

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
 Data File : BG044633.D
 Acq On : 2 Mar 2020 13:52
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 3/3/2020 12:27:46 PM

Quant Time: Mar 03 07:05:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	66907m	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	275653	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	186496	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	414339	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	395536	20.00	ng	-0.07
87) Perylene-d12	24.46	264	451676	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	329537	79.02	ng	-0.07
7) Phenol-d6	6.98	99	440485	77.17	ng	-0.07
23) Nitrobenzene-d5	8.96	82	405334	75.76	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	208047	78.68	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	978664	75.15	ng	-0.06
79) Terphenyl-d14	19.83	244	1546233	74.00	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	72304	39.734	ng	99
3) Pyridine	3.64	79	204441	40.264	ng	98
4) n-Nitrosodimethylamine	3.56	42	77037	39.948	ng	99
6) Aniline	7.13	93	266104	38.291	ng	99
8) 2-Chlorophenol	7.37	128	172276	37.846	ng	99
9) Benzaldehyde	6.94	77	120866	36.010	ng	97
10) Phenol	7.01	94	213569	38.610	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	176291	37.911	ng	96
12) 1,3-Dichlorobenzene	7.69	146	209806	38.643	ng	100
13) 1,4-Dichlorobenzene	7.84	146	208108	38.140	ng	100
14) 1,2-Dichlorobenzene	8.16	146	196942	37.954	ng	97
15) Benzyl Alcohol	8.05	79	149777	38.908	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.34	45	237618	38.022	ng	99
17) 2-Methylphenol	8.26	107	150324	38.041	ng	96
18) Hexachloroethane	8.89	117	76415	38.321	ng	97
19) n-Nitroso-di-n-propylamine	8.62	70	142179	38.751	ng	98
20) 3+4-Methylphenols	8.59	107	207950	38.437	ng	99
22) Acetophenone	8.63	105	262331	37.905	ng	# 99
24) Nitrobenzene	9.00	77	195431	37.701	ng	99
25) Isophorone	9.53	82	381751	38.139	ng	99
26) 2-Nitrophenol	9.72	139	103718	36.893	ng	100
27) 2,4-Dimethylphenol	9.79	122	151027	38.261	ng	100
28) bis(2-Chloroethoxy)methane	10.01	93	251563	38.005	ng	99
29) 2,4-Dichlorophenol	10.26	162	180334	38.213	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	204819	37.528	ng	99
31) Naphthalene	10.65	128	562879	37.422	ng	99
32) Benzoic acid	9.97	122	59368	43.926	ng	94
33) 4-Chloroaniline	10.76	127	257954	38.937	ng	99
34) Hexachlorobutadiene	10.95	225	129426	37.762	ng	99
35) Caprolactam	11.54	113	66952	39.631	ng	95
36) 4-Chloro-3-methylphenol	11.91	107	188383	38.780	ng	99
37) 2-Methylnaphthalene	12.27	142	426520	38.368	ng	99
38) 1-Methylnaphthalene	12.49	142	400812	37.945	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	231463	36.866	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	81393	32.872	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	154013	37.780	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	160553	38.339	ng	98
46) 1,1'-Biphenyl	13.29	154	567625	36.779	ng	97
47) 2-Chloronaphthalene	13.33	162	447199	36.952	ng	99
48) 2-Nitroaniline	13.53	65	129304	38.490	ng	97
49) Acenaphthylene	14.17	152	666681	37.319	ng	100
50) Dimethylphthalate	13.92	163	569873	37.859	ng	99
51) 2,6-Dinitrotoluene	14.03	165	125589	37.830	ng	94
52) Acenaphthene	14.52	154	419002	36.794	ng	100
53) 3-Nitroaniline	14.36	138	137405	38.377	ng	97
54) 2,4-Dinitrophenol	14.57	184	59981	36.142	ng	97
55) Dibenzofuran	14.86	168	658707	37.731	ng	99
56) 4-Nitrophenol	14.69	139	99135	40.253	ng	99
57) 2,4-Dinitrotoluene	14.83	165	177519	38.034	ng	99
58) Fluorene	15.51	166	527595	38.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	145238	37.662	ng	99
60) Diethylphthalate	15.28	149	564571	37.853	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	283543	37.674	ng	98
62) 4-Nitroaniline	15.53	138	139974	39.044	ng	95
63) Azobenzene	15.80	77	483094	38.059	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	99174	38.656	ng	96
66) n-Nitrosodiphenylamine	15.71	169	482127	37.303	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	195738	38.058	ng	97
68) Hexachlorobenzene	16.52	284	220631	37.943	ng	97
69) Atrazine	16.67	200	178341	37.326	ng	97
70) Pentachlorophenol	16.87	266	95332	37.733	ng	95
71) Phenanthrene	17.25	178	863625	37.648	ng	99
72) Anthracene	17.34	178	848792	37.547	ng	98
73) Carbazole	17.61	167	787309	38.262	ng	99
74) Di-n-butylphthalate	18.18	149	970923	37.654	ng	99
75) Fluoranthene	19.26	202	1038926	38.259	ng	99
77) Benzidine	19.44	184	498101	36.763	ng	99
78) Pyrene	19.62	202	1056314	36.789	ng	99
80) Butylbenzylphthalate	20.51	149	454212	36.166	ng	97
81) Benzo(a)anthracene	21.42	228	1043126	37.523	ng	99
82) 3,3'-Dichlorobenzidine	21.34	252	412849	37.591	ng	97
83) Chrysene	21.48	228	1000976	37.241	ng	99
84) Bis(2-ethylhexyl)phthalate	21.35	149	644567	37.247	ng	99
85) Di-n-octyl phthalate	22.49	149	1099395	36.109	ng	99
86) Indeno(1,2,3-cd)pyrene	27.87	276	1282277	37.174	ng	99
88) Benzo(b)fluoranthene	23.50	252	1103990	37.175	ng	99
89) Benzo(k)fluoranthene	23.57	252	1112249	38.600	ng	99
90) Benzo(a)pyrene	24.32	252	1051708	37.693	ng	98
91) Dibenzo(a,h)anthracene	27.92	278	1038577	37.637	ng	99
92) Benzo(g,h,i)perylene	28.93	276	1034564	37.420	ng	97

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

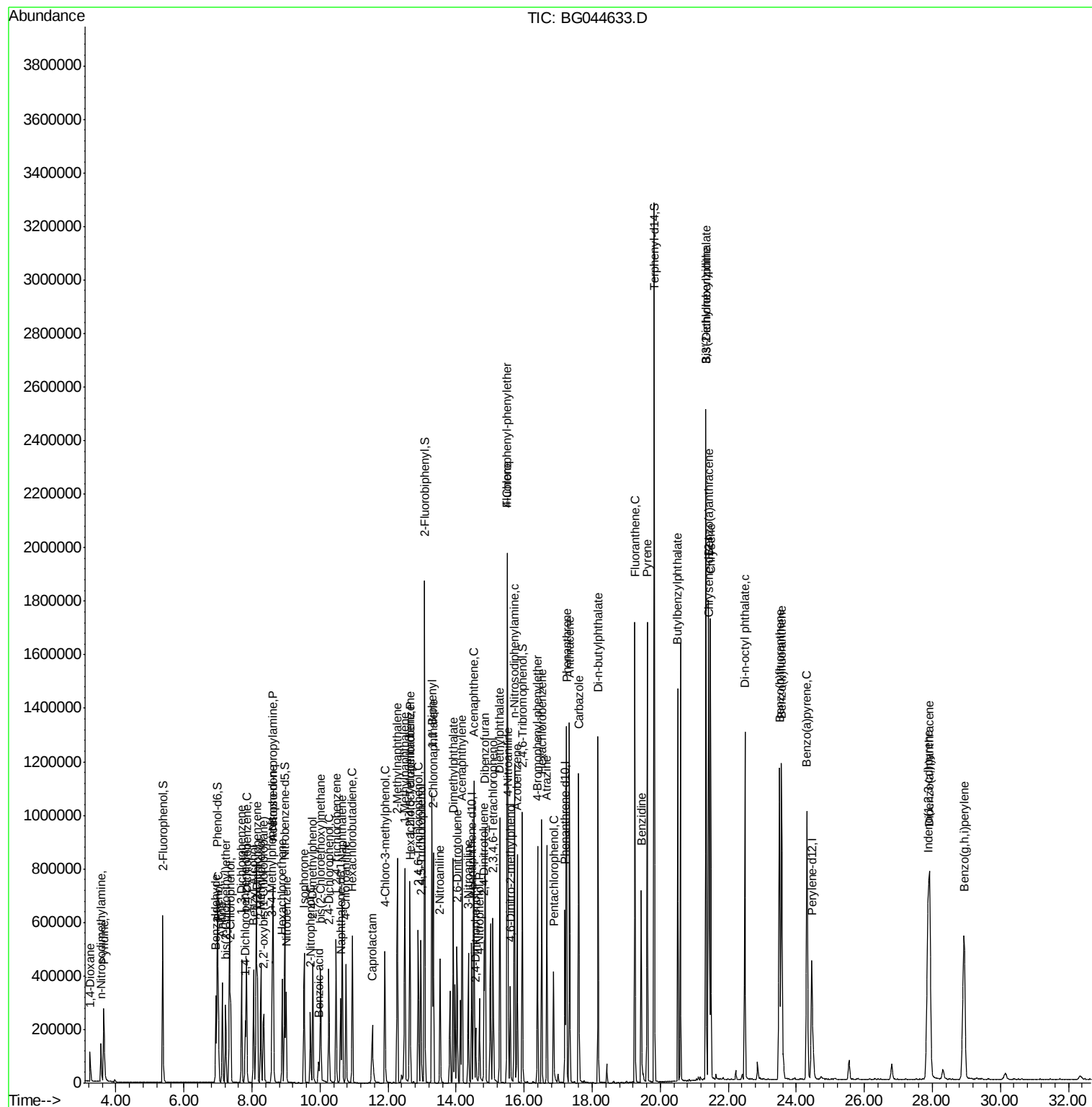
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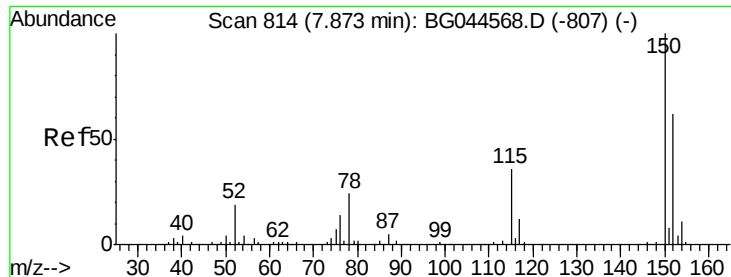
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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#1

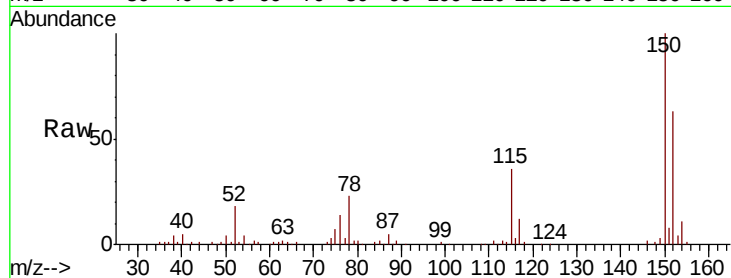
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	128.9	193.3
115	57.9	47.0	70.4

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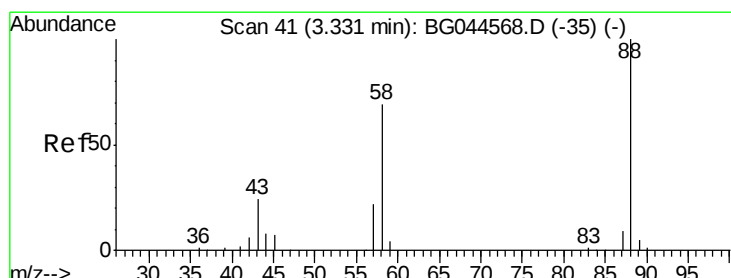
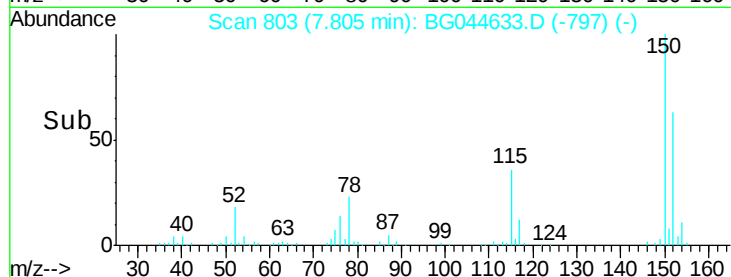
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

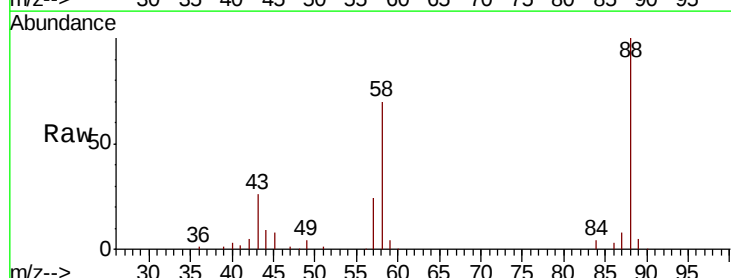
Time-->



#2

1,4-Dioxane
Concen: 39.734 ng/ml
RT: 3.24 min Scan# 26
Delta R.T. -0.09 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	55.8	83.8
43	25.9	20.6	31.0



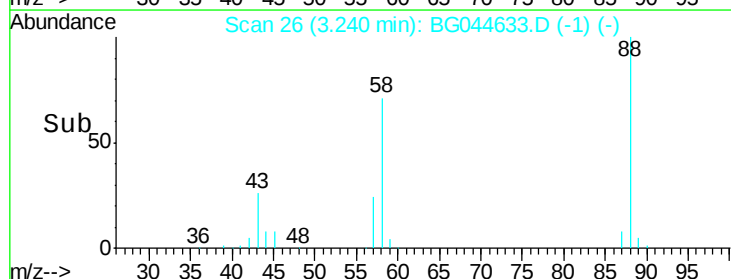
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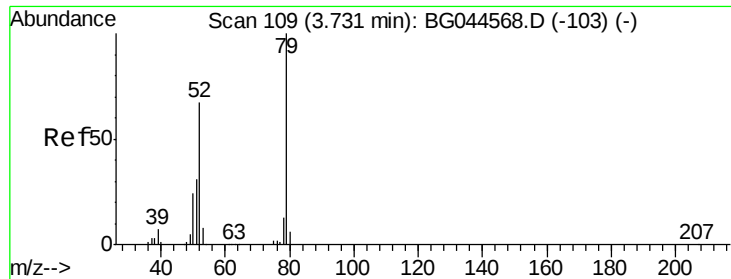
Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Time-->





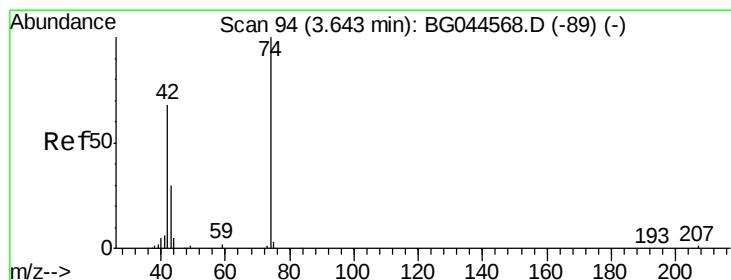
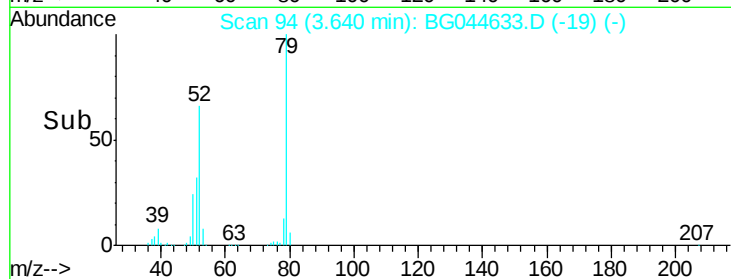
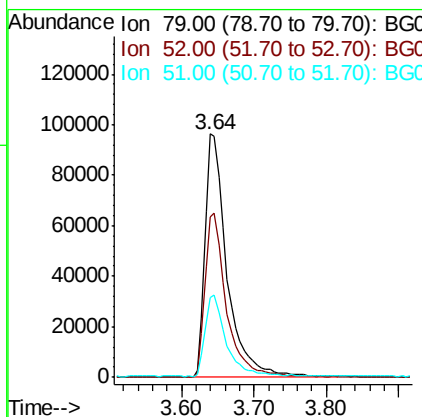
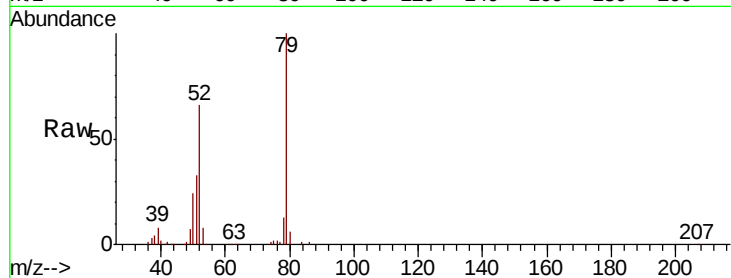
#3
 Pvridine
 Concen: 40.264 ng
 RT: 3.64 min Scan# 94
 Delta R.T. -0.09 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.0	53.7	80.5
51	32.7	25.4	38.0

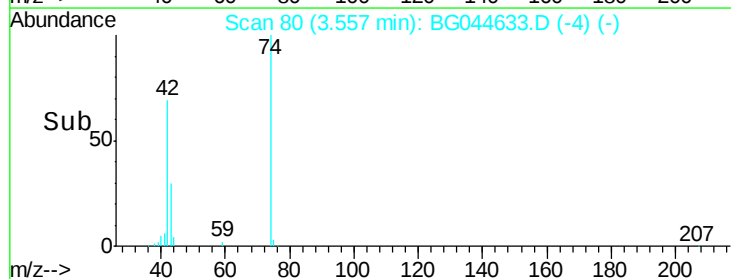
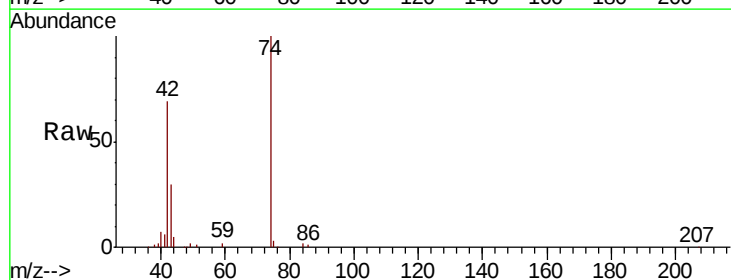
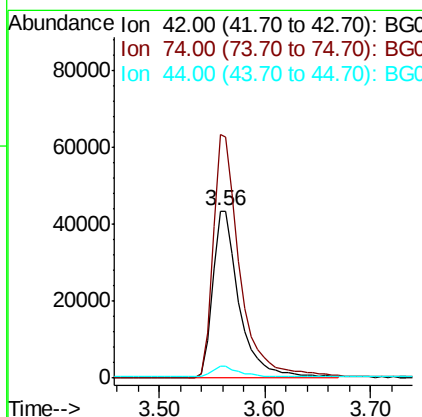
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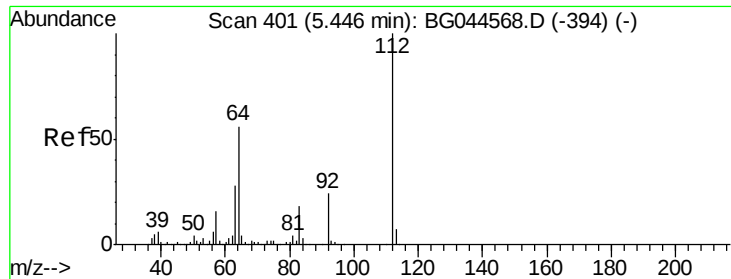
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#4
 n-Nitrosodimethylamine
 Concen: 39.948 ng
 RT: 3.56 min Scan# 80
 Delta R.T. -0.09 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.6	117.6	176.4
44	6.9	6.3	9.5





#5

2-Fluorophenol

Concen: 79.025 ng

RT: 5.38 min Scan# 390

Delta R.T. -0.07 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Instrument :

BNA_G

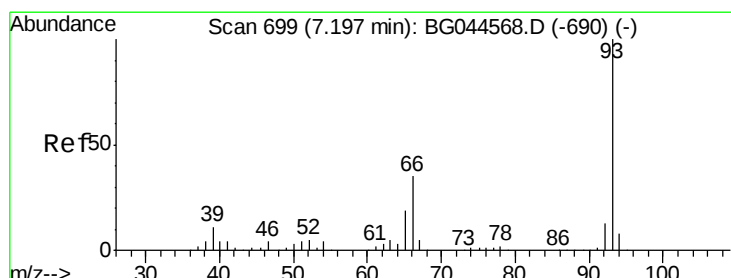
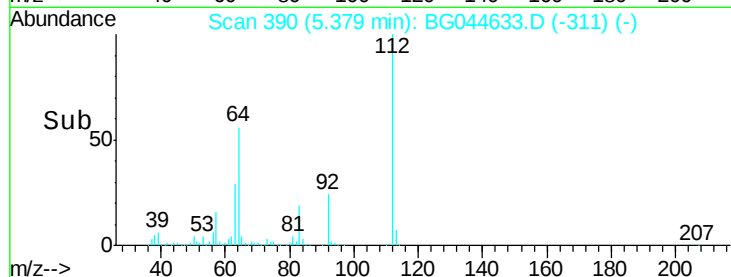
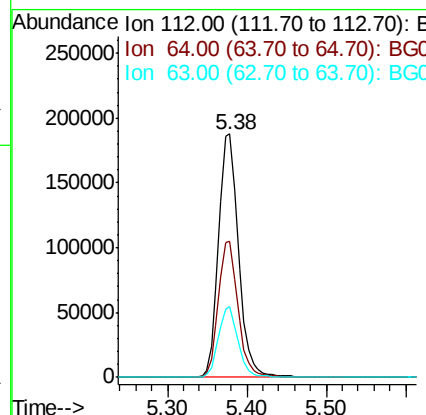
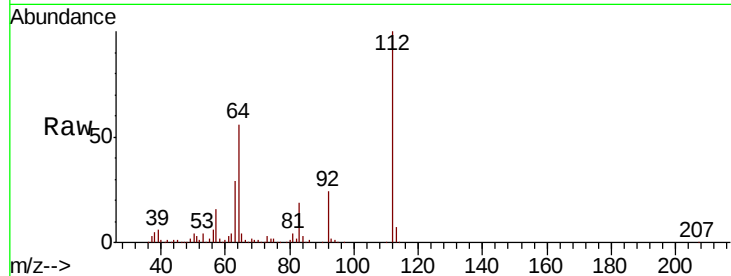
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	329537		
64	55.9	44.8	67.2	
63	29.1	22.3	33.5	

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#6

Aniline

Concen: 38.291 ng

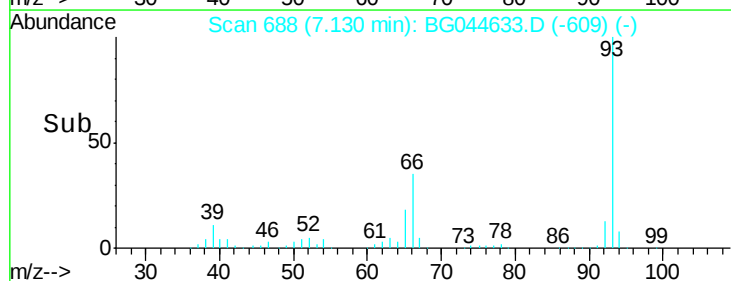
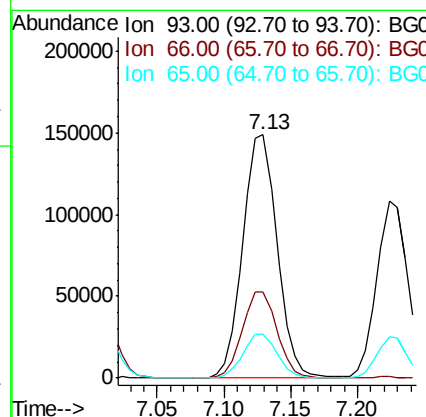
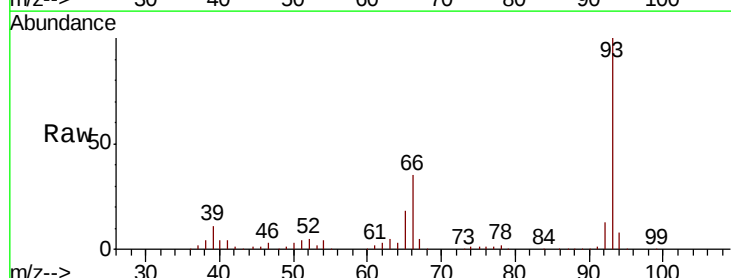
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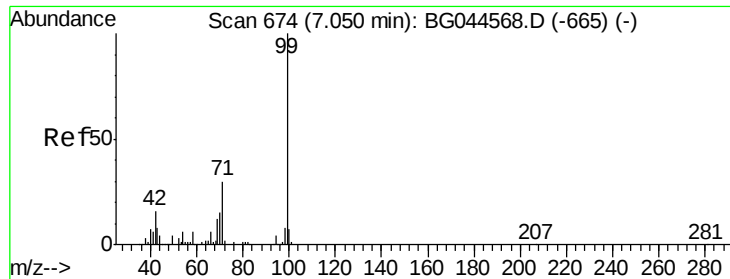
Delta R.T. -0.07 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	266104		
66	35.4	27.8	41.8	
65	18.1	14.9	22.3	





#7

Phenol-d6

Concen: 77.170 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Instrument :

BNA_G

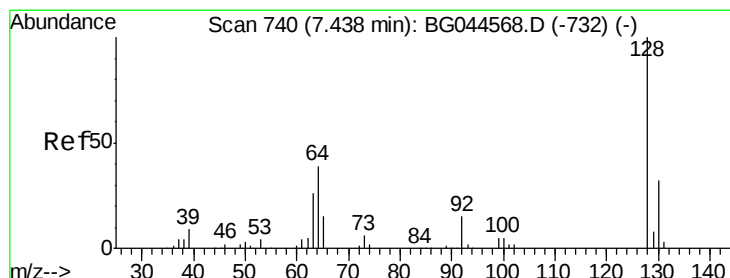
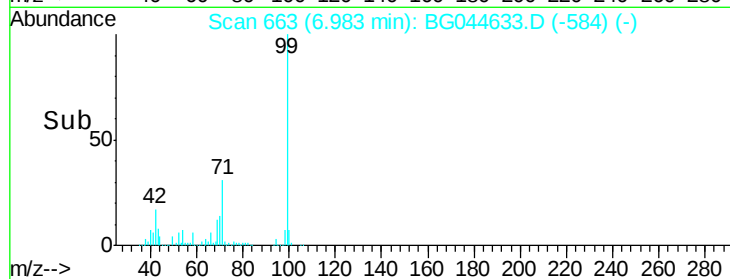
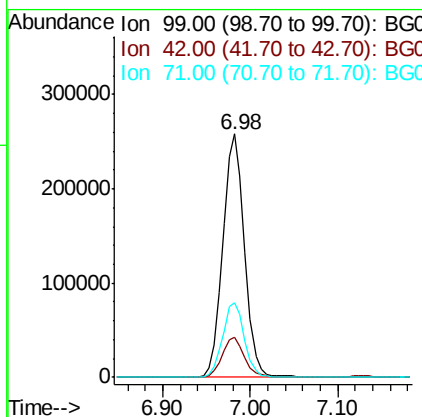
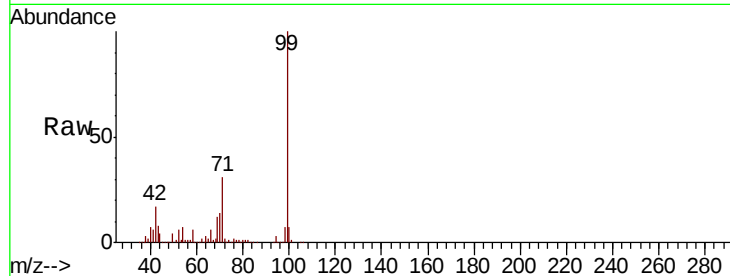
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	440485
Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.8	19.2
71	30.6	24.4	36.6

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#8

2-Chlorophenol

Concen: 37.846 ng

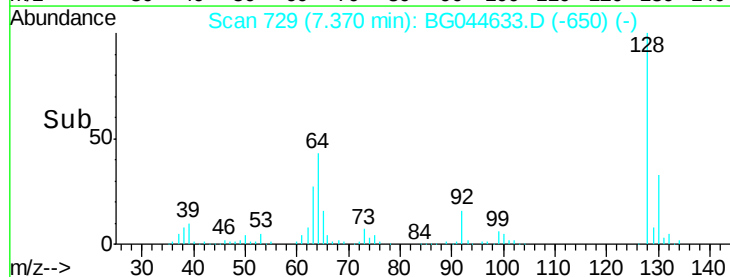
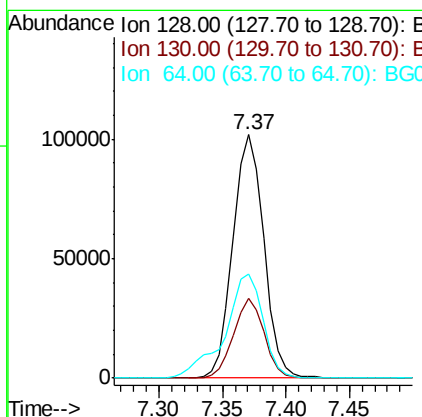
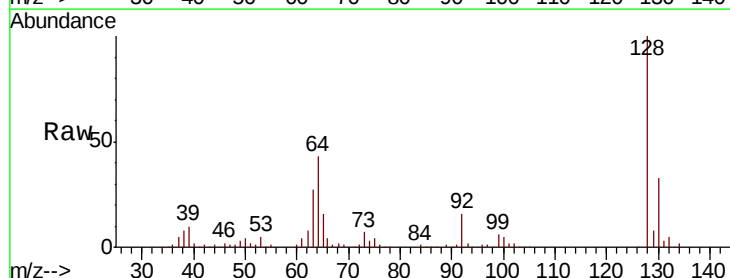
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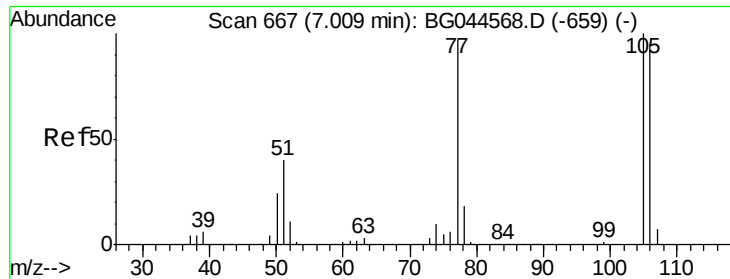
Delta R.T. -0.07 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Tgt Ion:	128	Resp:	172276
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	42.6	22.5	62.5





#9

Benzaldehyde

Concen: 36.010 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.07 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Instrument :

BNA_G

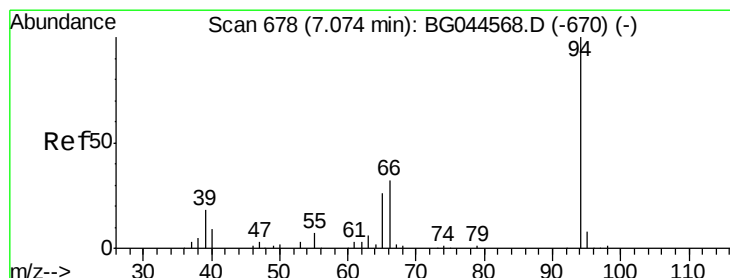
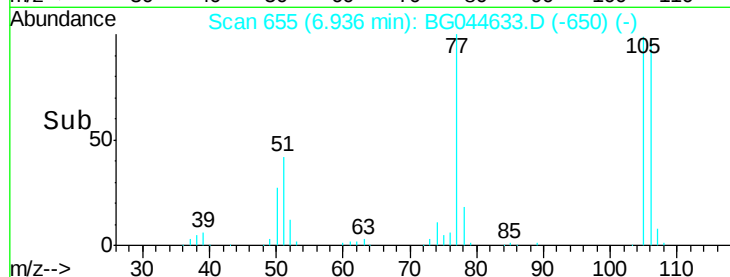
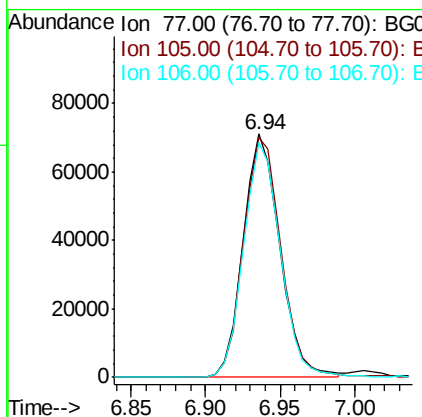
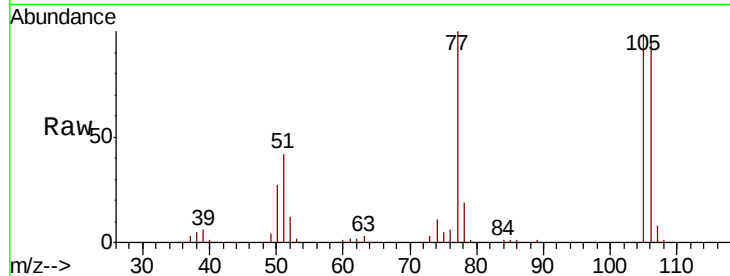
ClientSampleId :

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Tot Ion:	77	Resp:	120866
Ion	Ratio	Lower	Upper
77	100		
105	98.5	83.6	123.6
106	96.5	78.2	118.2

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#10

Phenol

Concen: 38.610 ng

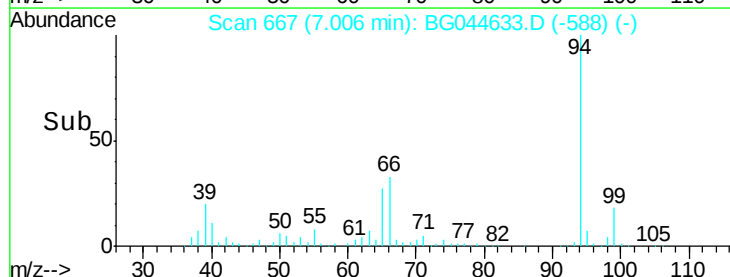
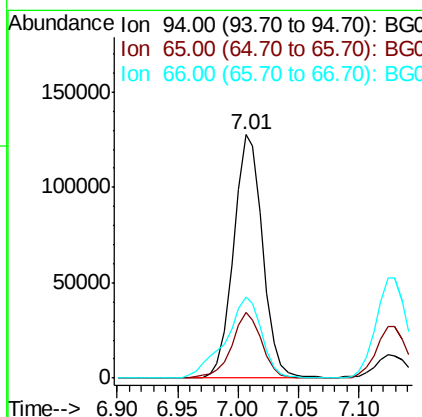
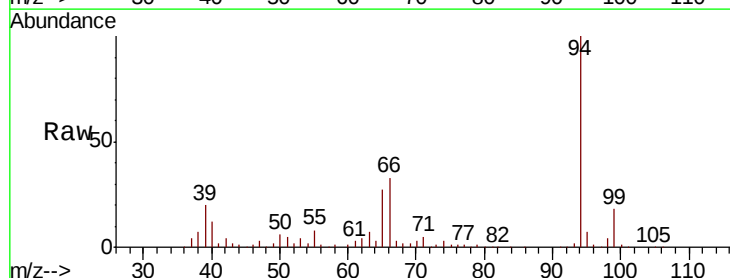
RT: 7.01 min Scan# 667

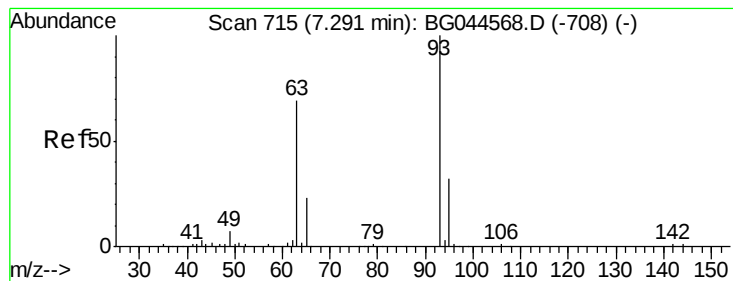
Delta R.T. -0.07 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Tgt Ion:	94	Resp:	213569
Ion	Ratio	Lower	Upper
94	100		
65	26.9	6.4	46.4
66	33.3	13.9	53.9





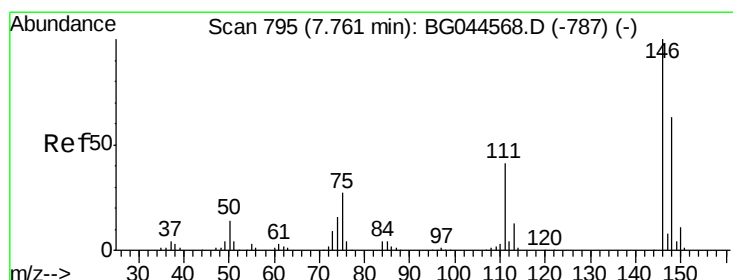
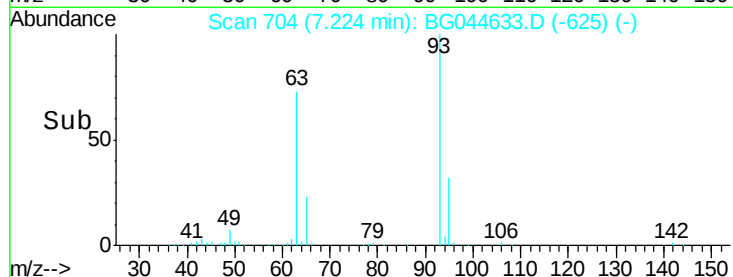
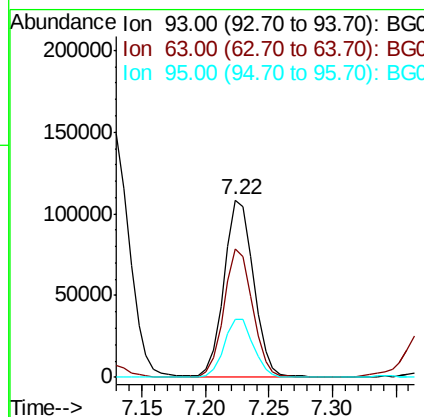
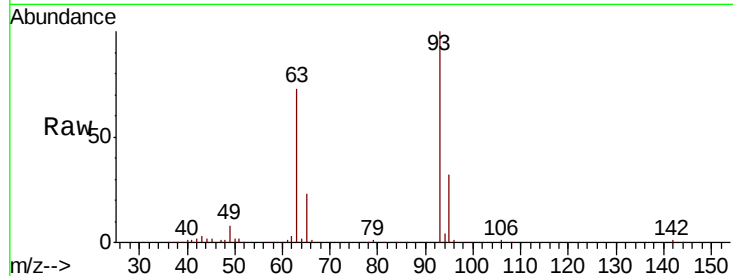
#11
bis(2-Chloroethyl)ether
Concen: 37.911 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	48.9	88.9
95	32.4	11.3	51.3

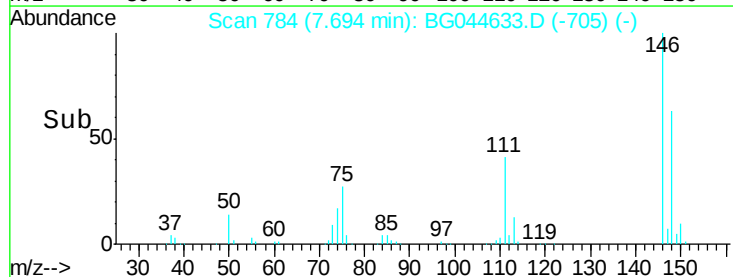
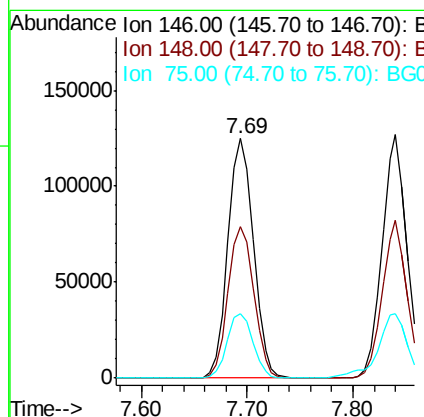
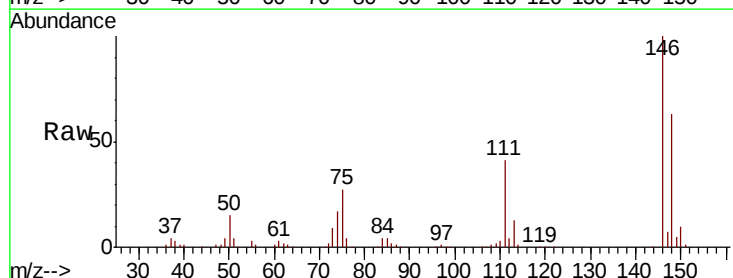
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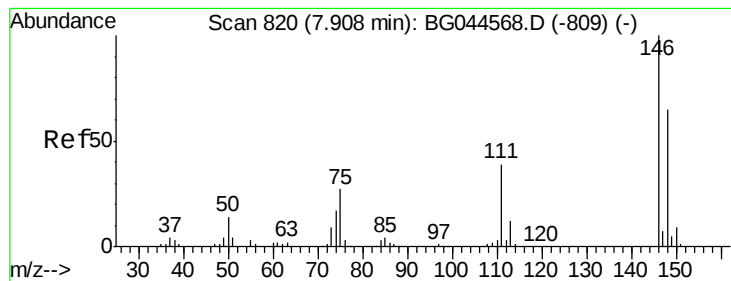
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#12
1,3-Dichlorobenzene
Concen: 38.643 ng
RT: 7.69 min Scan# 784
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
75	26.9	21.4	32.0





#13

1,4-Dichlorobenzene

Concen: 38.140 ng

RT: 7.84 min Scan# 809

Delta R.T. -0.07 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Instrument :

BNA_G

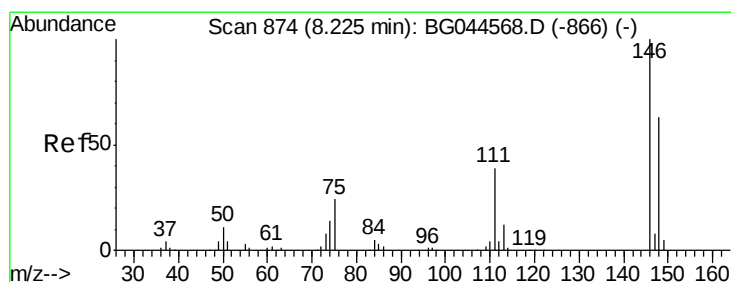
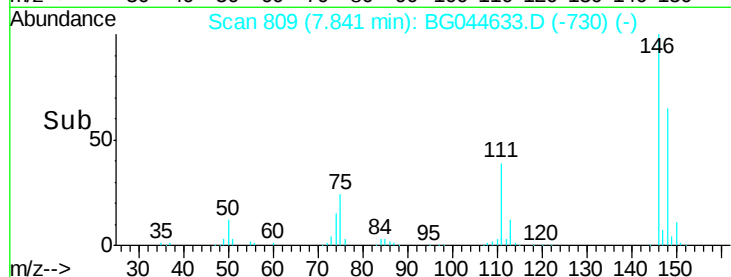
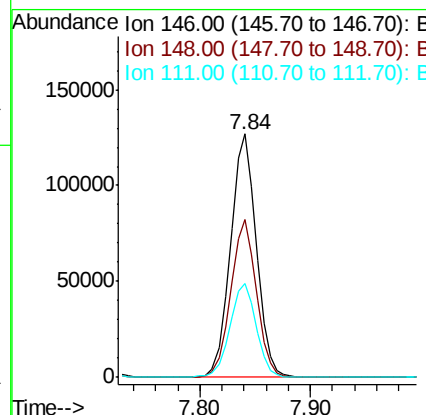
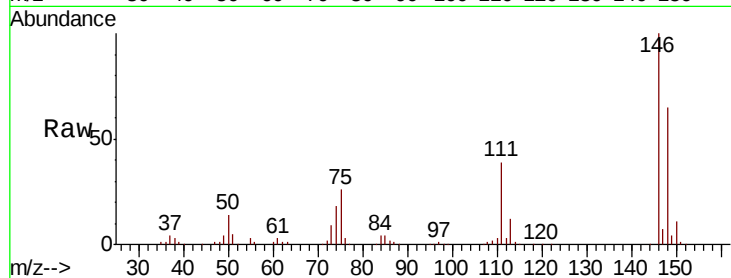
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	208108
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.9	77.9
111	38.6	30.8	46.2

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#14

1,2-Dichlorobenzene

Concen: 37.954 ng

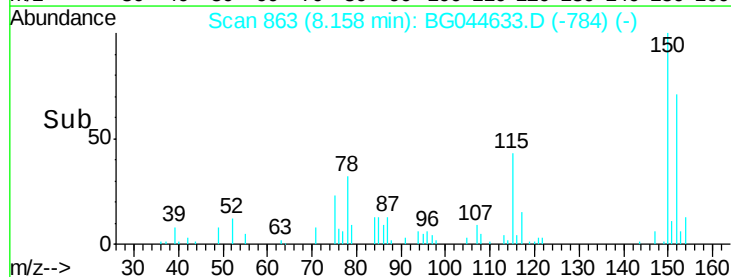
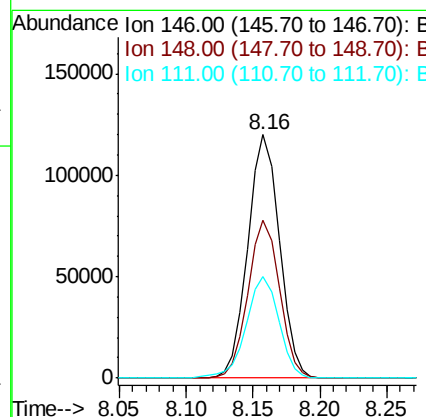
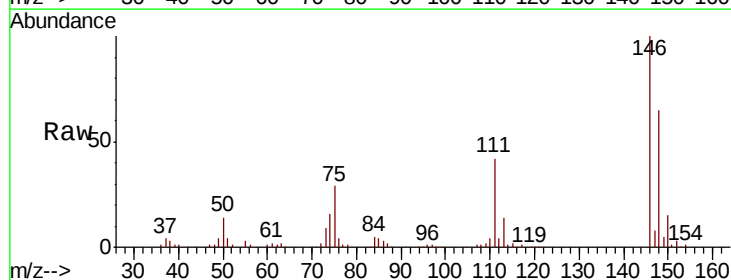
RT: 8.16 min Scan# 863

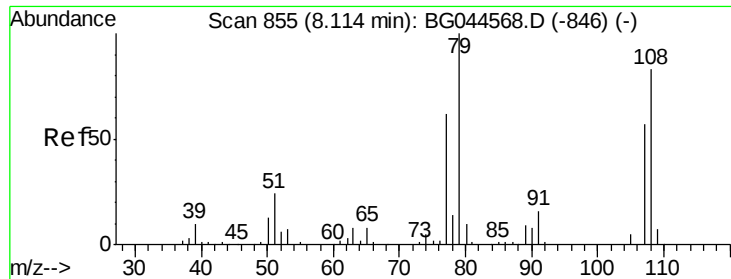
Delta R.T. -0.07 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Tgt Ion:	146	Resp:	196942
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.7	76.1
111	41.8	31.8	47.6





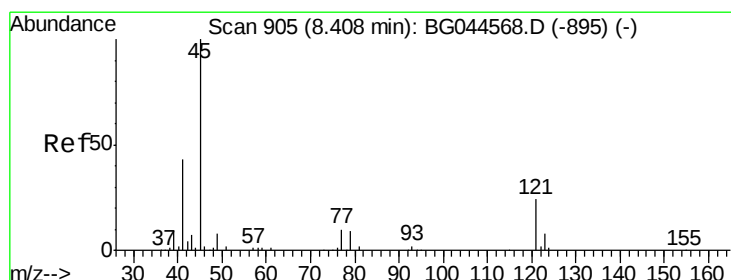
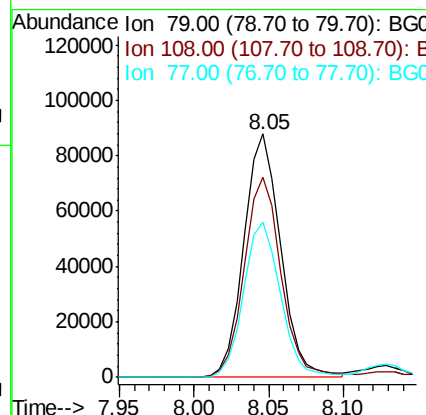
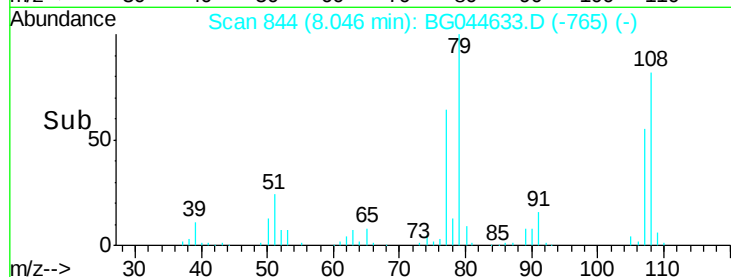
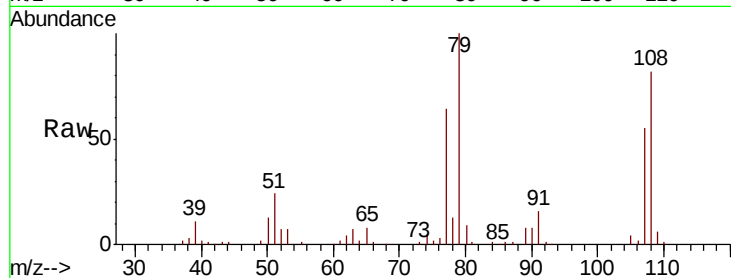
#15
Benzyl Alcohol
Concen: 38.908 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100	149777		
108	82.1	66.0	99.0	
77	63.5	49.6	74.4	

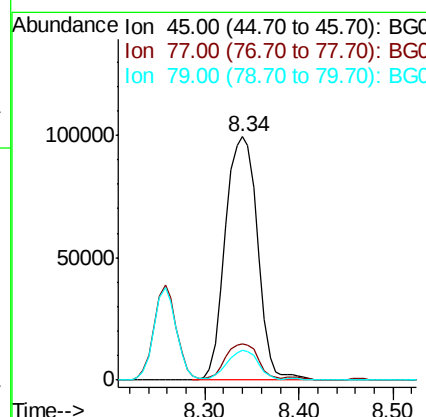
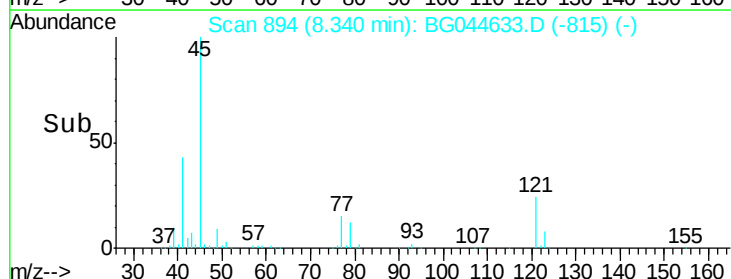
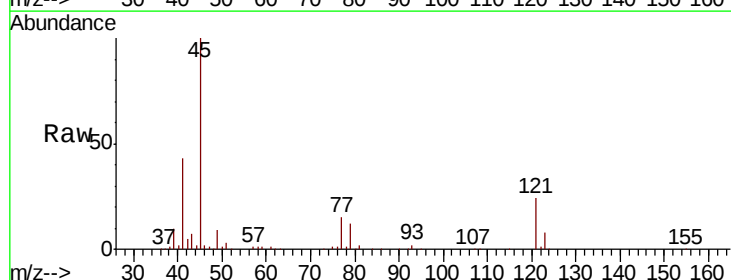
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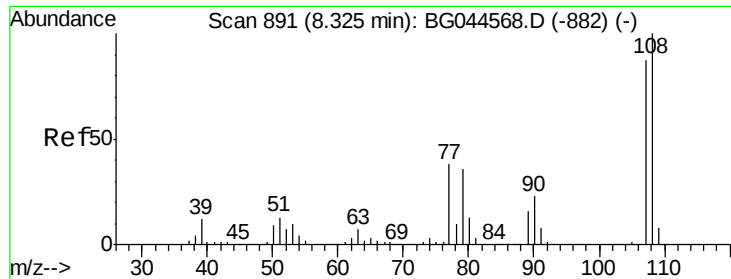
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.022 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	237618		
77	14.7	0.0	34.4	
79	12.0	0.0	32.3	





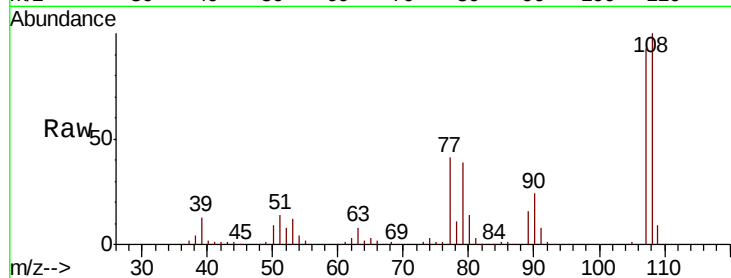
#17
2-Methylphenol
Concen: 38.041 ng
RT: 8.26 min Scan# 880
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

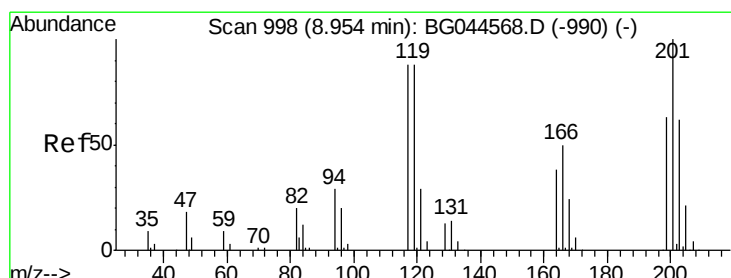
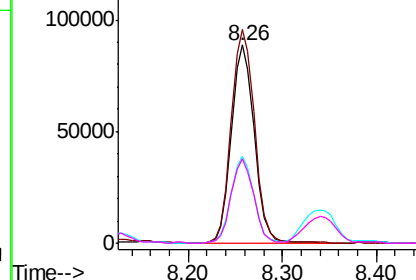
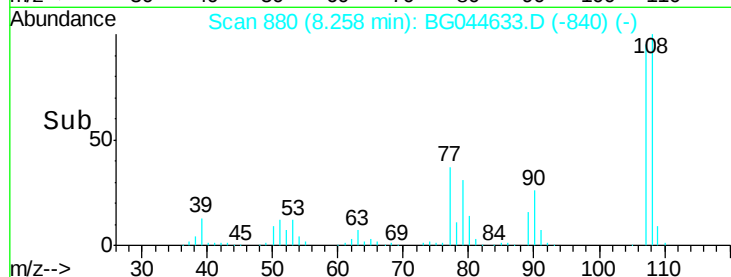
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.8	91.7	137.5	
77	43.8	35.1	52.7	
79	42.3	33.2	49.8	

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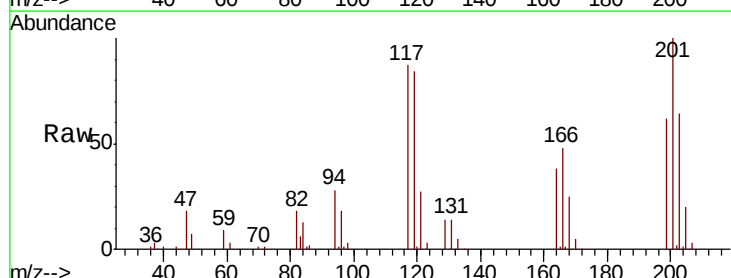


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

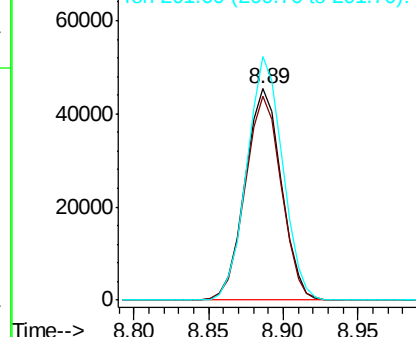
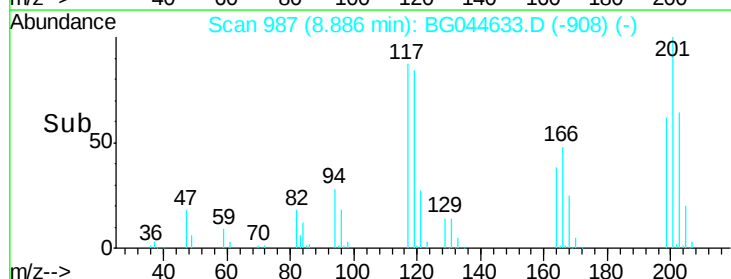


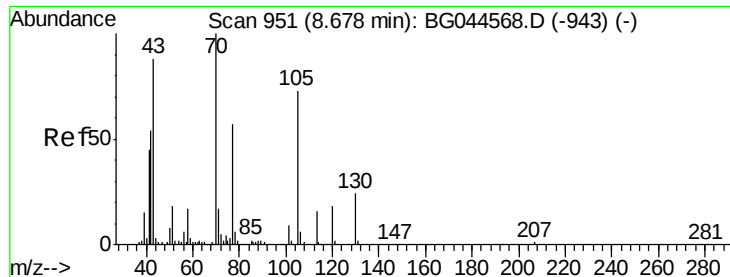
#18
Hexachloroethane
Concen: 38.321 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	80.0	120.0	
201	115.3	90.5	135.7	



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





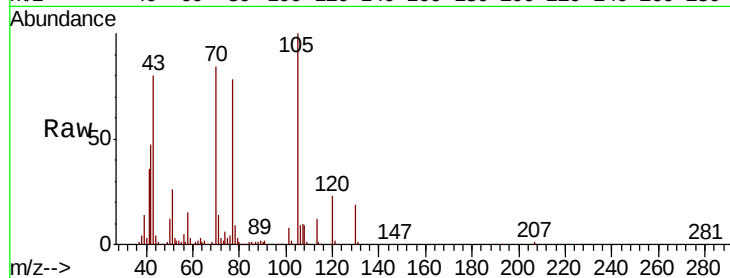
#19
n-Nitroso-di-n-propylamine
Concen: 38.751 ng
RT: 8.62 min Scan# 941
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.0	43.4	65.0	
101	9.7	7.5	11.3	
130	23.0	18.9	28.3	

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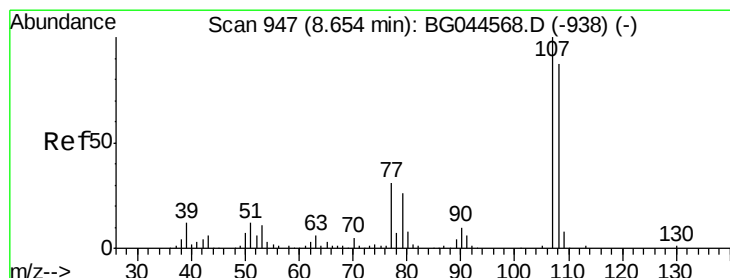
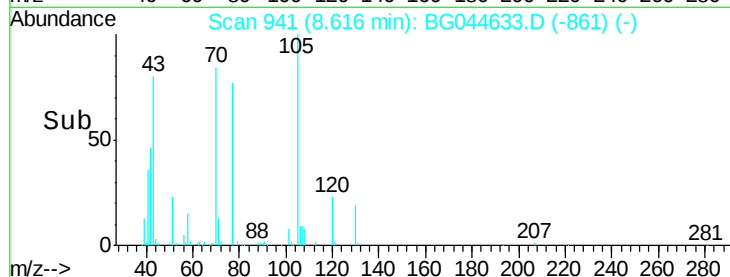
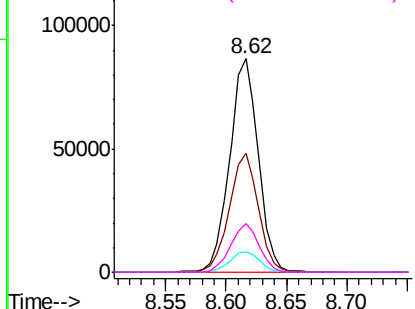
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.437 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	67.5	107.5	
77	31.2	11.3	51.3	
79	26.8	6.4	46.4	

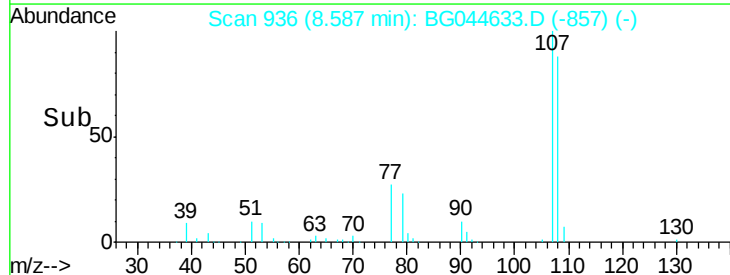
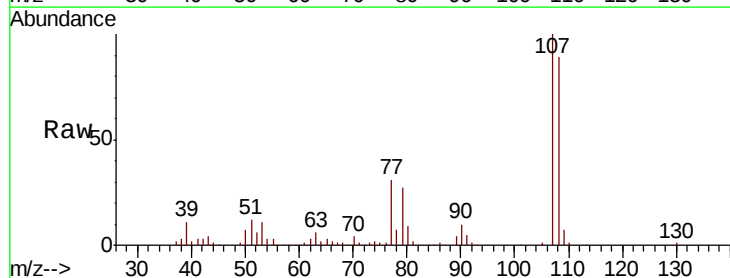
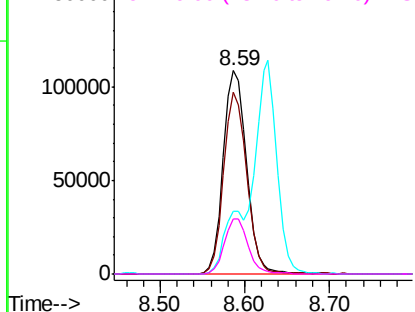
Abundance

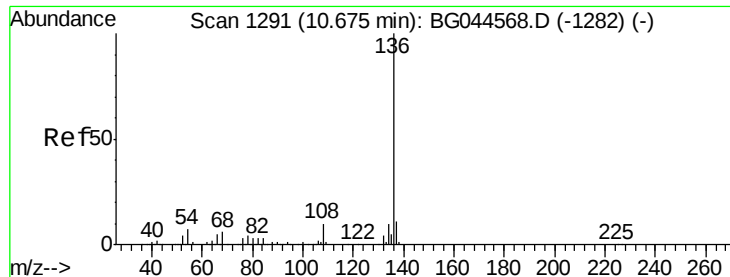
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.60 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Instrument :

BNA_G

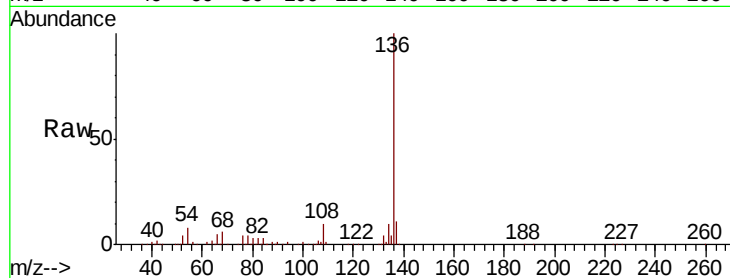
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	275653		
137	10.8		8.8	13.2
54	7.6		5.7	8.5
68	5.8		4.5	6.7

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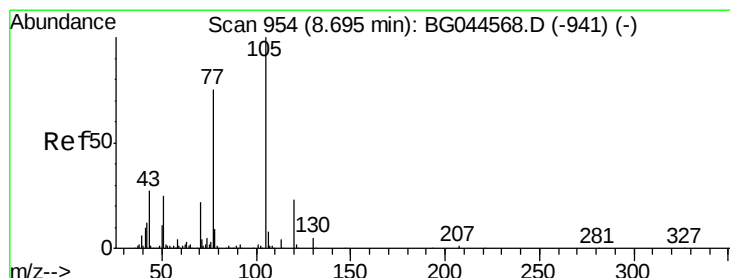
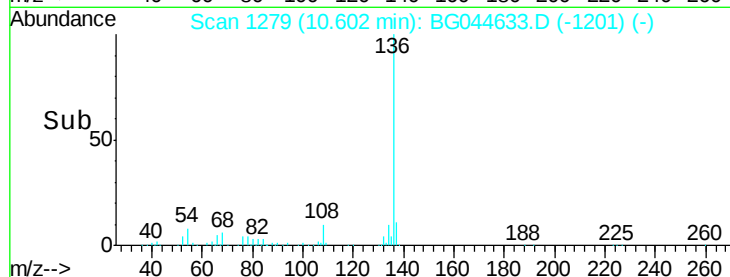
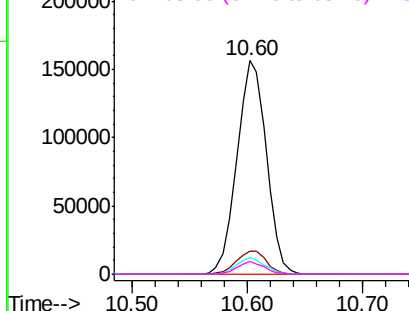
Abundance

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: 37.905 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.07 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262331		
71	4.8		2.8	4.2#
51	24.5		19.9	29.9
120	23.1		18.6	28.0

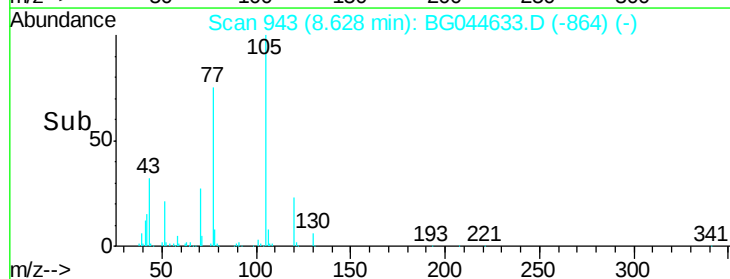
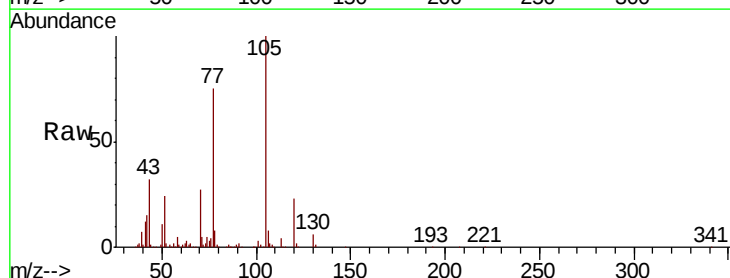
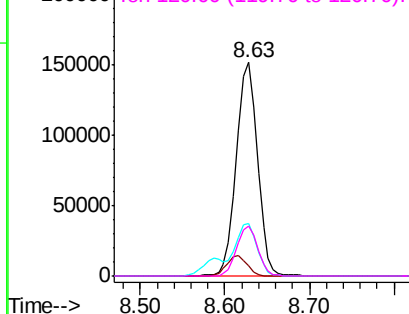
Abundance

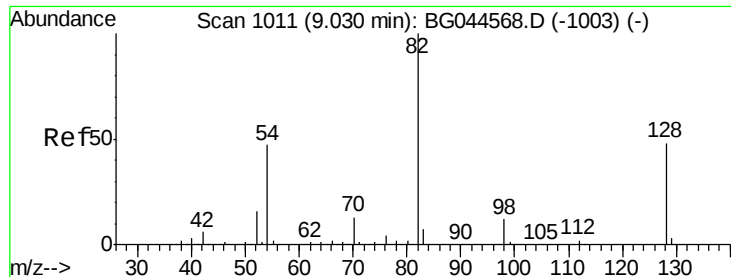
Ion 105.00 (104.70 to 105.70): E

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





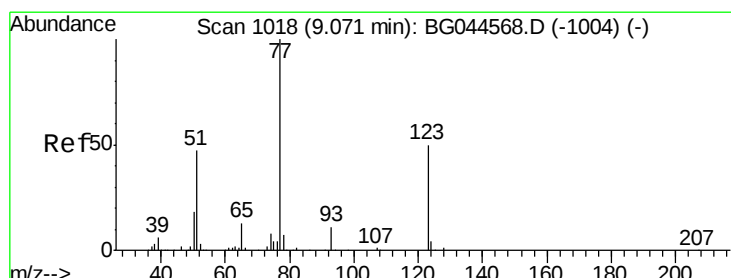
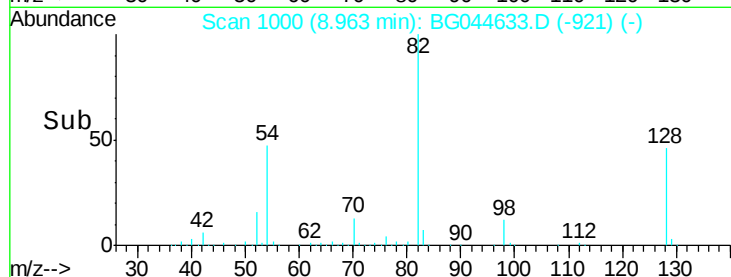
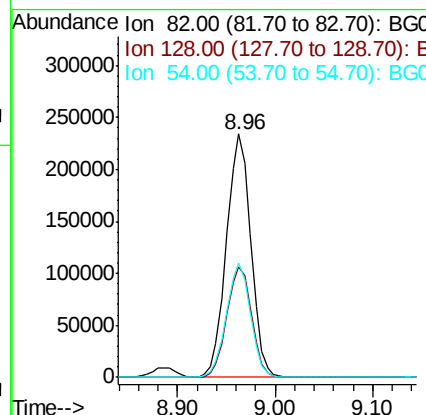
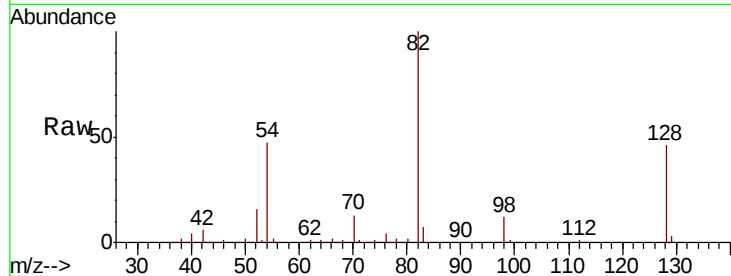
#23
Nitrobenzene-d5
Concen: 75.755 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	405334		
128	45.6		38.1	57.1
54	46.9		37.5	56.3

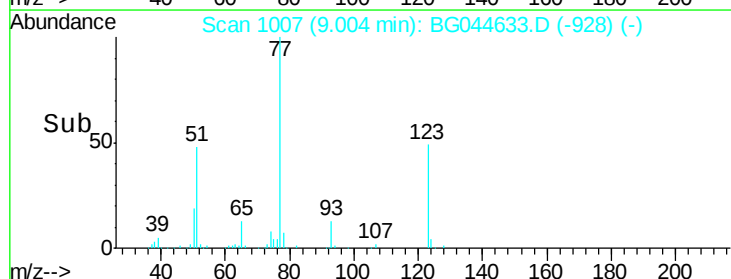
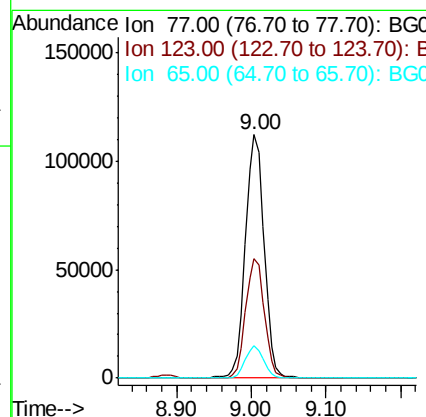
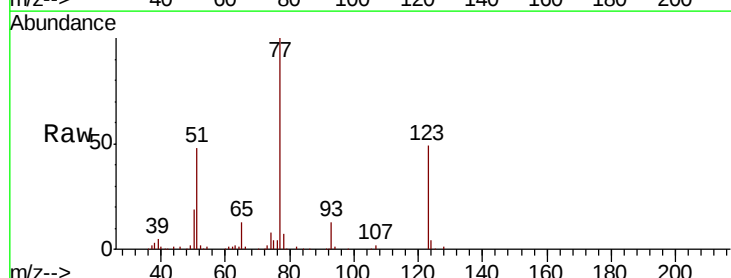
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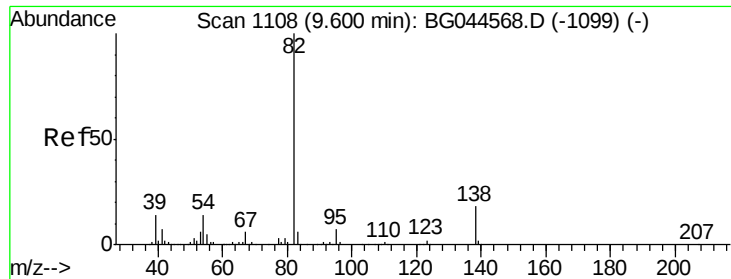
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#24
Nitrobenzene
Concen: 37.701 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	195431		
123	49.0		40.1	60.1
65	13.2		10.4	15.6





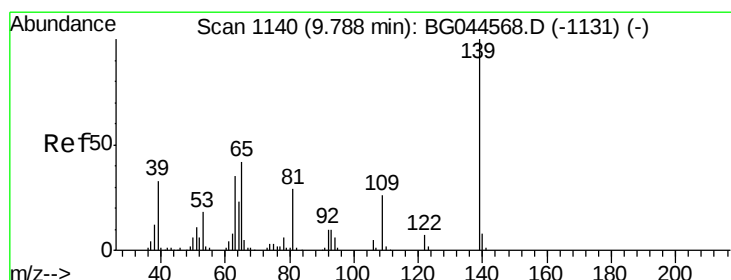
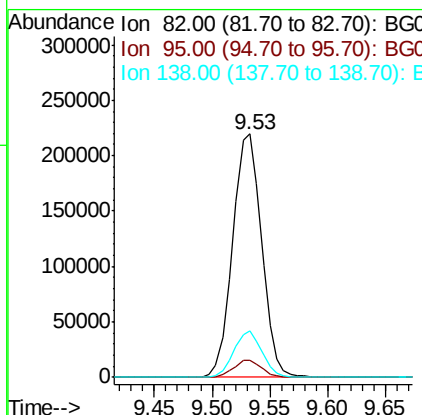
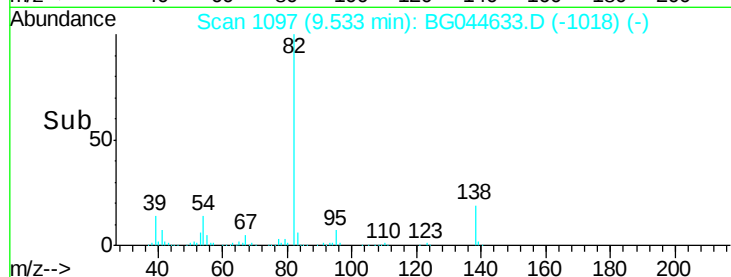
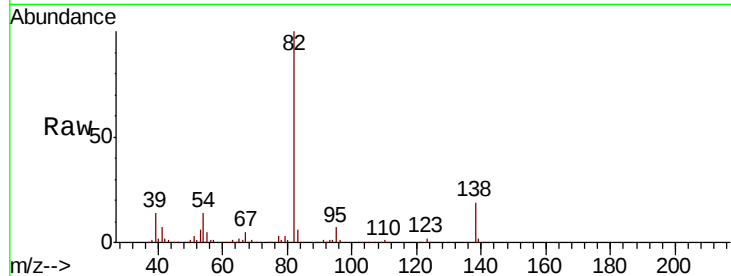
#25
Isophorone
Concen: 38.139 ng
RT: 9.53 min Scan# 1097
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.2	14.7	22.1

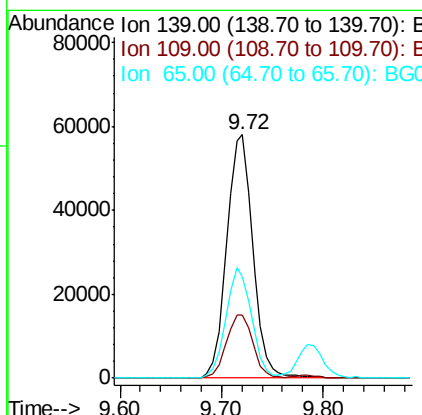
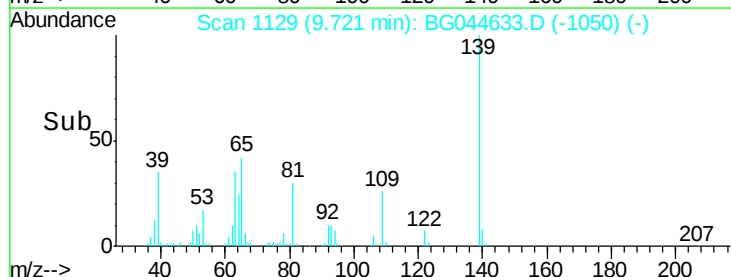
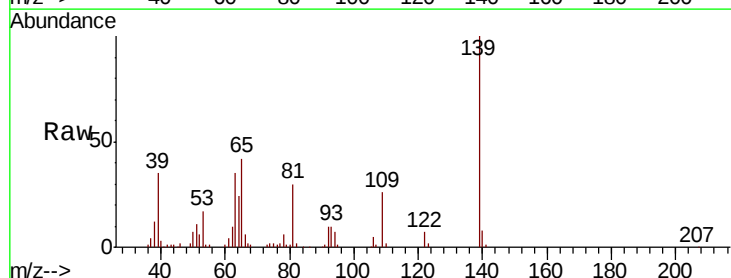
Manual Integrations
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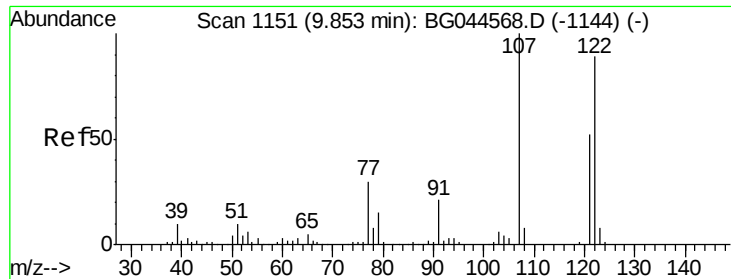
mohammad
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#26
2-Nitrophenol
Concen: 36.893 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.0	20.6	31.0
65	41.6	33.3	49.9





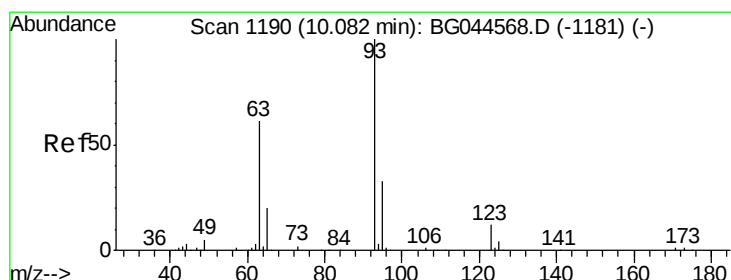
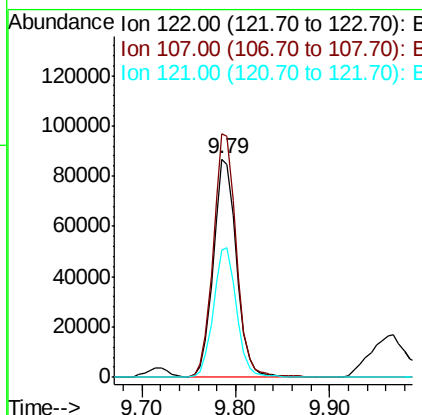
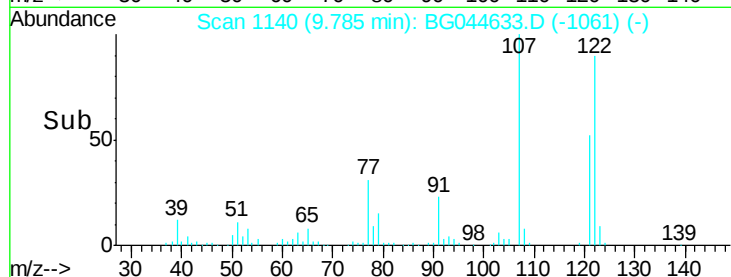
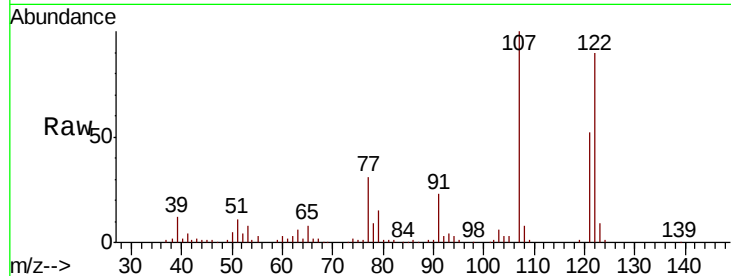
#27
2,4-Dimethylphenol
Concen: 38.261 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	89.4	134.0
121	58.4	46.5	69.7

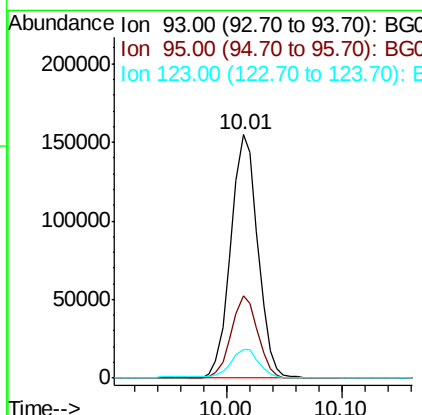
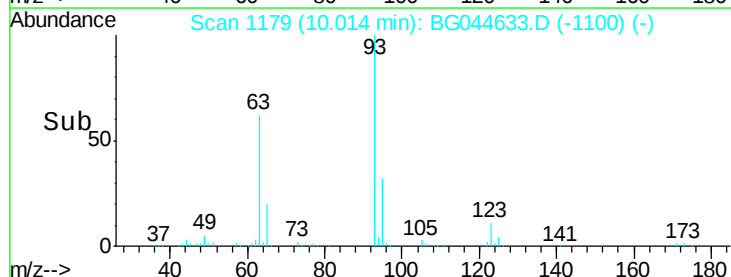
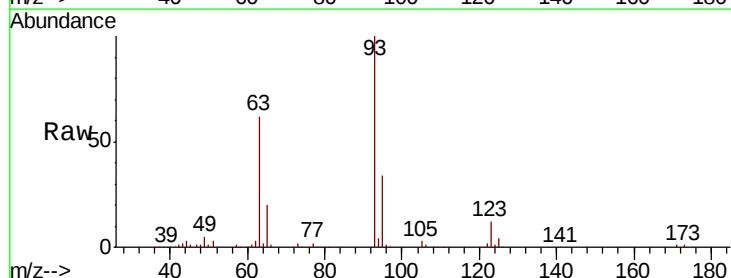
Manual Integrations
APPROVED

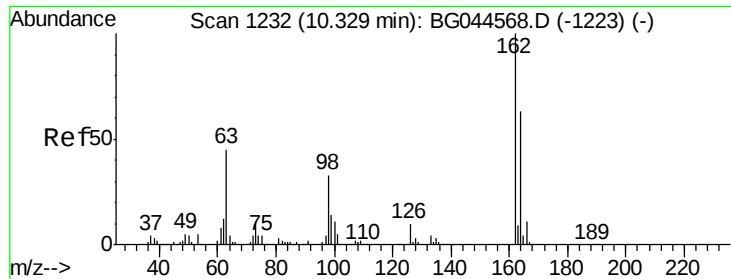
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#28
bis(2-Chloroethoxy)methane
Concen: 38.005 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.5	39.7
123	11.7	9.7	14.5





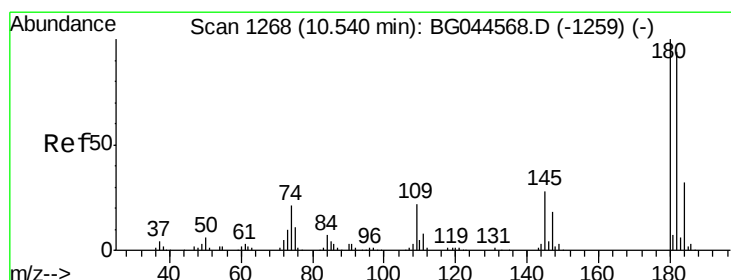
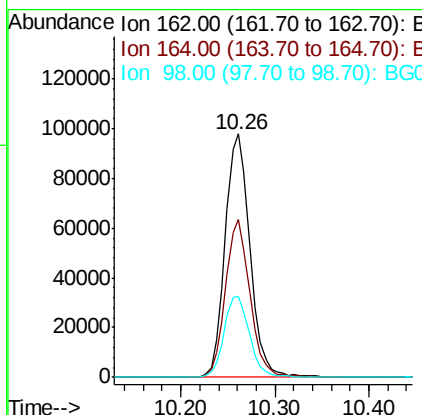
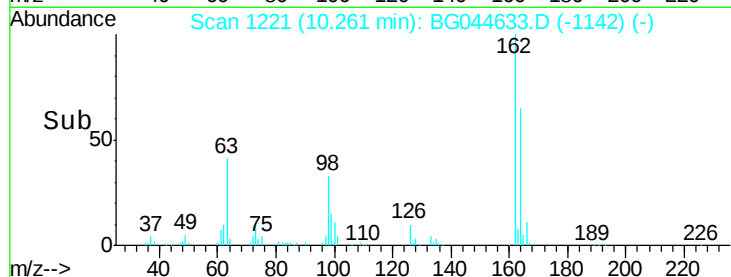
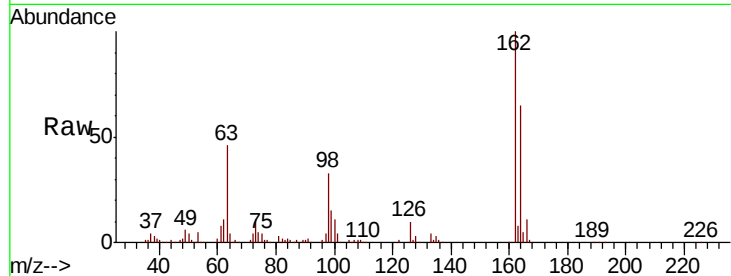
#29
2,4-Dichlorophenol
Concen: 38.213 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	180334		
164	65.0	43.2	83.2	
98	33.3	13.2	53.2	

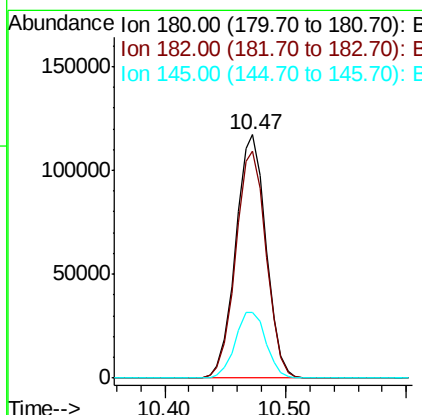
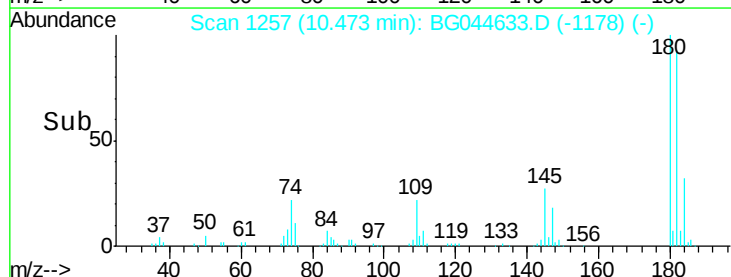
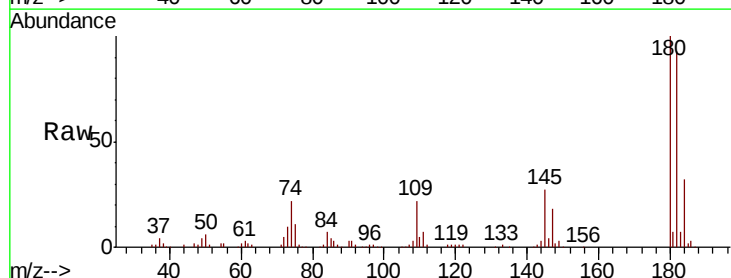
Manual Integrations
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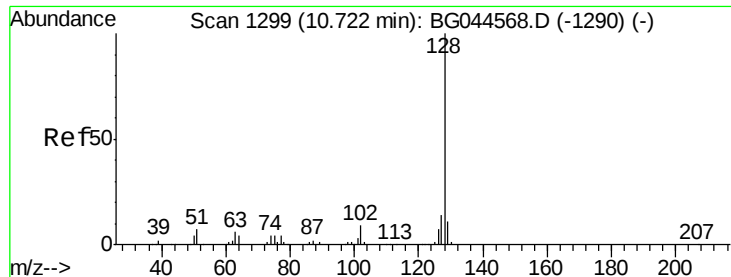
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#30
1,2,4-Trichlorobenzene
Concen: 37.528 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204819		
182	93.1	75.6	113.4	
145	27.1	22.2	33.2	





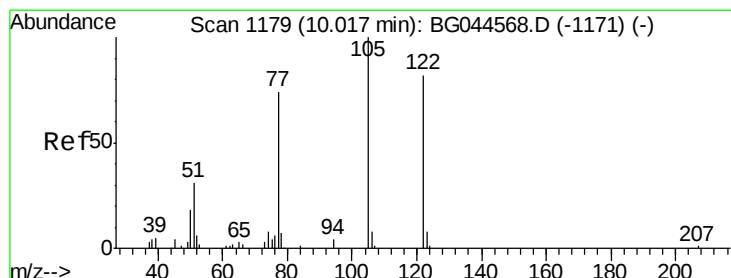
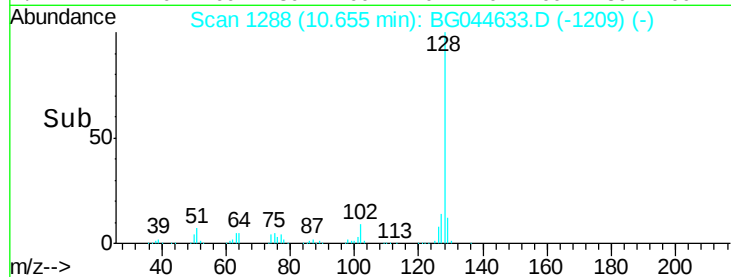
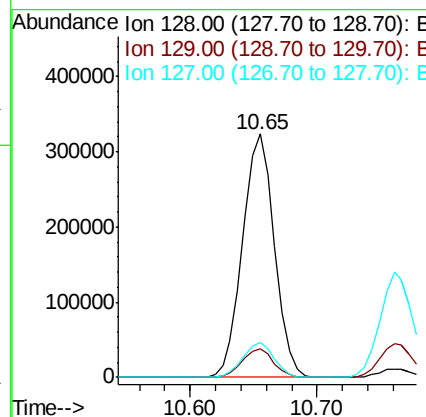
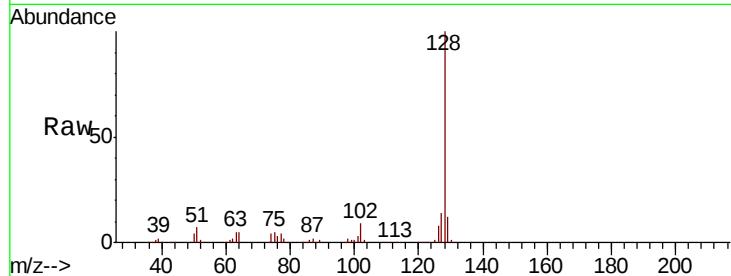
#31
Naphthalene
Concen: 37.422 ng
RT: 10.65 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	9.0	13.6	
127	14.3	11.0	16.4	

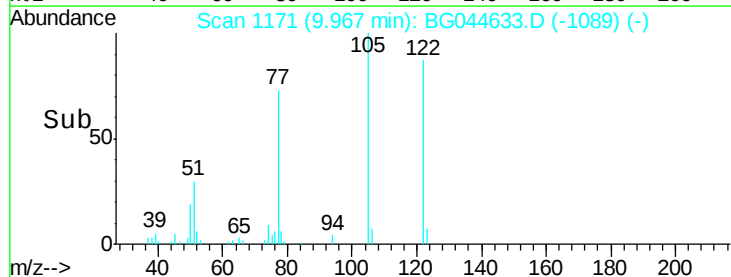
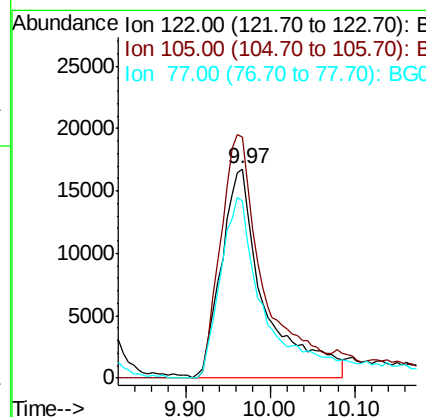
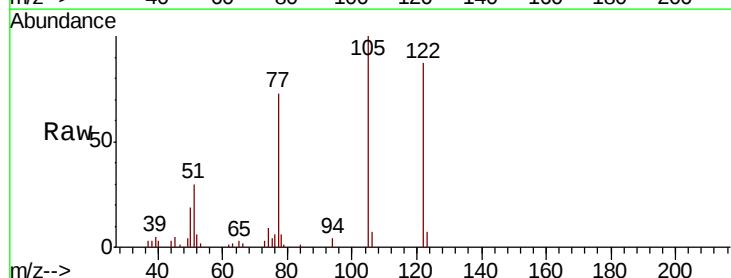
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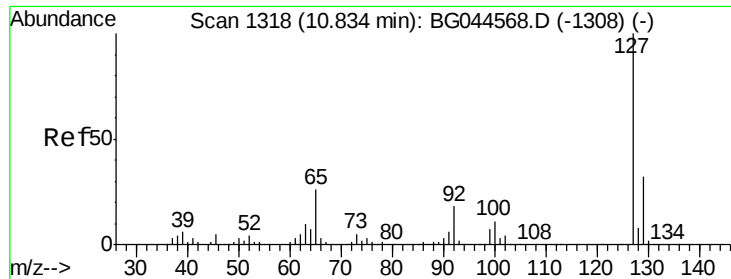
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#32
Benzoic acid
Concen: 43.926 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.05 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	115.4	101.4	141.4	
77	84.4	69.8	109.8	





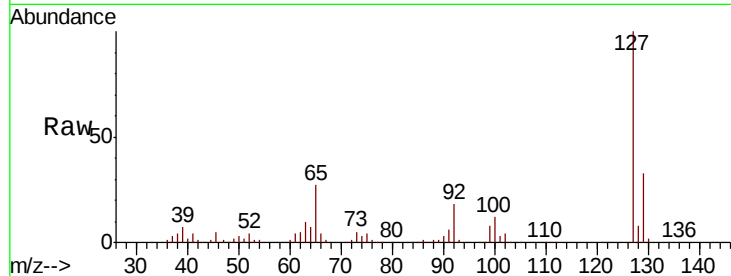
#33
4-Chloroaniline
Concen: 38.937 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	26.7	20.7	31.1
92	17.9	14.2	21.2

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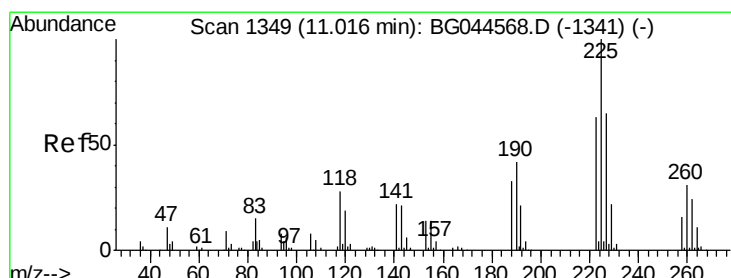
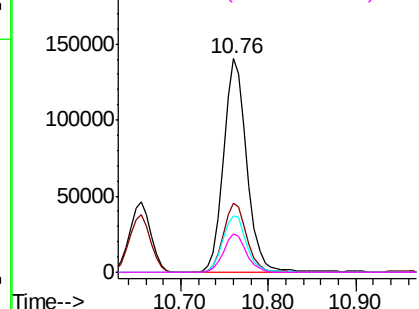
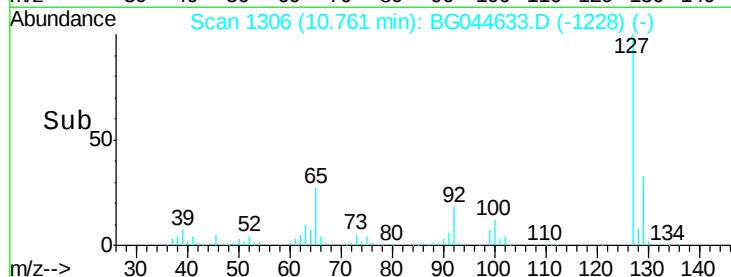
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

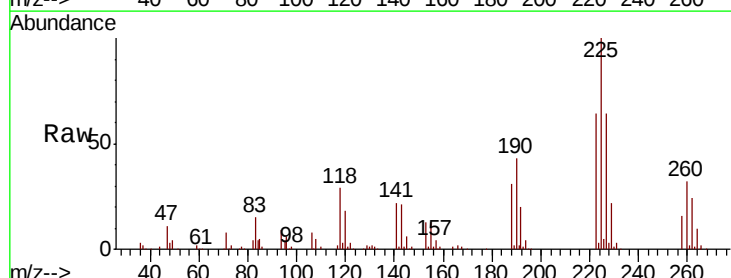
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.762 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	64.2	52.1	78.1

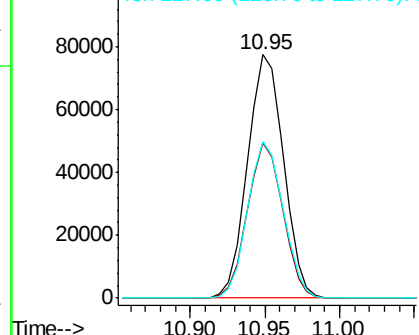
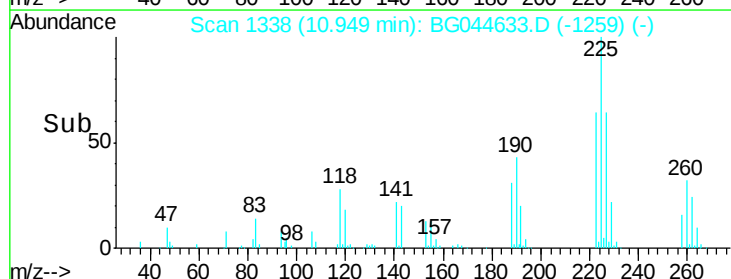


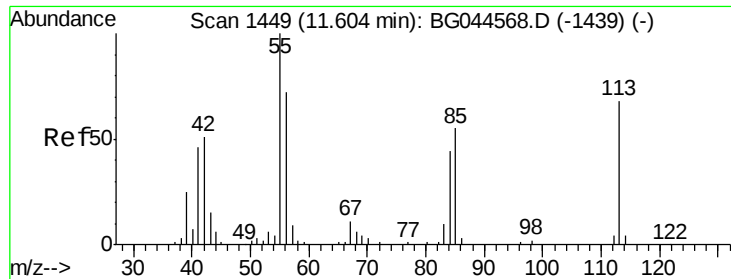
Abundance

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





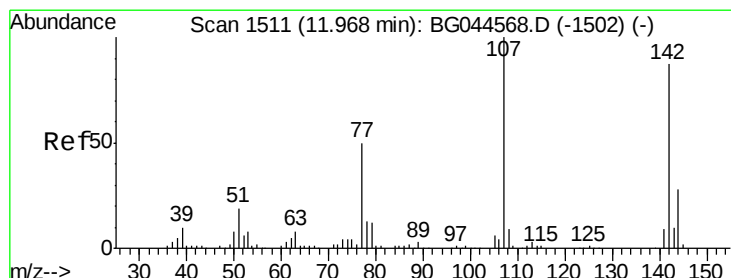
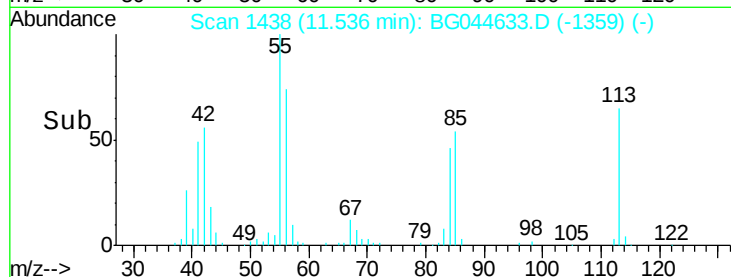
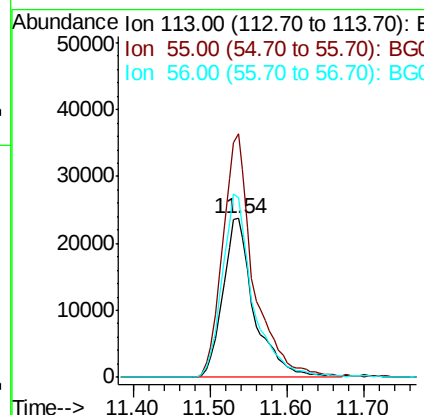
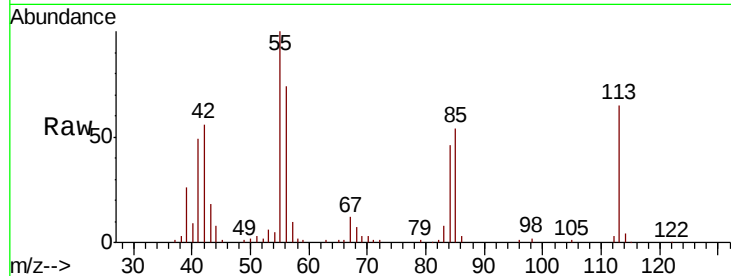
#35
Caprolactam
Concen: 39.631 ng
RT: 11.54 min Scan# 1438
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.3	127.8	167.8
56	113.1	86.9	126.9

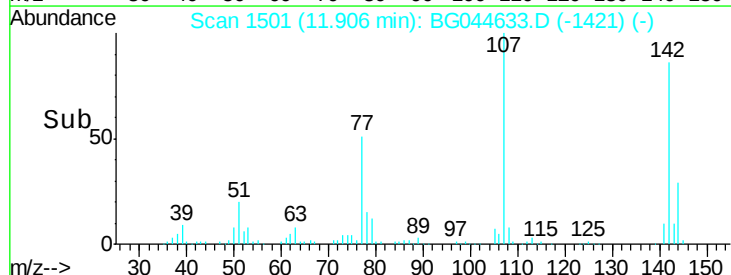
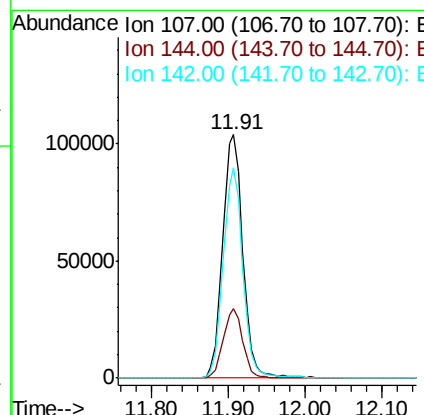
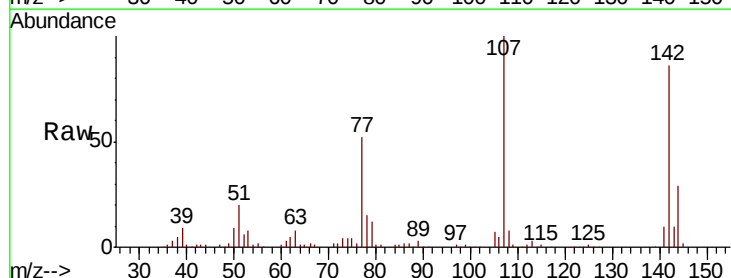
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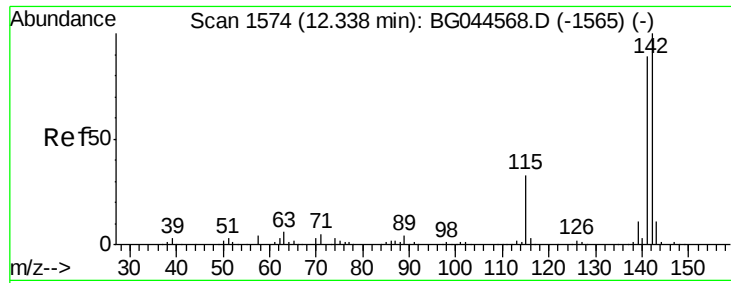
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#36
4-Chloro-3-methylphenol
Concen: 38.780 ng
RT: 11.91 min Scan# 1501
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.7	22.3	33.5
142	86.3	69.3	103.9





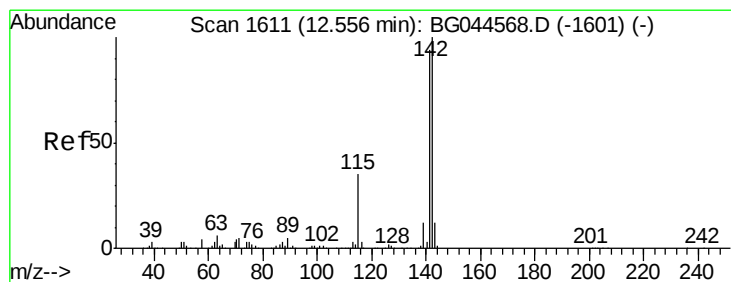
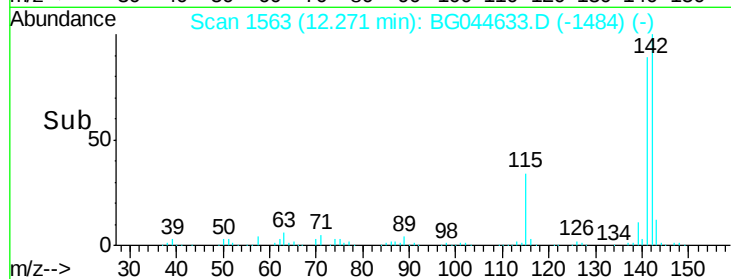
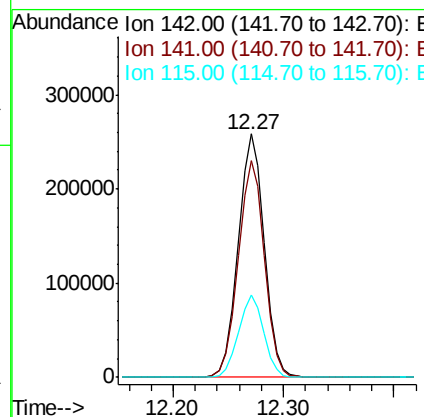
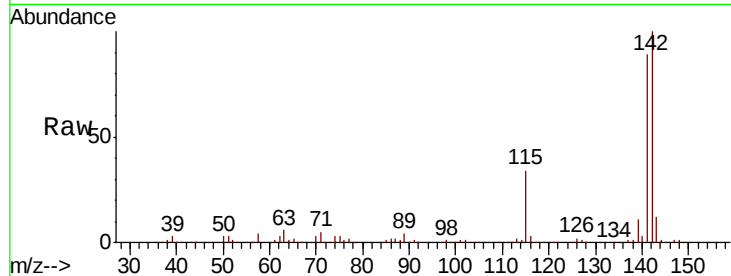
#37
2-Methylnaphthalene
Concen: 38.368 ng
RT: 12.27 min Scan# 1563
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	34.0	26.2	39.2

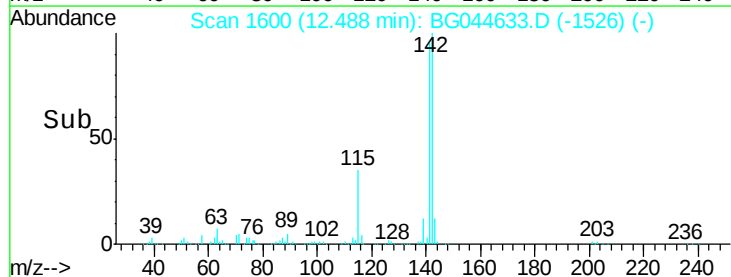
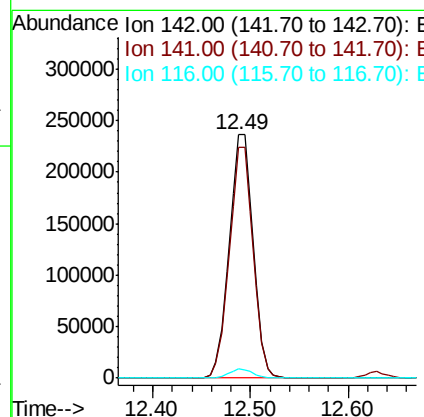
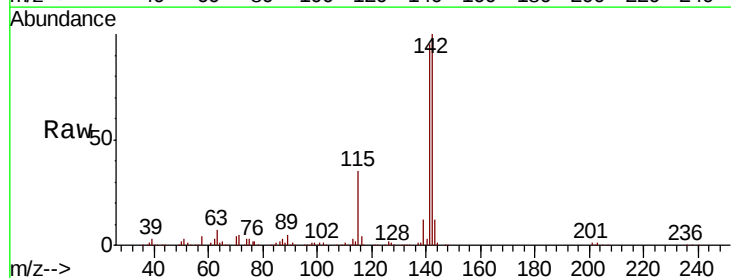
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#38
1-Methylnaphthalene
Concen: 37.945 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.1	112.7
116	3.9	2.6	4.0





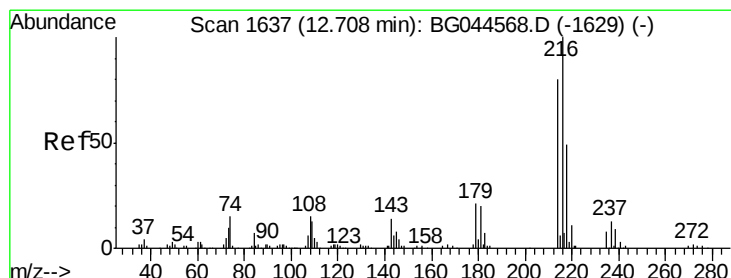
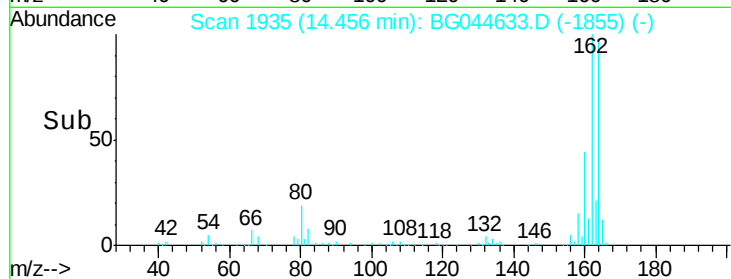
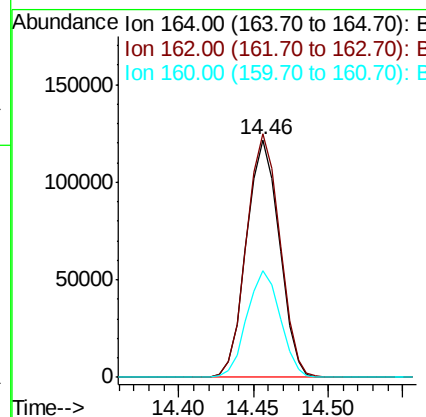
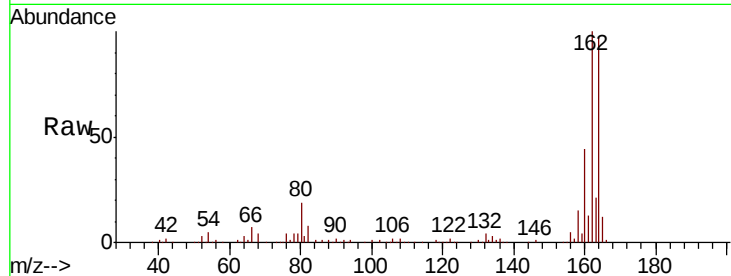
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.6	125.4
160	45.2	36.2	54.4

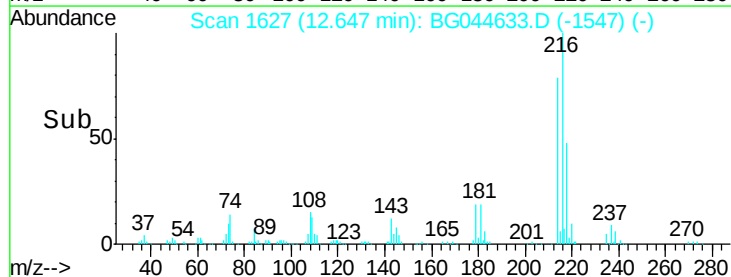
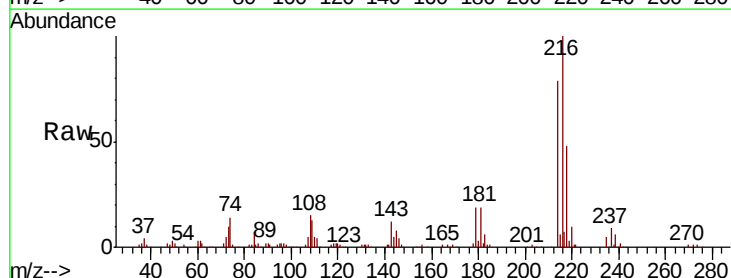
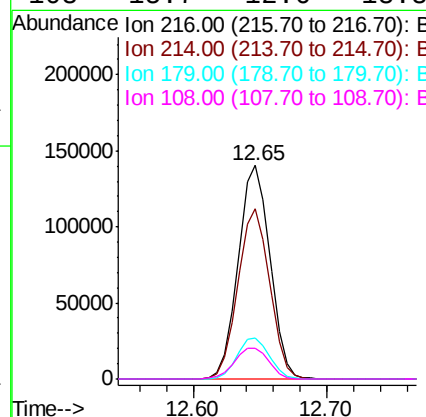
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.866 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.3	94.9
179	19.6	16.2	24.2
108	15.7	12.6	18.8





#41

Hexachlorocyclopentadiene

Concen: 32.872 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.06 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Instrument :

BNA_G

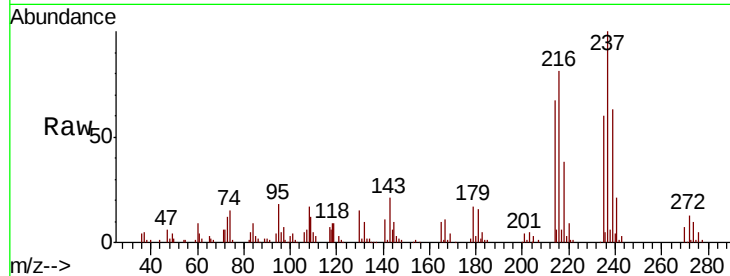
ClientSampleId :

SSTDCCC040

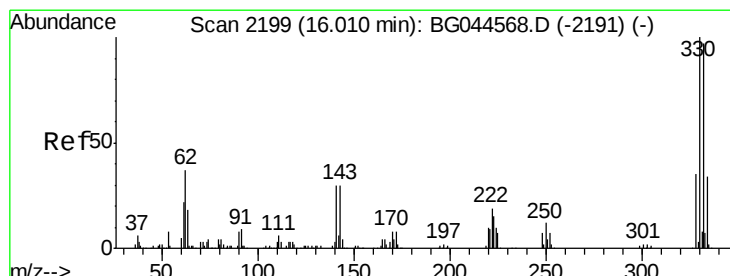
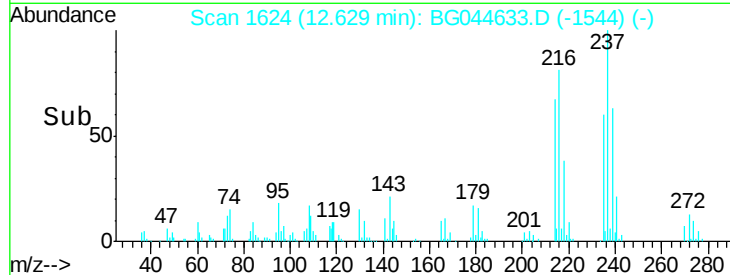
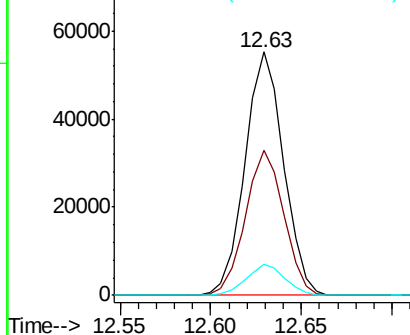
Tot Ion:	237	Resp:	81393
Ion Ratio	Lower	Upper	
237	100		
235	59.6	40.7	80.7
272	12.7	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 78.676 ng

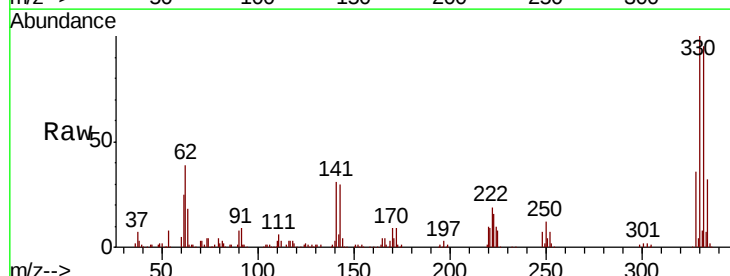
RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

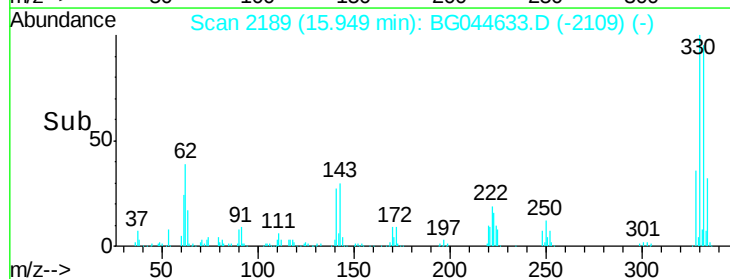
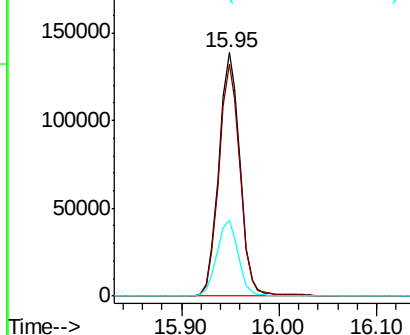
Lab File: BG044633.D

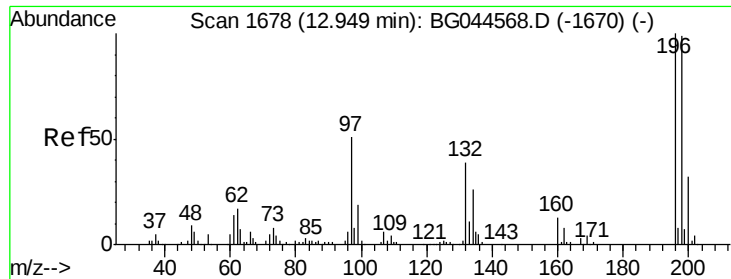
Acq: 2 Mar 2020 13:52

Tgt Ion:	330	Resp:	208047
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.4	116.0
141	31.9	26.1	39.1



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





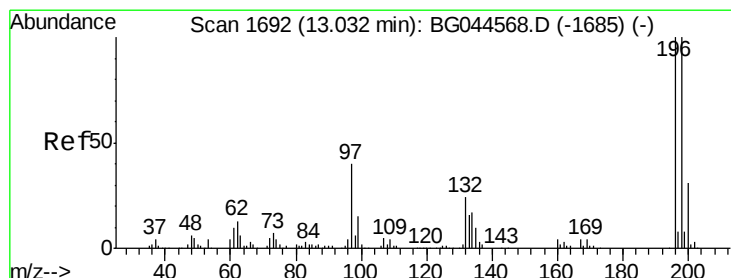
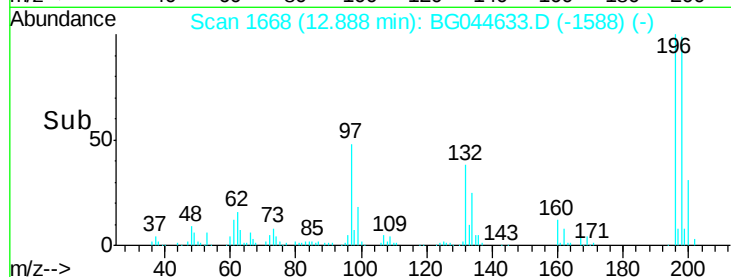
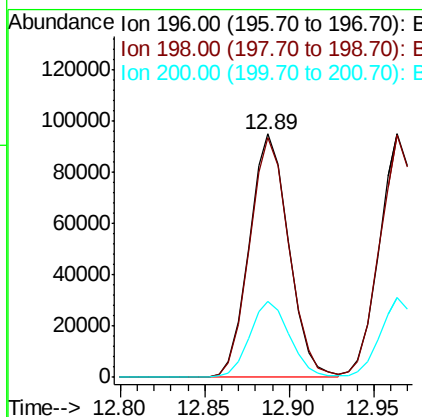
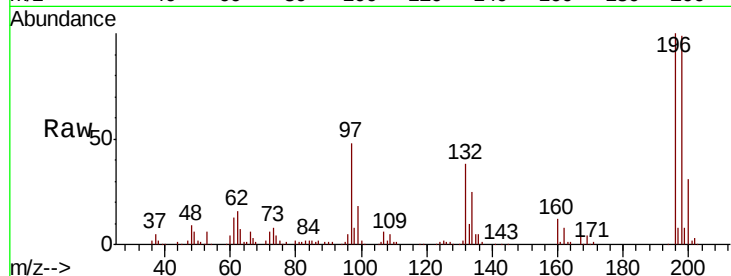
#43
 2,4,6-Trichlorophenol
 Concen: 37.780 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.06 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	154013		
198	98.7	79.2	118.8	
200	31.1	25.7	38.5	

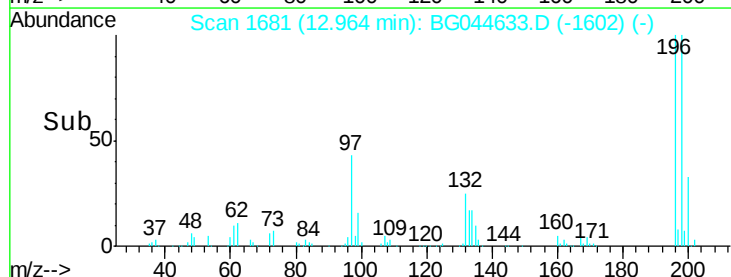
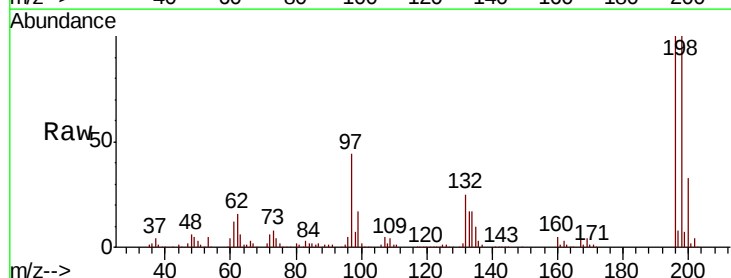
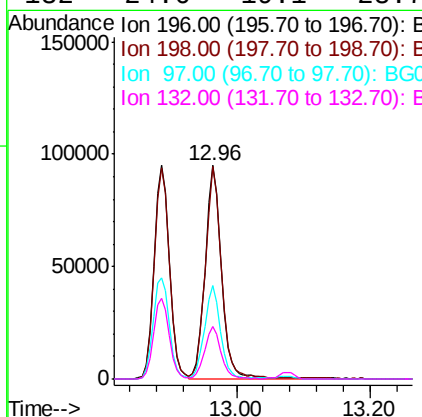
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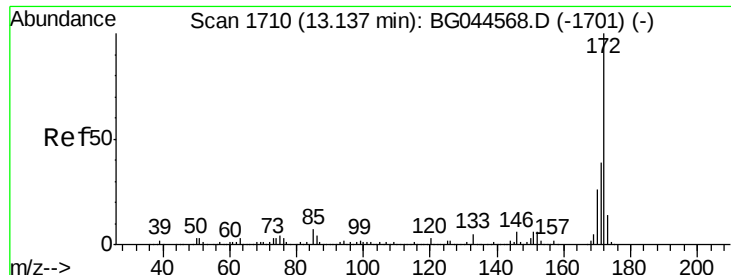
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#44
 2,4,5-Trichlorophenol
 Concen: 38.339 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.07 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160553		
198	99.8	79.3	118.9	
97	43.8	32.3	48.5	
132	24.6	19.1	28.7	





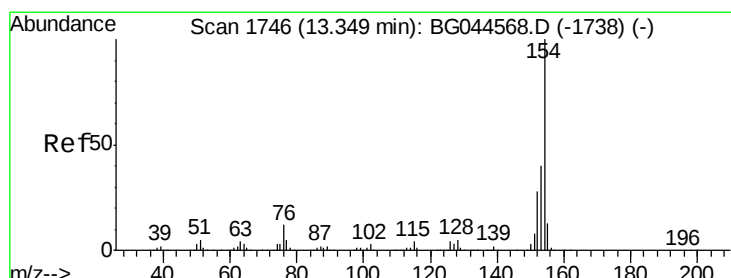
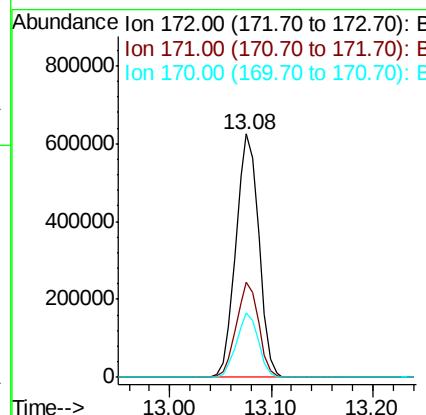
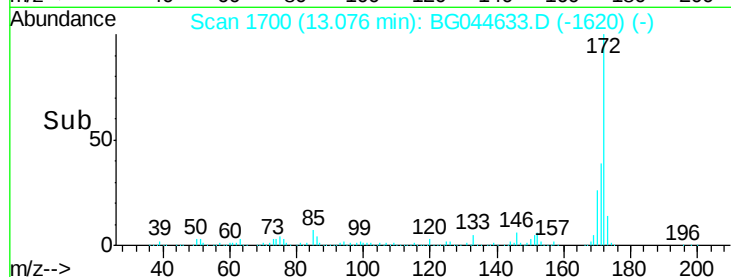
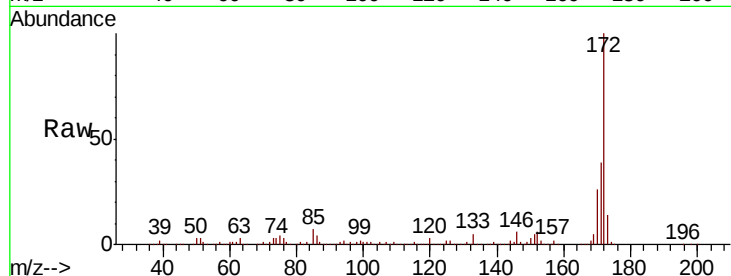
#45
2-Fluorobiphenyl
Concen: 75.146 ng
RT: 13.08 min Scan# 1700
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	26.2	21.0	31.4

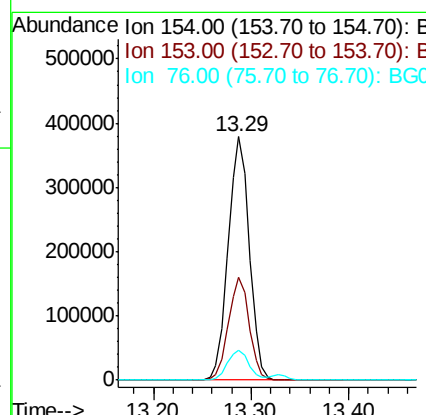
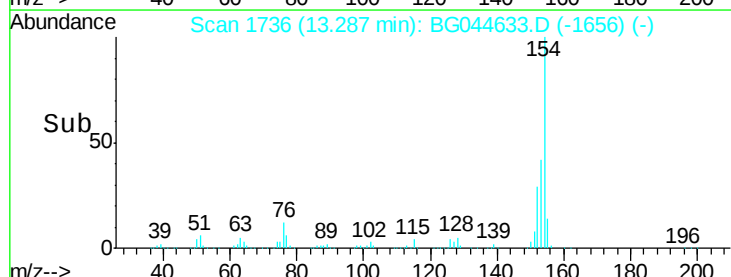
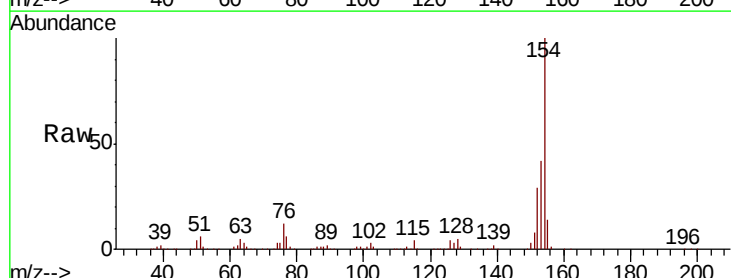
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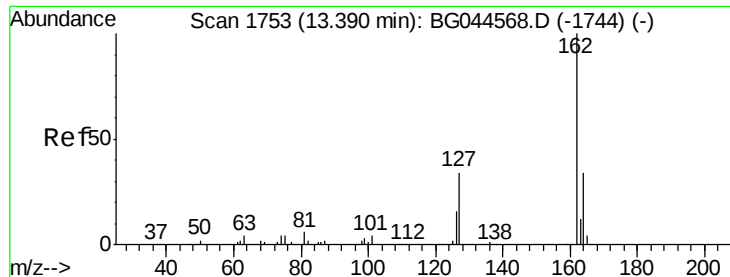
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#46
1,1'-Biphenyl
Concen: 36.779 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.2	60.2
76	12.3	0.0	31.8





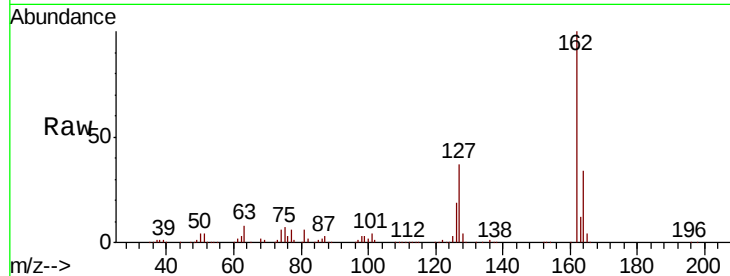
#47
2-Chloronaphthalene
Concen: 36.952 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

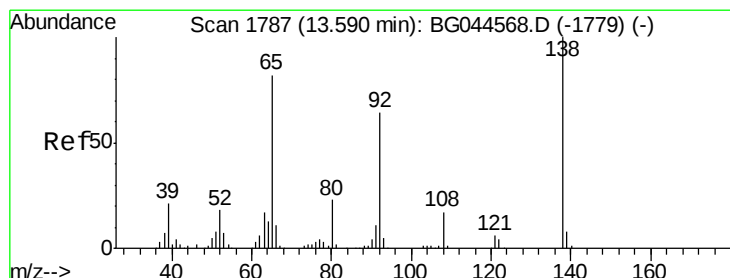
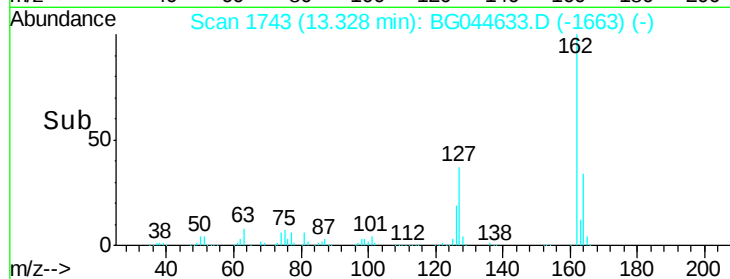
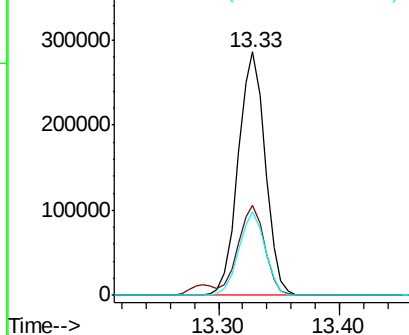
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	28.7	43.1
164	34.3	27.3	40.9

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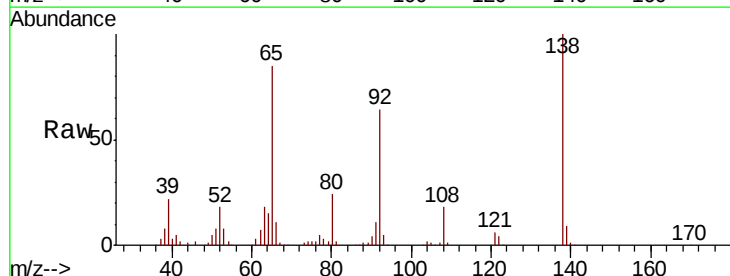


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

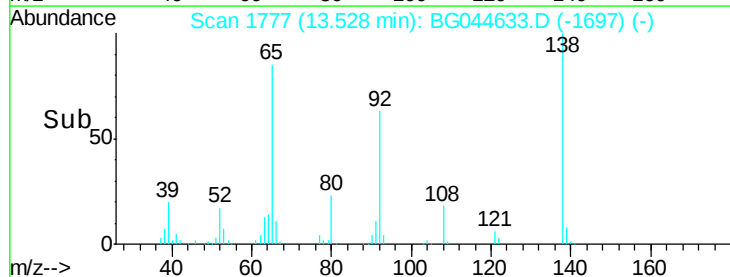
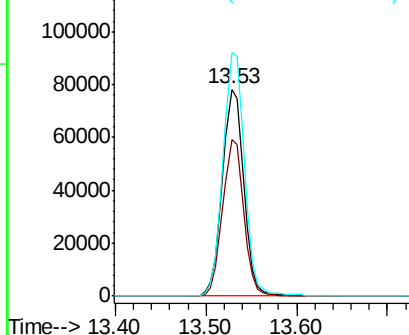


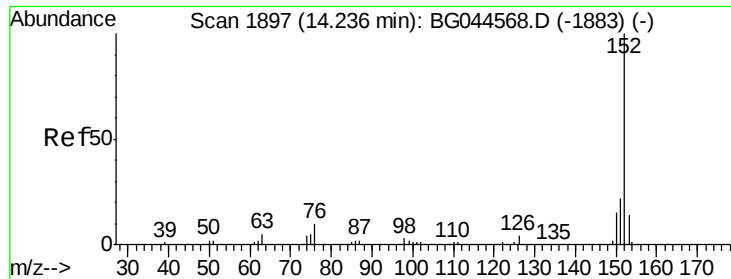
#48
2-Nitroaniline
Concen: 38.490 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	62.2	93.2
138	117.8	97.6	146.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.319 ng

RT: 14.17 min Scan# 1887

Delta R.T. -0.06 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Instrument :

BNA_G

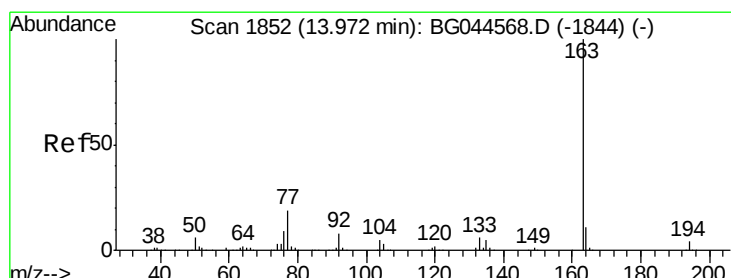
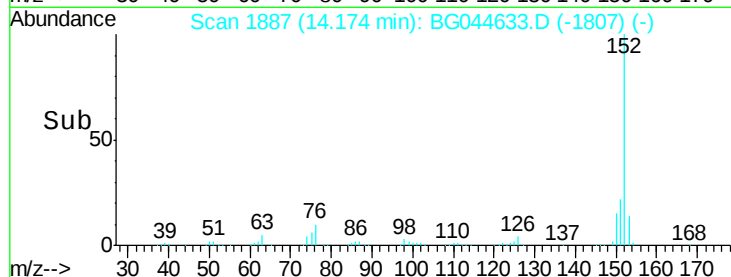
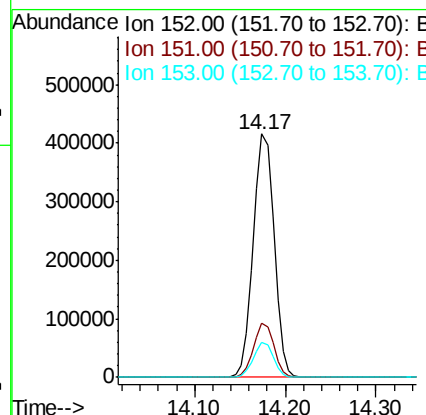
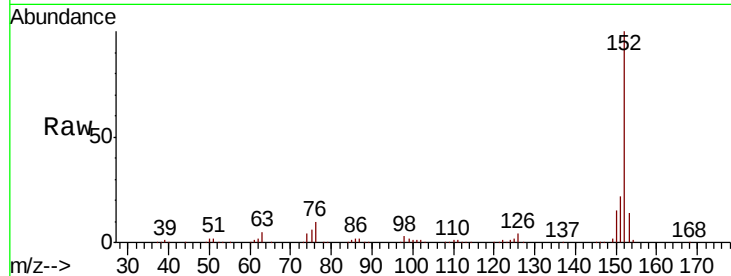
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	666681
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.7	26.5
153	14.5	11.3	16.9

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#50

Dimethylphthalate

Concen: 37.859 ng

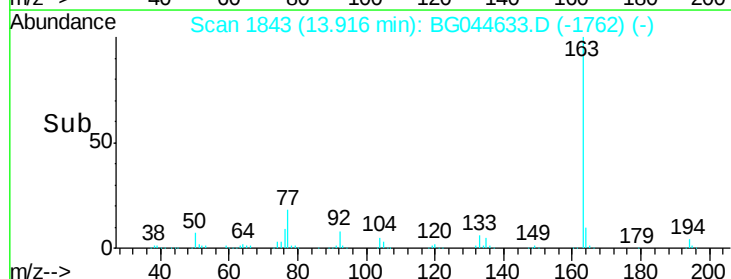
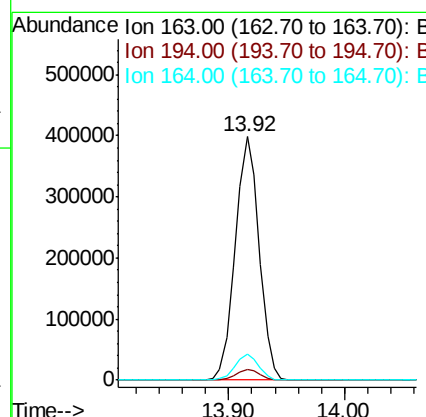
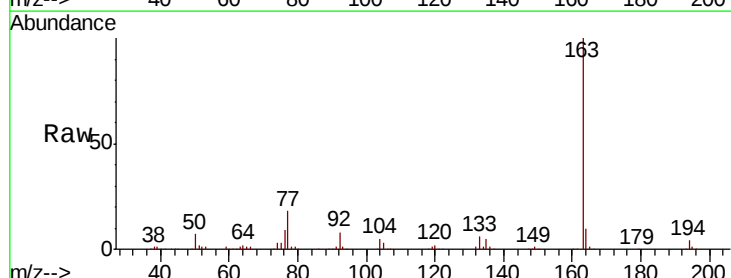
RT: 13.92 min Scan# 1843

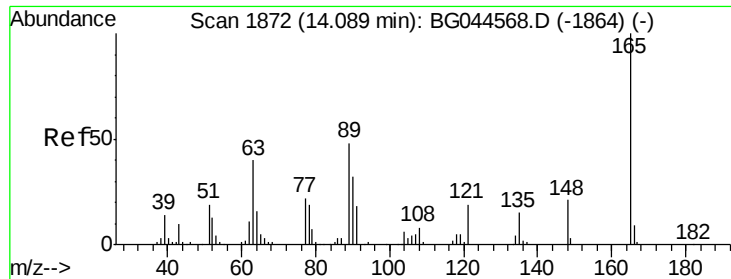
Delta R.T. -0.06 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Tgt Ion:	163	Resp:	569873
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	10.4	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 37.830 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.06 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Instrument :

BNA_G

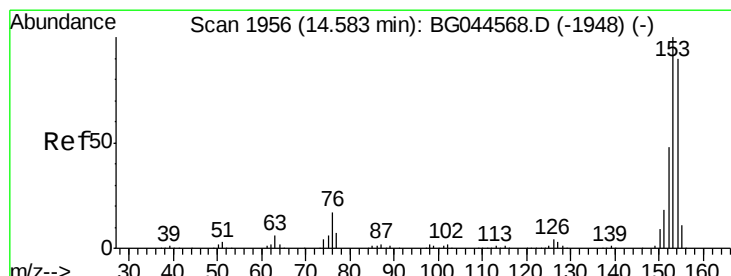
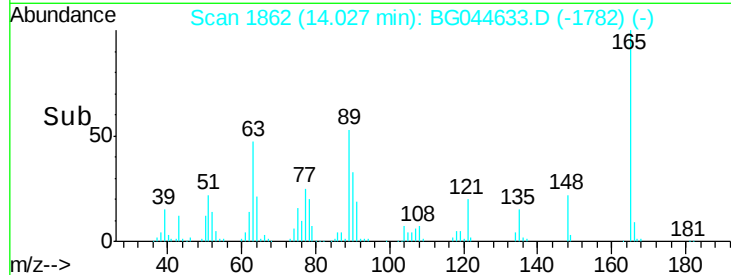
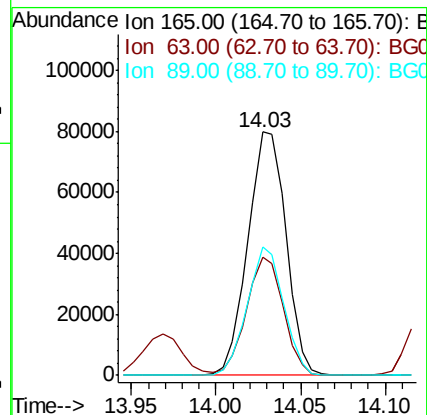
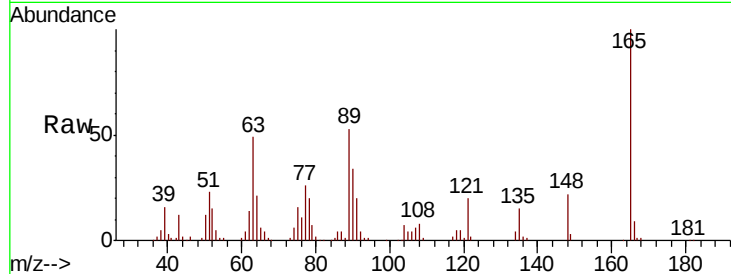
ClientSampled :

SSTDCCC040

Tot Ion:	165	Resp:	125589
Ion Ratio	Lower	Upper	
165	100		
63	48.6	35.8	53.6
89	53.0	38.7	58.1

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#52

Acenaphthene

Concen: 36.794 ng

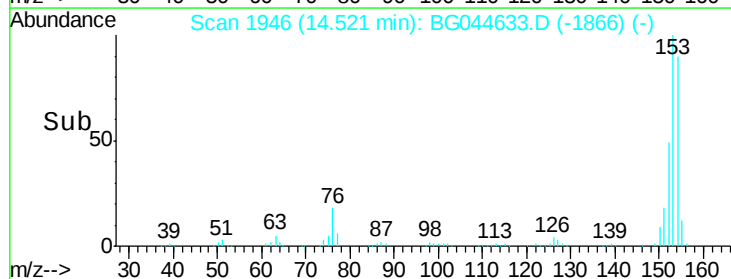
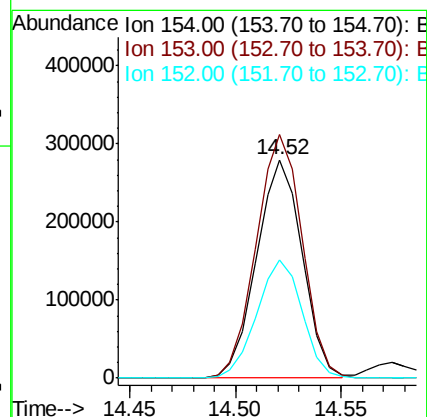
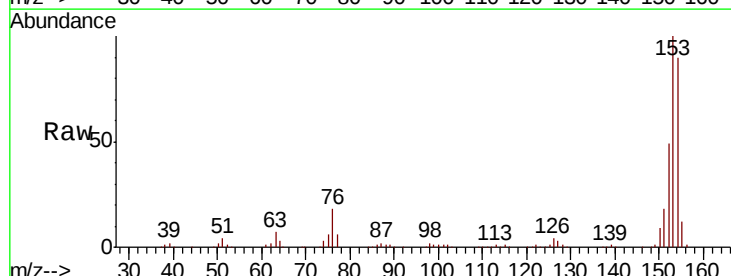
RT: 14.52 min Scan# 1946

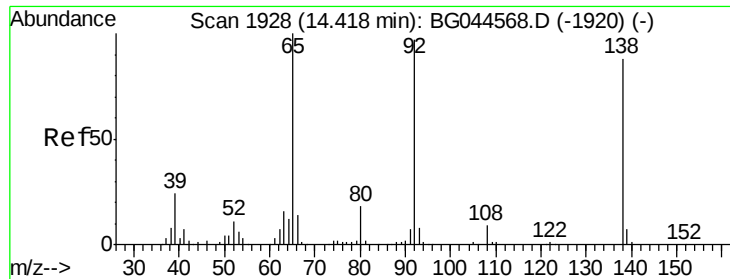
Delta R.T. -0.06 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Tgt Ion:	154	Resp:	419002
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.4	134.0
152	54.1	43.0	64.4





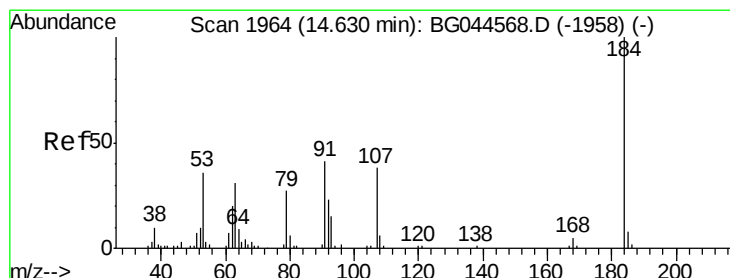
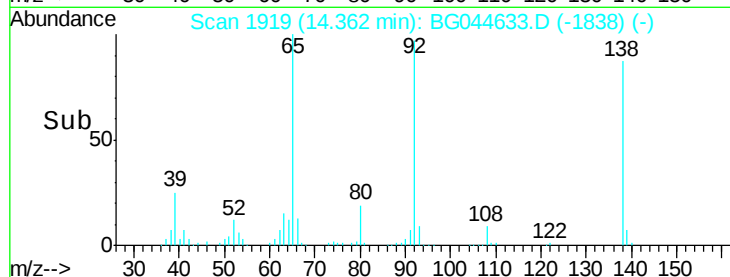
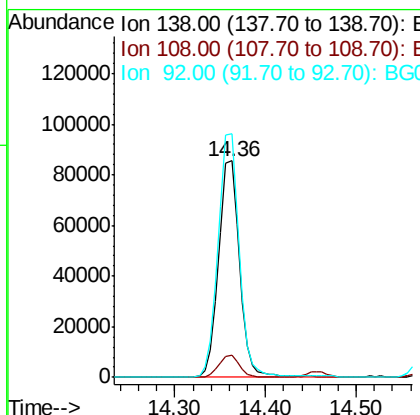
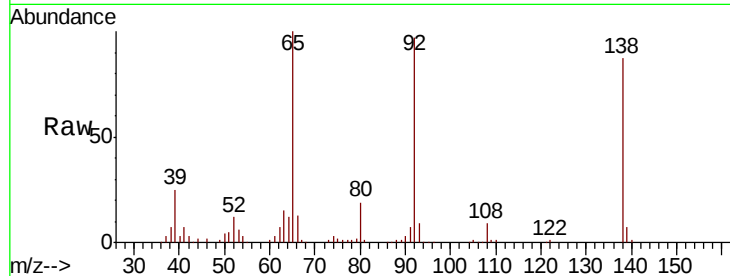
#53
3-Nitroaniline
Concen: 38.377 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.9	11.9
92	112.4	87.4	131.2

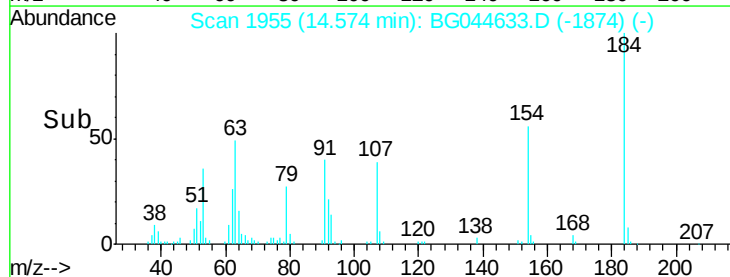
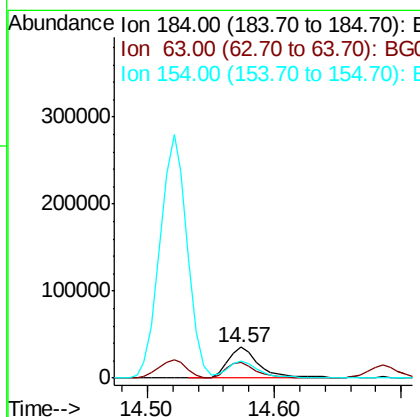
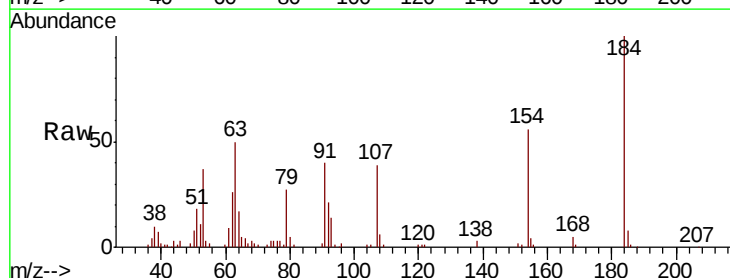
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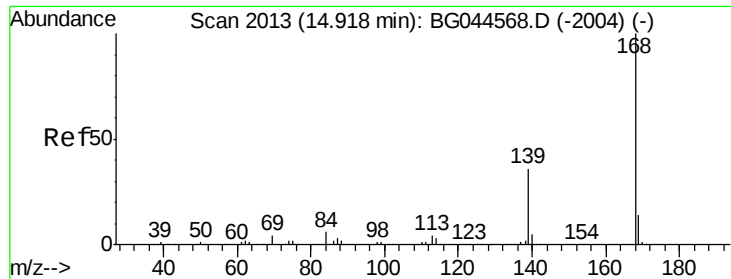
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#54
2,4-Dinitrophenol
Concen: 36.142 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.4	42.1	63.1
154	56.0	43.4	65.2





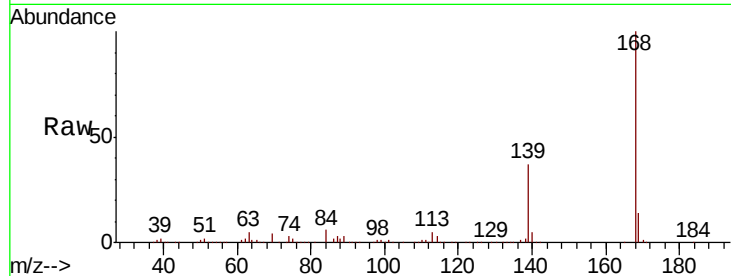
#55
Dibenzofuran
Concen: 37.731 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.2	43.8
169	14.3	11.0	16.6

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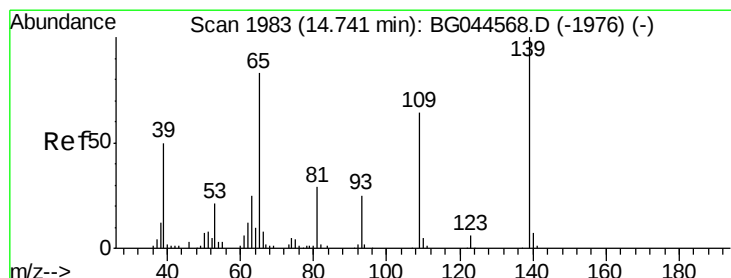
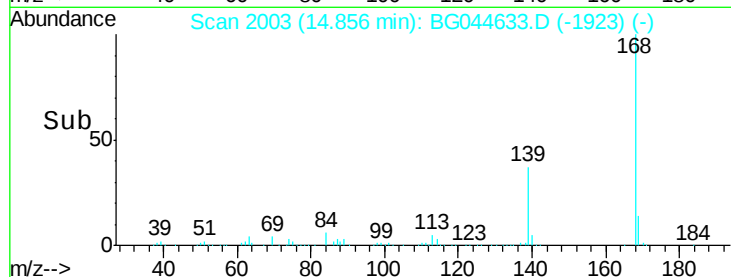
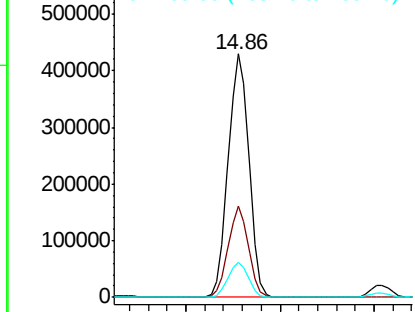


Abundance

Ion 168.00 (167.70 to 168.70): E

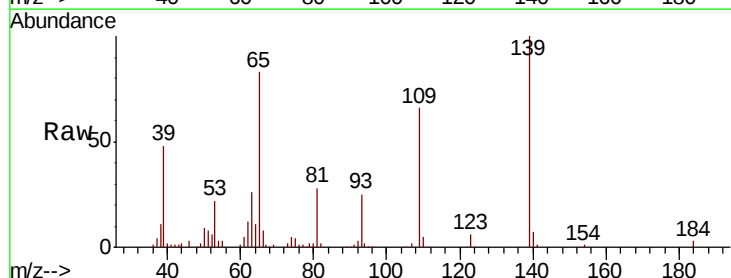
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 40.253 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	43.8	83.8
65	83.2	63.6	103.6

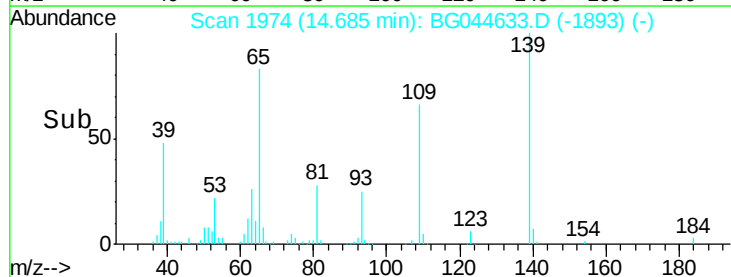
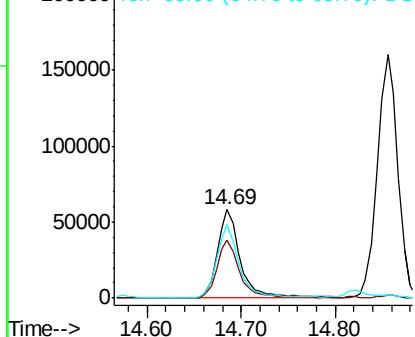


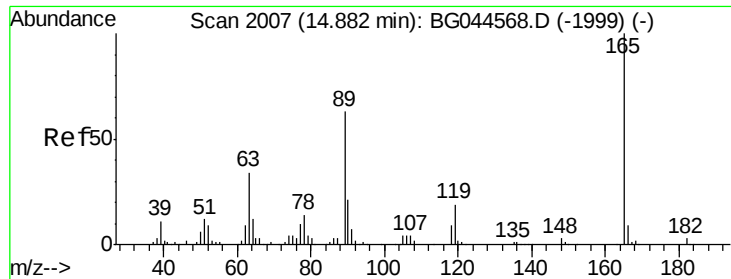
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





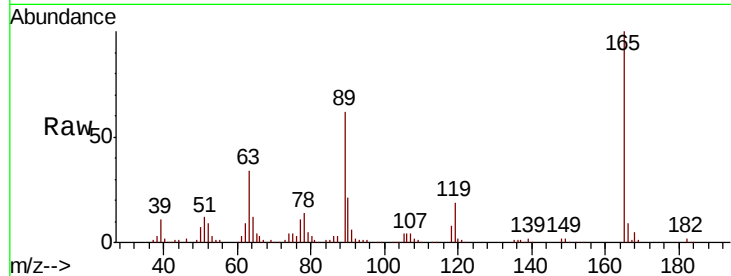
#57
2,4-Dinitrotoluene
Concen: 38.034 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

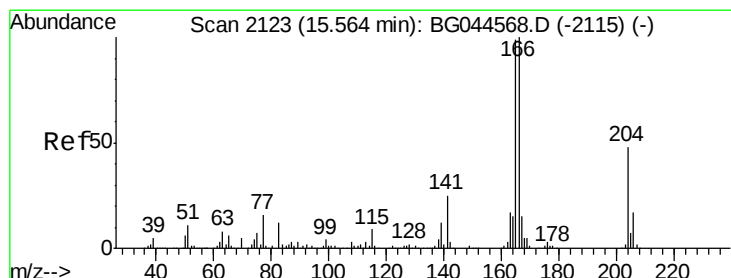
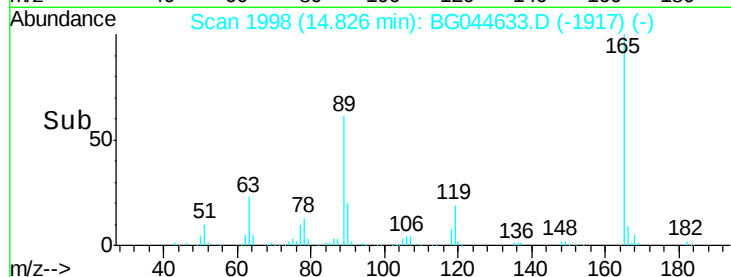
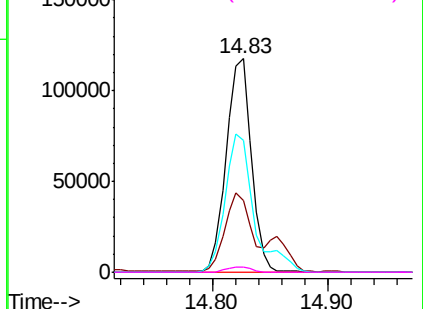
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.8	27.5	41.3
89	61.6	50.0	75.0
182	2.5	2.3	3.5

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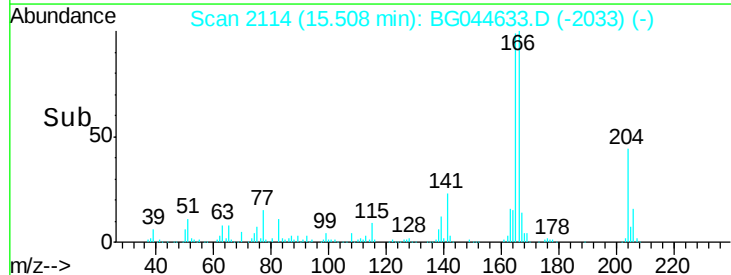
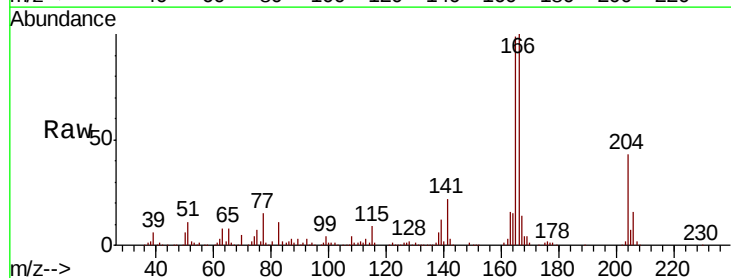
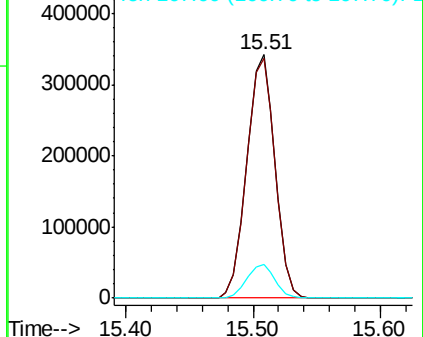
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

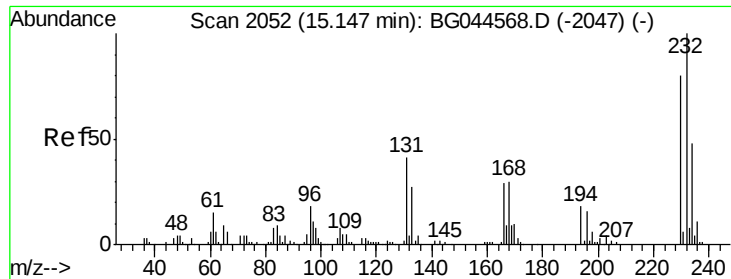


#58
Fluorene
Concen: 38.115 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.2	118.8
167	14.0	11.7	17.5

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





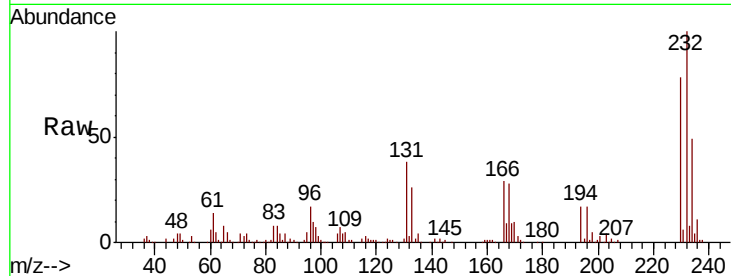
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.662 ng
 RT: 15.09 min Scan# 2043
 Delta R.T. -0.06 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

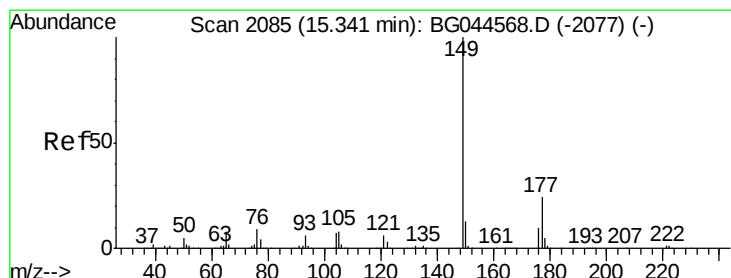
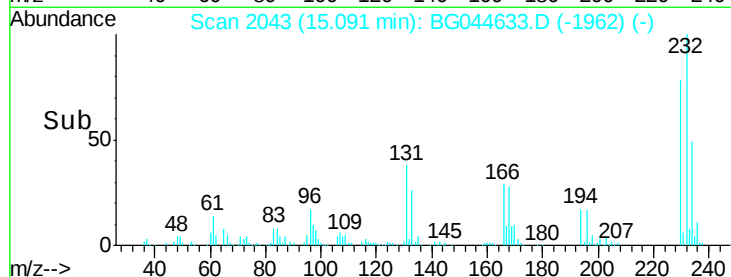
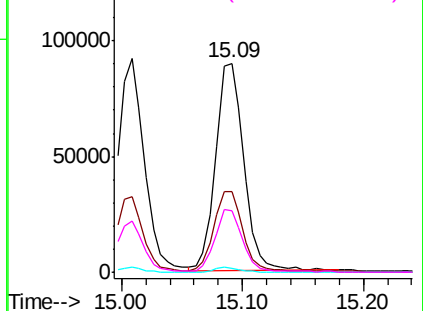
Tot Ion	Ratio	Resp	Lower	Upper
232	100	145238		
131	39.8		31.8	47.6
130	2.2		1.8	2.6
166	29.2		22.7	34.1

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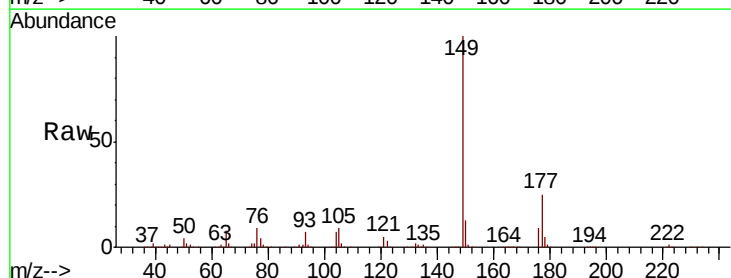


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

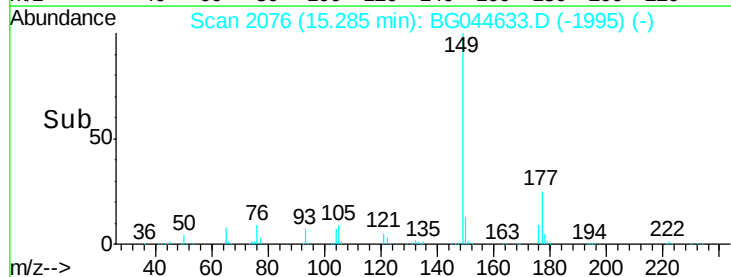
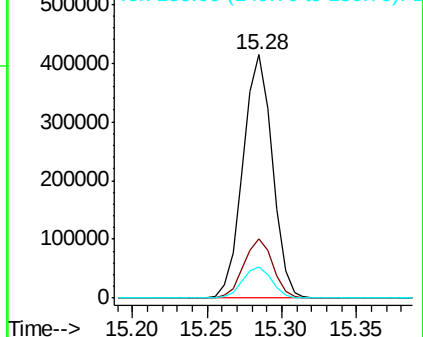


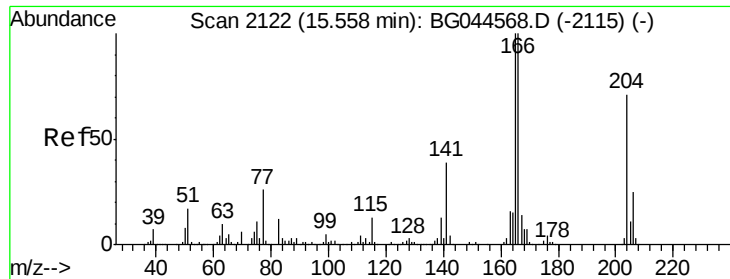
#60
 Diethylphthalate
 Concen: 37.853 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. -0.06 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	564571		
177	24.5		19.2	28.8
150	12.7		10.2	15.4



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





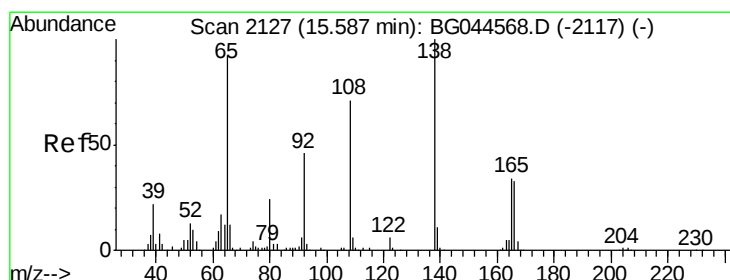
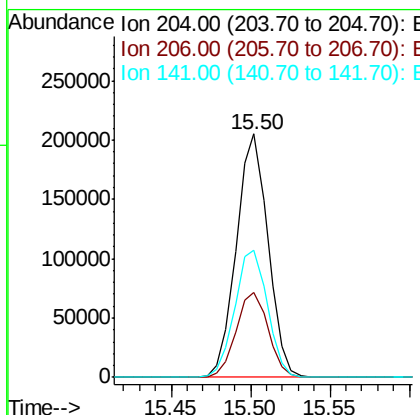
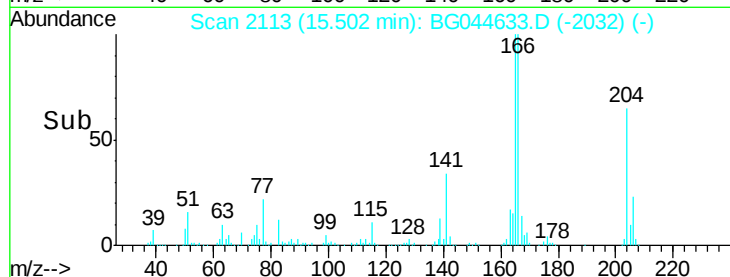
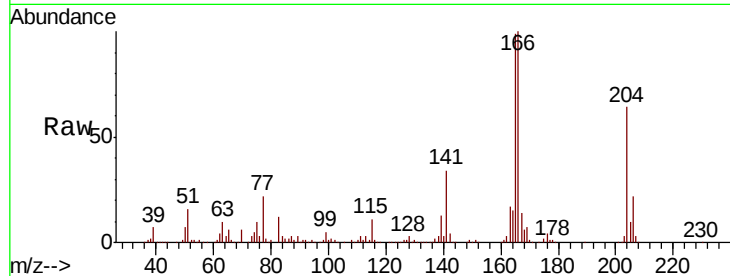
#61
4-Chlorophenyl-phenylether
Concen: 37.674 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.8	41.8
141	52.4	43.8	65.8

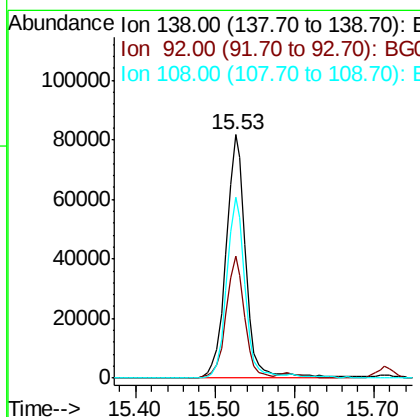
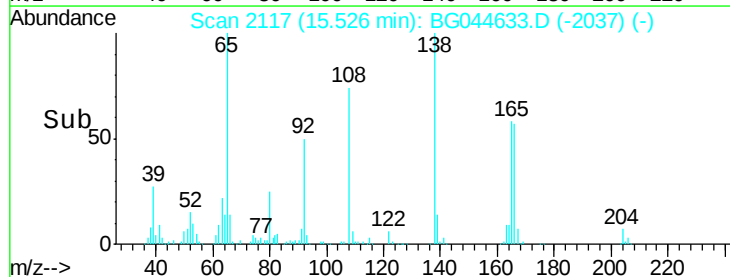
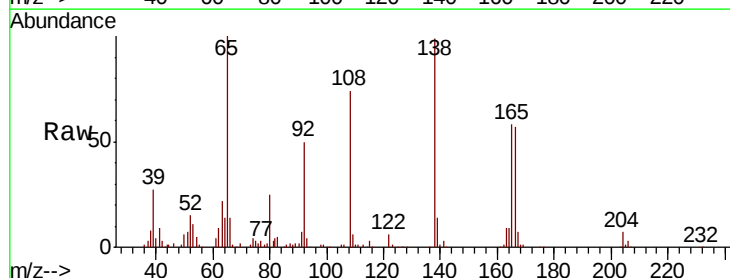
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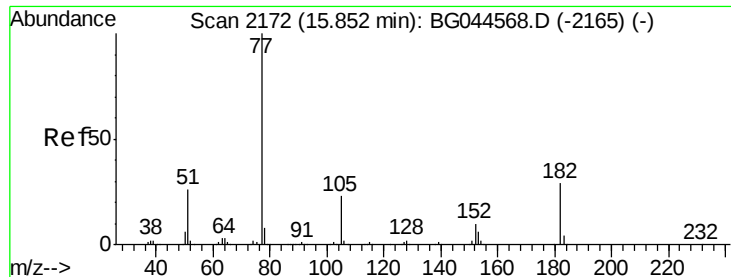
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#62
4-Nitroaniline
Concen: 39.044 ng
RT: 15.53 min Scan# 2117
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	26.4	66.4
108	74.1	50.5	90.5





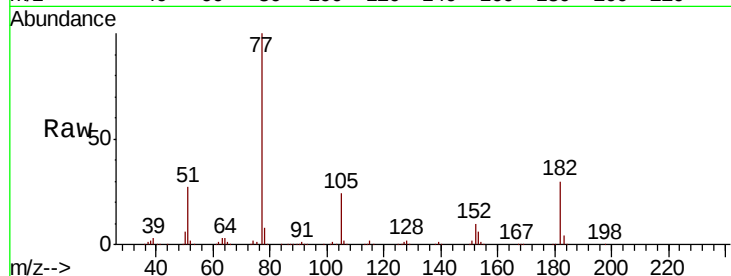
#63
Azobenzene
Concen: 38.059 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

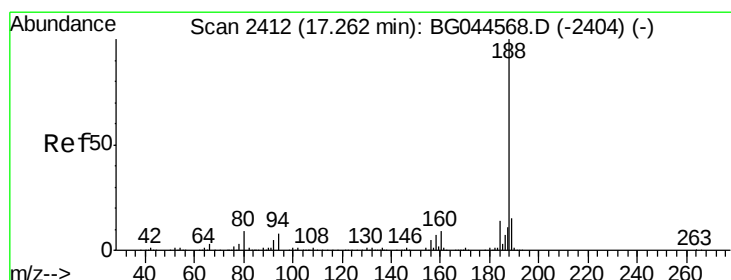
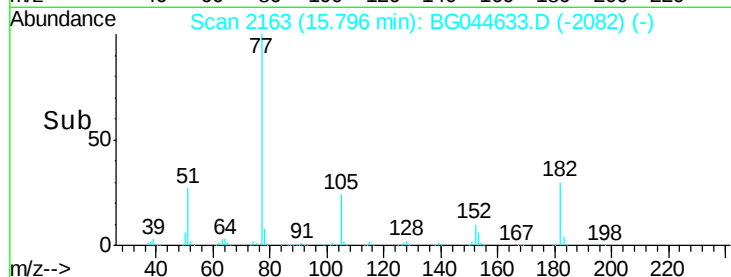
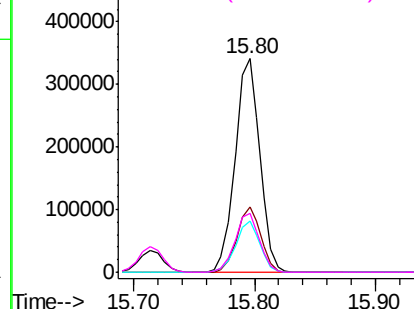
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.4	9.4	49.4	
105	23.7	3.4	43.4	
51	27.5	6.4	46.4	

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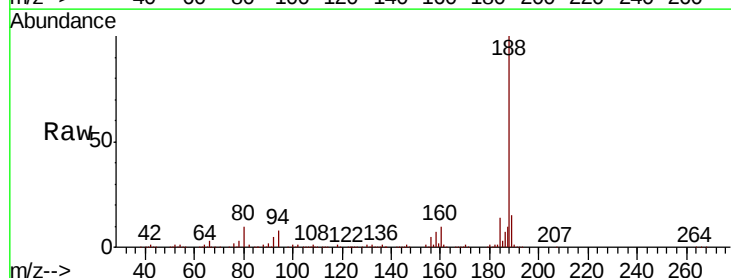


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

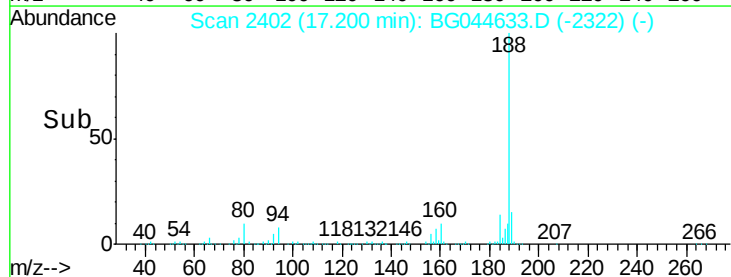
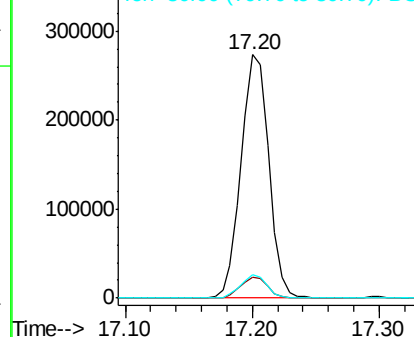


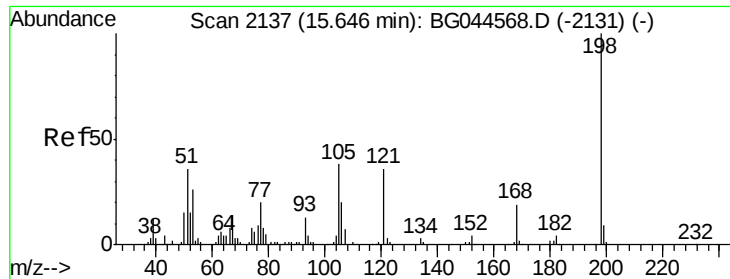
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	6.7	10.1	
80	9.5	7.6	11.4	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





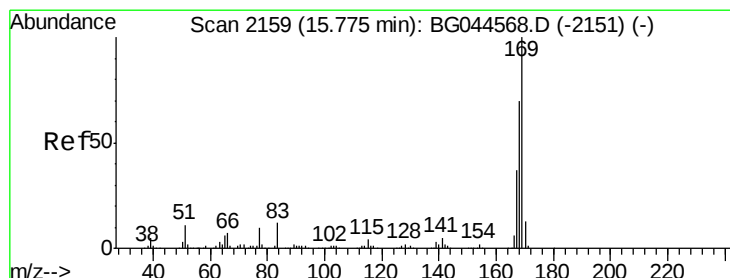
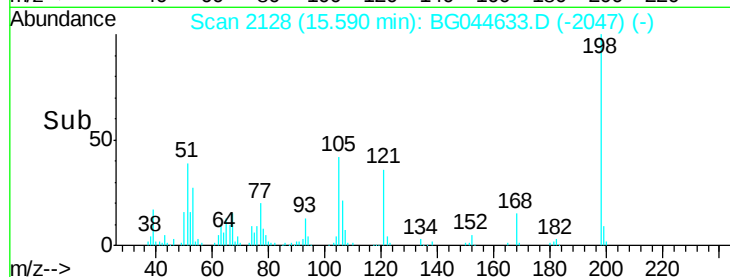
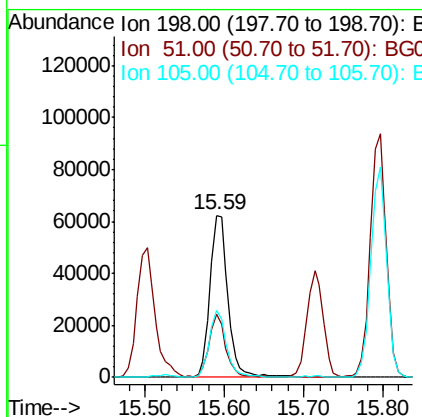
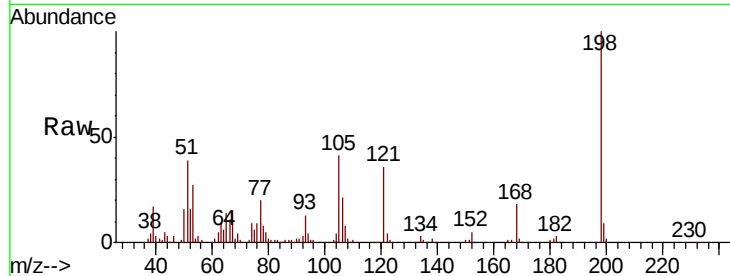
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.656 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.06 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.0	17.0	57.0
105	41.3	18.4	58.4

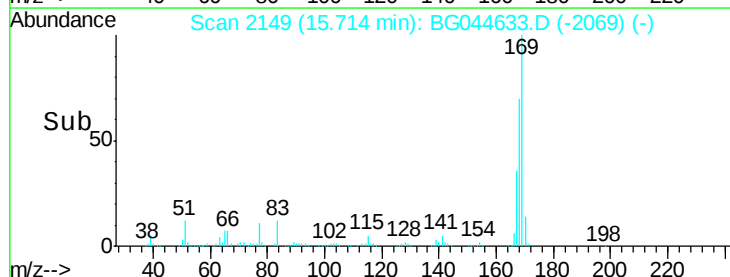
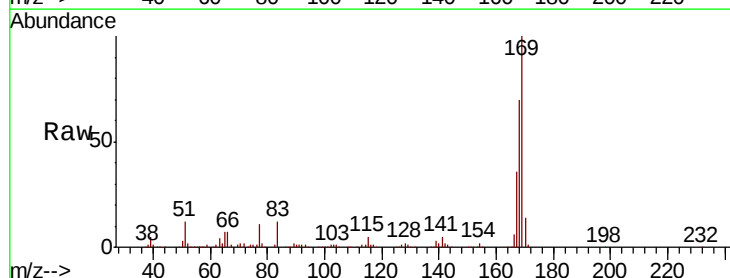
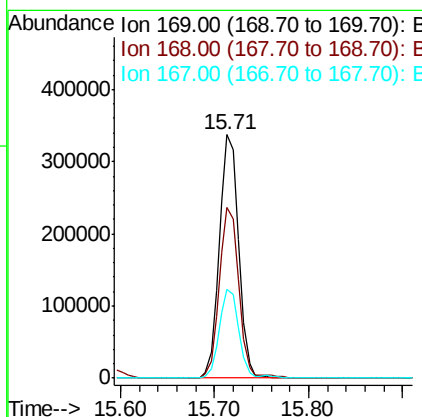
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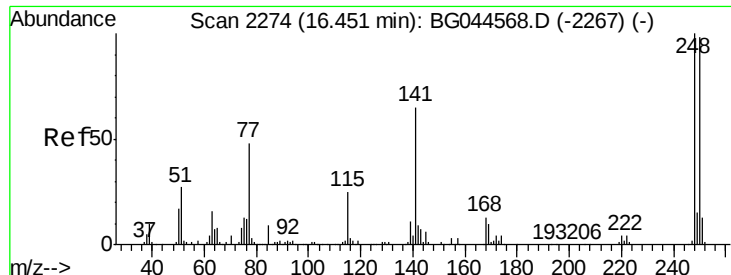
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#66
 n-Nitrosodiphenylamine
 Concen: 37.303 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.06 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	56.1	84.1
167	36.2	29.4	44.0





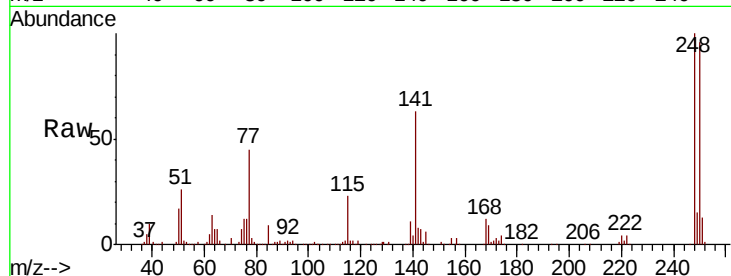
#67
 4-Bromophenyl-phenylether
 Concen: 38.058 ng
 RT: 16.40 min Scan# 2265
 Delta R.T. -0.06 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.7	118.1
141	62.6	52.3	78.5

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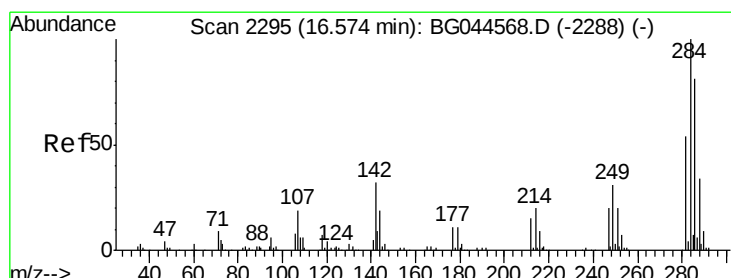
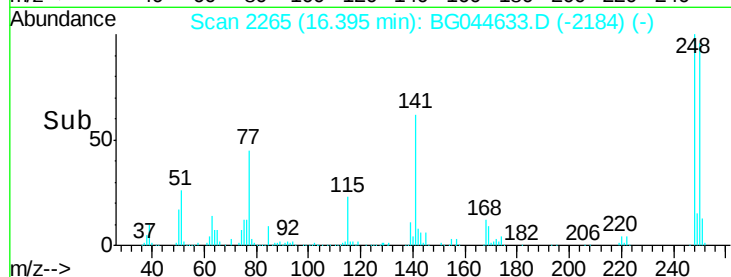
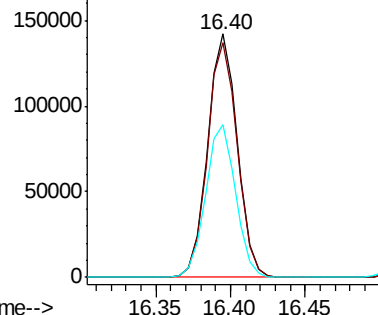


Abundance

Ion 248.00 (247.70 to 248.70): E

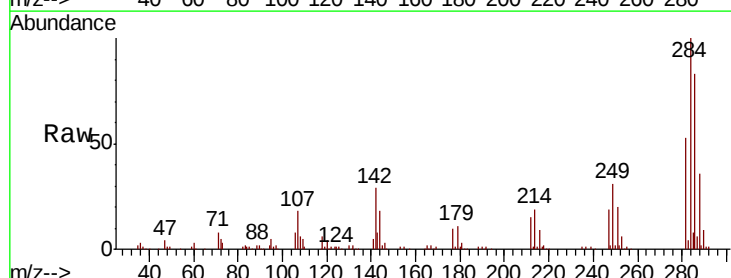
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 37.943 ng
 RT: 16.52 min Scan# 2286
 Delta R.T. -0.06 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	25.6	38.4
249	31.3	24.6	36.8

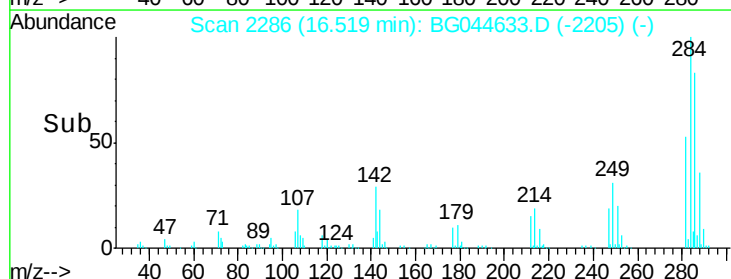
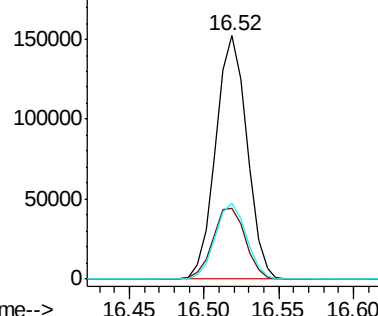


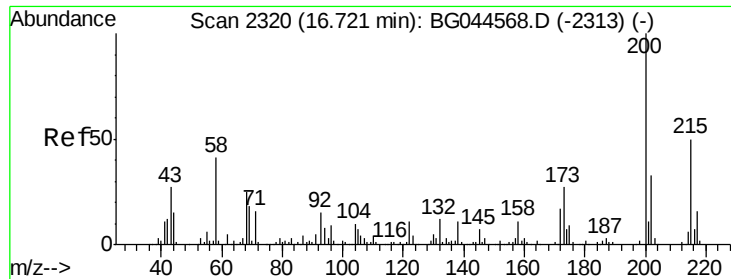
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





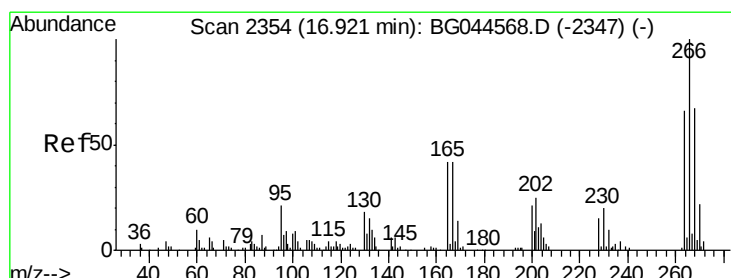
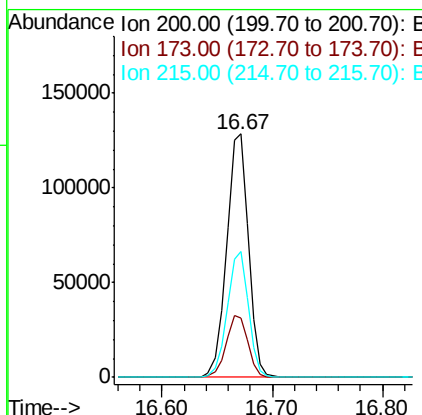
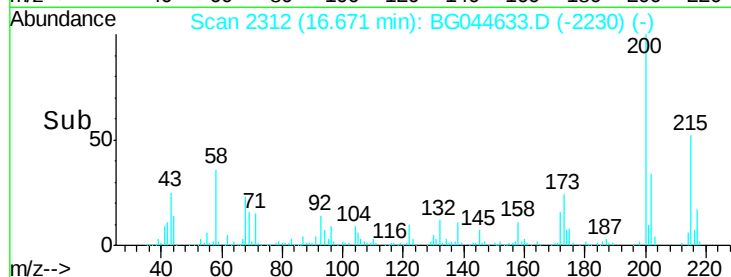
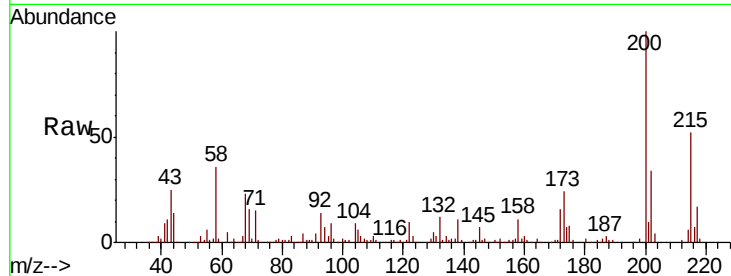
#69
Atrazine
Concen: 37.326 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.05 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	178341		
173	24.4	6.6	46.6	
215	51.6	30.3	70.3	

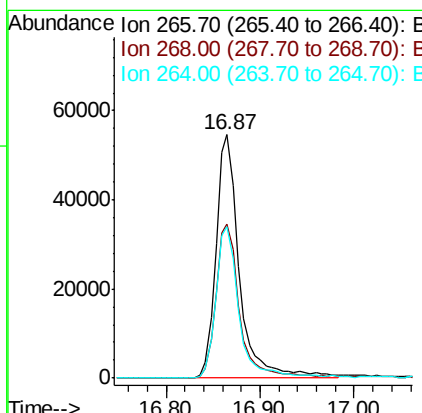
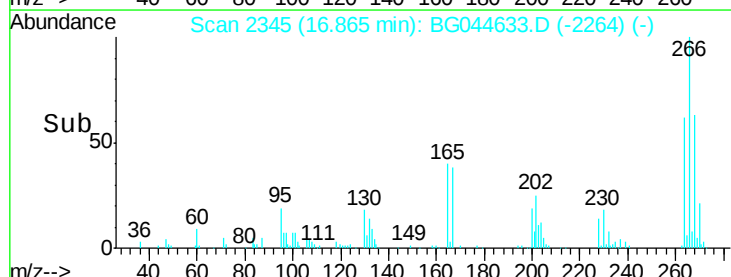
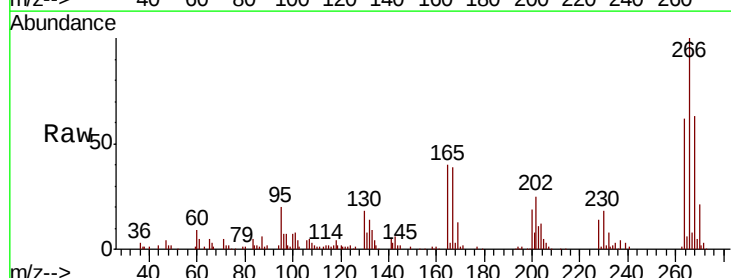
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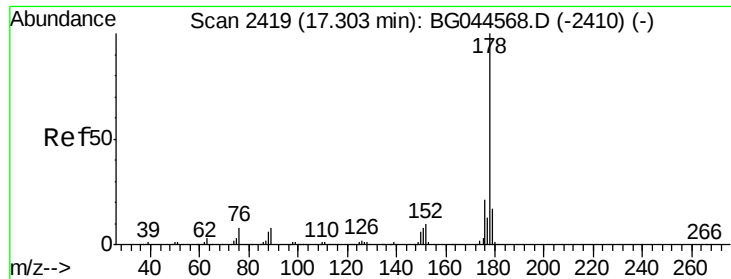
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#70
Pentachlorophenol
Concen: 37.733 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	95332		
268	63.0	53.4	80.0	
264	62.3	53.0	79.4	





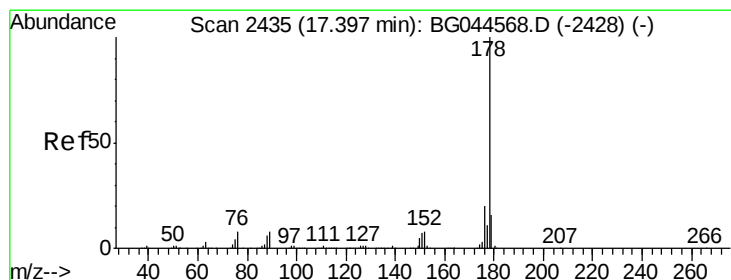
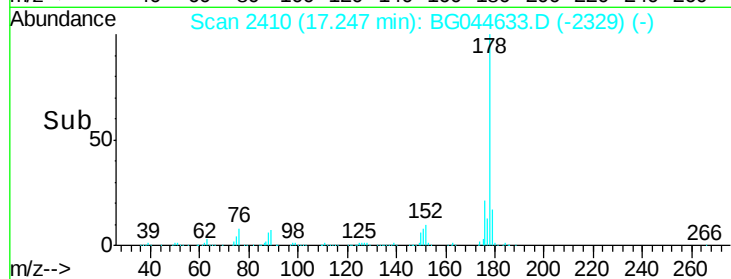
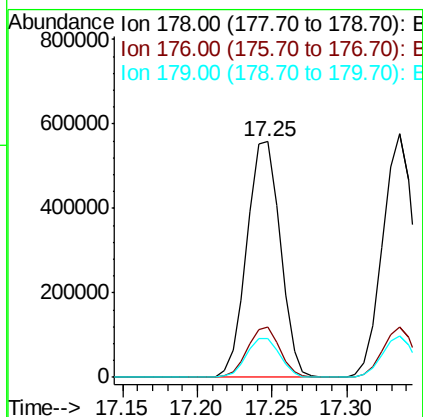
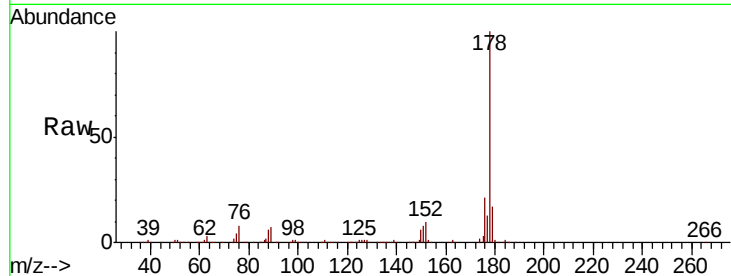
#71
Phenanthrene
Concen: 37.648 ng
RT: 17.25 min Scan# 2410
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.6	25.0
179	16.7	13.3	19.9

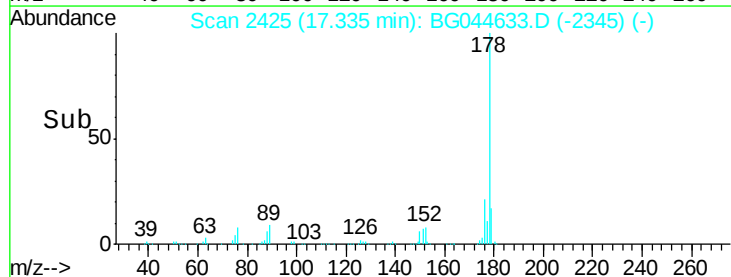
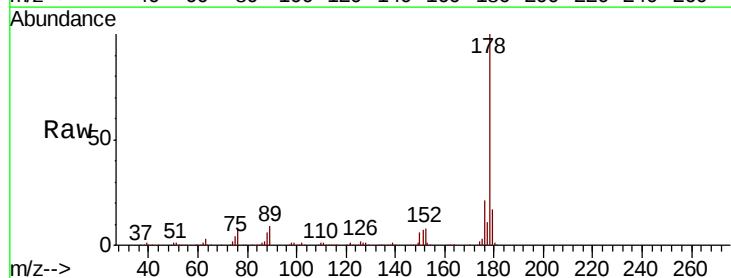
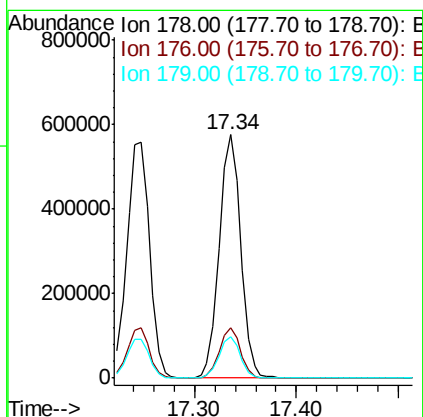
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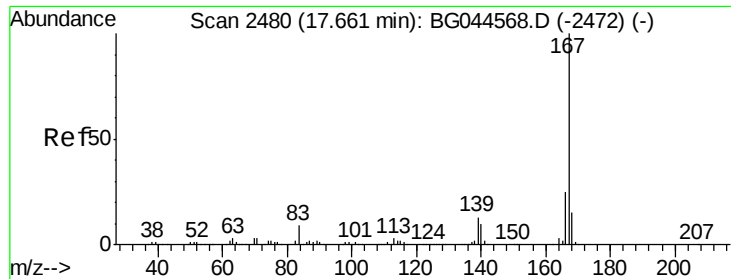
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#72
Anthracene
Concen: 37.547 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.9	23.9
179	16.9	13.1	19.7





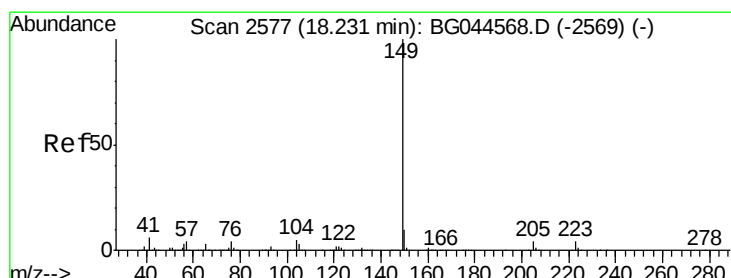
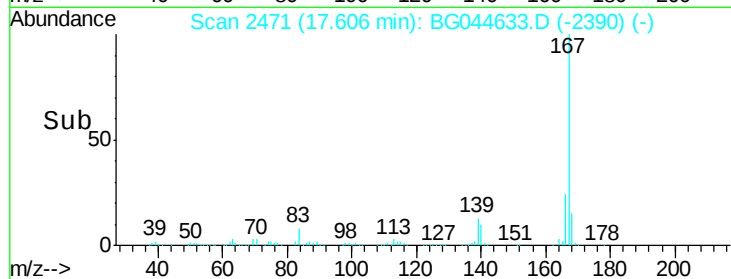
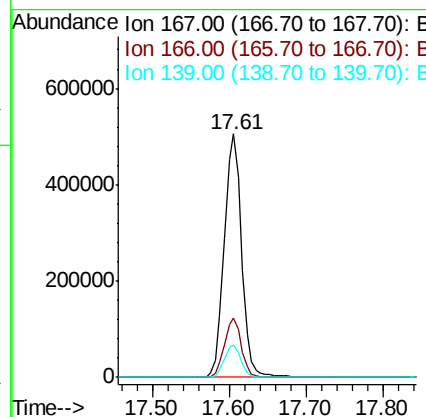
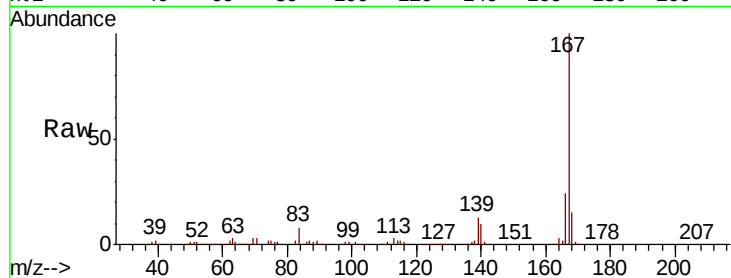
#73
 Carbazole
 Concen: 38.262 ng
 RT: 17.61 min Scan# 2471
 Delta R.T. -0.06 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	167	Resp:	787309
Ion Ratio	Lower	Upper	
167	100		
166	24.3	19.7	29.5
139	13.4	10.6	15.8

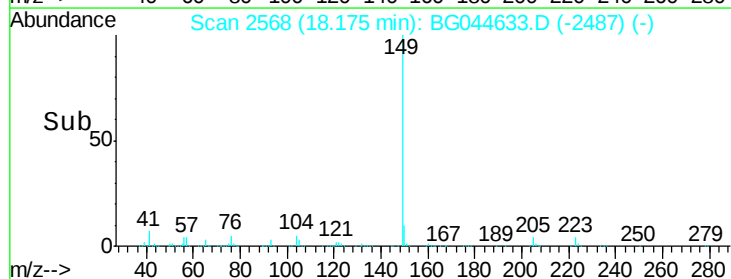
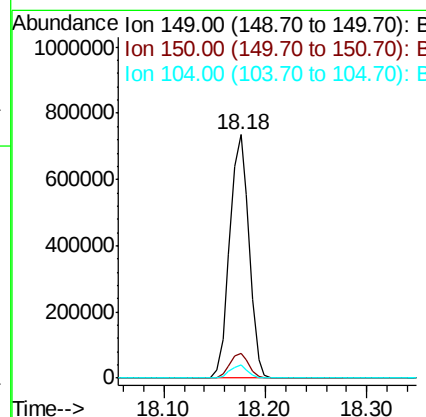
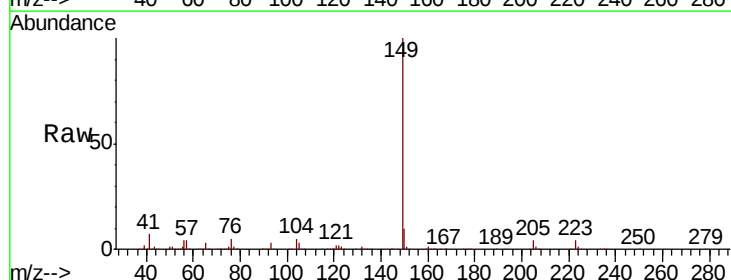
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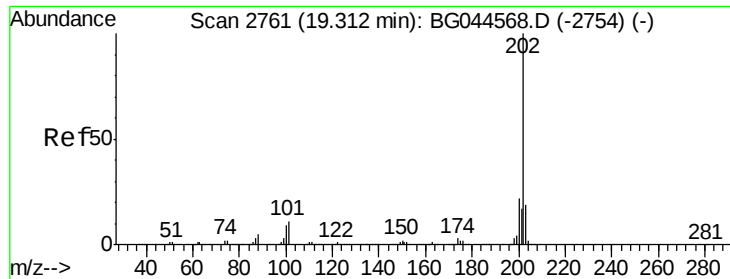
mohammad
 3/3/2020 12:27:46 PM



#74
 Di-n-butylphthalate
 Concen: 37.654 ng
 RT: 18.18 min Scan# 2568
 Delta R.T. -0.06 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Tgt Ion:	149	Resp:	970923
Ion Ratio	Lower	Upper	
149	100		
150	10.3	7.8	11.8
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 38.259 ng

RT: 19.26 min Scan# 2752

Delta R.T. -0.06 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Instrument :

BNA_G

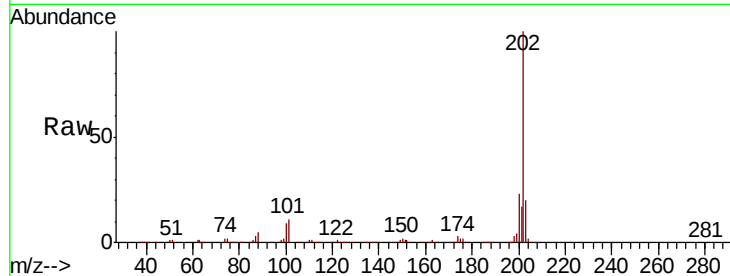
ClientSampleId :

SSTDCCC040

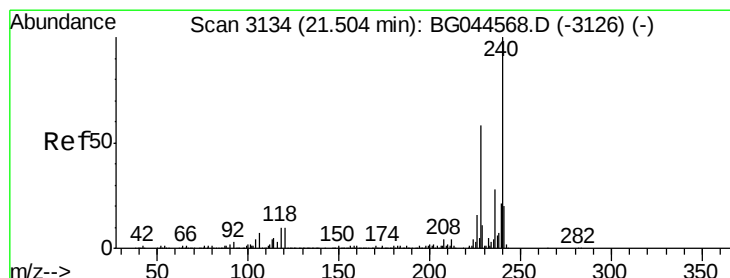
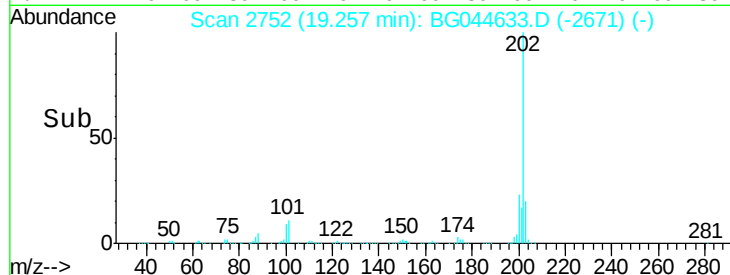
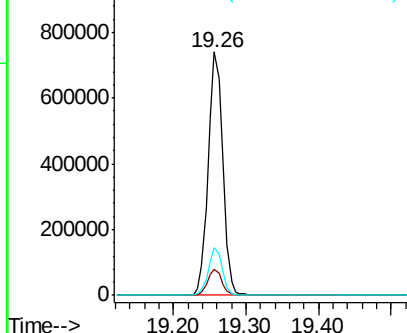
Tot Ion:	202	Resp:	1038926
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.0
203	19.6	0.0	39.2

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



#76

Chrysene-d12

Concen: 20.000 ng

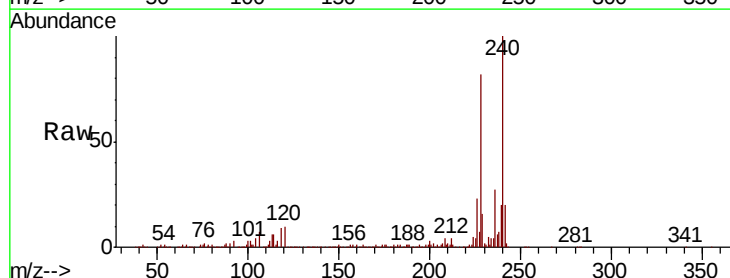
RT: 21.44 min Scan# 3123

Delta R.T. -0.07 min

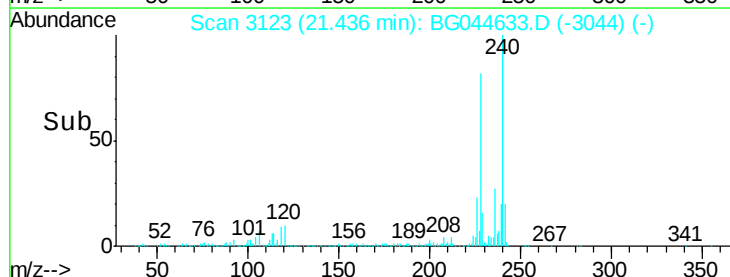
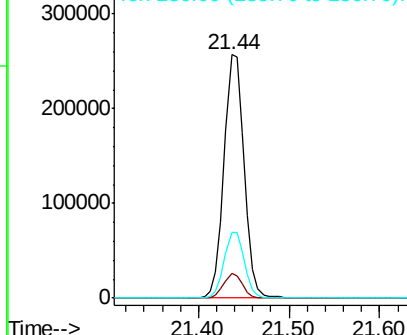
Lab File: BG044633.D

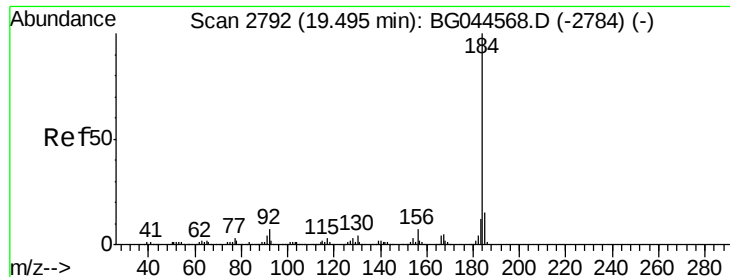
Acq: 2 Mar 2020 13:52

Tgt Ion:	240	Resp:	395536
Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	26.9	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: 36.763 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.06 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Instrument :

BNA_G

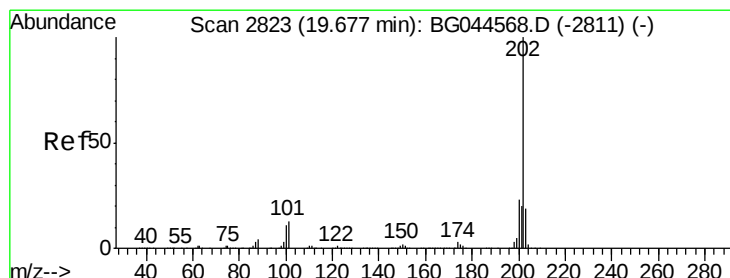
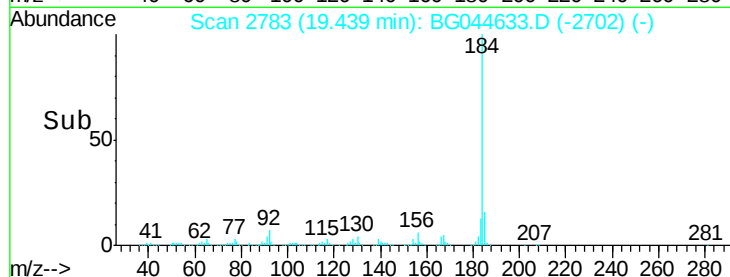
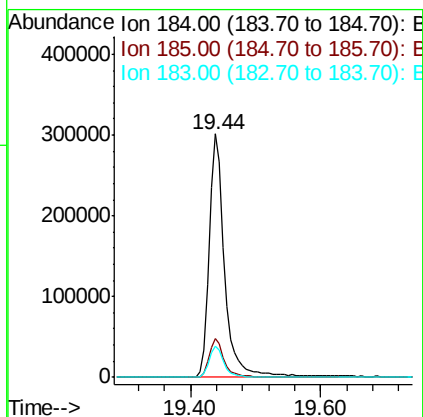
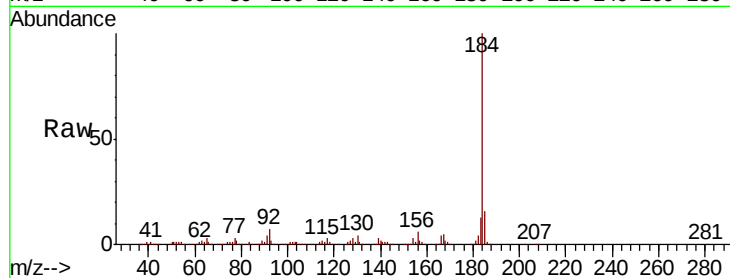
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	498101
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.2	18.4
183	12.7	9.9	14.9

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#78

Pyrene

Concen: 36.789 ng

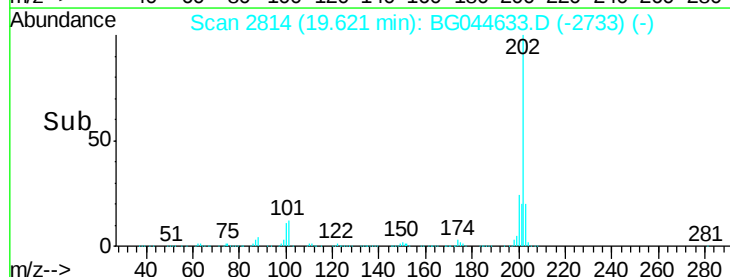
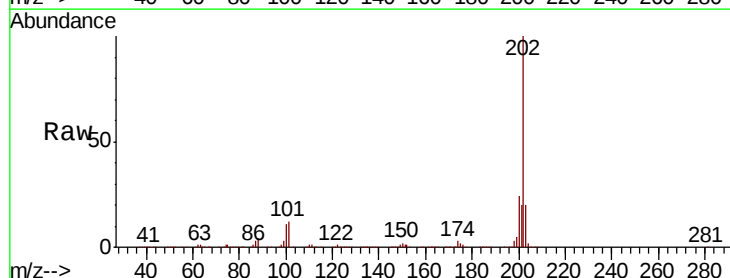
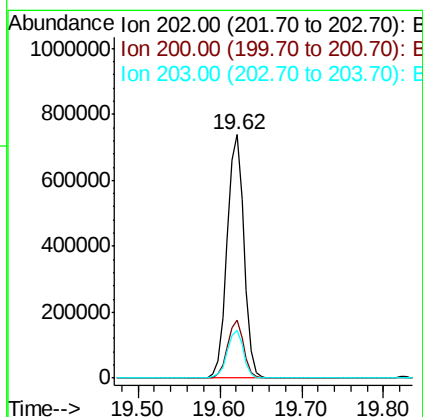
RT: 19.62 min Scan# 2814

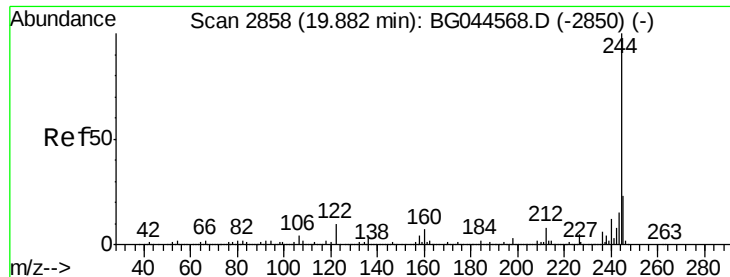
Delta R.T. -0.06 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Tgt Ion:	202	Resp:	1056314
Ion Ratio	Lower	Upper	
202	100		
200	23.7	18.6	28.0
203	19.8	15.3	22.9





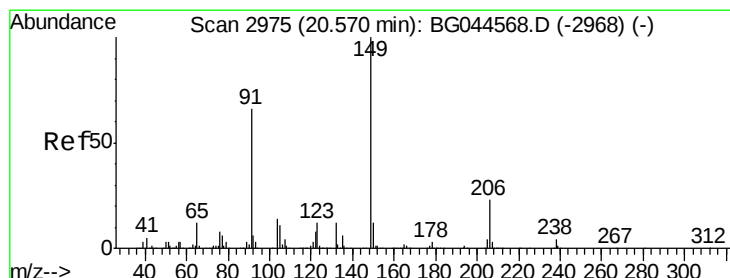
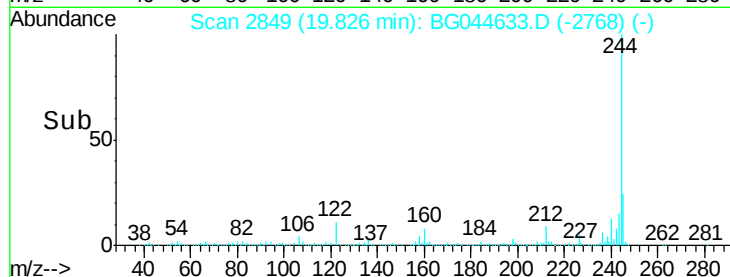
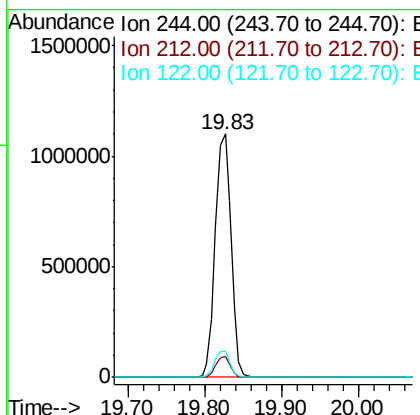
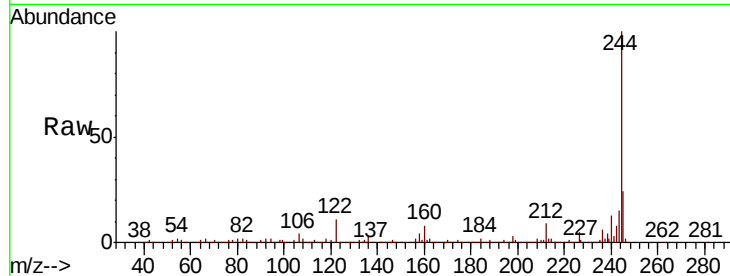
#79
 Terphenyl-d14
 Concen: 74.004 ng
 RT: 19.83 min Scan# 2849
 Delta R.T. -0.06 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	10.8	8.2	12.4

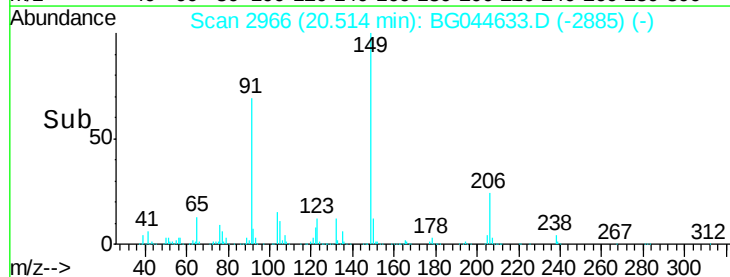
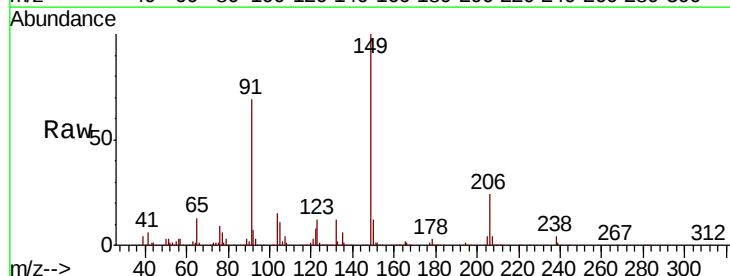
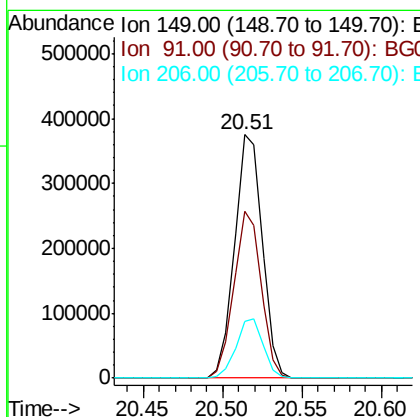
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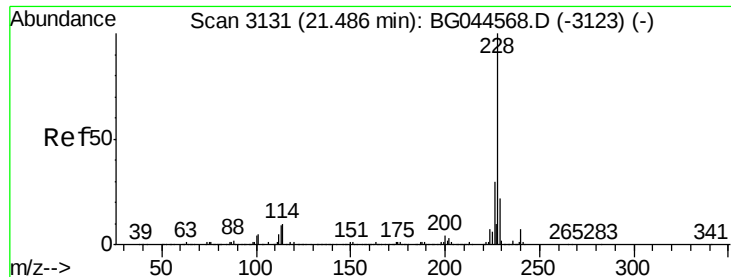
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#80
 Butylbenzylphthalate
 Concen: 36.166 ng
 RT: 20.51 min Scan# 2966
 Delta R.T. -0.06 min
 Lab File: BG044633.D
 Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.6	52.7	79.1
206	23.5	18.6	28.0





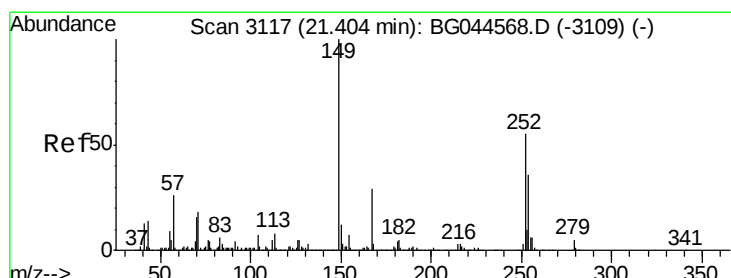
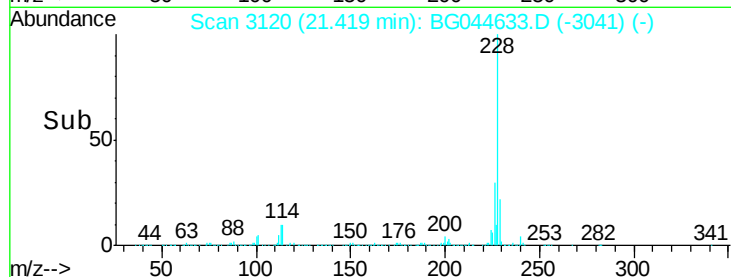
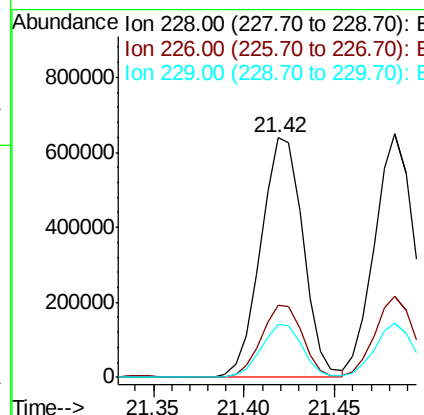
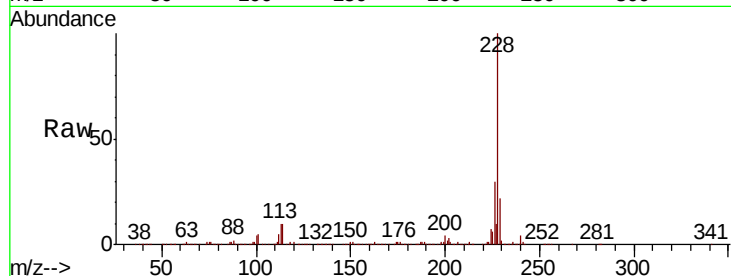
#81
Benzo(a)anthracene
Concen: 37.523 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	22.2	17.2	25.8

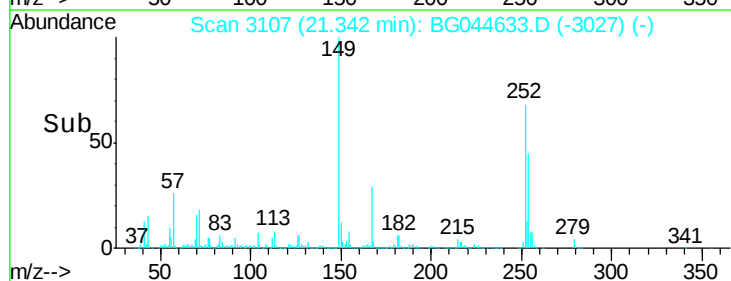
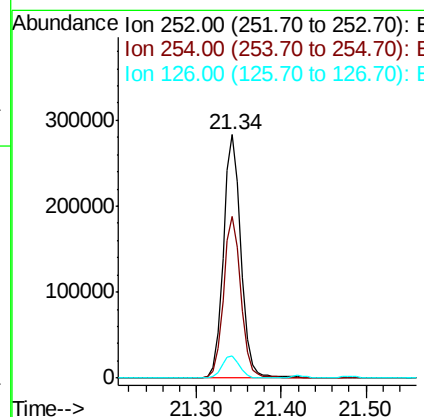
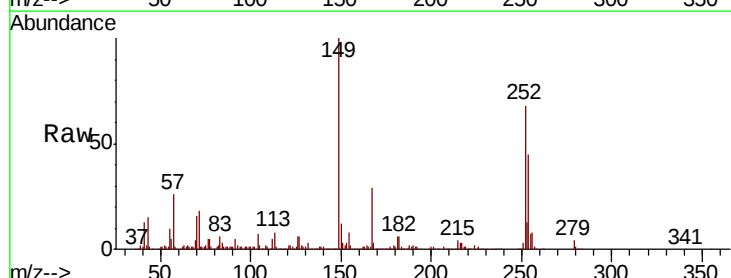
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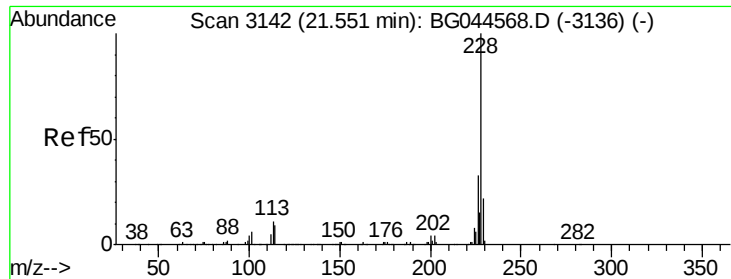
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#82
3,3'-Dichlorobenzidine
Concen: 37.591 ng
RT: 21.34 min Scan# 3107
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.5	77.3
126	8.9	7.8	11.6





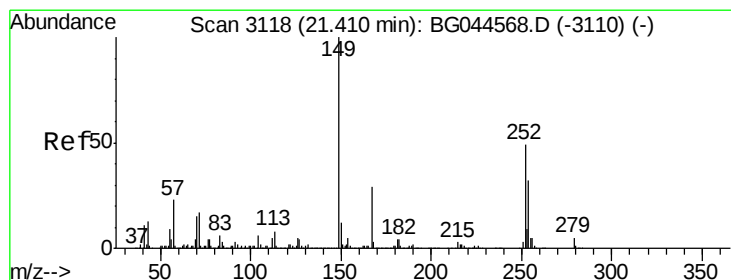
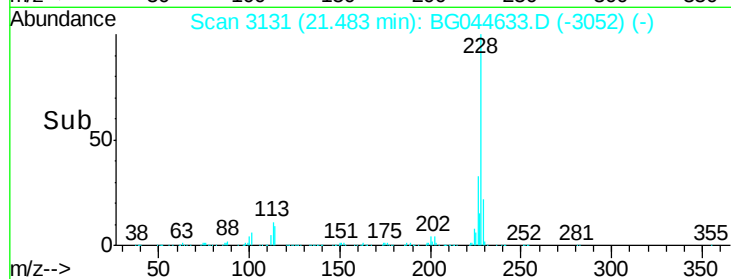
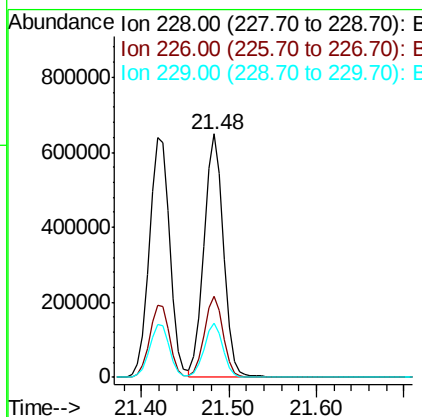
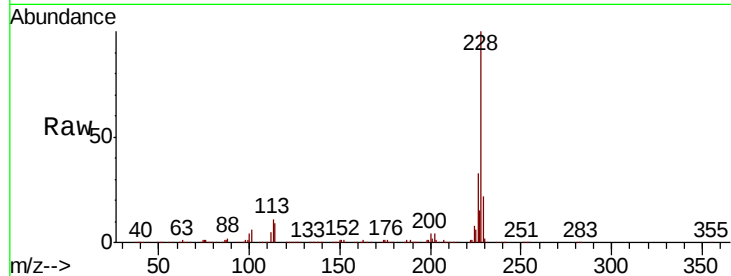
#83
Chrysene
Concen: 37.241 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.07 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1000976
Ion Ratio Lower Upper
228 100
226 33.4 26.1 39.1
229 22.2 17.2 25.8

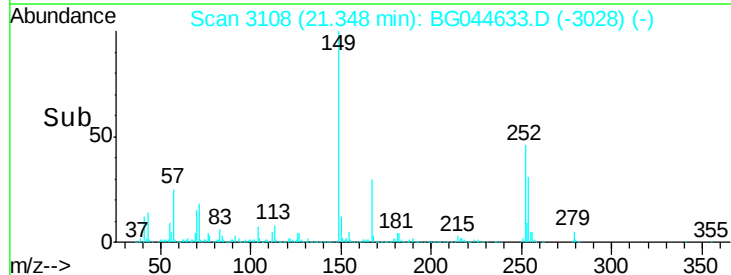
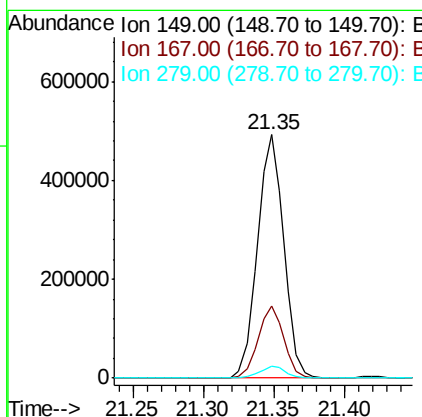
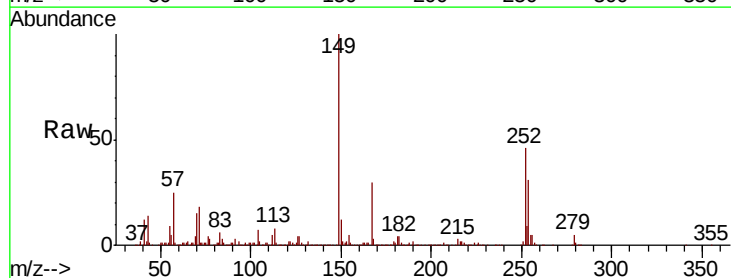
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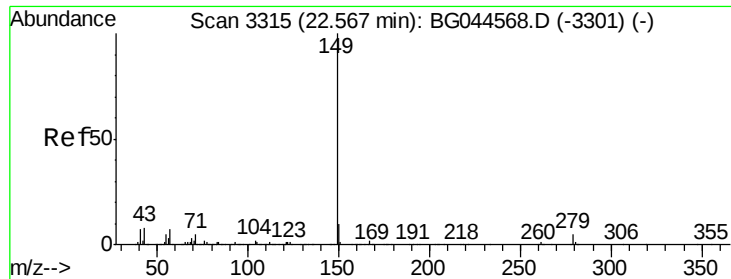
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.247 ng
RT: 21.35 min Scan# 3108
Delta R.T. -0.06 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion:149 Resp: 644567
Ion Ratio Lower Upper
149 100
167 29.8 23.4 35.0
279 4.9 4.2 6.4





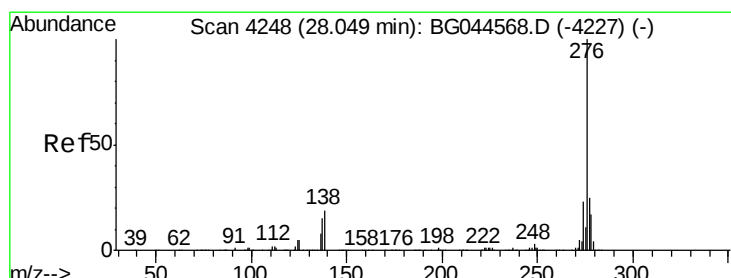
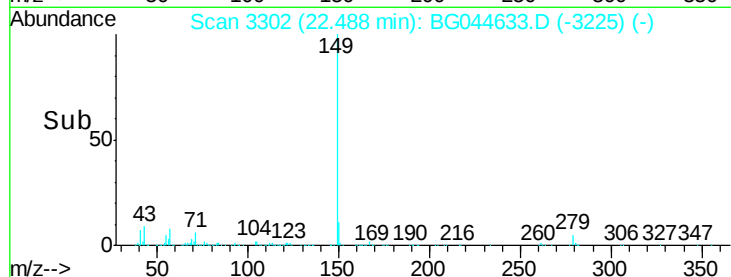
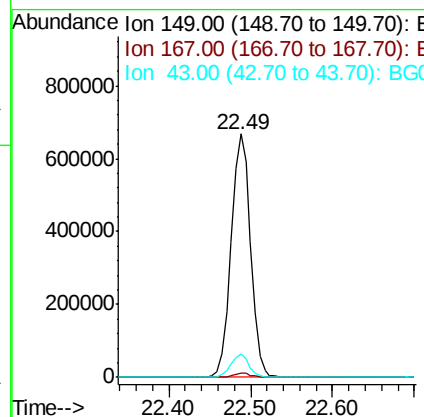
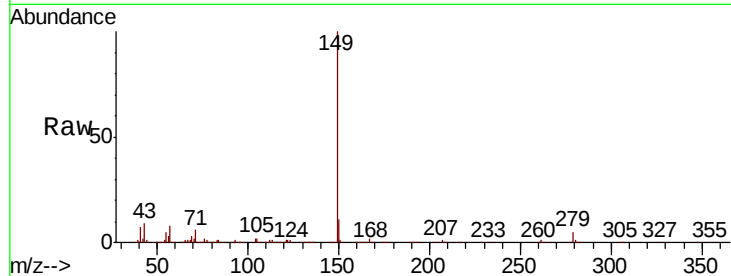
#85
Di-n-octyl phthalate
Concen: 36.109 ng
RT: 22.49 min Scan# 3302
Delta R.T. -0.08 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	6.6	10.0

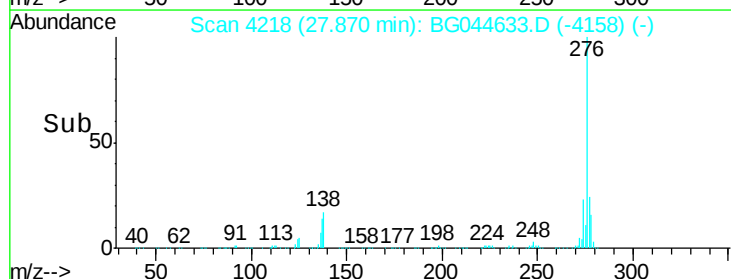
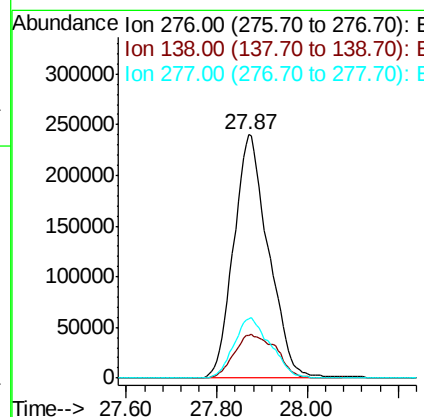
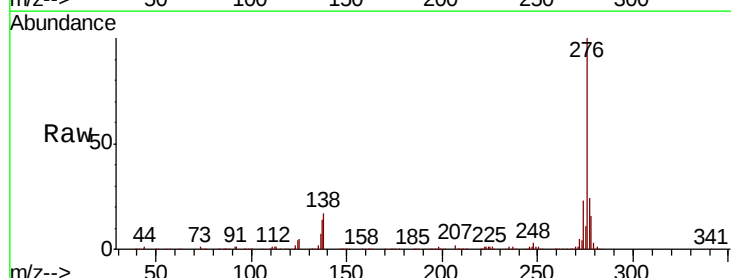
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.174 ng
RT: 27.87 min Scan# 4218
Delta R.T. -0.18 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.2	27.4
277	26.1	20.7	31.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.46 min Scan# 3637

Delta R.T. -0.11 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Instrument :

BNA_G

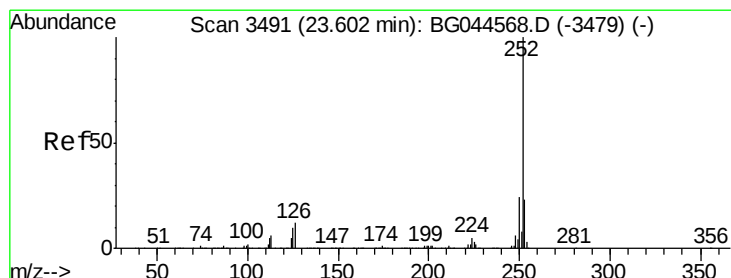
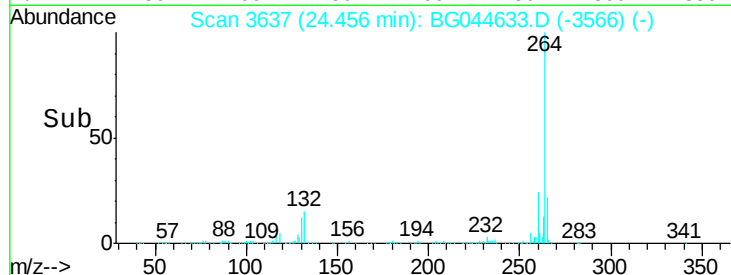
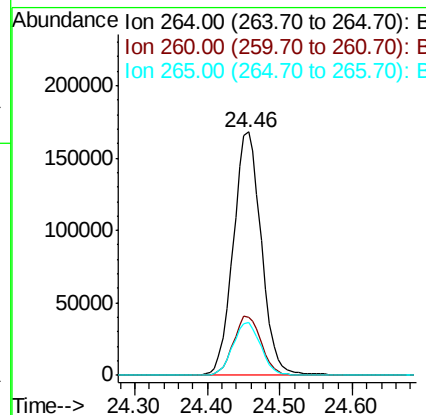
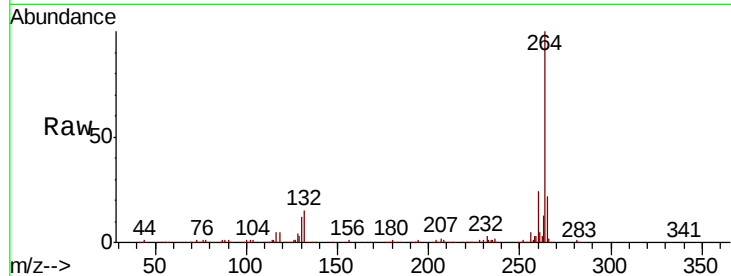
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	451676
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.7	29.5
265	21.9	17.8	26.8

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#88

Benzo(b)fluoranthene

Concen: 37.175 ng

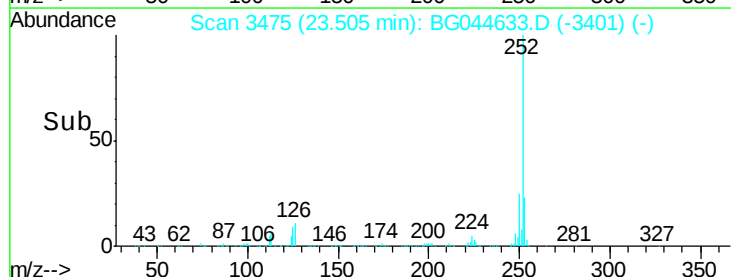
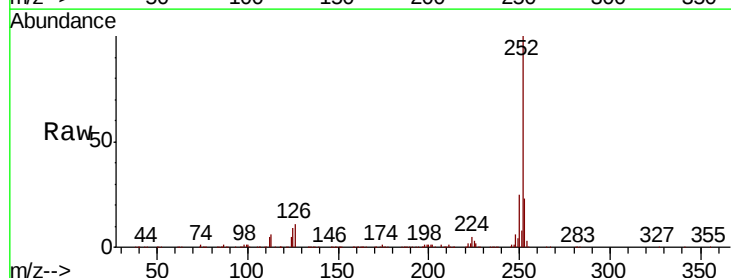
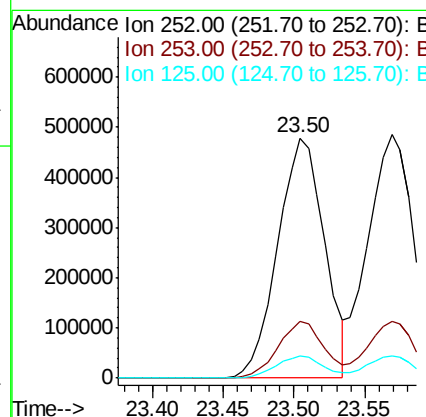
RT: 23.50 min Scan# 3475

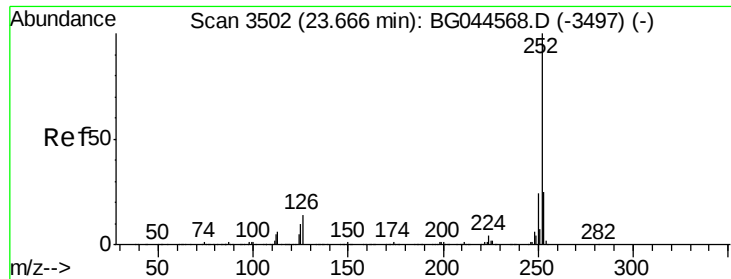
Delta R.T. -0.10 min

Lab File: BG044633.D

Acq: 2 Mar 2020 13:52

Tgt Ion:	252	Resp:	1103990
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.4	27.6
125	9.0	7.9	11.9





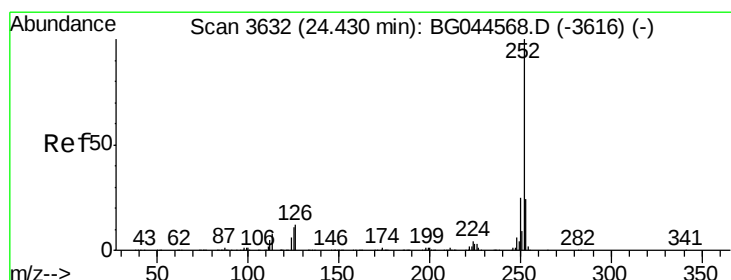
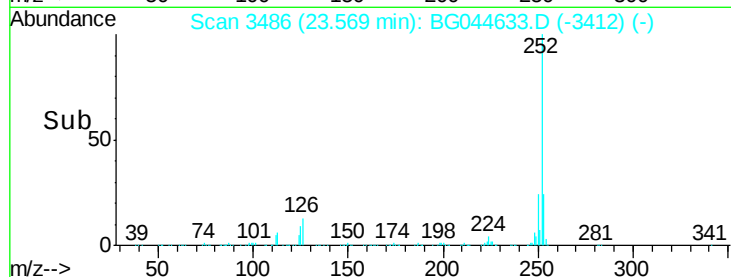
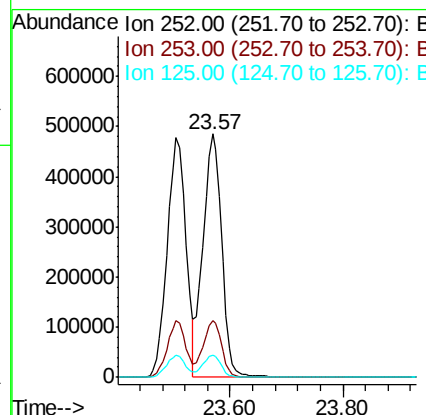
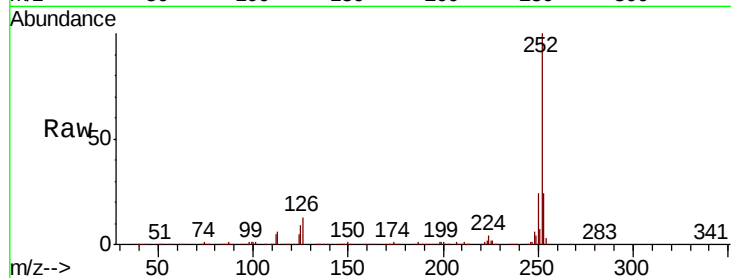
#89
Benzo(k)fluoranthene
Concen: 38.600 ng
RT: 23.57 min Scan# 3486
Delta R.T. -0.10 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	9.3	7.8	11.8

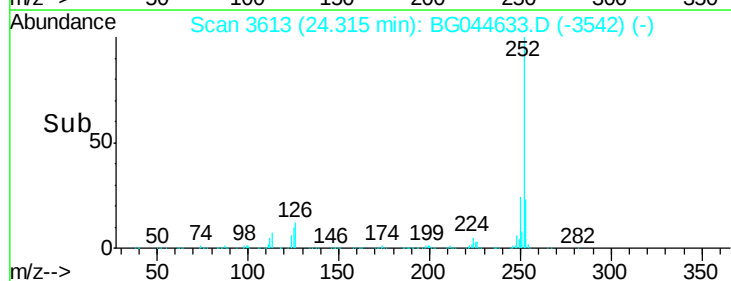
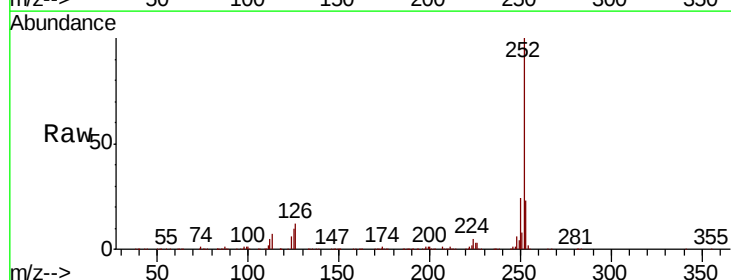
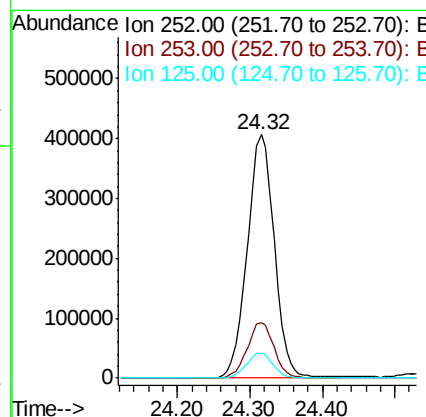
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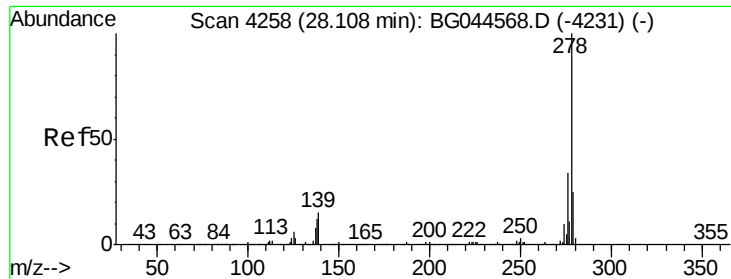
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#90
Benzo(a)pyrene
Concen: 37.693 ng
RT: 24.32 min Scan# 3613
Delta R.T. -0.11 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.0	28.4
125	10.1	8.5	12.7





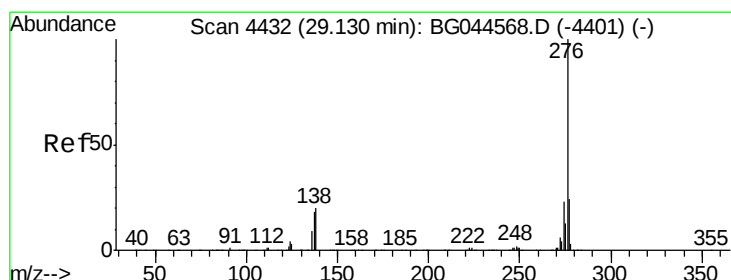
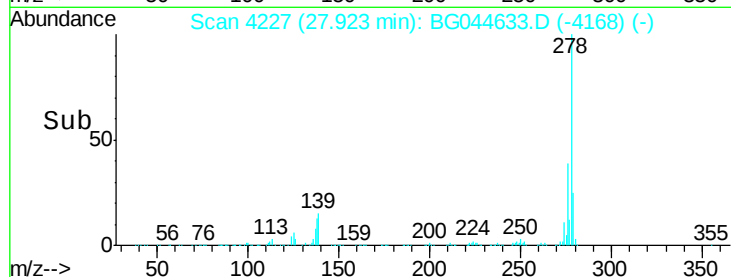
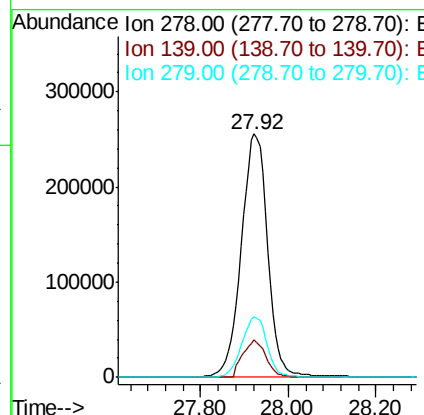
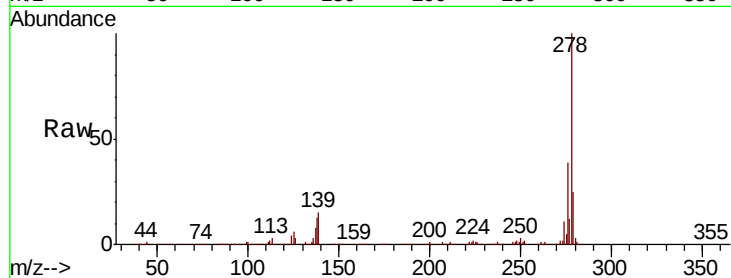
#91
Dibenzo(a,h)anthracene
Concen: 37.637 ng
RT: 27.92 min Scan# 4227
Delta R.T. -0.19 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.7	17.5
279	24.8	19.8	29.6

Manual Integrations
APPROVED

mohammad
3/3/2020 12:27:46 PM



#92
Benzo(g,h,i)perylene
Concen: 37.420 ng
RT: 28.93 min Scan# 4398
Delta R.T. -0.20 min
Lab File: BG044633.D
Acq: 2 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.5	29.3
138	17.6	16.1	24.1

