

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
 Data File : BG045784.D
 Acq On : 17 Jun 2020 10:33
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 6/19/2020 9:24:18 AM

Quant Time: Jun 18 02:45:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	47927	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	206111	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	164920	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	390904	20.00	ng	0.00
76) Chrysene-d12	21.58	240	351561	20.00	ng	0.00
86) Perylene-d12	24.71	264	382442	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	219727	77.44	ng	0.00
7) Phenol-d6	7.15	99	375135	86.92	ng	-0.01
23) Nitrobenzene-d5	9.08	82	351357	77.88	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	196754	79.02	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	858544	76.50	ng	0.00
79) Terphenyl-d14	19.94	244	1415917	81.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	45171	34.761	ng	98
3) Pyridine	3.76	79	153075	39.753	ng	97
4) n-Nitrosodimethylamine	3.68	42	50486	39.059	ng	95
6) Aniline	7.25	93	217898	42.881	ng	98
8) 2-Chlorophenol	7.51	128	124176	40.889	ng	94
9) Benzaldehyde	7.05	77	103246	39.831	ng	97
10) Phenol	7.18	94	177694	42.495	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	131335	41.350	ng	97
12) 1,3-Dichlorobenzene	7.81	146	140183	38.734	ng	99
13) 1,4-Dichlorobenzene	7.95	146	140543	38.878	ng	94
14) 1,2-Dichlorobenzene	8.27	146	137854	39.834	ng	98
15) Benzyl Alcohol	8.18	79	154143	46.155	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	126578	42.285	ng	83
17) 2-Methylphenol	8.42	107	138780	44.596	ng	97
18) Hexachloroethane	9.00	117	54998	40.058	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	137898	48.603	ng	97
20) 3+4-Methylphenols	8.75	107	188810	46.134	ng	# 86
22) Acetophenone	8.74	105	228773	40.440	ng	# 96
24) Nitrobenzene	9.12	77	185887	38.641	ng	98
25) Isophorone	9.65	82	383624	43.922	ng	99
26) 2-Nitrophenol	9.84	139	83163	41.495	ng	96
27) 2,4-Dimethylphenol	9.94	122	129049	42.175	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	194572	42.647	ng	97
29) 2,4-Dichlorophenol	10.41	162	148053	41.472	ng	94
30) 1,2,4-Trichlorobenzene	10.59	180	155308	36.748	ng	98
31) Naphthalene	10.78	128	439522	39.005	ng	99
32) Benzoic acid	10.14	122	91979	46.659	ng	90
33) 4-Chloroaniline	10.90	127	203381	43.100	ng	97
34) Hexachlorobutadiene	11.07	225	110718	36.837	ng	94
35) Caprolactam	11.68	113	55939	48.422	ng	94
36) 4-Chloro-3-methylphenol	12.08	107	186660	45.285	ng	97
37) 2-Methylnaphthalene	12.39	142	354501	42.248	ng	98
38) 1-Methylnaphthalene	12.61	142	338486	42.628	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	202801	37.345	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	83641	33.369	nq	97
43) 2,4,6-Trichlorophenol	13.02	196	145088	39.406	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	167067	39.813	nq	97
46) 1,1'-Biphenyl	13.40	154	458256	38.811	nq	99
47) 2-Chloronaphthalene	13.44	162	363021	38.061	nq	98
48) 2-Nitroaniline	13.66	65	127248	40.108	nq	99
49) Acenaphthylene	14.29	152	592272	38.769	nq	98
50) Dimethylphthalate	14.03	163	515766	39.921	nq	99
51) 2,6-Dinitrotoluene	14.15	165	115510	39.806	nq	98
52) Acenaphthene	14.63	154	361996	39.092	nq	98
53) 3-Nitroaniline	14.49	138	117697	40.607	nq	92
54) 2,4-Dinitrophenol	14.70	184	63128	44.135	nq	95
55) Dibenzofuran	14.97	168	586521	38.989	nq	99
56) 4-Nitrophenol	14.87	139	80745	40.925	nq	98
57) 2,4-Dinitrotoluene	14.94	165	168247	40.467	nq	# 98
58) Fluorene	15.62	166	497216	39.749	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	144777	39.751	nq	99
60) Diethylphthalate	15.39	149	528781	40.036	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	288677	40.040	nq	98
62) 4-Nitroaniline	15.66	138	126629m	42.569	nq	
63) Azobenzene	15.91	77	504675	39.796	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	103183	42.712	nq	95
66) n-Nitrosodiphenylamine	15.83	169	436715	39.443	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	201511	39.673	nq	95
68) Hexachlorobenzene	16.63	284	207862	39.465	nq	97
69) Atrazine	16.78	200	145873	33.952	nq	96
70) Pentachlorophenol	16.99	266	95137	40.764	nq	93
71) Phenanthrene	17.36	178	796364	39.501	nq	99
72) Anthracene	17.45	178	793274	39.514	nq	100
73) Carbazole	17.73	167	763594	39.946	nq	99
74) Di-n-butylphthalate	18.29	149	908049	40.119	nq	99
75) Fluoranthene	19.37	202	962567	38.828	nq	99
77) Benzidine	19.56	184	444723	48.659	nq	100
78) Pyrene	19.74	202	963261	40.917	nq	100
80) Butylbenzylphthalate	20.62	149	394009	39.985	nq	95
81) Benzo(a)anthracene	21.56	228	900207	39.495	nq	98
82) 3,3'-Dichlorobenzidine	21.48	252	348994	40.479	nq	99
83) Chrysene	21.62	228	858118	38.924	nq	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	543044	39.619	nq	97
85) Di-n-octyl phthalate	22.64	149	930444	39.354	nq	99
87) Indeno(1,2,3-cd)pyrene	28.27	276	1105019	39.856	nq	# 95
88) Benzo(b)fluoranthene	23.72	252	929926	38.781	nq	100
89) Benzo(k)fluoranthene	23.78	252	925921	40.346	nq	98
90) Benzo(a)pyrene	24.57	252	883340	39.436	nq	100
91) Dibenzo(a,h)anthracene	28.32	278	896891	40.340	nq	99
92) Benzo(g,h,i)perylene	29.37	276	883441	39.699	nq	99

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

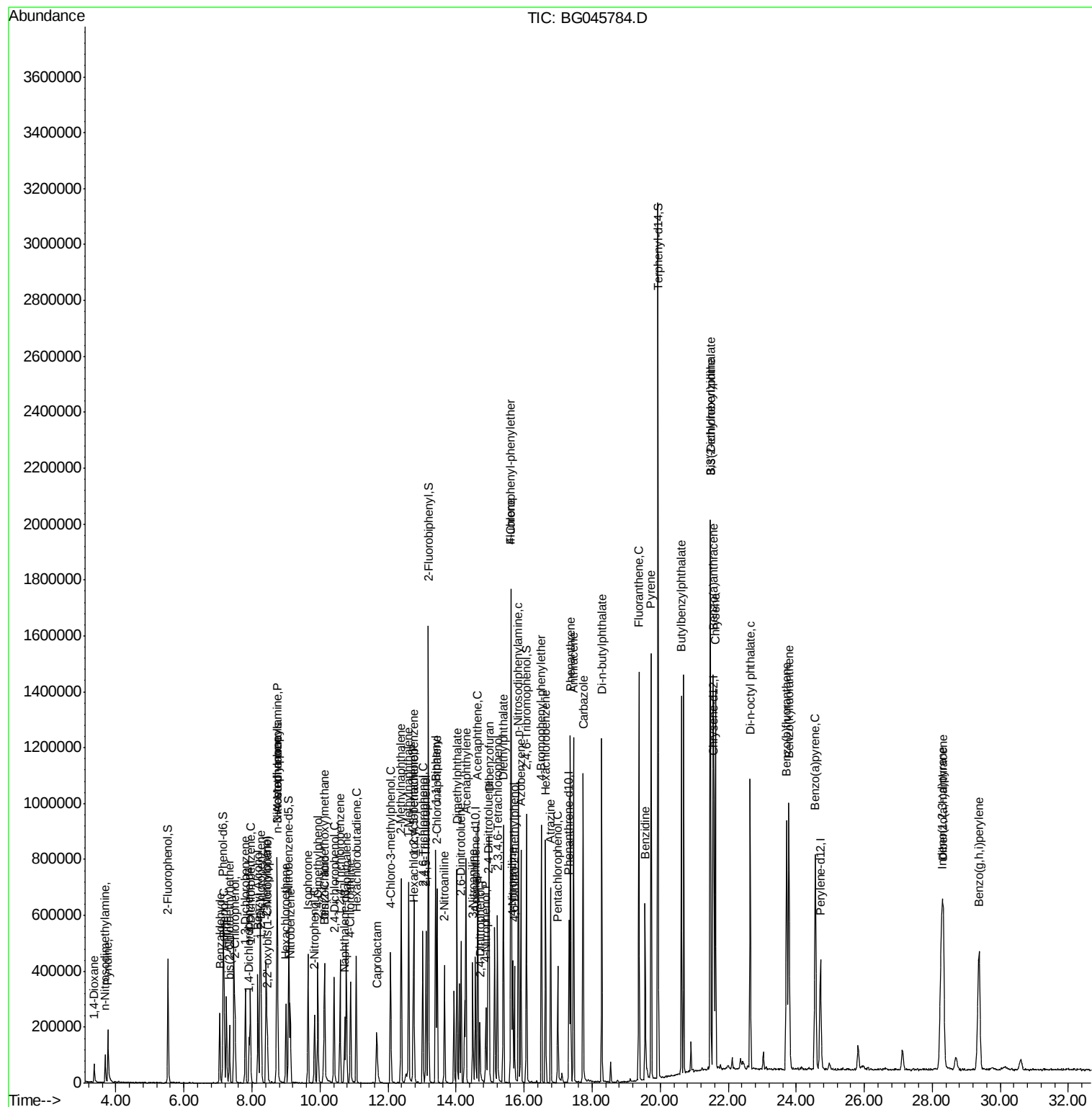
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

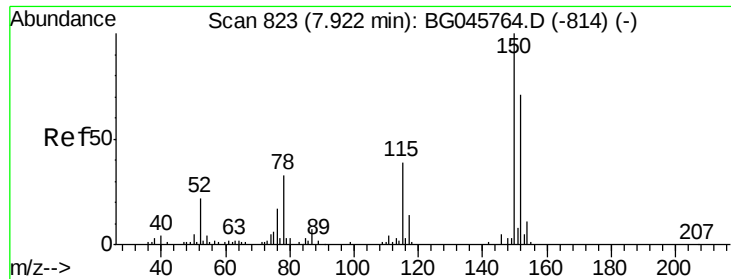
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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#1

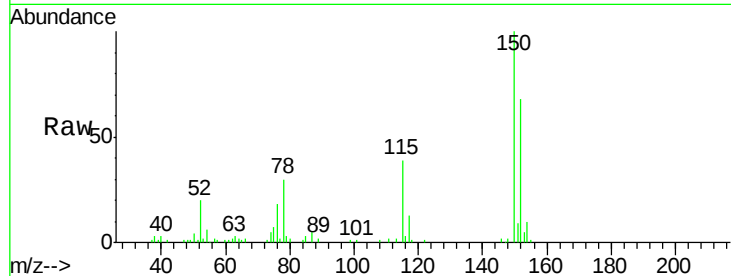
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

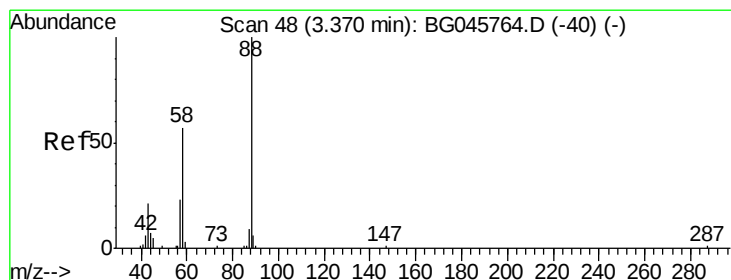
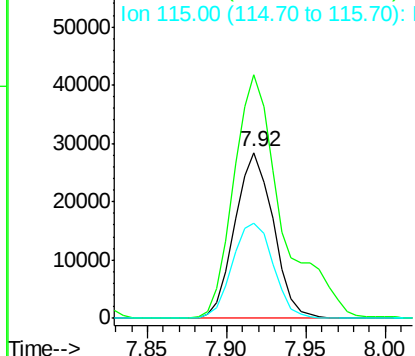
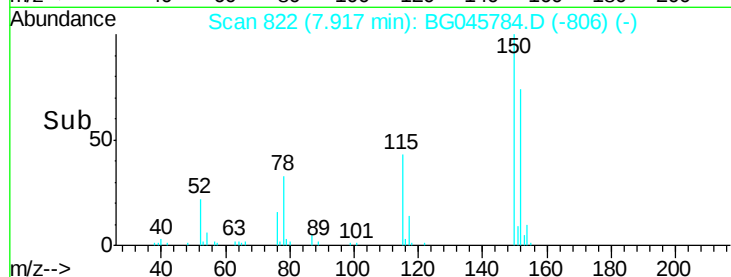
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	113.1	169.7
115	57.5	43.8	65.6

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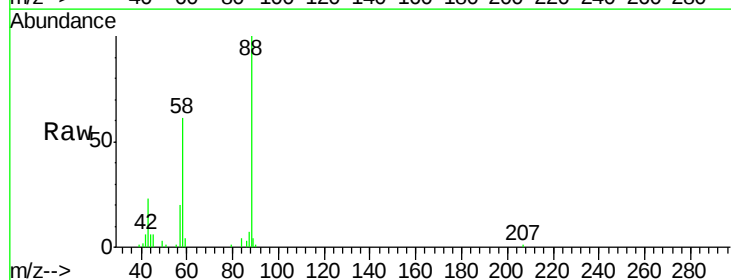
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



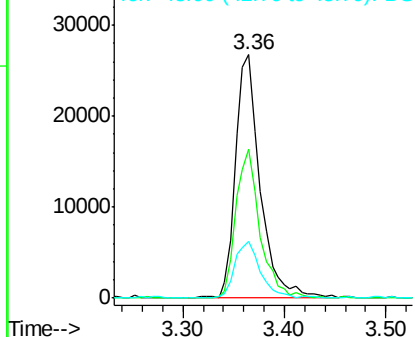
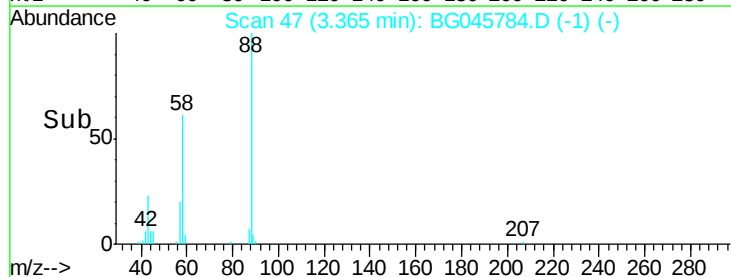
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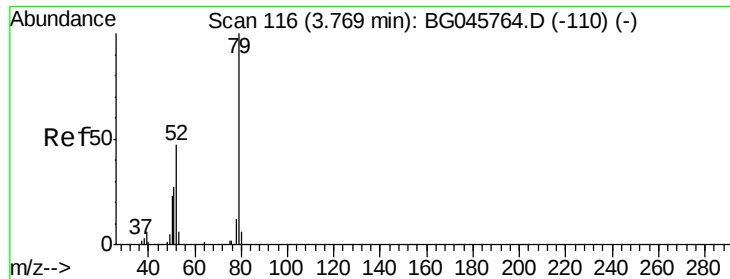
1,4-Dioxane
Concen: 34.761 ng
RT: 3.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.8	46.1	69.1
43	24.1	19.2	28.8



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: 39.753 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

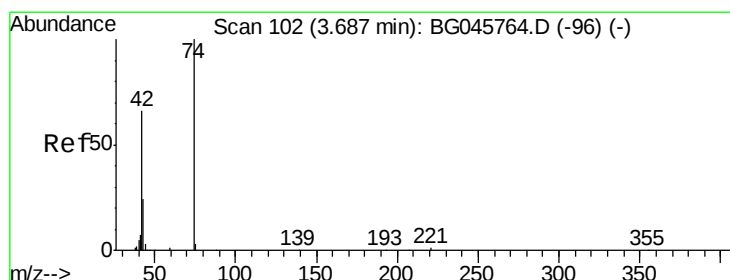
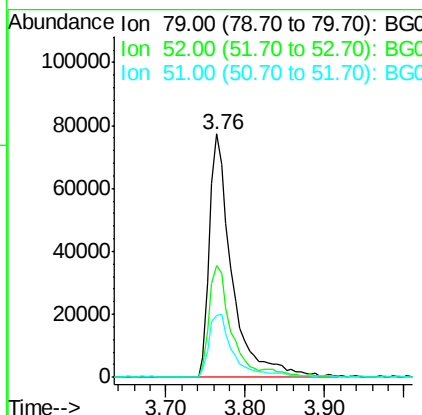
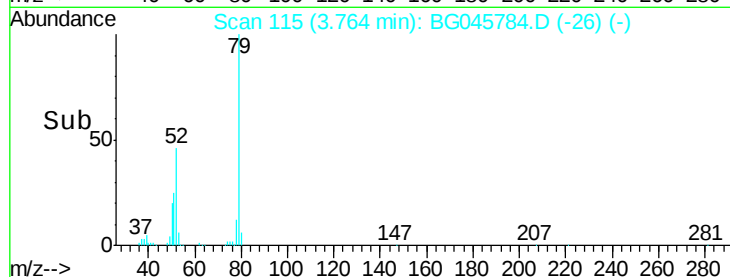
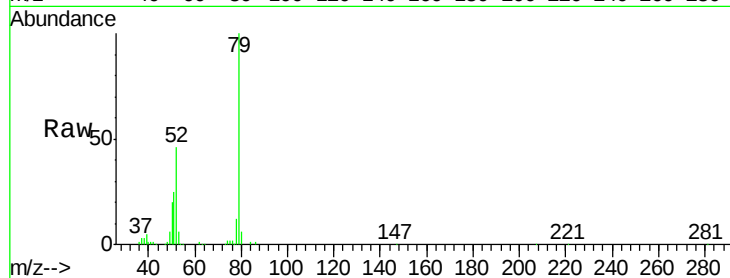
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	153075
Ion	Ratio	Lower	Upper
79	100		
52	46.0	37.9	56.9
51	25.5	22.0	33.0

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#4

n-Nitrosodimethylamine

Concen: 39.059 ng

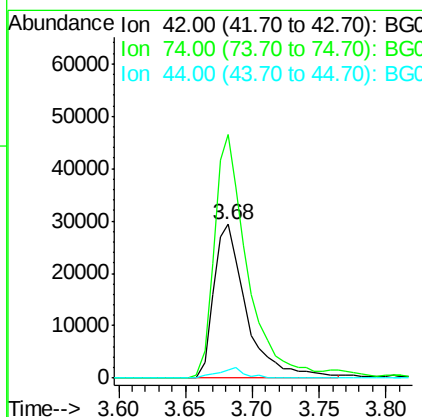
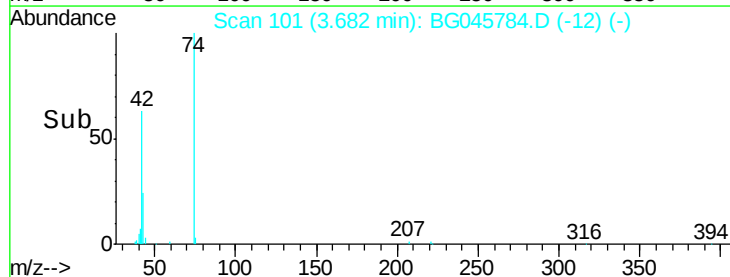
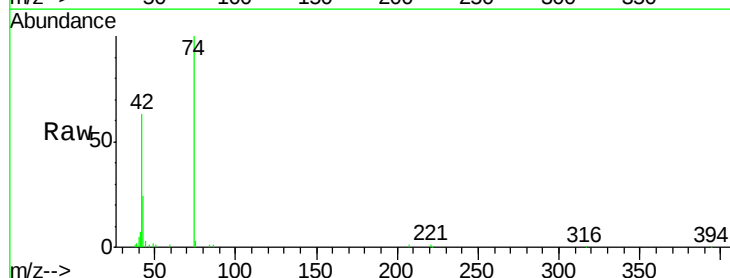
RT: 3.68 min Scan# 101

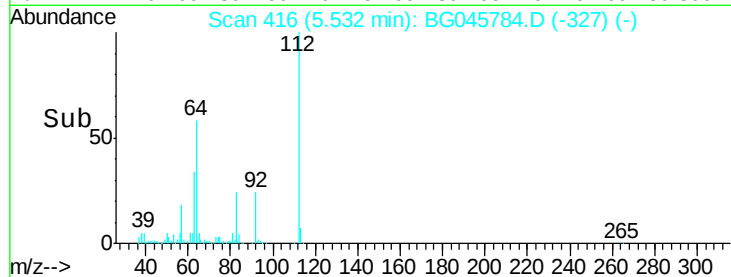
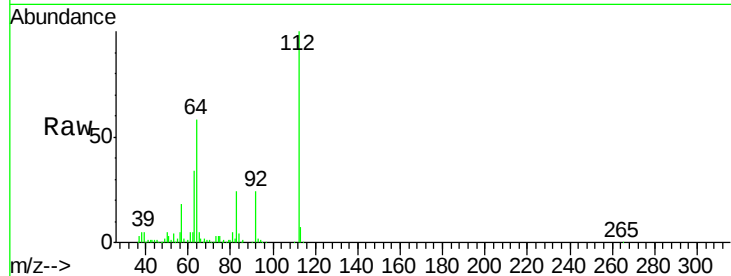
Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	42	Resp:	50486
Ion	Ratio	Lower	Upper
42	100		
74	158.2	121.0	181.4
44	5.2	3.5	5.3





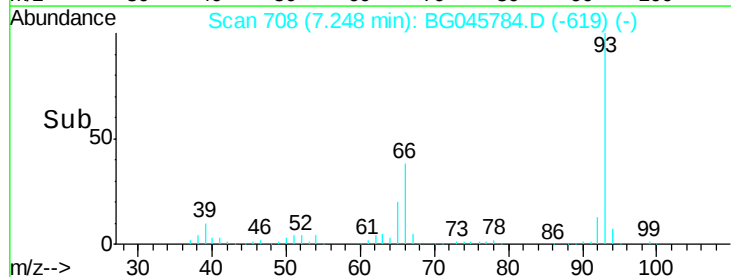
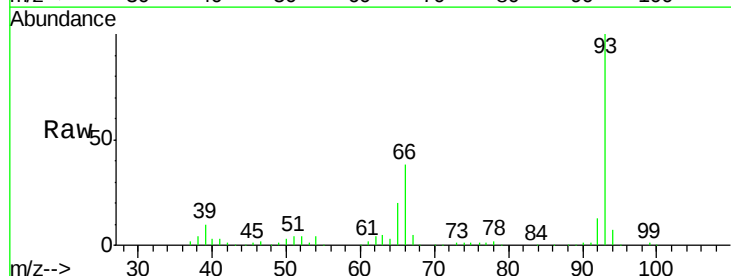
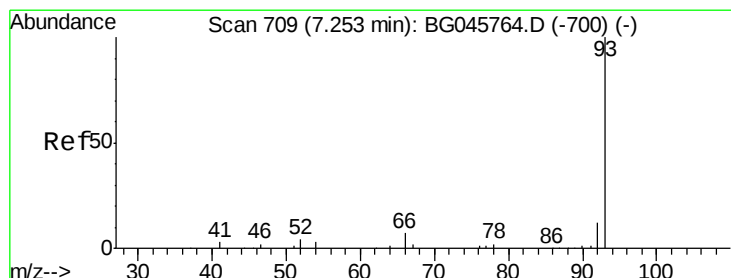
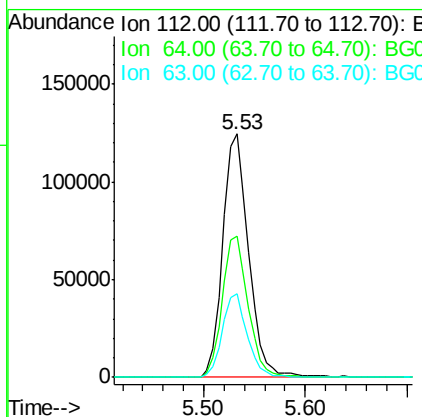
#5
2-Fluorophenol
Concen: 77.445 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tot Ion	Ratio	Resp	Lower	Upper
112	100	219727		
64	57.8	46.6	69.8	
63	34.3	26.3	39.5	

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BNA_G
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SSTDCCC040

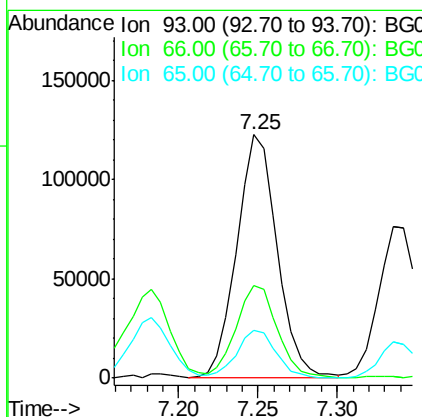
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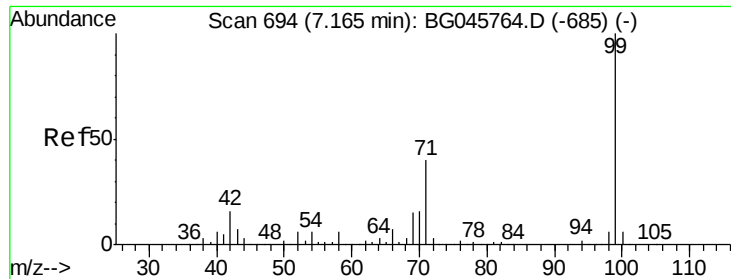
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#6
Aniline
Concen: 42.881 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	217898		
66	38.0	30.0	45.0	
65	19.7	14.7	22.1	





#7

Phenol-d6

Concen: 86.925 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

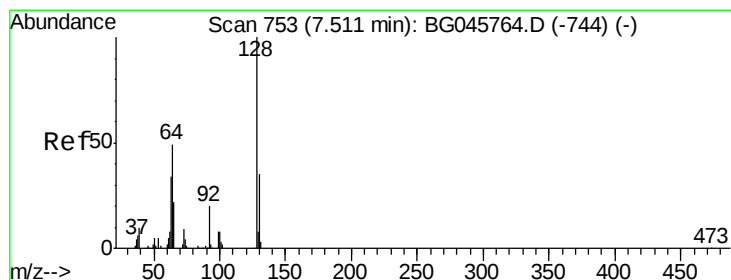
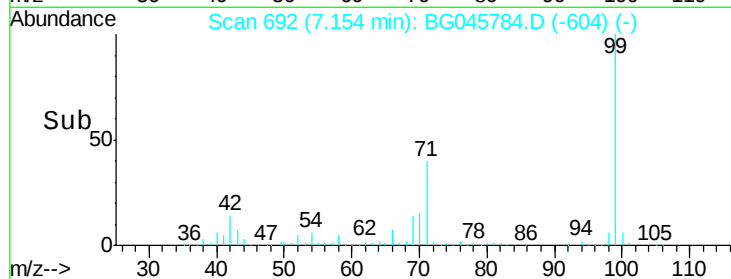
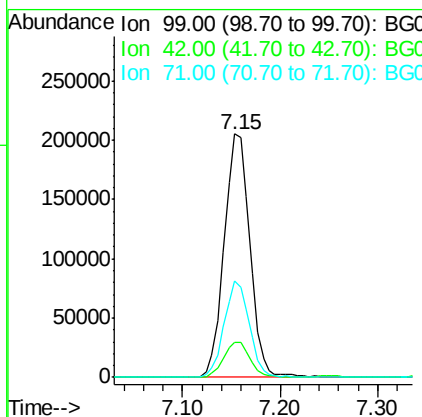
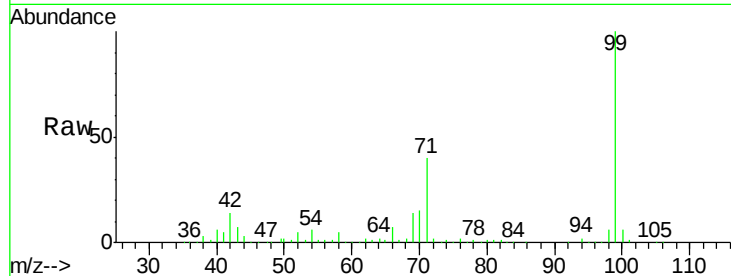
ClientSampled :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		375135		
42	14.3	12.4	18.6		
71	39.6	32.1	48.1		

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#8

2-Chlorophenol

Concen: 40.889 ng

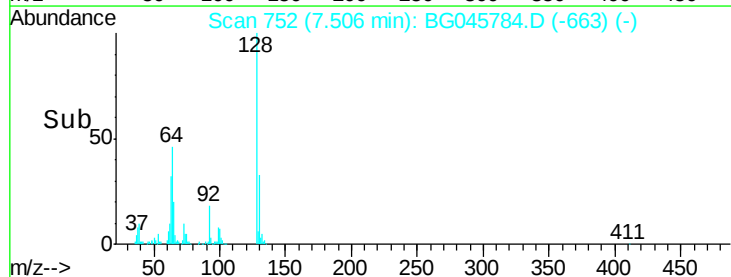
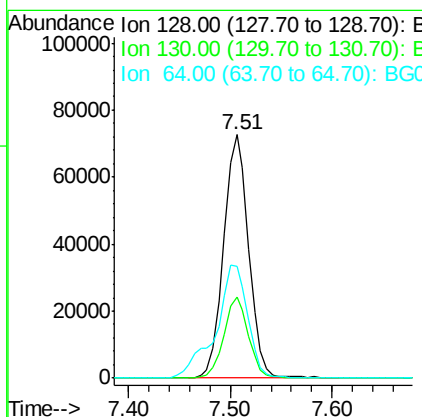
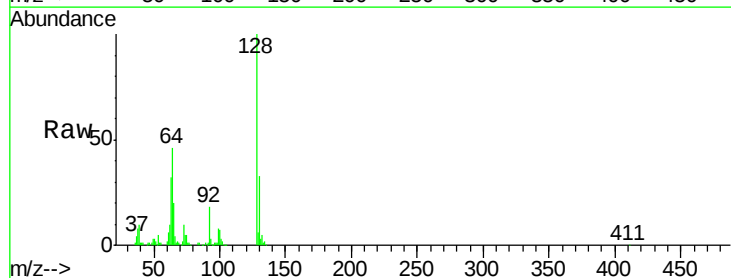
RT: 7.51 min Scan# 752

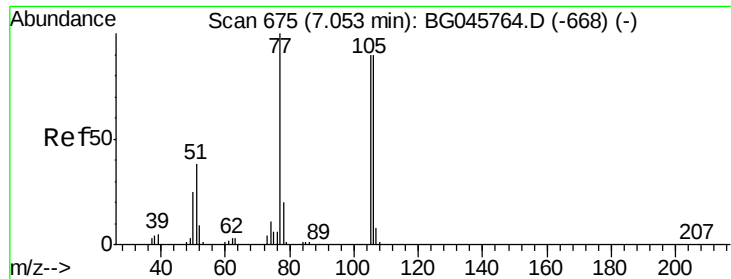
Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		124176		
130	33.4	14.5	54.5		
64	46.0	31.6	71.6		





#9

Benzaldehyde

Concen: 39.831 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

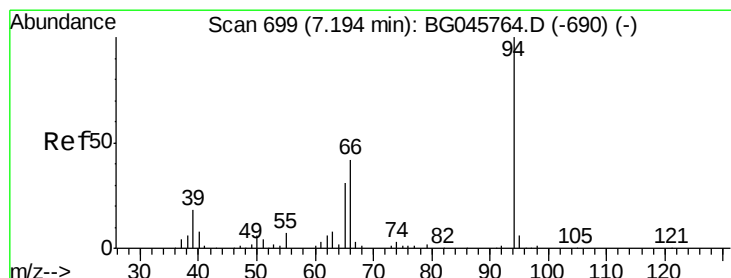
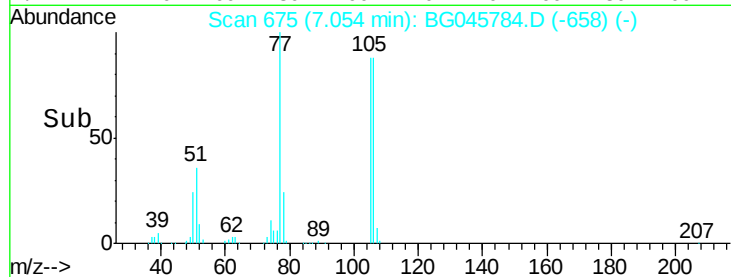
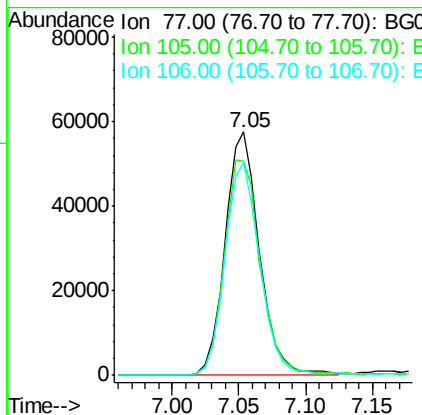
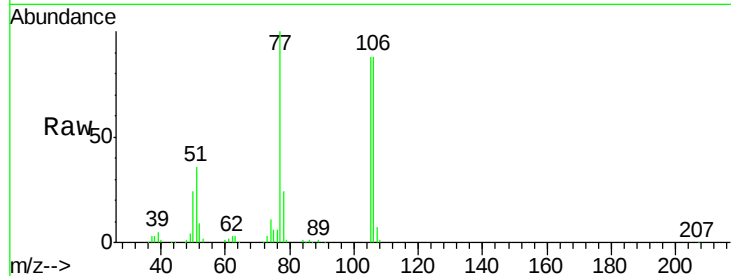
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	103246
Ion	Ratio	Lower	Upper
77	100		
105	88.1	70.4	110.4
106	87.6	70.2	110.2

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#10

Phenol

Concen: 42.495 ng

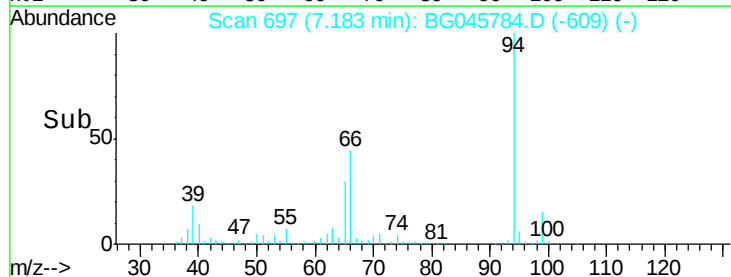
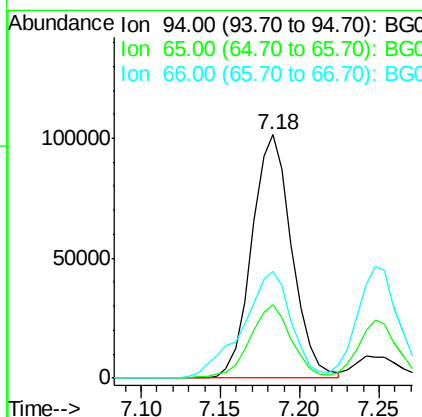
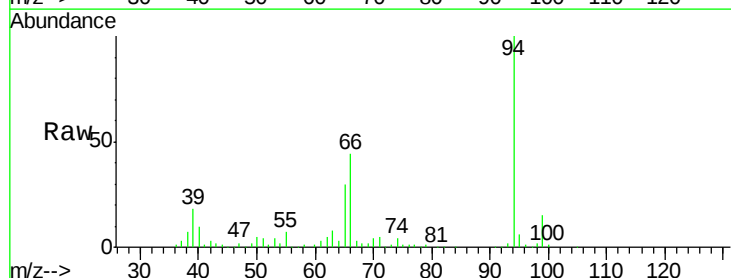
RT: 7.18 min Scan# 697

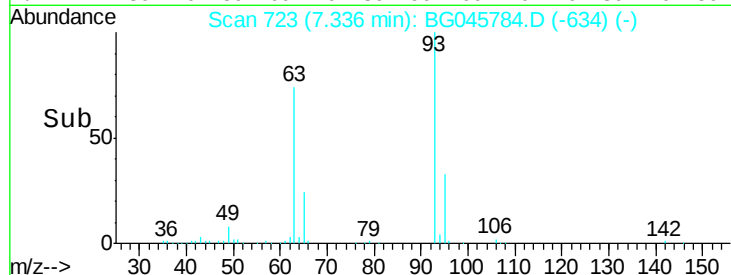
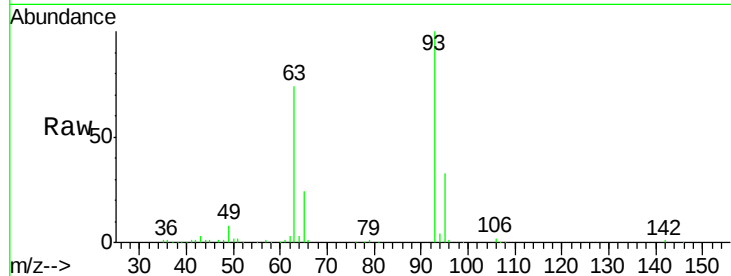
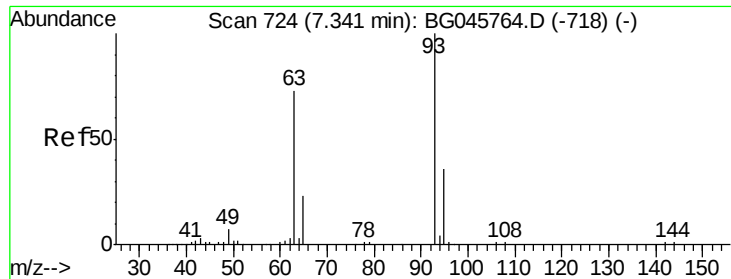
Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	94	Resp:	177694
Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.7	50.7
66	43.8	22.5	62.5





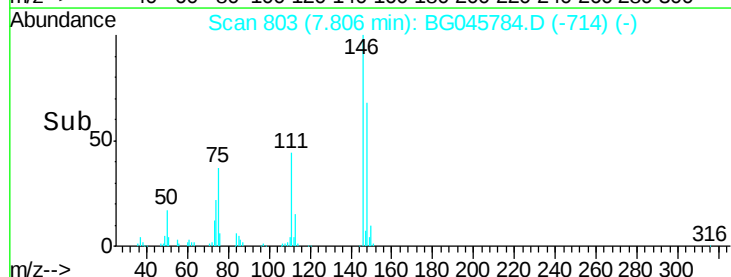
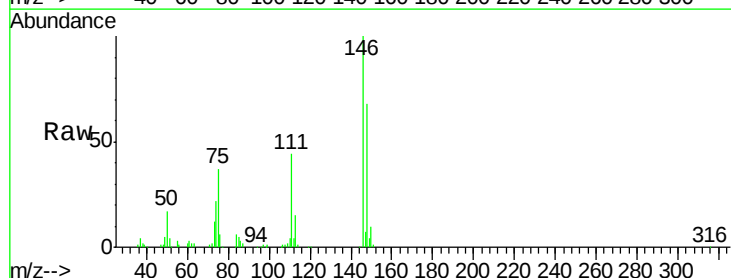
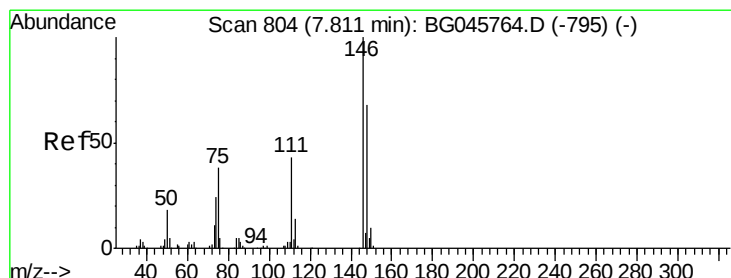
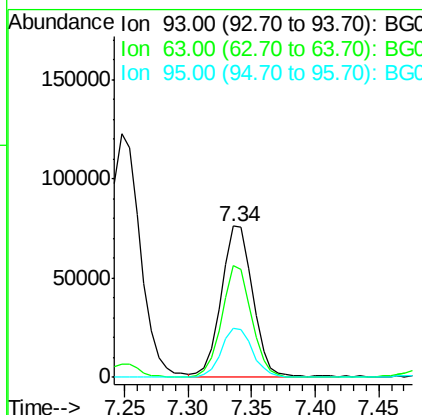
#11
bis(2-Chloroethyl)ether
Concen: 41.350 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tot Ion:	93	Resp:	131335
Ion Ratio	Lower	Upper	
93	100		
63	73.8	52.0	92.0
95	32.7	15.6	55.6

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

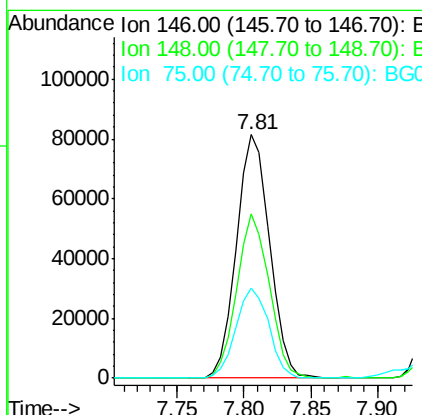
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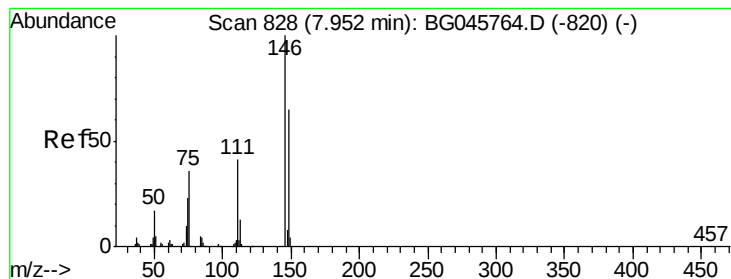
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#12
1,3-Dichlorobenzene
Concen: 38.734 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion:	146	Resp:	140183
Ion Ratio	Lower	Upper	
146	100		
148	67.7	54.2	81.4
75	36.9	30.1	45.1





#13

1,4-Dichlorobenzene

Concen: 38.878 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

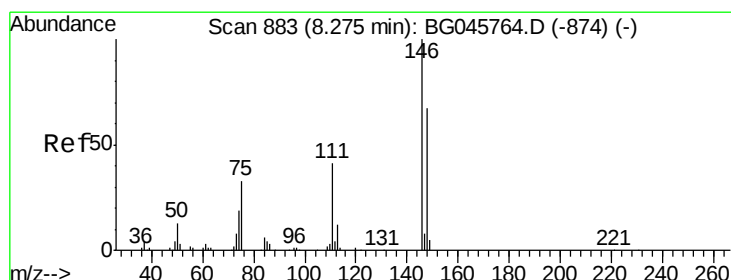
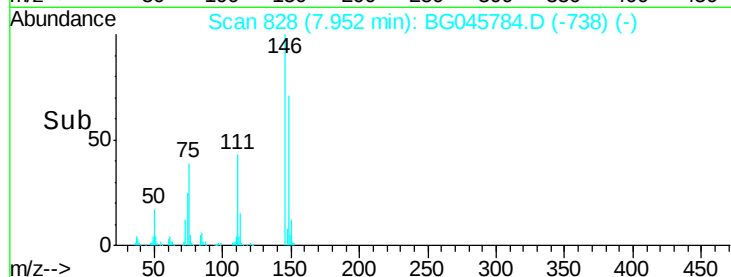
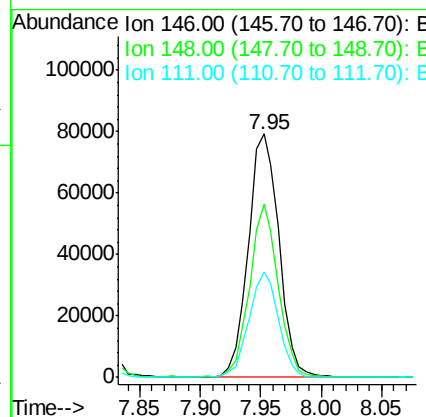
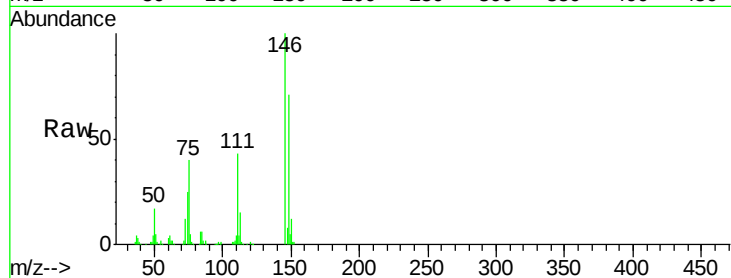
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	140543
Ion Ratio	Lower	Upper	
146	100		
148	71.3	51.8	77.6
111	43.0	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 39.834 ng

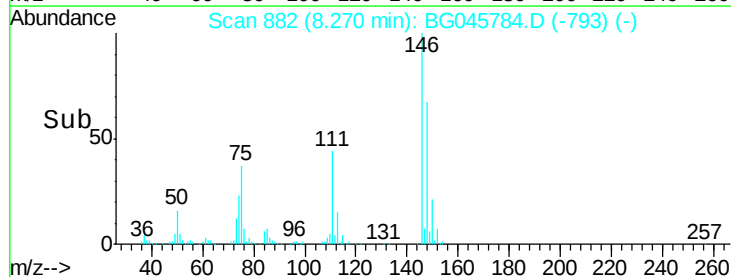
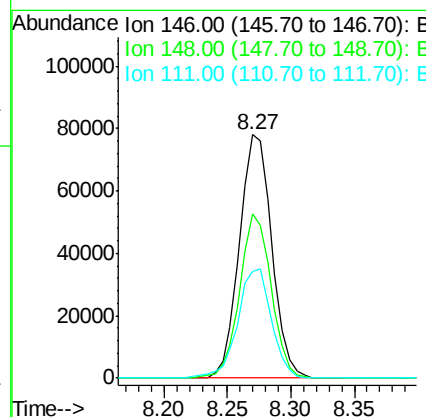
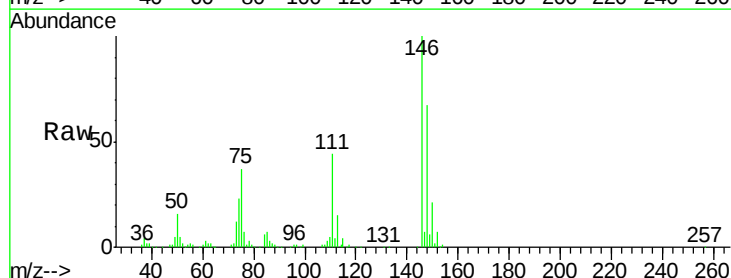
RT: 8.27 min Scan# 882

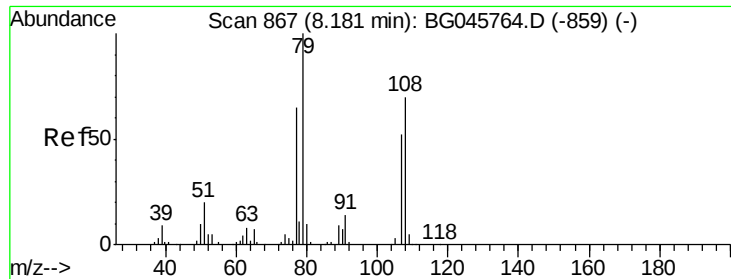
Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	146	Resp:	137854
Ion Ratio	Lower	Upper	
146	100		
148	67.5	54.1	81.1
111	43.9	32.9	49.3





#15

Benzyl Alcohol

Concen: 46.155 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

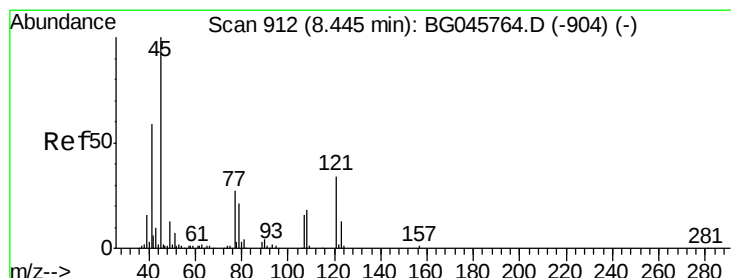
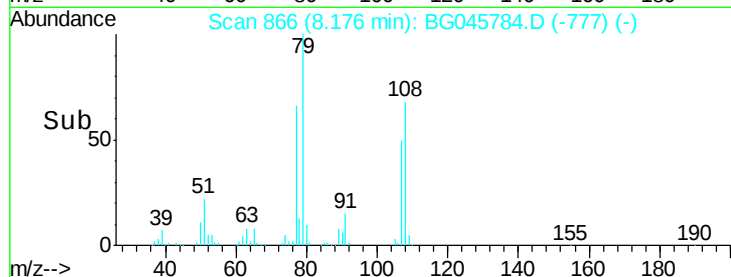
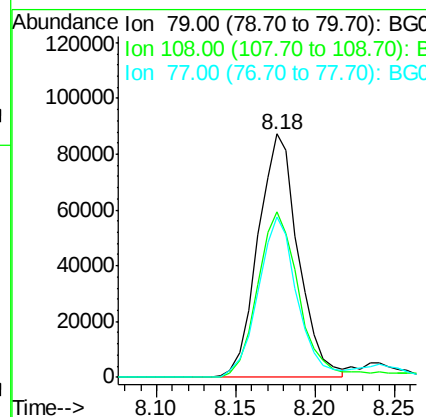
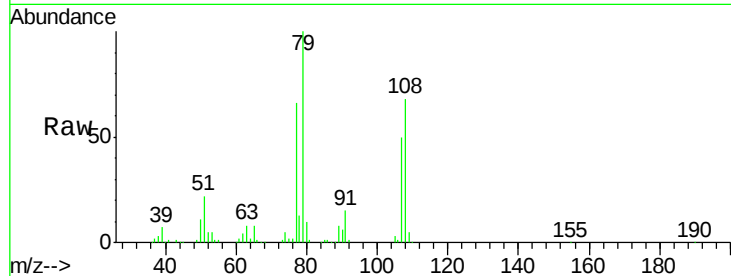
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	154143
Ion Ratio	Lower	Upper	
79	100		
108	68.1	56.2	84.4
77	66.0	52.2	78.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.285 ng

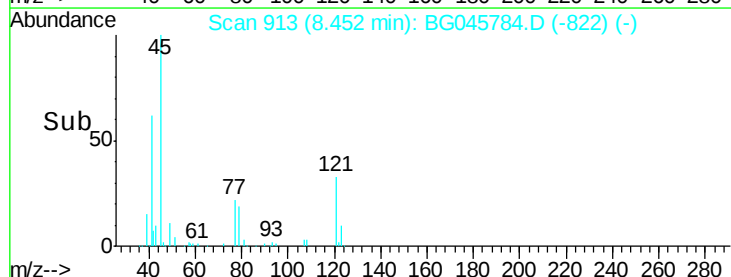
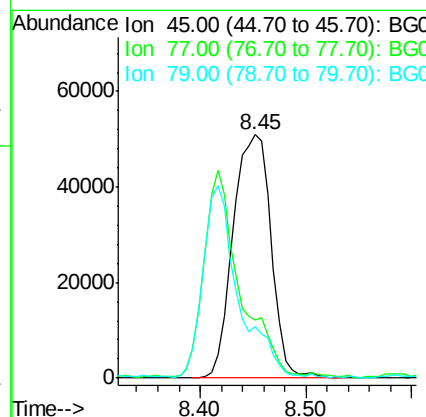
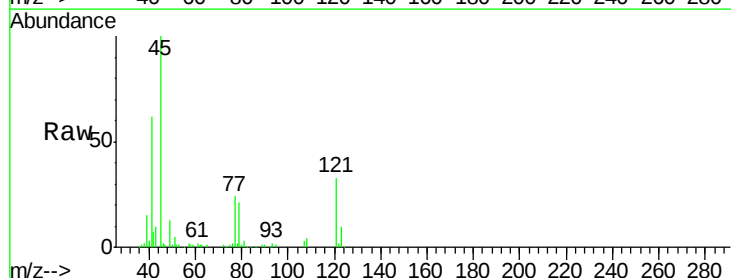
RT: 8.45 min Scan# 913

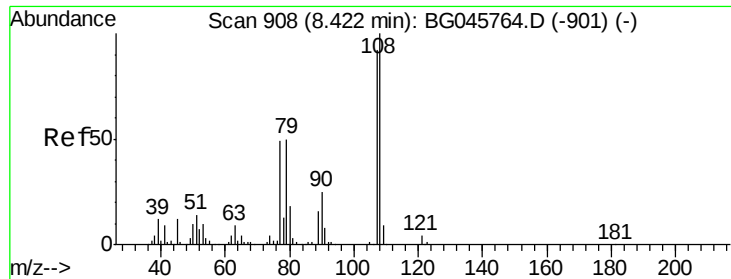
Delta R.T. 0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	45	Resp:	126578
Ion Ratio	Lower	Upper	
45	100		
77	24.1	14.9	54.9
79	21.1	9.2	49.2





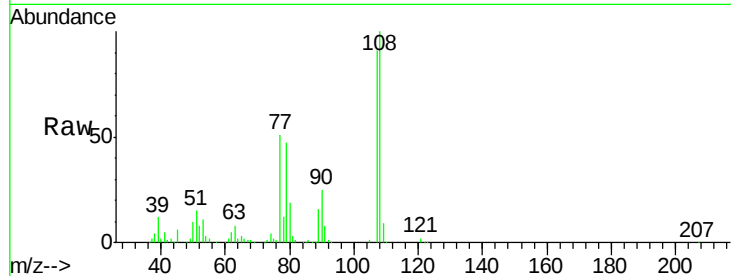
#17
2-Methylphenol
Concen: 44.596 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

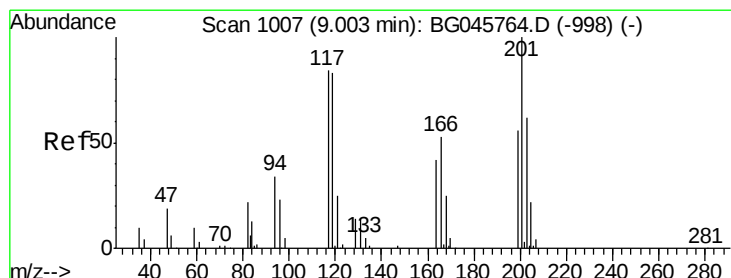
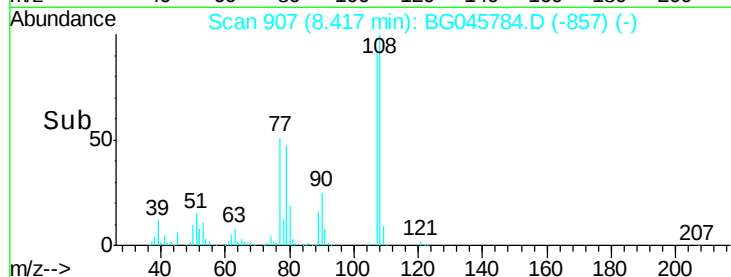
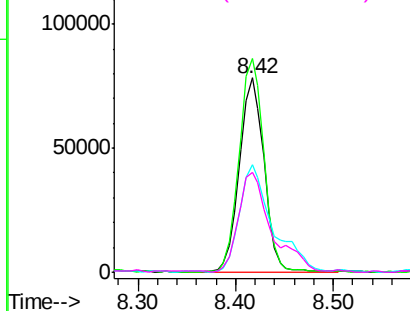
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	87.4	131.0	
77	55.6	42.5	63.7	
79	51.3	44.0	66.0	

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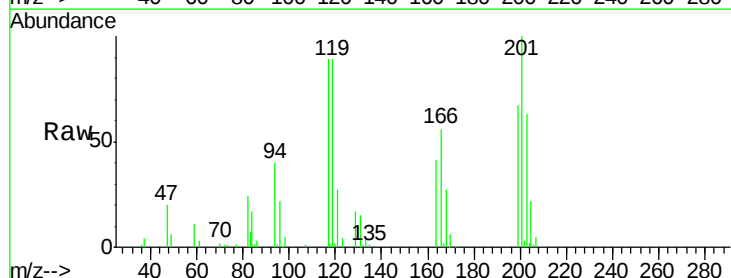


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGO
Ion 79.00 (78.70 to 79.70): BGO

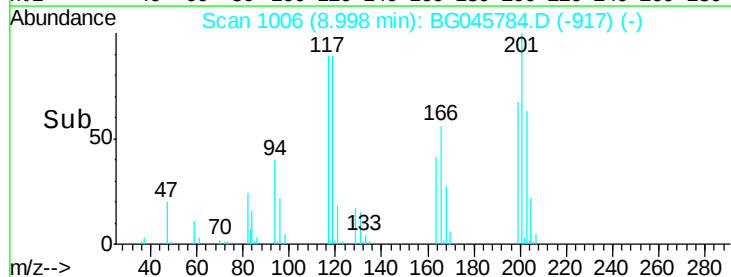
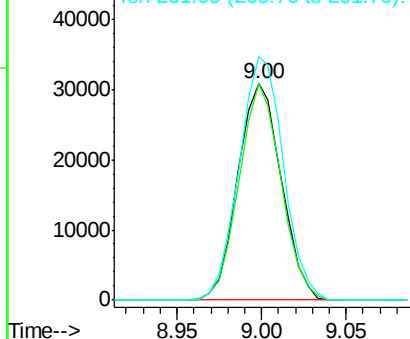


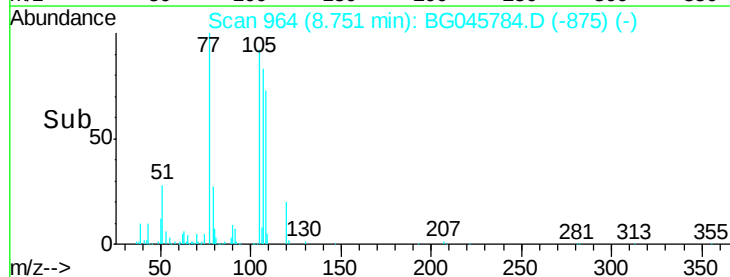
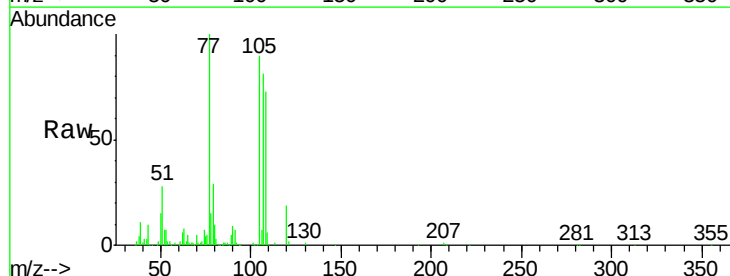
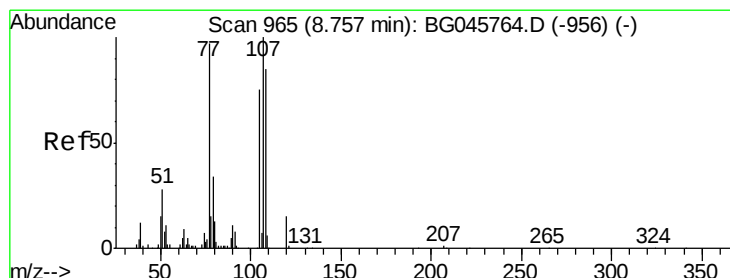
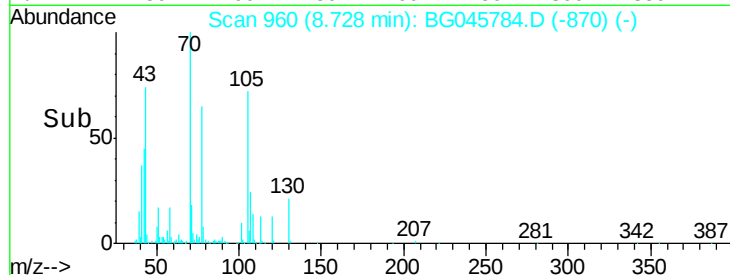
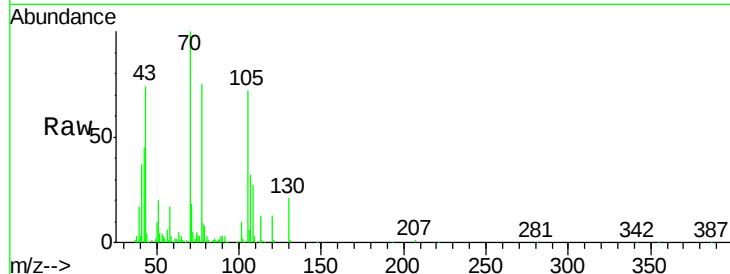
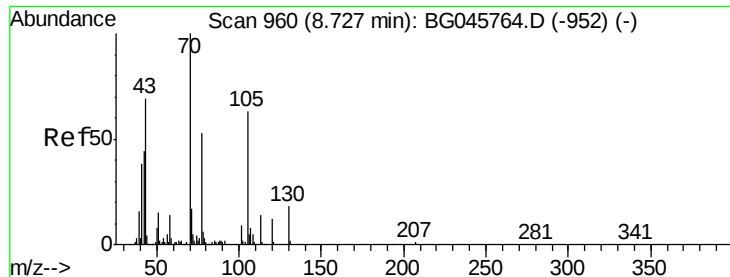
#18
Hexachloroethane
Concen: 40.058 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.8	78.9	118.3	
201	112.4	95.5	143.3	



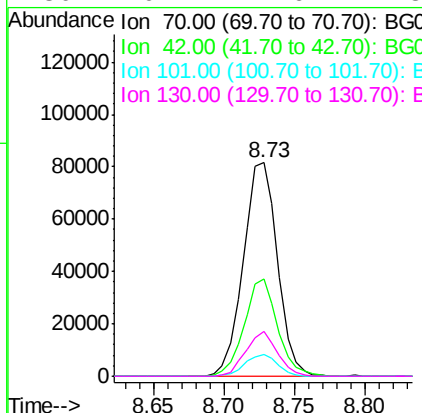
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 48.603 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.4	35.1	52.7	
101	10.3	7.4	11.0	
130	20.7	14.6	21.8	



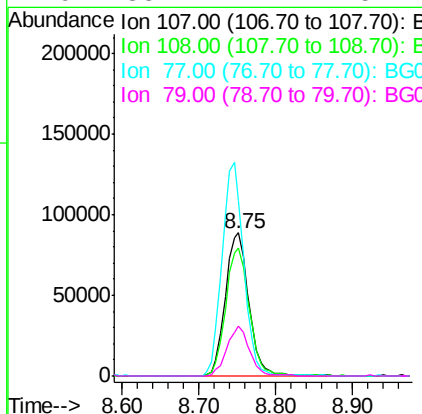
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

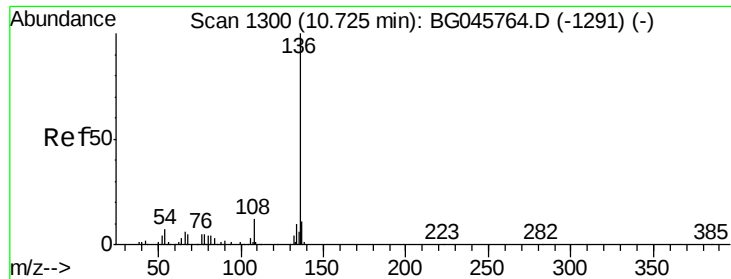
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#20
3+4-Methylphenols
Concen: 46.134 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	65.4	105.4	
77	122.8	77.2	117.2#	
79	35.1	14.2	54.2	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

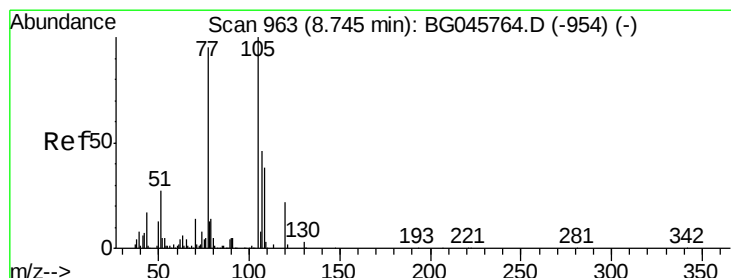
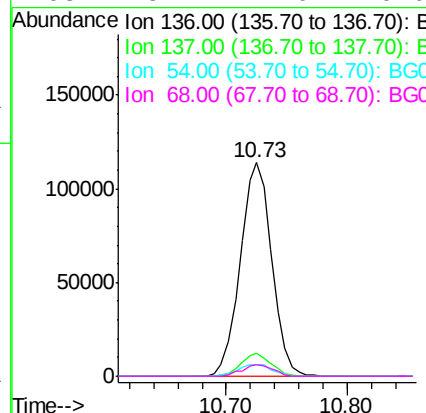
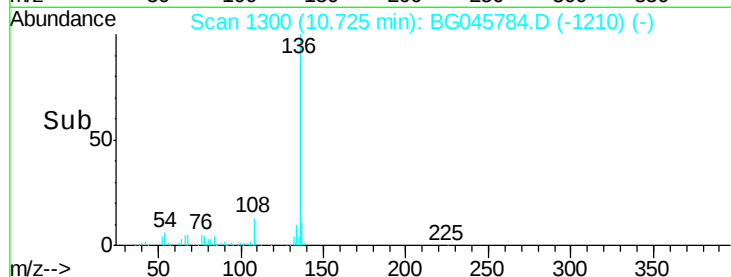
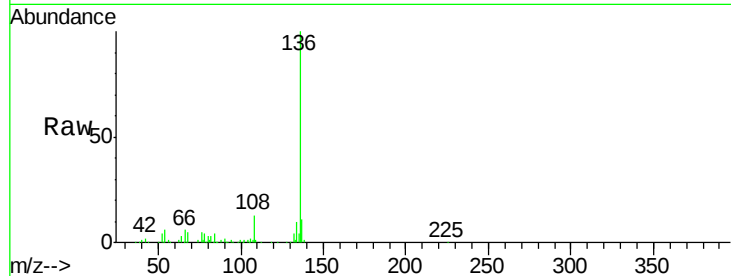
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	206111		
137	10.9		8.7	13.1
54	5.5		5.8	8.6#
68	5.2		4.0	6.0

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#22

Acetophenone

Concen: 40.440 ng

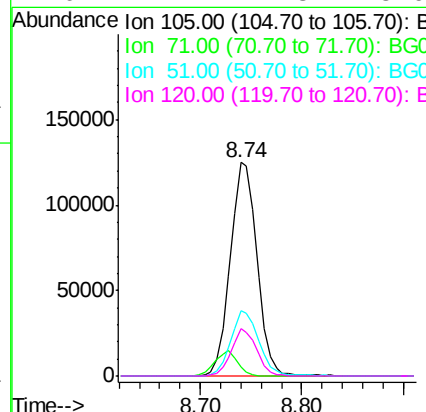
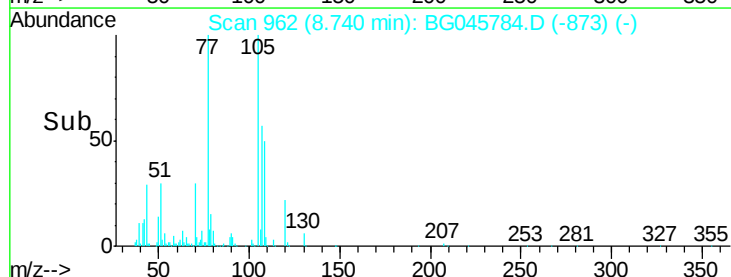
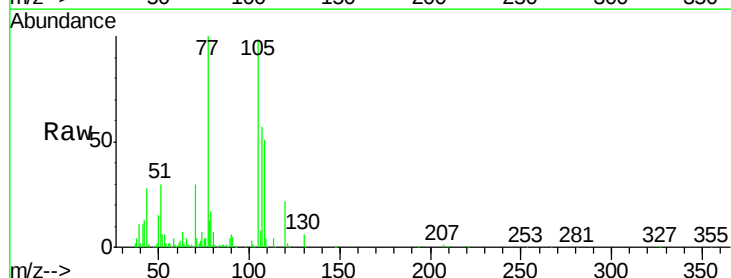
RT: 8.74 min Scan# 962

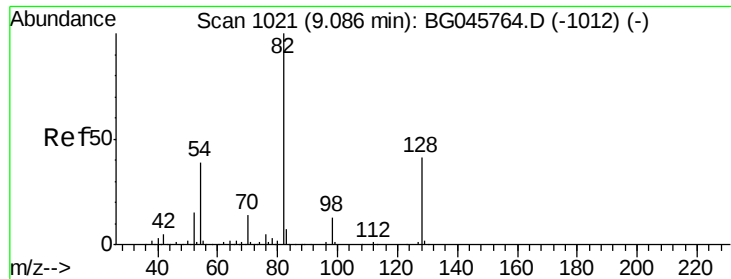
Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228773		
71	4.2		1.8	2.8#
51	30.8		21.9	32.9
120	22.1		17.3	25.9





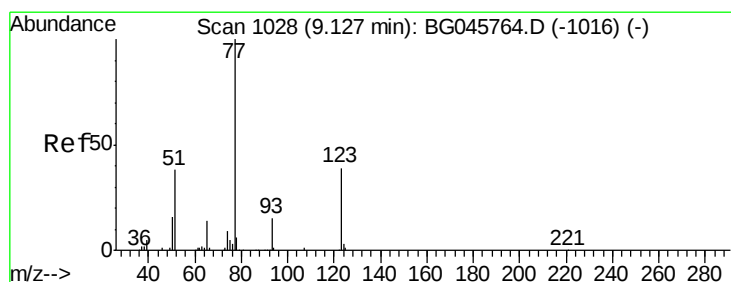
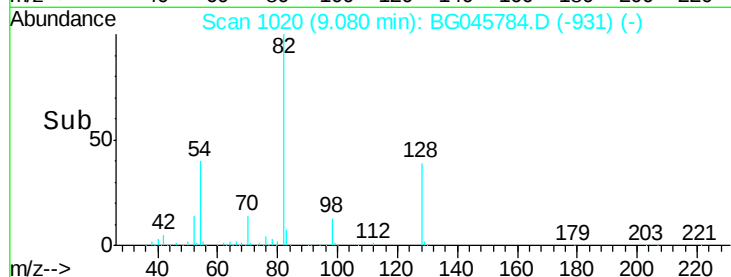
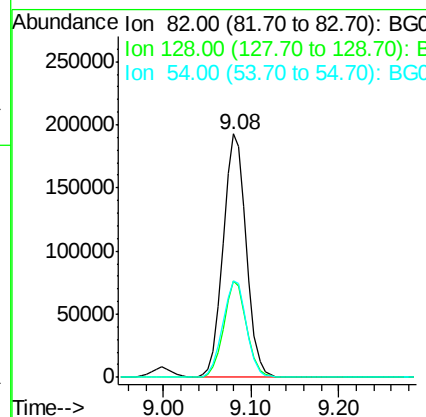
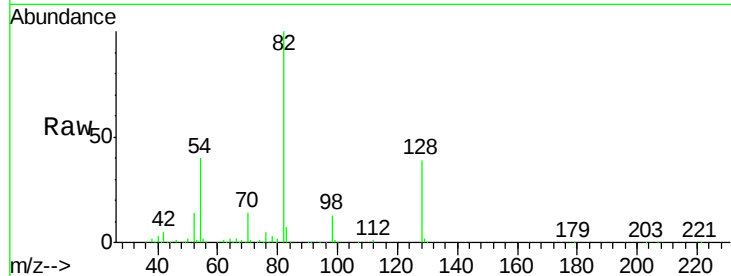
#23
 Nitrobenzene-d5
 Concen: 77.876 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	351357		
128	39.5		32.5	48.7
54	39.6		31.2	46.8

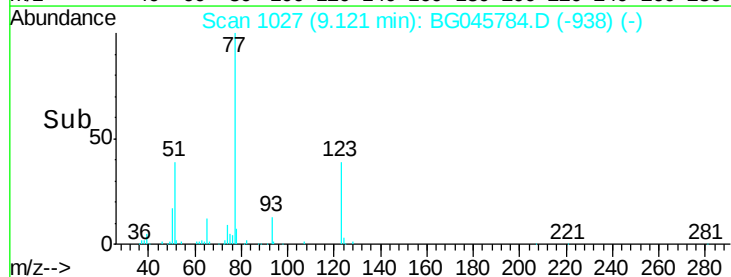
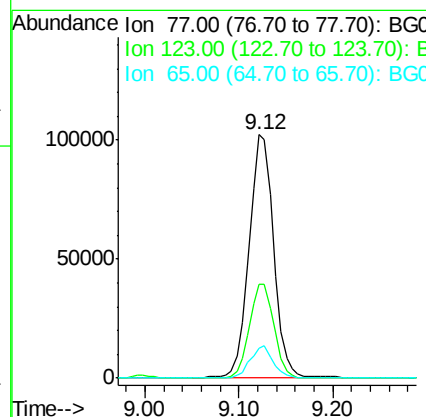
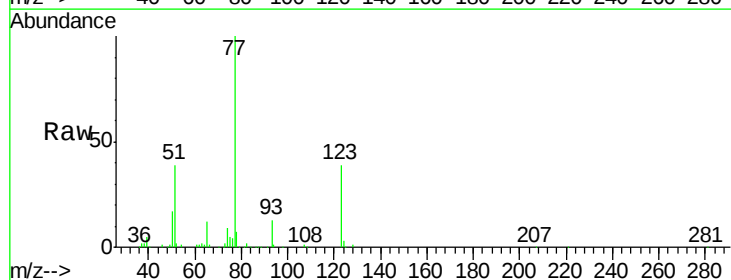
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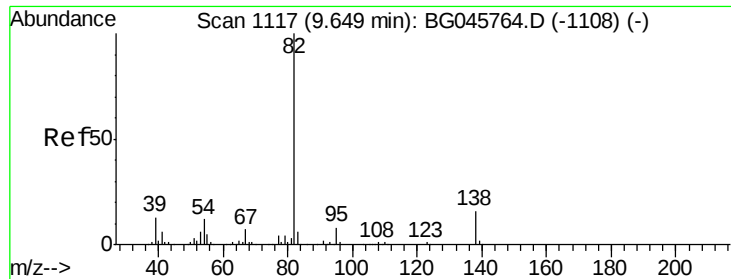
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#24
 Nitrobenzene
 Concen: 38.641 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	185887		
123	38.6		31.2	46.8
65	12.3		11.4	17.2





#25

Isophorone

Concen: 43.922 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

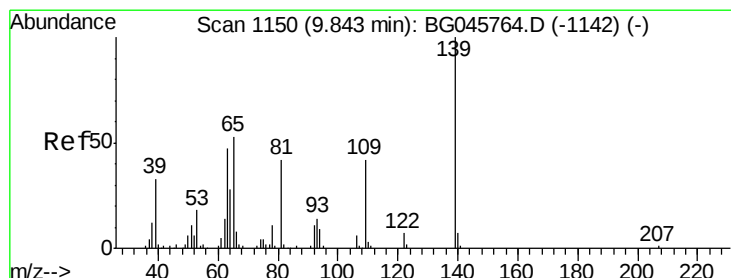
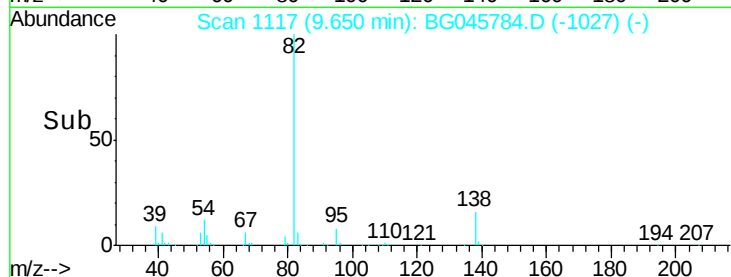
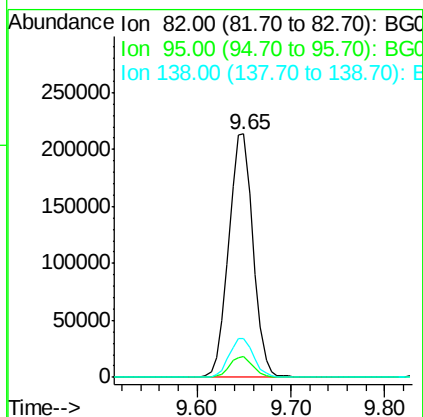
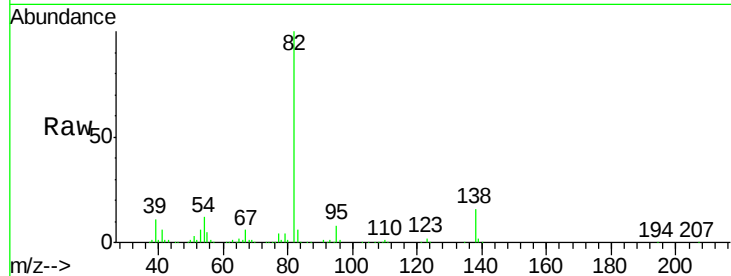
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	383624
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.2	9.4
138	15.8	12.6	18.8

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#26

2-Nitrophenol

Concen: 41.495 ng

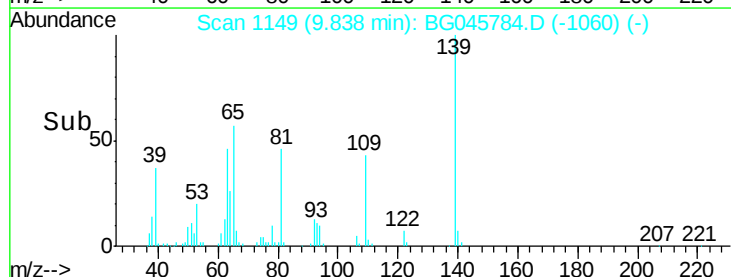
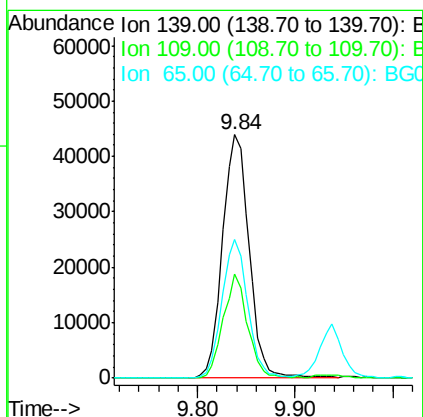
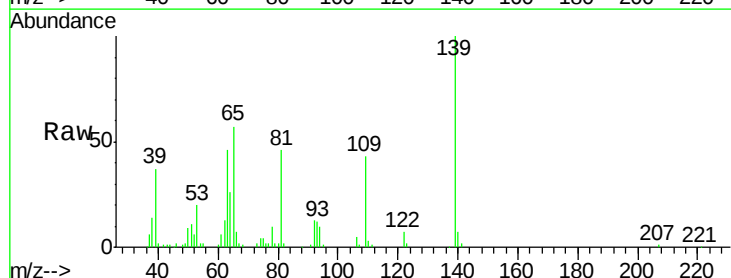
RT: 9.84 min Scan# 1149

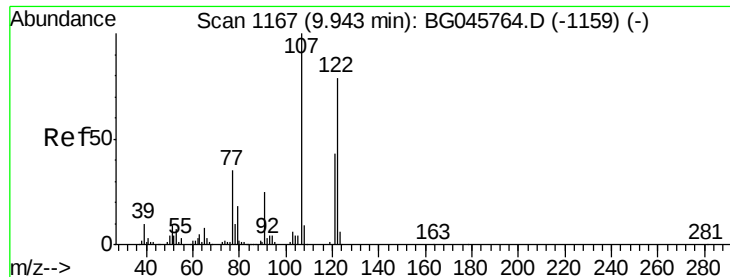
Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	139	Resp:	83163
Ion Ratio	Lower	Upper	
139	100		
109	42.7	33.5	50.3
65	56.9	42.2	63.4





#27

2,4-Dimethylphenol

Concen: 42.175 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

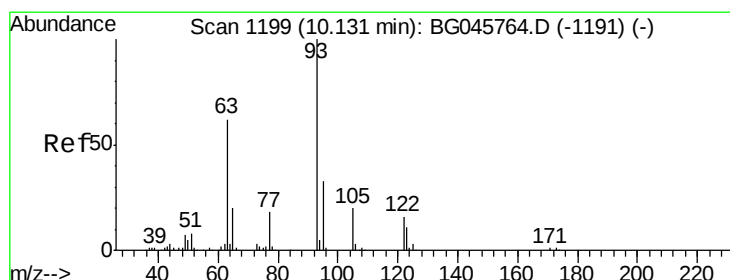
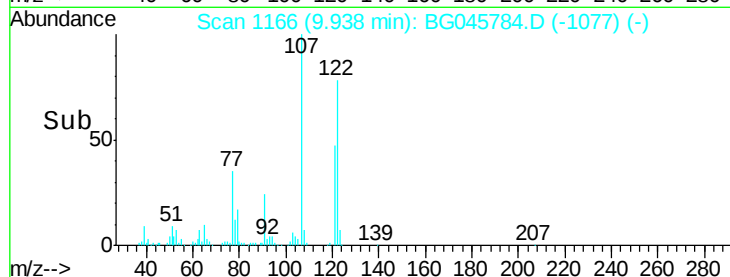
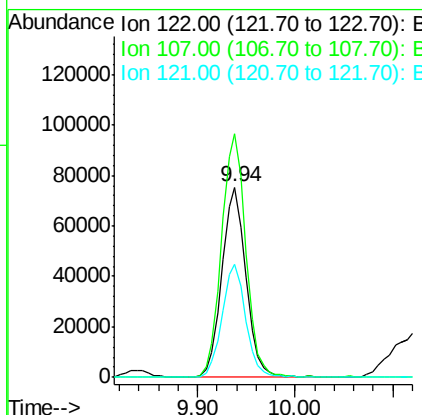
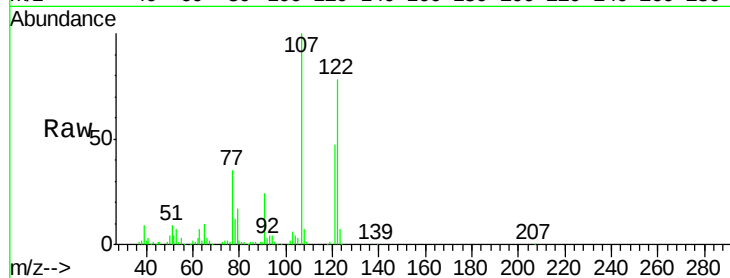
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	129049
Ion Ratio	Lower	Upper	
122	100		
107	128.2	101.3	151.9
121	59.9	43.9	65.9

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#28

bis(2-Chloroethoxy)methane

Concen: 42.647 ng

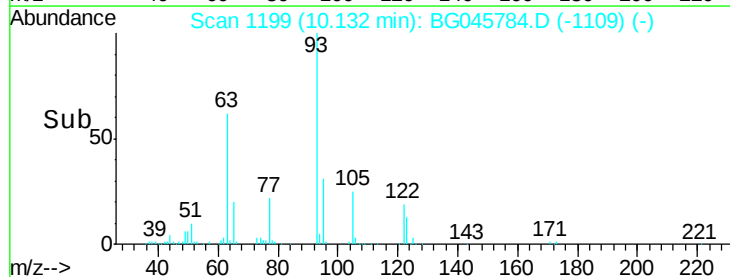
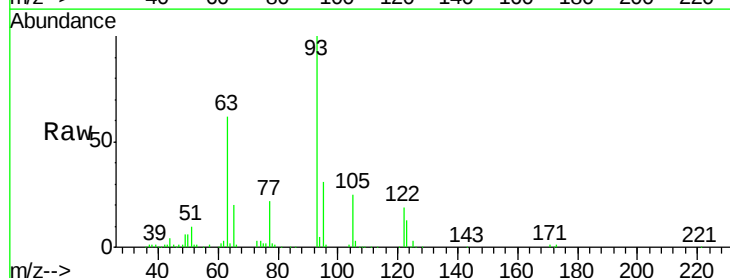
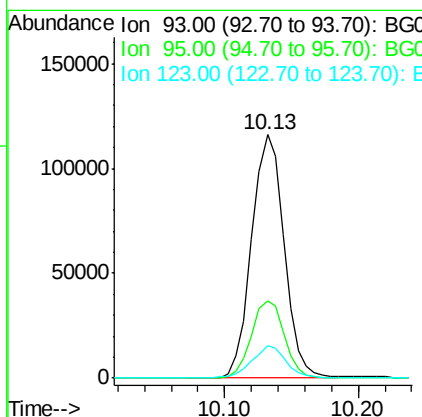
RT: 10.13 min Scan# 1199

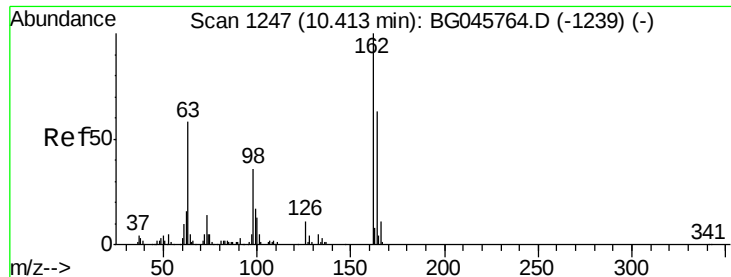
Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	93	Resp:	194572
Ion Ratio	Lower	Upper	
93	100		
95	31.5	26.3	39.5
123	13.3	9.3	13.9





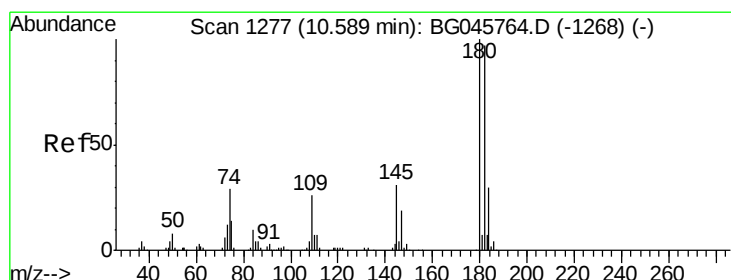
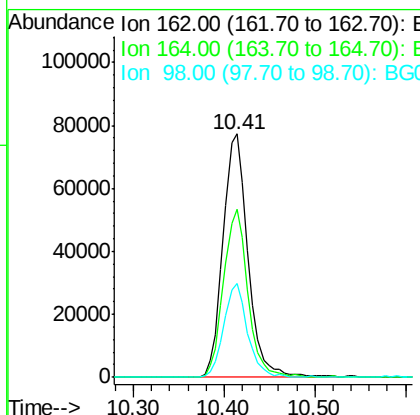
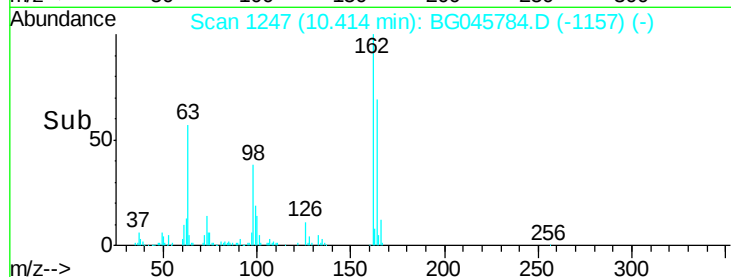
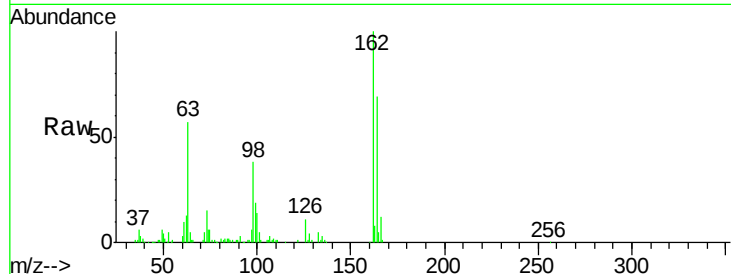
#29
 2,4-Dichlorophenol
 Concen: 41.472 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	148053		
164	68.8	43.3	83.3	
98	38.3	15.5	55.5	

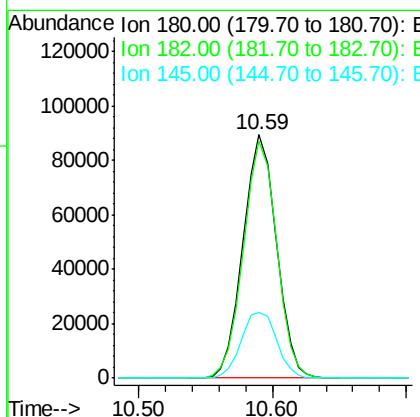
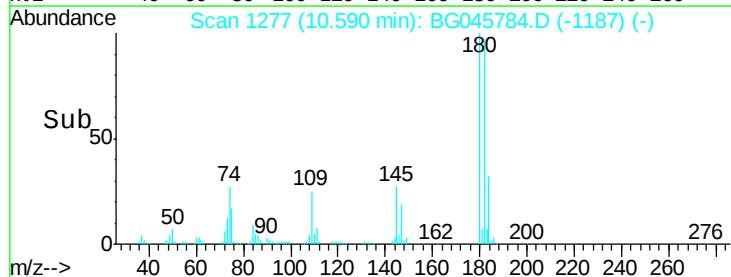
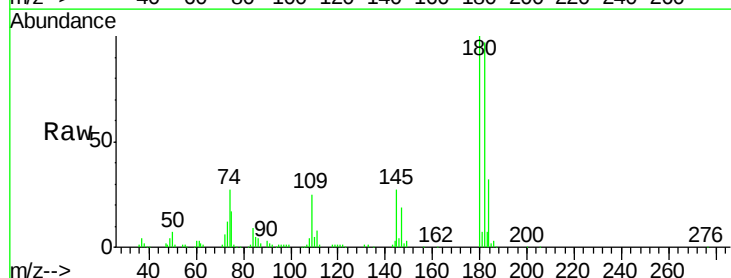
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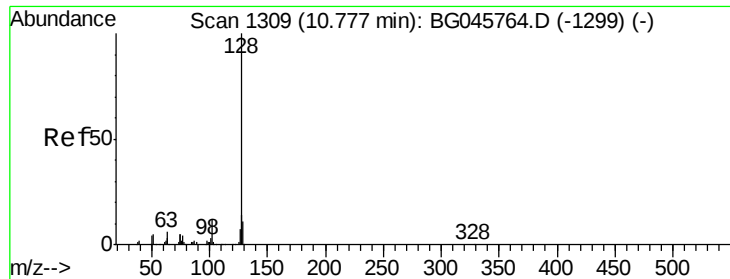
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.748 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	155308		
182	97.4	77.8	116.6	
145	27.0	24.5	36.7	





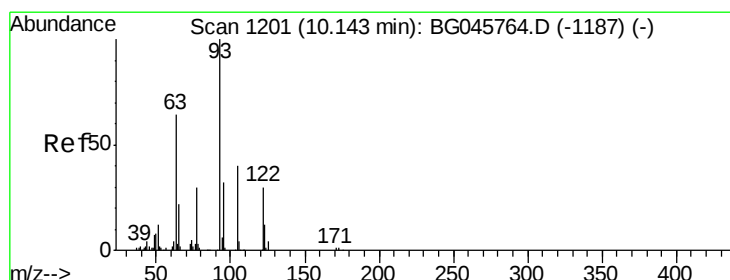
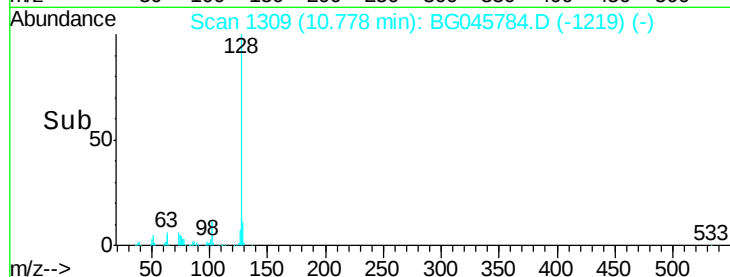
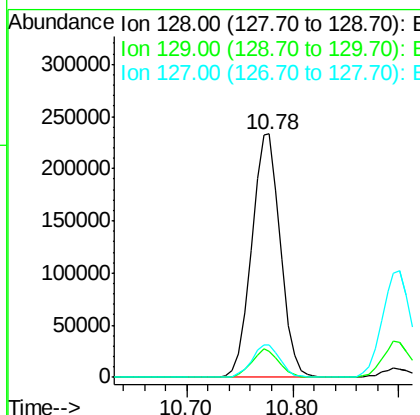
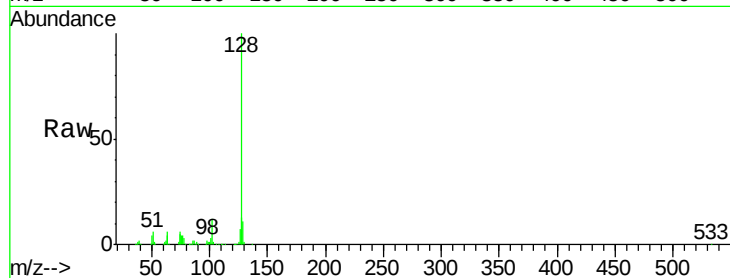
#31
Naphthalene
Concen: 39.005 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.3	10.9	16.3

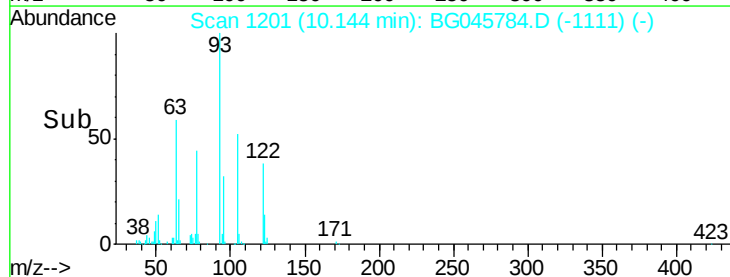
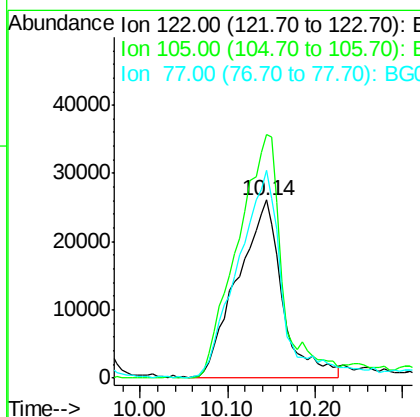
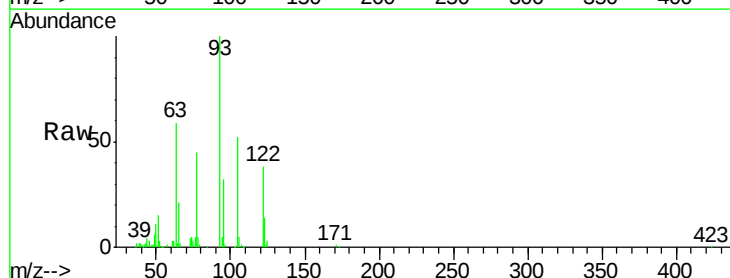
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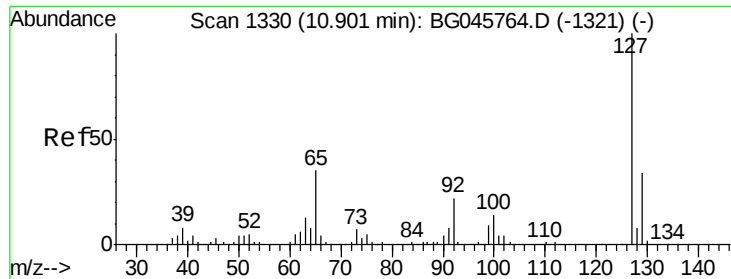
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#32
Benzoic acid
Concen: 46.659 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.0	112.9	152.9
77	116.8	79.2	119.2





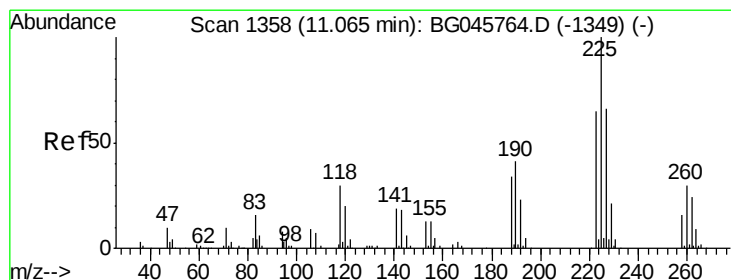
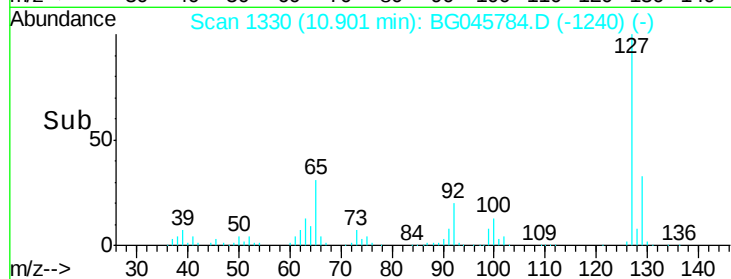
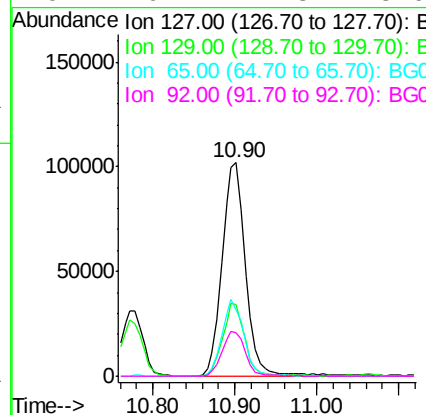
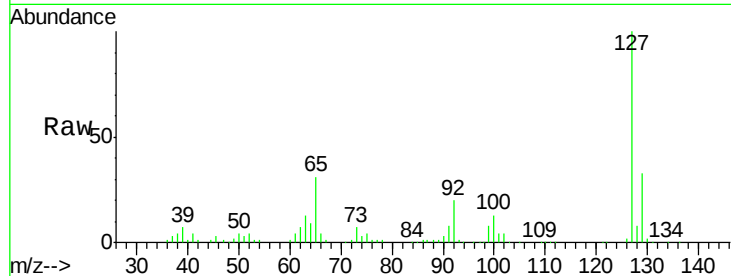
#33
4-Chloroaniline
Concen: 43.100 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.8	40.2		
65	31.3	27.8	41.8		
92	20.2	17.3	25.9		

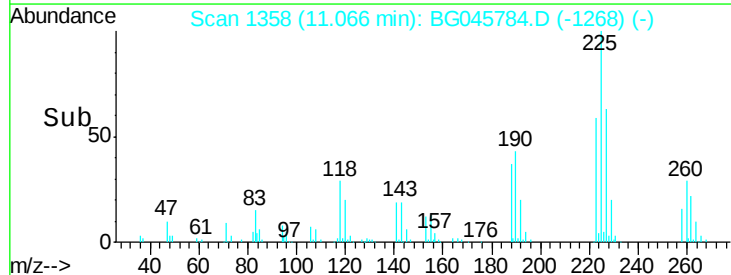
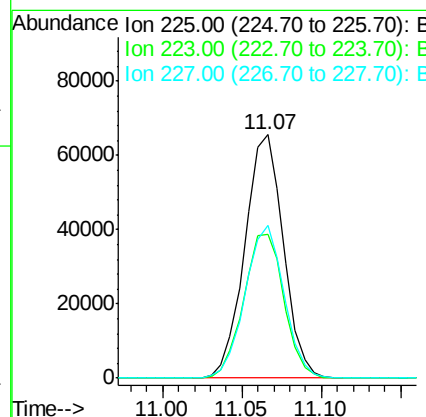
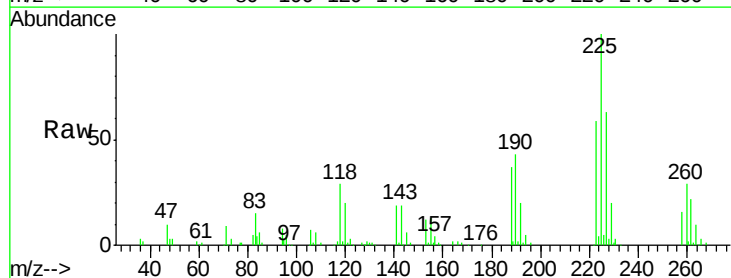
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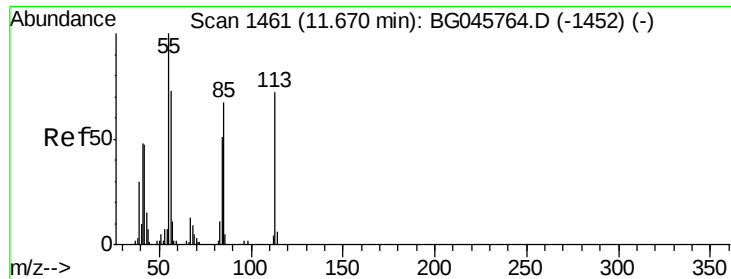
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#34
Hexachlorobutadiene
Concen: 36.837 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.1	52.0	78.0		
227	62.6	52.5	78.7		





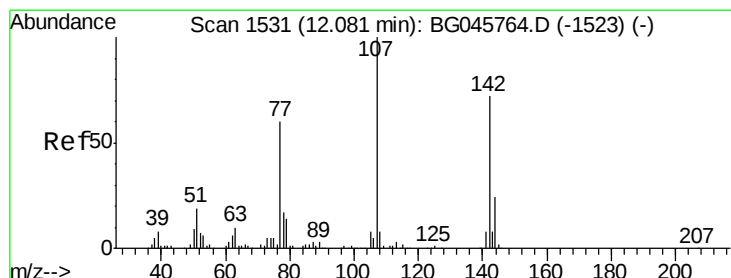
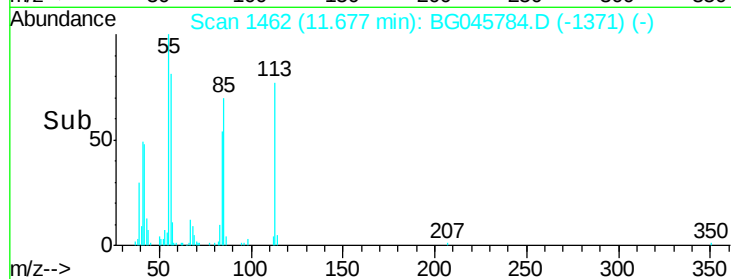
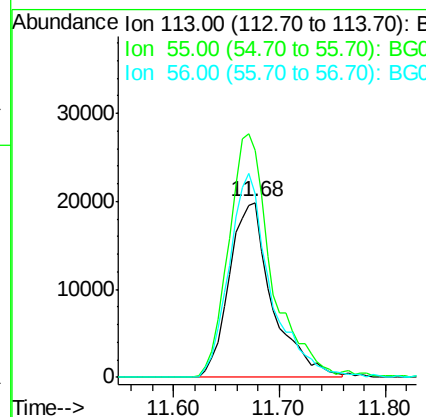
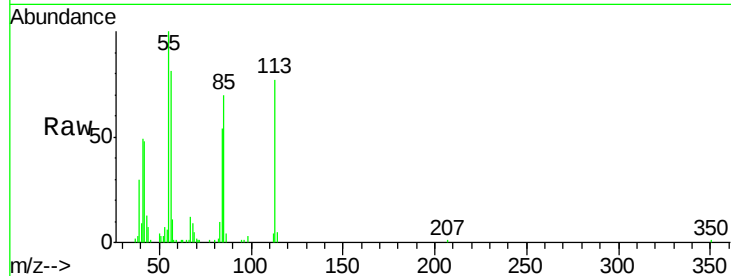
#35
 Caprolactam
 Concen: 48.422 ng
 RT: 11.68 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	129.4	119.7	159.7
56	105.1	82.5	122.5

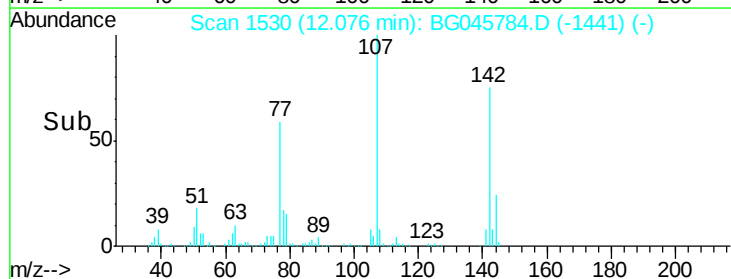
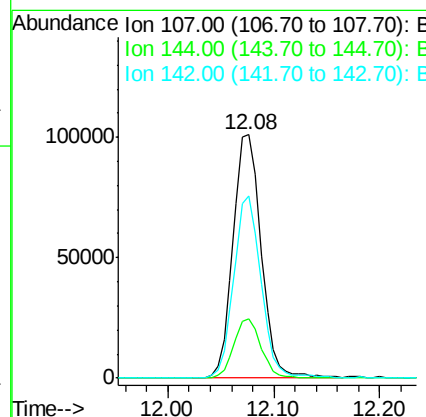
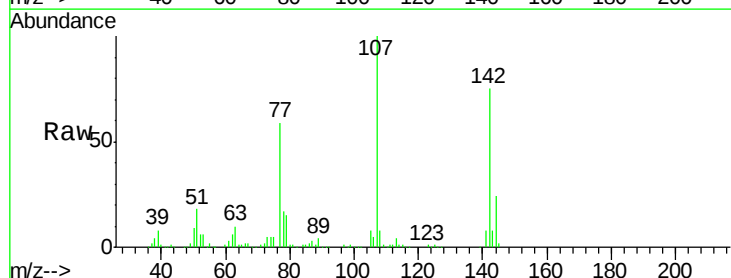
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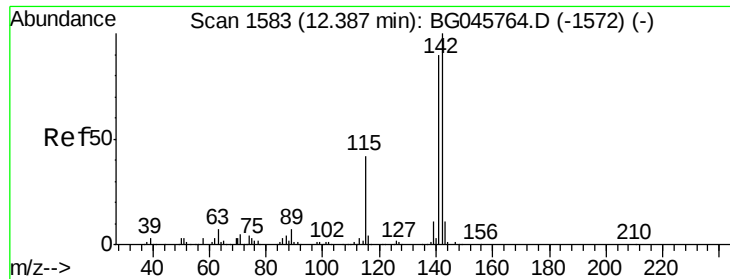
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 45.285 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.5	29.3
142	74.8	57.4	86.0





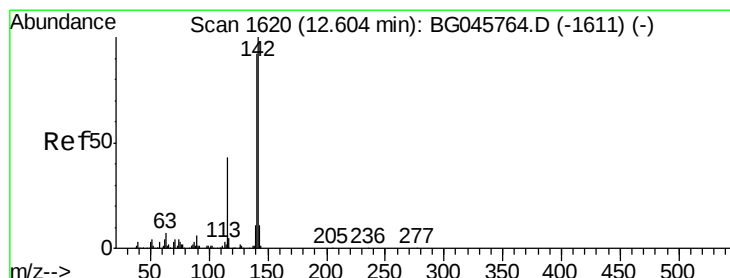
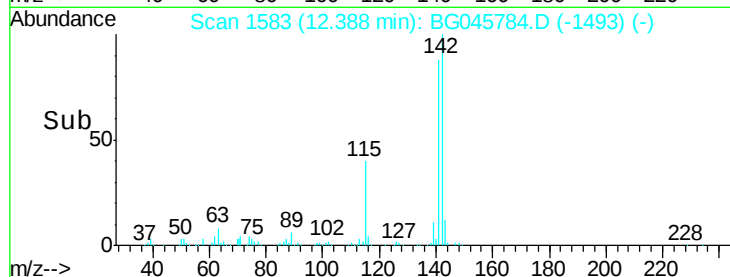
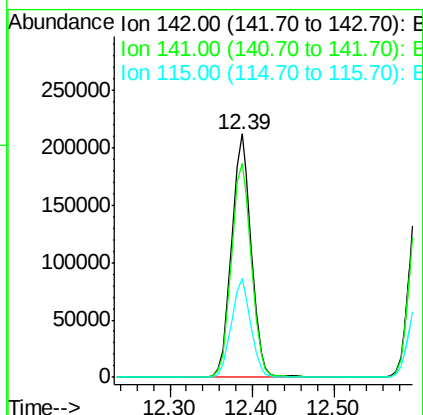
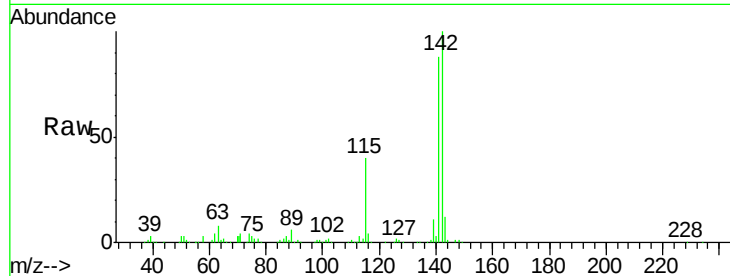
#37
2-Methylnaphthalene
Concen: 42.248 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	40.5	33.8	50.6

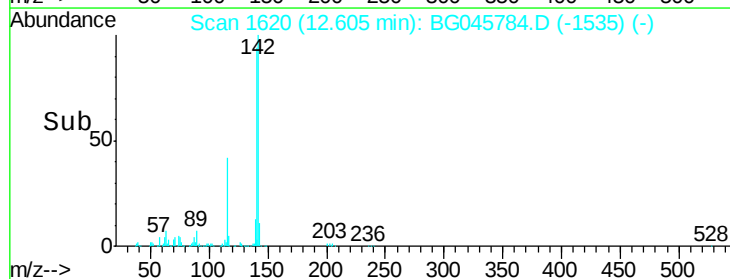
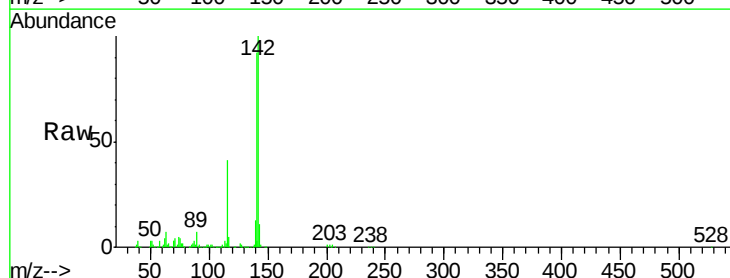
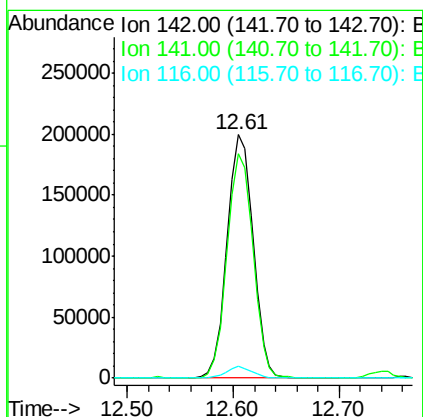
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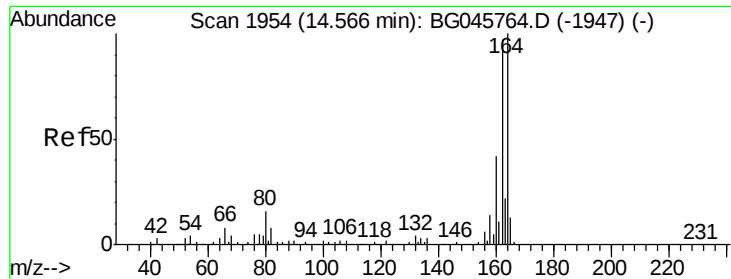
mohammad
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#38
1-Methylnaphthalene
Concen: 42.628 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.8
116	5.1	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

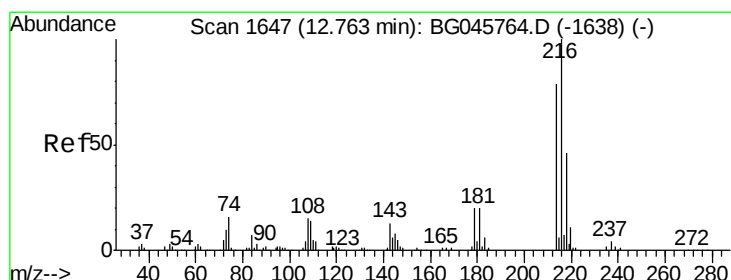
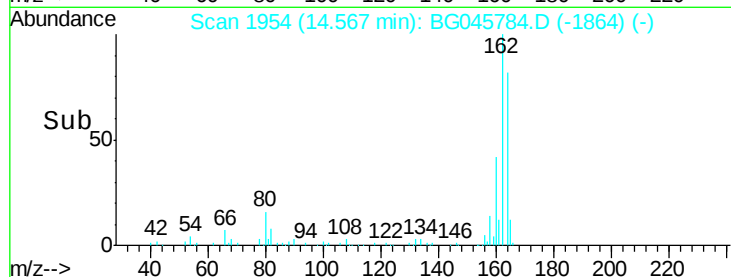
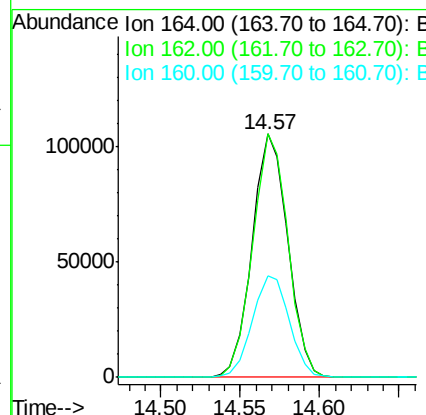
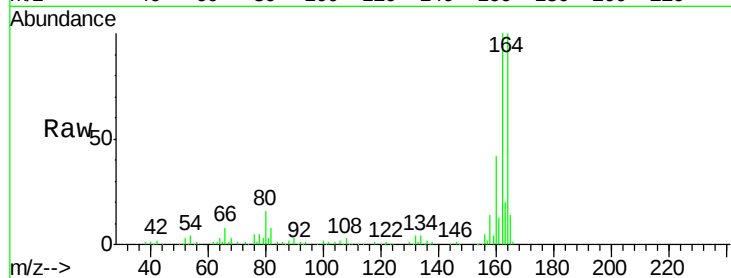
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	164920
Ion Ratio	Lower	Upper	
164	100		
162	99.9	77.4	116.0
160	41.9	33.3	49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.345 ng

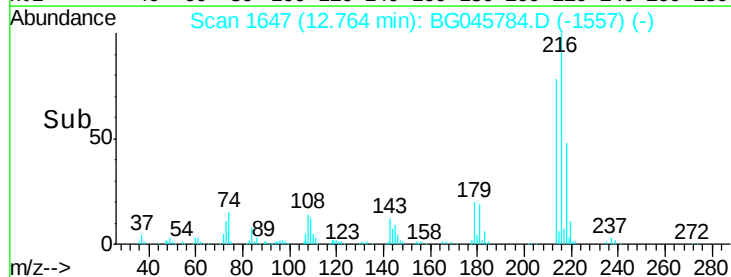
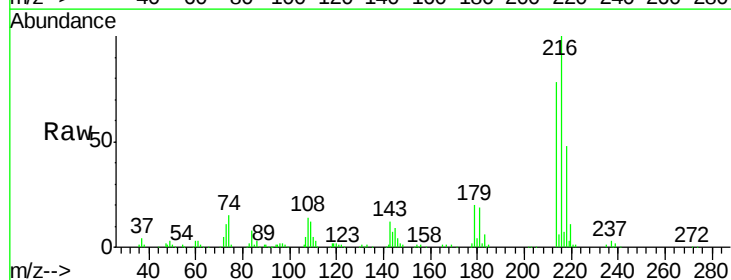
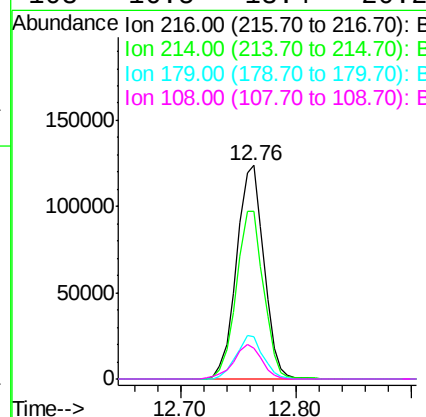
RT: 12.76 min Scan# 1647

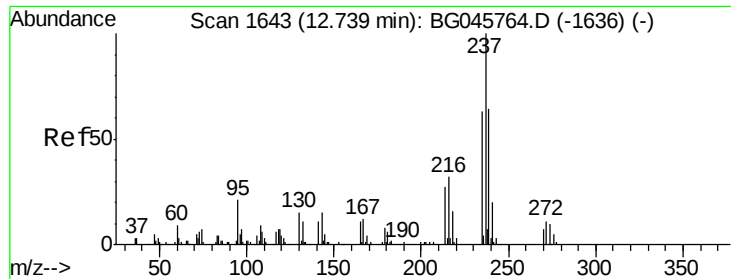
Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	216	Resp:	202801
Ion Ratio	Lower	Upper	
216	100		
214	78.6	62.8	94.2
179	20.1	16.2	24.4
108	16.5	13.4	20.2





#41

Hexachlorocyclopentadiene

Concen: 33.369 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

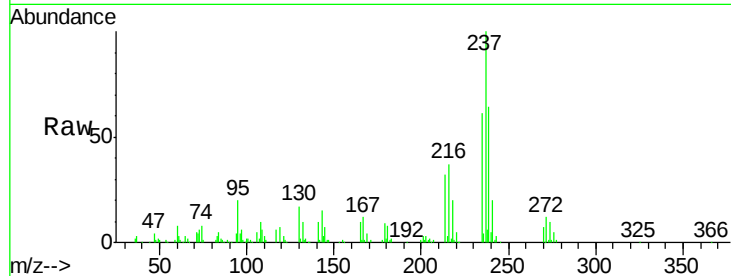
ClientSampleId :

SSTDCCC040

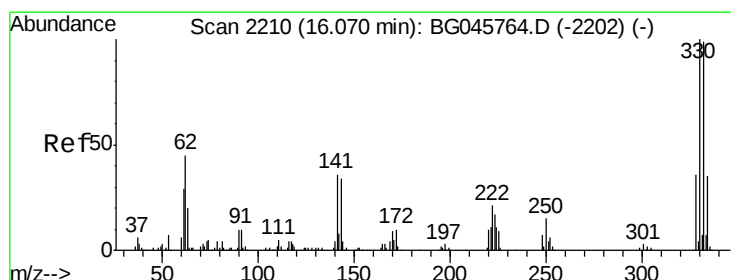
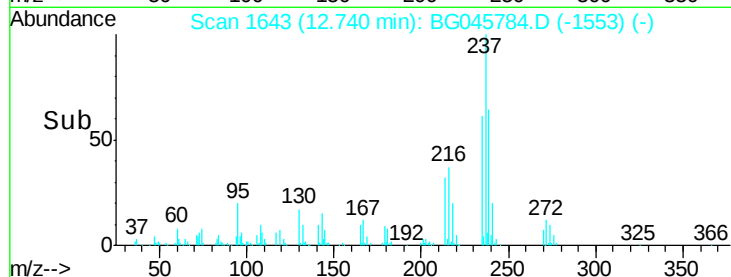
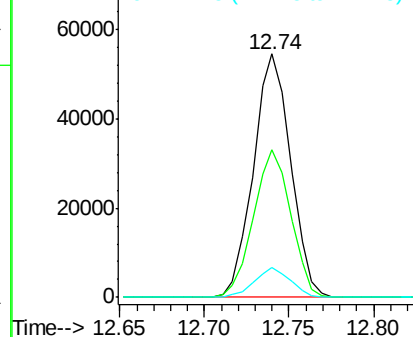
Tot Ion:	237	Resp:	83641
Ion Ratio	Lower	Upper	
237	100		
235	60.9	42.9	82.9
272	12.1	0.0	30.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.022 ng

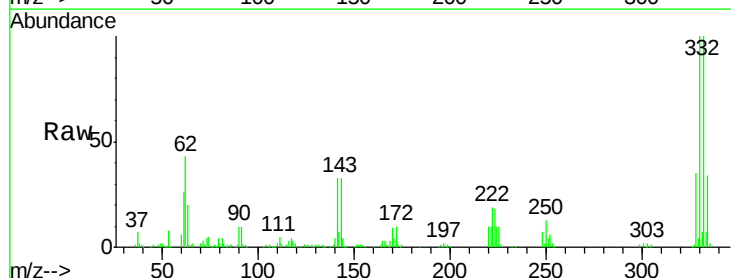
RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

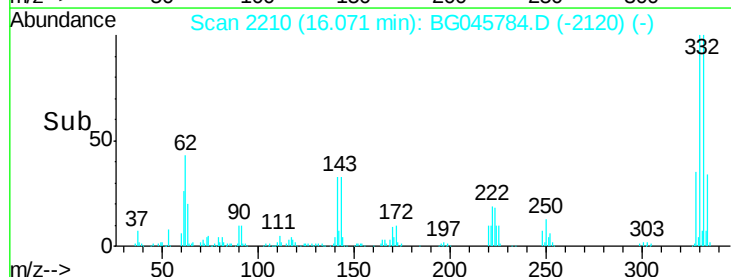
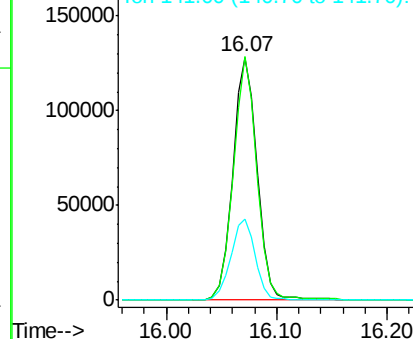
Lab File: BG045784.D

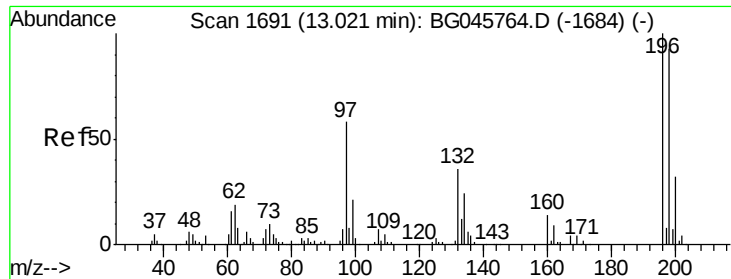
Acq: 17 Jun 2020 10:33

Tgt Ion:	330	Resp:	196754
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.6	117.8
141	33.5	28.2	42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





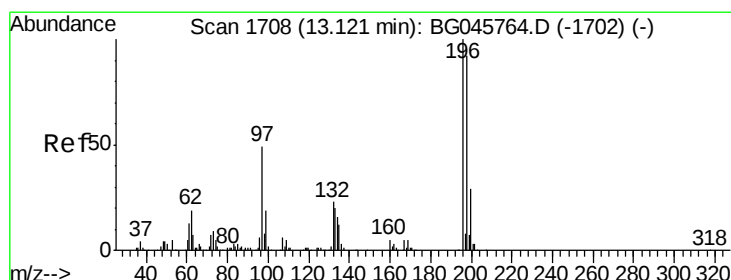
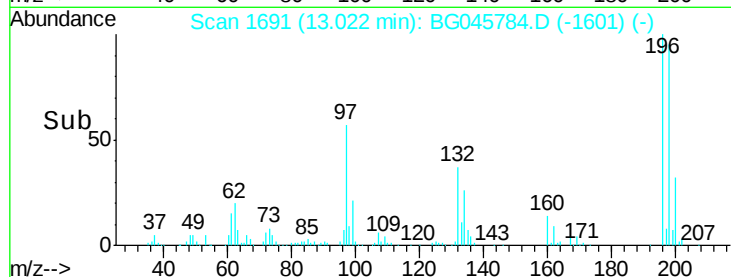
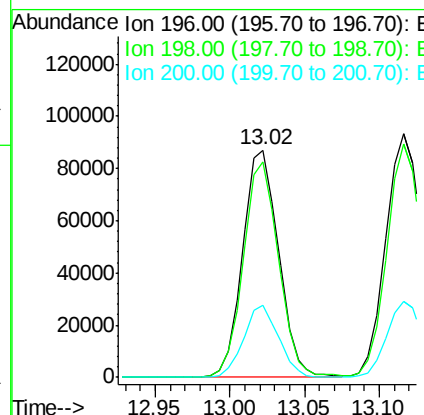
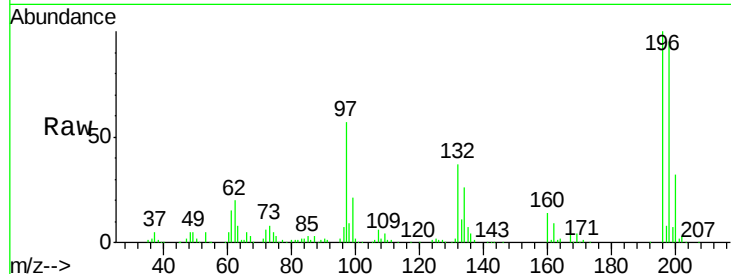
#43
 2,4,6-Trichlorophenol
 Concen: 39.406 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:	196	Resp:	145088
Ion Ratio	Lower	Upper	
196	100		
198	94.9	74.4	111.6
200	31.7	25.4	38.2

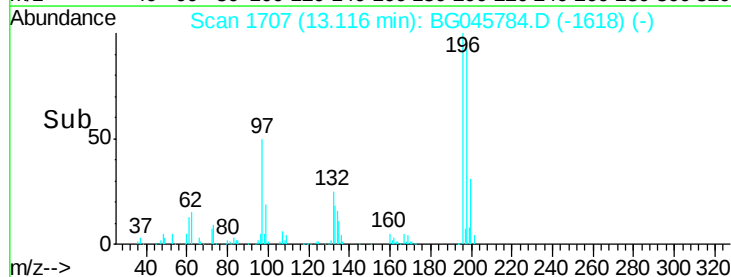
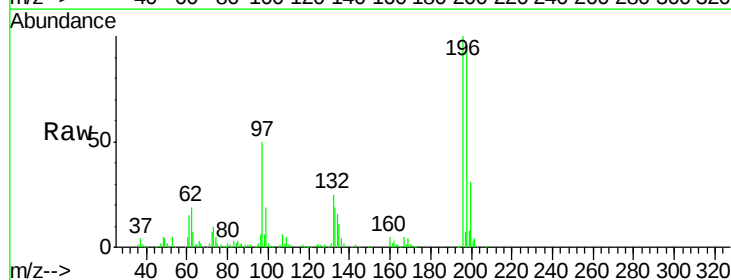
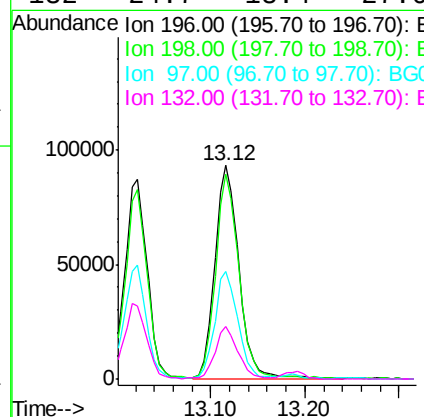
Manual Integrations
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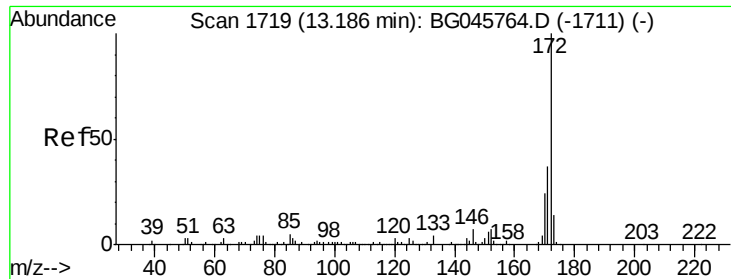
mohammad
 6/19/2020 9:24:18 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.813 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Tgt Ion:	196	Resp:	167067
Ion Ratio	Lower	Upper	
196	100		
198	95.9	74.0	111.0
97	50.1	39.0	58.6
132	24.7	18.4	27.6





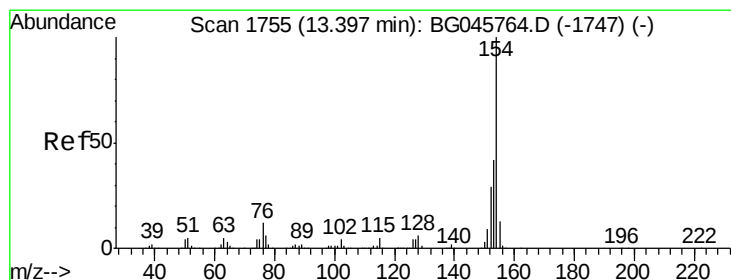
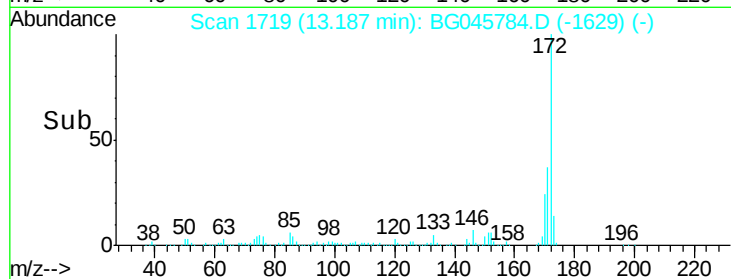
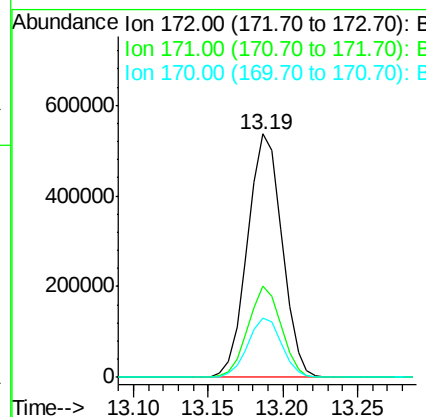
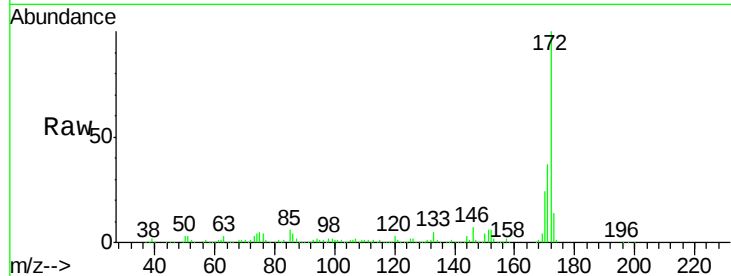
#45
2-Fluorobiphenyl
Concen: 76.503 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	24.3	19.3	28.9

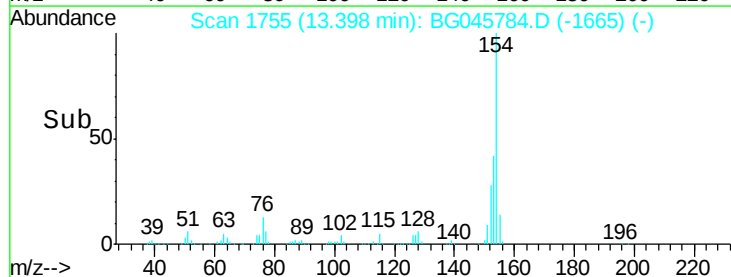
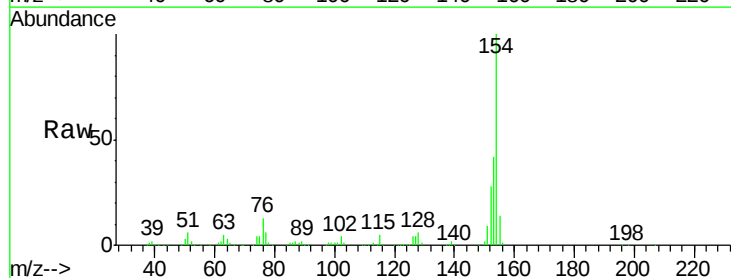
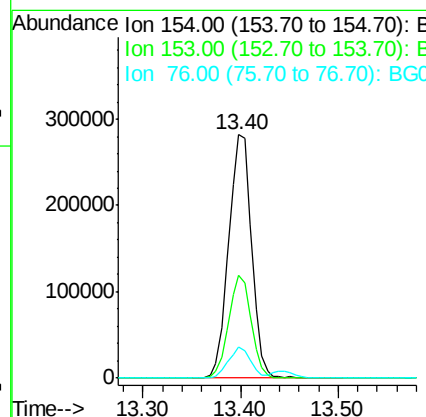
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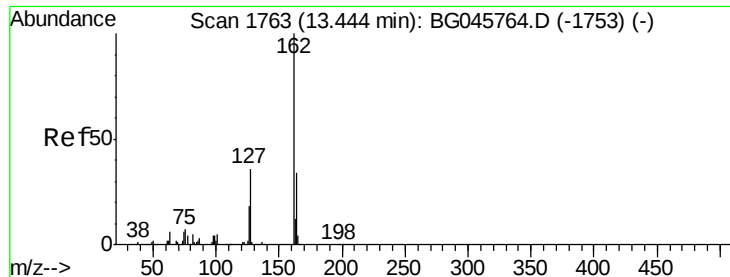
mohammad
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#46
1,1'-Biphenyl
Concen: 38.811 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.7	61.7
76	13.0	0.0	32.0





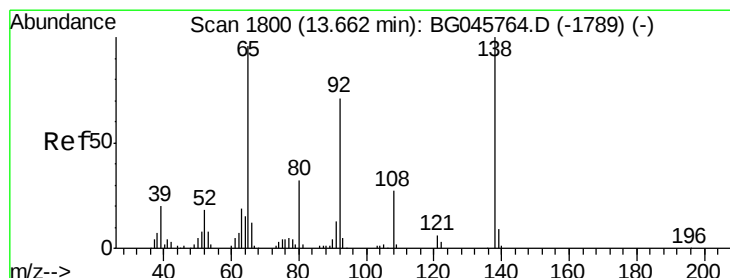
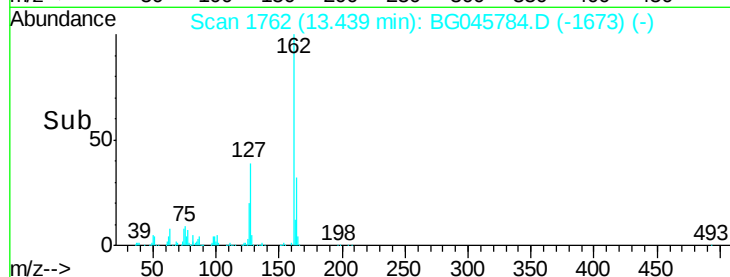
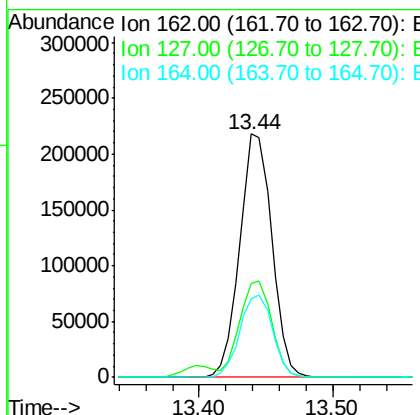
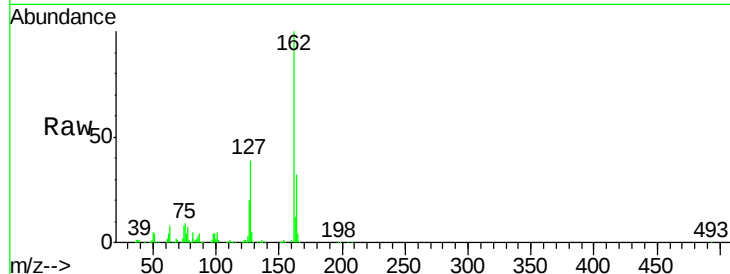
#47
2-Chloronaphthalene
Concen: 38.061 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.5	45.7
164	32.1	27.2	40.8

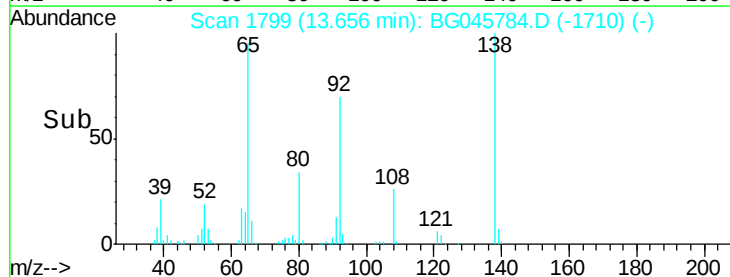
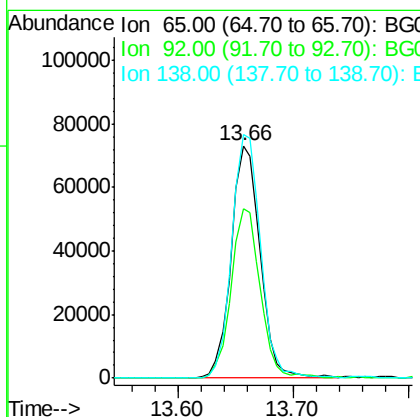
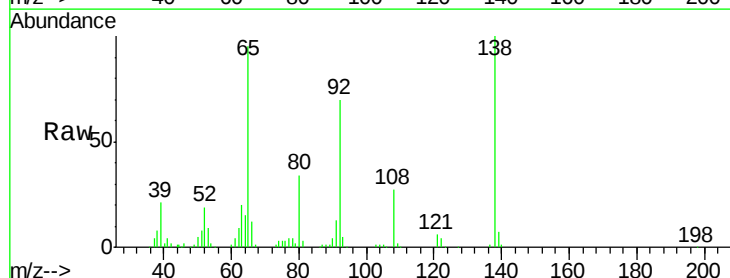
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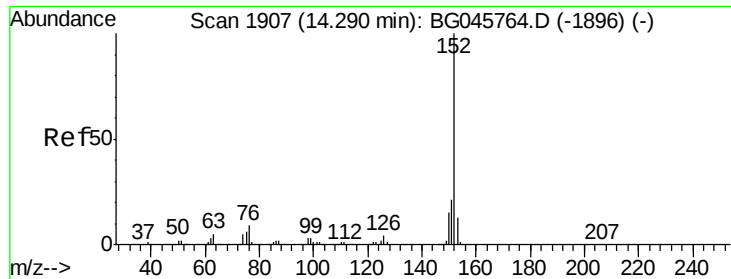
mohammad
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#48
2-Nitroaniline
Concen: 40.108 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	59.0	88.6
138	104.7	83.6	125.4





#49

Acenaphthylene

Concen: 38.769 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

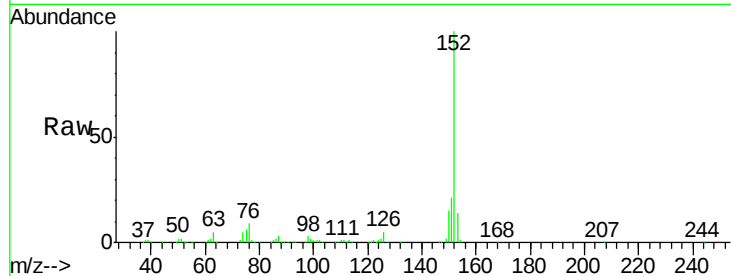
ClientSampleId :

SSTDCCC040

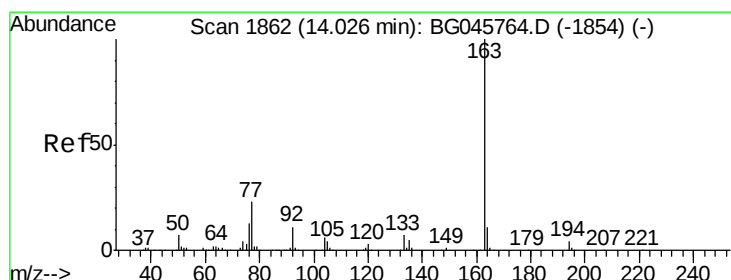
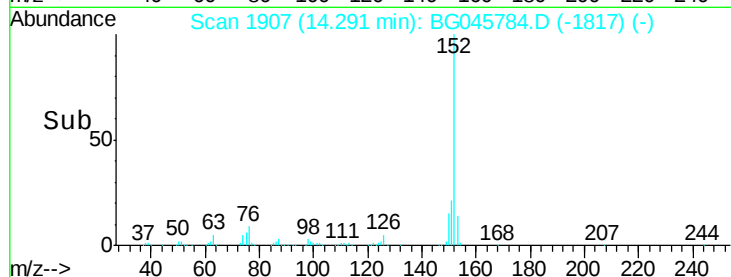
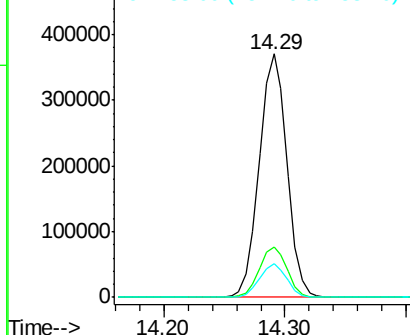
Tot Ion:	152	Resp:	592272
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.0	25.4
153	14.0	10.6	15.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.921 ng

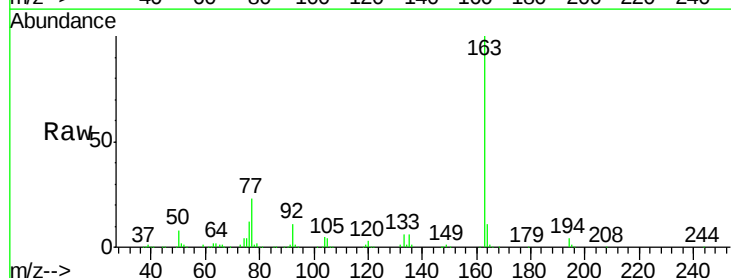
RT: 14.03 min Scan# 1862

Delta R.T. 0.00 min

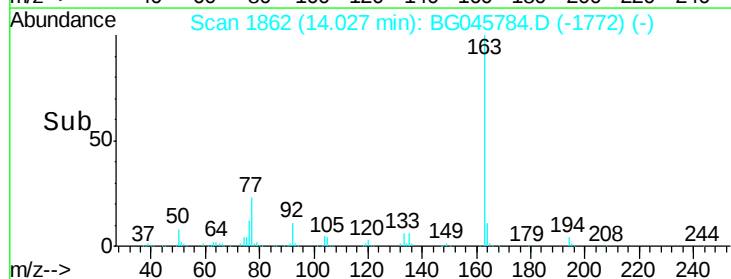
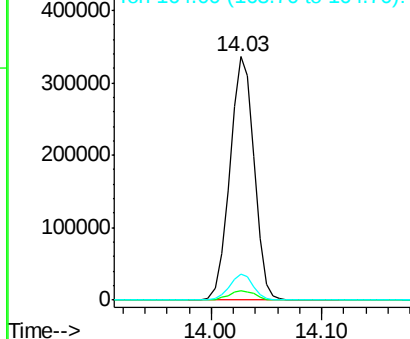
Lab File: BG045784.D

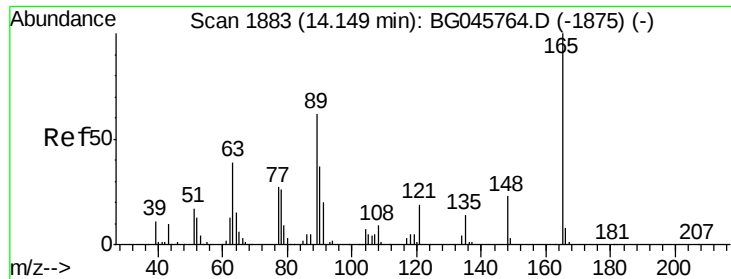
Acq: 17 Jun 2020 10:33

Tgt Ion:	163	Resp:	515766
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.8	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.806 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

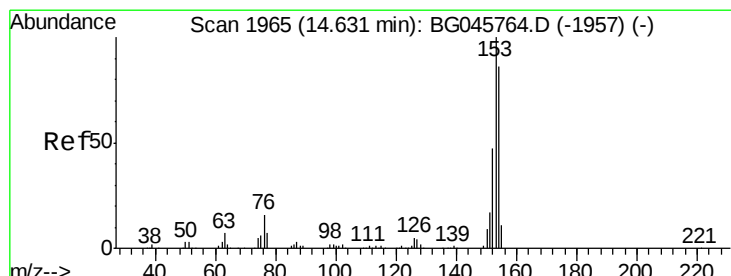
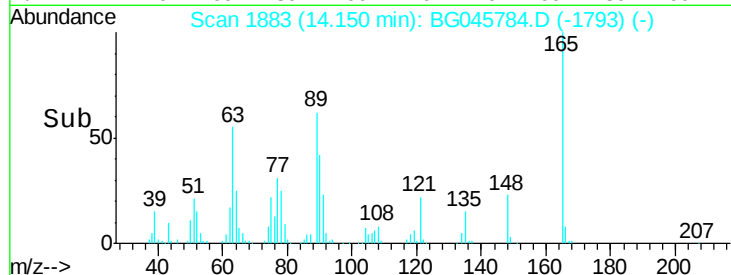
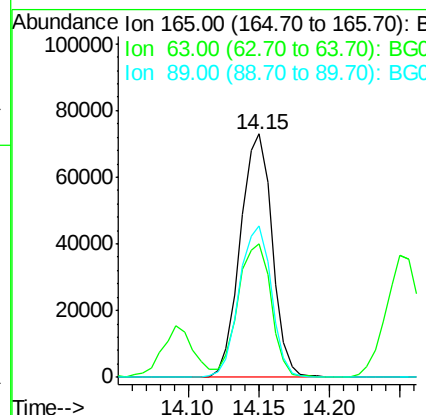
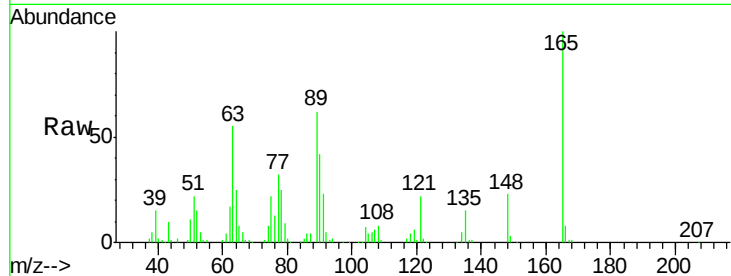
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	115510
Ion Ratio	Lower	Upper	
165	100		
63	54.9	41.2	61.8
89	62.5	49.7	74.5

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#52

Acenaphthene

Concen: 39.092 ng

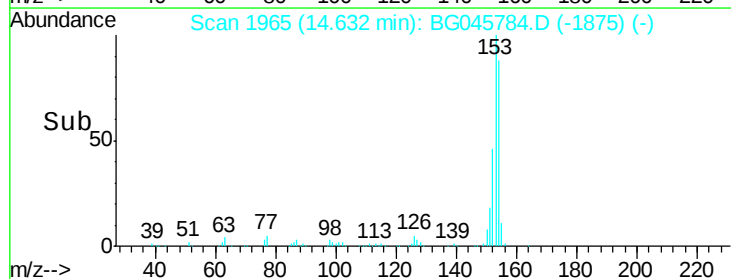
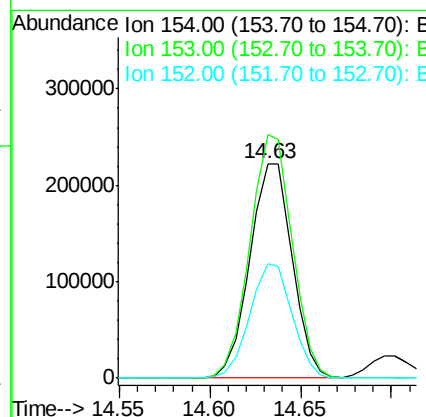
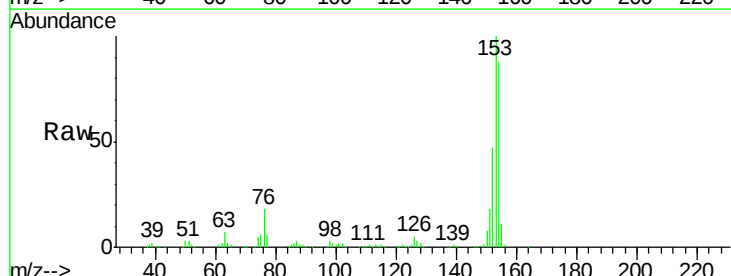
RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	154	Resp:	361996
Ion Ratio	Lower	Upper	
154	100		
153	113.5	93.0	139.4
152	53.4	43.7	65.5





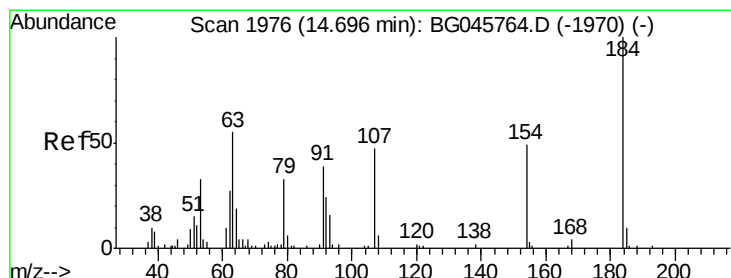
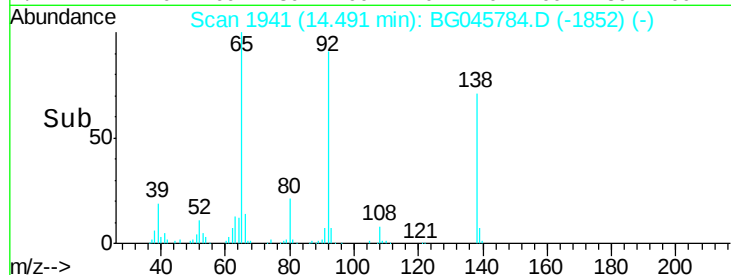
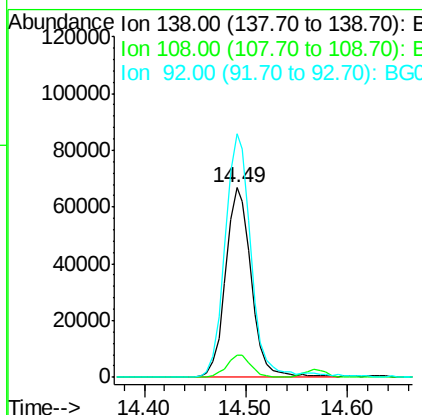
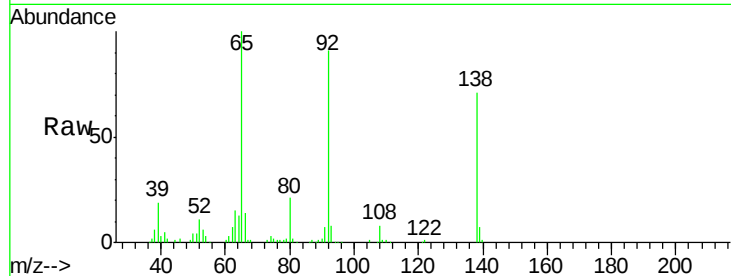
#53
3-Nitroaniline
Concen: 40.607 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.4	12.6
92	128.6	95.6	143.4

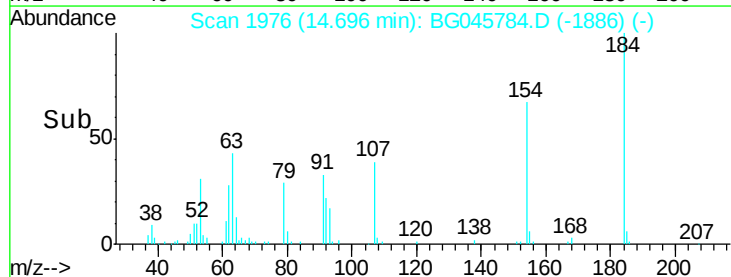
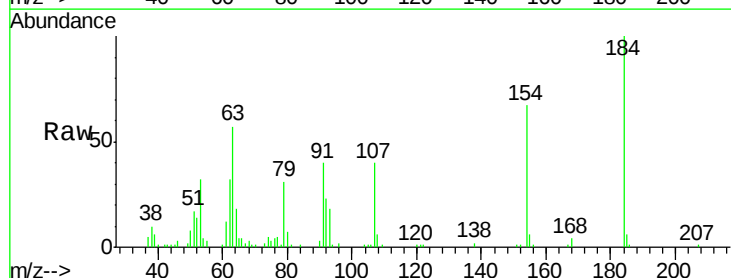
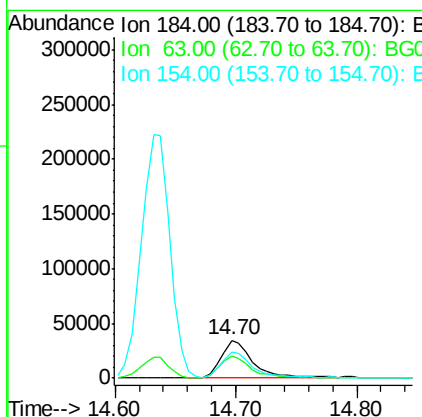
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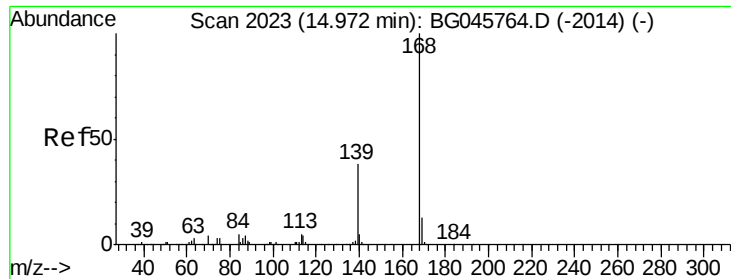
mohammad
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#54
2,4-Dinitrophenol
Concen: 44.135 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	46.6	70.0
154	67.0	58.6	87.8





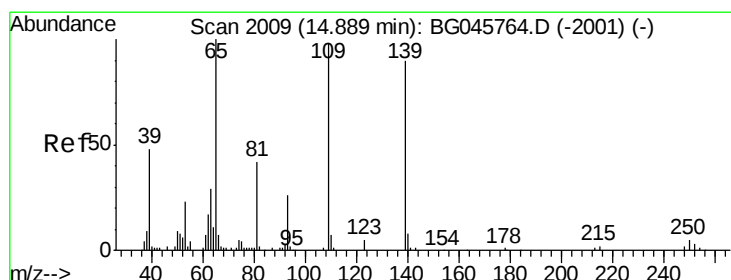
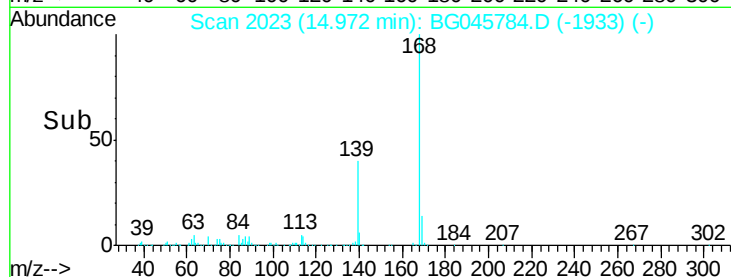
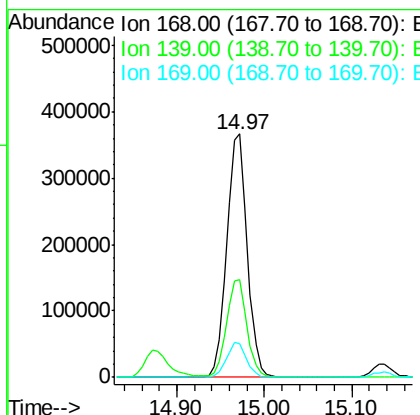
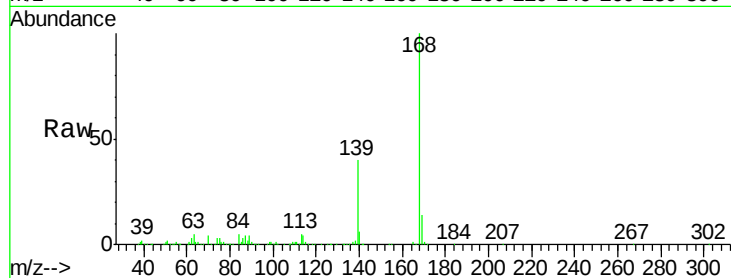
#55
Dibenzenofuran
Concen: 38.989 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	31.8	47.6
169	13.6	10.4	15.6

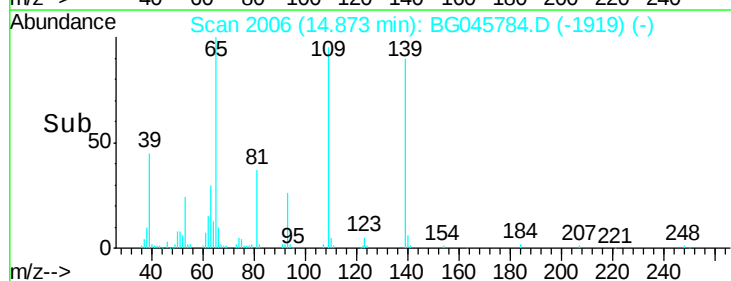
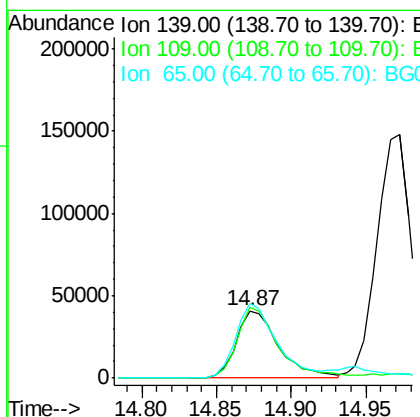
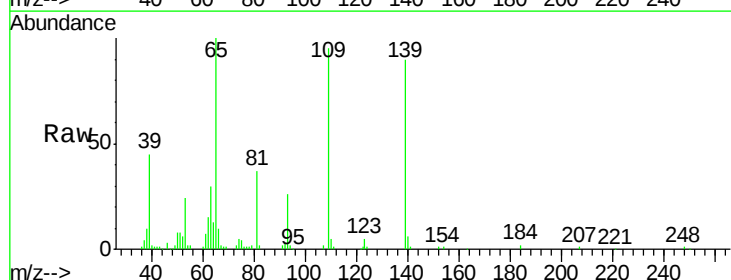
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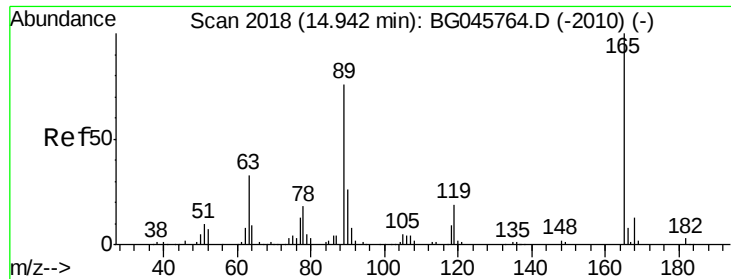
mohammad
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#56
4-Nitrophenol
Concen: 40.925 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.9	88.9	128.9
65	111.4	92.3	132.3





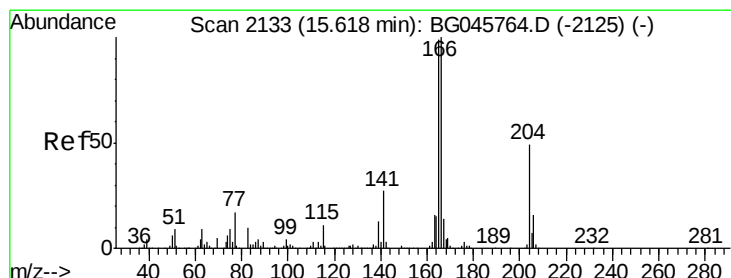
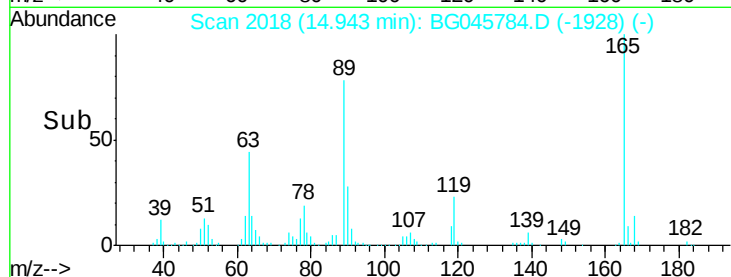
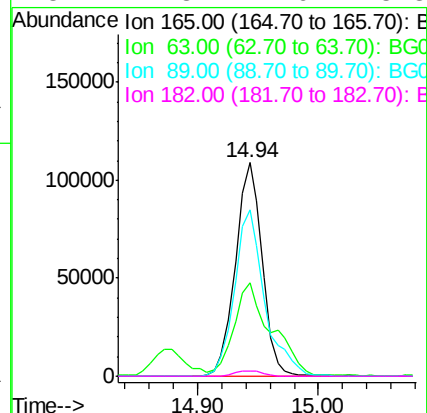
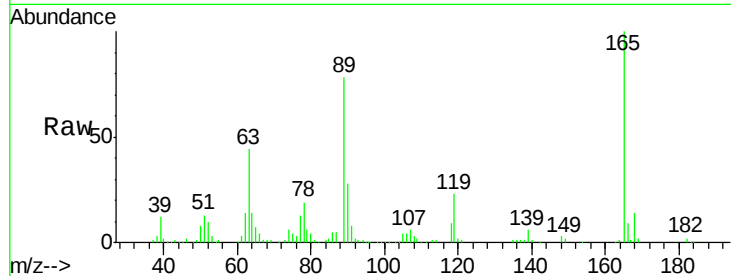
#57
2,4-Dinitrotoluene
Concen: 40.467 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	168247		
63	43.6		33.8	50.8
89	77.7		60.4	90.6
182	2.3		2.6	3.8#

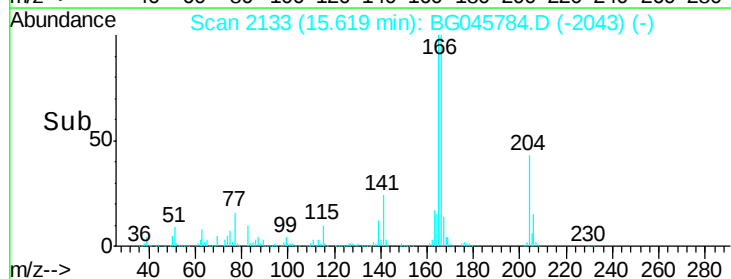
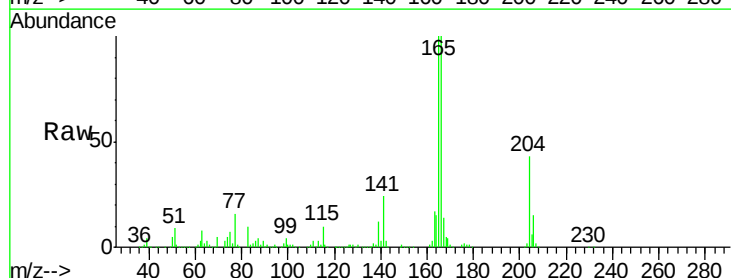
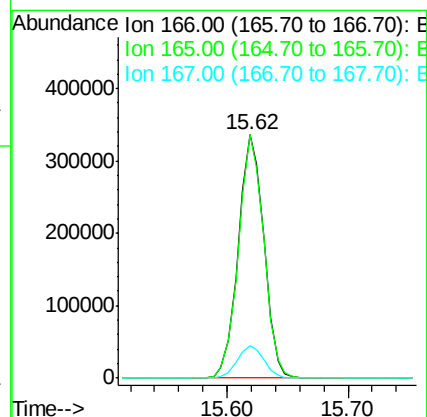
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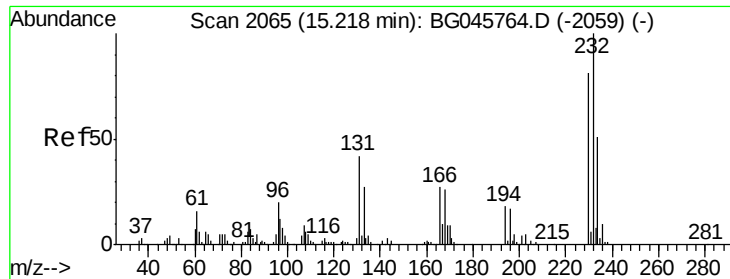
mohammad
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#58
Fluorene
Concen: 39.749 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	497216		
165	100.0		79.1	118.7
167	13.5		11.5	17.3





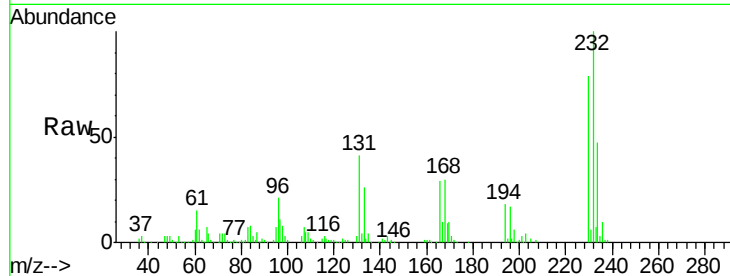
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.751 ng
RT: 15.22 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

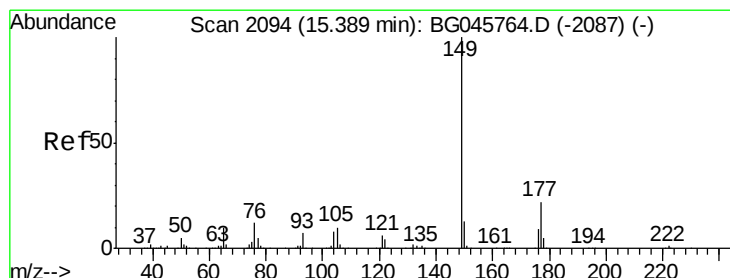
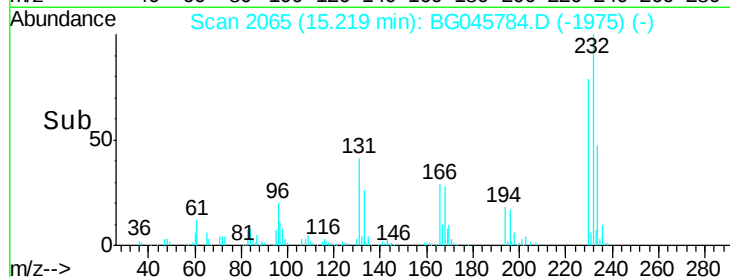
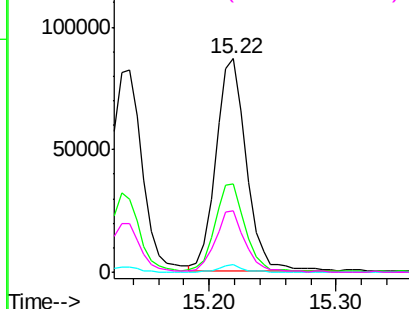
Tot Ion:	232	Resp:	144777
Ion Ratio	Lower	Upper	
232	100		
131	40.3	32.2	48.2
130	2.8	2.2	3.4
166	28.5	21.3	31.9

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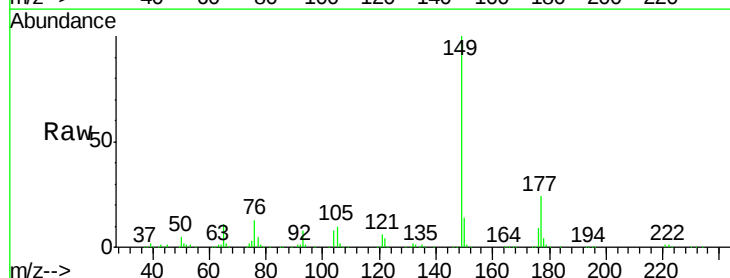


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

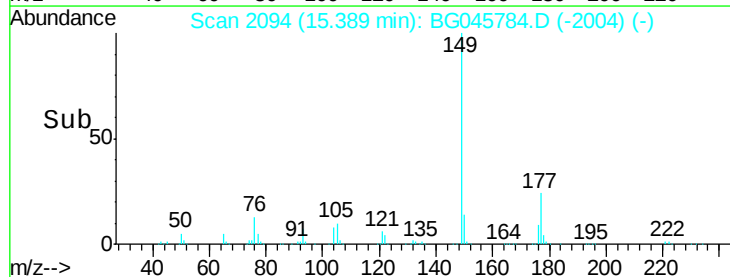
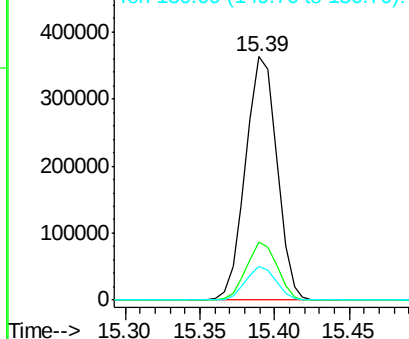


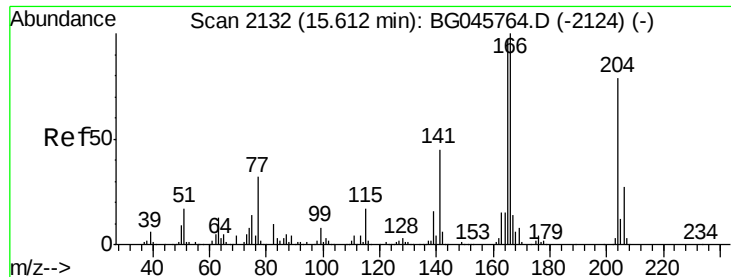
#60
Diethylphthalate
Concen: 40.036 ng
RT: 15.39 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion:	149	Resp:	528781
Ion Ratio	Lower	Upper	
149	100		
177	24.0	17.2	25.8
150	13.7	10.7	16.1



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





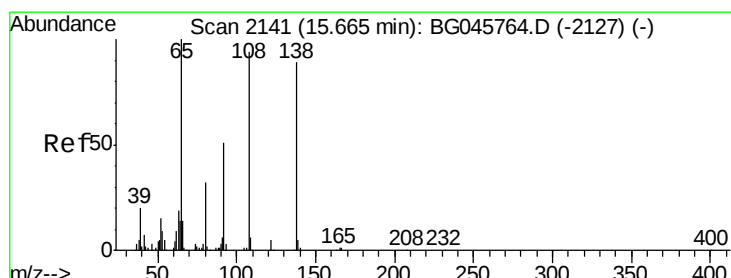
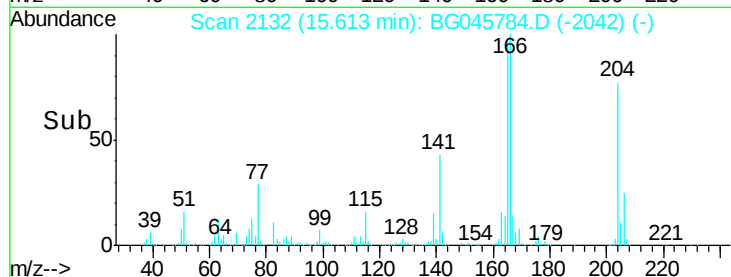
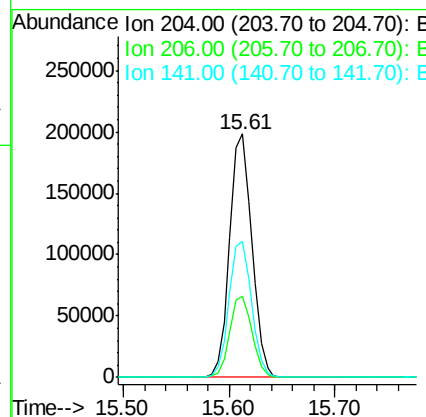
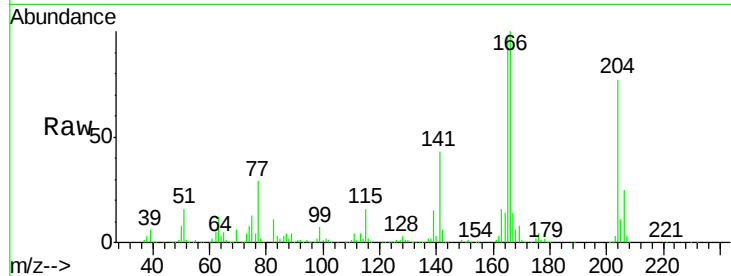
#61
4-Chlorophenyl-phenylether
Concen: 40.040 ng
RT: 15.61 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.2	40.8
141	56.1	45.9	68.9

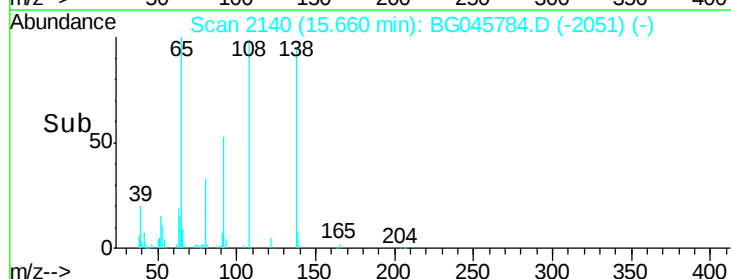
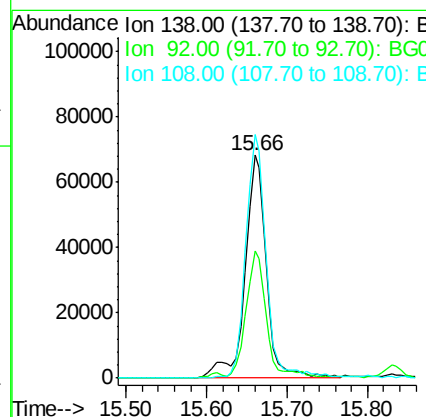
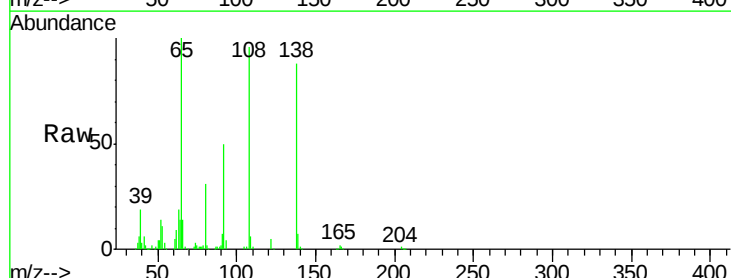
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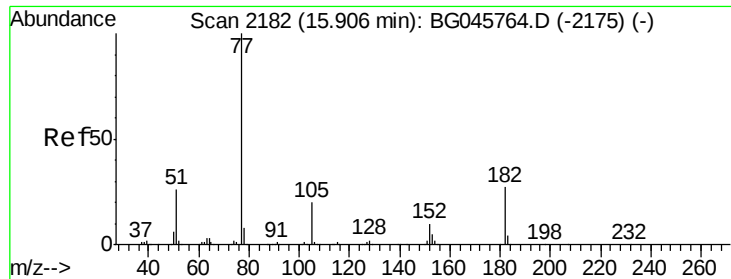
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#62
4-Nitroaniline
Concen: 42.569 ng m
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.1	37.3	77.3
108	109.2	85.0	125.0





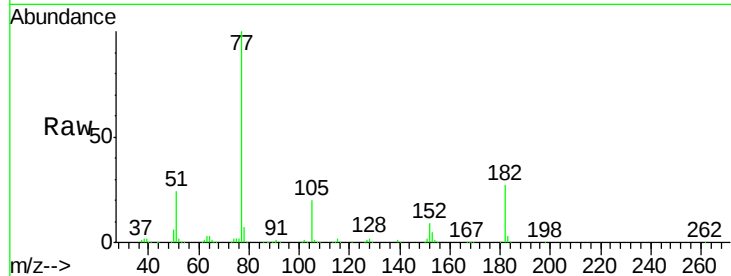
#63
Azobenzene
Concen: 39.796 ng
RT: 15.91 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

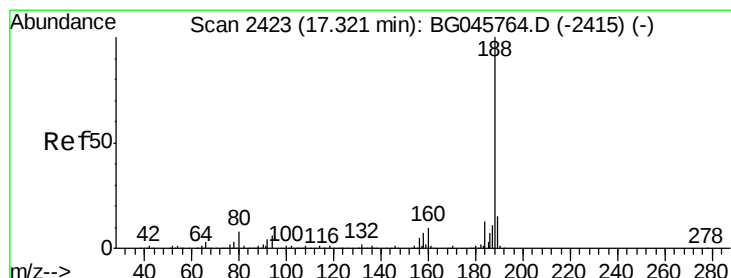
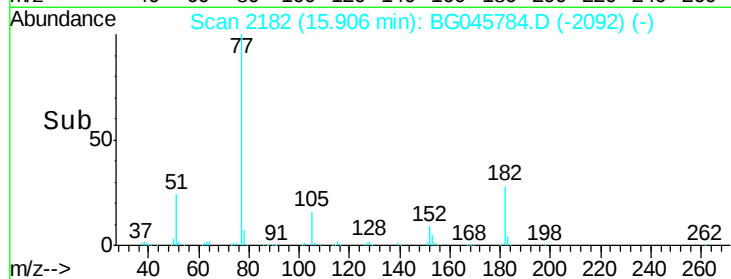
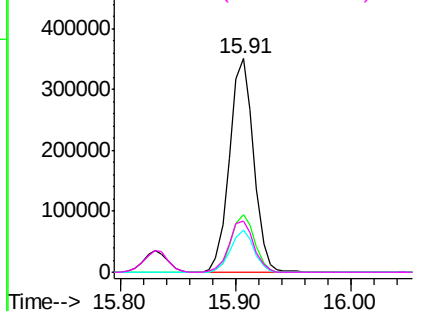
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.1	7.4	47.4	
105	19.6	0.1	40.1	
51	24.3	5.7	45.7	

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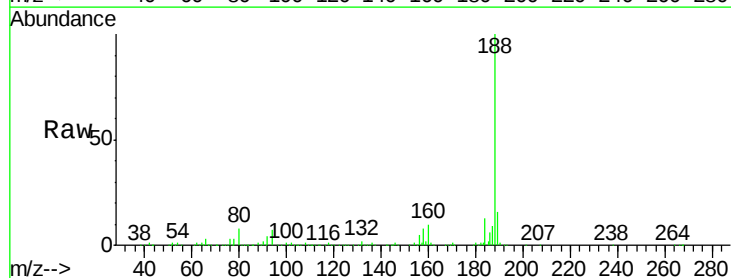


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

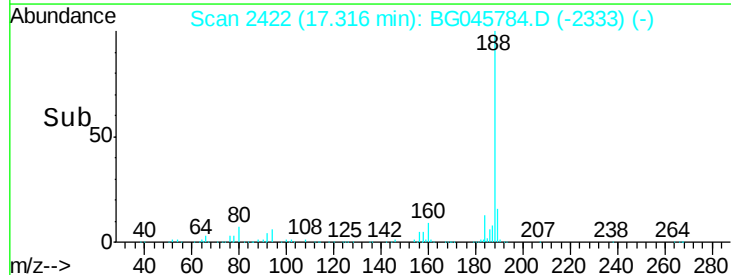
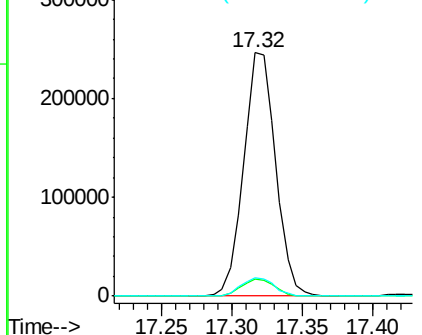


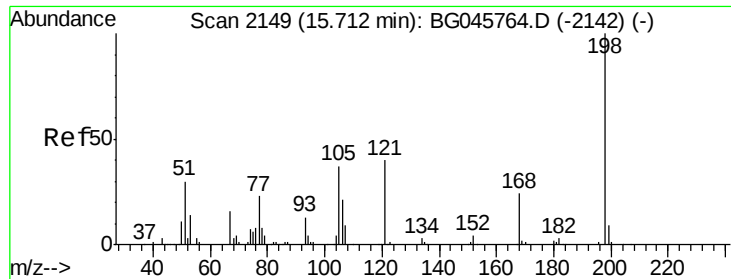
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.3	5.1	7.7	
80	7.7	6.2	9.4	



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





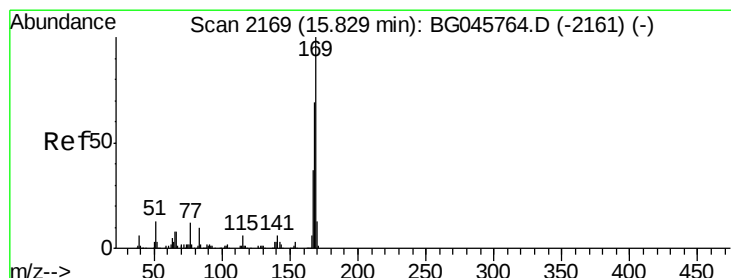
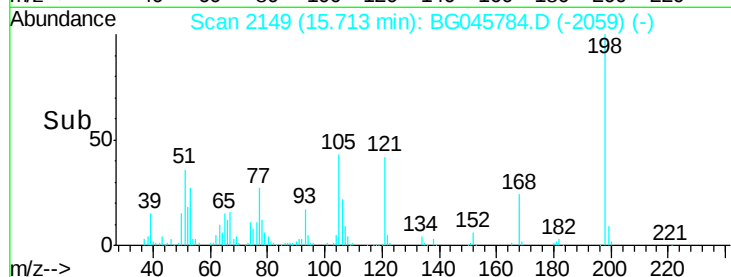
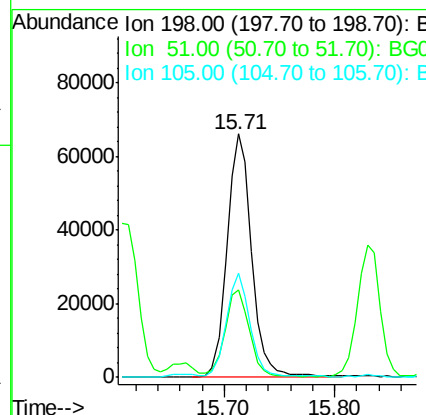
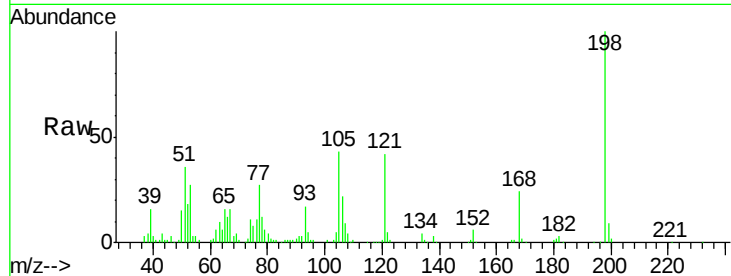
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.712 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	103183		
51	35.9	14.6	54.6	
105	42.8	18.4	58.4	

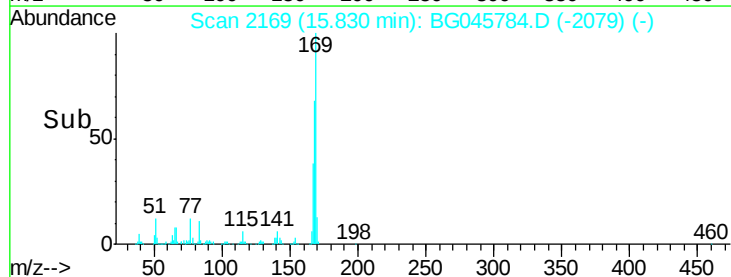
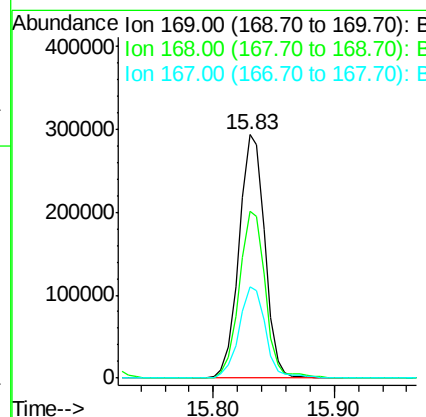
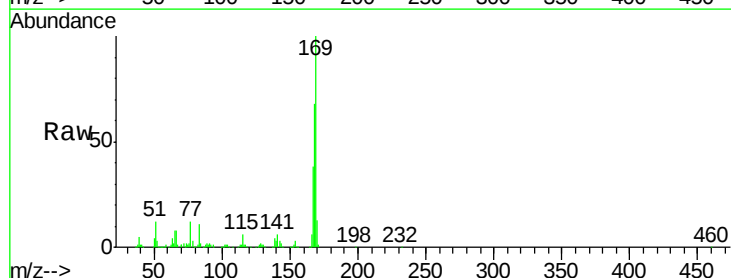
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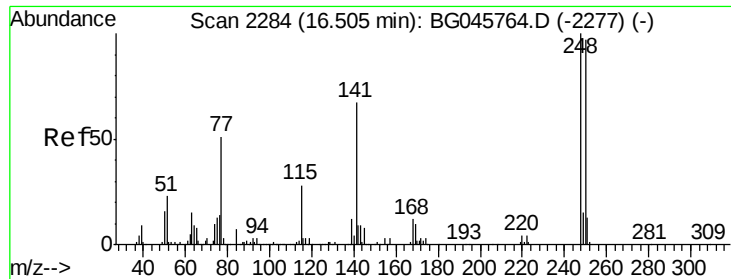
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#66
 n-Nitrosodiphenylamine
 Concen: 39.443 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	436715		
168	68.4	55.2	82.8	
167	37.7	29.8	44.6	





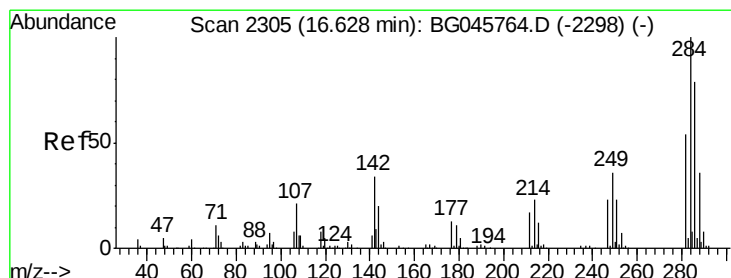
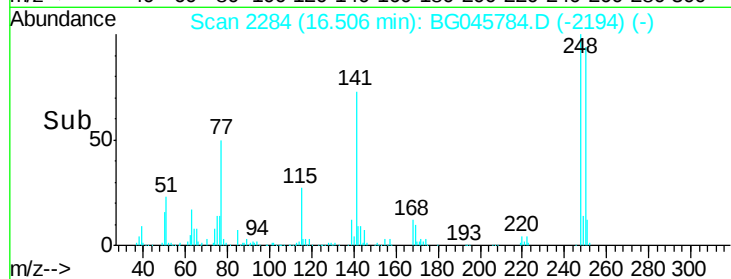
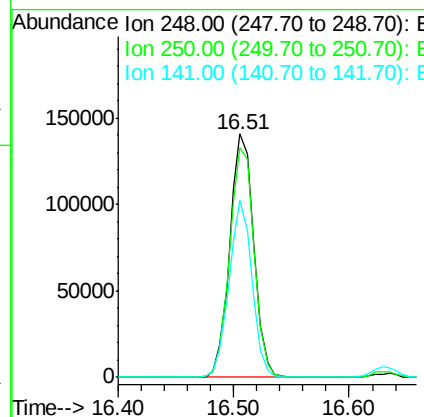
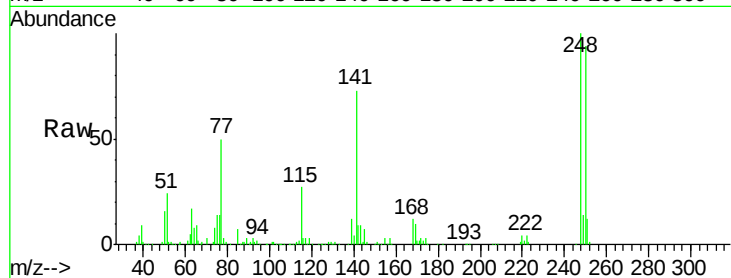
#67
 4-Bromophenyl-phenylether
 Concen: 39.673 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	78.0	117.0
141	72.6	53.9	80.9

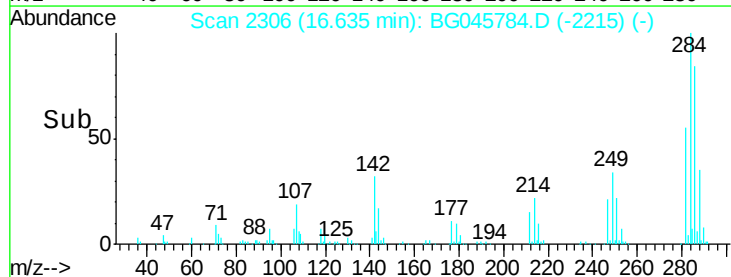
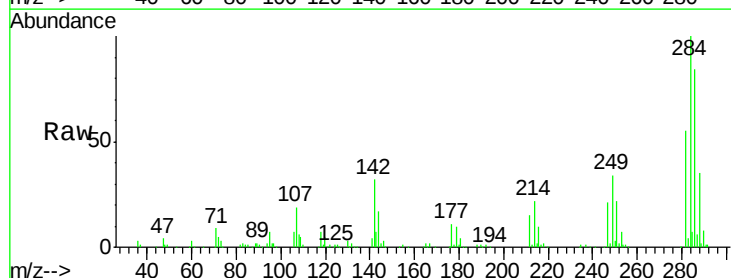
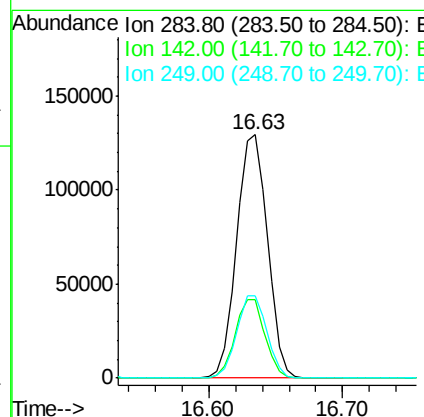
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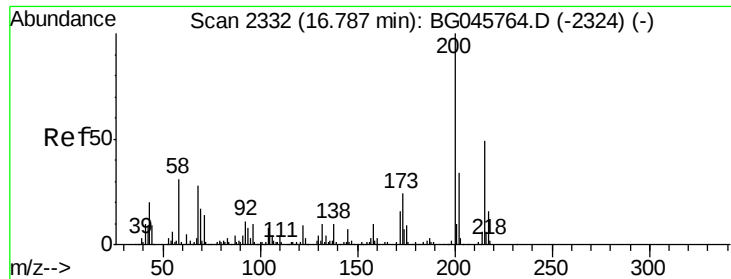
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#68
 Hexachlorobenzene
 Concen: 39.465 ng
 RT: 16.63 min Scan# 2306
 Delta R.T. 0.01 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	26.9	40.3
249	34.1	28.6	42.8





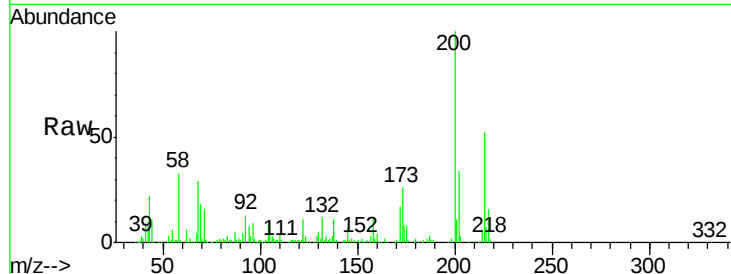
#69
Atrazine
Concen: 33.952 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

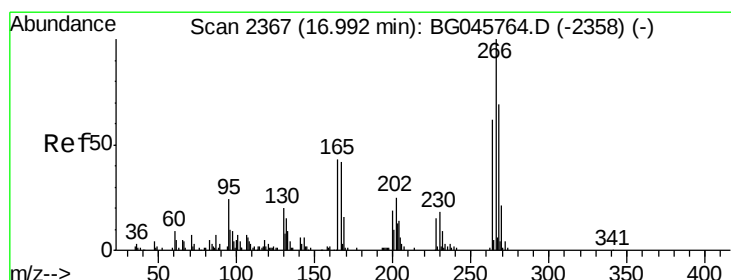
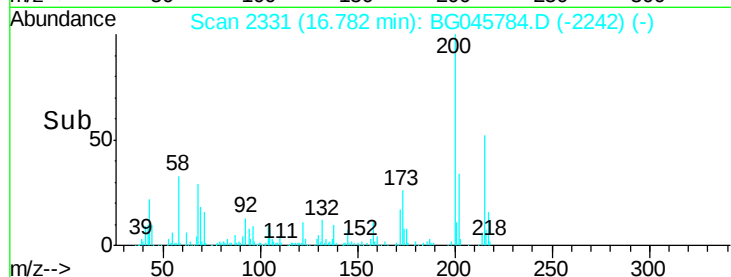
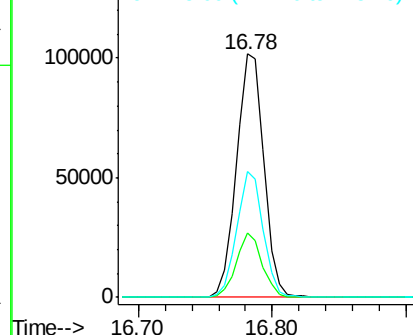
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	3.9	43.9
215	51.7	28.8	68.8

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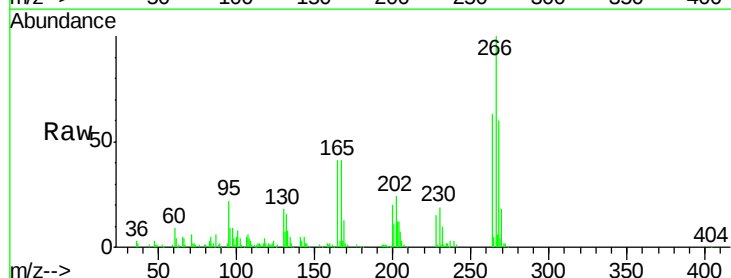


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

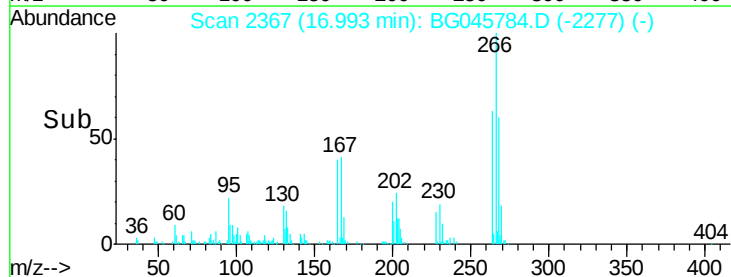
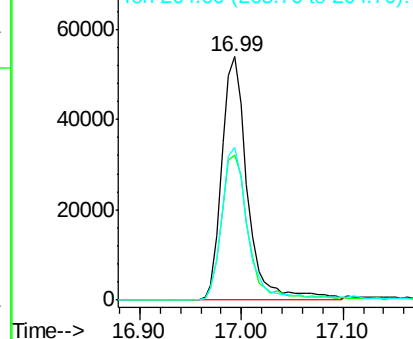


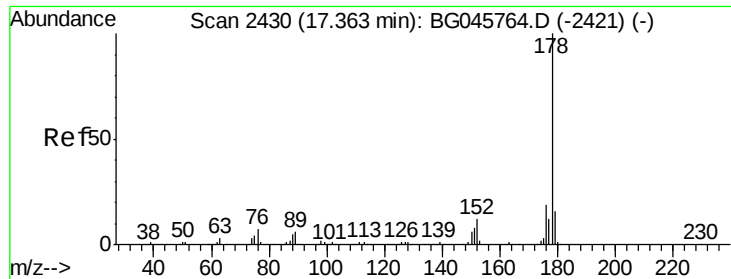
#70
Pentachlorophenol
Concen: 40.764 ng
RT: 16.99 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	59.8	55.4	83.0
264	62.9	49.8	74.6



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





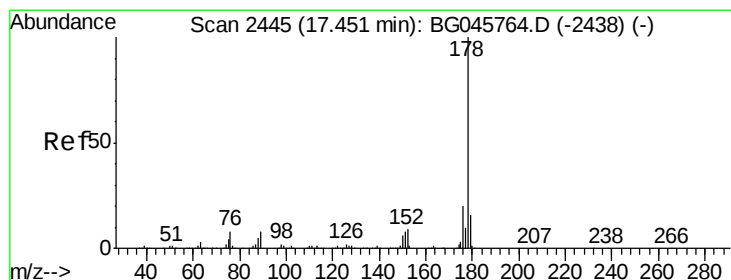
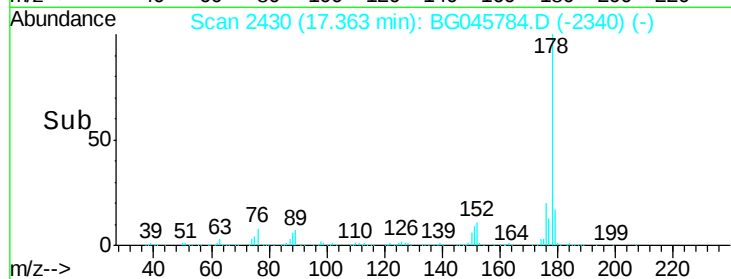
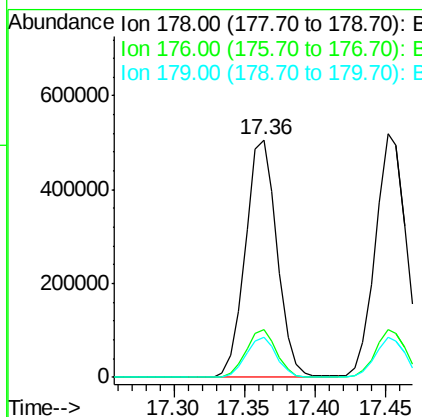
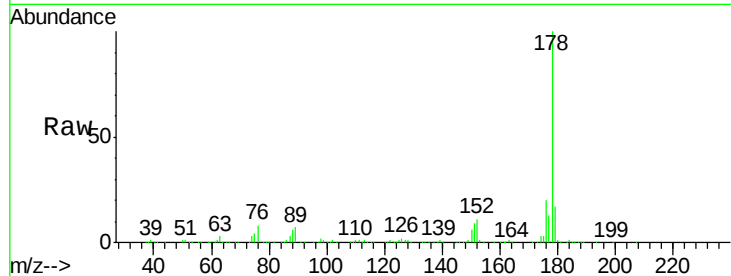
#71
Phenanthrene
Concen: 39.501 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	16.6	13.2	19.8

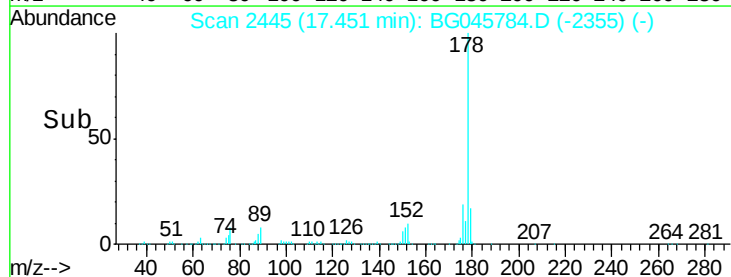
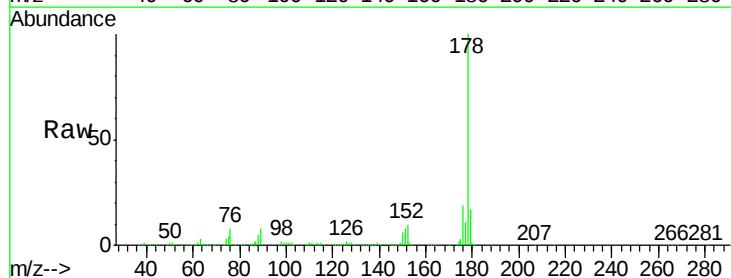
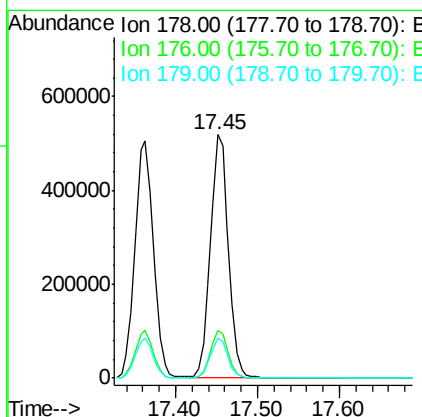
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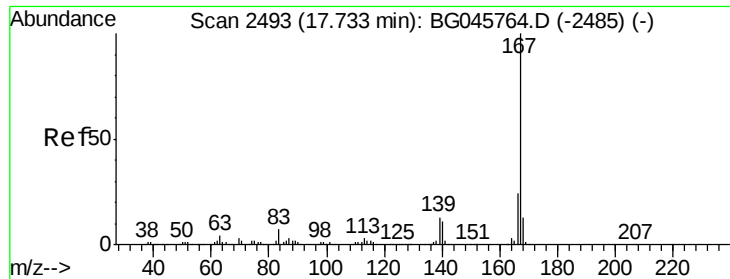
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#72
Anthracene
Concen: 39.514 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.6	13.1	19.7





#73

Carbazole

Concen: 39.946 ng

RT: 17.73 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

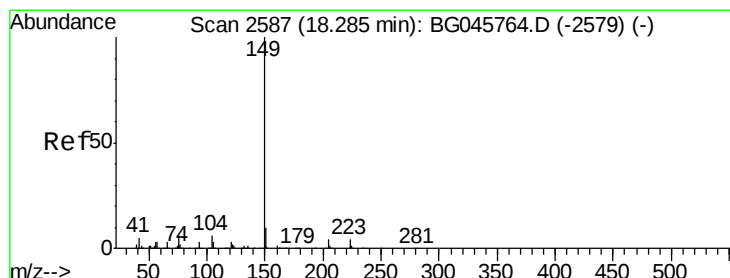
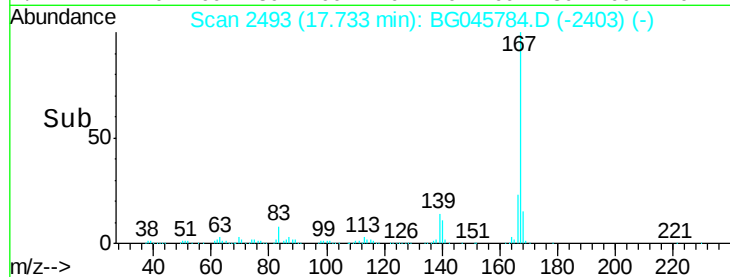
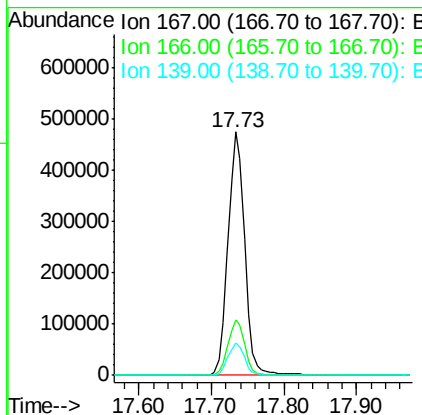
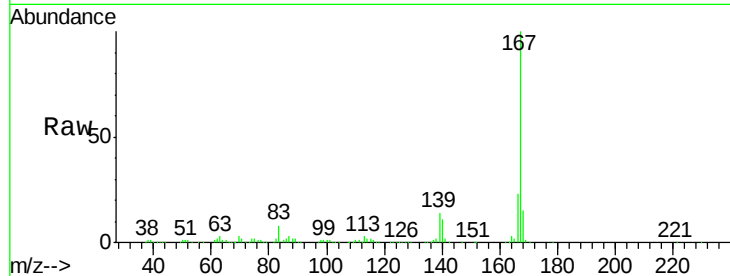
ClientSampleId :

SSTDCCC040

Tot Ion:	167	Resp:	763594
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.9	28.3
139	13.5	10.6	15.8

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#74

Di-n-butylphthalate

Concen: 40.119 ng

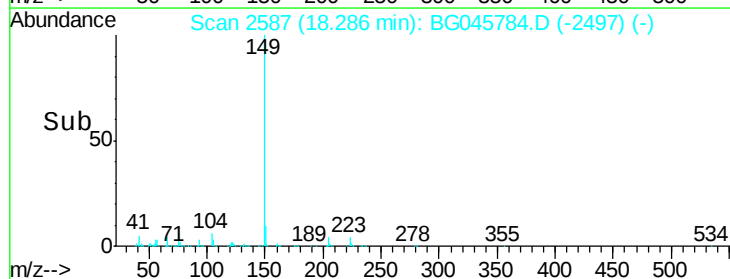
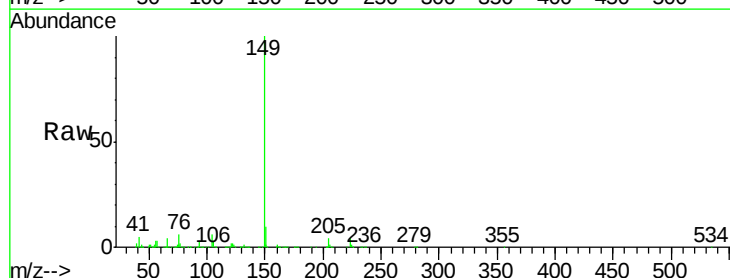
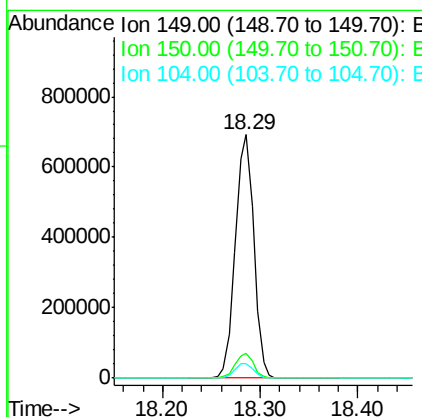
RT: 18.29 min Scan# 2587

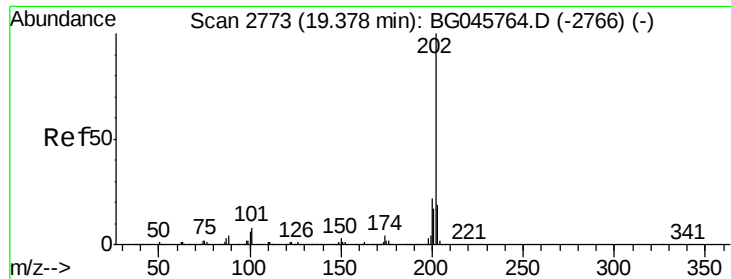
Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	149	Resp:	908049
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.7	11.5
104	6.1	5.1	7.7





#75

Fluoranthene

Concen: 38.828 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

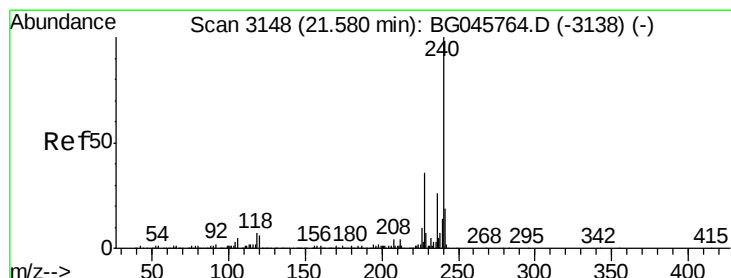
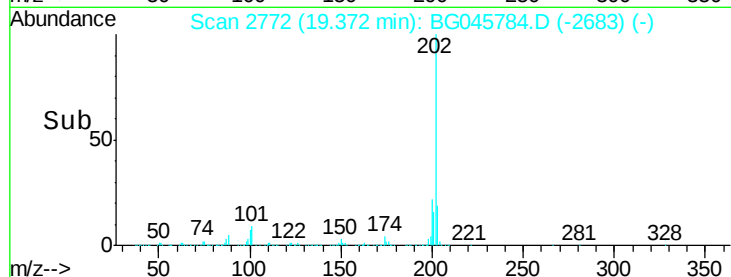
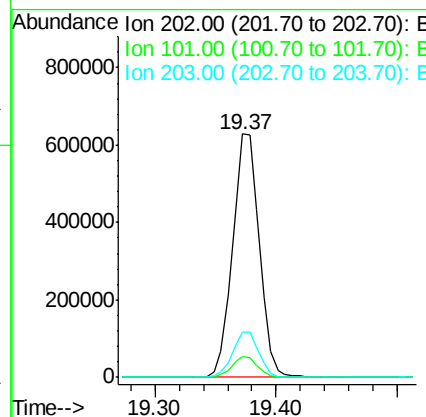
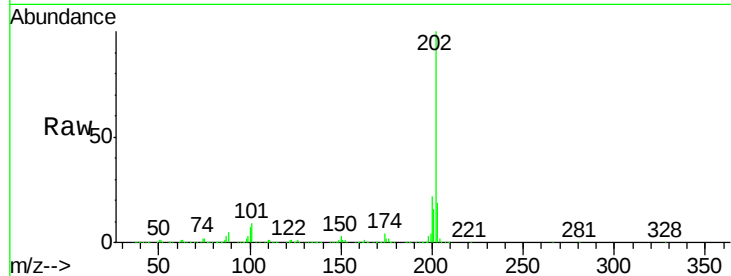
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	0.0	27.7
203	18.8	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

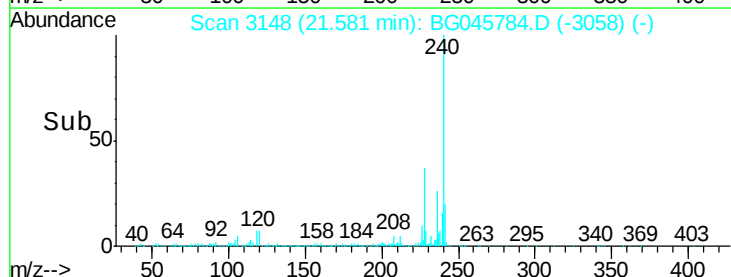
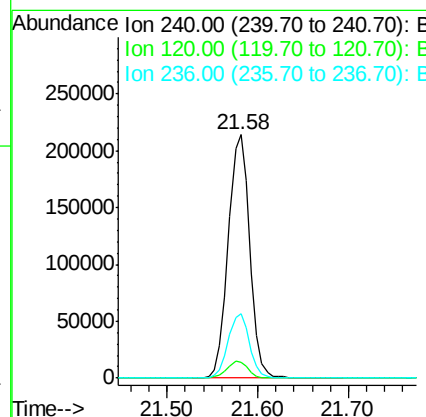
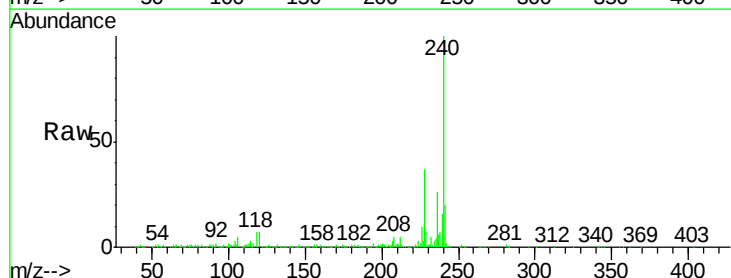
RT: 21.58 min Scan# 3148

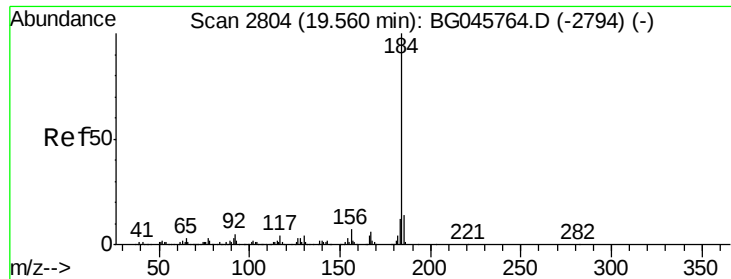
Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.5	5.0	7.4
236	26.3	20.6	30.8





#77

Benzidine

Concen: 48.659 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

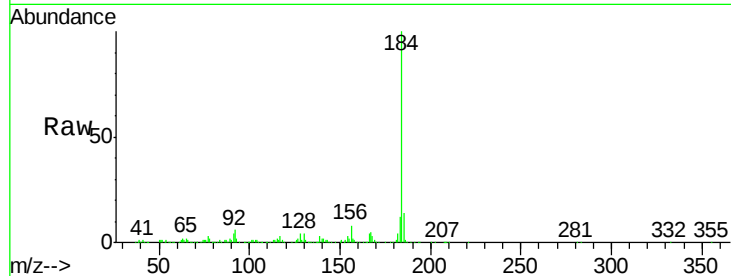
ClientSampleId :

SSTDCCC040

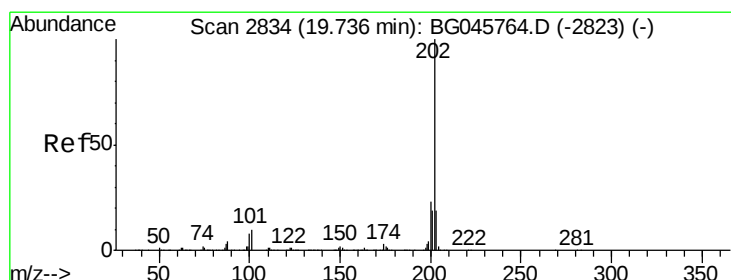
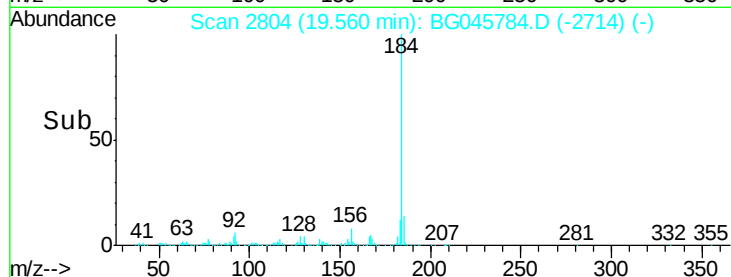
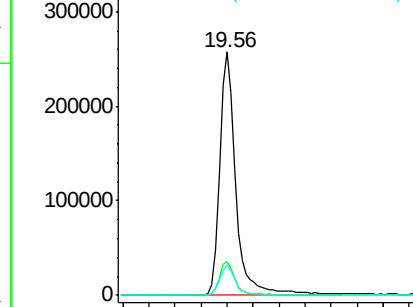
Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.1	16.7
183	12.4	9.7	14.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.917 ng

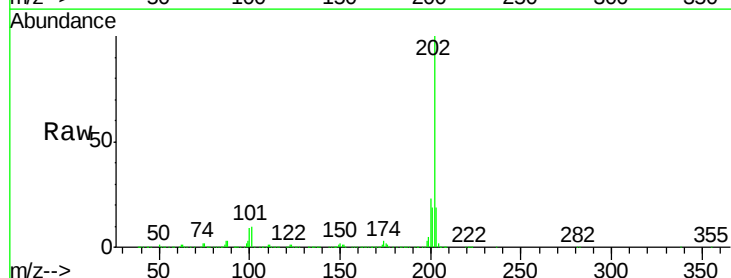
RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

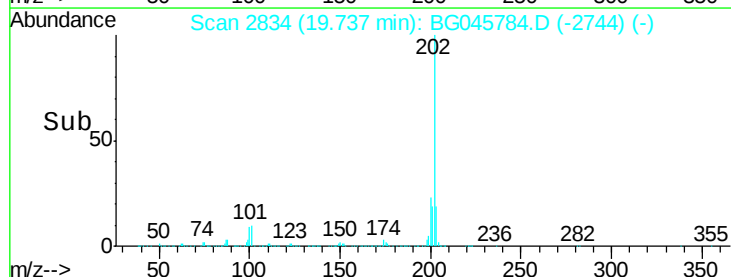
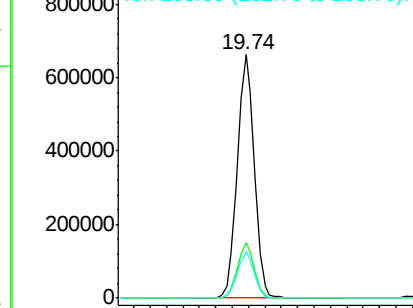
Lab File: BG045784.D

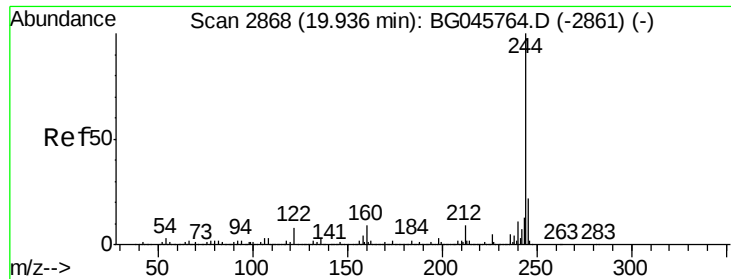
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.2
203	18.9	14.8	22.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.621 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

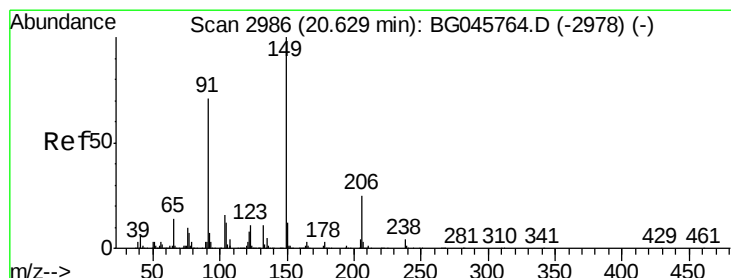
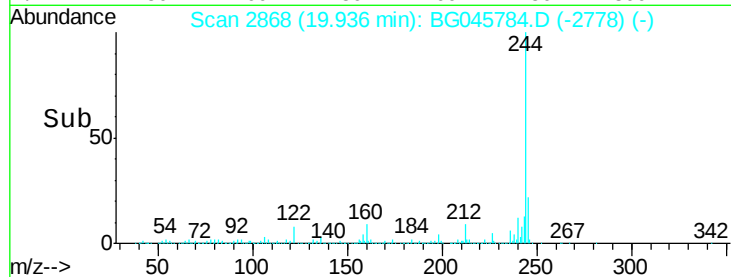
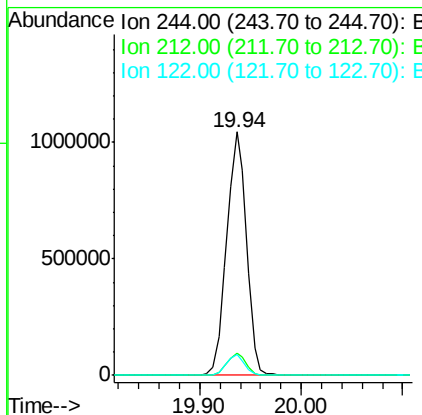
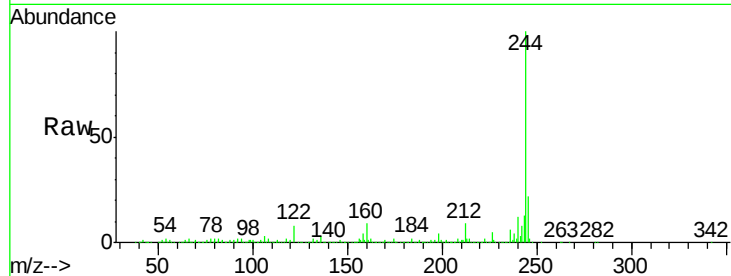
ClientSampleId :

SSTDCCC040

Tot Ion:	244	Resp:	1415917
Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	8.4	6.4	9.6

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#80

Butylbenzylphthalate

Concen: 39.985 ng

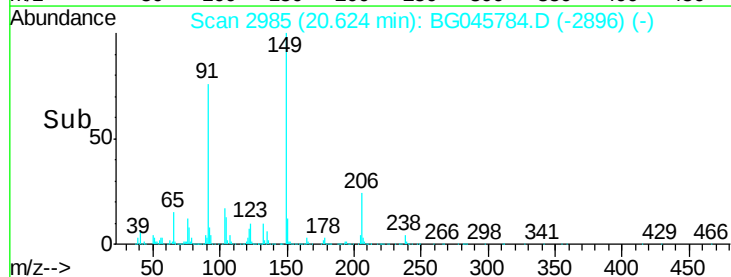
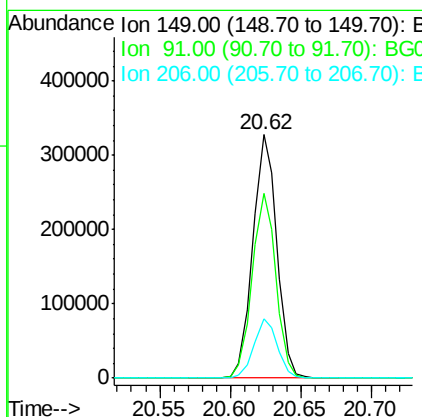
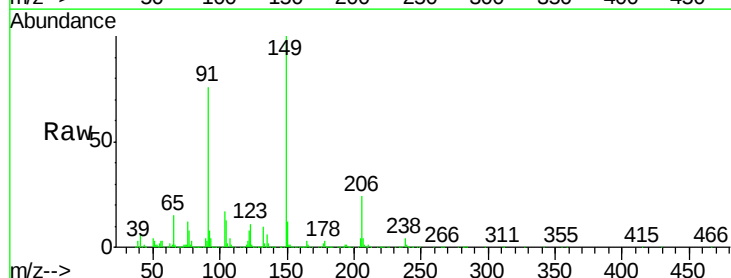
RT: 20.62 min Scan# 2985

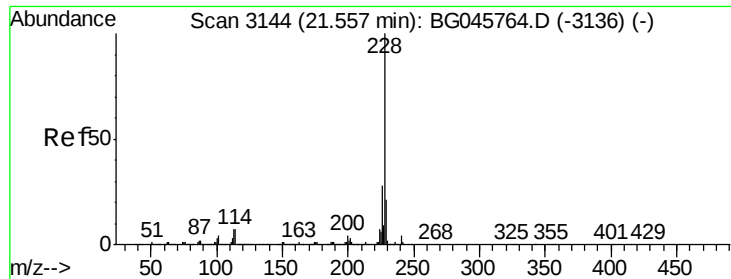
Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	149	Resp:	394009
Ion	Ratio	Lower	Upper
149	100		
91	75.7	56.4	84.6
206	24.1	19.8	29.6





#81

Benzo(a)anthracene

Concen: 39.495 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

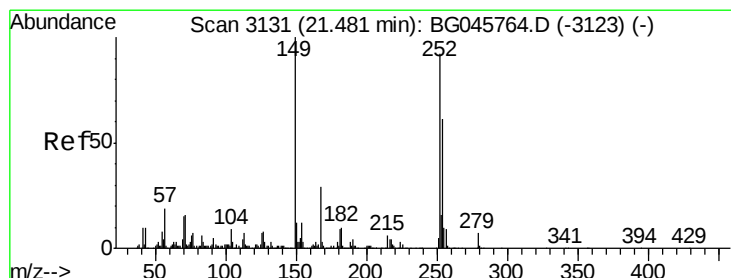
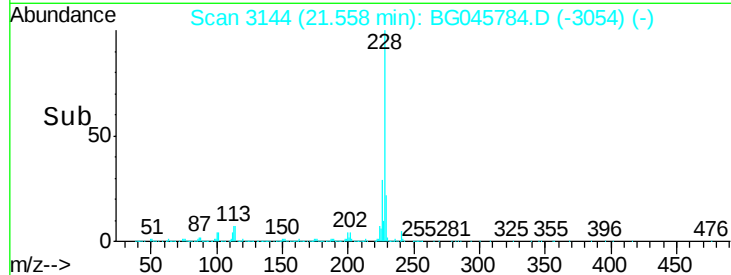
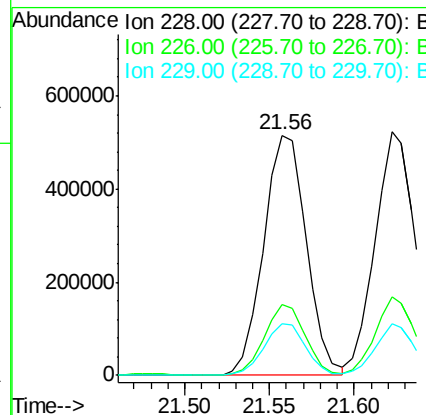
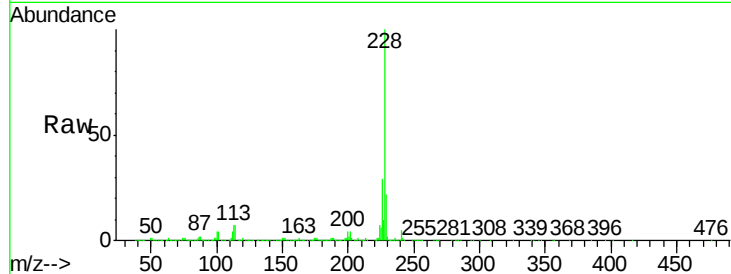
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	900207
Ion Ratio	Lower	Upper	
228	100		
226	29.5	22.7	34.1
229	21.8	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 40.479 ng

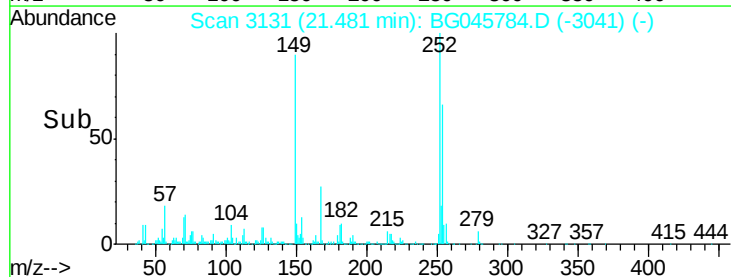
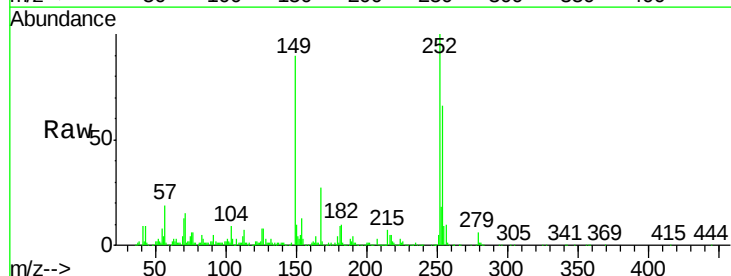
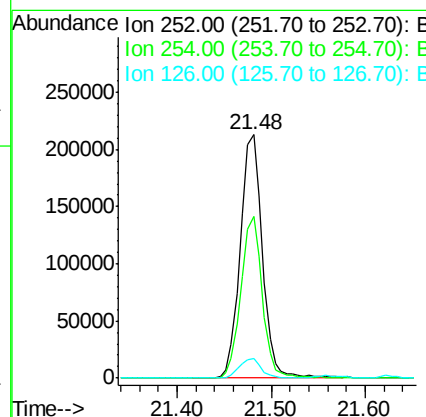
RT: 21.48 min Scan# 3131

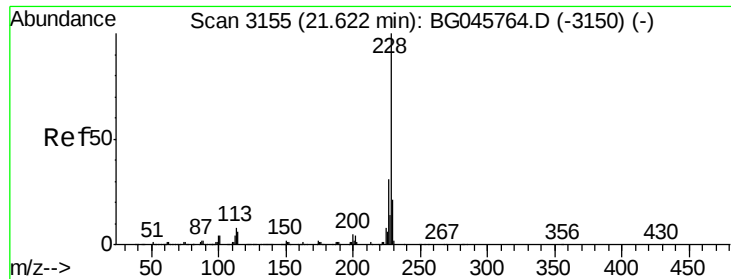
Delta R.T. 0.00 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	252	Resp:	348994
Ion Ratio	Lower	Upper	
252	100		
254	66.3	53.4	80.0
126	7.8	5.8	8.8





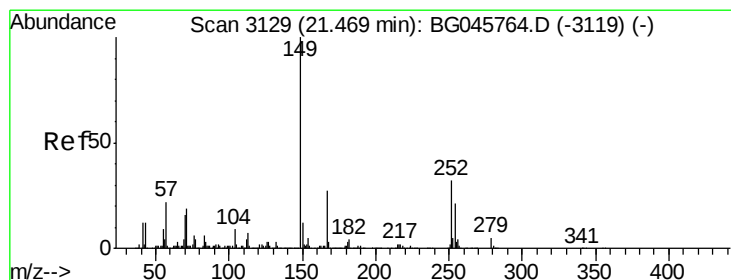
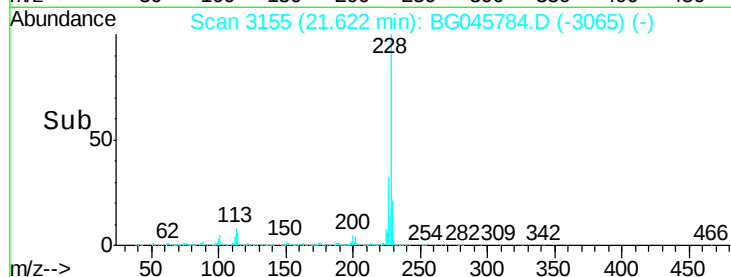
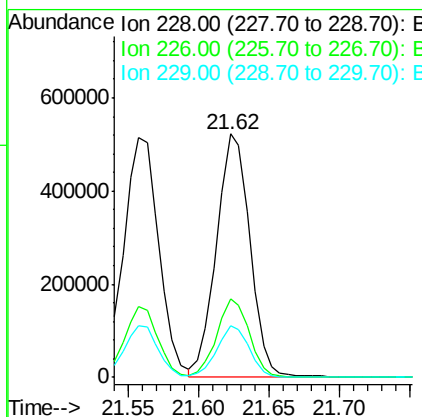
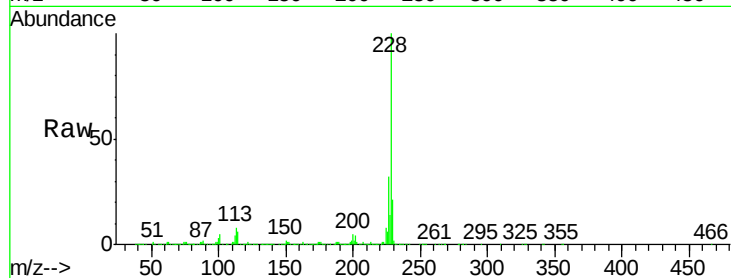
#83
Chrysene
Concen: 38.924 ng
RT: 21.62 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.1	37.7
229	21.4	16.4	24.6

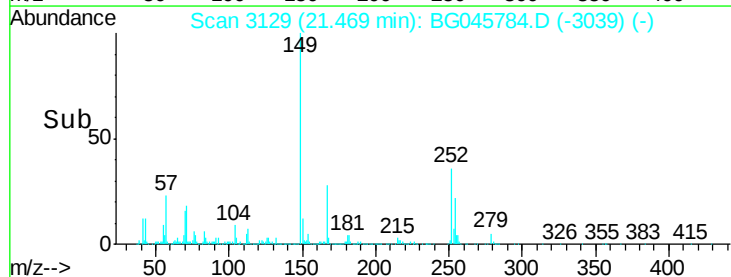
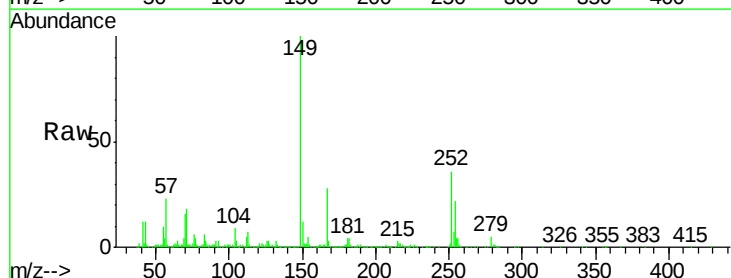
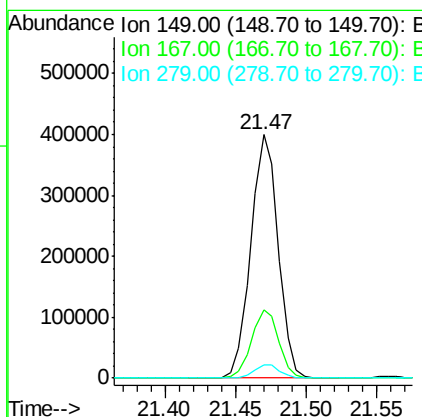
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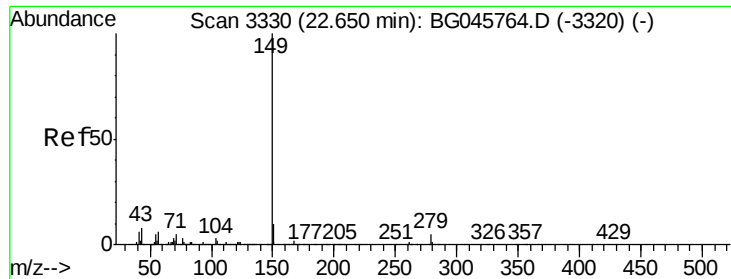
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.619 ng
RT: 21.47 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.3	31.9
279	5.2	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 39.354 ng

RT: 22.64 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

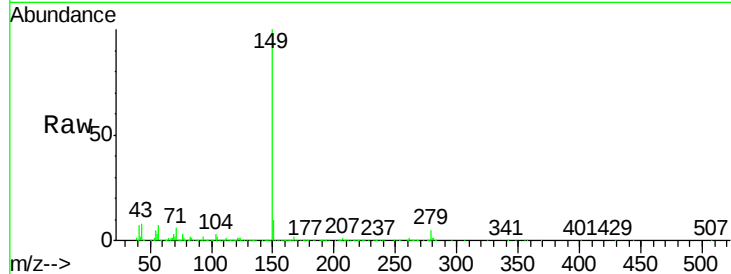
ClientSampleId :

SSTDCCC040

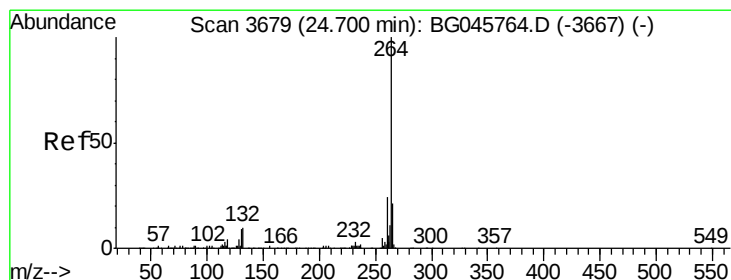
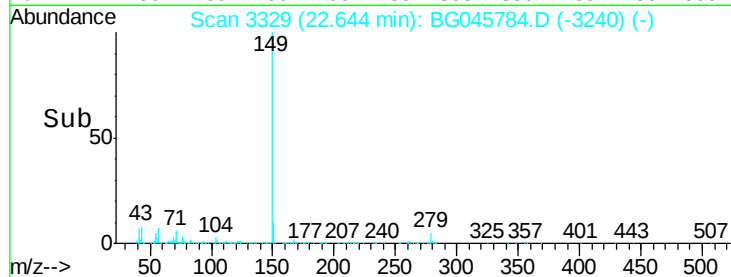
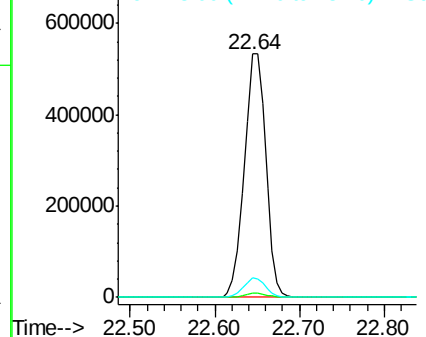
Tot Ion:	149	Resp:	930444
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.6	5.9	8.9

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

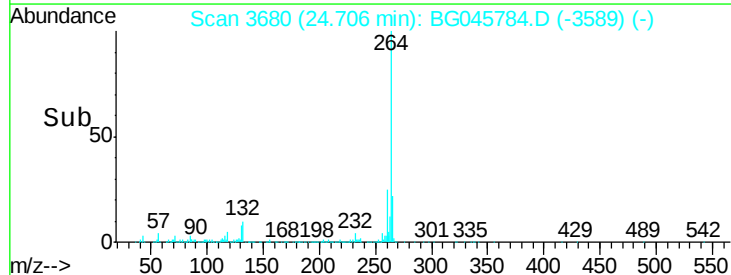
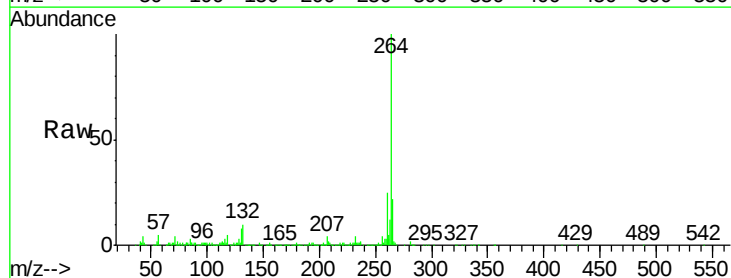
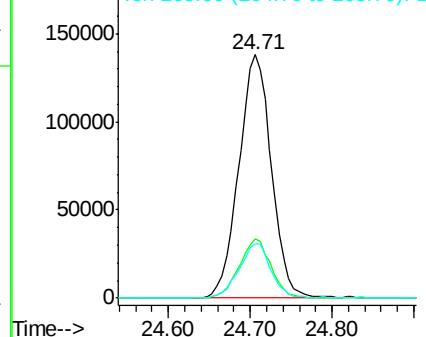
Delta R.T. 0.01 min

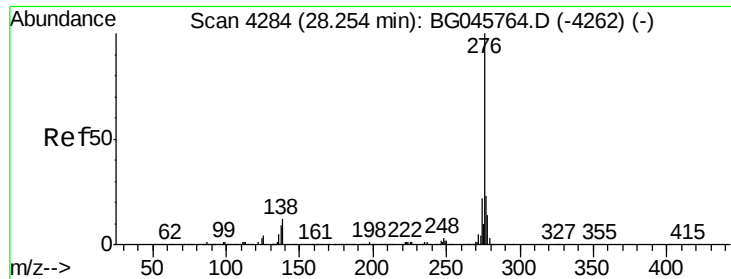
Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion:	264	Resp:	382442
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.0	28.4
265	22.0	17.4	26.0

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





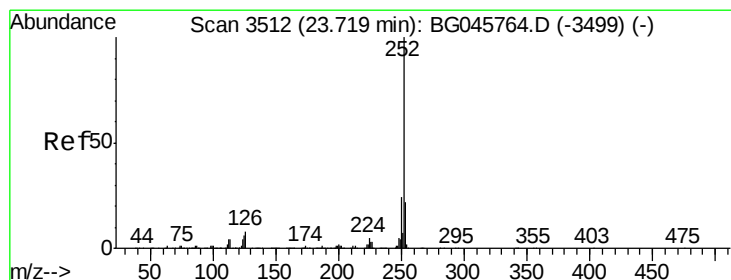
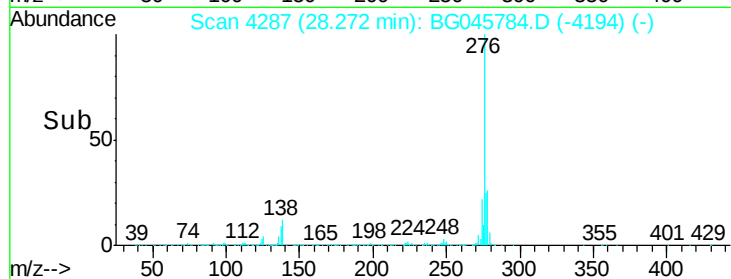
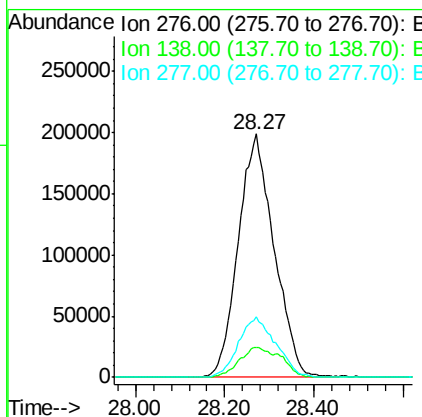
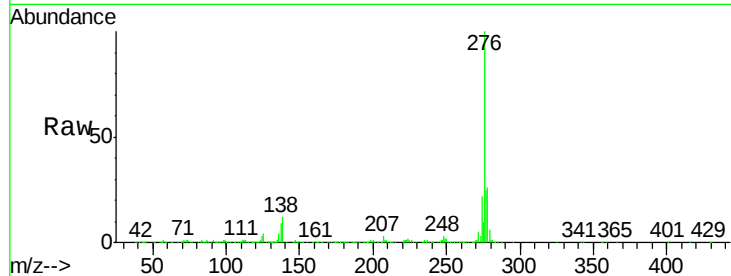
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.856 ng
 RT: 28.27 min Scan# 4287
 Delta R.T. 0.02 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1105019
 Ion Ratio Lower Upper
 276 100
 138 14.4 5.4 8.0#
 277 25.8 20.6 30.8

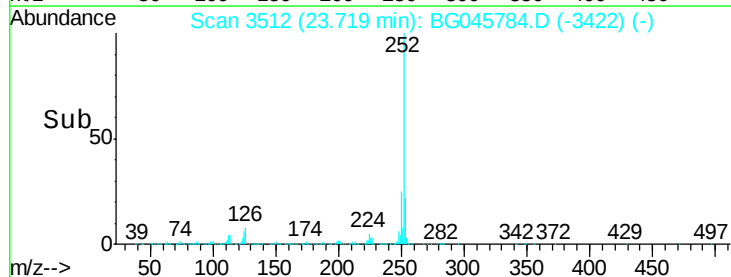
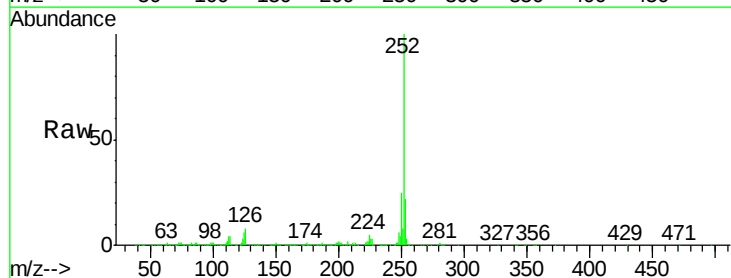
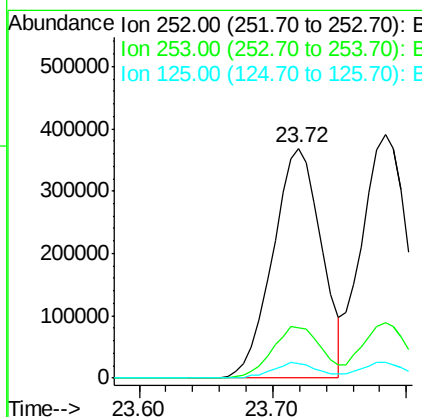
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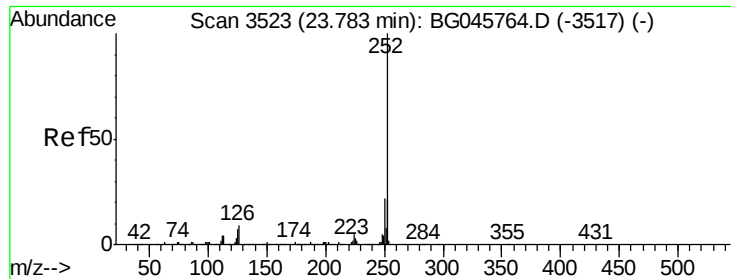
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 38.781 ng
 RT: 23.72 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: BG045784.D
 Acq: 17 Jun 2020 10:33

Tgt Ion:252 Resp: 929926
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 6.4 5.0 7.4





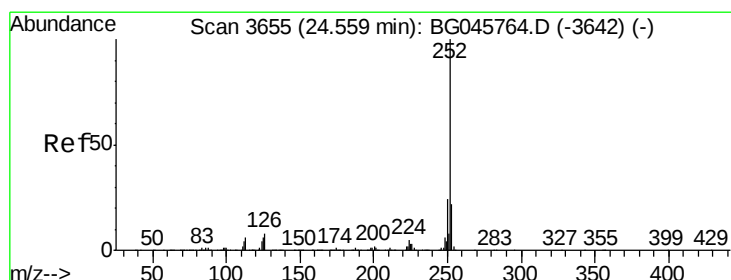
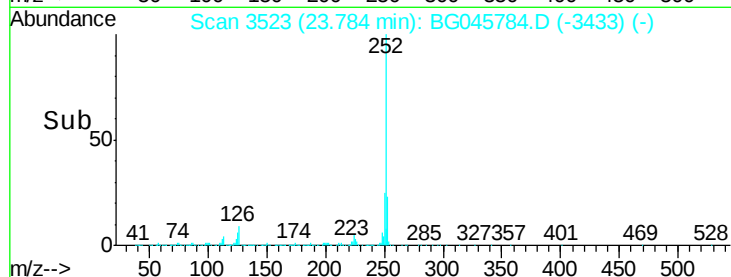
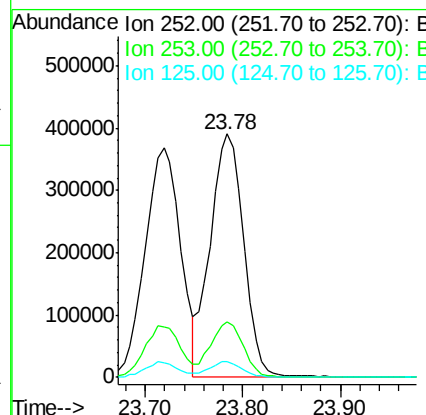
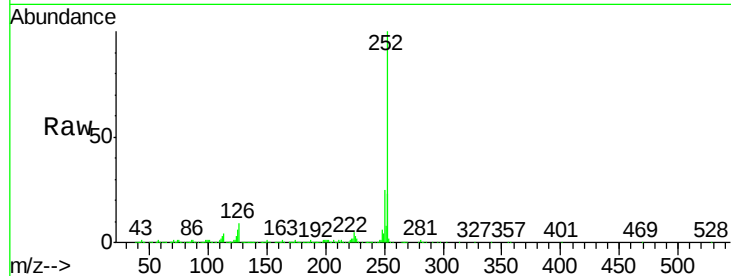
#89
Benzo(k)fluoranthene
Concen: 40.346 ng
RT: 23.78 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	6.4	5.2	7.8

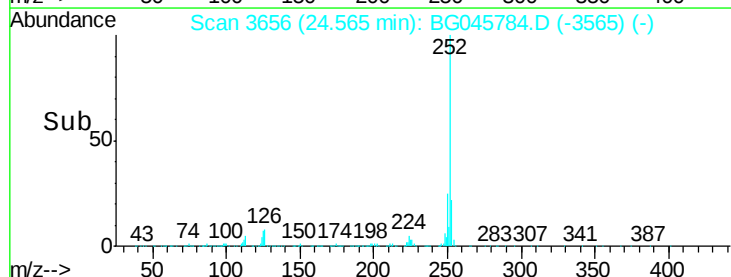
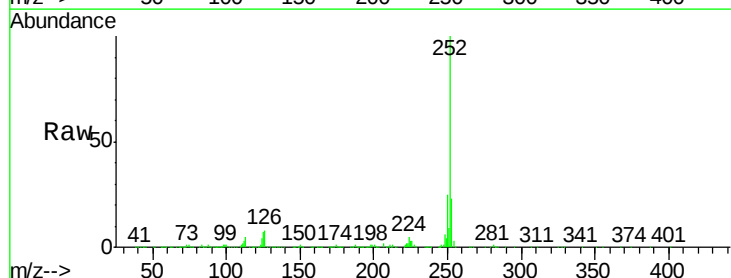
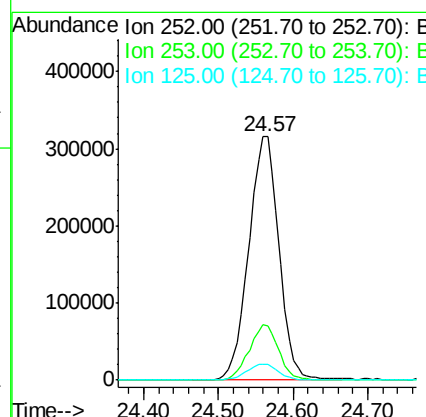
Manual Integrations
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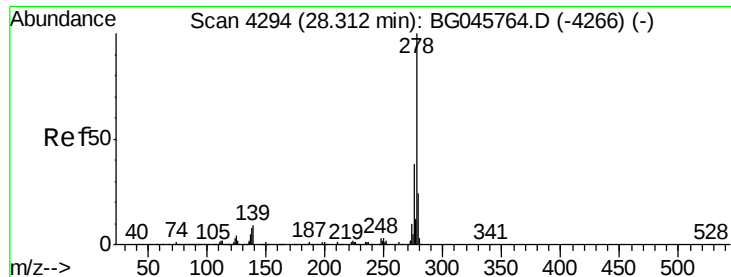
mohammad
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#90
Benzo(a)pyrene
Concen: 39.436 ng
RT: 24.57 min Scan# 3656
Delta R.T. 0.01 min
Lab File: BG045784.D
Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	6.7	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 40.340 ng

RT: 28.32 min Scan# 4296

Delta R.T. 0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Instrument :

BNA_G

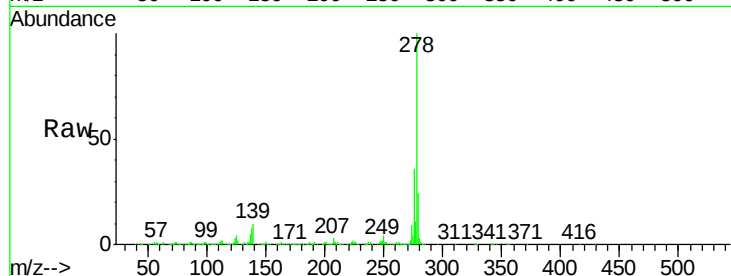
ClientSampleId :

SSTDCCC040

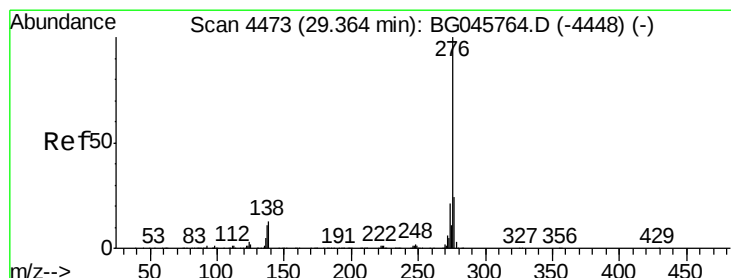
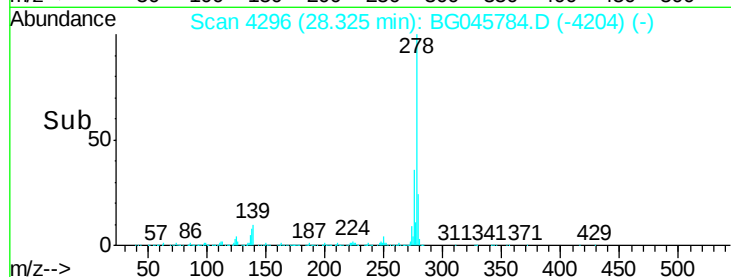
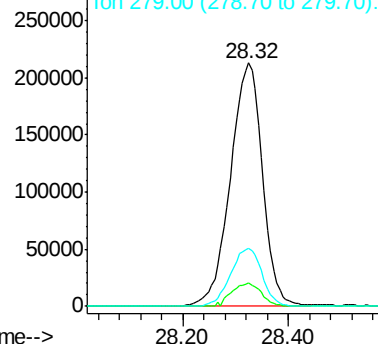
Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.3	10.9
279	24.0	19.5	29.3

Manual Integrations
APPROVED

mohammad
6/19/2020 9:24:18 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.699 ng

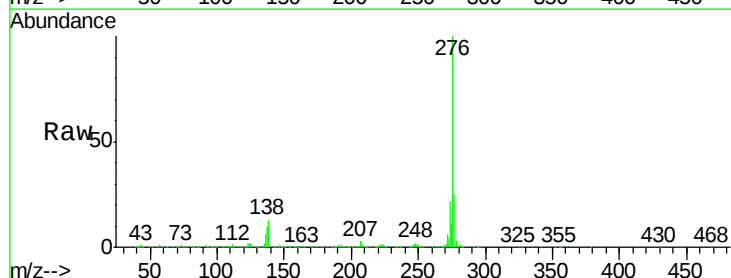
RT: 29.37 min Scan# 4474

Delta R.T. 0.01 min

Lab File: BG045784.D

Acq: 17 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	13.2	10.6	15.8



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

