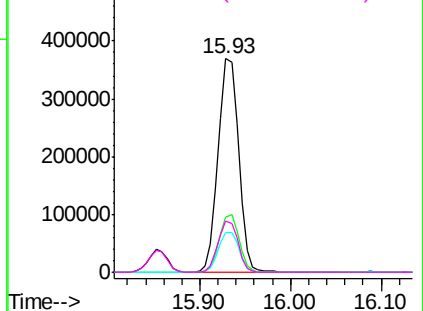


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

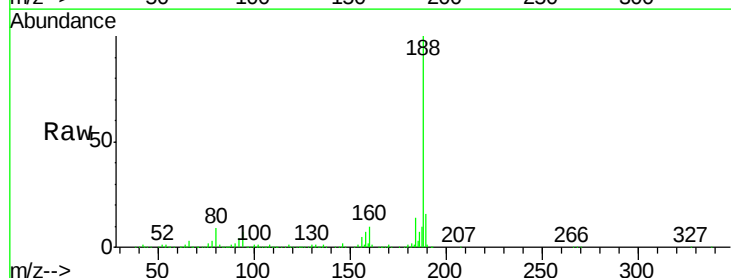
Tgt Ion: 188 Resp: 486241

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

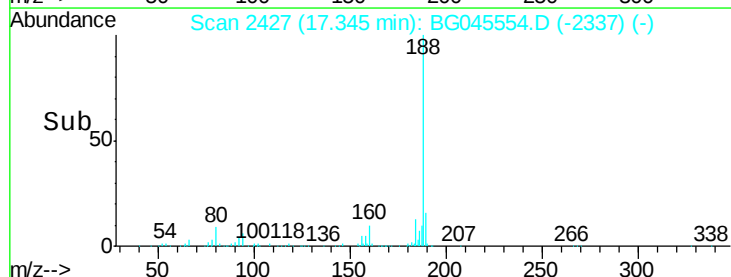
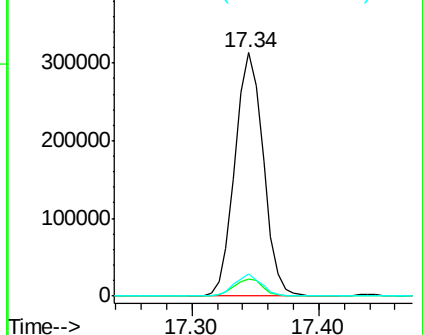
80 8.9 6.6 10.0

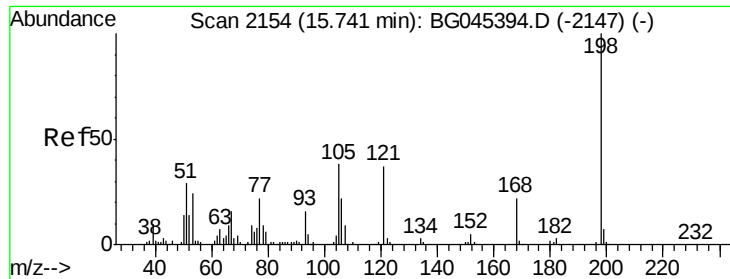


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.092 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 116367

Ion Ratio Lower Upper

198 100

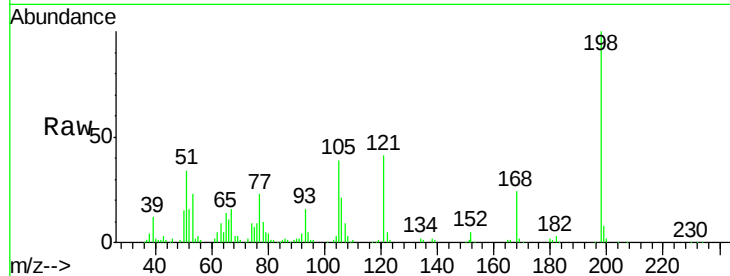
51 34.4 10.0 50.0

105 38.9 18.9 58.9

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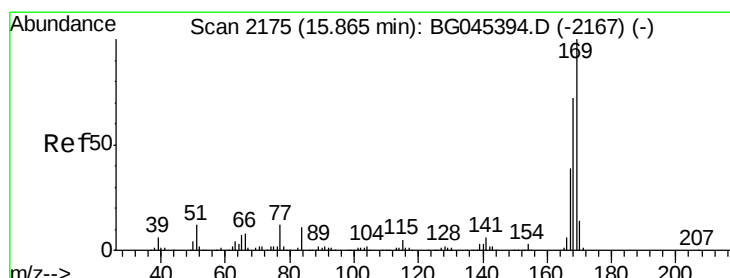
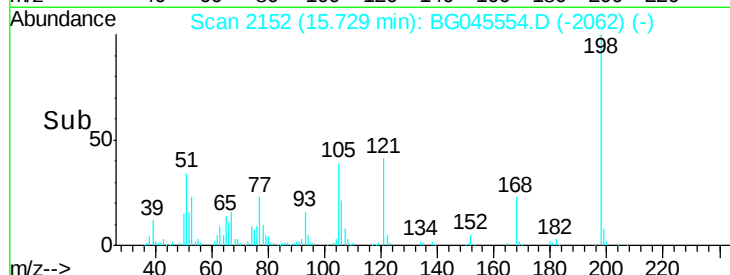
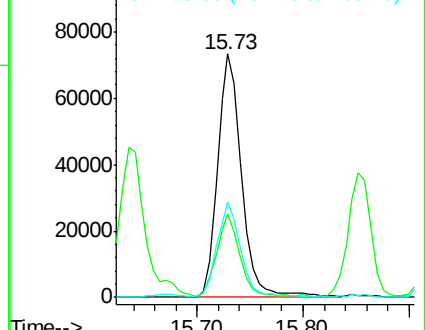
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.021 ng

RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

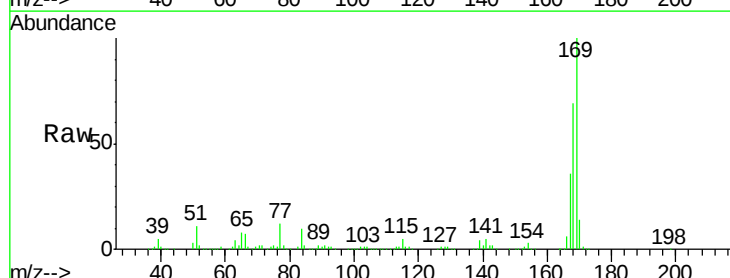
Tgt Ion:169 Resp: 490575

Ion Ratio Lower Upper

169 100

168 68.6 57.8 86.6

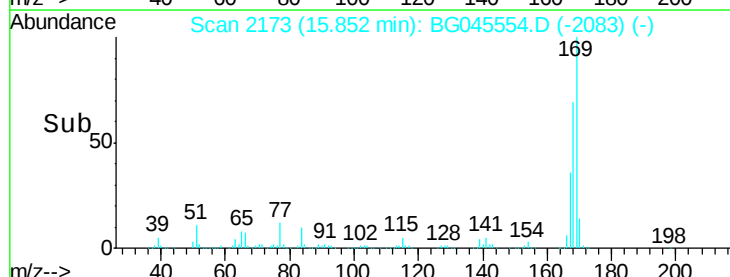
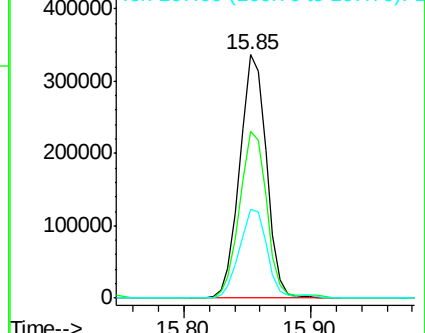
167 36.2 31.5 47.3

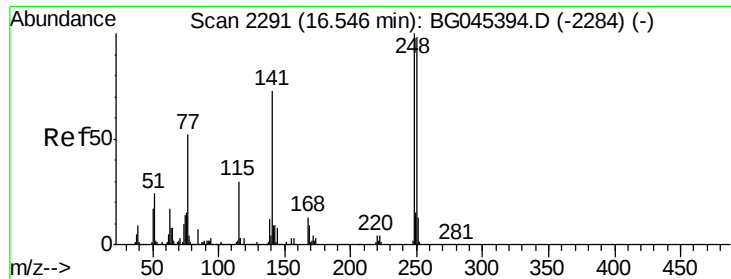


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





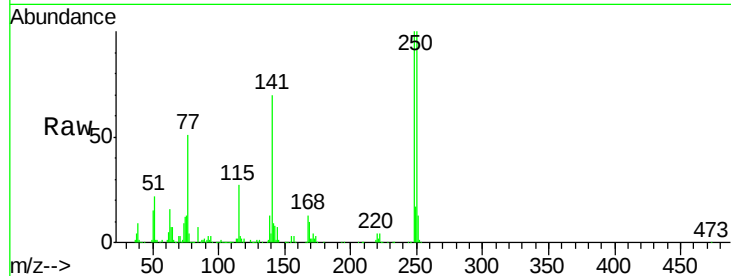
#67
 4-Bromophenyl-phenylether
 Concen: 42.435 ng
 RT: 16.53 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	78.6	117.8
141	70.1	58.2	87.2

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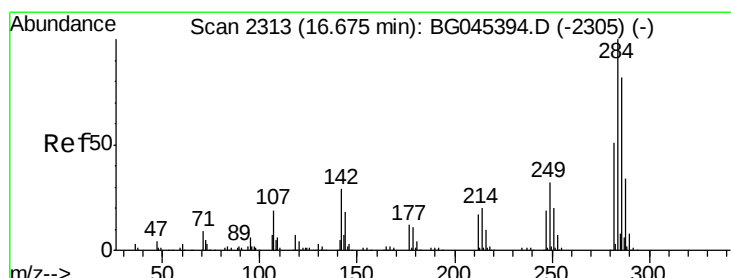
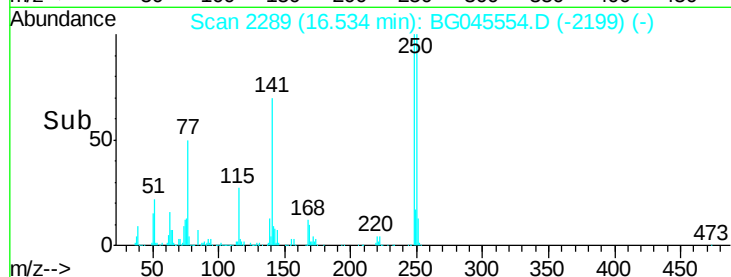
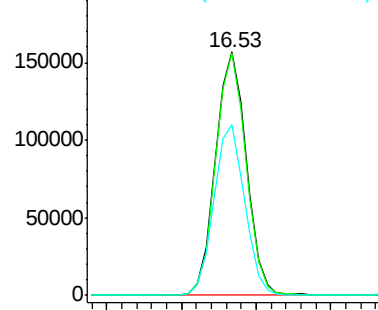


Abundance

Ion 248.00 (247.70 to 248.70): E

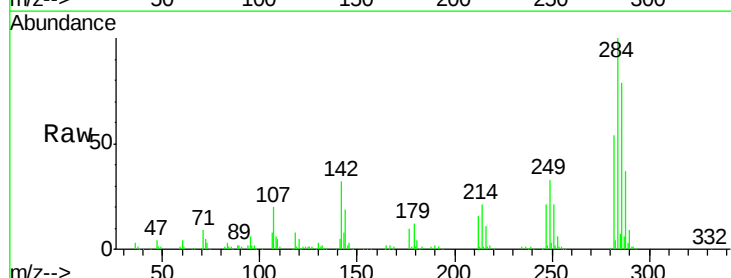
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.523 ng
 RT: 16.66 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	23.0	34.6
249	33.0	25.8	38.6

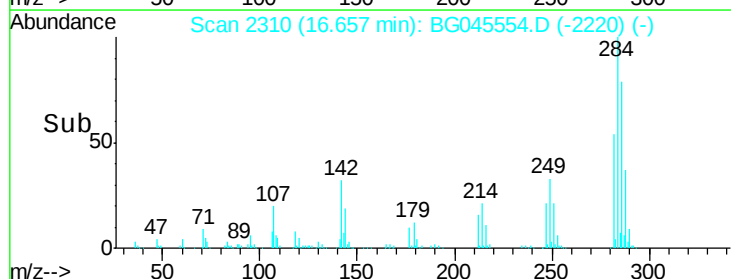
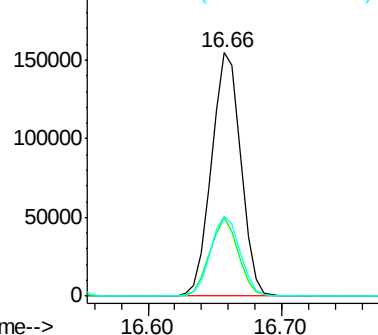


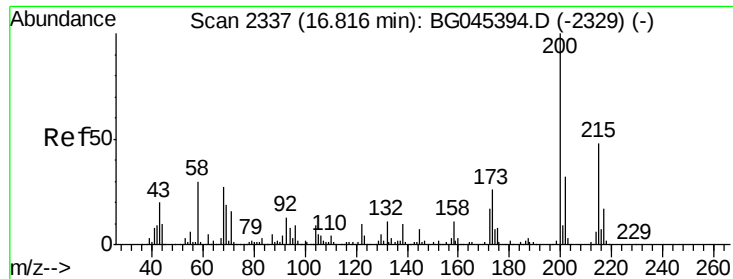
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





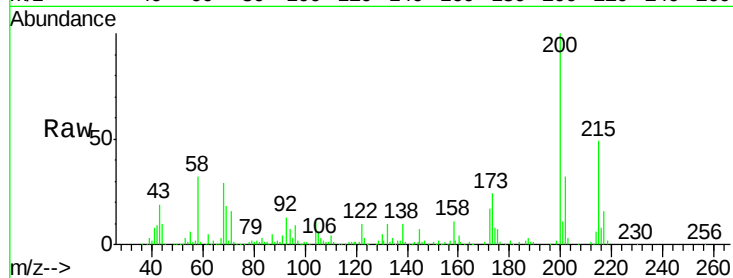
#69
Atrazine
Concen: 39.537 ng
RT: 16.80 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

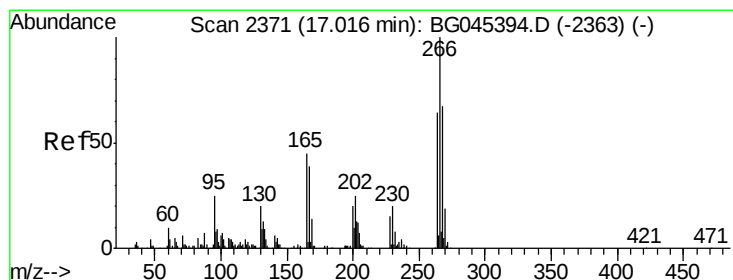
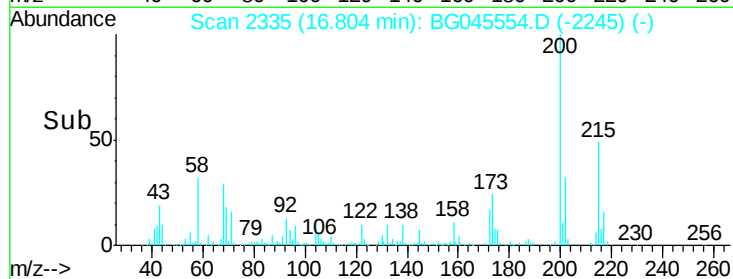
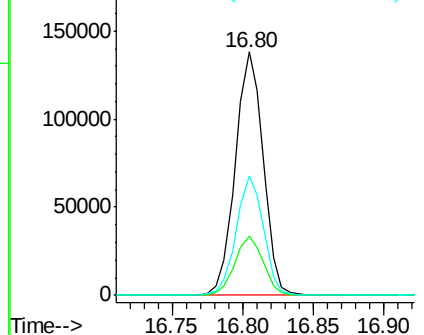
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.2	5.5	45.5
215	49.2	28.2	68.2

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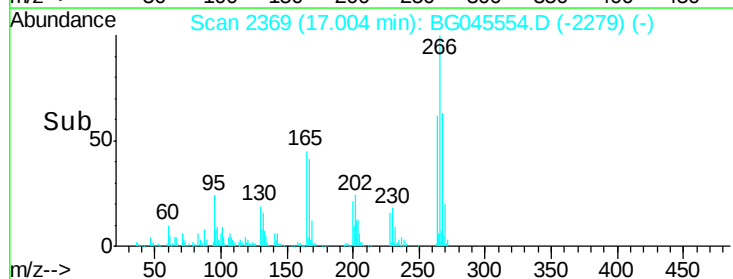
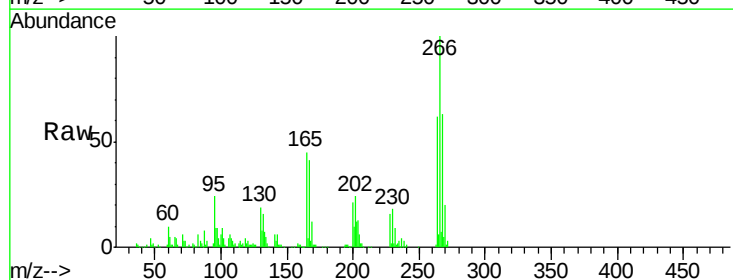
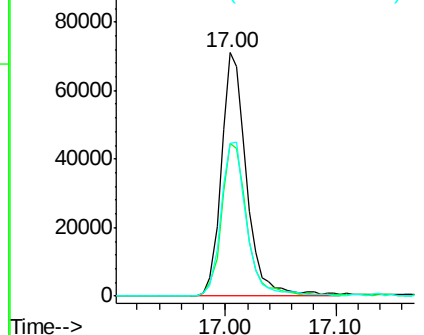
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

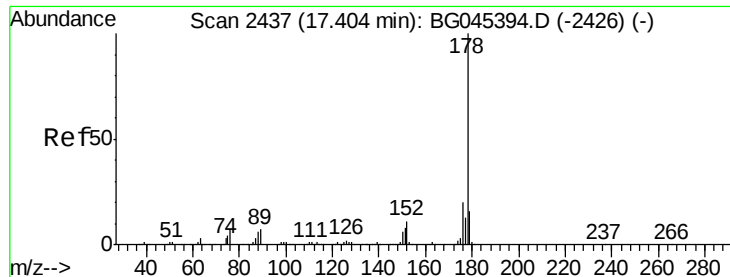


#70
Pentachlorophenol
Concen: 39.537 ng
RT: 17.00 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.8	53.2	79.8
264	62.5	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: 42.375 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

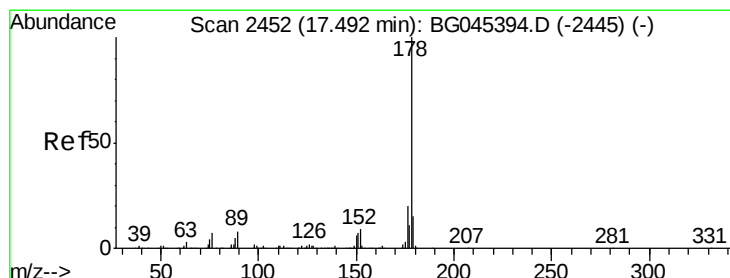
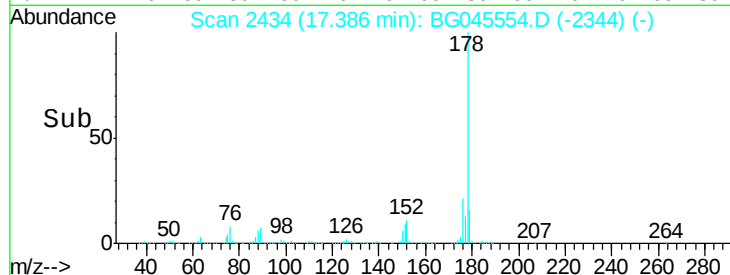
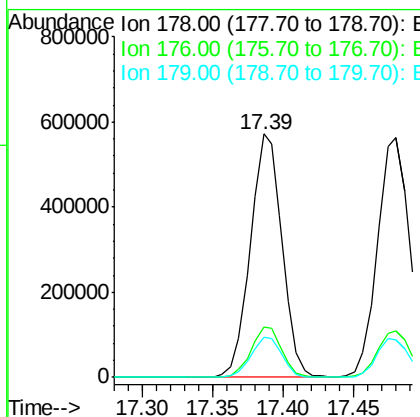
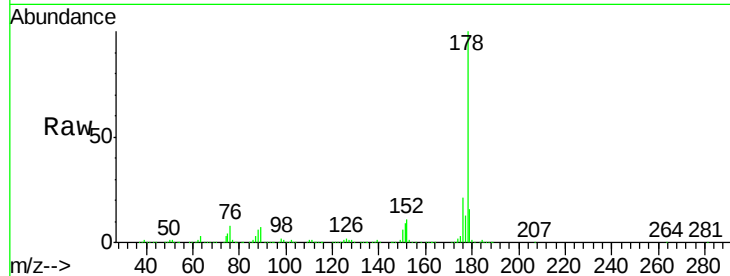
ClientSampleId :

SSTDCCC040

Tot Ion:178	Resp:	899496
Ion Ratio	Lower	Upper
178	100	
176	20.9	16.2 24.4
179	16.5	13.1 19.7

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#72

Anthracene

Concen: 42.060 ng

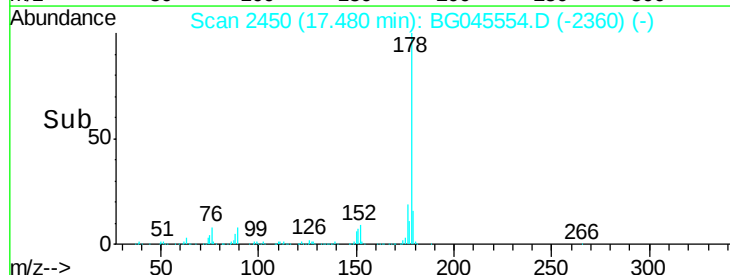
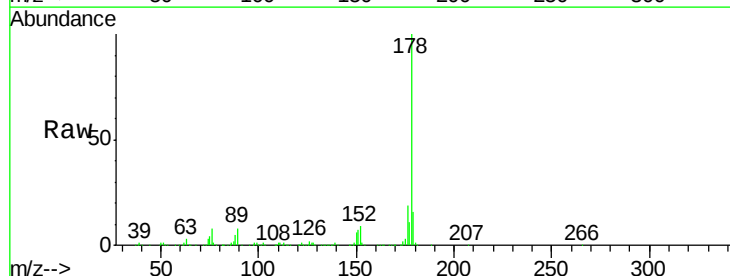
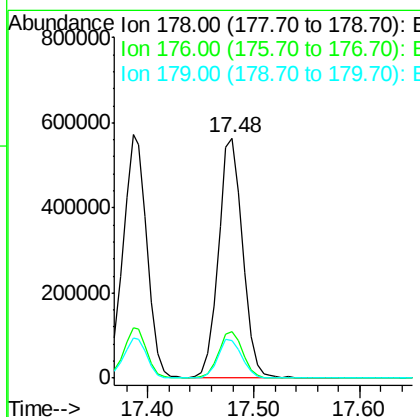
RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tgt Ion:178	Resp:	896583
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.8 23.6
179	15.6	12.2 18.4





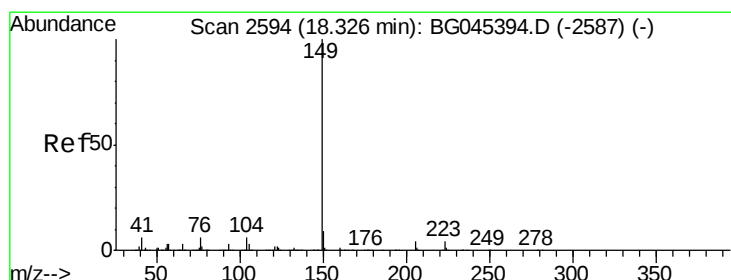
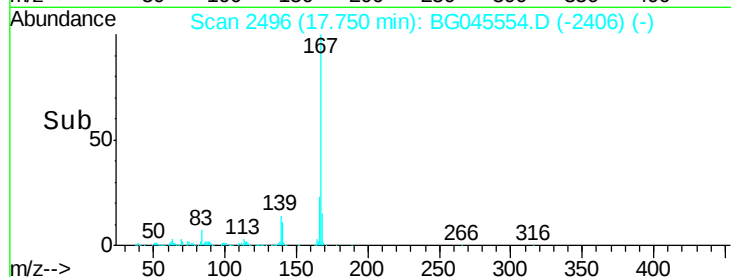
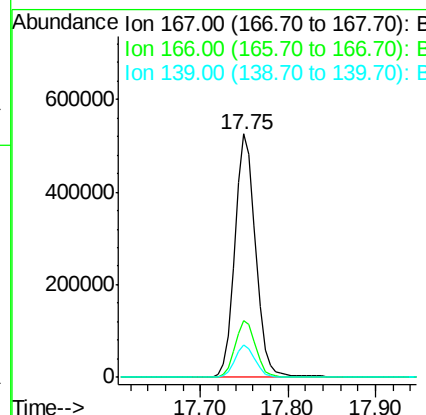
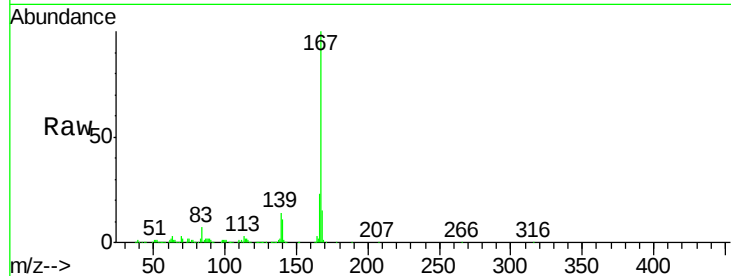
#73
 Carbazole
 Concen: 40.977 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.2	28.8
139	13.6	10.6	16.0

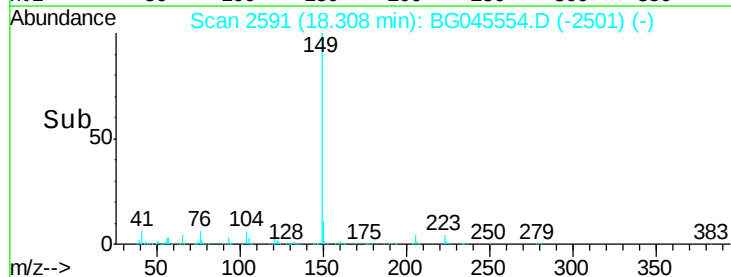
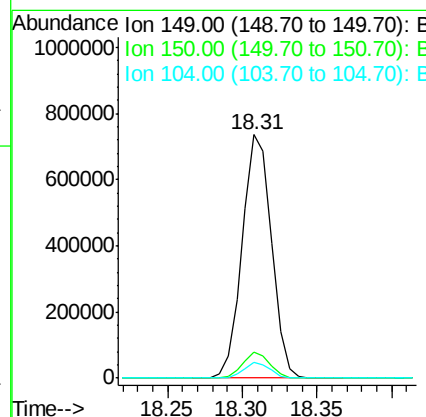
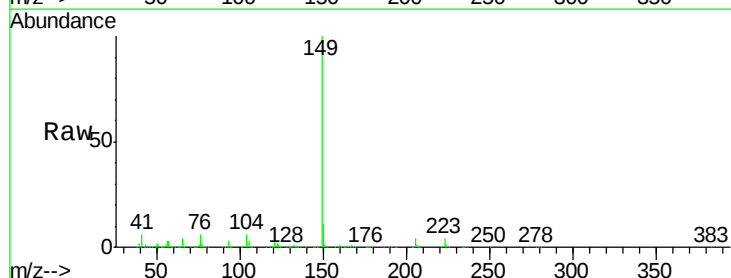
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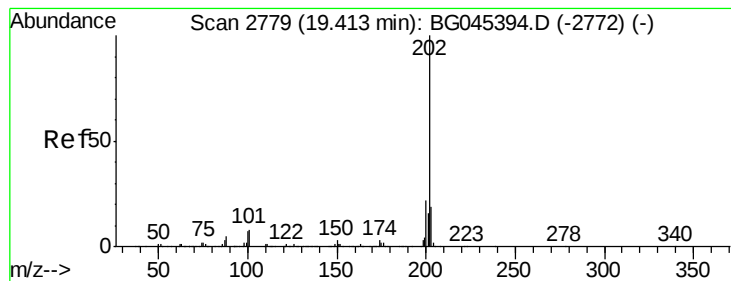
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#74
 Di-n-butylphthalate
 Concen: 40.269 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.6	11.4
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 40.181 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

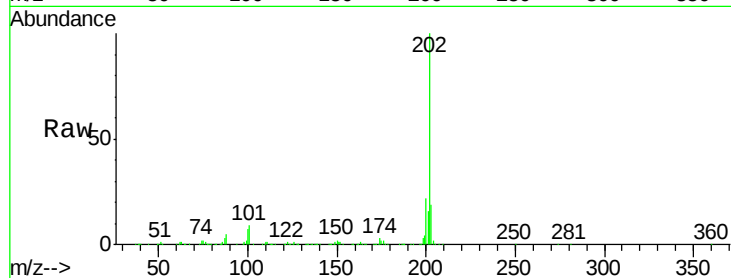
ClientSampleId :

SSTDCCC040

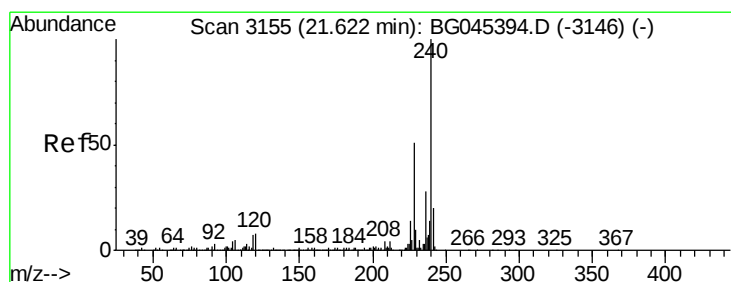
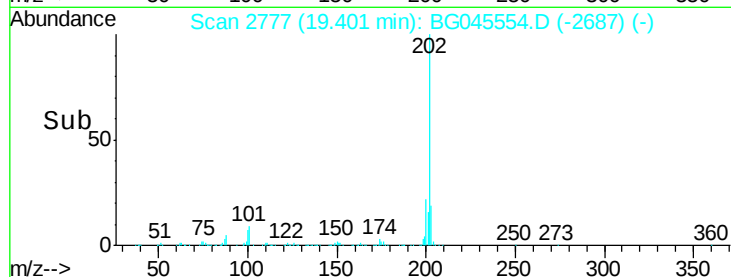
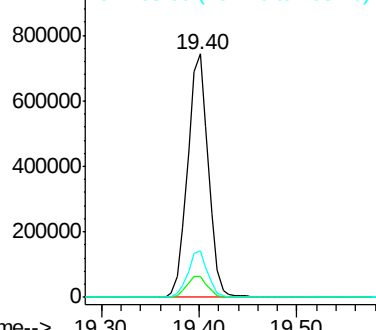
Tot Ion:	202	Resp:	1084865
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	28.3
203	18.8	0.0	39.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

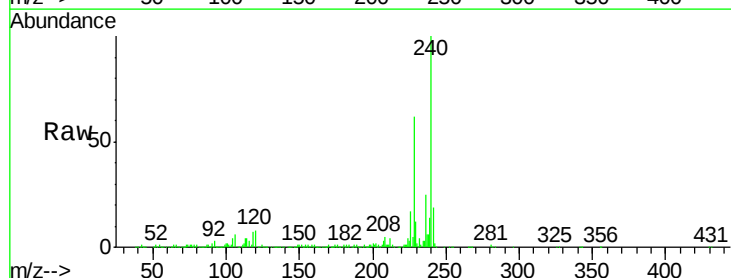
RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

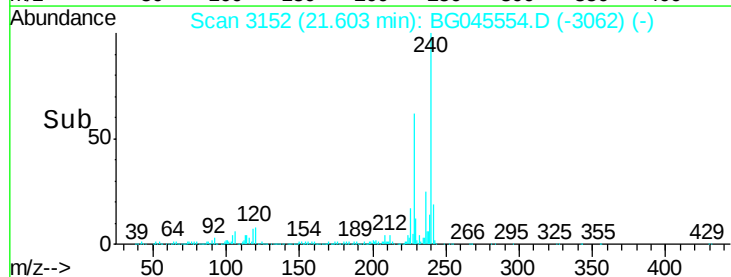
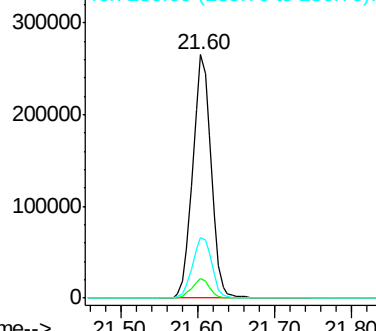
Lab File: BG045554.D

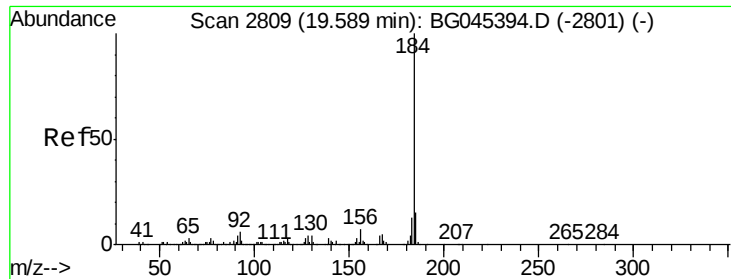
Acq: 1 Jun 2020 13:57

Tgt Ion:	240	Resp:	440336
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.1	9.1
236	25.1	22.3	33.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.856 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

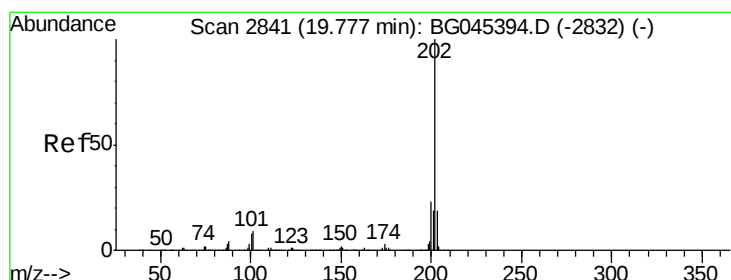
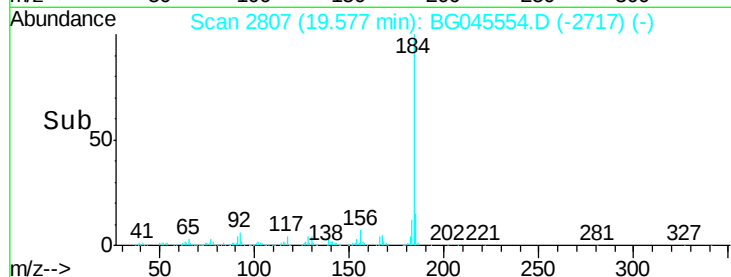
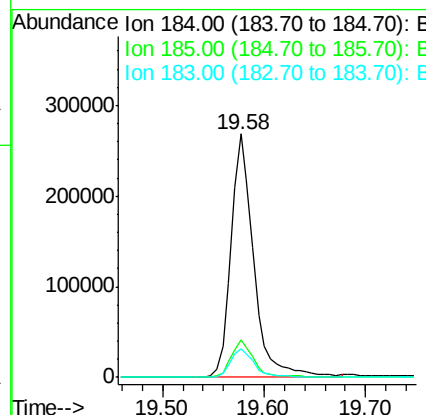
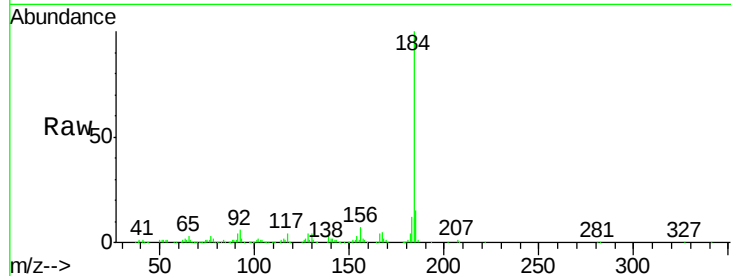
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.7	17.5
183	11.8	10.2	15.4

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#78

Pyrene

Concen: 43.177 ng

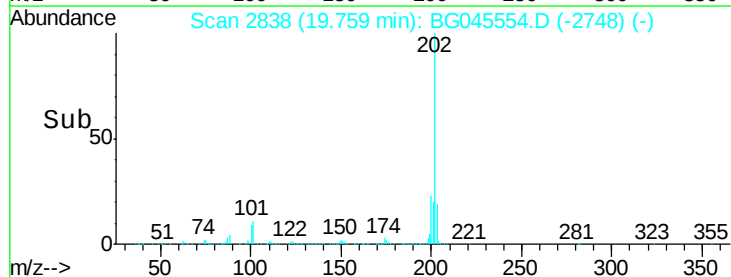
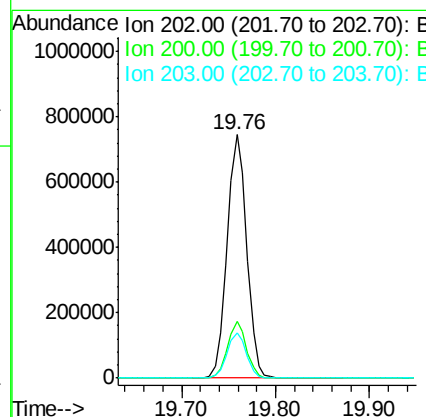
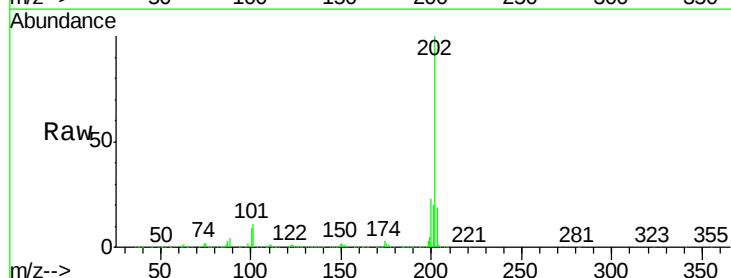
RT: 19.76 min Scan# 2838

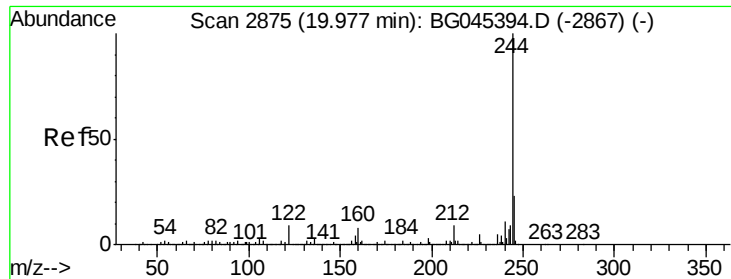
Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.2	27.2
203	18.8	15.1	22.7





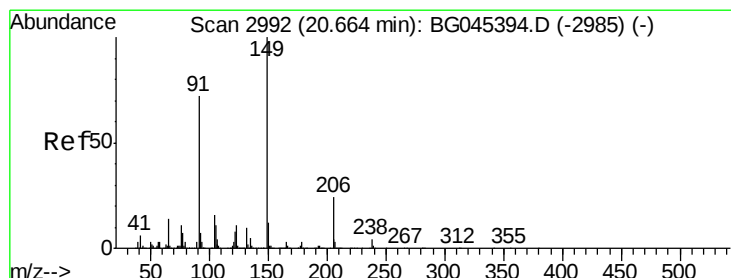
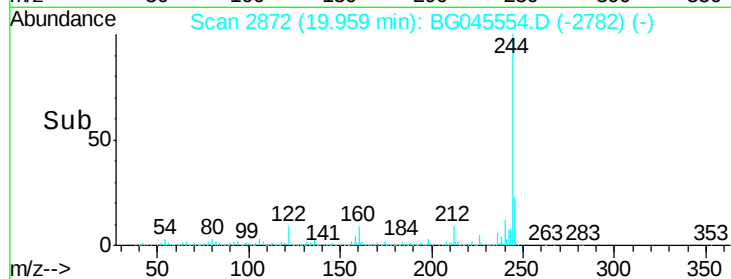
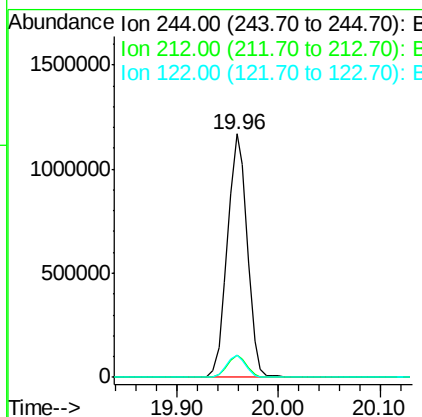
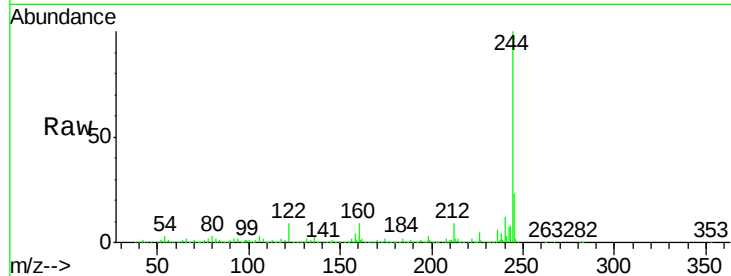
#79
 Terphenyl-d14
 Concen: 84.127 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	9.0	6.8	10.2

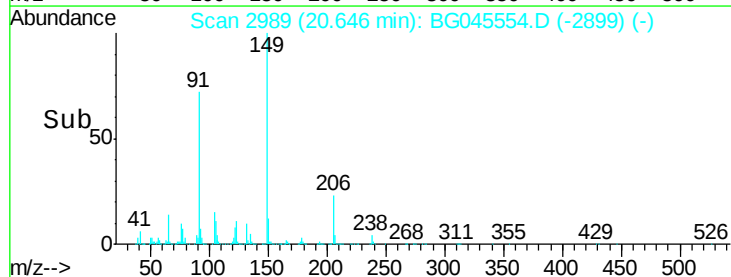
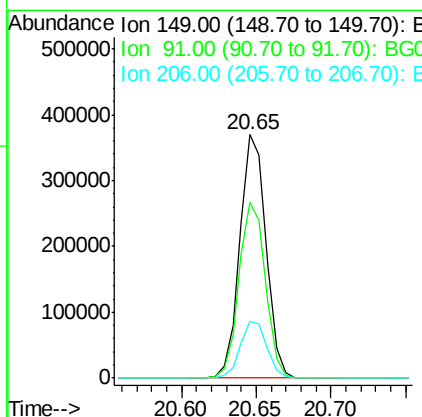
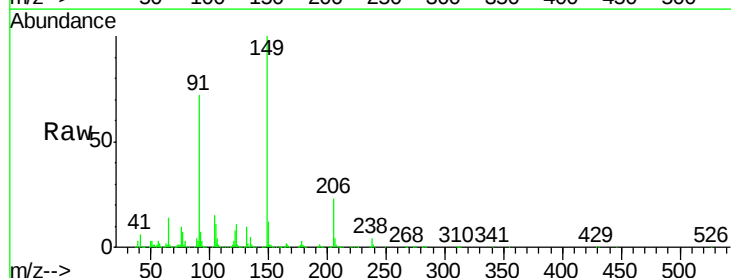
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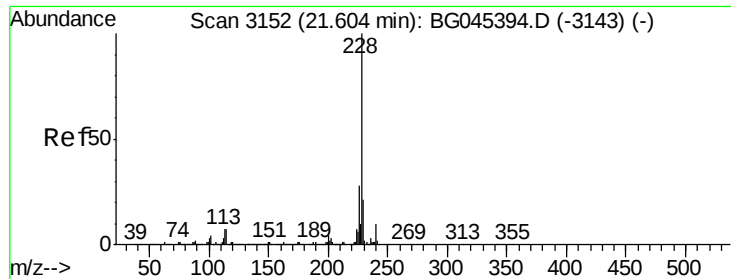
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#80
 Butylbenzylphthalate
 Concen: 41.454 ng
 RT: 20.65 min Scan# 2989
 Delta R.T. 0.00 min
 Lab File: BG045554.D
 Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	57.8	86.6
206	23.3	19.1	28.7





#81

Benzo(a)anthracene

Concen: 41.924 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1028373

Ion Ratio Lower Upper

228 100

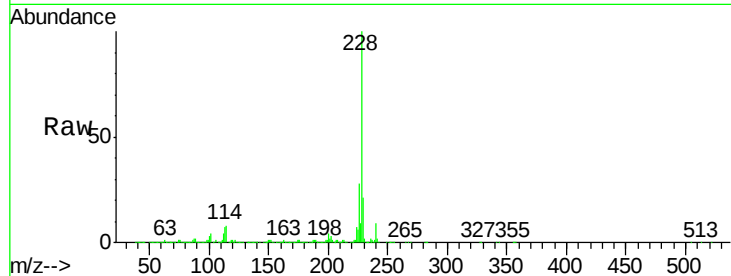
226 28.3 22.7 34.1

229 21.3 16.7 25.1

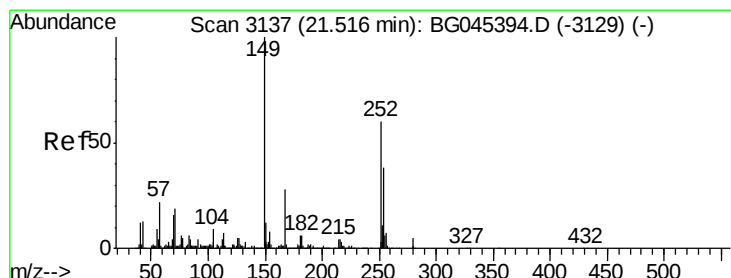
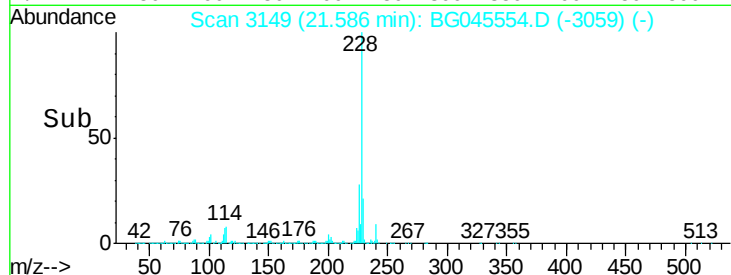
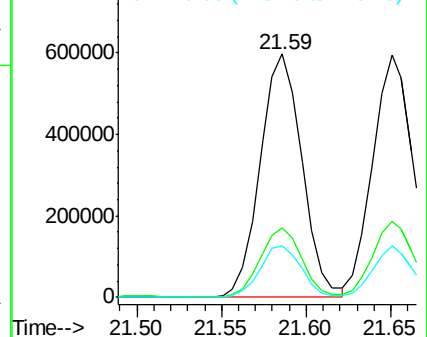
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.853 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

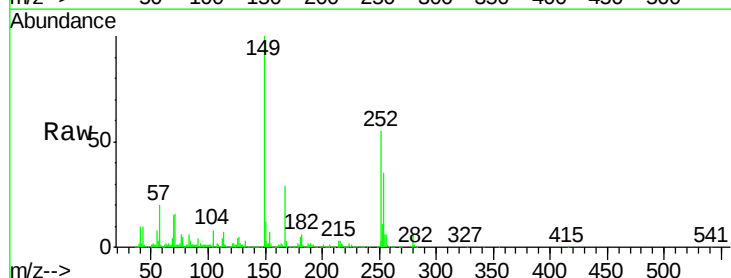
Tgt Ion:252 Resp: 383469

Ion Ratio Lower Upper

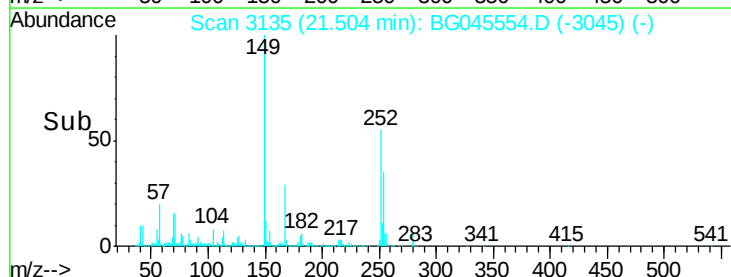
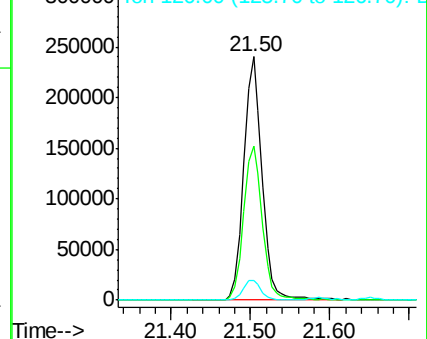
252 100

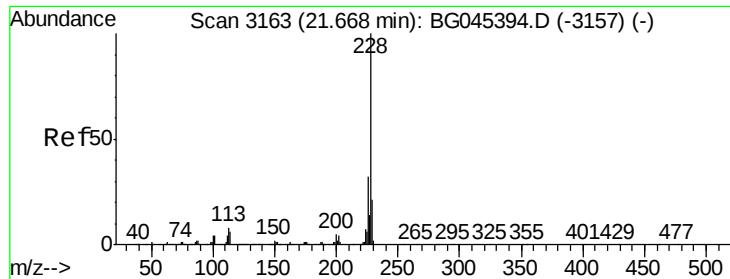
254 63.3 51.3 76.9

126 8.0 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





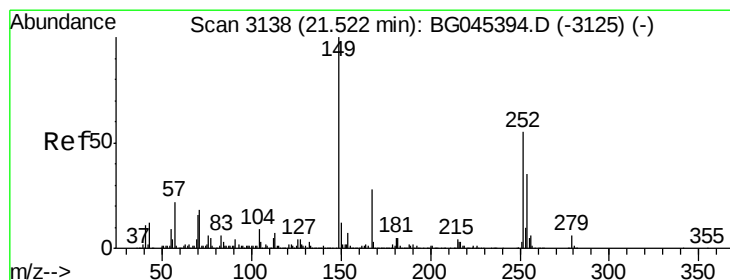
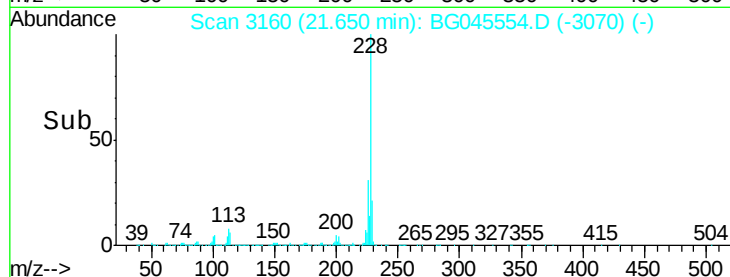
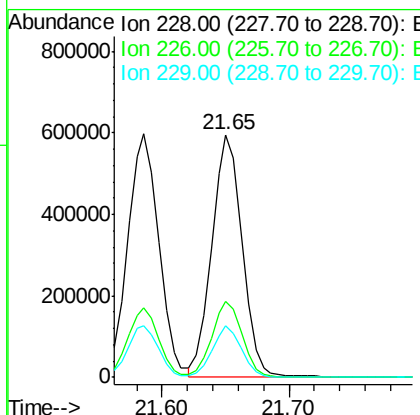
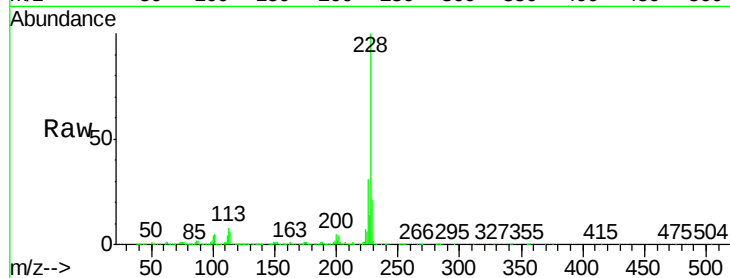
#83
Chrysene
Concen: 41.868 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.2	37.8
229	21.3	16.7	25.1

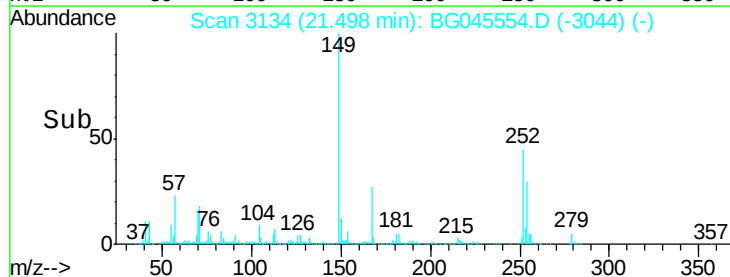
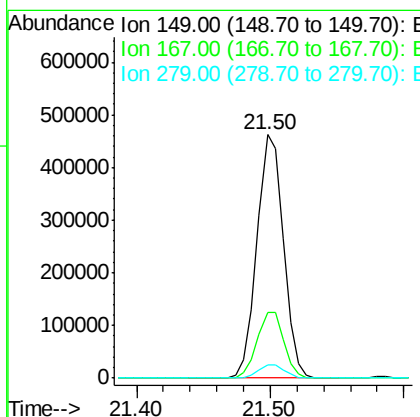
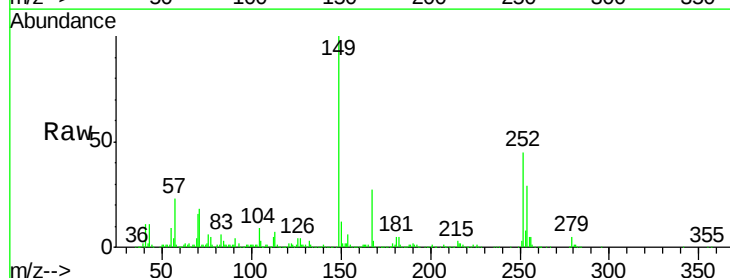
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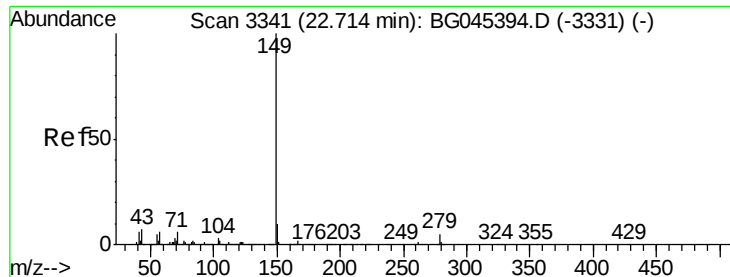
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.345 ng
RT: 21.50 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.2
279	5.2	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 41.999 ng

RT: 22.68 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1074307

Ion Ratio Lower Upper

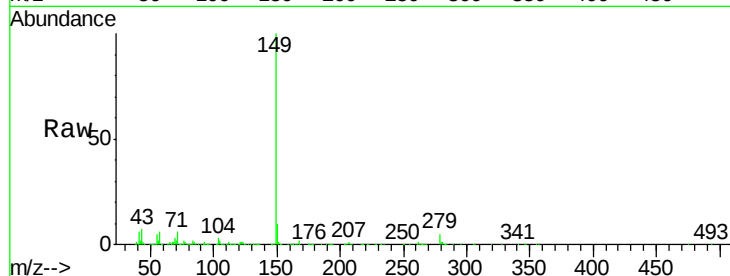
149 100

167 1.6 1.4 2.0

43 7.0 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): BGC

800000

600000

400000

200000

0

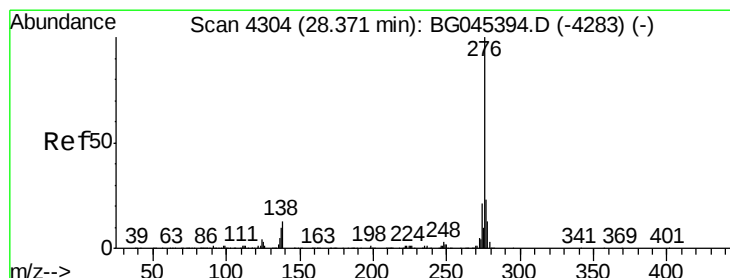
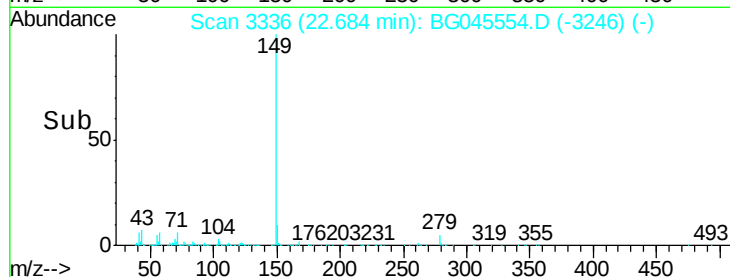
22.68

22.60

22.70

22.80

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.431 ng

RT: 28.32 min Scan# 4296

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

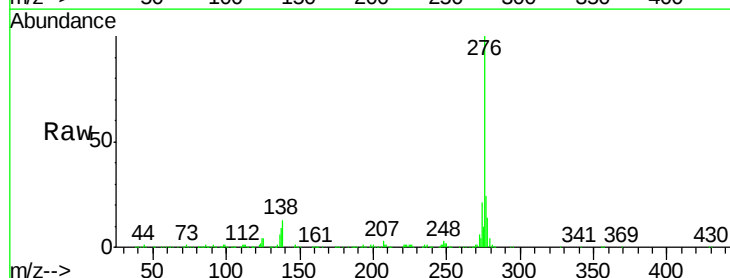
Tgt Ion:276 Resp: 1277866

Ion Ratio Lower Upper

276 100

138 15.9 8.6 12.8#

277 25.8 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

250000

200000

150000

100000

50000

0

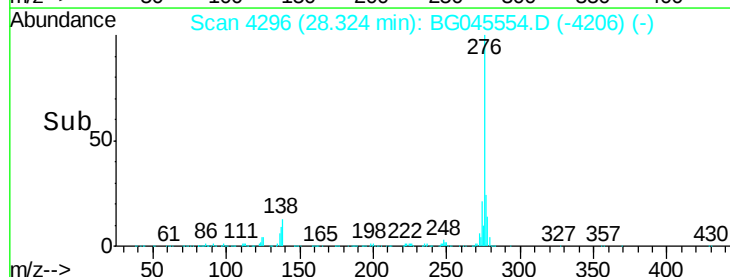
28.32

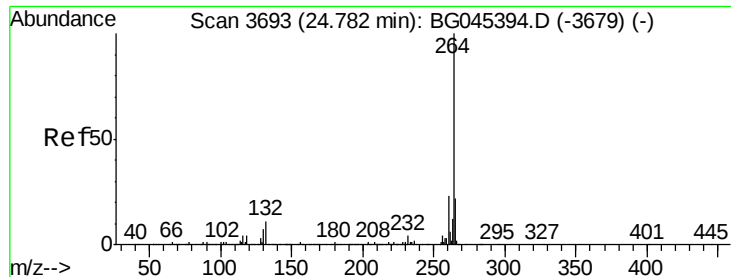
28.20

28.40

28.60

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

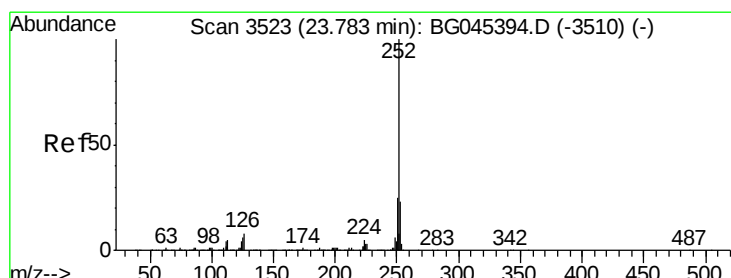
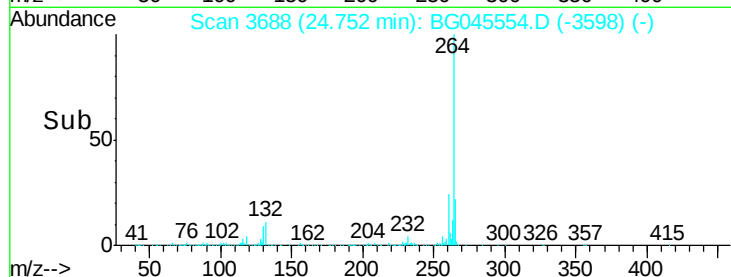
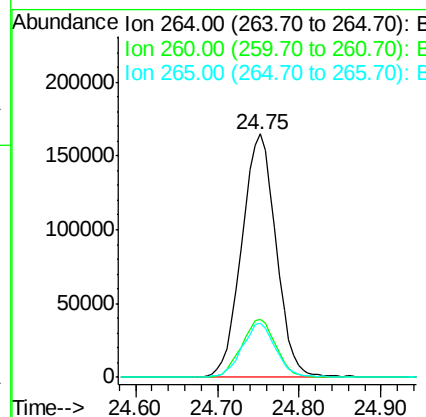
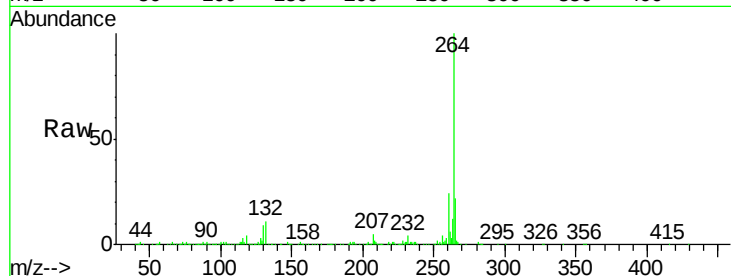
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	481198
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.4
265	22.4	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 42.385 ng

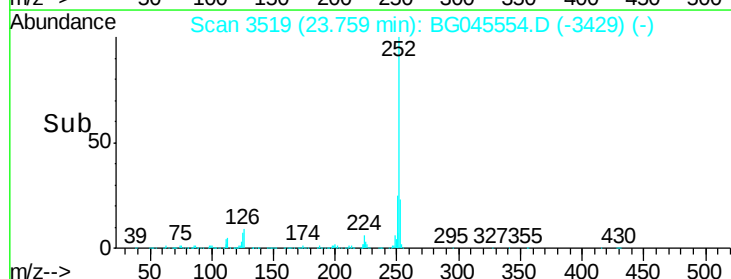
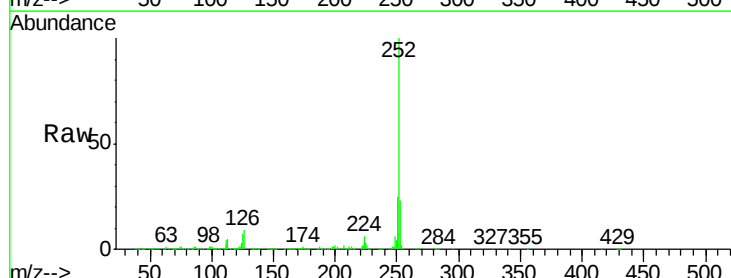
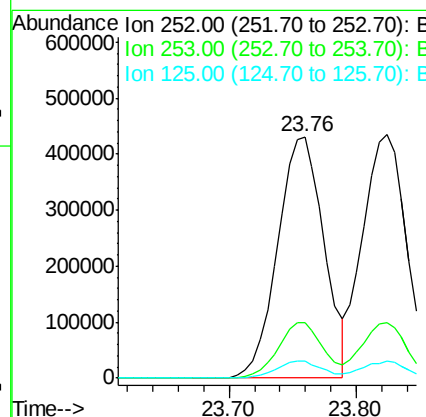
RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Tgt Ion:	252	Resp:	1093841
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	7.3	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 43.460 ng

RT: 23.82 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1053717

Ion Ratio Lower Upper

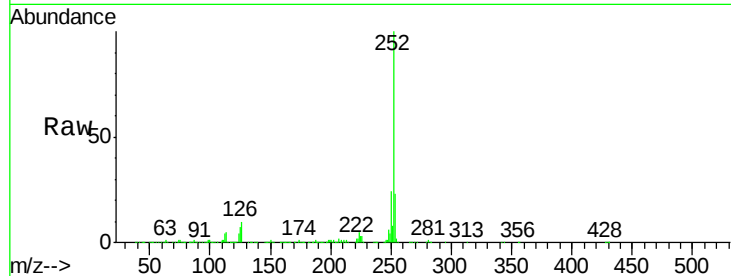
252 100

253 22.9 18.4 27.6

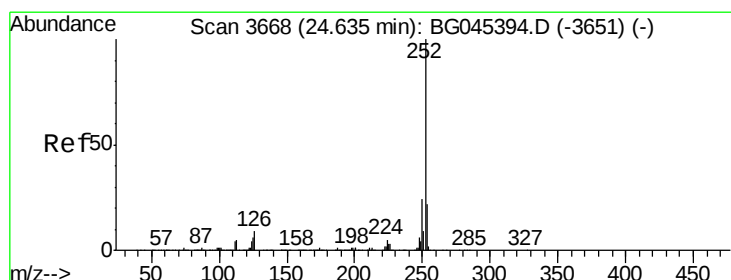
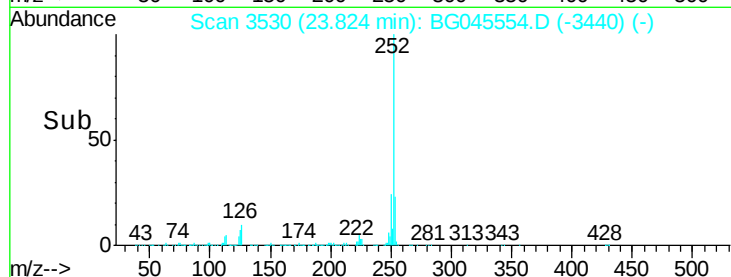
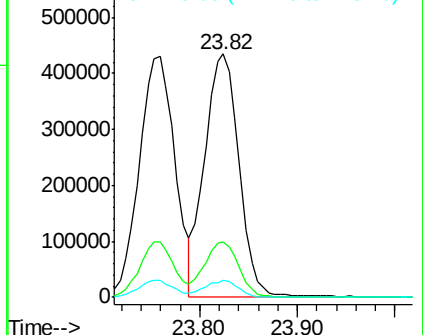
125 6.9 5.7 8.5

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.113 ng

RT: 24.61 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BG045554.D

Acq: 1 Jun 2020 13:57

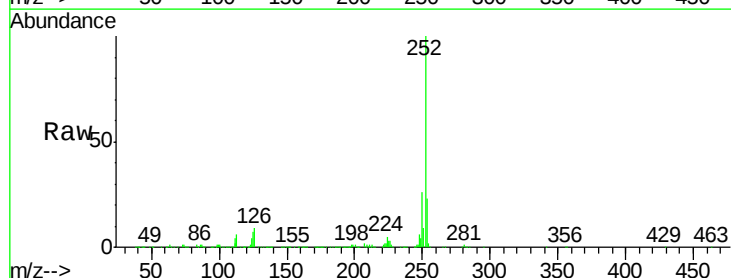
Tgt Ion:252 Resp: 1036221

Ion Ratio Lower Upper

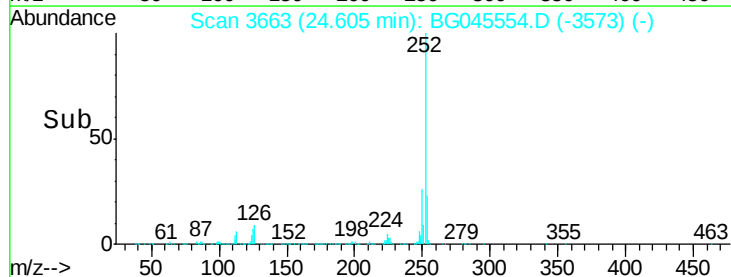
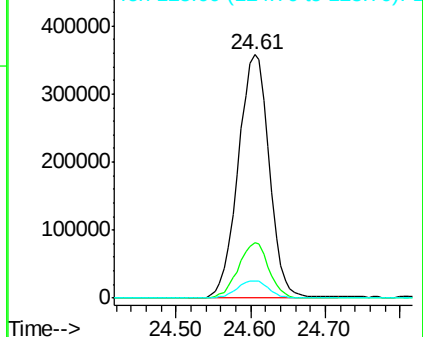
252 100

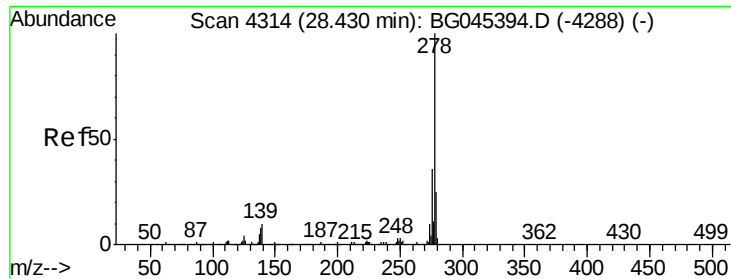
253 22.9 17.2 25.8

125 7.0 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





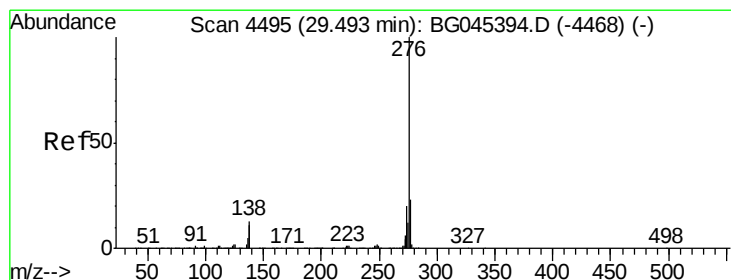
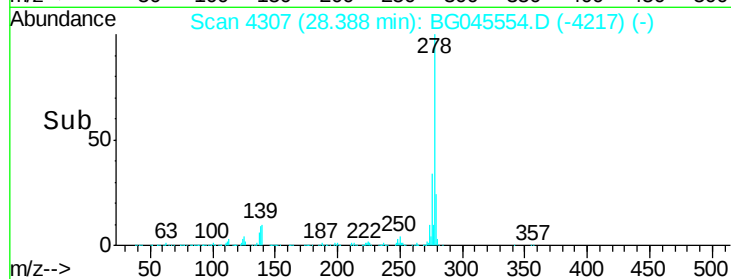
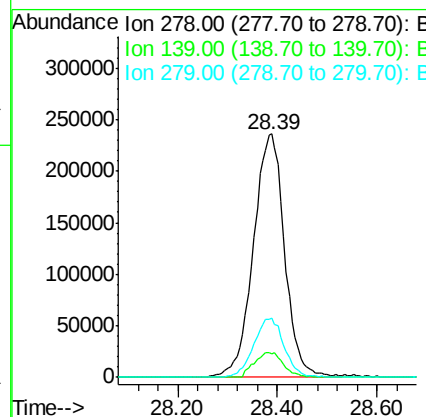
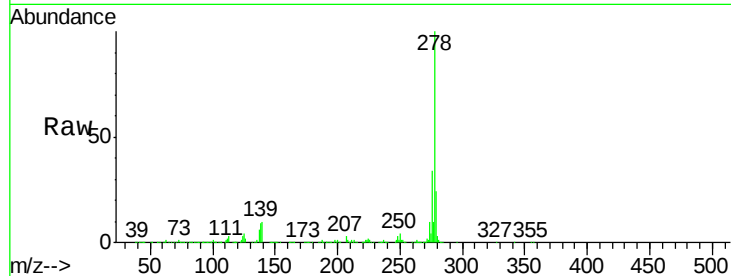
#91
Dibenzo(a,h)anthracene
Concen: 42.628 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	7.8	11.8
279	24.1	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 42.237 ng
RT: 29.44 min Scan# 4486
Delta R.T. 0.00 min
Lab File: BG045554.D
Acq: 1 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.1	27.1
138	13.0	10.2	15.4

