

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045630.D
 Acq On : 6 Jun 2020 00:57
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 6/8/2020 12:50:16 PM

Quant Time: Jun 06 03:34:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	86779	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	339923	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	234620	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	546718	20.00	ng	0.00
76) Chrysene-d12	21.61	240	532523	20.00	ng	0.00
87) Perylene-d12	24.75	264	580457	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	401068	90.32	ng	0.00
7) Phenol-d6	7.15	99	579748	91.73	ng	0.00
23) Nitrobenzene-d5	9.12	82	564508	90.56	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	269056	89.67	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1232736	89.12	ng	0.00
79) Terphenyl-d14	19.96	244	1974815	86.49	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	91650	41.62	ng	97
3) Pyridine	3.81	79	269674	43.97	ng	96
4) n-Nitrosodimethylamine	3.72	42	96387	48.03	ng	83
6) Aniline	7.28	93	355959	43.15	ng	99
8) 2-Chlorophenol	7.53	128	214760	44.10	ng	99
9) Benzaldehyde	7.09	77	172812	41.97	ng	93
10) Phenol	7.18	94	294867	45.27	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	220150	43.33	ng	97
12) 1,3-Dichlorobenzene	7.84	146	259961	44.42	ng	97
13) 1,4-Dichlorobenzene	7.99	146	260275	45.07	ng	95
14) 1,2-Dichlorobenzene	8.31	146	246073	44.30	ng	96
15) Benzyl Alcohol	8.20	79	244633	46.86	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	209365	43.41	ng	97
17) 2-Methylphenol	8.42	107	221066	45.34	ng	96
18) Hexachloroethane	9.04	117	101172	45.74	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	195134	44.65	ng	95
20) 3+4-Methylphenols	8.75	107	294708	44.39	ng	92
22) Acetophenone	8.77	105	356990	44.31	ng	# 97
24) Nitrobenzene	9.16	77	298393	44.68	ng	96
25) Isophorone	9.68	82	541337	44.10	ng	98
26) 2-Nitrophenol	9.87	139	130691	45.74	ng	97
27) 2,4-Dimethylphenol	9.95	122	187050	44.14	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	282750	43.92	ng	98
29) 2,4-Dichlorophenol	10.43	162	230254	46.02	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	266814	45.13	ng	98
31) Naphthalene	10.81	128	703930	44.44	ng	98
32) Benzoic acid	10.14	122	125917	44.59	ng	91
33) 4-Chloroaniline	10.92	127	298293	45.05	ng	99
34) Hexachlorobutadiene	11.10	225	193902	46.39	ng	97
35) Caprolactam	11.72	113	78816	42.91	ng	91
36) 4-Chloro-3-methylphenol	12.07	107	261388	46.36	ng	96
37) 2-Methylnaphthalene	12.42	142	535431	45.35	ng	96
38) 1-Methylnaphthalene	12.64	142	495485	44.43	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	295948	45.16	ng	100

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 Misc :
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 BNA_G
 ClientSampleID :
 SSTDC040

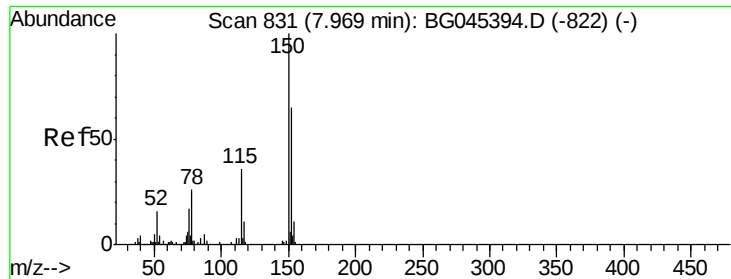
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	141980	37.54	ng	96
43) 2,4,6-Trichlorophenol	13.04	196	209167	45.95	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	233682	44.92	ng	98
46) 1,1'-Biphenyl	13.43	154	644170	44.68	ng	98
47) 2-Chloronaphthalene	13.47	162	526412	44.97	ng	99
48) 2-Nitroaniline	13.68	65	178273	46.29	ng	97
49) Acenaphthylene	14.32	152	832098	44.25	ng	100
50) Dimethylphthalate	14.06	163	689161	42.82	ng	100
51) 2,6-Dinitrotoluene	14.17	165	156939	43.21	ng	99
52) Acenaphthene	14.66	154	571508m	45.41	ng	
53) 3-Nitroaniline	14.51	138	161737	43.81	ng	98
54) 2,4-Dinitrophenol	14.71	184	92819	41.81	ng	98
55) Dibenzofuran	15.00	168	824865	44.13	ng	95
56) 4-Nitrophenol	14.85	139	112036	40.08	ng	91
57) 2,4-Dinitrotoluene	14.97	165	226248	43.01	ng	98
58) Fluorene	15.65	166	684510	44.58	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	202784	44.31	ng	99
60) Diethylphthalate	15.42	149	717737	42.84	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	392878	44.71	ng	100
62) 4-Nitroaniline	15.68	138	171520	44.50	ng	97
63) Azobenzene	15.93	77	685499	43.89	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	142138	44.64	ng	92
66) n-Nitrosodiphenylamine	15.85	169	597223	45.50	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	276463	46.70	ng	98
68) Hexachlorobenzene	16.66	284	285061	46.04	ng	98
69) Atrazine	16.81	200	228265	42.22	ng	98
70) Pentachlorophenol	17.01	266	145352	45.21	ng	92
71) Phenanthrene	17.39	178	1066921	44.70	ng	99
72) Anthracene	17.48	178	1071636	44.71	ng	99
73) Carbazole	17.75	167	1050468	44.96	ng	99
74) Di-n-butylphthalate	18.31	149	1214138	43.30	ng	99
75) Fluoranthene	19.40	202	1332743	43.90	ng	99
77) Benzidine	19.58	184	498376	33.32	ng	99
78) Pyrene	19.76	202	1296587	42.71	ng	98
80) Butylbenzylphthalate	20.65	149	536785	40.97	ng	97
81) Benzo(a)anthracene	21.59	228	1330192	44.84	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	497272	42.73	ng	99
83) Chrysene	21.65	228	1272861	44.62	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	785669	43.62	ng	97
85) Di-n-octyl phthalate	22.68	149	1326085	42.87	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1651109	44.27	ng	99
88) Benzo(b)fluoranthene	23.76	252	1385722	44.51	ng	100
89) Benzo(k)fluoranthene	23.82	252	1344800	45.98	ng	98
90) Benzo(a)pyrene	24.61	252	1314686	45.35	ng	97
91) Dibenzo(a,h)anthracene	28.39	278	1322168	45.38	ng	99
92) Benzo(g,h,i)perylene	29.45	276	1321479	45.35	ng	98

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



#1

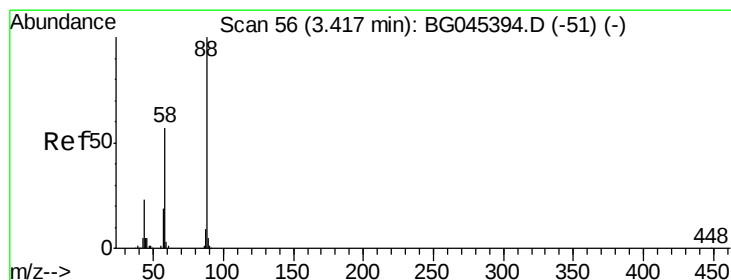
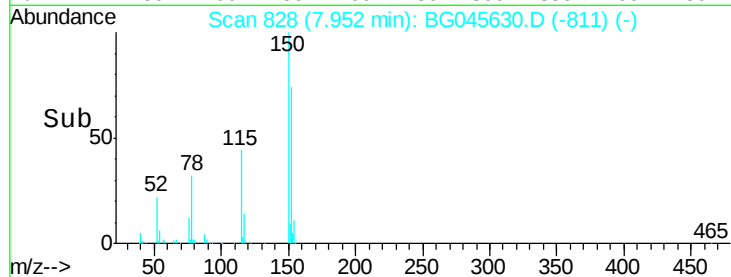
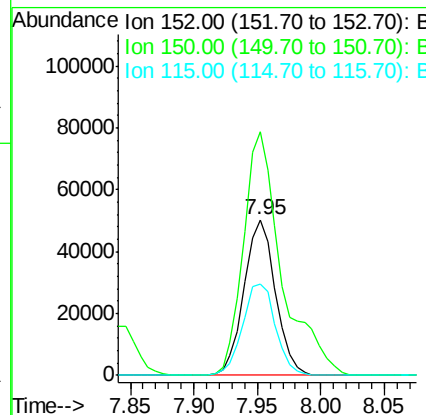
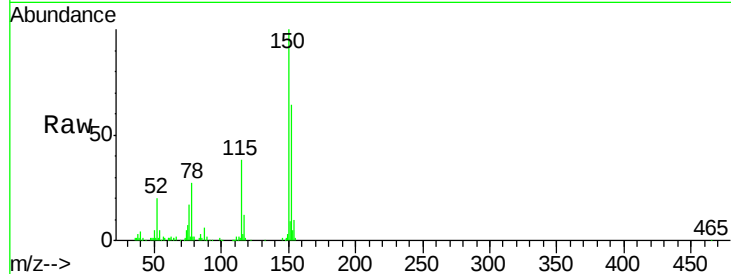
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.4	183.6
115	58.7	44.2	66.4

Manual Integrations
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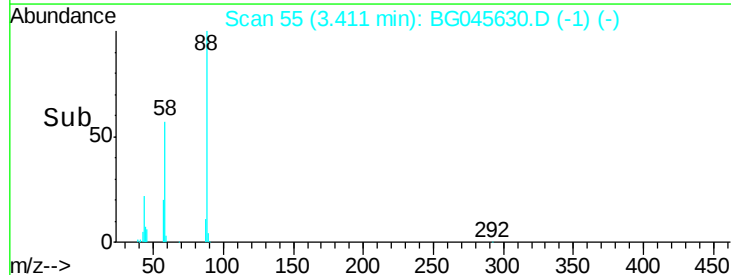
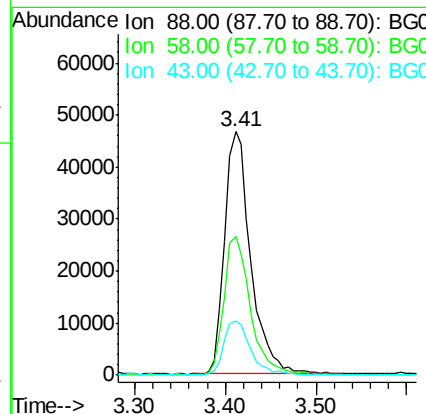
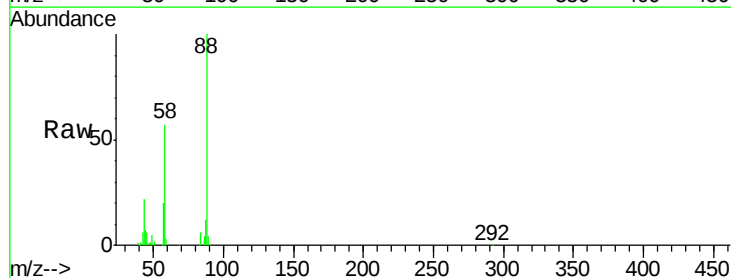
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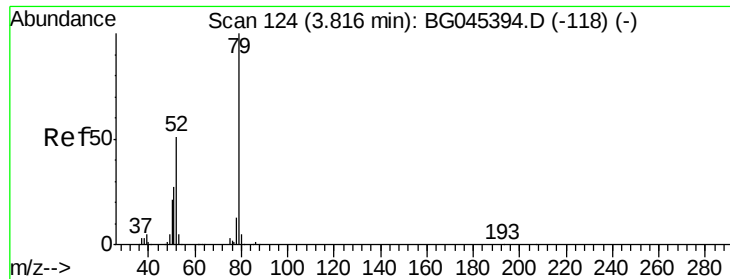


#2

1,4-Dioxane
Concen: 41.62 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.6	45.7	68.5
43	23.5	16.8	25.2





#3

Pyridine

Concen: 43.97 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

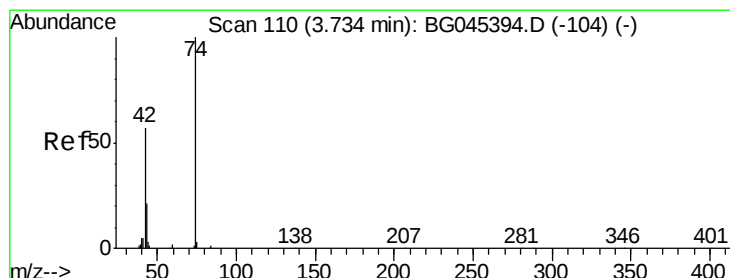
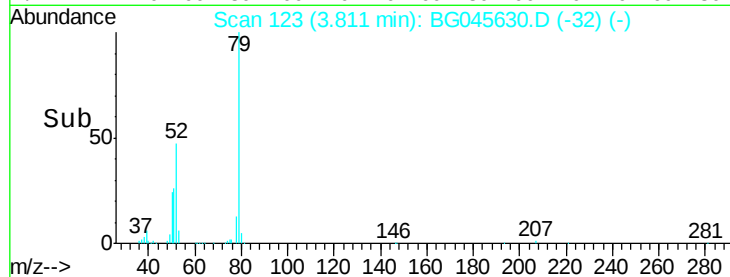
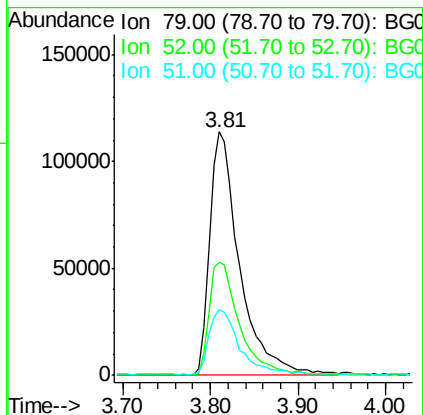
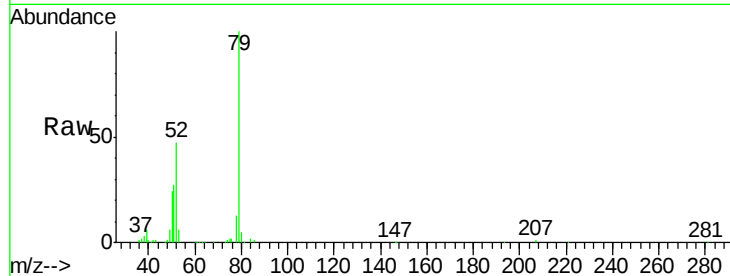
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	46.6	40.8	61.2
51	27.0	21.9	32.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.03 ng

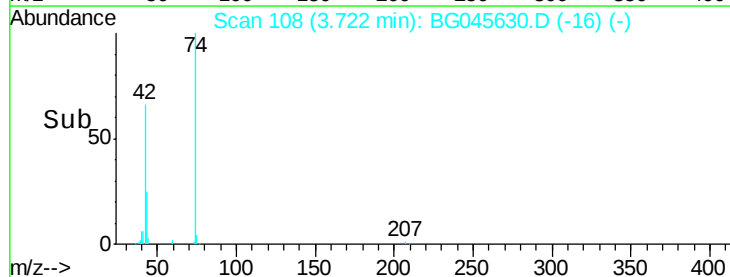
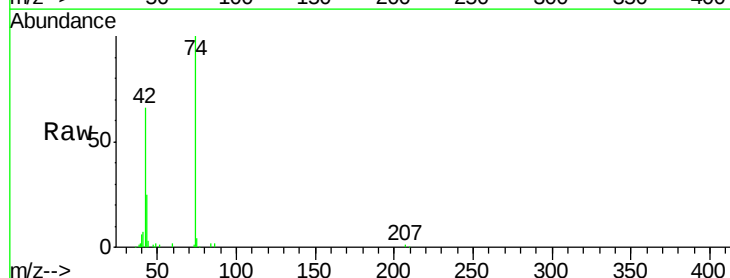
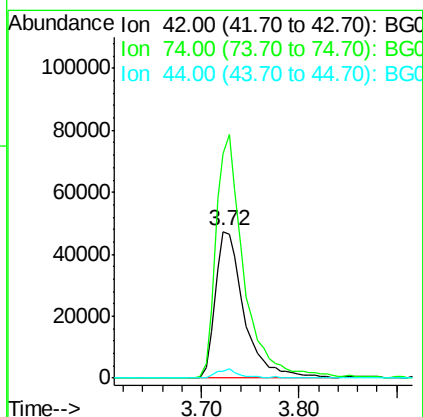
RT: 3.72 min Scan# 108

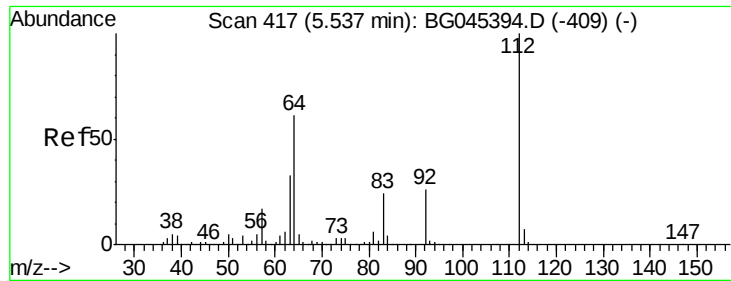
Delta R.T. 0.01 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.6	141.3	211.9
44	4.5	4.2	6.4





#5

2-Fluorophenol

Concen: 90.32 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

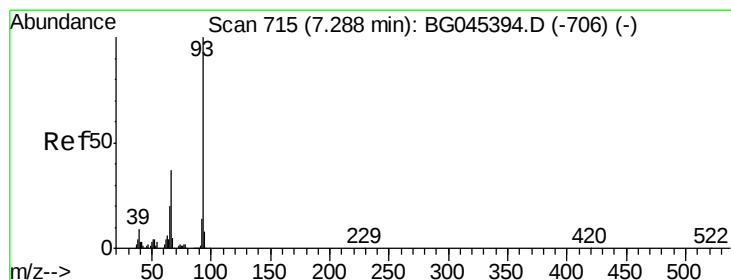
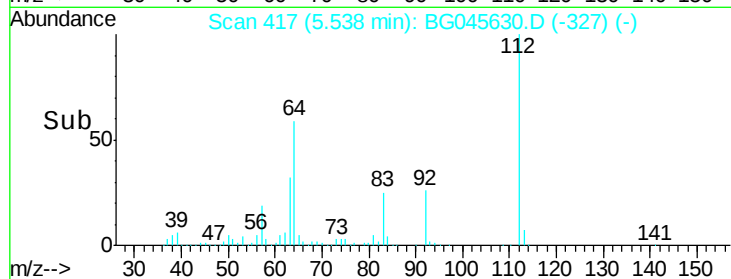
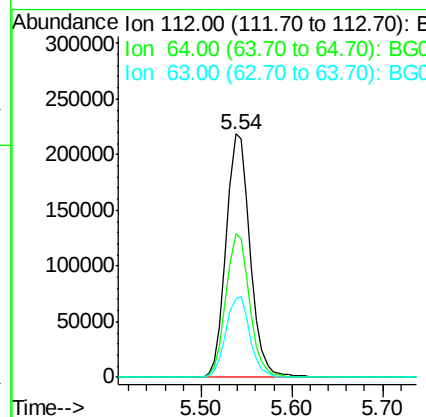
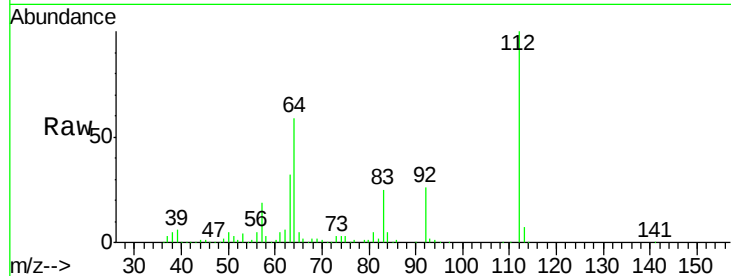
ClientSampled :

SSTDCCC040

Tgt Ion:	112	Resp:	401068
Ion Ratio	Lower	Upper	
112	100		
64	59.2	48.6	72.8
63	32.4	26.5	39.7

Manual Integrations
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#6

Aniline

Concen: 43.15 ng

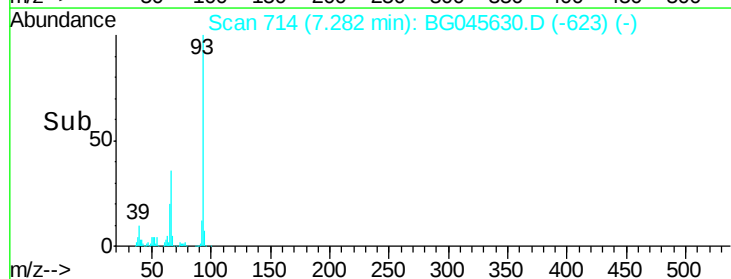
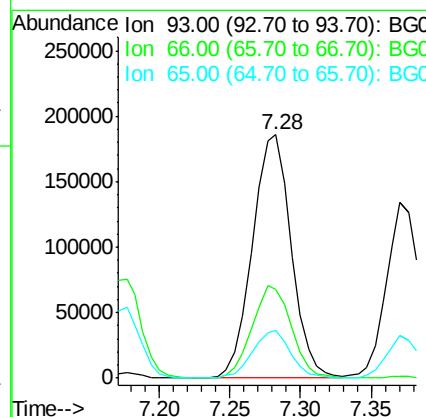
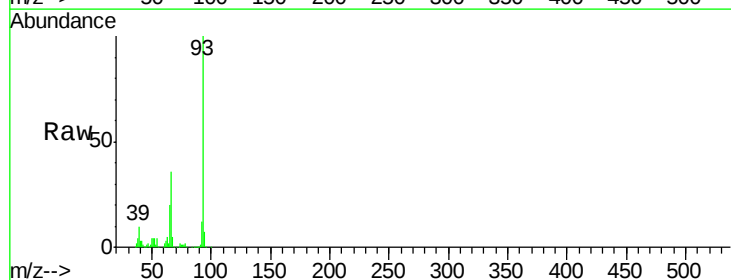
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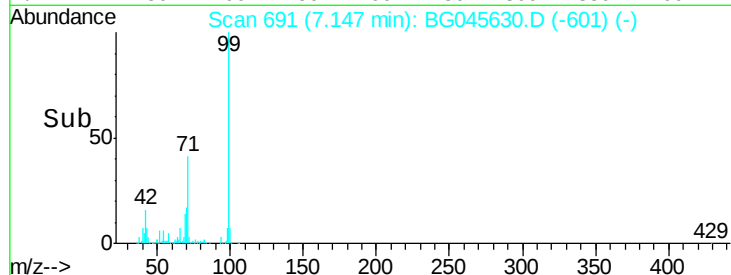
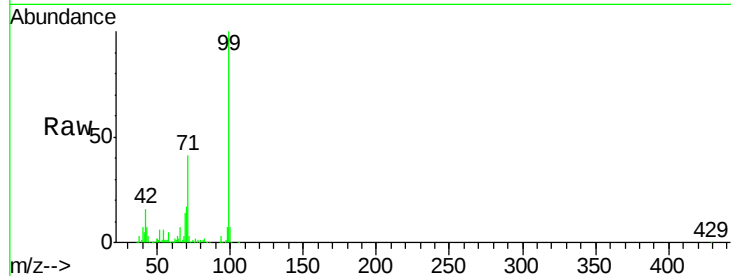
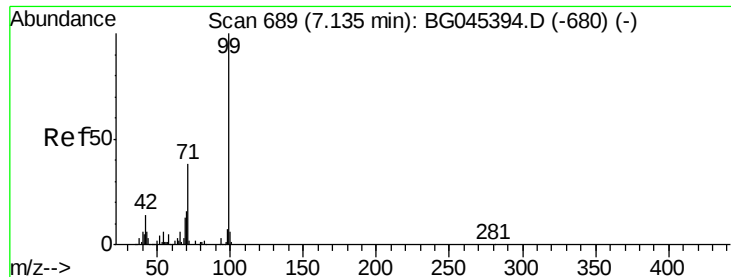
Delta R.T. 0.01 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion:	93	Resp:	355959
Ion Ratio	Lower	Upper	
93	100		
66	36.3	29.6	44.4
65	19.5	15.9	23.9





#7

Phenol-d6

Concen: 91.73 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	579748		
42	15.6	11.3	16.9	
71	41.3	30.8	46.2	

Instrument :

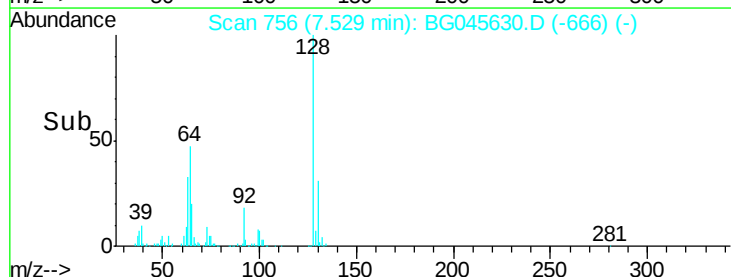
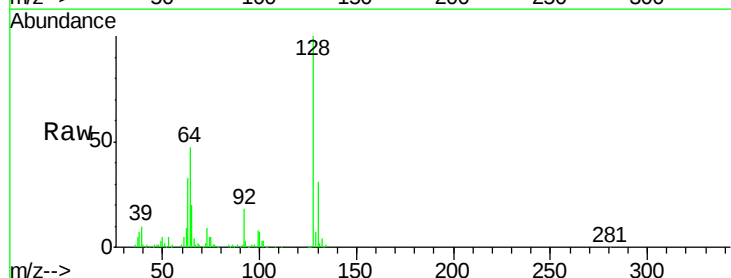
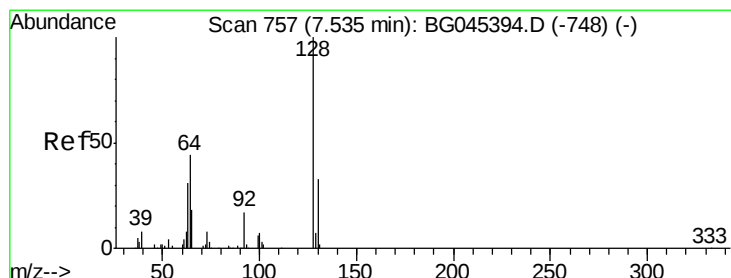
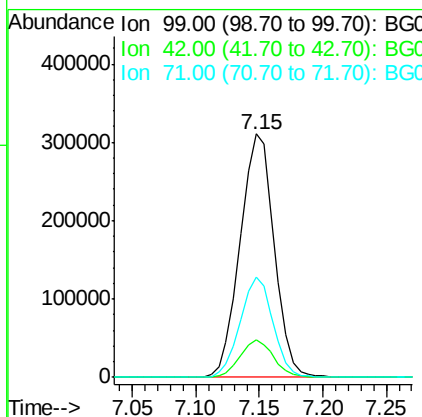
BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.10 ng

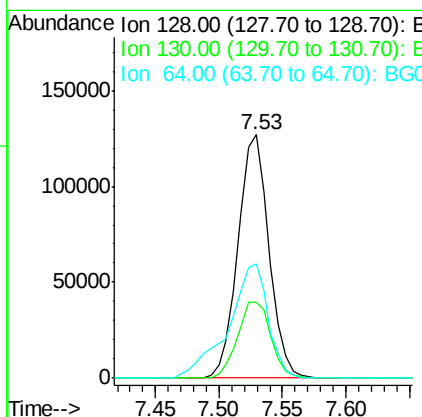
RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	214760		
130	31.4	12.6	52.6	
64	47.0	27.0	67.0	





#9

Benzaldehyde

Concen: 41.97 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

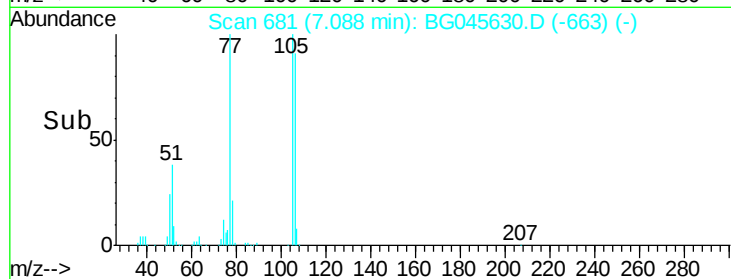
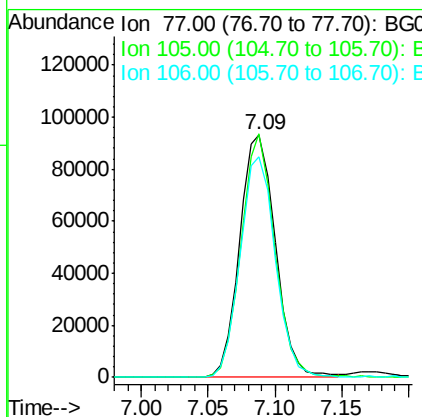
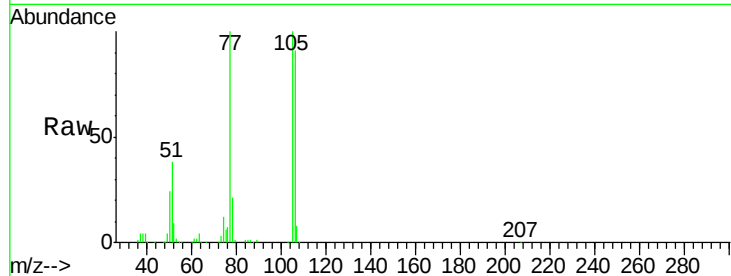
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	172812
Ion Ratio	Lower	Upper	
77	100		
105	100.4	68.5	108.5
106	91.1	71.6	111.6

Manual Integrations
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#10

Phenol

Concen: 45.27 ng

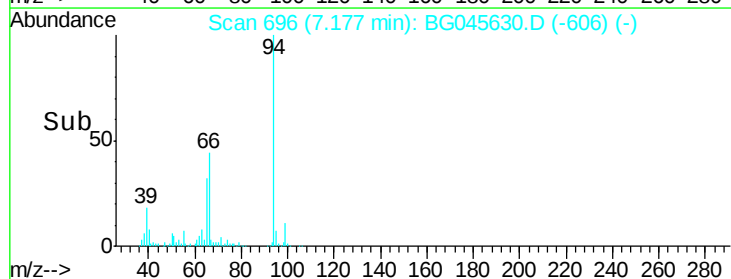
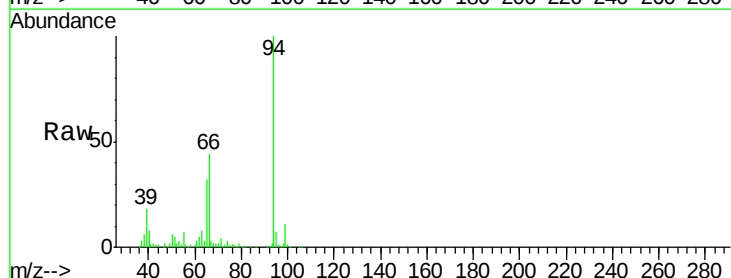
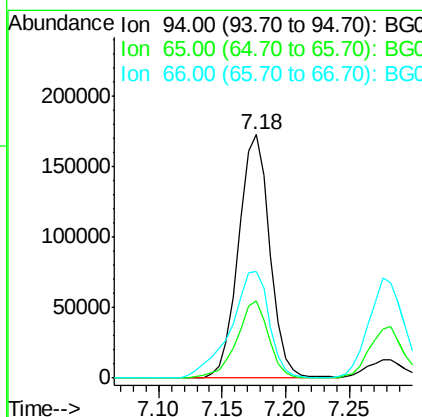
RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion:	94	Resp:	294867
Ion Ratio	Lower	Upper	
94	100		
65	31.6	9.8	49.8
66	44.0	22.0	62.0





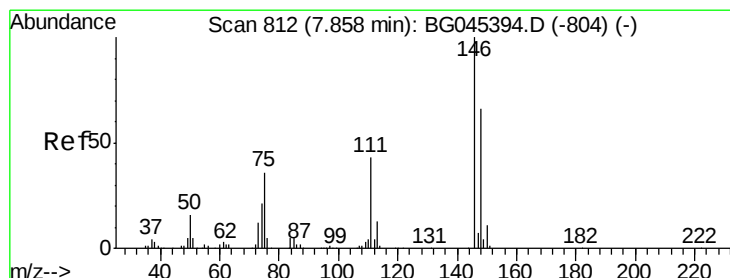
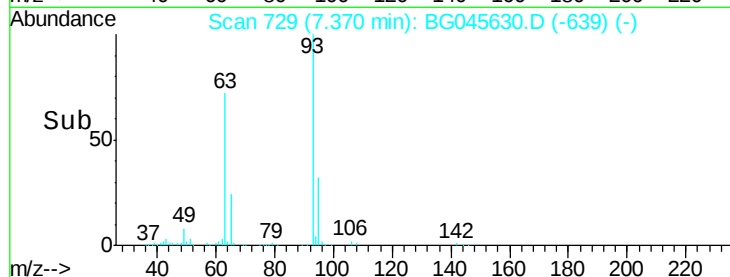
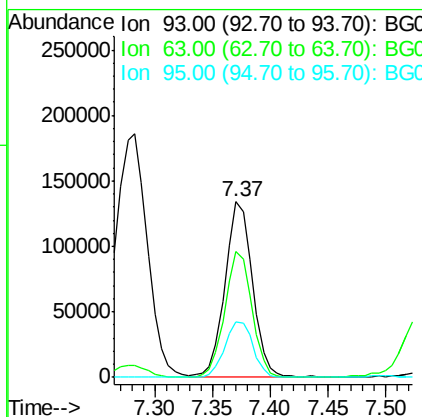
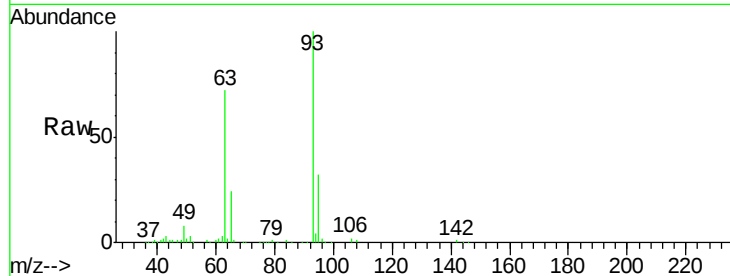
#11
bis(2-Chloroethyl)ether
Concen: 43.33 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	220150		
63	71.7	48.4	88.4	
95	31.9	12.4	52.4	

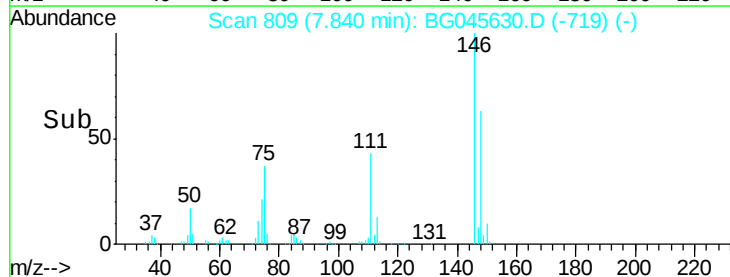
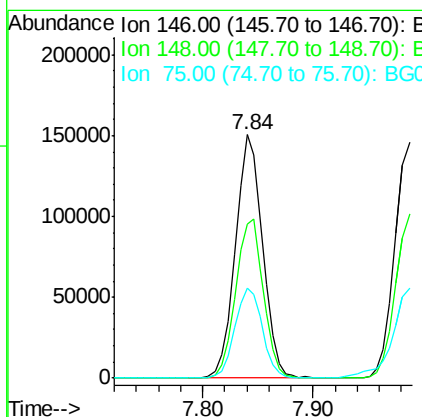
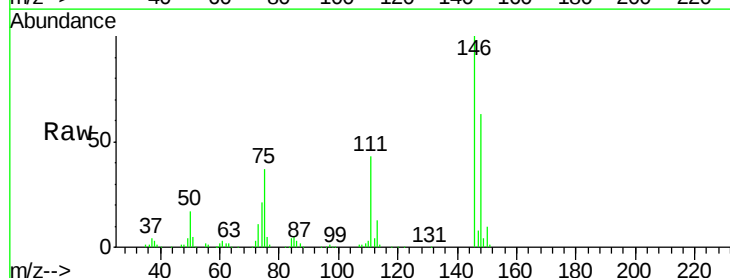
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#12
1,3-Dichlorobenzene
Concen: 44.42 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	259961		
148	63.3	53.2	79.8	
75	36.9	28.6	43.0	





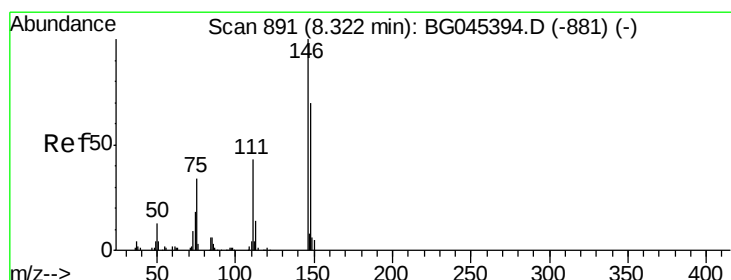
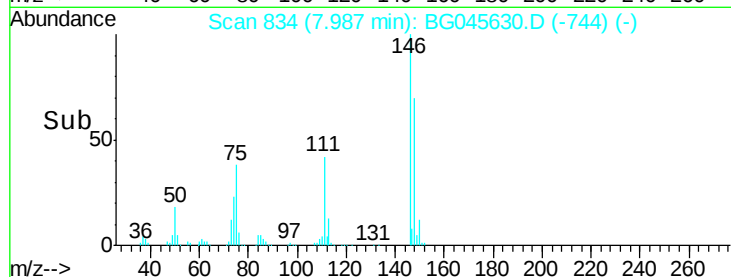
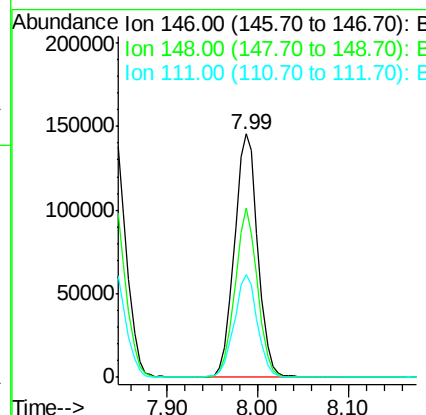
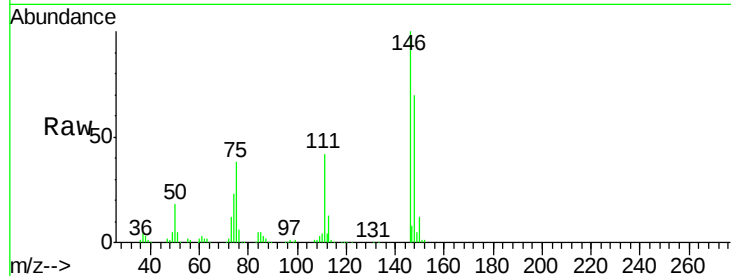
#13
1,4-Dichlorobenzene
Concen: 45.07 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	260275		
148	69.6	51.8	77.8	
111	42.2	32.1	48.1	

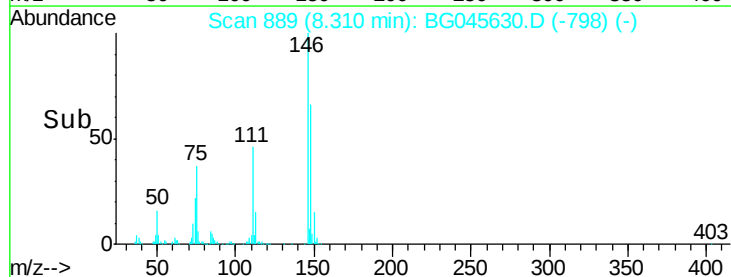
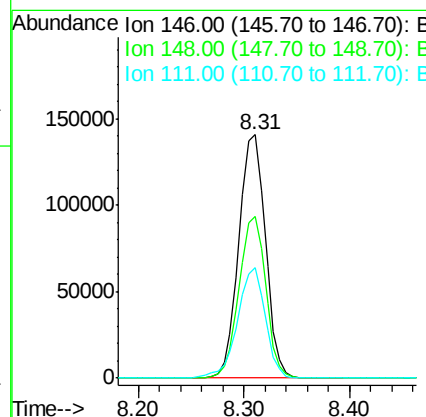
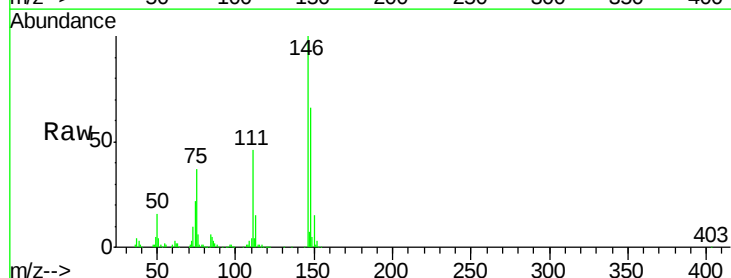
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 44.30 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	246073		
148	66.3	55.9	83.9	
111	45.6	35.0	52.4	





#15

Benzyl Alcohol

Concen: 46.86 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

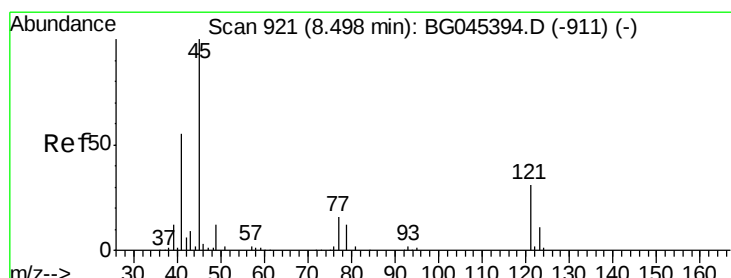
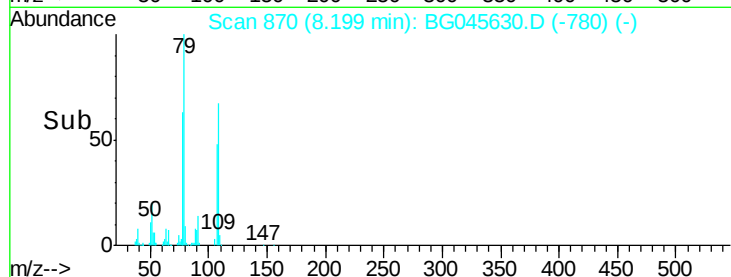
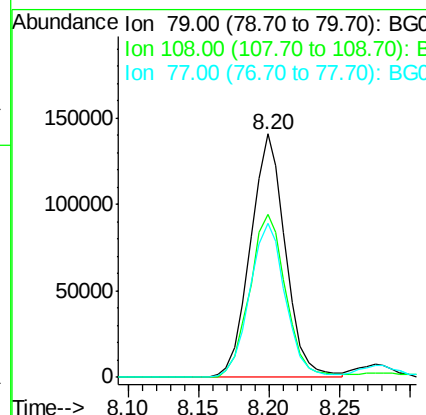
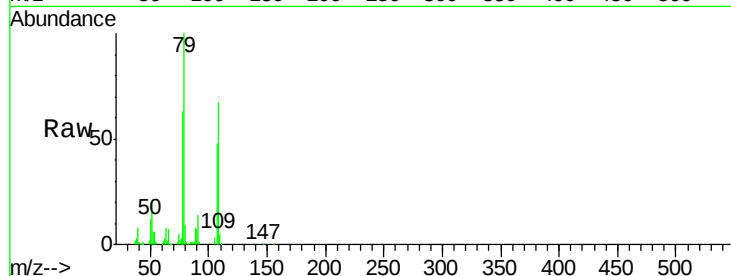
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	244633
Ion Ratio	Lower	Upper	
79	100		
108	66.8	58.2	87.4
77	63.4	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.41 ng

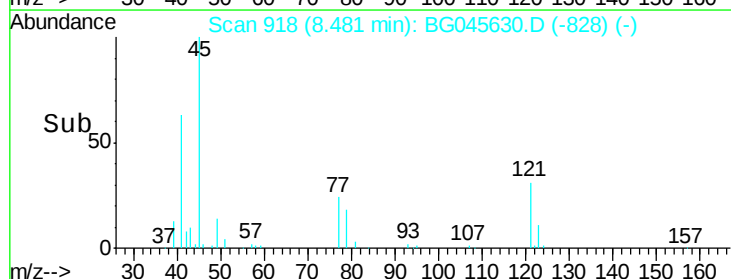
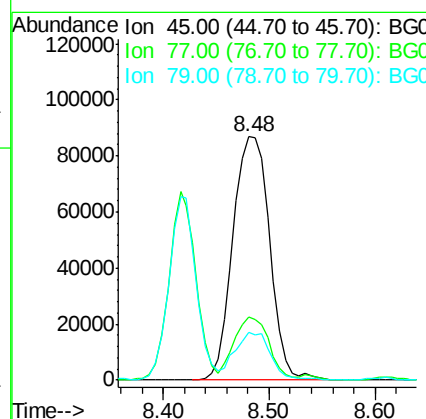
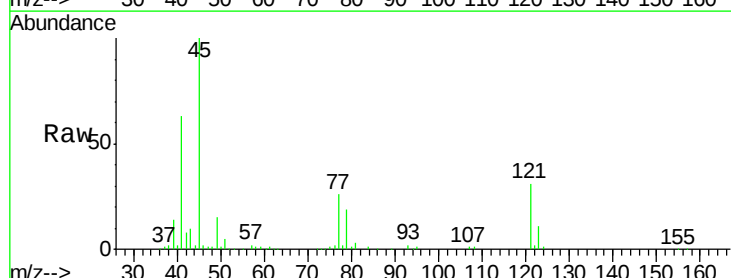
RT: 8.48 min Scan# 918

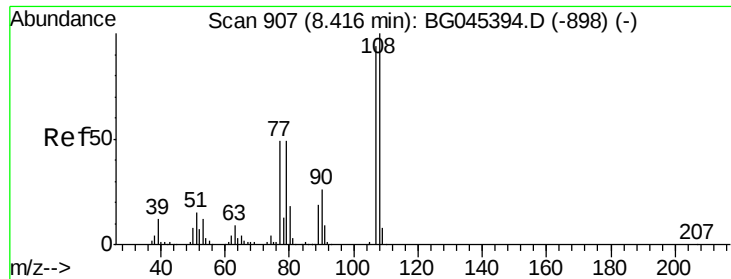
Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion:	45	Resp:	209365
Ion Ratio	Lower	Upper	
45	100		
77	25.9	4.0	44.0
79	19.4	0.0	38.6





#17

2-Methylphenol

Concen: 45.34 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

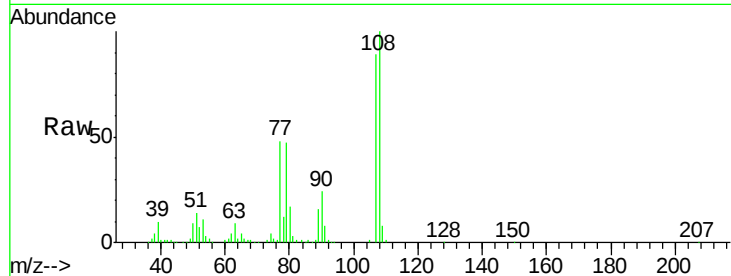
ClientSampleId :

SSTDCCC040

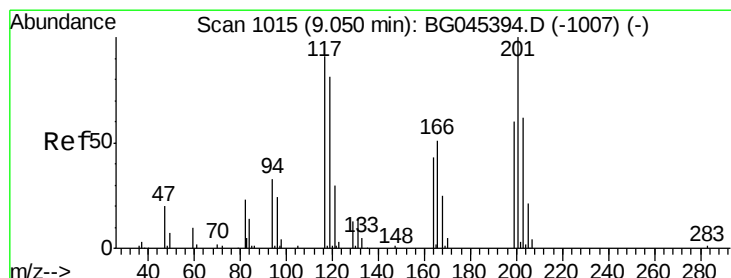
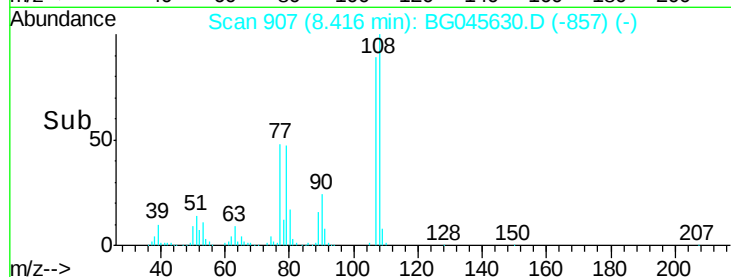
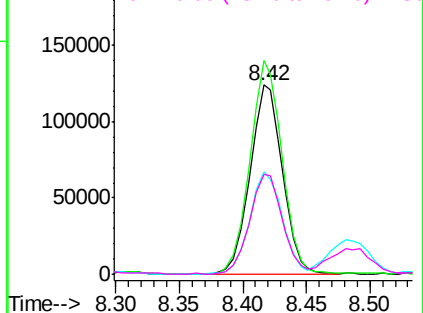
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	85.2	127.8	
77	54.3	41.6	62.4	
79	52.5	41.8	62.8	

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



#18

Hexachloroethane

Concen: 45.74 ng

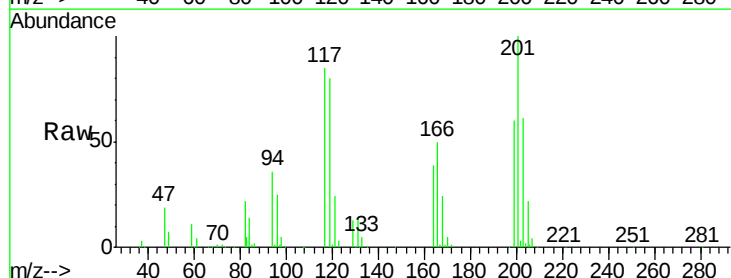
RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

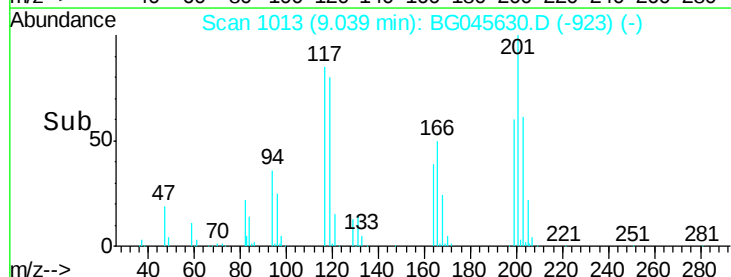
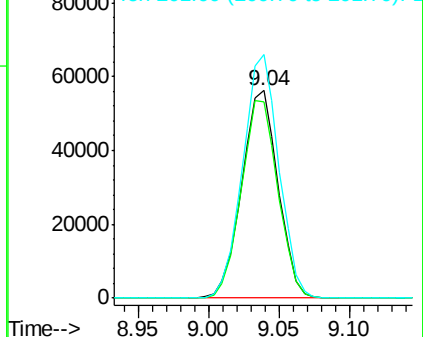
Lab File: BG045630.D

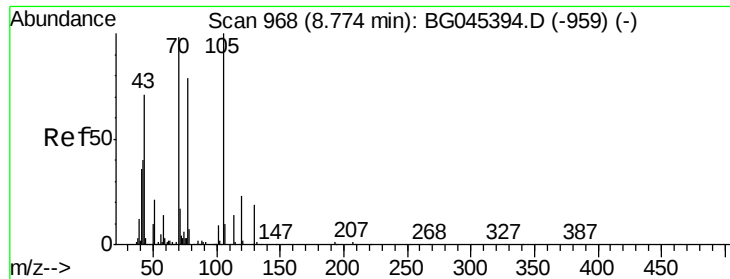
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	71.3	106.9	
201	117.3	87.5	131.3	



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





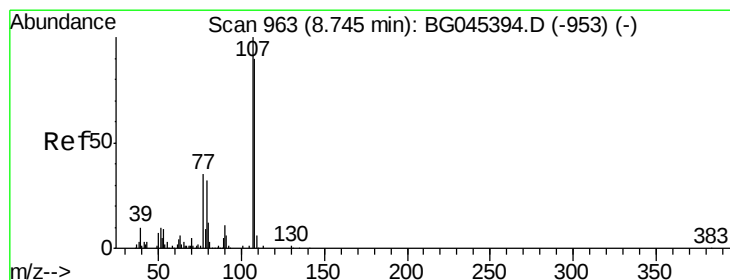
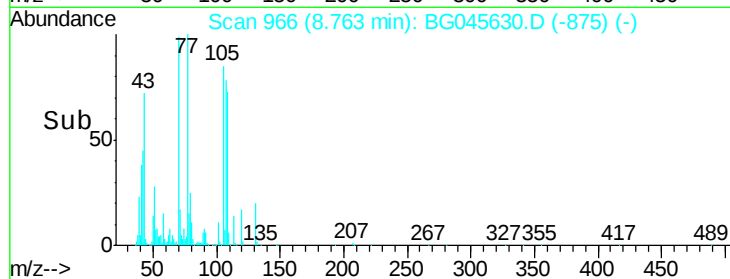
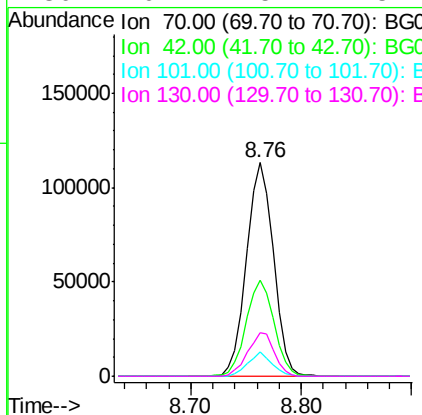
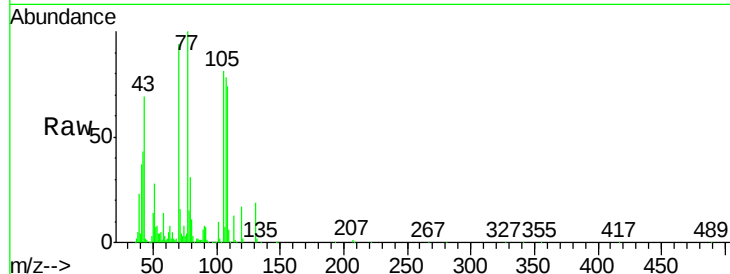
#19
n-Nitroso-di-n-propylamine
Concen: 44.65 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.2	33.2	49.8
101	11.1	7.8	11.6
130	20.2	15.4	23.2

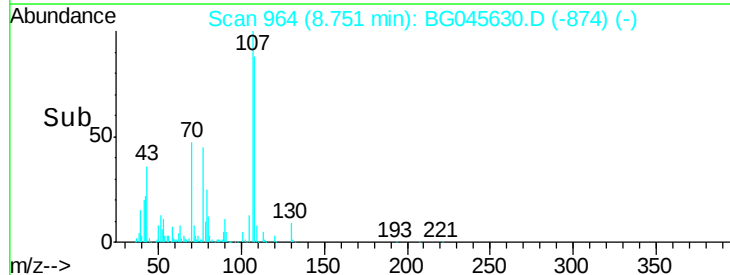
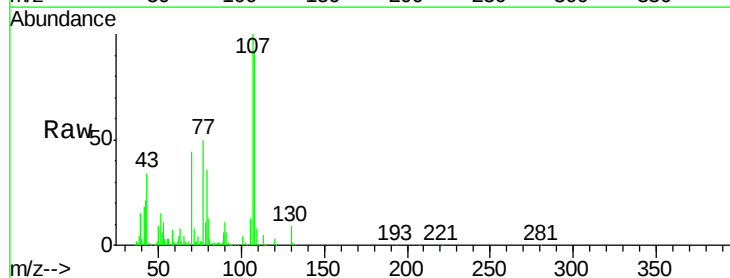
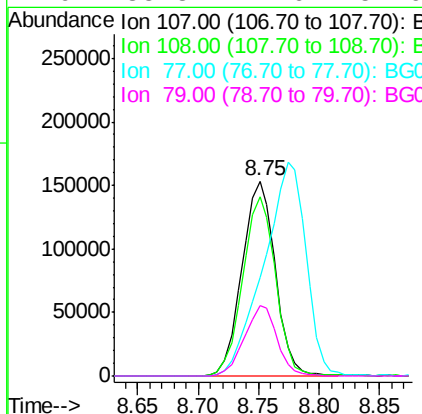
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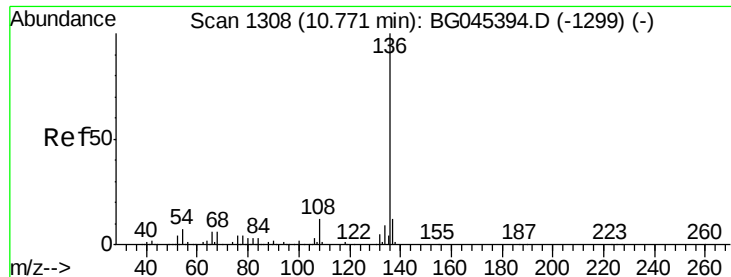
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#20
3+4-Methylphenols
Concen: 44.39 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.3	110.3
77	50.4	15.4	55.4
79	35.8	12.6	52.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

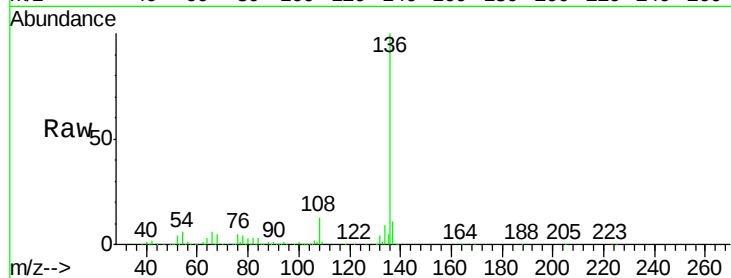
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	339923		
137	11.1	9.4	14.2	
54	6.2	5.8	8.6	
68	5.0	4.5	6.7	

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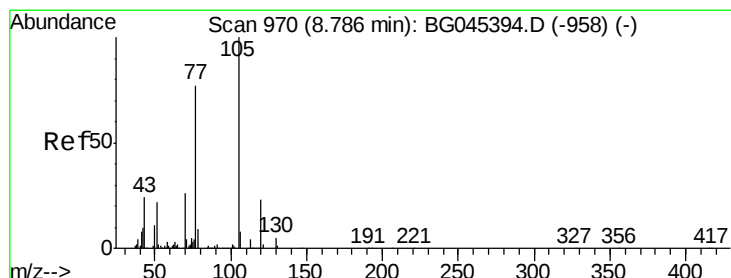
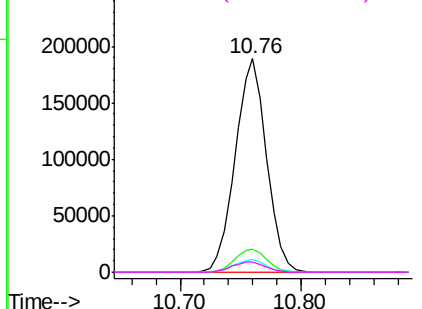
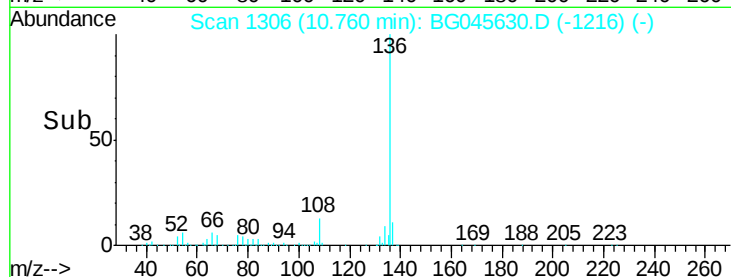
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.31 ng

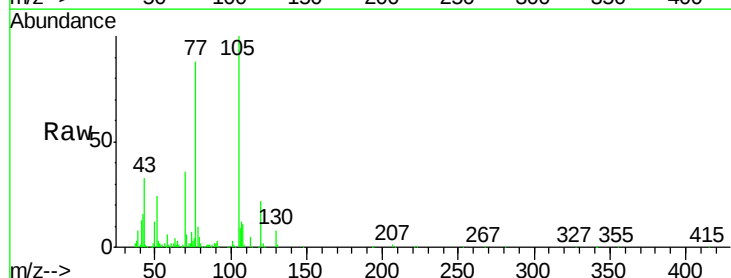
RT: 8.77 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	356990		
71	6.0	3.4	5.0#	
51	24.2	18.2	27.2	
120	22.4	18.6	27.8	



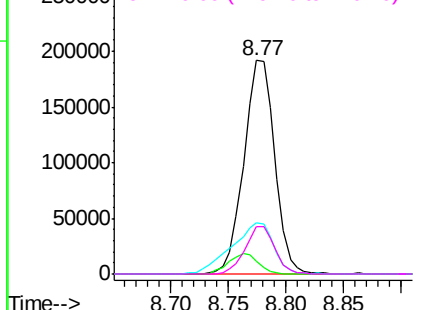
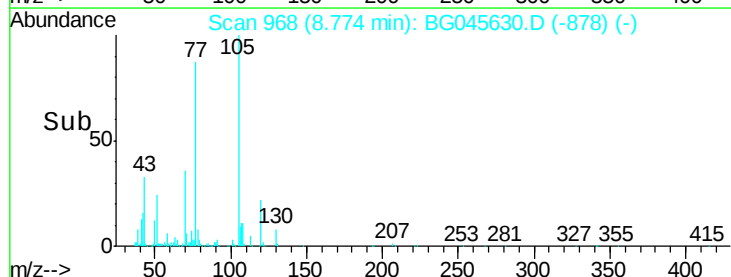
Abundance

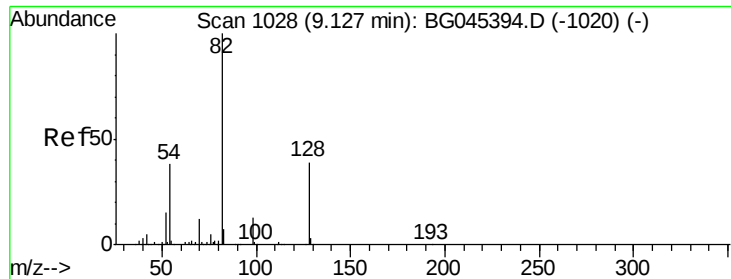
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





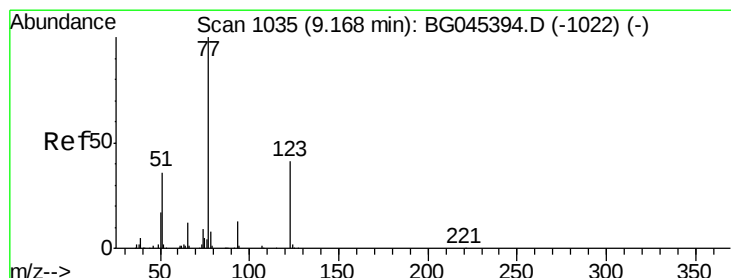
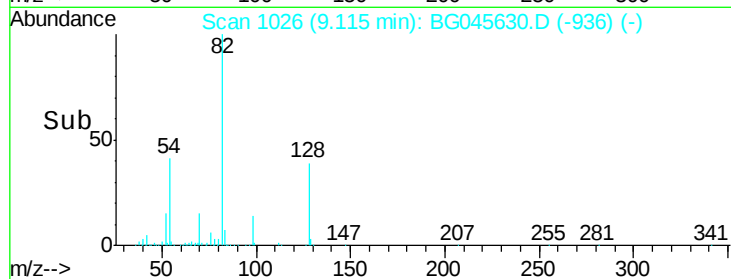
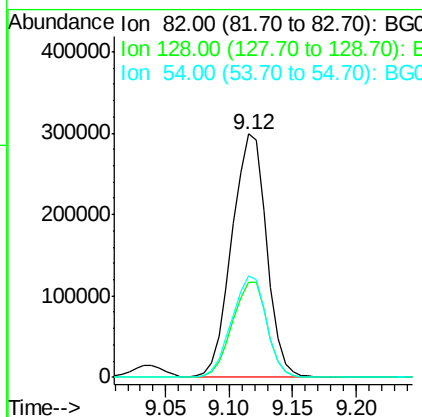
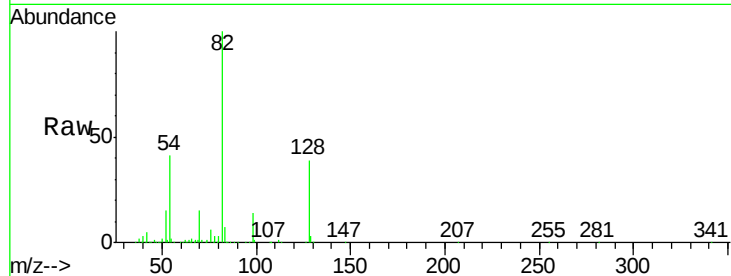
#23
 Nitrobenzene-d5
 Concen: 90.56 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	39.0	30.9	46.3
54	41.5	30.3	45.5

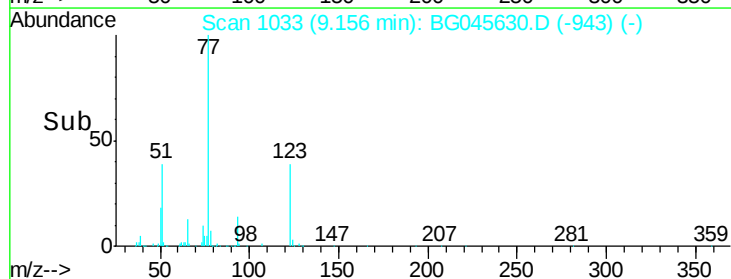
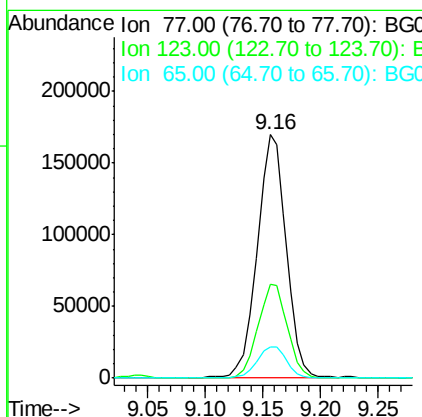
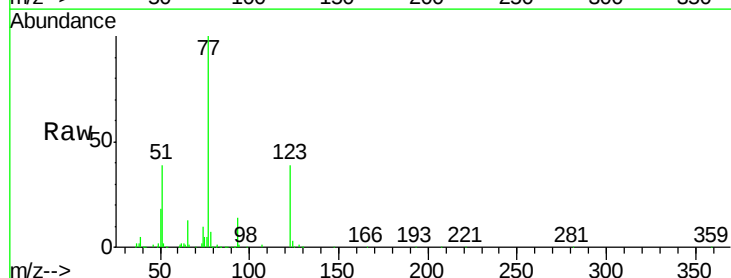
Manual Integrations
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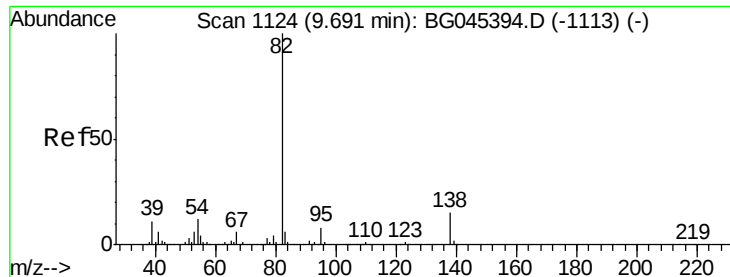
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#24
 Nitrobenzene
 Concen: 44.68 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	38.7	32.9	49.3
65	13.0	9.4	14.2





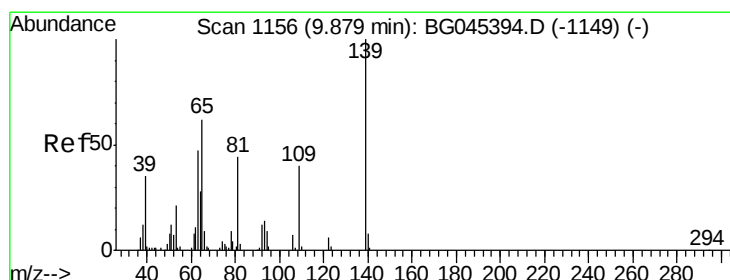
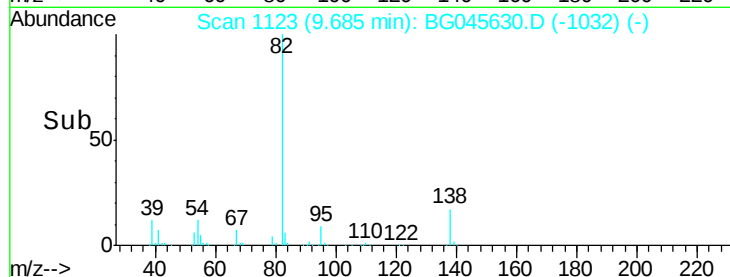
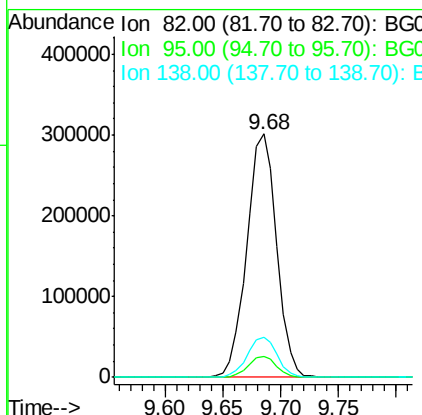
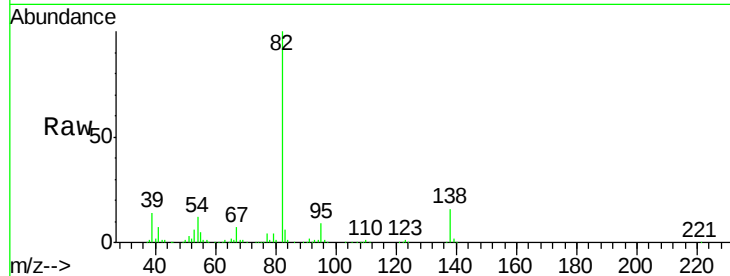
#25
Isophorone
Concen: 44.10 ng
RT: 9.68 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	8.6	6.7	10.1
138	16.5	12.2	18.4

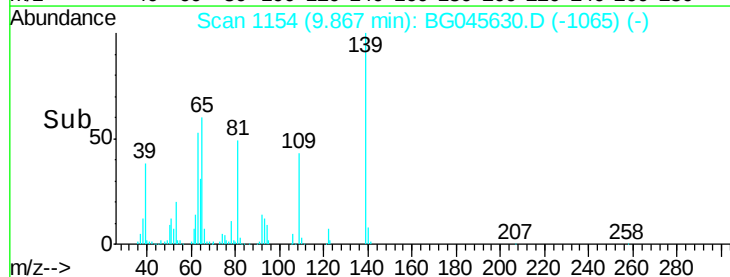
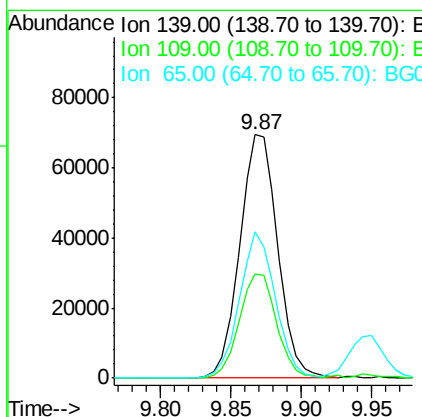
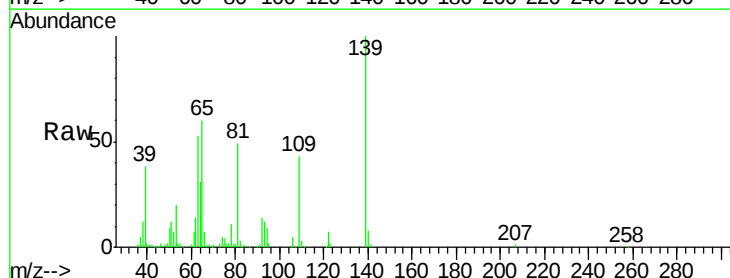
Manual Integrations
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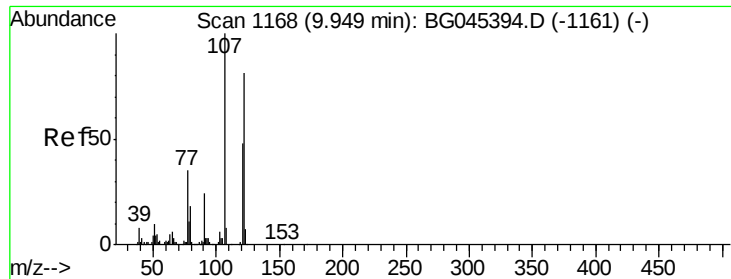
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#26
2-Nitrophenol
Concen: 45.74 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	42.7	32.2	48.4
65	60.2	49.6	74.4





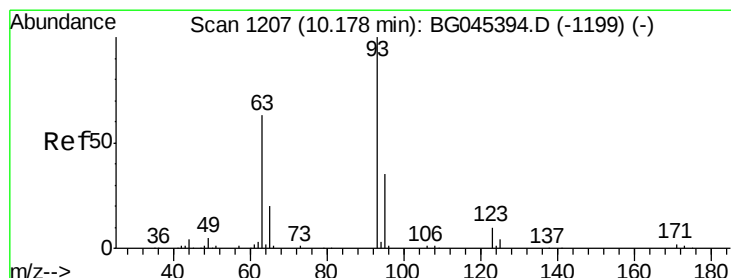
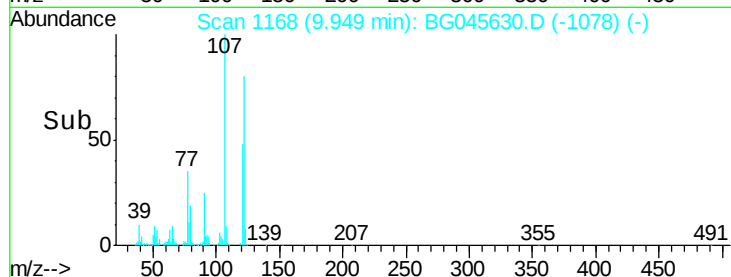
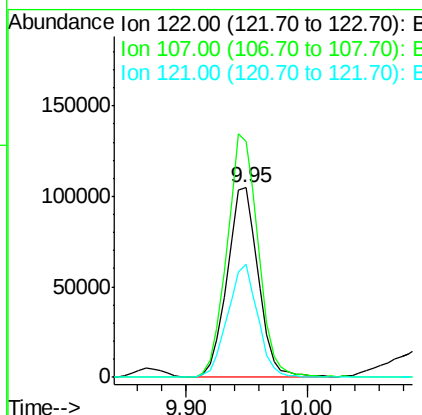
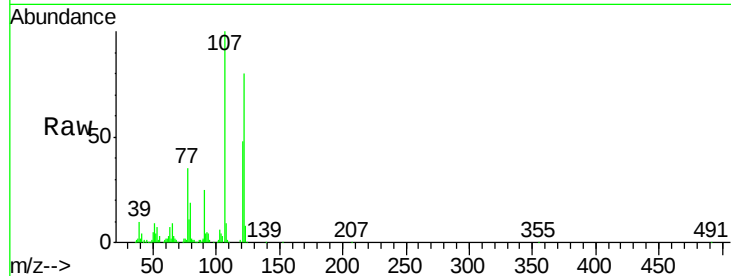
#27
2,4-Dimethylphenol
Concen: 44.14 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	187050		
107	124.7	99.0	148.4	
121	59.6	47.7	71.5	

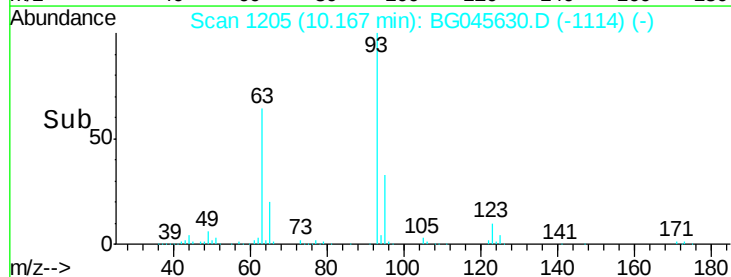
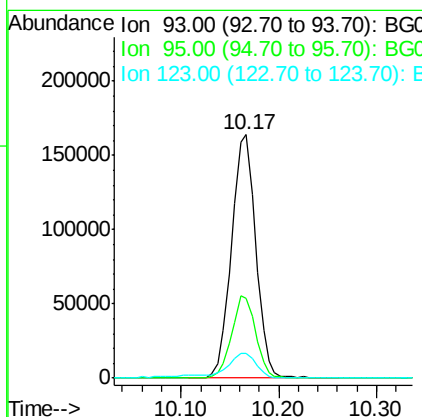
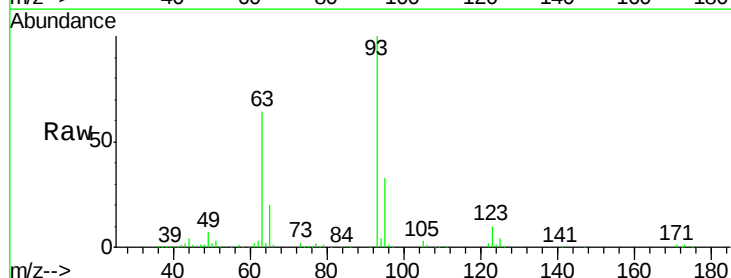
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#28
bis(2-Chloroethoxy)methane
Concen: 43.92 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	282750		
95	32.9	27.6	41.4	
123	10.3	8.1	12.1	





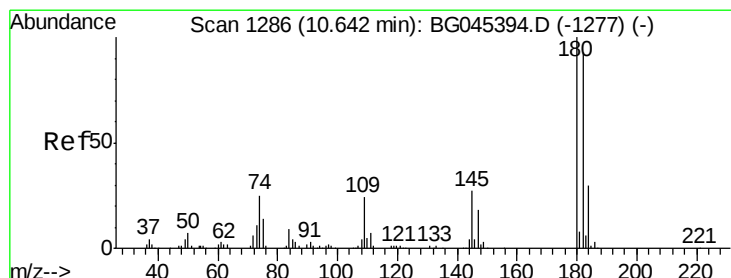
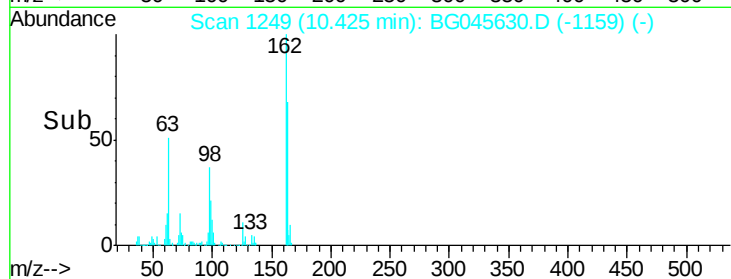
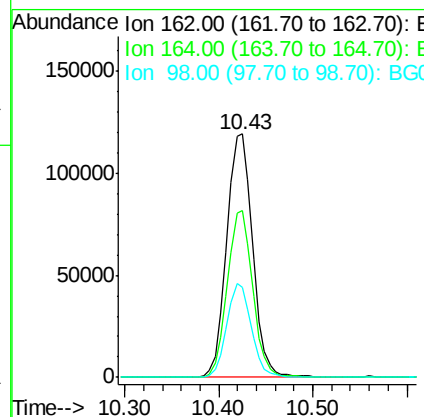
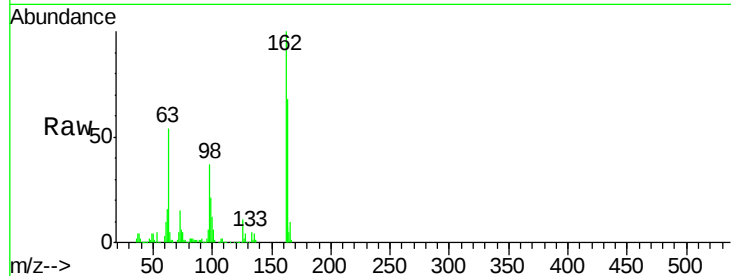
#29
 2,4-Dichlorophenol
 Concen: 46.02 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	230254		
164	68.5	46.8	86.8	
98	37.0	15.2	55.2	

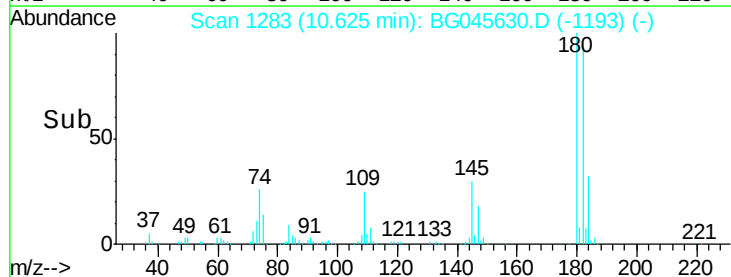
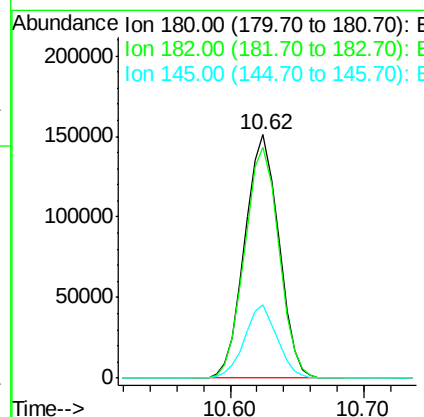
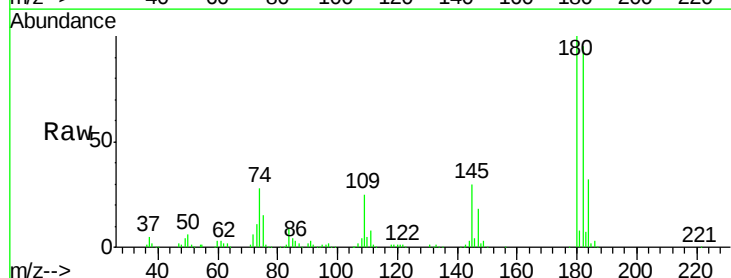
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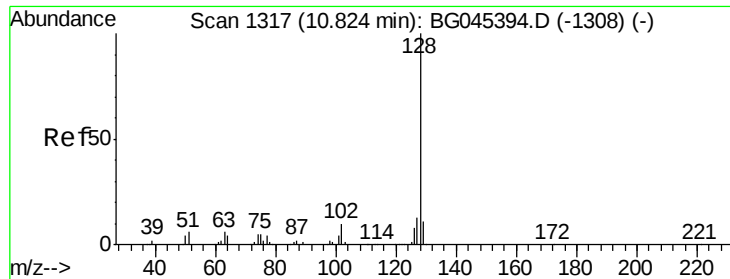
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.13 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	266814		
182	95.0	74.8	112.2	
145	30.2	21.9	32.9	





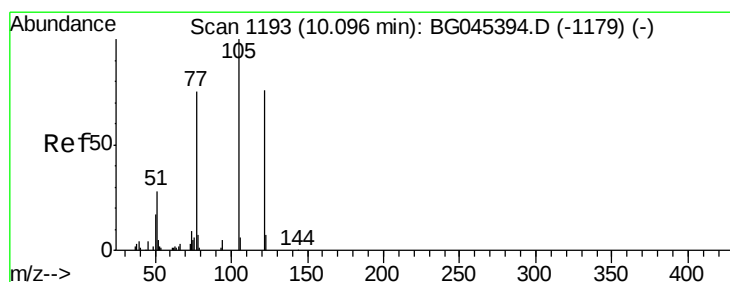
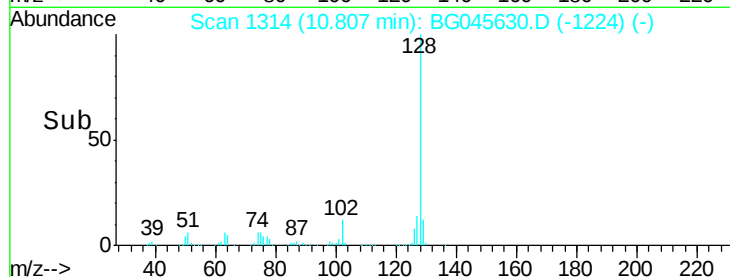
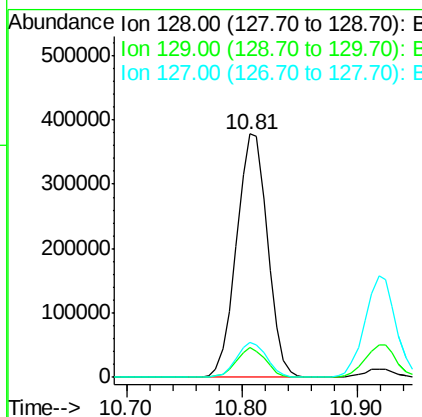
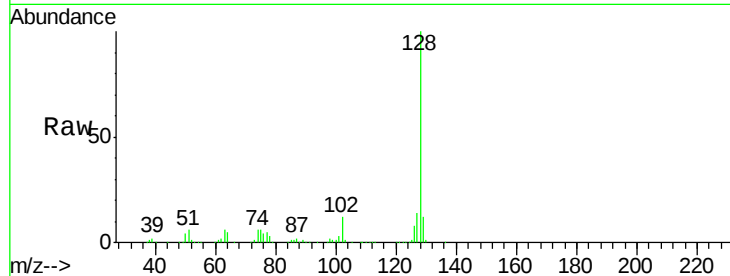
#31
Naphthalene
Concen: 44.44 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	12.3	9.0	13.6
127	14.1	10.7	16.1

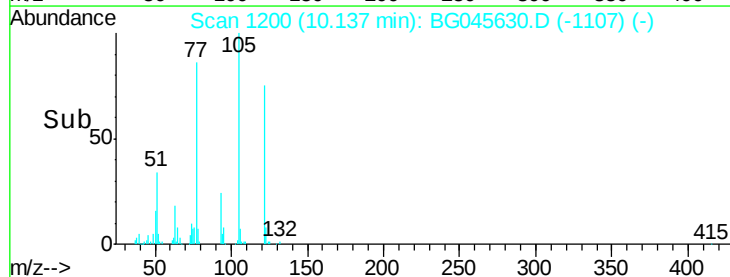
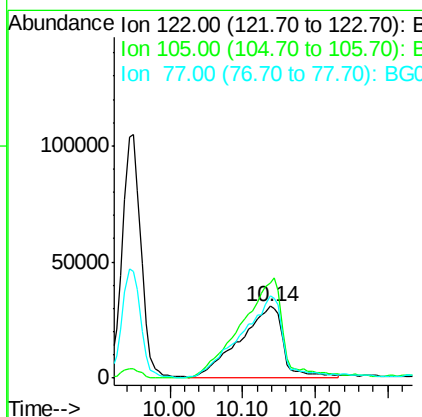
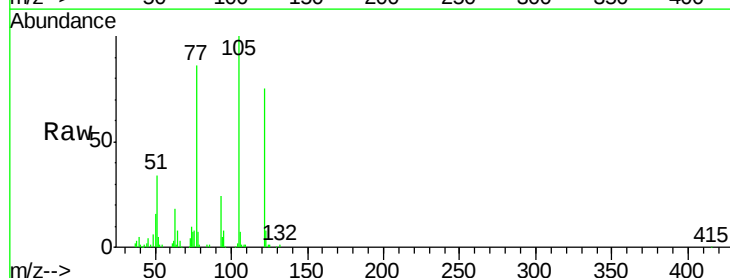
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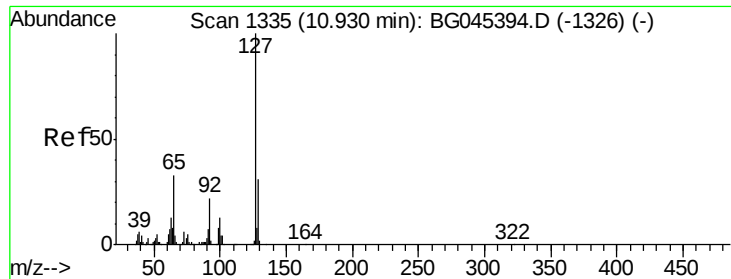
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#32
Benzoic acid
Concen: 44.59 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.02 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	133.5	107.9	147.9
77	114.2	78.9	118.9





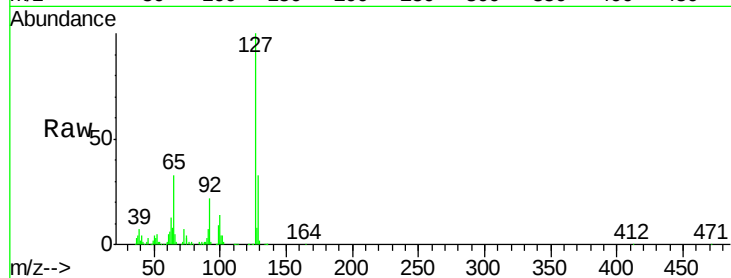
#33
4-Chloroaniline
Concen: 45.05 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

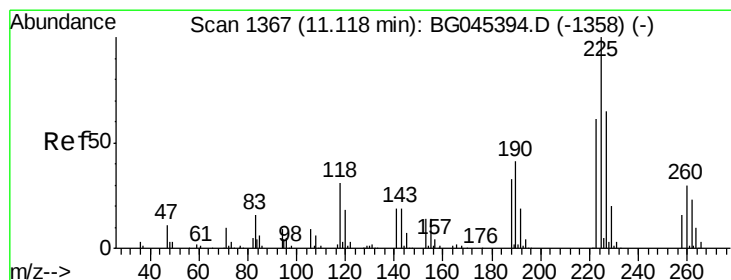
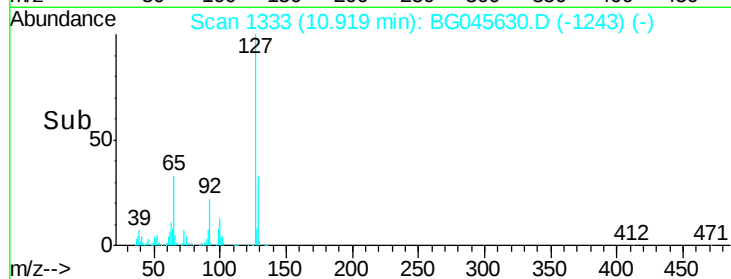
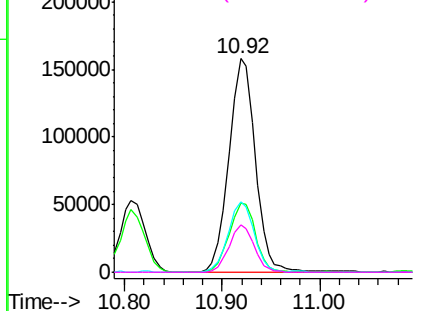
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	298293		
129	32.5	24.7	37.1	
65	32.8	26.2	39.2	
92	22.4	17.9	26.9	

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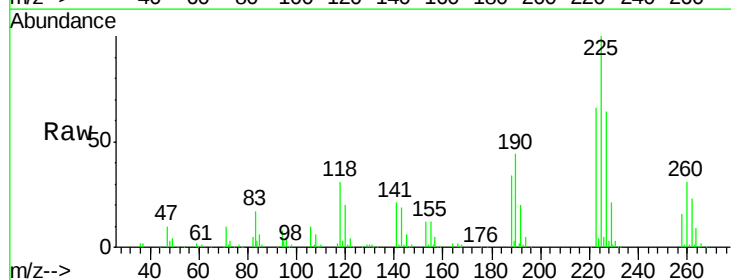


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

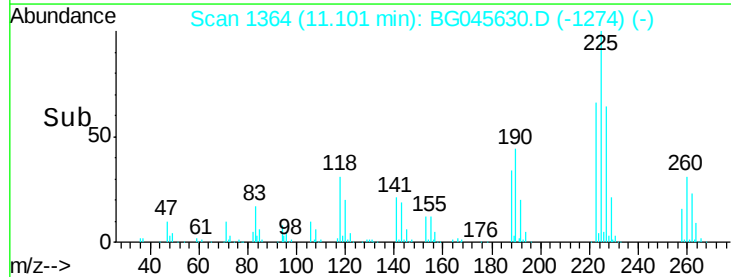
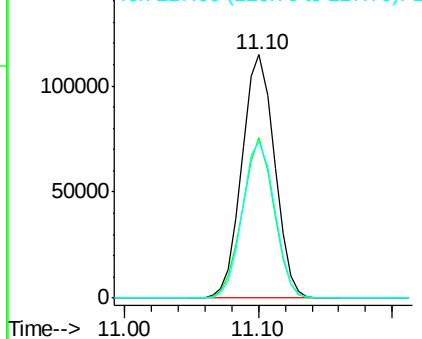


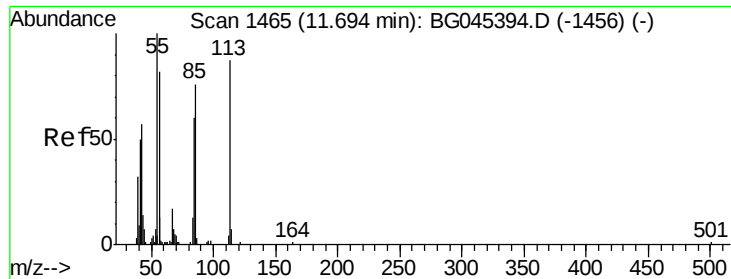
#34
Hexachlorobutadiene
Concen: 46.39 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	193902		
223	65.6	49.1	73.7	
227	64.1	52.0	78.0	



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





#35

Caprolactam

Concen: 42.91 ng

RT: 11.72 min Scan# 1469

Delta R.T. 0.03 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

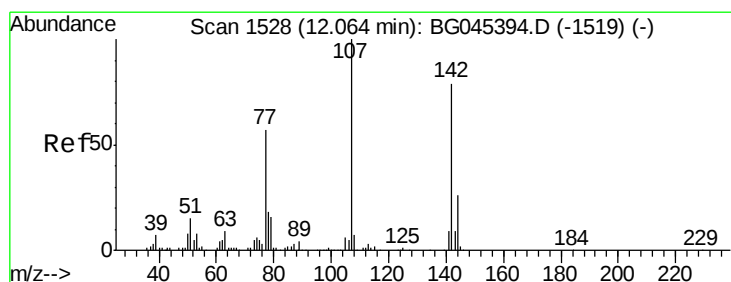
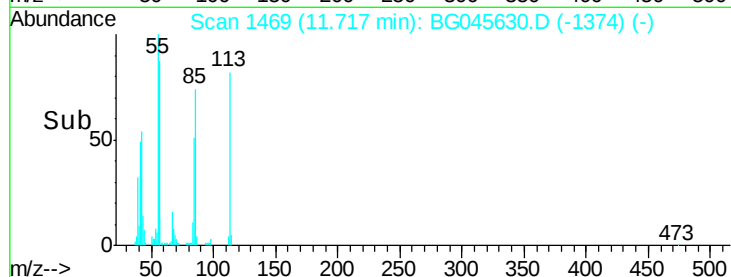
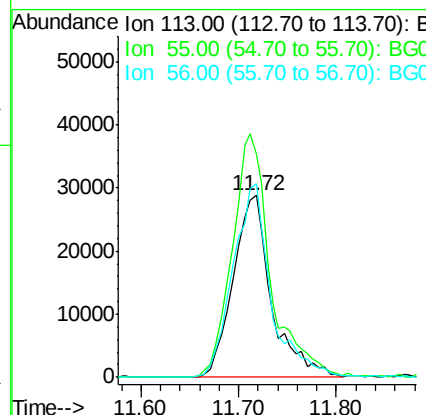
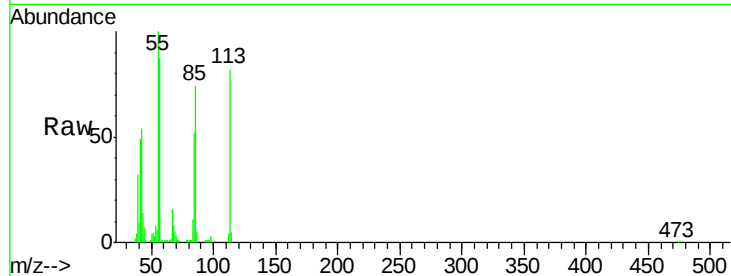
ClientSampleId :

SSTDCCC040

Tgt Ion:	113	Resp:	78816
Ion Ratio	Lower	Upper	
113	100		
55	122.5	96.0	136.0
56	106.4	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 46.36 ng

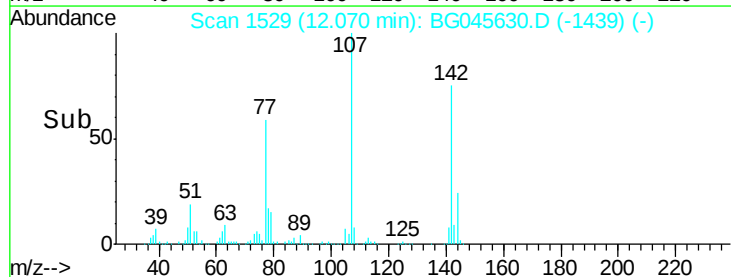
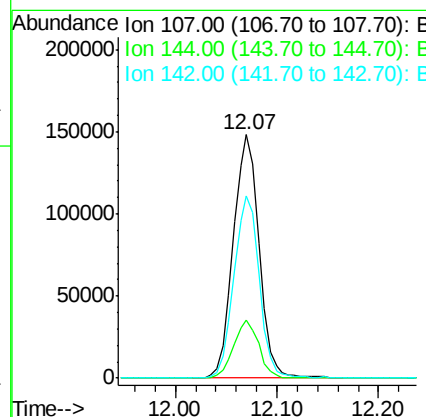
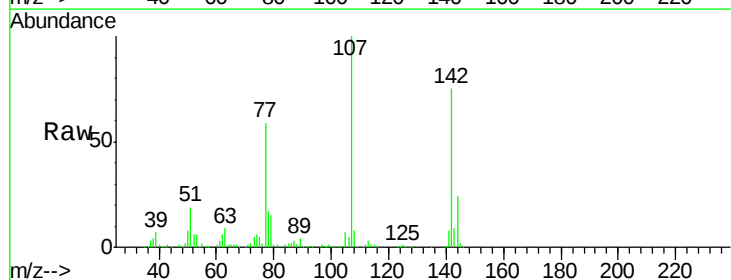
RT: 12.07 min Scan# 1529

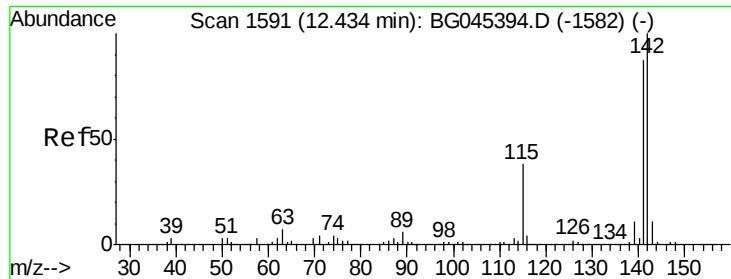
Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion:	107	Resp:	261388
Ion Ratio	Lower	Upper	
107	100		
144	23.9	20.8	31.2
142	74.8	62.8	94.2





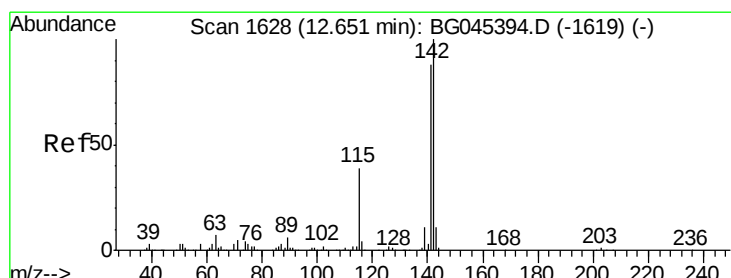
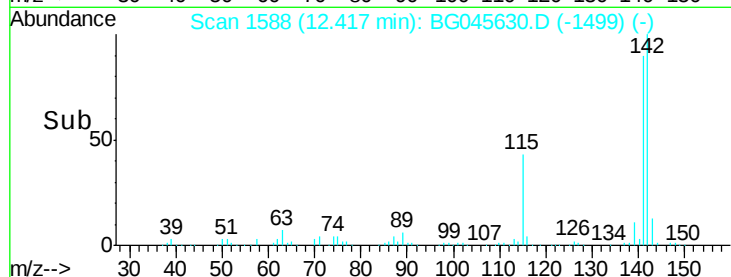
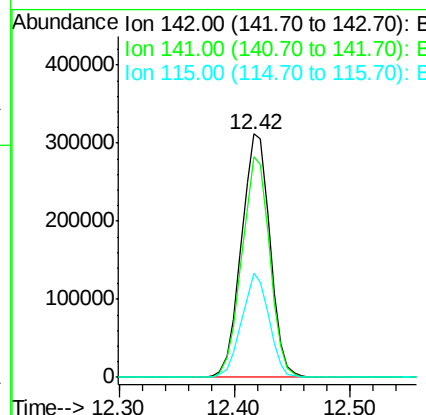
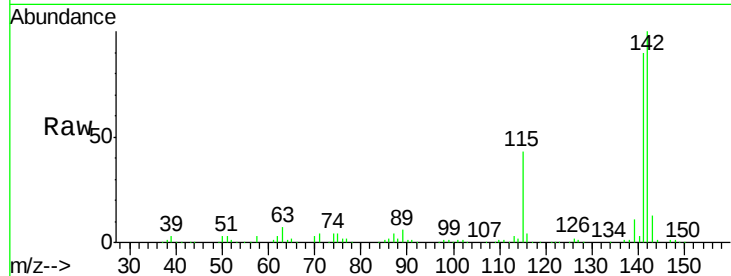
#37
2-Methylnaphthalene
Concen: 45.35 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.0	105.0
115	42.6	30.8	46.2

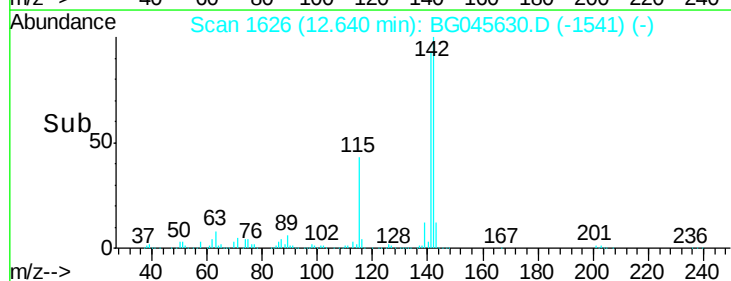
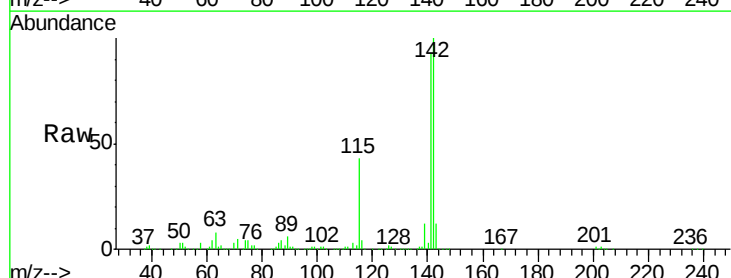
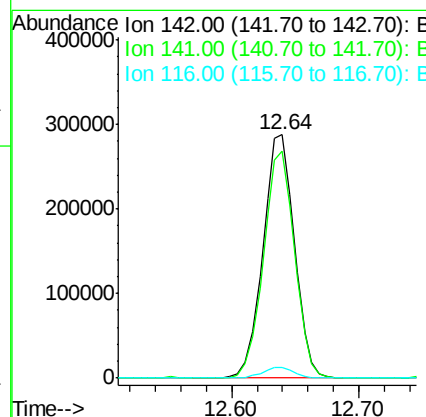
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#38
1-Methylnaphthalene
Concen: 44.43 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.8	106.2
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

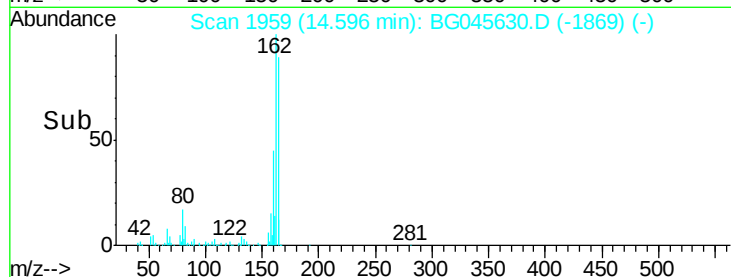
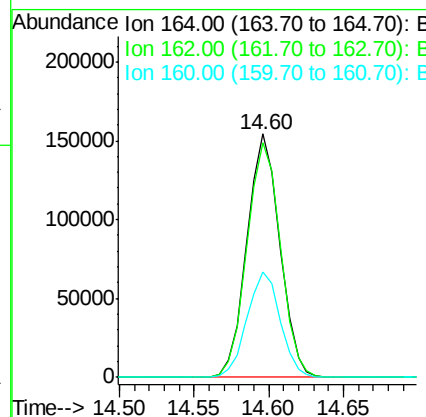
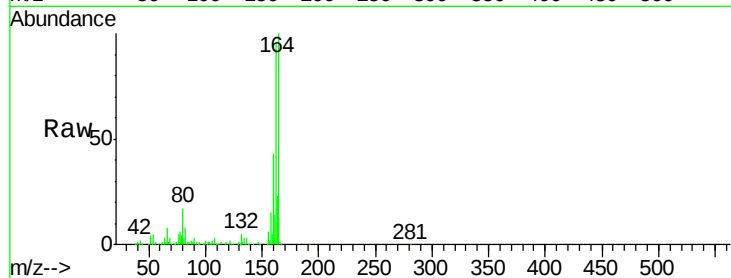
ClientSampleId :

SSTDCCC040

Tgt Ion:	164	Resp:	234620
Ion Ratio	Lower	Upper	
164	100		
162	96.4	76.9	115.3
160	43.2	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.16 ng

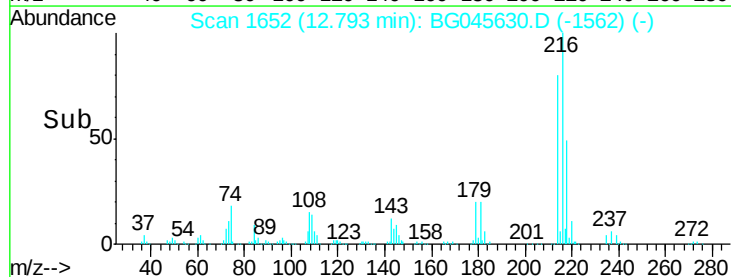
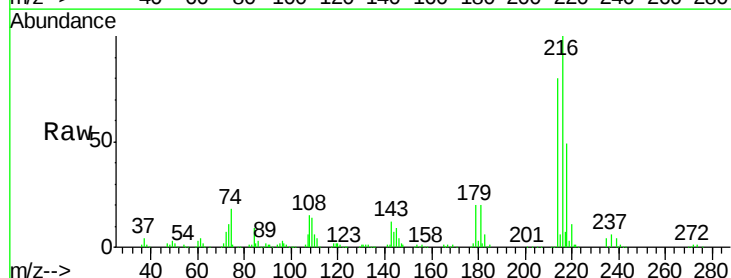
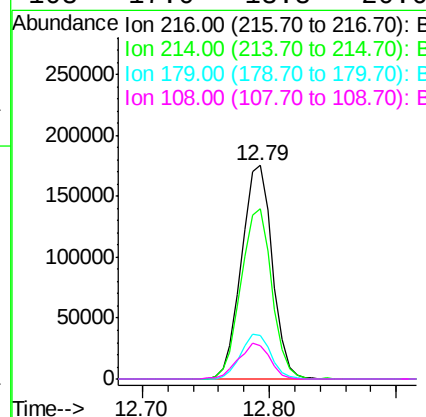
RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion:	216	Resp:	295948
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.7	95.5
179	20.4	16.1	24.1
108	17.0	13.8	20.6





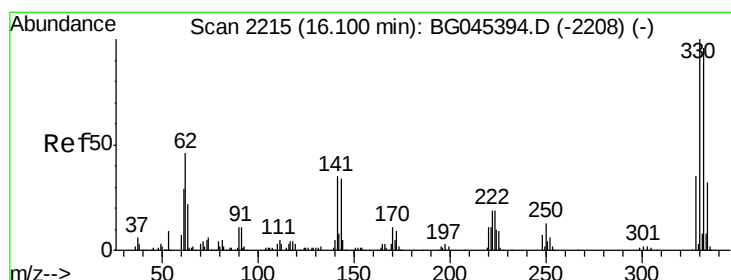
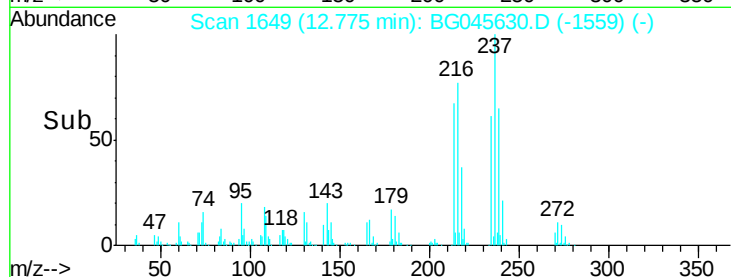
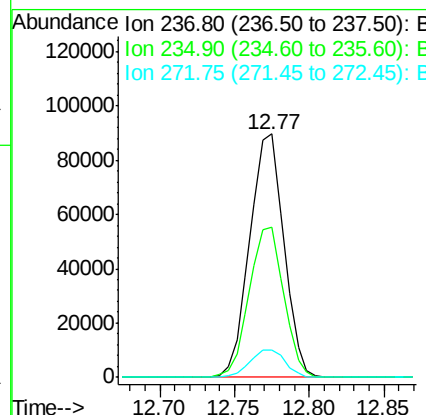
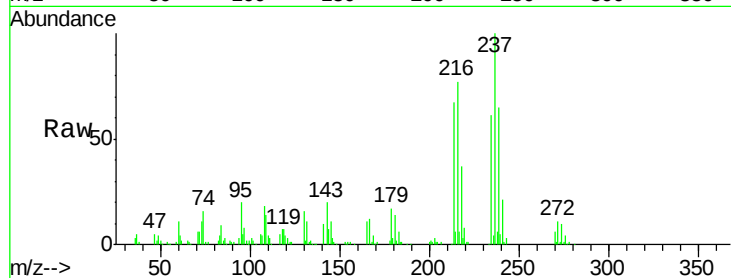
#41
Hexachlorocyclopentadiene
Concen: 37.54 ng
RT: 12.77 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.4	44.4	84.4
272	11.4	0.0	32.5

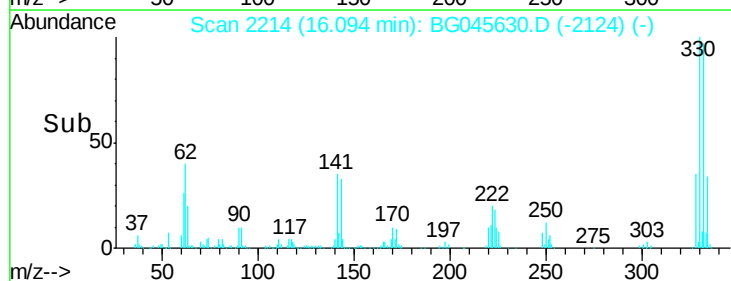
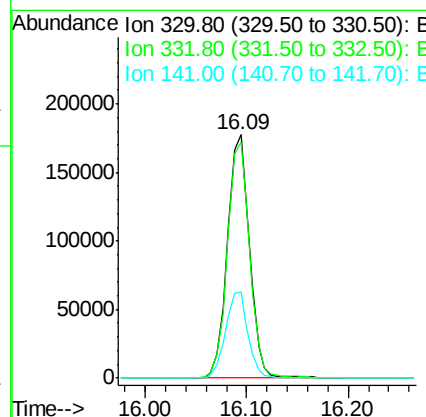
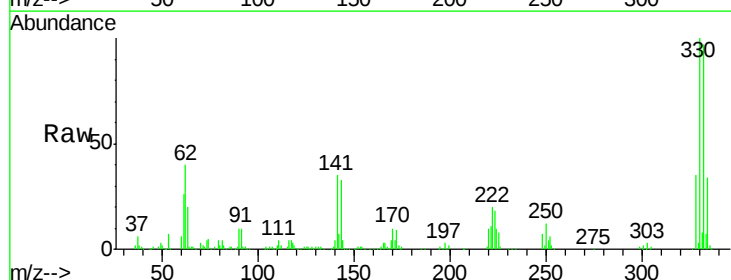
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#42
2,4,6-Tribromophenol
Concen: 89.67 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.8	78.2	117.4
141	35.7	28.2	42.4





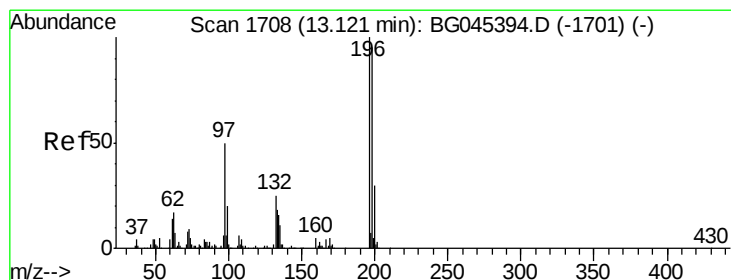
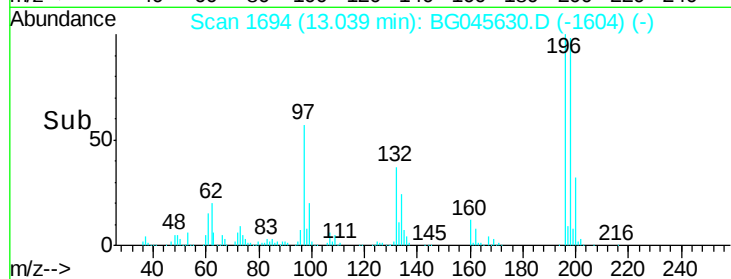
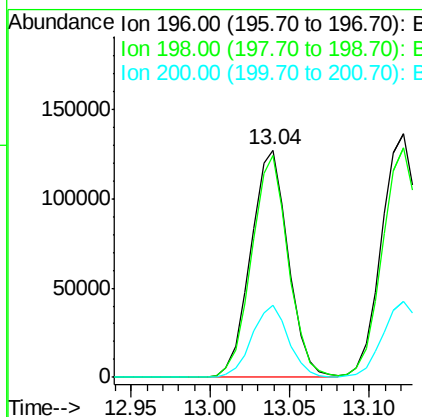
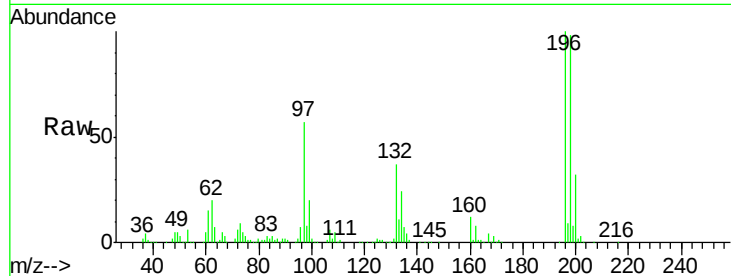
#43
 2,4,6-Trichlorophenol
 Concen: 45.95 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	209167
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.7	115.1
200	31.7	24.9	37.3

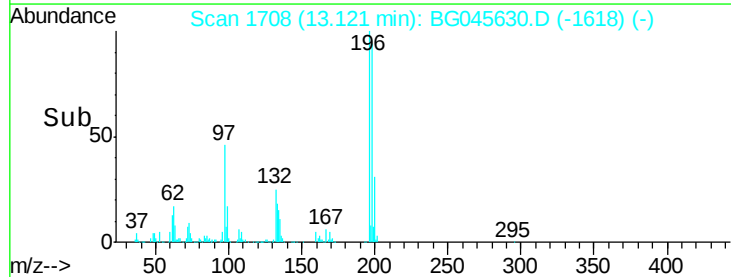
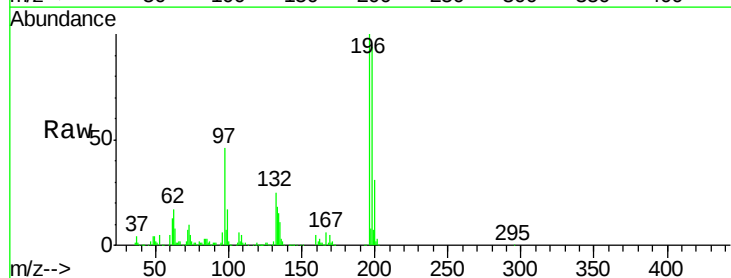
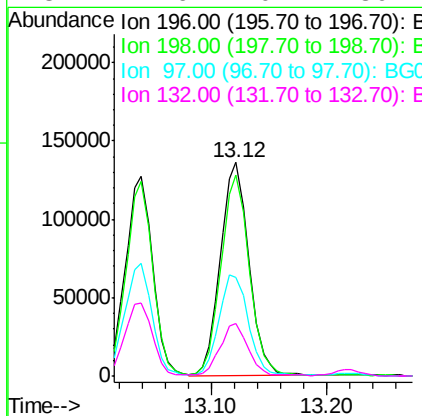
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#44
 2,4,5-Trichlorophenol
 Concen: 44.92 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Tgt Ion:	196	Resp:	233682
Ion Ratio	Lower	Upper	
196	100		
198	94.4	76.1	114.1
97	46.4	40.0	60.0
132	24.6	20.2	30.2





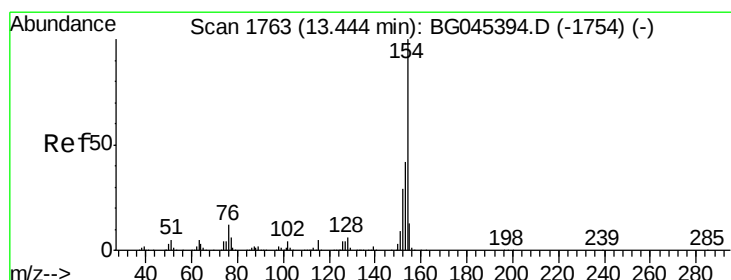
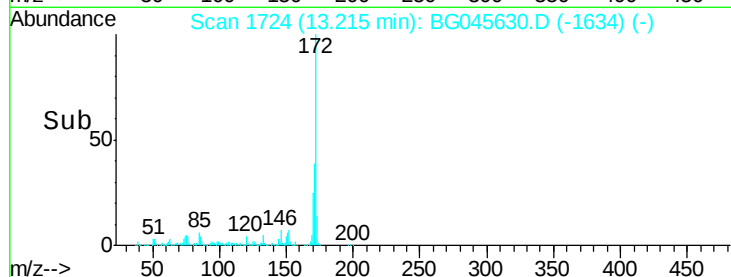
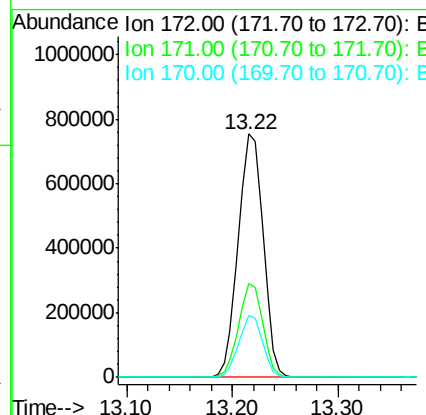
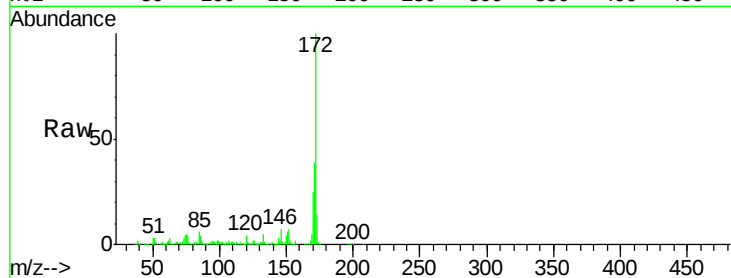
#45
2-Fluorobiphenyl
Concen: 89.12 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.5	44.3
170	25.3	18.5	27.7

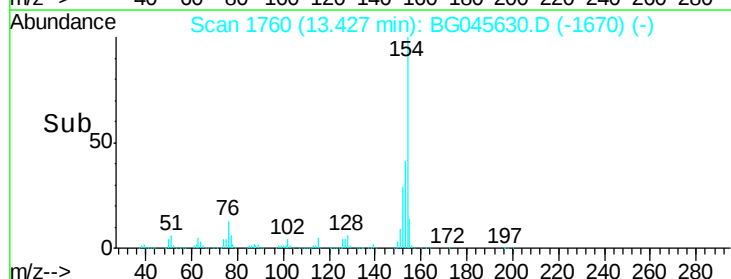
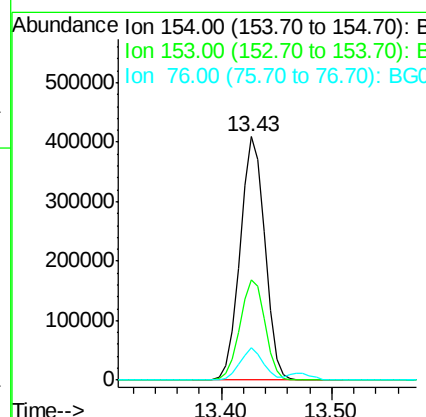
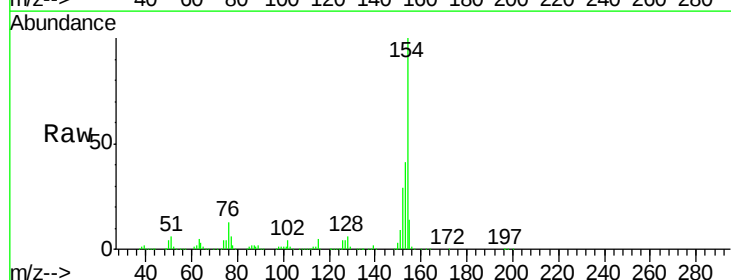
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#46
1,1'-Biphenyl
Concen: 44.68 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.2	62.2
76	13.3	0.0	32.4





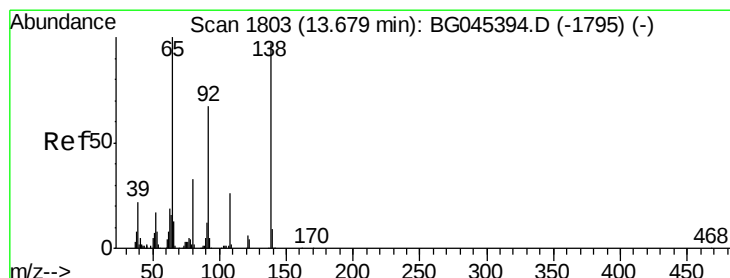
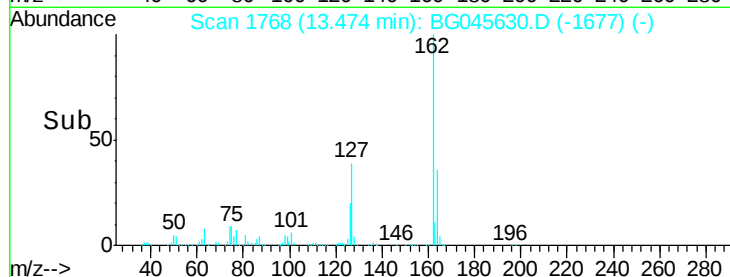
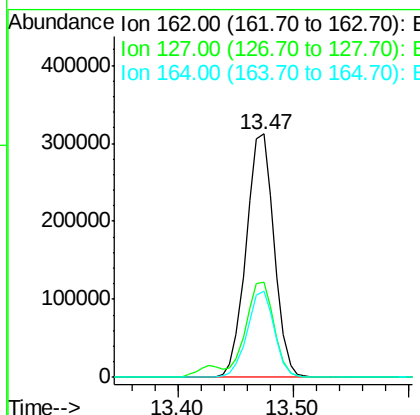
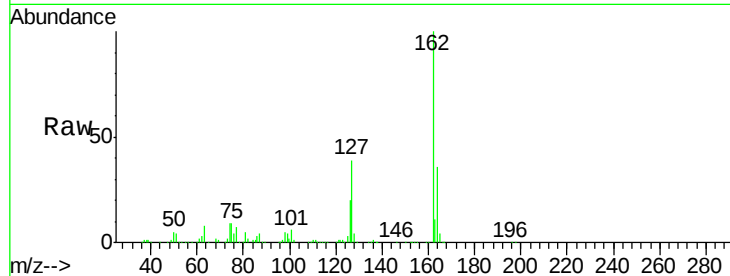
#47
2-Chloronaphthalene
Concen: 44.97 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	526412		
127	39.0	31.6	47.4	
164	35.6	28.1	42.1	

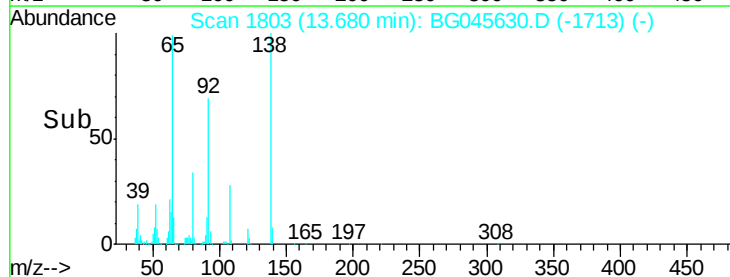
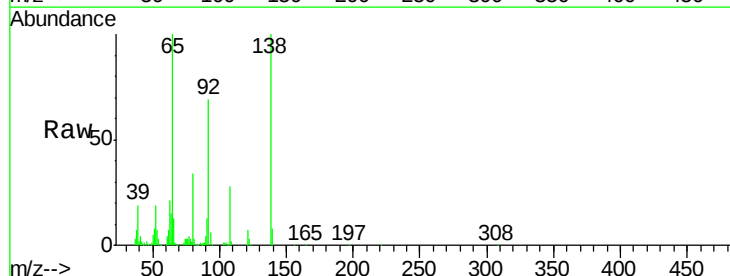
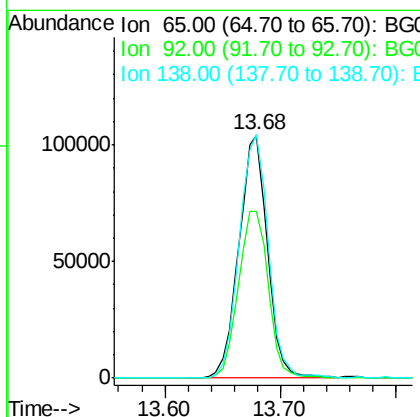
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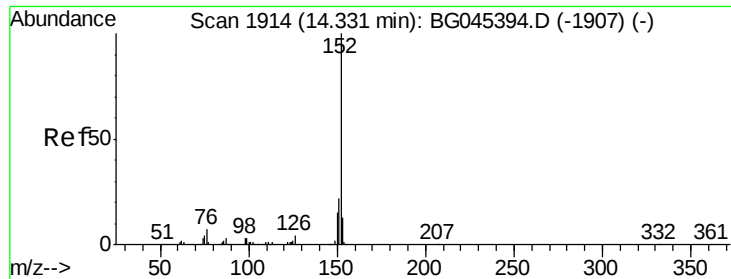
mohammad
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#48
2-Nitroaniline
Concen: 46.29 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	178273		
92	69.0	53.8	80.8	
138	100.4	77.9	116.9	





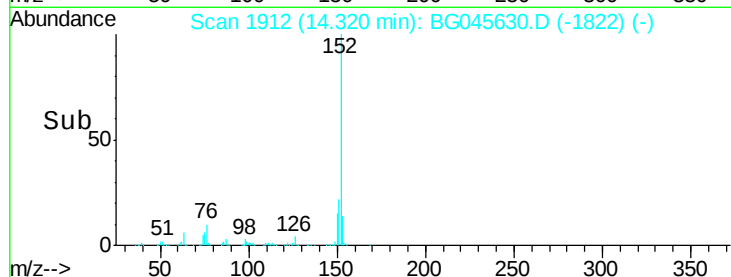
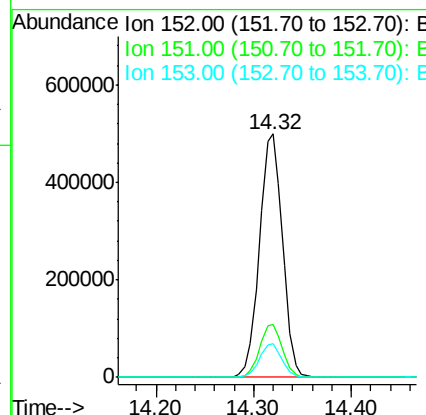
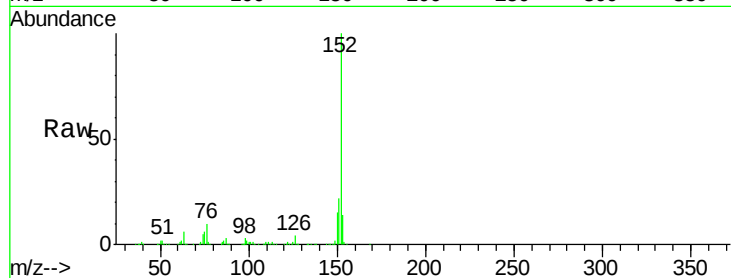
#49
Acenaphthylene
Concen: 44.25 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	832098		
151	21.7		17.4	26.2
153	13.7		10.7	16.1

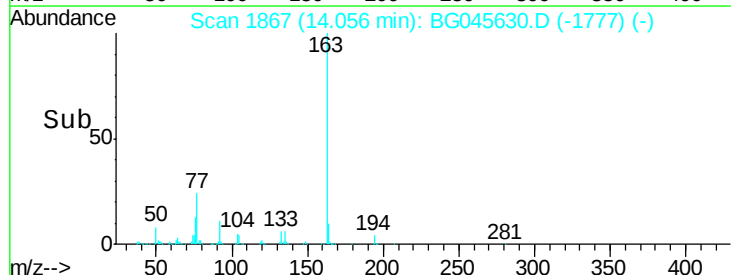
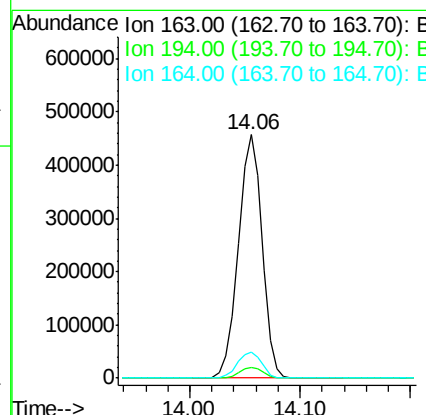
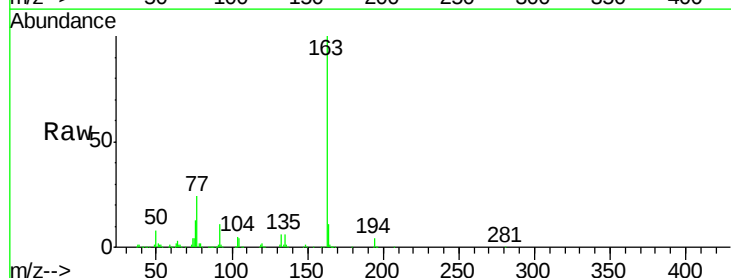
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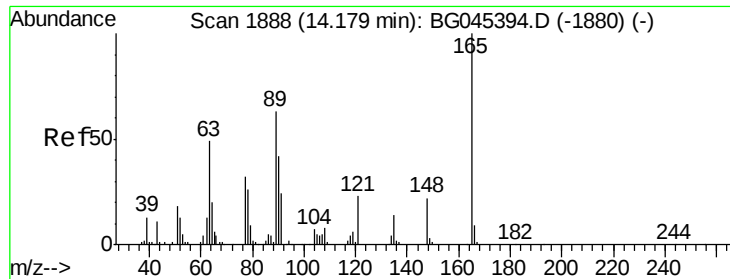
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#50
Dimethylphthalate
Concen: 42.82 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	689161		
194	4.2		3.2	4.8
164	10.5		8.3	12.5





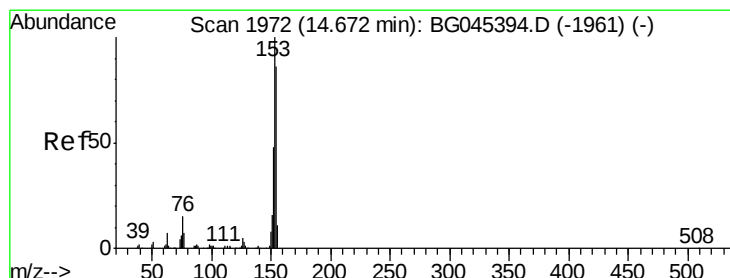
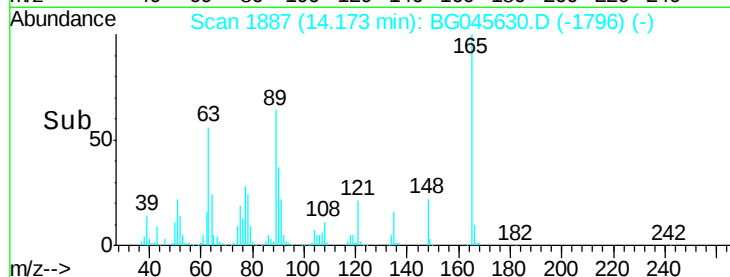
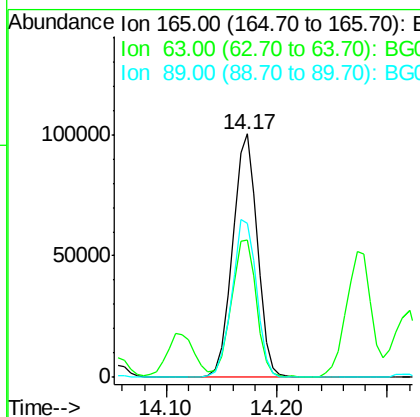
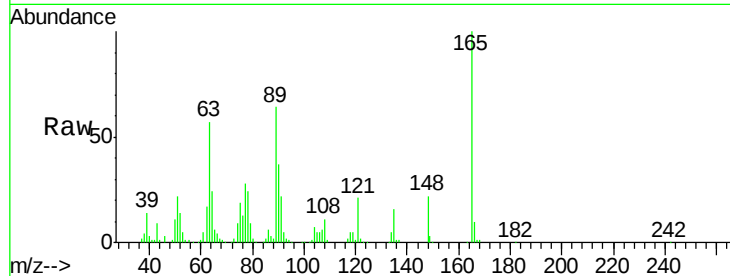
#51
2,6-Dinitrotoluene
Concen: 43.21 ng
RT: 14.17 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	156939		
63	56.6	45.0	67.4	
89	63.5	50.2	75.4	

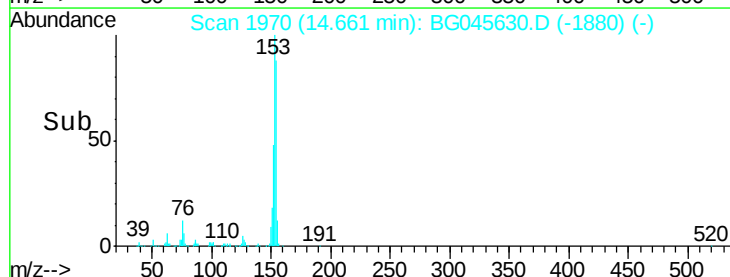
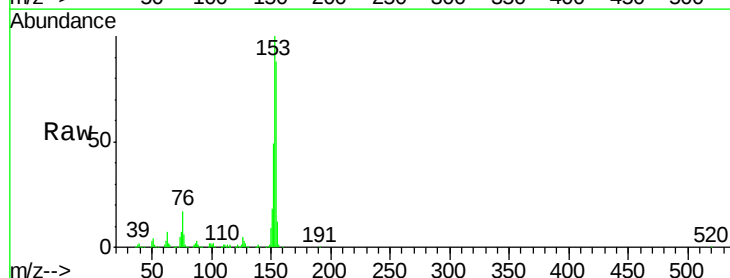
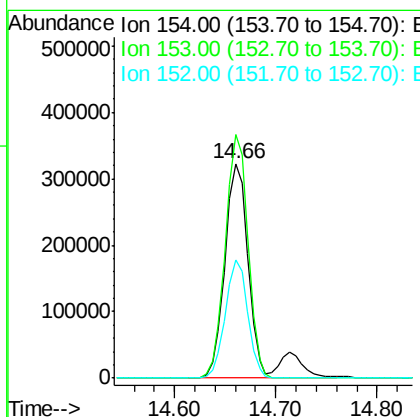
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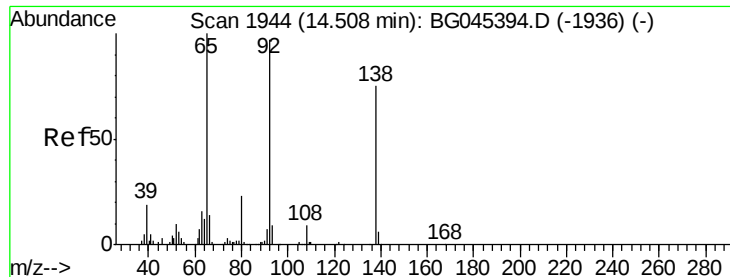
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#52
Acenaphthene
Concen: 45.41 ng m
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	571508		
153	113.7	92.8	139.2	
152	55.3	44.6	66.8	





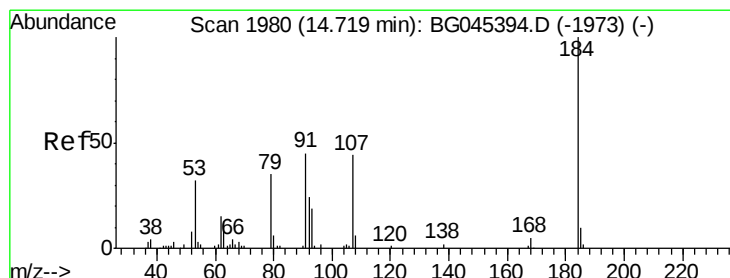
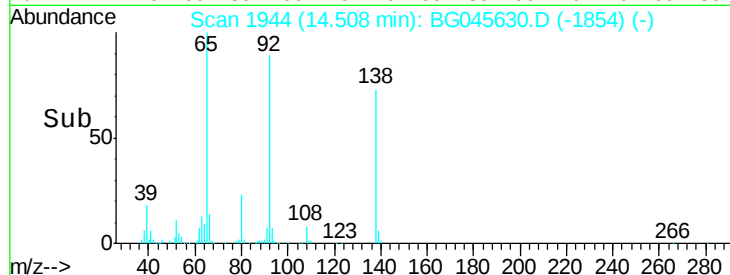
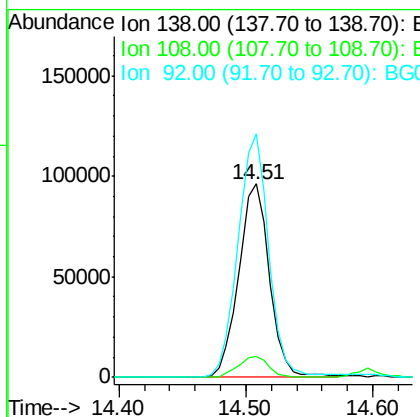
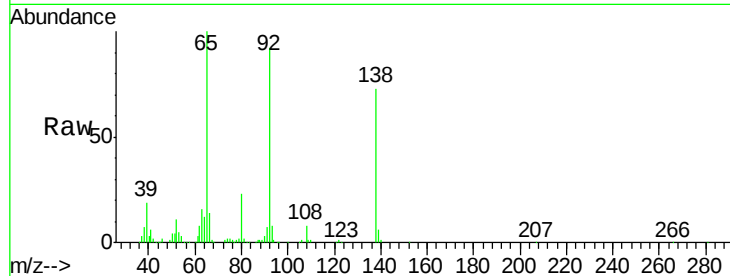
#53
3-Nitroaniline
Concen: 43.81 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 161737
Ion Ratio Lower Upper
138 100
108 10.8 9.8 14.6
92 126.0 103.0 154.4

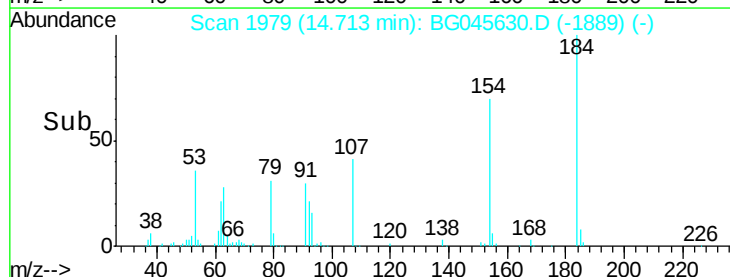
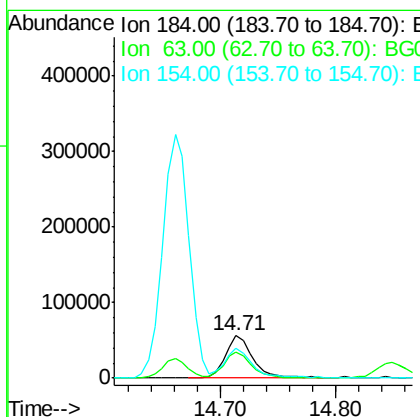
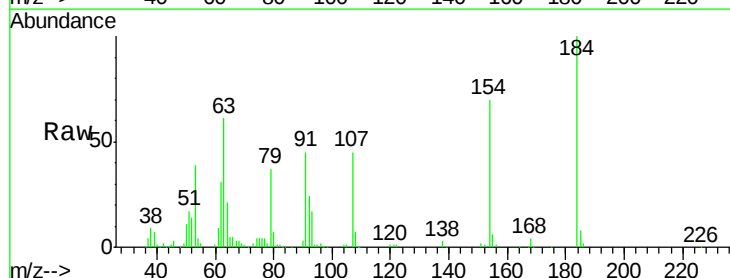
Manual Integrations
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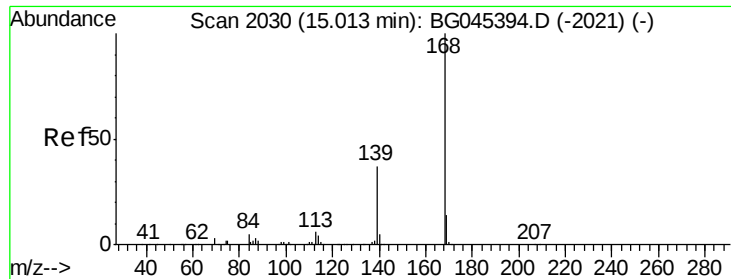
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#54
2,4-Dinitrophenol
Concen: 41.81 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion:184 Resp: 92819
Ion Ratio Lower Upper
184 100
63 60.6 47.8 71.6
154 70.2 58.3 87.5





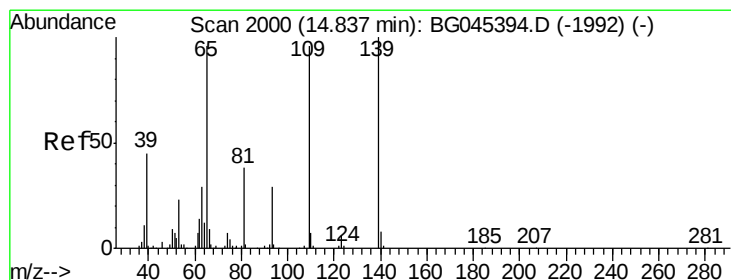
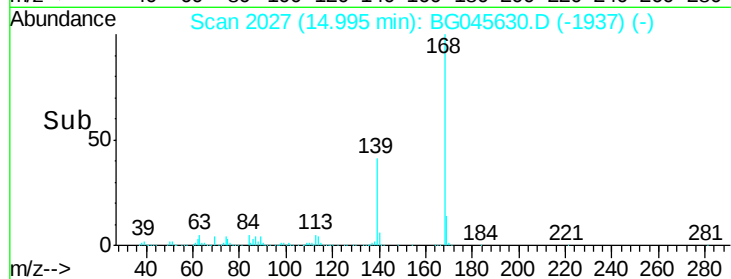
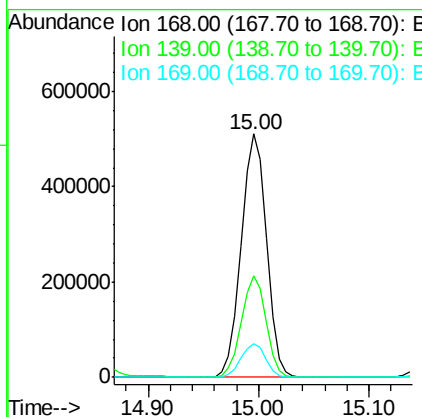
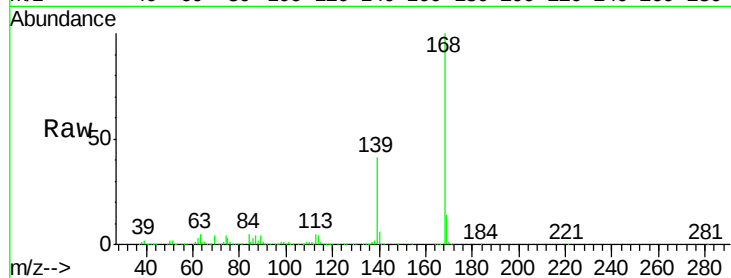
#55
Dibenzenofuran
Concen: 44.13 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	824865		
139	41.5	29.9	44.9	
169	13.8	10.9	16.3	

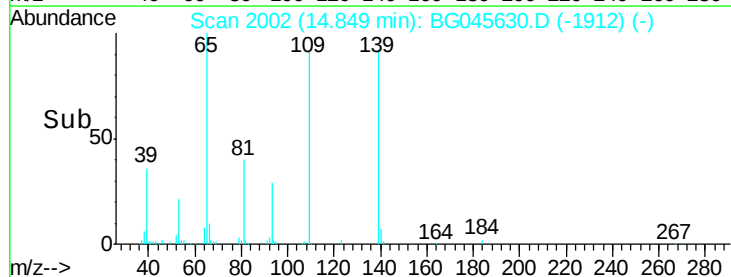
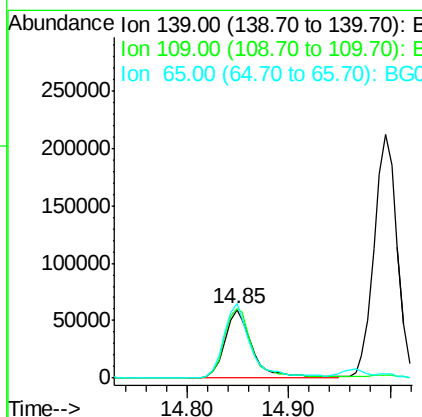
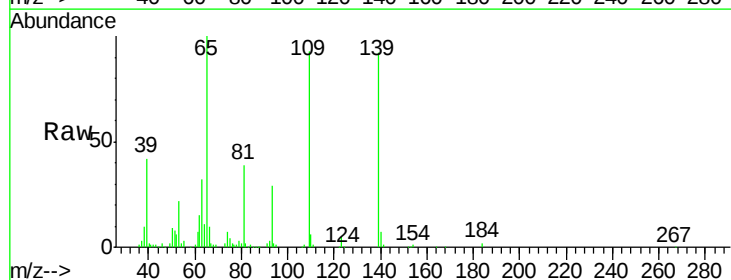
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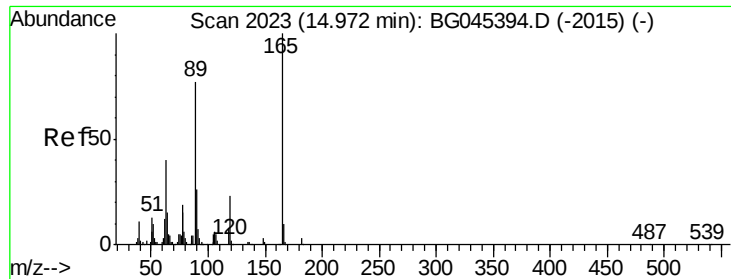
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#56
4-Nitrophenol
Concen: 40.08 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	112036		
109	101.4	75.6	115.6	
65	108.8	76.8	116.8	





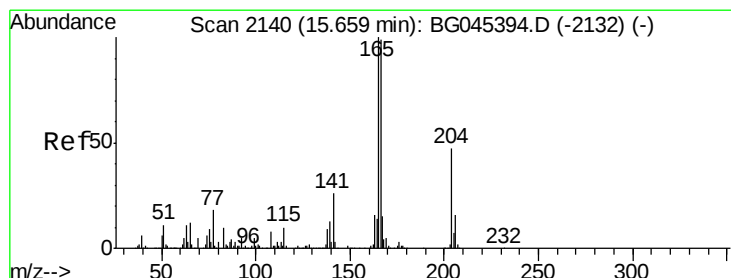
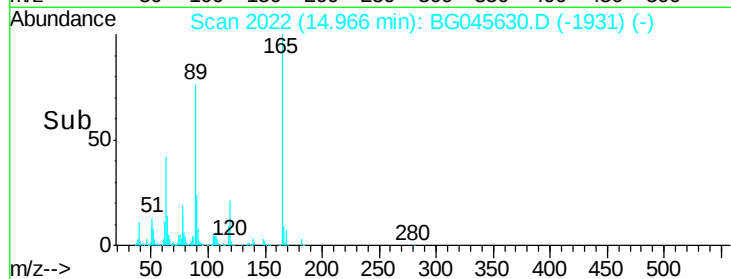
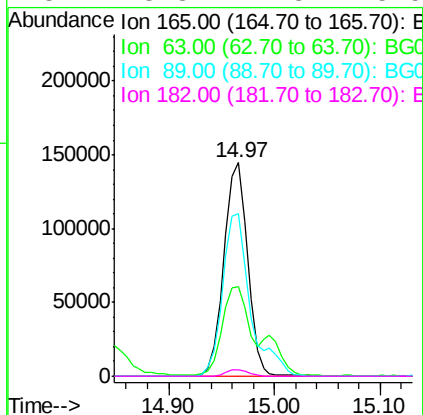
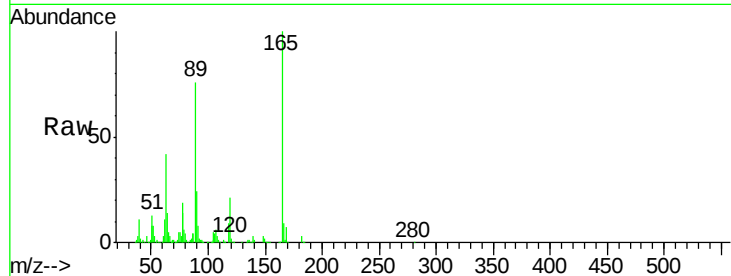
#57
2,4-Dinitrotoluene
Concen: 43.01 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.7	32.5	48.7
89	75.9	61.8	92.6
182	3.3	2.3	3.5

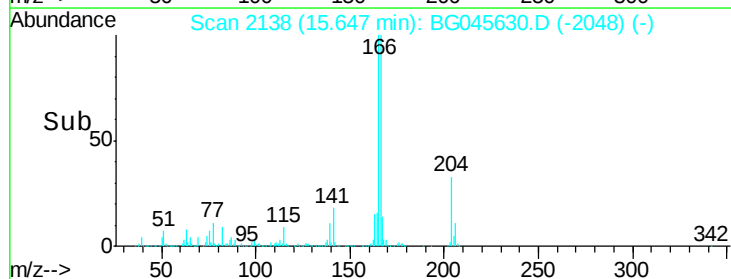
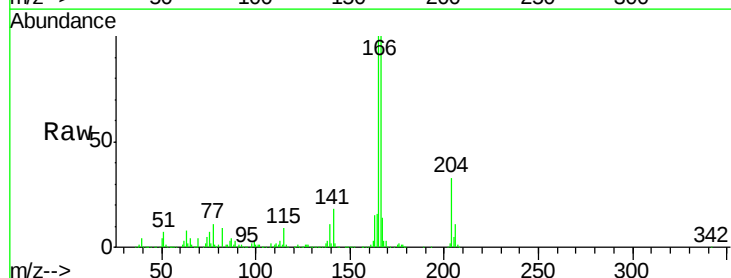
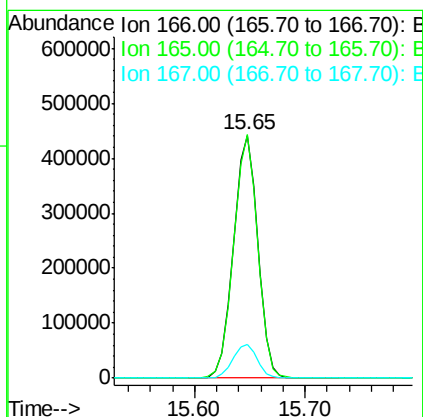
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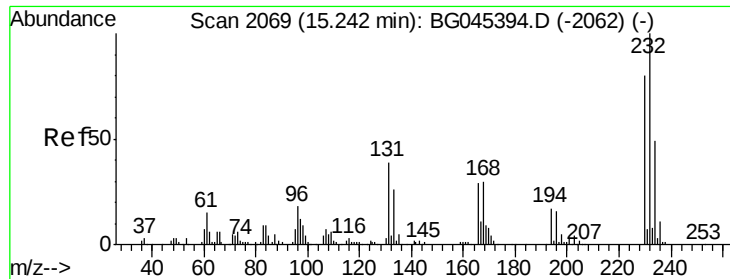
mohammad
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#58
Fluorene
Concen: 44.58 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.8	121.2
167	13.7	12.0	18.0





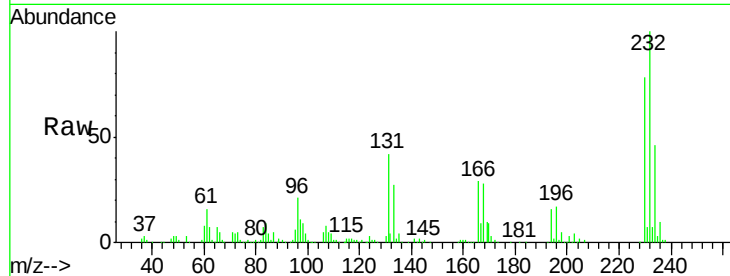
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.31 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

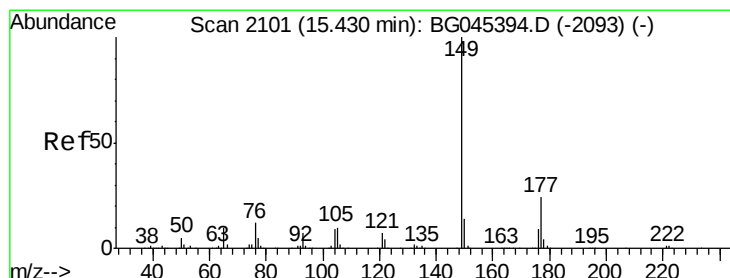
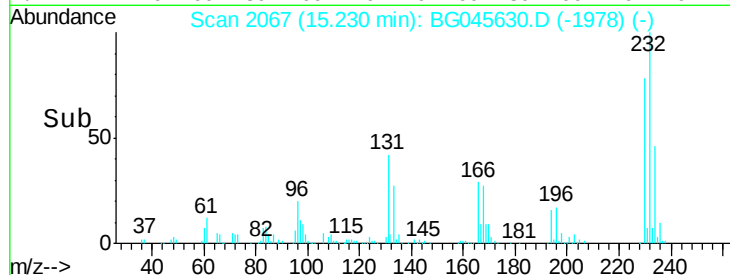
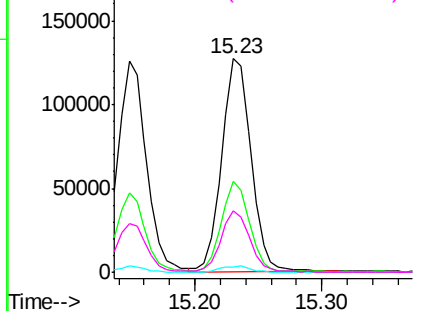
Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.0	33.7	50.5
130	2.8	2.1	3.1
166	29.0	23.2	34.8

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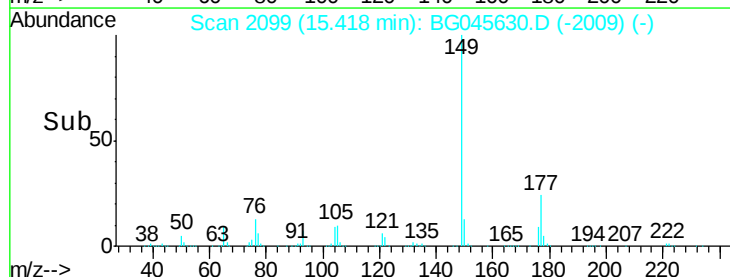
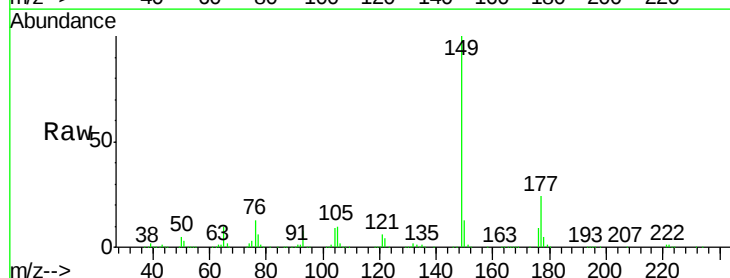
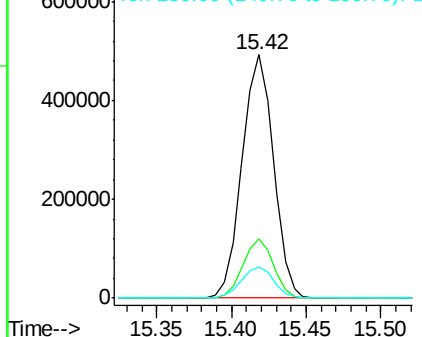
Abundance Ion 232.00 (231.70 to 232.70): E
 200000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

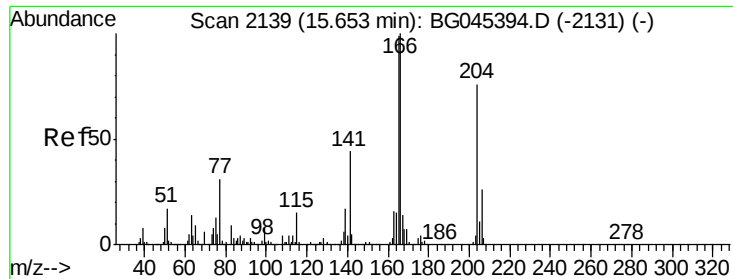


#60
 Diethylphthalate
 Concen: 42.84 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.0	28.4
150	12.9	11.4	17.0

Abundance Ion 149.00 (148.70 to 149.70): E
 600000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





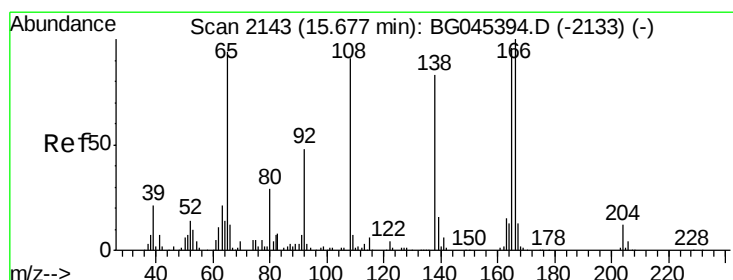
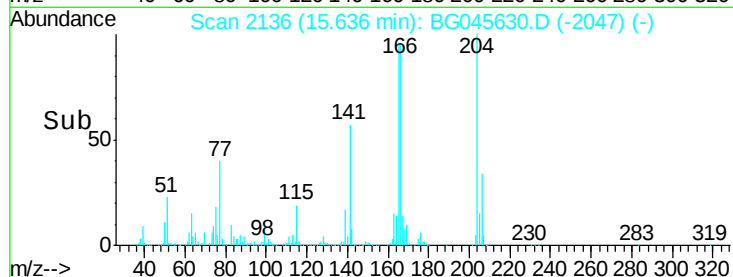
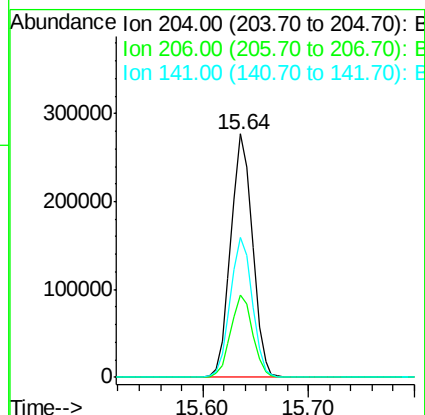
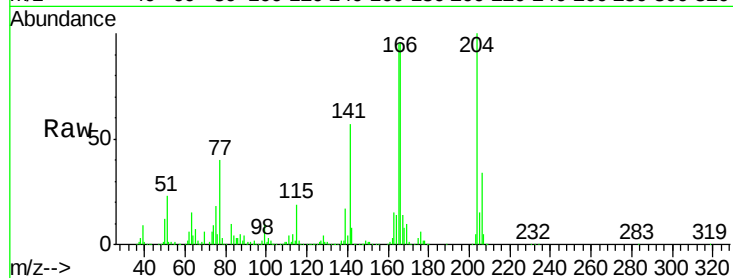
#61
 4-Chlorophenyl-phenylether
 Concen: 44.71 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	392878		
206	33.6	27.3	40.9	
141	57.5	45.9	68.9	

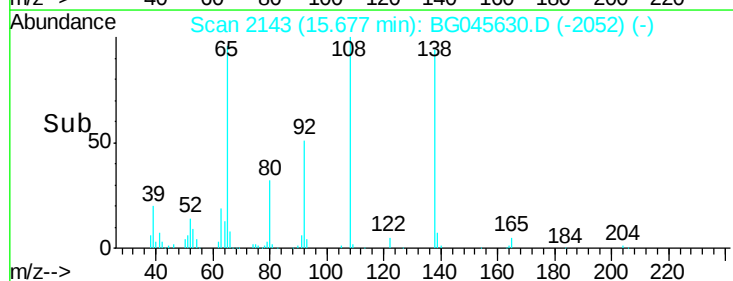
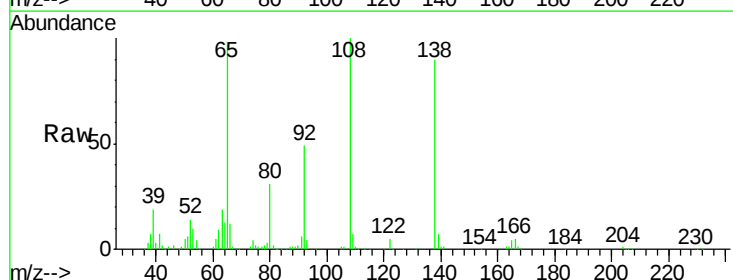
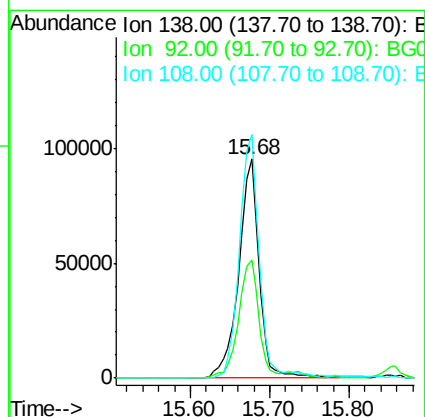
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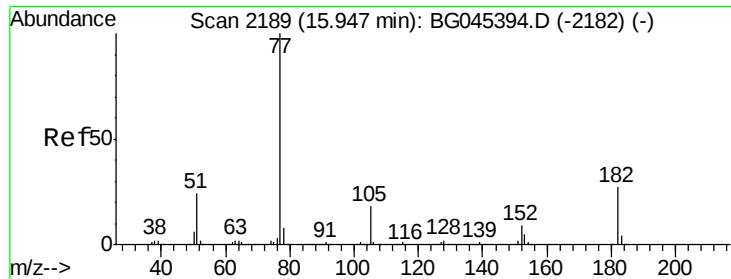
mohammad
 6/8/2020 12:50:16 PM



#62
 4-Nitroaniline
 Concen: 44.50 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	171520		
92	54.0	38.0	78.0	
108	111.3	89.3	129.3	





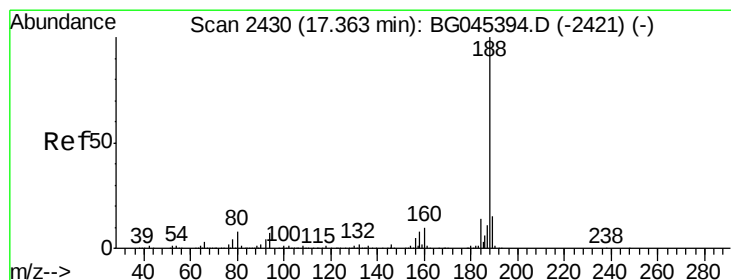
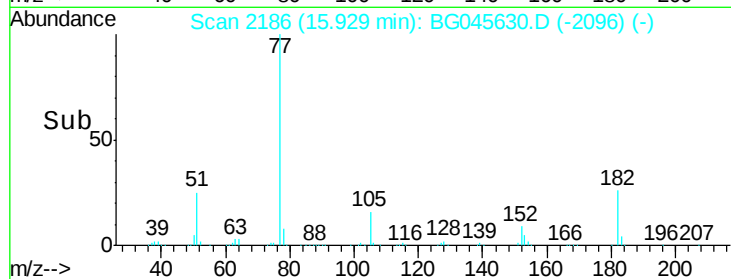
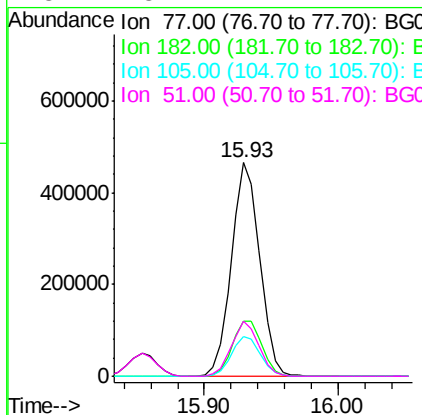
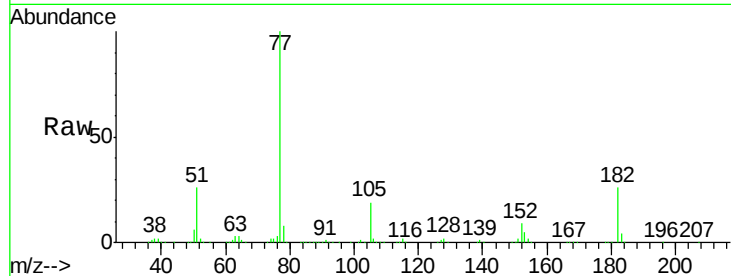
#63
Azobenzene
Concen: 43.89 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.5	46.5
105	18.5	0.0	37.9
51	25.7	4.1	44.1

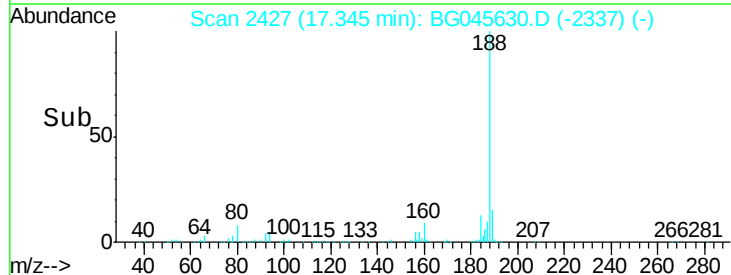
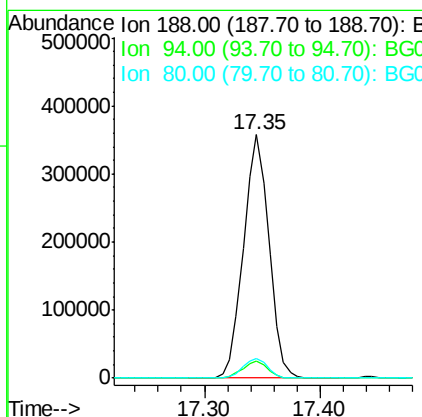
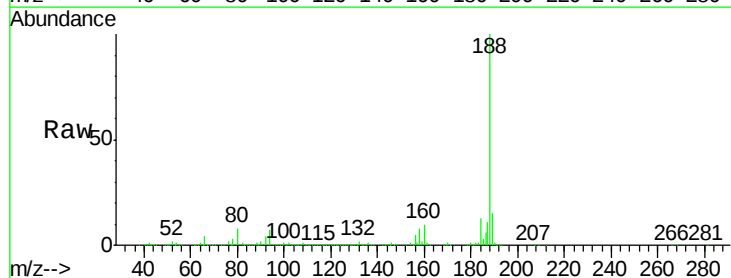
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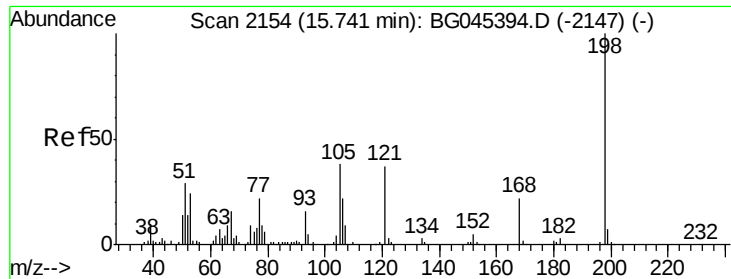
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.5	8.3
80	7.9	6.6	10.0





#65

4,6-Dinitro-2-methylphenol

Concen: 44.64 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

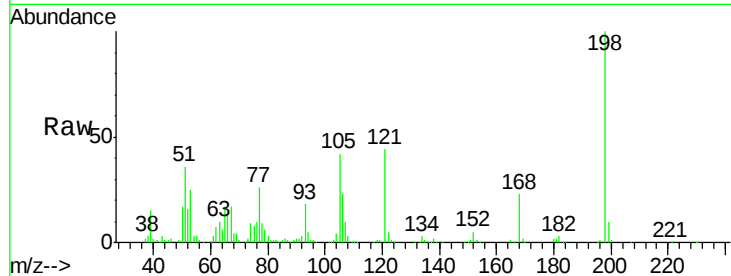
ClientSampleId :

SSTDCCC040

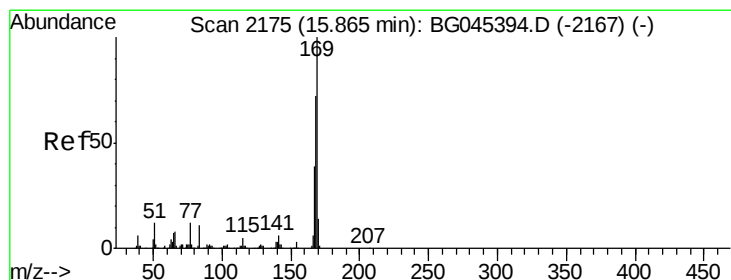
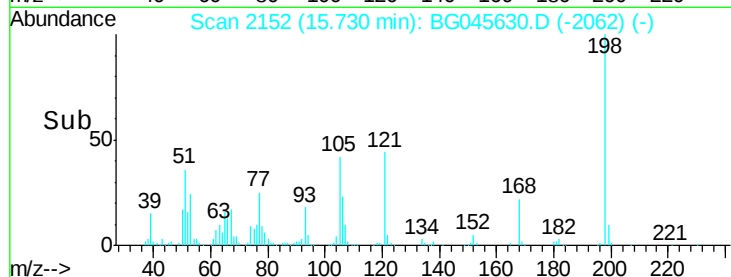
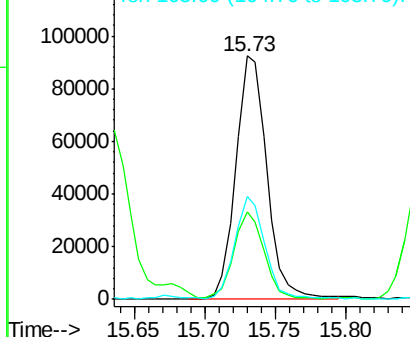
Tgt Ion:	198	Resp:	142138
Ion Ratio	Lower	Upper	
198	100		
51	35.9	10.0	50.0
105	42.2	18.9	58.9

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.50 ng

RT: 15.85 min Scan# 2173

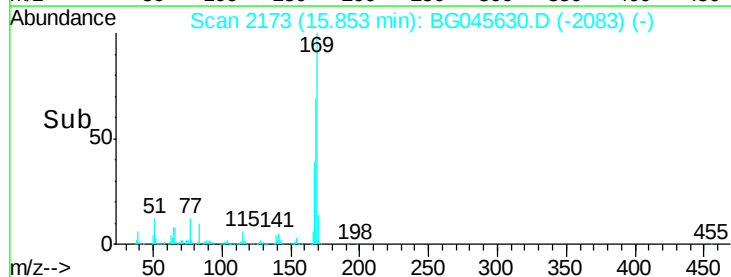
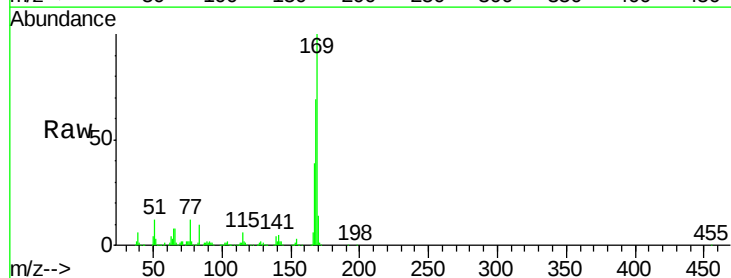
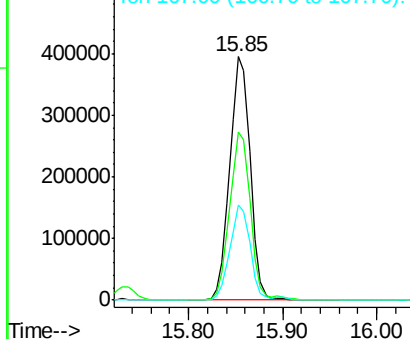
Delta R.T. 0.00 min

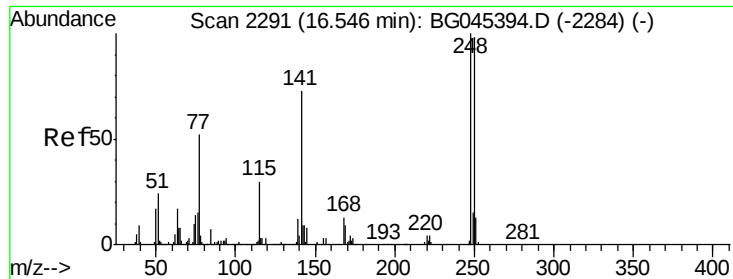
Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion:	169	Resp:	597223
Ion Ratio	Lower	Upper	
169	100		
168	69.3	57.8	86.6
167	38.8	31.5	47.3

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





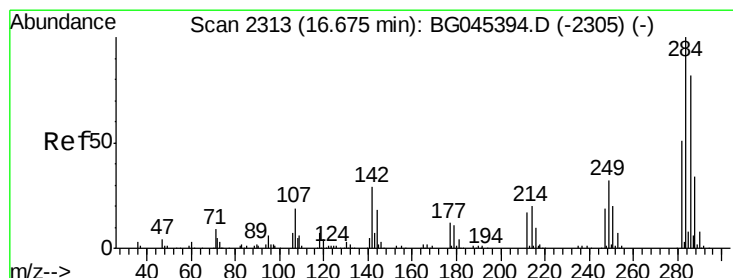
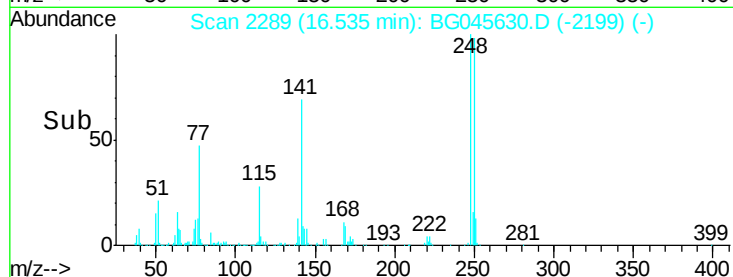
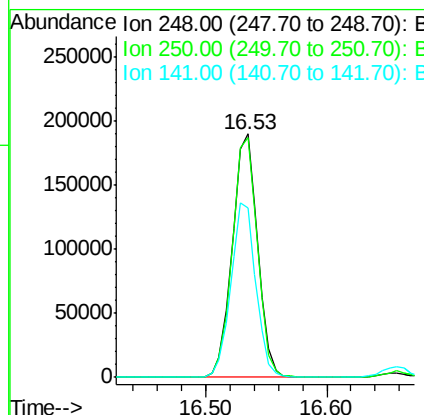
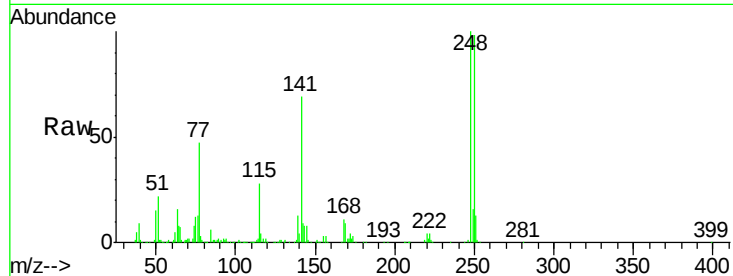
#67
4-Bromophenyl-phenylether
Concen: 46.70 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.6	117.8
141	69.4	58.2	87.2

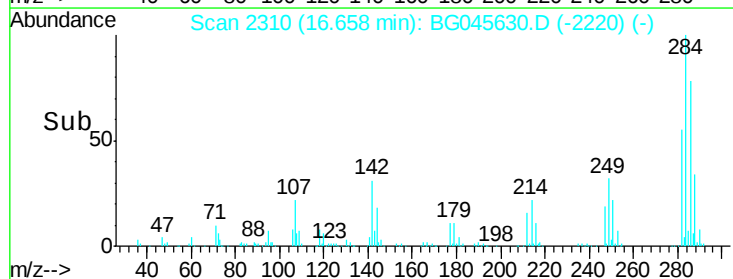
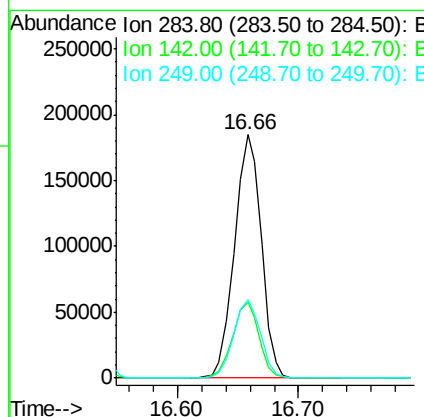
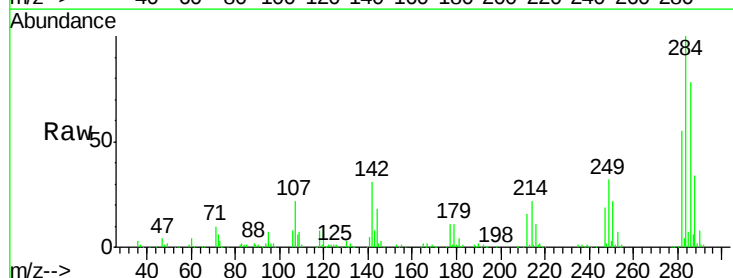
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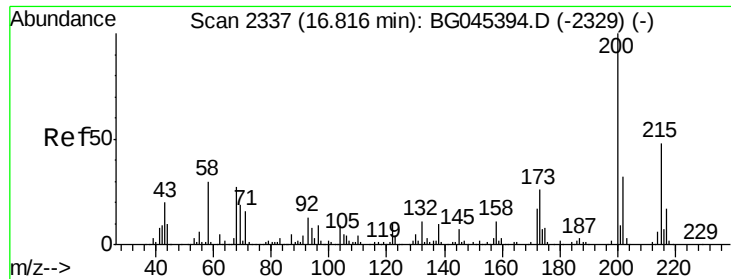
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#68
Hexachlorobenzene
Concen: 46.04 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	23.0	34.6
249	32.3	25.8	38.6





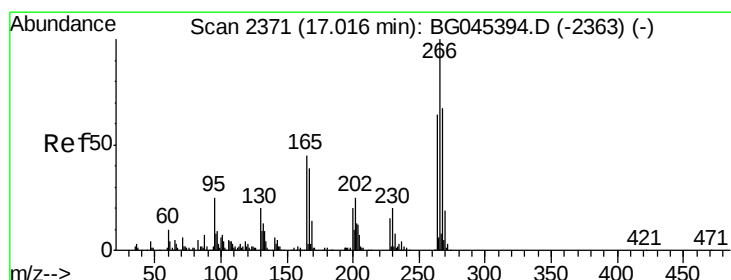
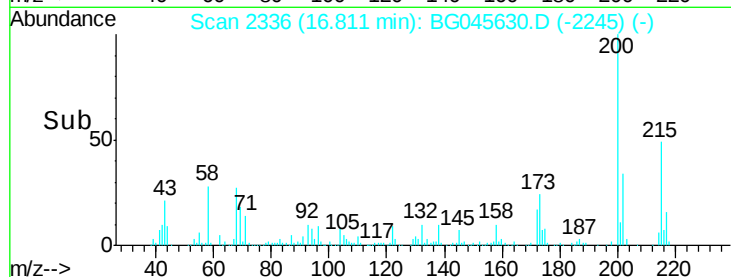
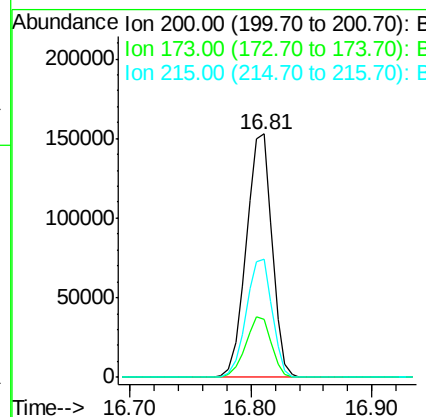
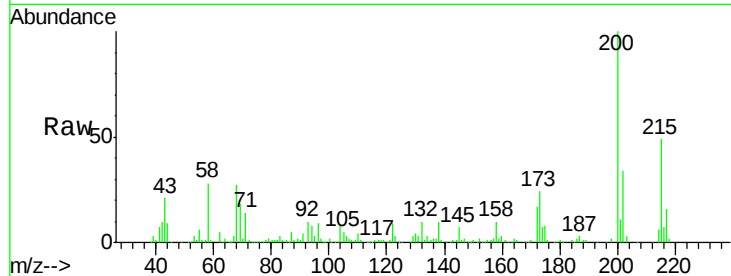
#69
Atrazine
Concen: 42.22 ng
RT: 16.81 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	228265		
173	23.7	5.5	45.5	
215	48.5	28.2	68.2	

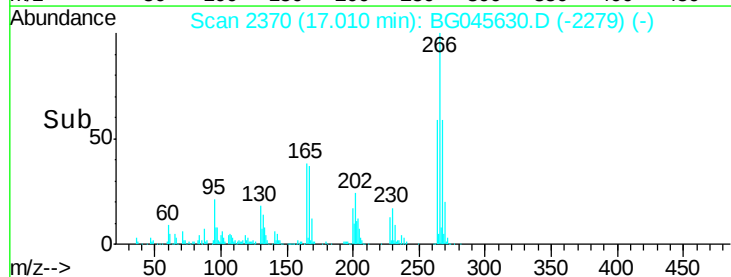
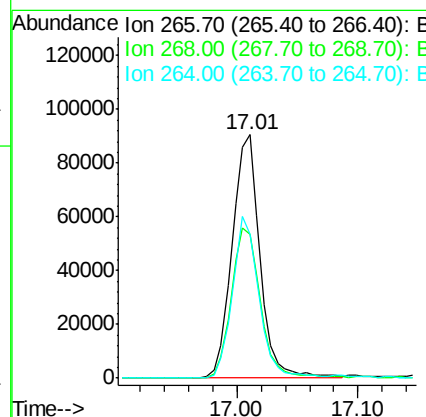
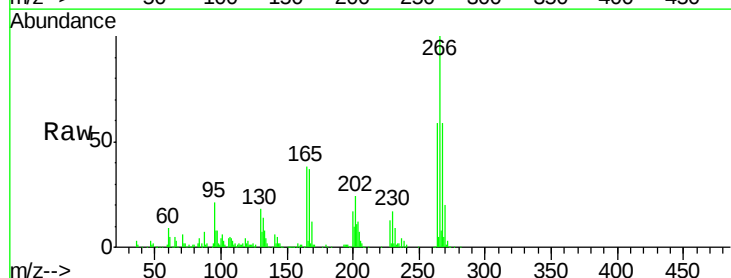
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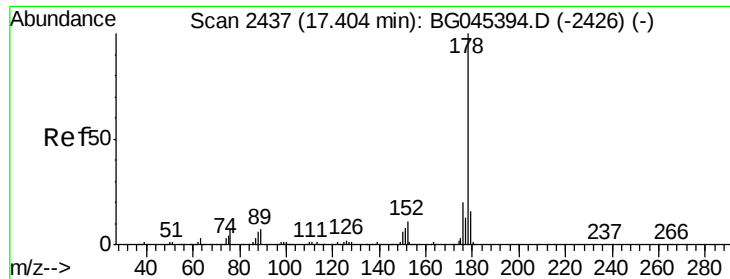
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#70
Pentachlorophenol
Concen: 45.21 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	145352		
268	58.9	53.2	79.8	
264	59.3	51.0	76.4	





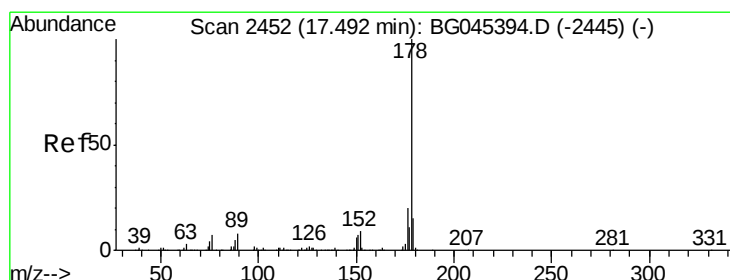
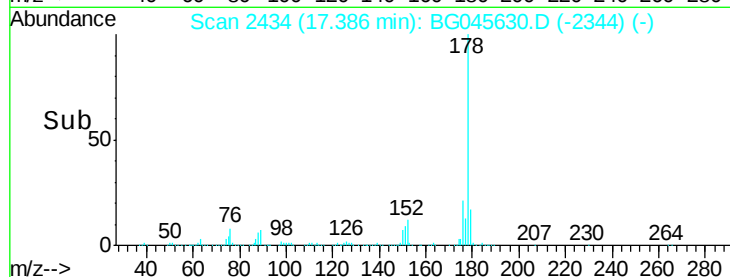
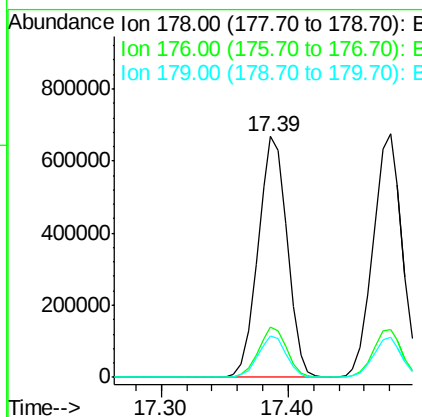
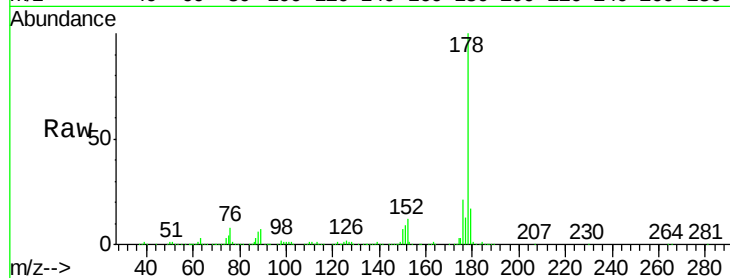
#71
Phenanthrene
Concen: 44.70 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1066921
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 17.0 13.1 19.7

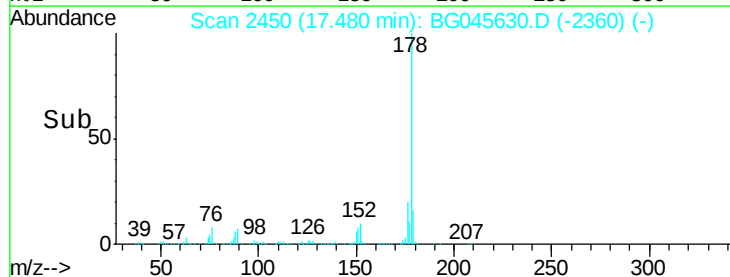
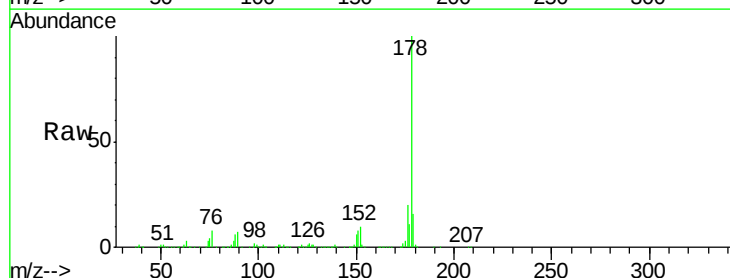
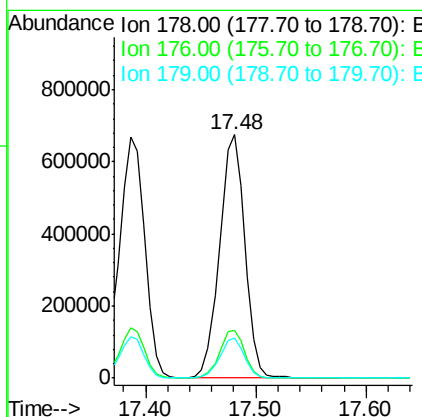
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#72
Anthracene
Concen: 44.71 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion:178 Resp: 1071636
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.5 12.2 18.4





#73

Carbazole

Concen: 44.96 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 1050468

Ion Ratio Lower Upper

167 100

166 23.6 19.2 28.8

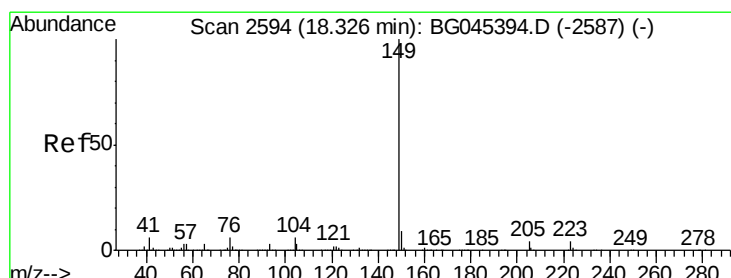
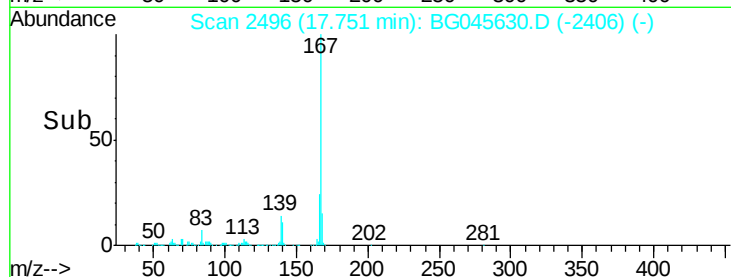
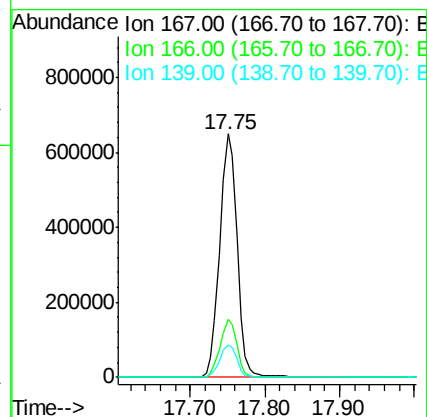
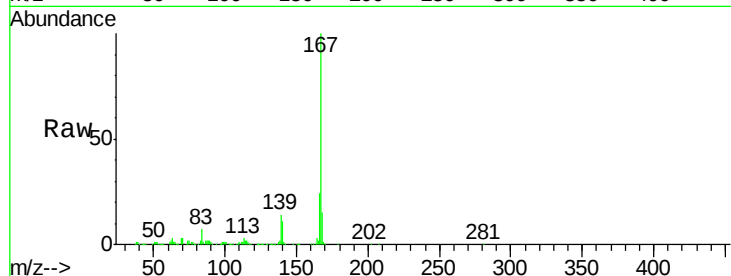
139 13.5 10.6 16.0

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#74

Di-n-butylphthalate

Concen: 43.30 ng

RT: 18.31 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

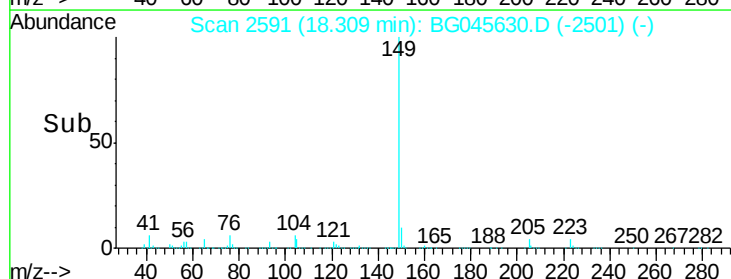
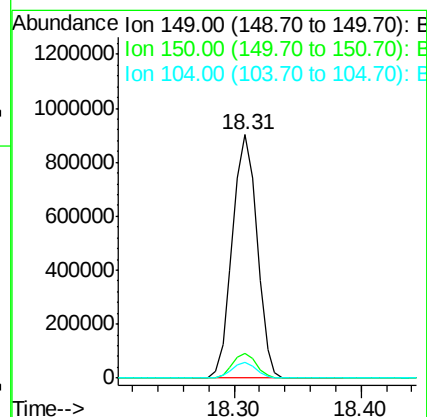
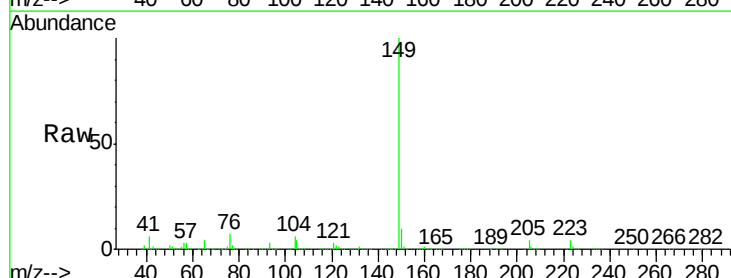
Tgt Ion:149 Resp: 1214138

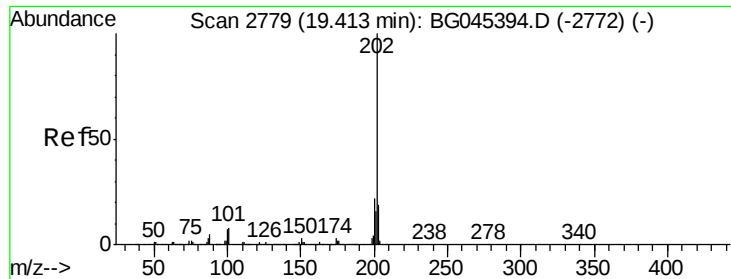
Ion Ratio Lower Upper

149 100

150 10.0 7.6 11.4

104 6.4 5.0 7.4





#75

Fluoranthene

Concen: 43.90 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

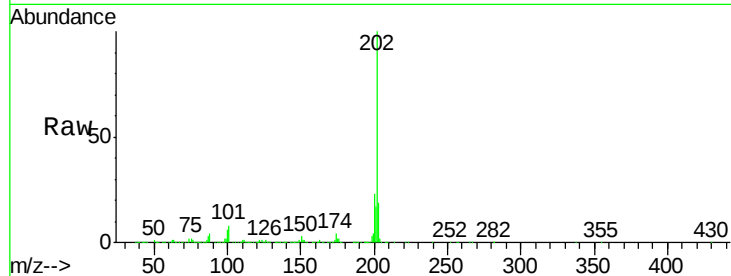
ClientSampleId :

SSTDCCC040

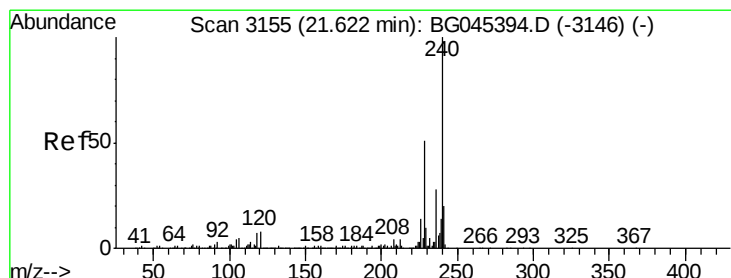
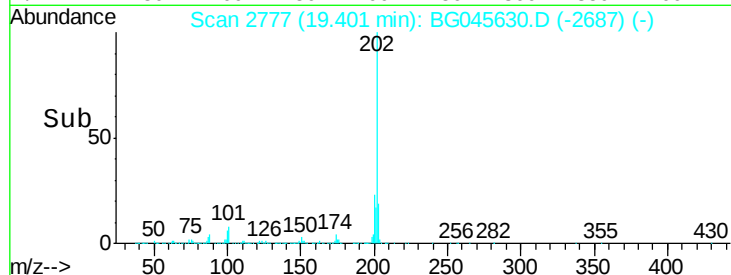
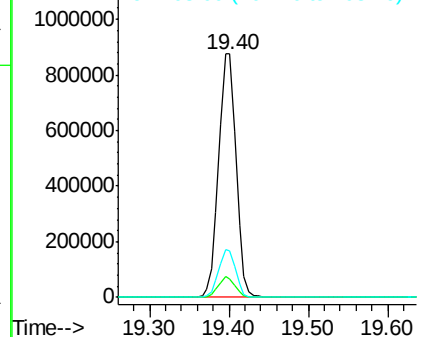
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.3
203	19.1	0.0	39.0

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



#76

Chrysene-d12

Concen: 20.00 ng

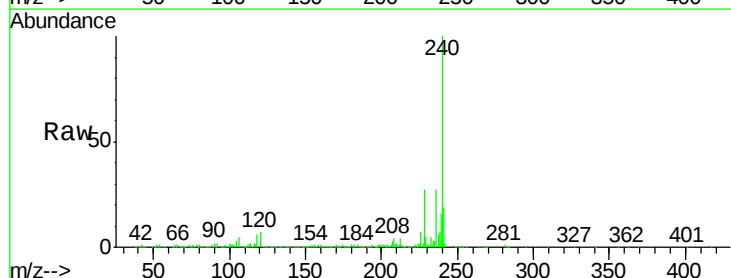
RT: 21.61 min Scan# 3153

Delta R.T. 0.01 min

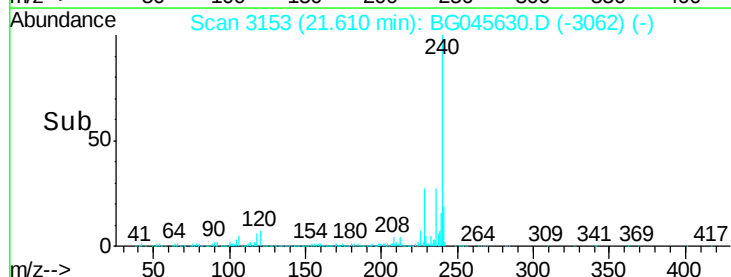
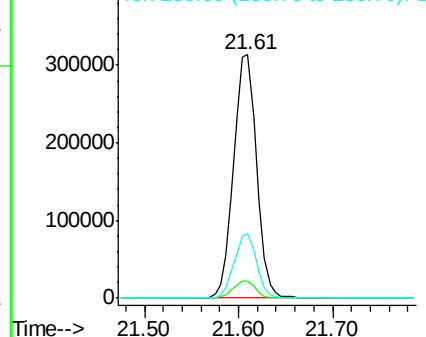
Lab File: BG045630.D

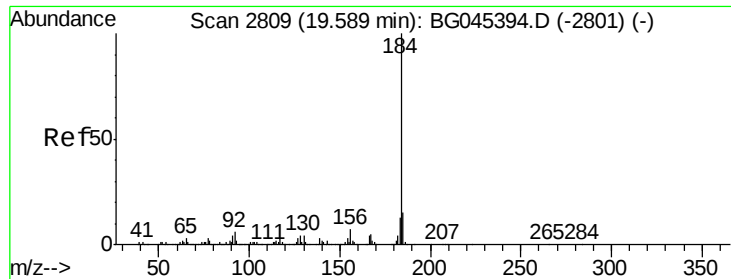
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.1	9.1
236	26.5	22.3	33.5



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





#77

Benzidine

Concen: 33.32 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

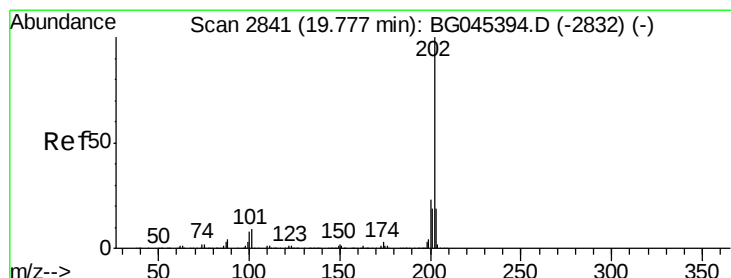
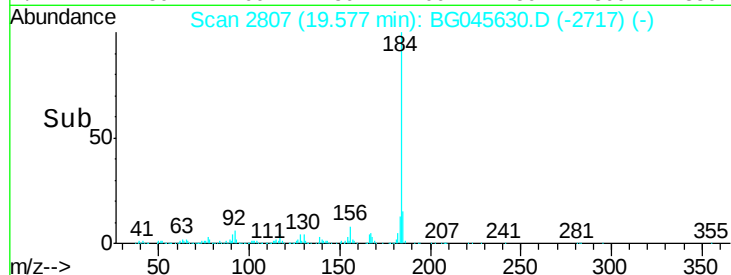
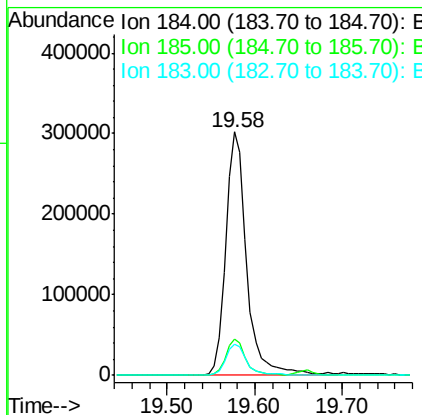
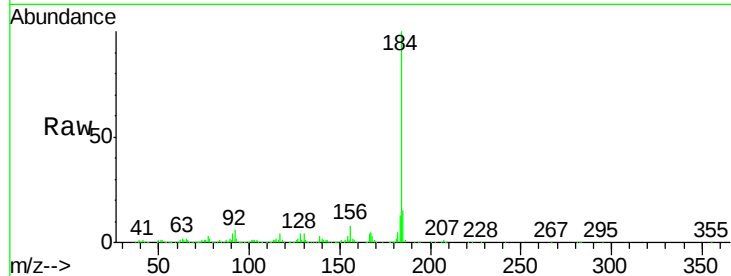
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	498376		
185	14.8		11.7	17.5
183	12.6		10.2	15.4

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#78

Pyrene

Concen: 42.71 ng

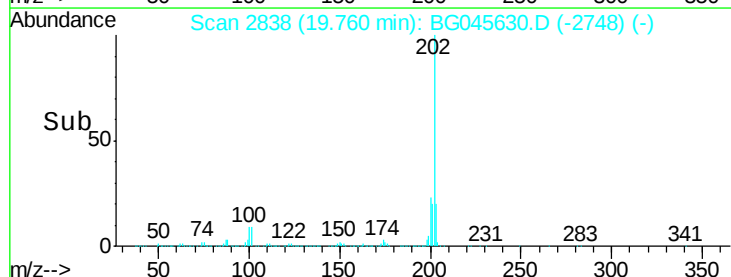
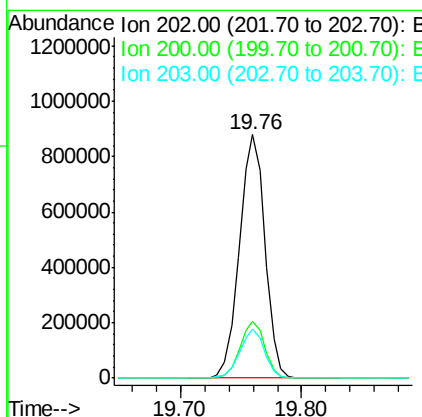
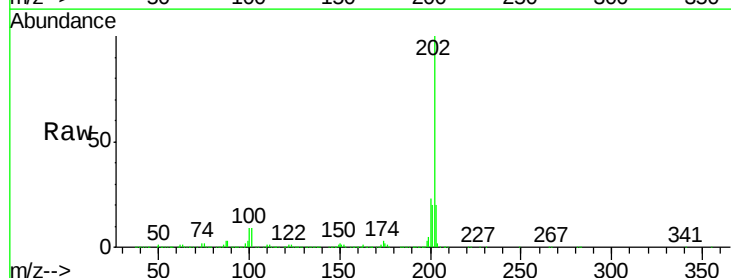
RT: 19.76 min Scan# 2838

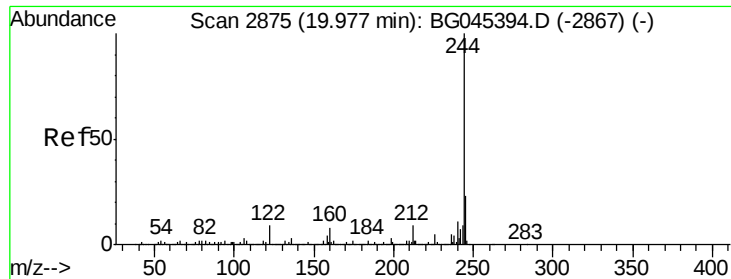
Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1296587		
200	23.4		18.2	27.2
203	20.1		15.1	22.7





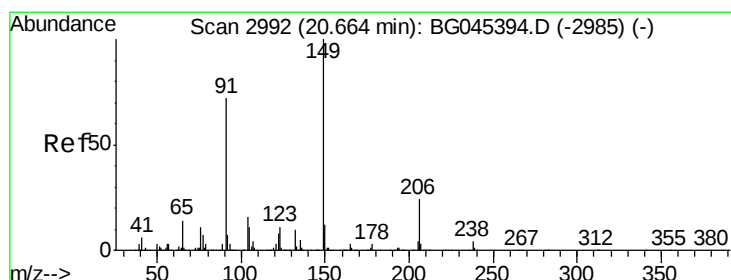
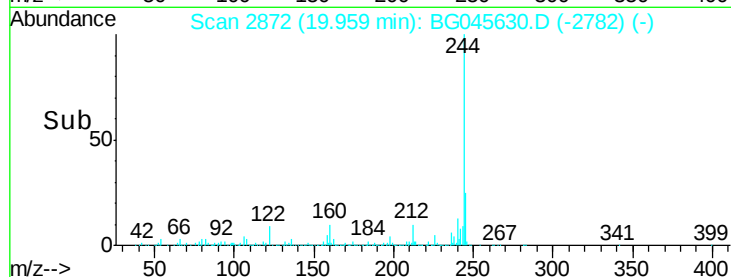
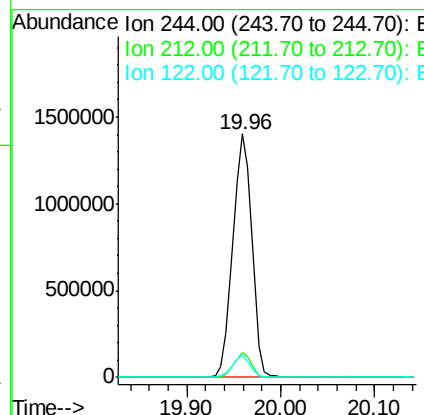
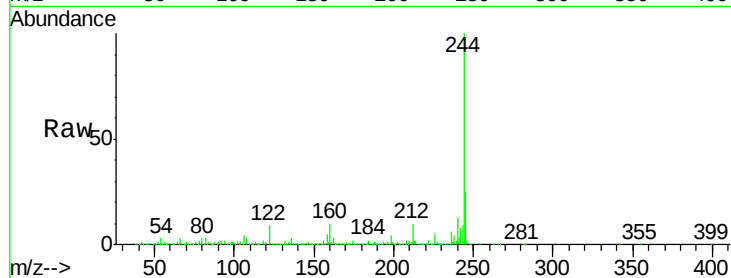
#79
 Terphenyl-d14
 Concen: 86.49 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:244 Resp: 1974815
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.4 11.0
 122 9.0 6.8 10.2

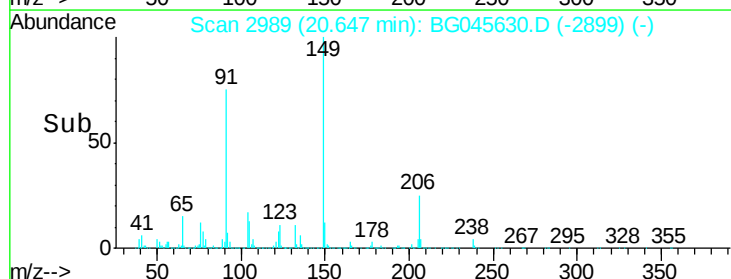
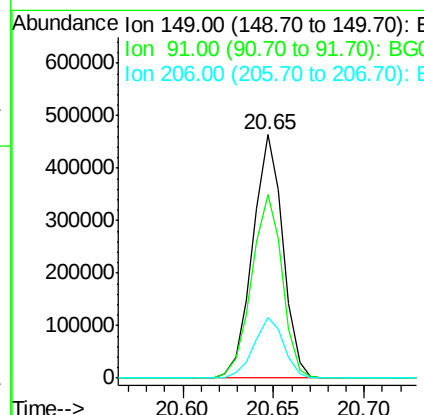
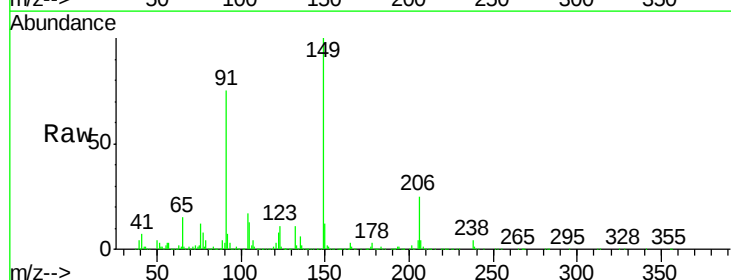
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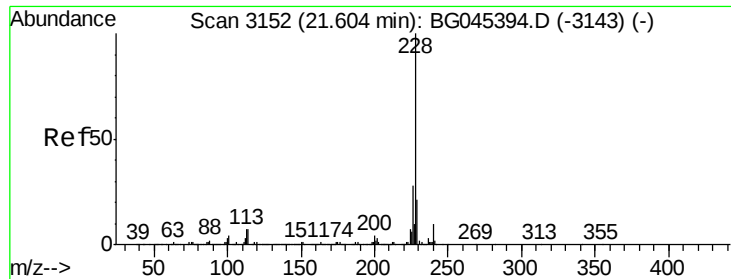
mohammad
 6/8/2020 12:50:16 PM



#80
 Butylbenzylphthalate
 Concen: 40.97 ng
 RT: 20.65 min Scan# 2989
 Delta R.T. 0.00 min
 Lab File: BG045630.D
 Acq: 6 Jun 2020 00:57

Tgt Ion:149 Resp: 536785
 Ion Ratio Lower Upper
 149 100
 91 75.3 57.8 86.6
 206 24.7 19.1 28.7





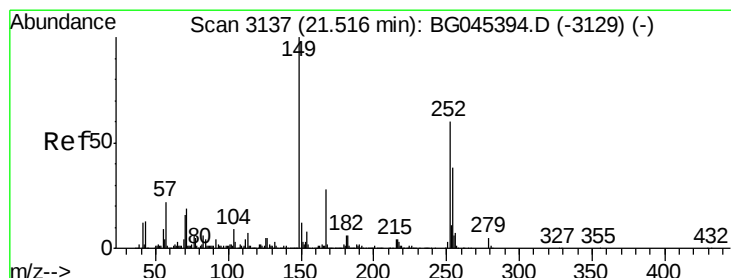
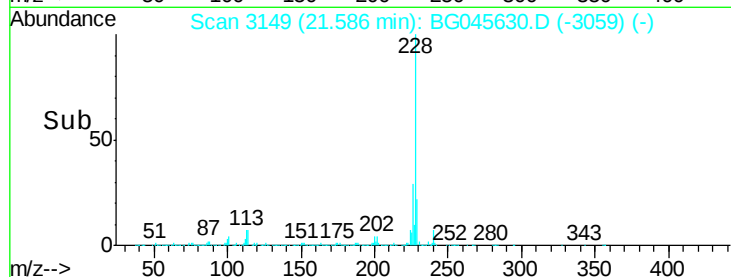
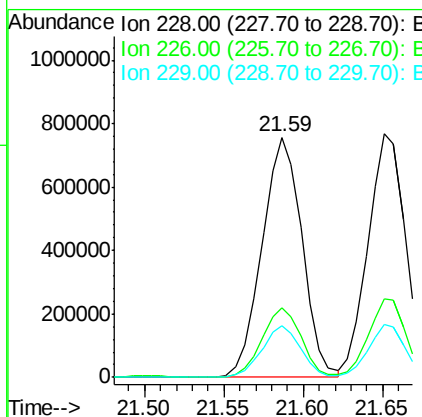
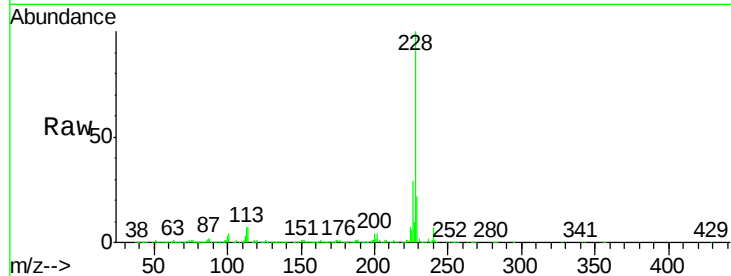
#81
Benzo(a)anthracene
Concen: 44.84 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	21.6	16.7	25.1

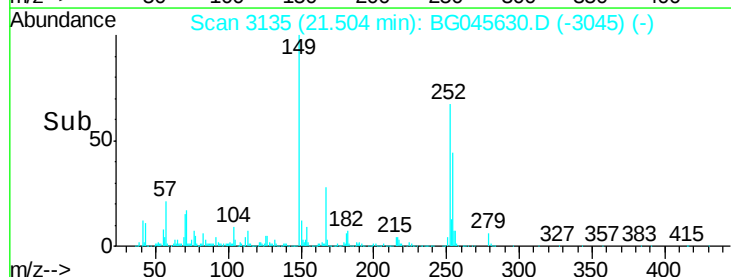
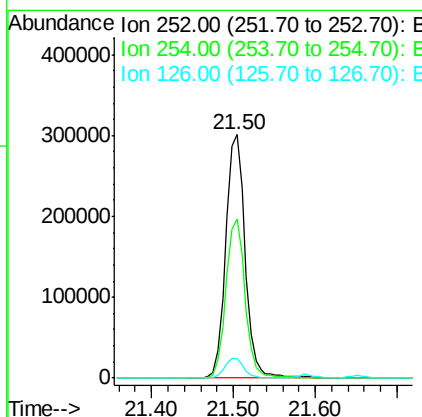
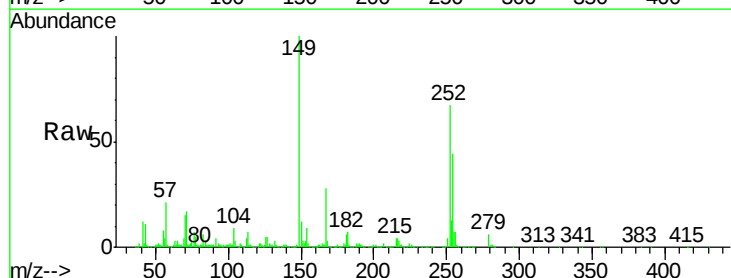
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#82
3,3'-Dichlorobenzidine
Concen: 42.73 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.3	76.9
126	8.1	6.6	10.0





#83

Chrysene

Concen: 44.62 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1272861

Ion Ratio Lower Upper

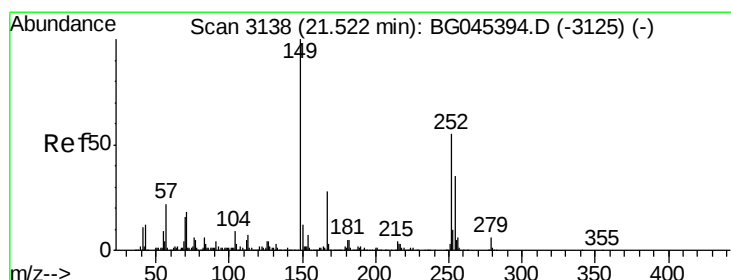
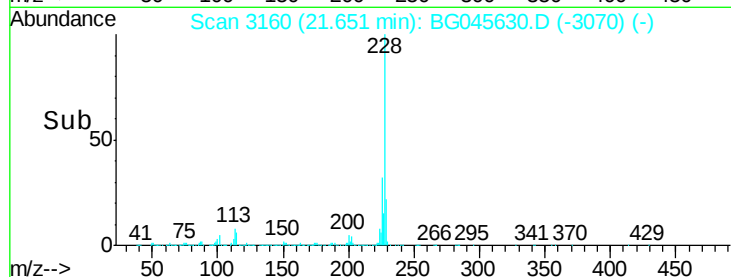
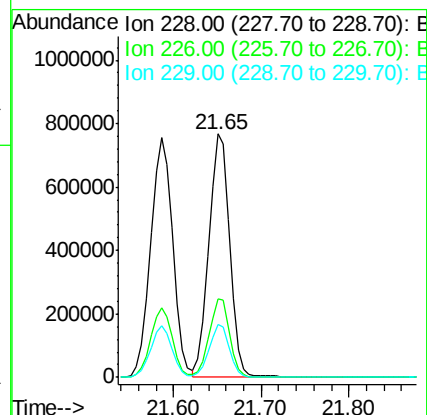
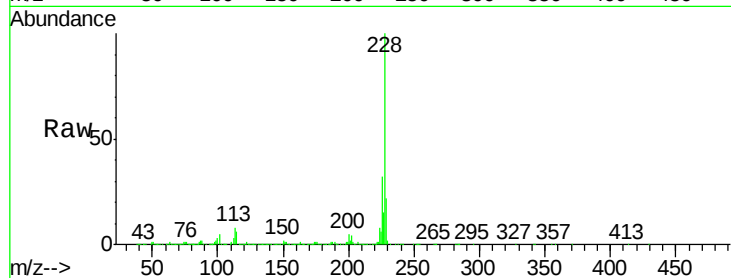
228 100

226 32.0 25.2 37.8

229 21.7 16.7 25.1

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.62 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

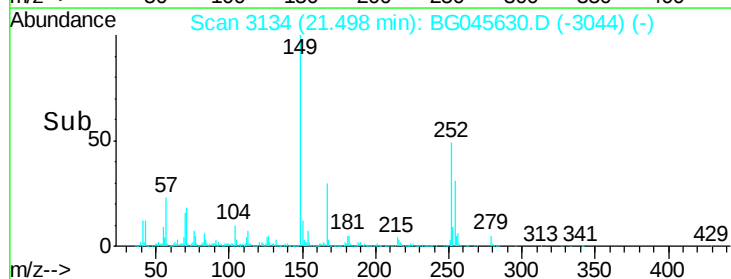
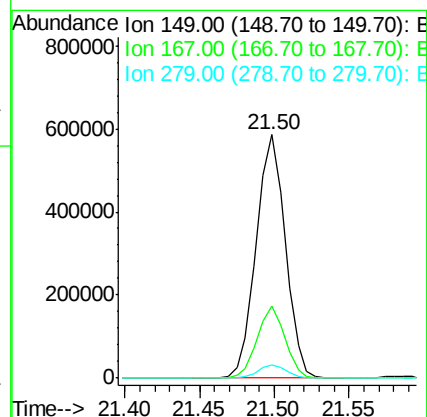
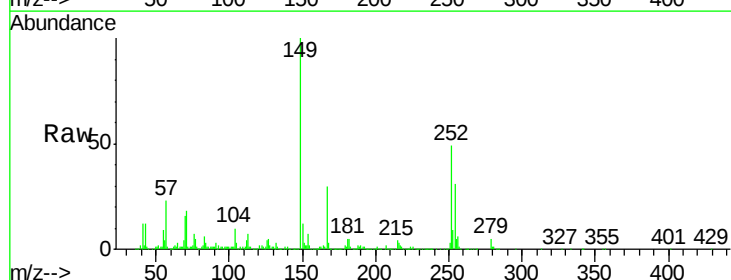
Tgt Ion:149 Resp: 785669

Ion Ratio Lower Upper

149 100

167 29.7 22.2 33.2

279 5.5 4.7 7.1





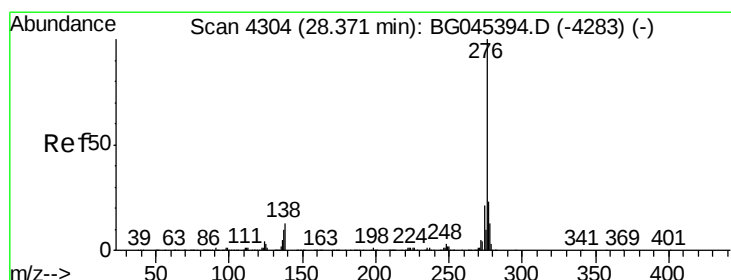
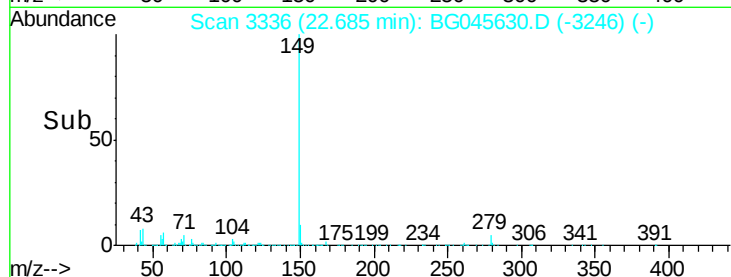
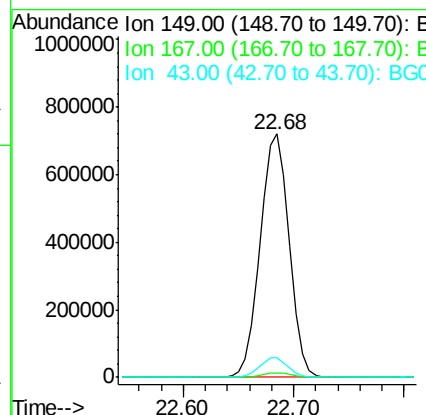
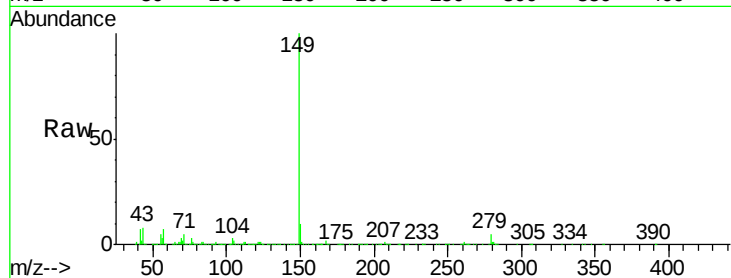
#85
Di-n-octyl phthalate
Concen: 42.87 ng
RT: 22.68 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.7	5.8	8.8

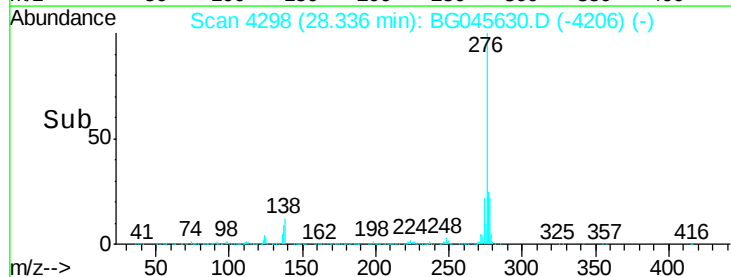
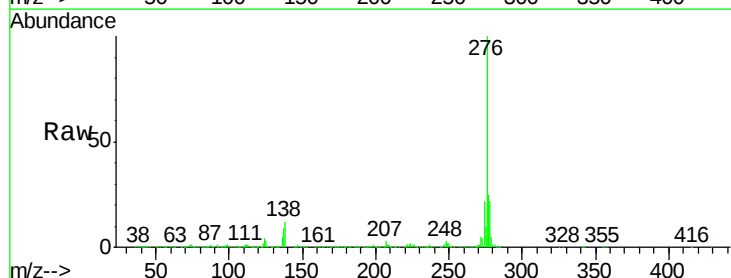
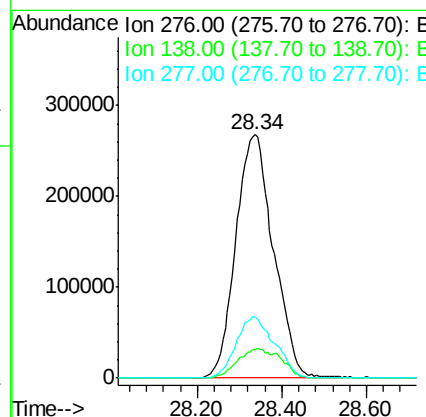
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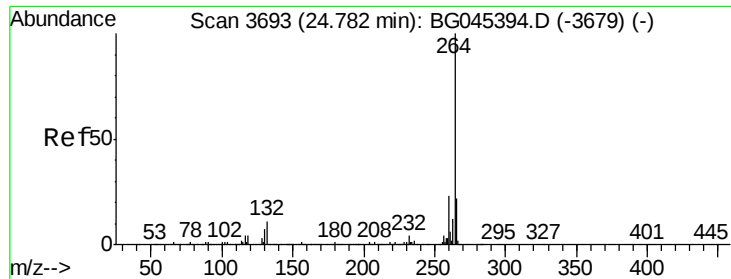
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.27 ng
RT: 28.34 min Scan# 4298
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.3	8.6	12.8
277	25.6	20.2	30.4





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Instrument :

BNA_G

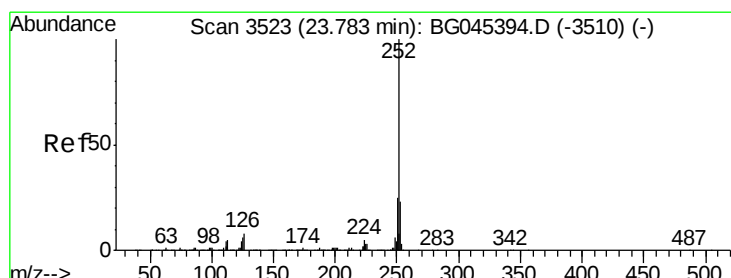
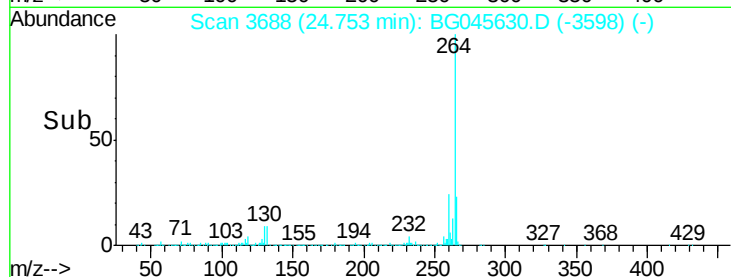
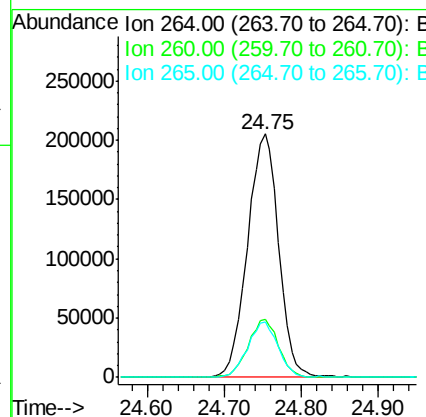
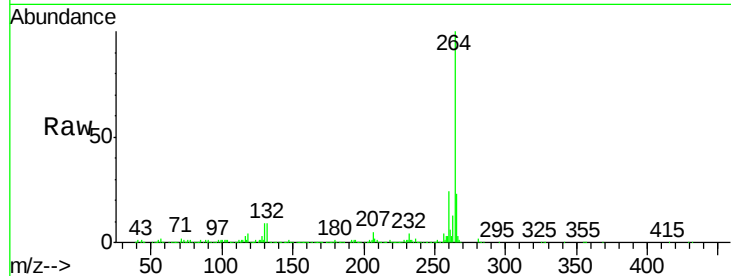
ClientSampleId :

SSTDCCC040

Tgt Ion:	264	Resp:	580457
Ion Ratio		Lower	Upper
264	100		
260	23.6	18.2	27.4
265	22.7	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 44.51 ng

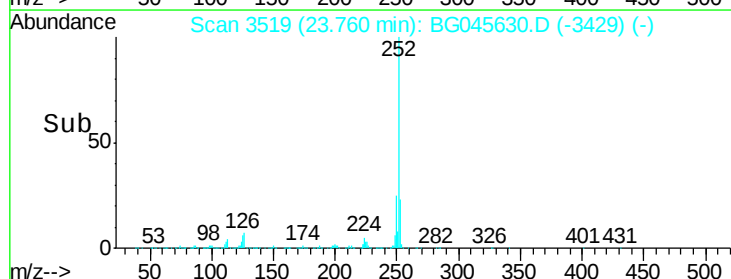
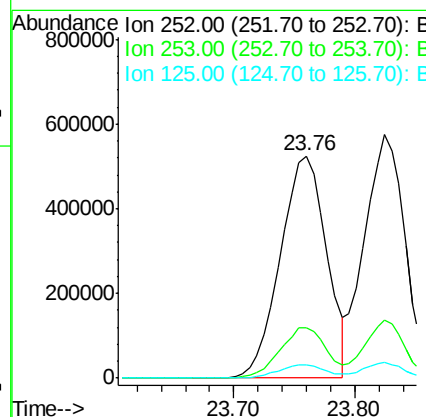
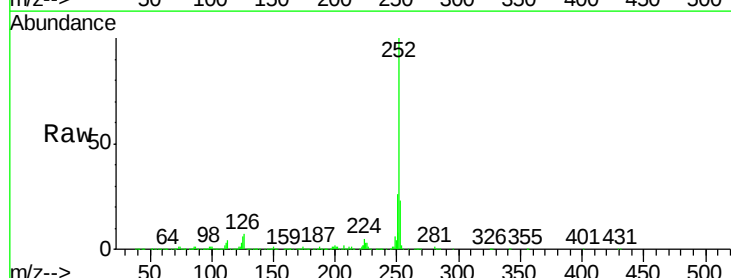
RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045630.D

Acq: 6 Jun 2020 00:57

Tgt Ion:	252	Resp:	1385722
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.1	27.1
125	6.2	5.0	7.6





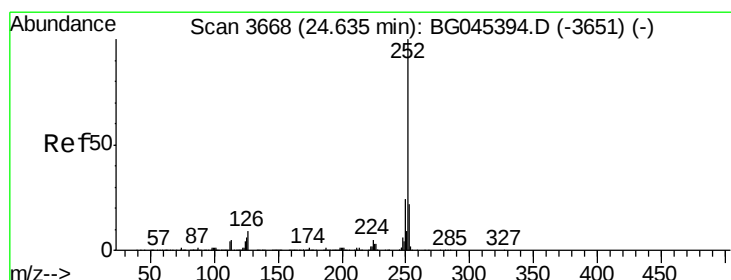
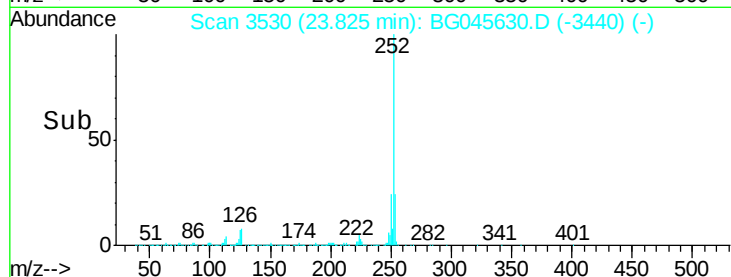
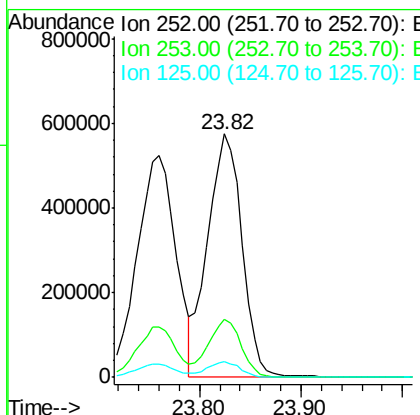
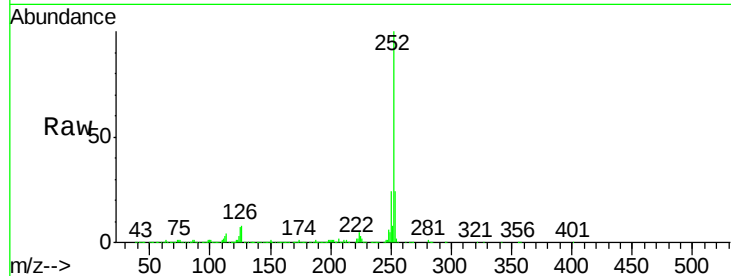
#89
Benzo(k)fluoranthene
Concen: 45.98 ng
RT: 23.82 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	6.5	5.7	8.5

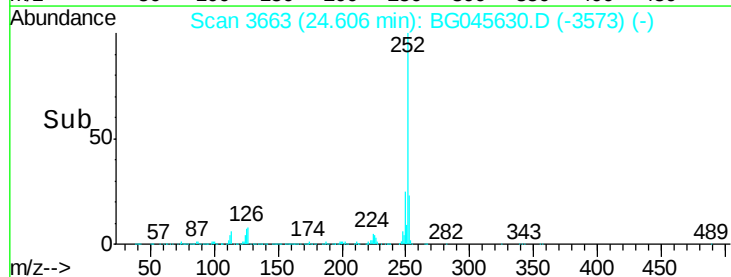
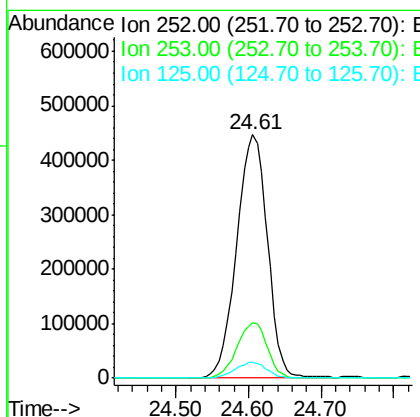
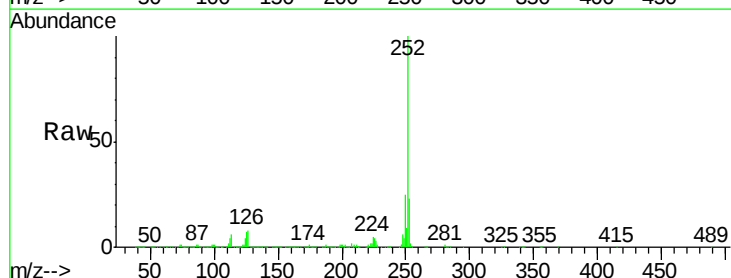
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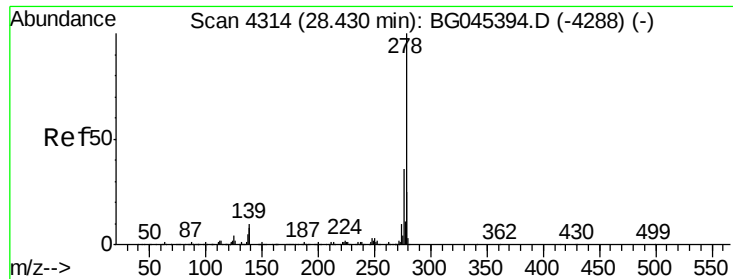
mohammad
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#90
Benzo(a)pyrene
Concen: 45.35 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	6.7	5.0	7.6





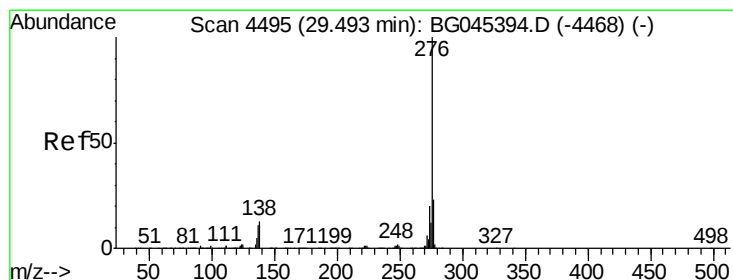
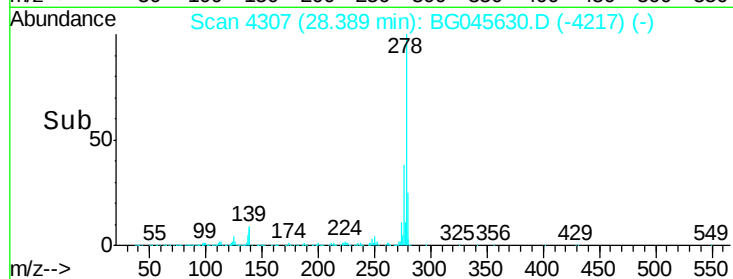
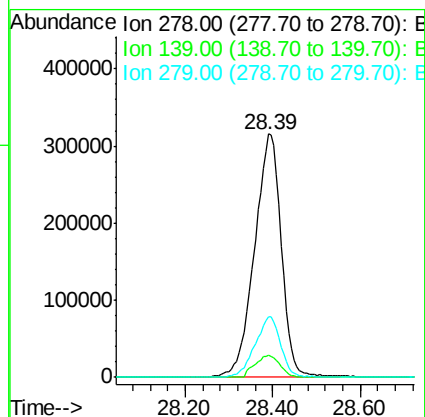
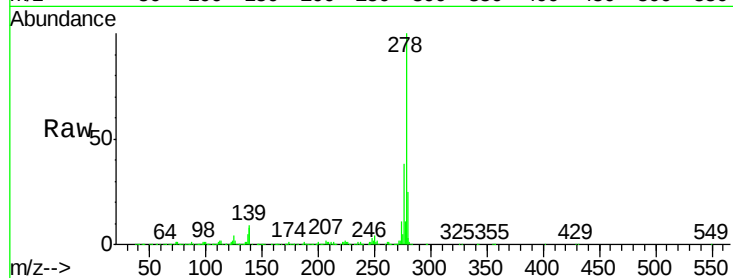
#91
Dibenzo(a,h)anthracene
Concen: 45.38 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.8	11.8
279	24.8	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 45.35 ng
RT: 29.45 min Scan# 4487
Delta R.T. 0.01 min
Lab File: BG045630.D
Acq: 6 Jun 2020 00:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.1	27.1
138	12.5	10.2	15.4

