

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050620\
 Data File : BG045254.D
 Acq On : 6 May 2020 15:39
 Operator : CG/JU
 Sample : PB128675BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128675BS

Manual Integrations
 APPROVED

Sohil
 5/8/2020 5:20:23 PM

Quant Time: May 06 16:17:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:59:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	56502	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	237065	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	182576	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	440374	20.00	ng	0.00
76) Chrysene-d12	21.65	240	383113	20.00	ng	0.00
87) Perylene-d12	24.82	264	409664	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	469354	137.14	ng	0.00
7) Phenol-d6	7.15	99	672047	132.17	ng	0.00
23) Nitrobenzene-d5	9.14	82	430914	82.94	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	353300	125.26	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1037487	83.32	ng	0.00
79) Terphenyl-d14	19.99	244	1755199	99.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	59182	38.911	ng	97
3) Pyridine	3.83	79	135733	28.984	ng	93
4) n-Nitrosodimethylamine	3.74	42	61560	42.911	ng	# 87
6) Aniline	7.30	93	154054	23.302	ng	98
8) 2-Chlorophenol	7.55	128	181138	49.247	ng	98
9) Benzaldehyde	7.11	77	137575	52.099	ng	97
10) Phenol	7.18	94	238839	46.939	ng	96
11) bis(2-Chloroethyl)ether	7.40	93	164148	40.518	ng	98
12) 1,3-Dichlorobenzene	7.87	146	186371m	43.000	ng	
13) 1,4-Dichlorobenzene	8.02	146	187913	43.511	ng	99
14) 1,2-Dichlorobenzene	8.34	146	179835	43.525	ng	96
15) Benzyl Alcohol	8.22	79	181860	42.658	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	155225	39.033	ng	94
17) 2-Methylphenol	8.43	107	165248	42.092	ng	95
18) Hexachloroethane	9.07	117	72685	44.769	ng	96
19) n-Nitroso-di-n-propylamine	8.79	70	149837	41.668	ng	97
20) 3+4-Methylphenols	8.76	107	229344	41.736	ng	98
22) Acetophenone	8.81	105	279162	43.545	ng	97
24) Nitrobenzene	9.19	77	224353	42.127	ng	95
25) Isophorone	9.71	82	436981	41.071	ng	99
26) 2-Nitrophenol	9.90	139	104282	45.459	ng	96
27) 2,4-Dimethylphenol	9.97	122	175608	48.245	ng	92
28) bis(2-Chloroethoxy)methane	10.20	93	239677	42.874	ng	100
29) 2,4-Dichlorophenol	10.44	162	193000	45.920	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	203021	42.664	ng	94
31) Naphthalene	10.84	128	554297	42.742	ng	99
32) Benzoic acid	10.12	122	107468	38.069	ng	90
33) 4-Chloroaniline	10.95	127	65958	10.906	ng	97
34) Hexachlorobutadiene	11.14	225	141376	43.332	ng	97
35) Caprolactam	11.71	113	73781m	44.108	ng	
36) 4-Chloro-3-methylphenol	12.08	107	227167	46.010	ng	99
37) 2-Methylnaphthalene	12.45	142	434648	43.180	ng	99
38) 1-Methylnaphthalene	12.67	142	410503	43.198	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	242986	41.335	ng	99

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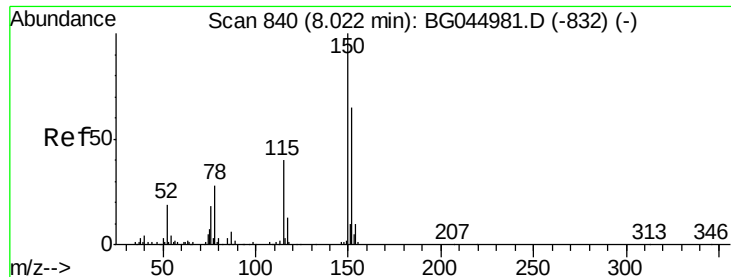
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	356395	97.001	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	176838	42.624	ng	96
44) 2,4,5-Trichlorophenol	13.13	196	195770	41.455	ng	99
46) 1,1'-Biphenyl	13.46	154	564286	40.663	ng	100
47) 2-Chloronaphthalene	13.50	162	428064	40.370	ng	99
48) 2-Nitroaniline	13.70	65	141308	40.504	ng	96
49) Acenaphthylene	14.35	152	734785	42.543	ng	100
50) Dimethylphthalate	14.08	163	620106	41.713	ng	99
51) 2,6-Dinitrotoluene	14.19	165	139822	42.050	ng	97
52) Acenaphthene	14.69	154	545923m	46.717	ng	
53) 3-Nitroaniline	14.53	138	53625	14.704	ng	# 92
54) 2,4-Dinitrophenol	14.73	184	172690	87.339	ng	94
55) Dibenzofuran	15.03	168	707236	41.512	ng	98
56) 4-Nitrophenol	14.84	139	233598	82.612	ng	95
57) 2,4-Dinitrotoluene	14.98	165	204039	41.989	ng	99
58) Fluorene	15.68	166	587998	42.253	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	187436	44.607	ng	97
60) Diethylphthalate	15.45	149	647444	41.772	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	331088	41.334	ng	98
62) 4-Nitroaniline	15.69	138	134765	35.628	ng	90
63) Azobenzene	15.96	77	607849	42.537	ng	97
65) 4,6-Dinitro-2-methylphenol	15.75	198	134902	46.605	ng	94
66) n-Nitrosodiphenylamine	15.88	169	531510	42.007	ng	100
67) 4-Bromophenyl-phenylether	16.57	248	228105	40.151	ng	97
68) Hexachlorobenzene	16.69	284	252686	42.886	ng	97
69) Atrazine	16.84	200	212403	46.147	ng	99
70) Pentachlorophenol	17.03	266	308168	85.257	ng	97
71) Phenanthrene	17.42	178	978214	43.227	ng	100
72) Anthracene	17.51	178	1011173	44.545	ng	99
73) Carbazole	17.78	167	921588	40.006	ng	99
74) Di-n-butylphthalate	18.34	149	1122067	44.708	ng	99
75) Fluoranthene	19.43	202	1184342	44.451	ng	99
77) Benzidine	19.60	184	447042	39.568	ng	97
78) Pyrene	19.79	202	1172340	44.387	ng	99
80) Butylbenzylphthalate	20.68	149	466761	42.634	ng	100
81) Benzo(a)anthracene	21.62	228	1075443	43.310	ng	97
82) 3,3'-Dichlorobenzidine	21.54	252	193604	19.589	ng	# 97
83) Chrysene	21.69	228	1015404	42.560	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	648952	43.099	ng	98
85) Di-n-octyl phthalate	22.74	149	1074640	41.272	ng	99
86) Indeno(1,2,3-cd)pyrene	28.43	276	1317023	41.578	ng	# 97
88) Benzo(b)fluoranthene	23.81	252	1119976	43.645	ng	97
89) Benzo(k)fluoranthene	23.88	252	1088707	44.612	ng	97
90) Benzo(a)pyrene	24.67	252	1032038	42.597	ng	99
91) Dibenzo(a,h)anthracene	28.49	278	1088178	44.573	ng	97
92) Benzo(g,h,i)perylene	29.55	276	1105119	45.151	ng	98

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



#1

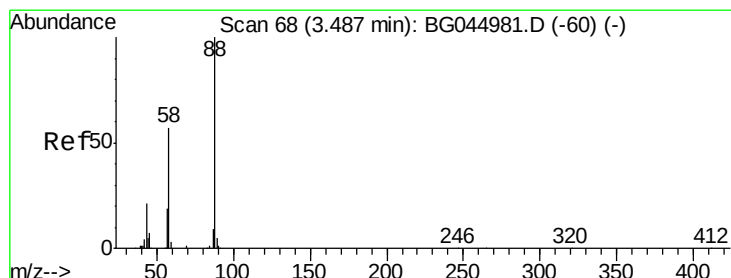
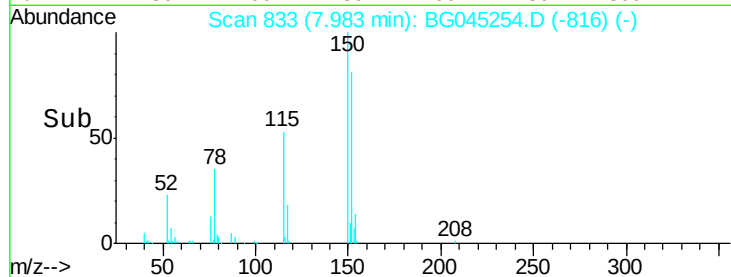
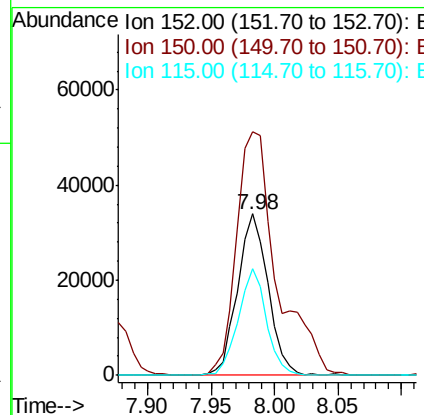
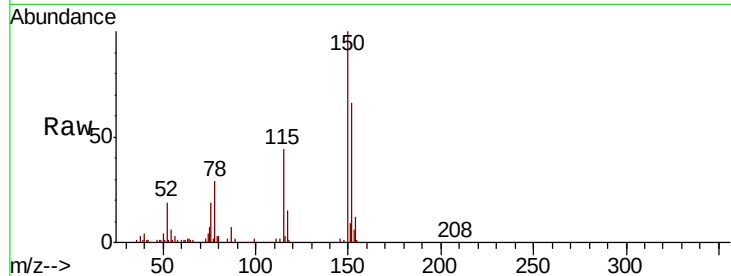
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	123.6	185.4
115	66.1	49.1	73.7

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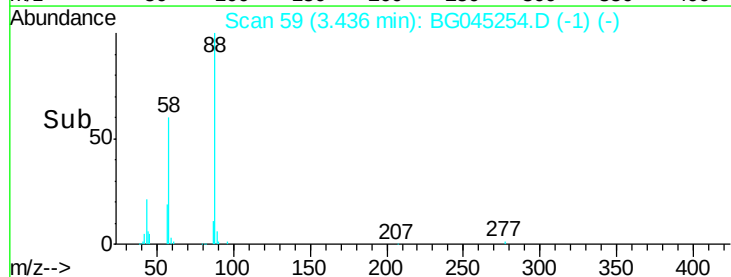
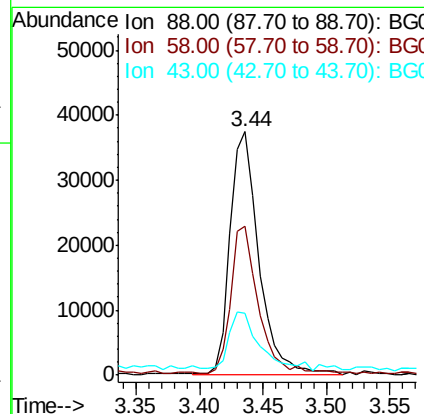
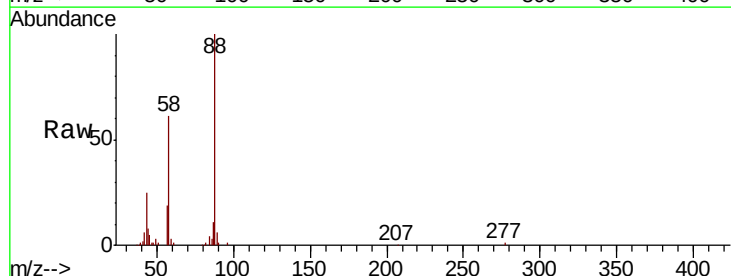
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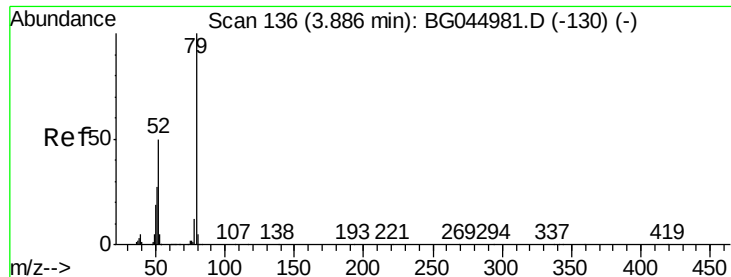


#2

1,4-Dioxane
Concen: 38.911 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.9	46.6	69.8
43	26.0	17.5	26.3





#3

Pvridine

Concen: 28.984 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

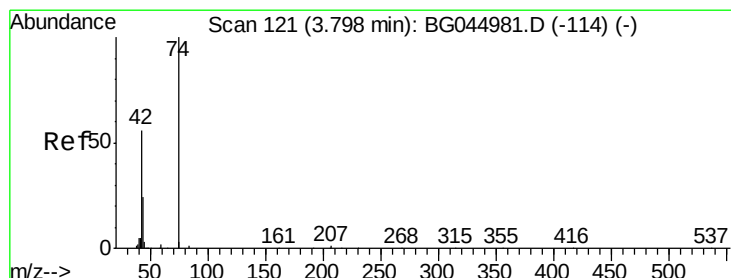
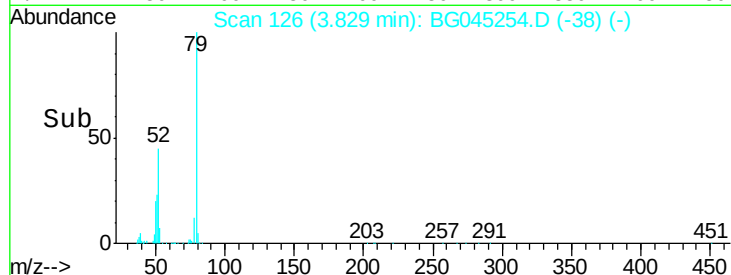
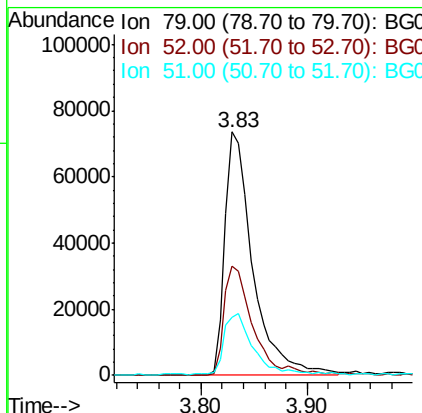
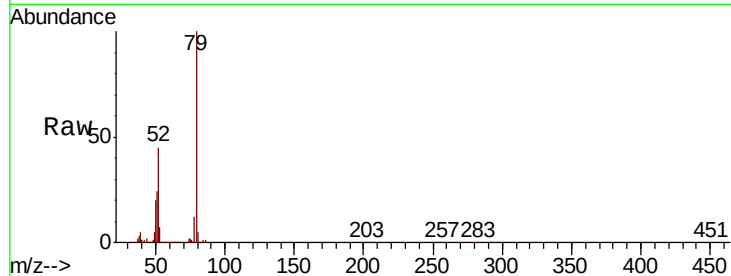
ClientSampled :

PB128675BS

Tot Ion:	79	Resp:	135733
Ion	Ratio	Lower	Upper
79	100		
52	44.7	39.8	59.6
51	24.1	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 42.911 ng

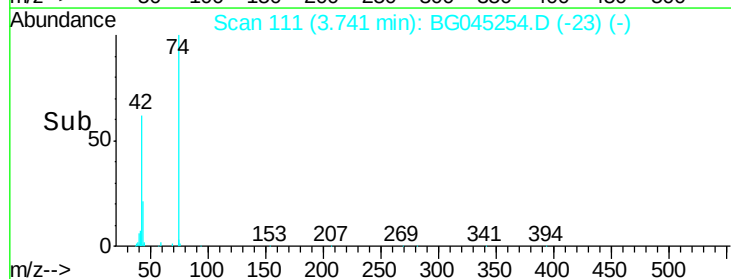
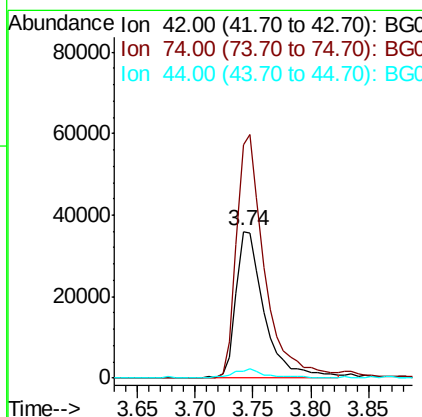
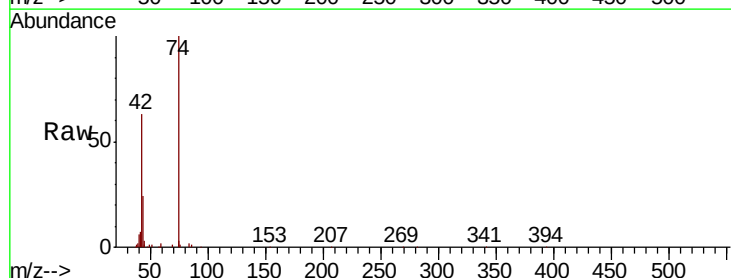
RT: 3.74 min Scan# 111

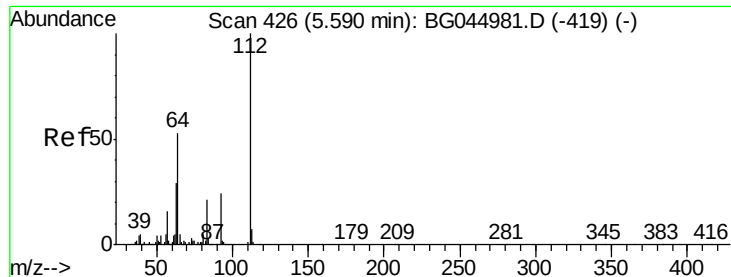
Delta R.T. -0.01 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion:	42	Resp:	61560
Ion	Ratio	Lower	Upper
42	100		
74	159.3	143.0	214.6
44	4.4	4.6	6.8#





#5

2-Fluorophenol

Concen: 137.142 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

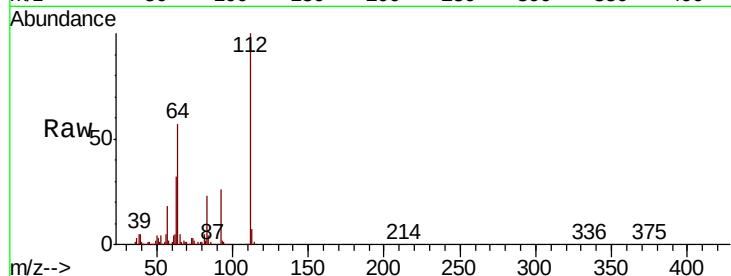
ClientSampleId :

PB128675BS

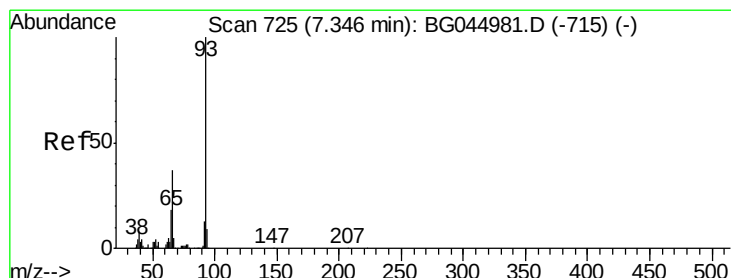
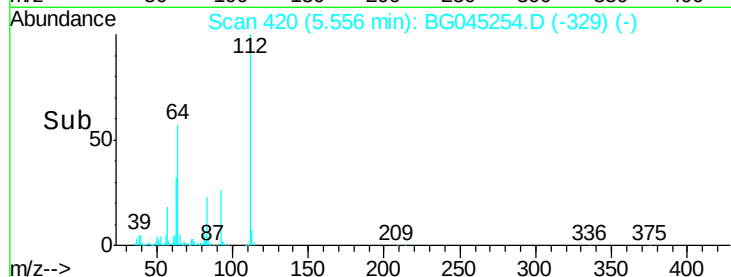
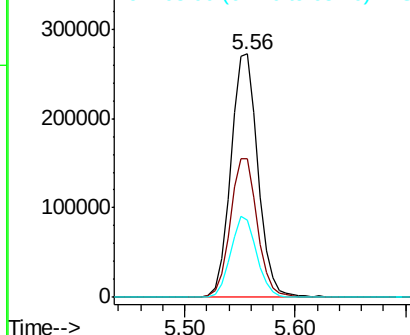
Tot Ion	Ratio	Resp	Lower	Upper
112	100	469354		
64	56.9	42.4	63.6	
63	31.5	23.1	34.7	

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.302 ng

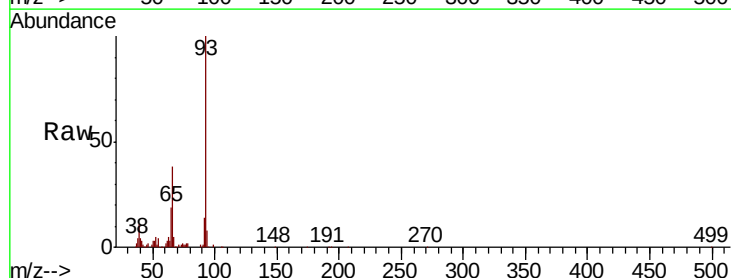
RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

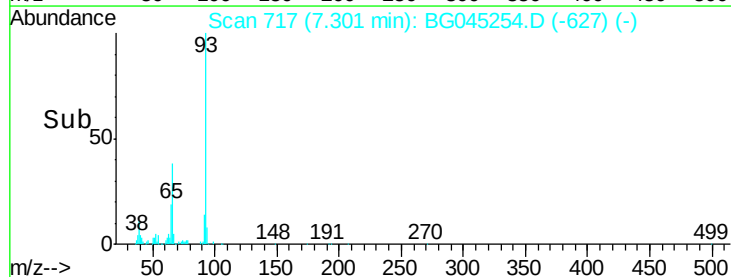
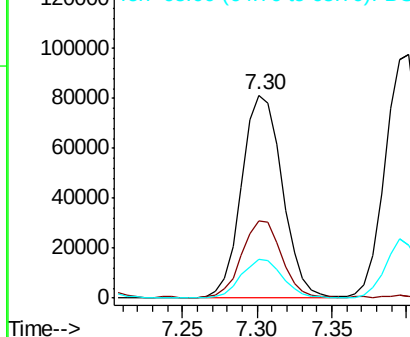
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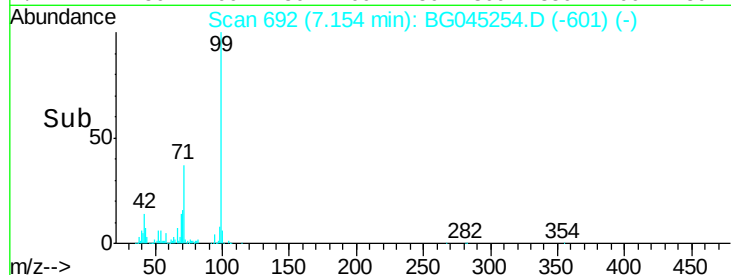
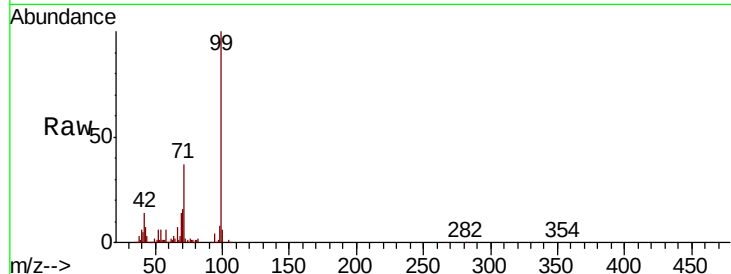
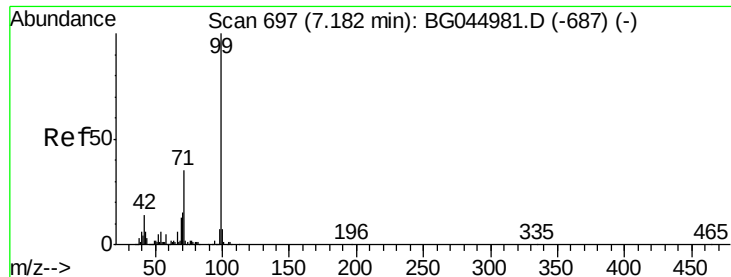
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	154054		
66	38.2	29.8	44.8	
65	19.4	14.6	22.0	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.167 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		672047		
42	14.2	11.3	16.9		
71	37.2	28.3	42.5		

Instrument :

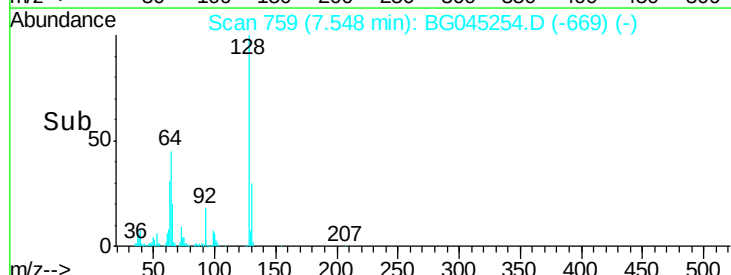
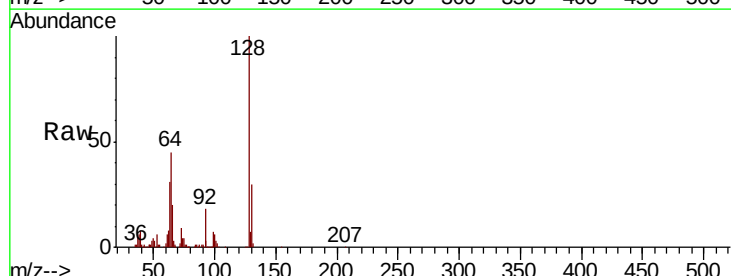
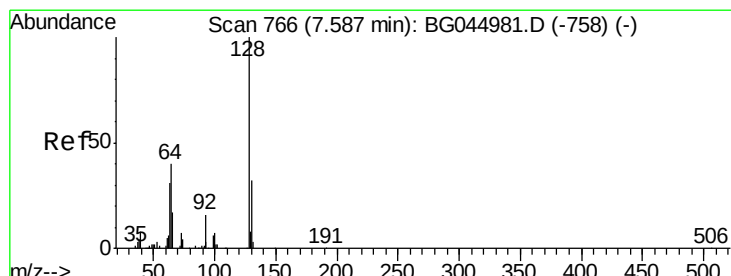
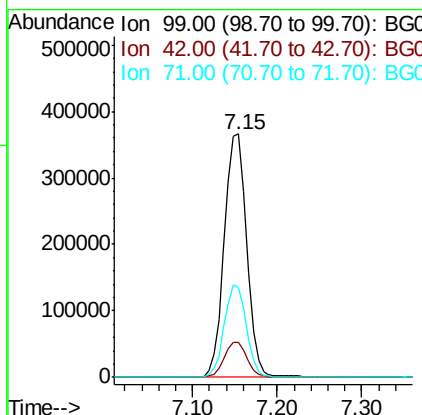
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 49.247 ng

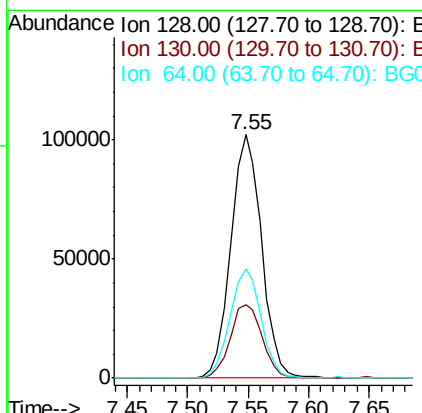
RT: 7.55 min Scan# 759

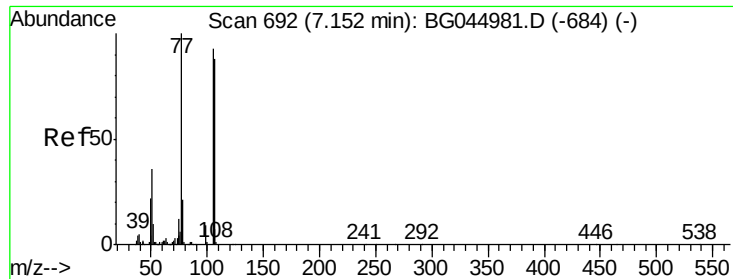
Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		181138		
130	29.9	12.3	52.3		
64	44.7	24.4	64.4		





#9

Benzaldehyde

Concen: 52.099 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

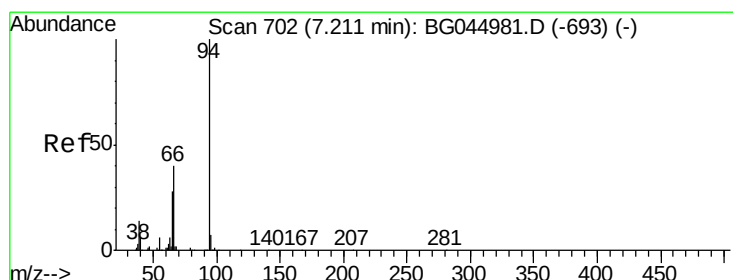
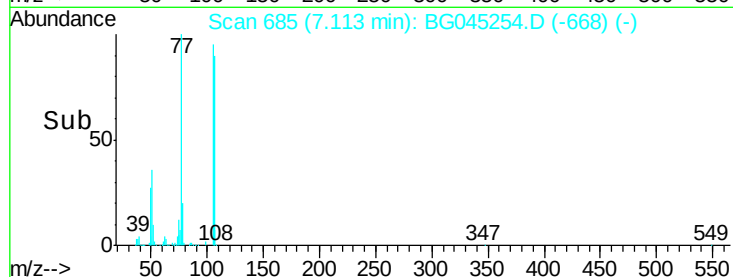
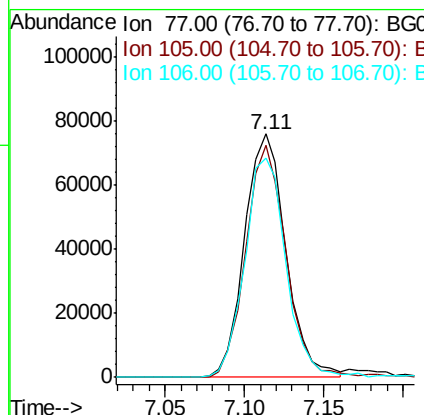
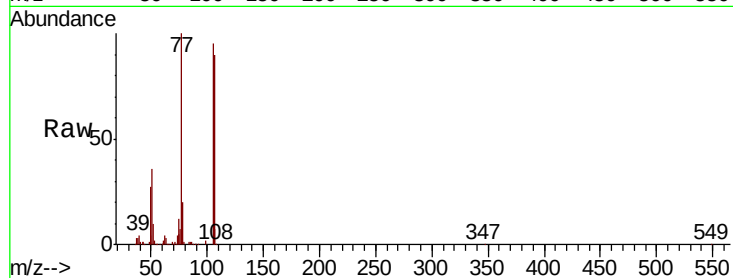
ClientSampleID :

PB128675BS

Tot Ion:	77	Resp:	137575
Ion	Ratio	Lower	Upper
77	100		
105	95.3	72.9	112.9
106	90.3	67.6	107.6

Manual Integrations
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#10

Phenol

Concen: 46.939 ng

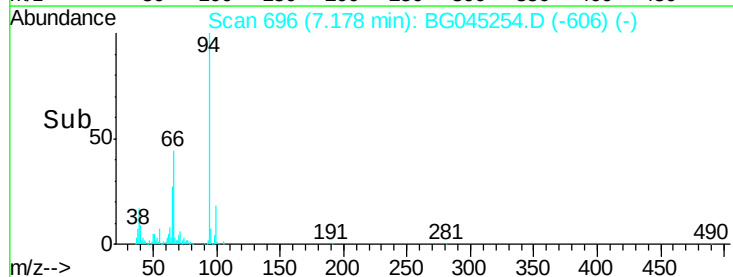
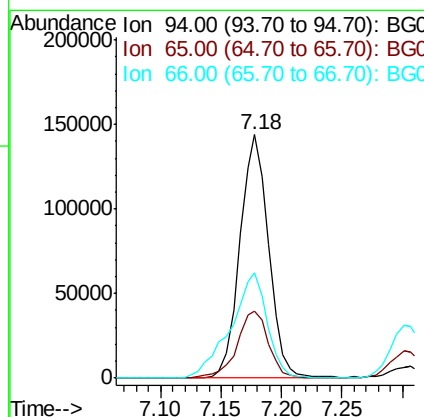
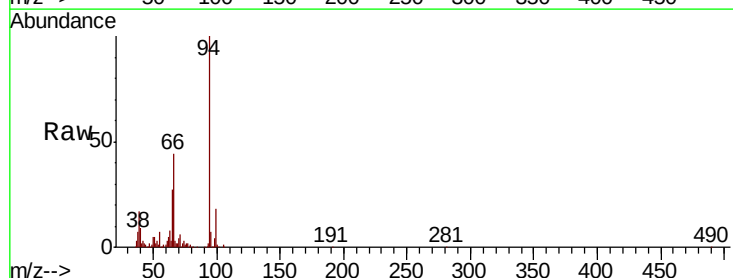
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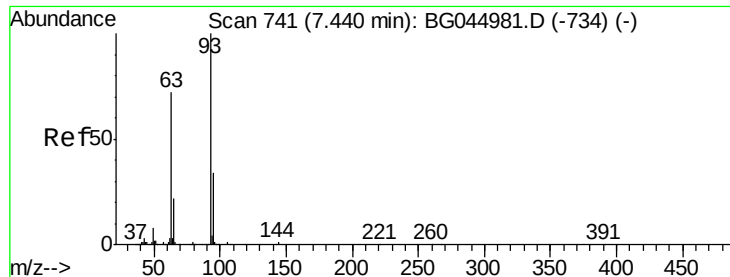
Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion:	94	Resp:	238839
Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.2	48.2
66	43.5	20.4	60.4





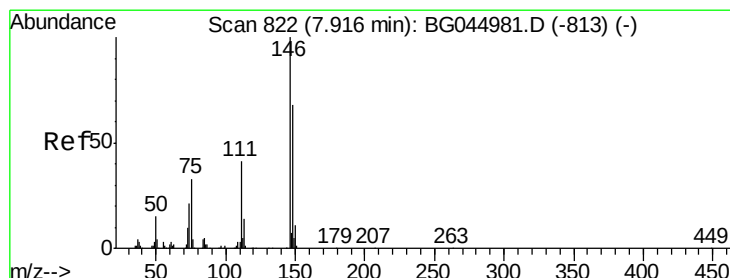
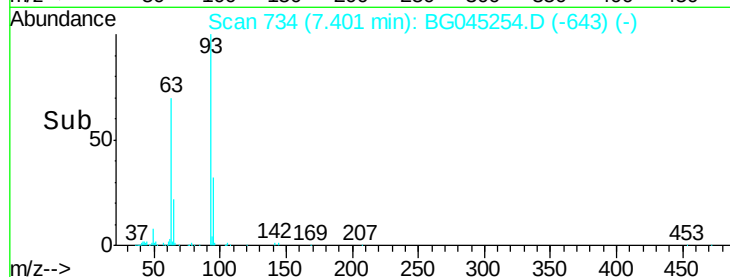
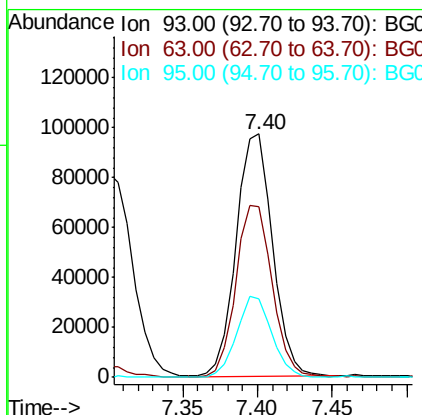
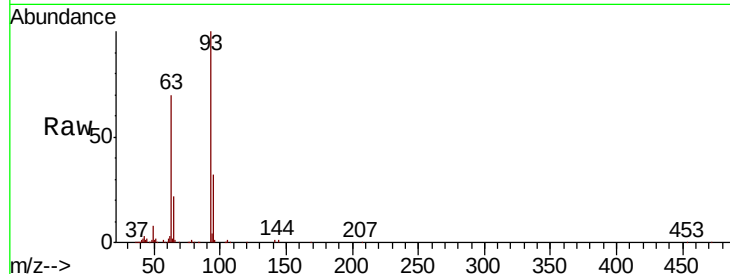
#11
bis(2-Chloroethyl)ether
Concen: 40.518 ng
RT: 7.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.9	51.8	91.8
95	32.4	13.8	53.8

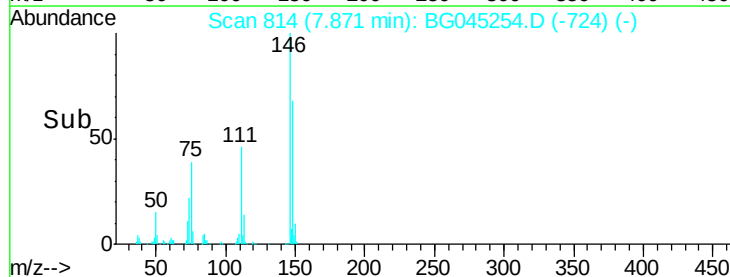
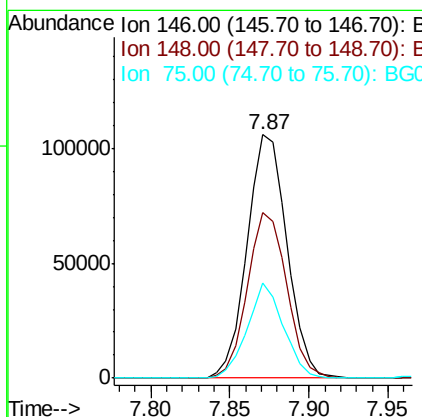
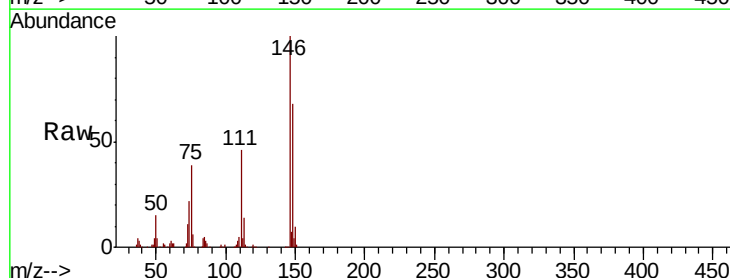
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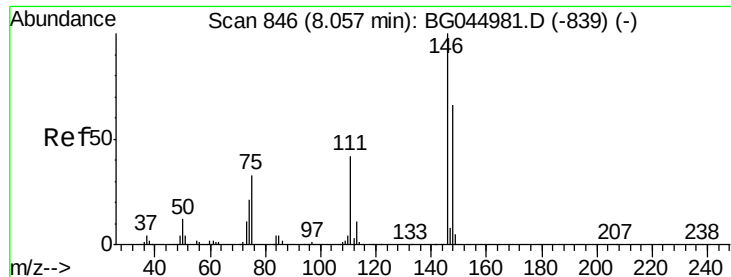
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.000 ng m
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	54.6	81.8
75	39.3	26.0	39.0





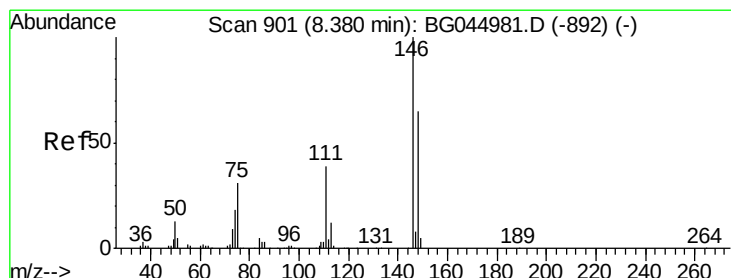
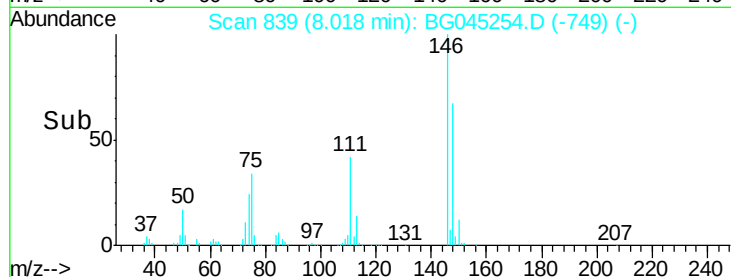
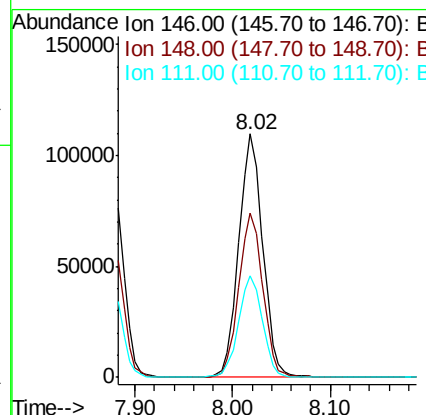
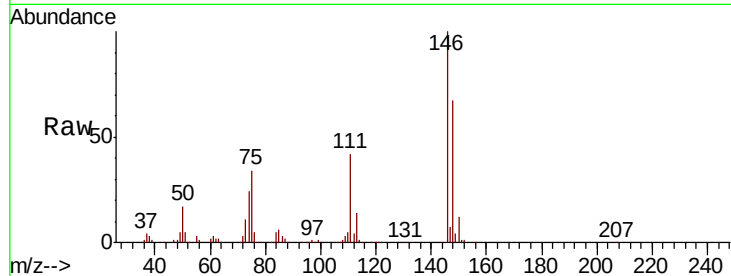
#13
 1,4-Dichlorobenzene
 Concen: 43.511 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 PB128675BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.5	53.3	79.9
111	41.5	33.8	50.8

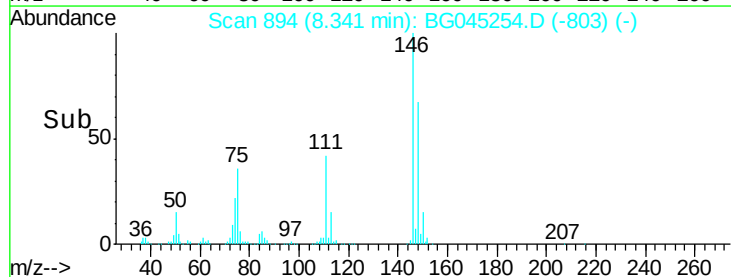
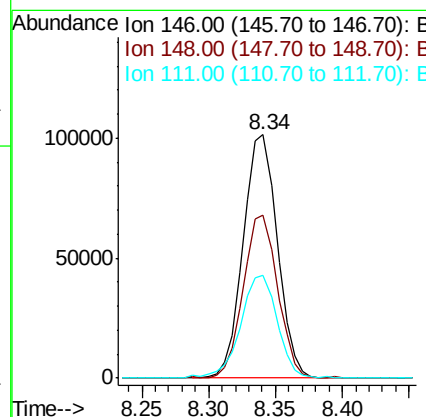
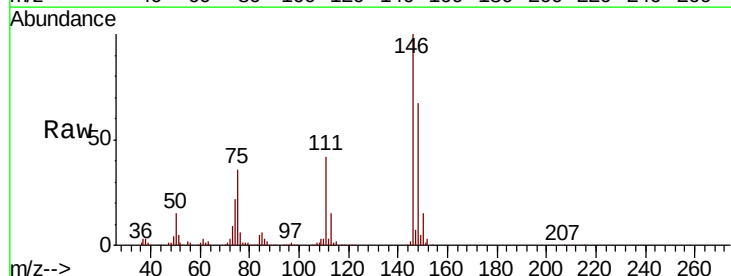
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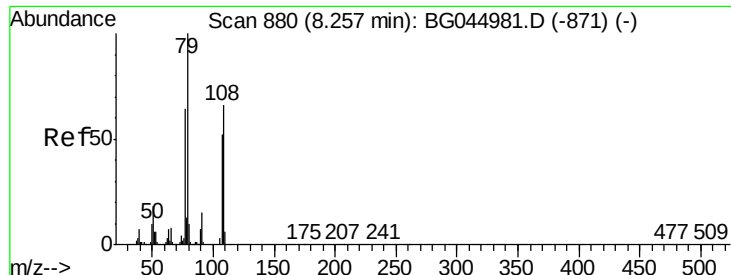
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#14
 1,2-Dichlorobenzene
 Concen: 43.525 ng
 RT: 8.34 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.9	77.9
111	42.4	31.3	46.9





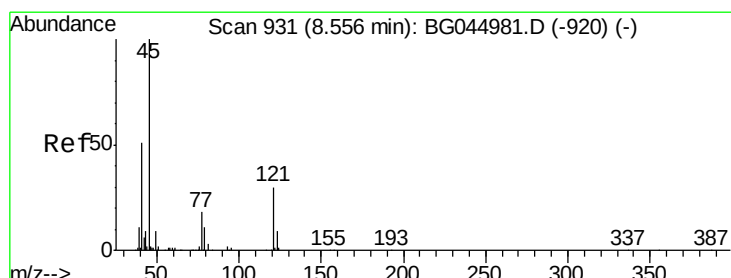
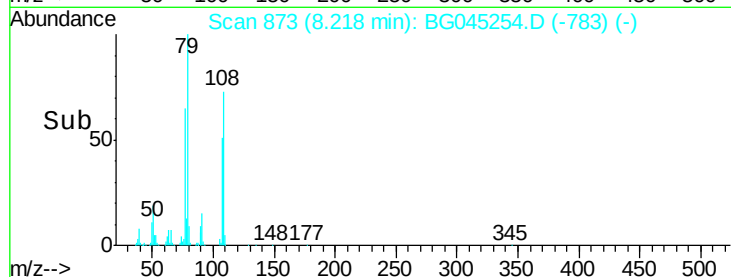
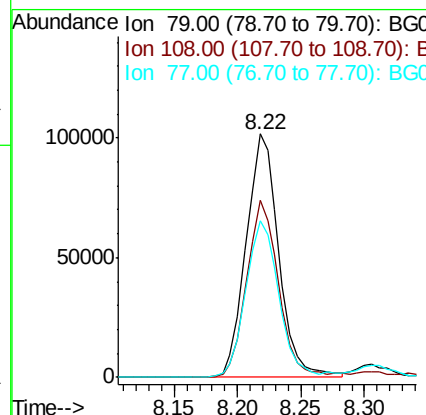
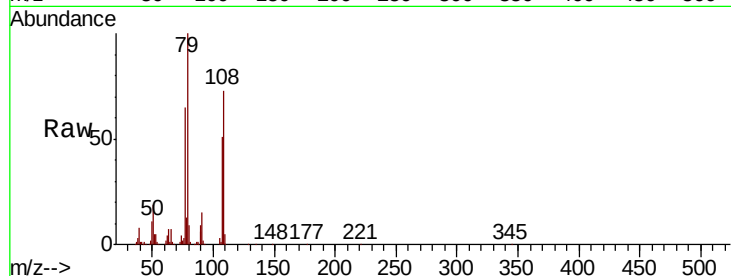
#15
Benzyl Alcohol
Concen: 42.658 ng
RT: 8.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampled :
PB128675BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.8	52.7	79.1
77	64.5	51.3	76.9

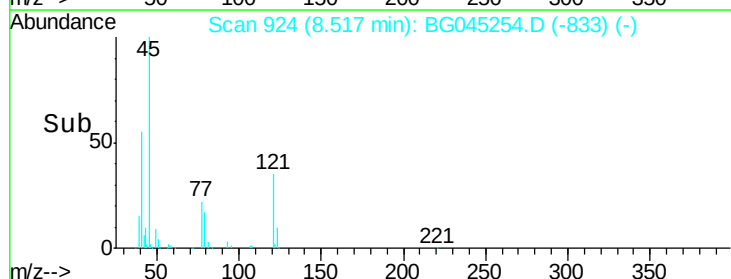
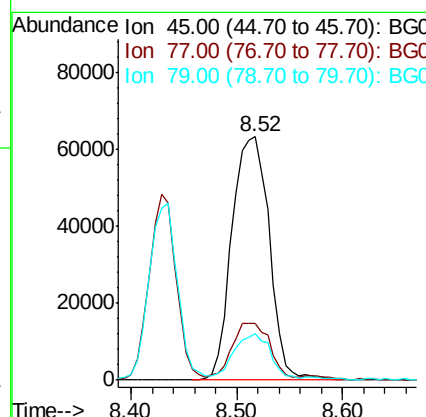
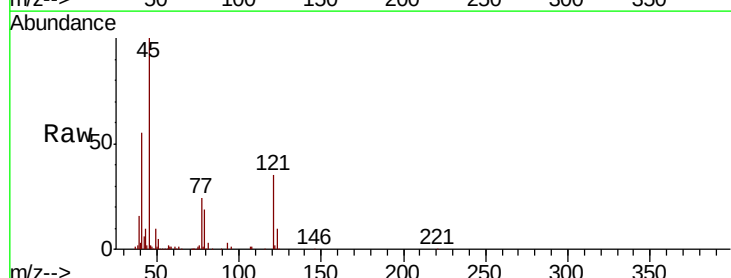
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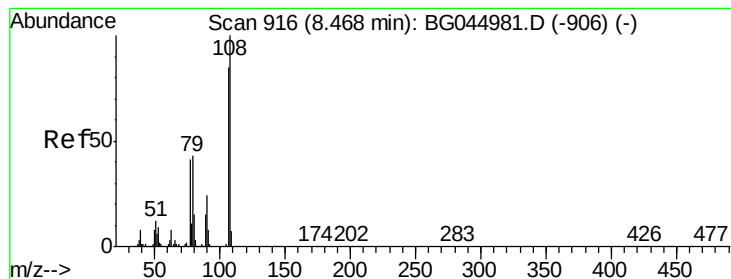
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.033 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.6	1.9	41.9
79	19.2	0.0	35.5





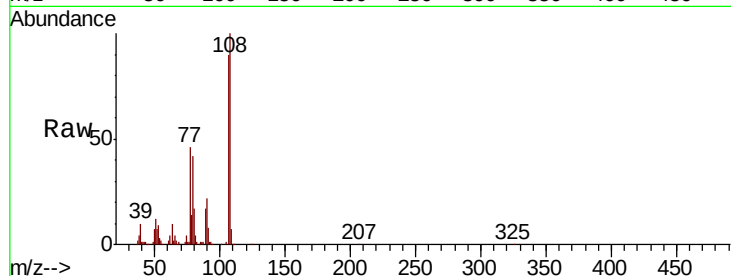
#17
2-Methylphenol
Concen: 42.092 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	93.8	140.6	
77	50.9	38.5	57.7	
79	46.9	40.1	60.1	

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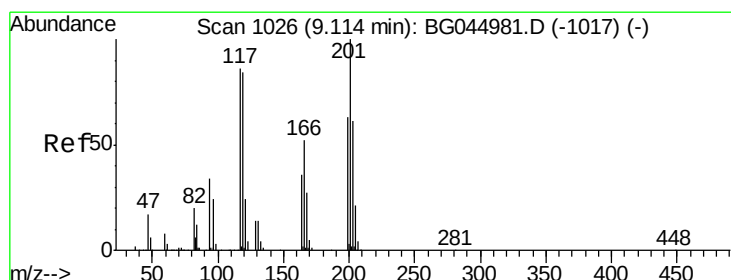
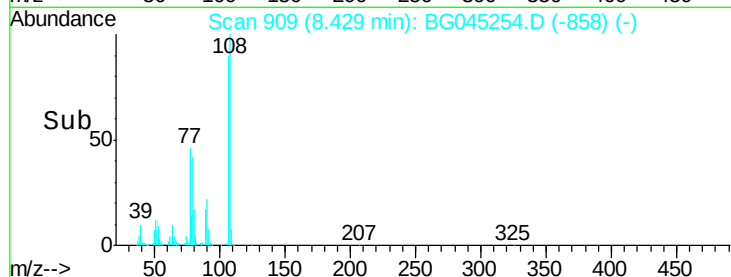
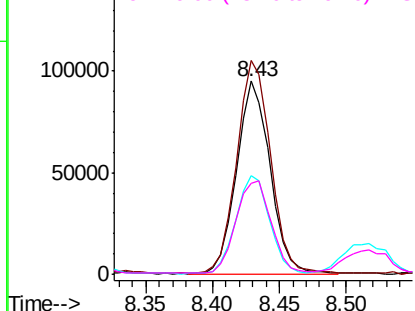
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

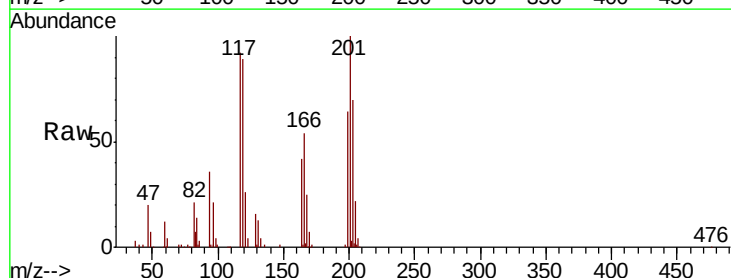
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 44.769 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	78.3	117.5	
201	108.6	92.9	139.3	

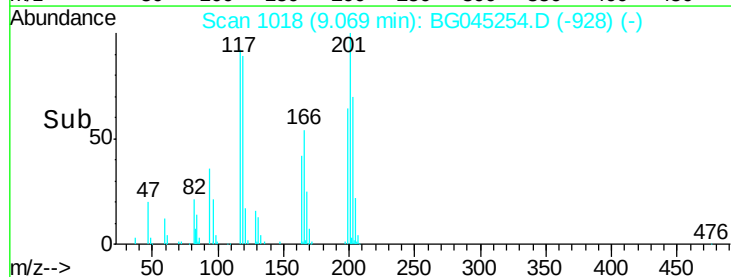
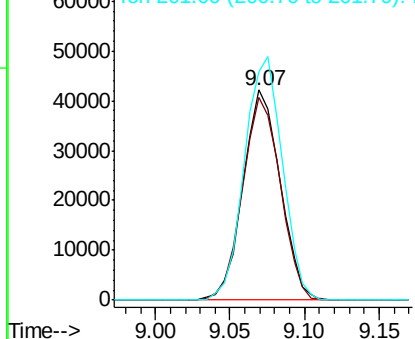


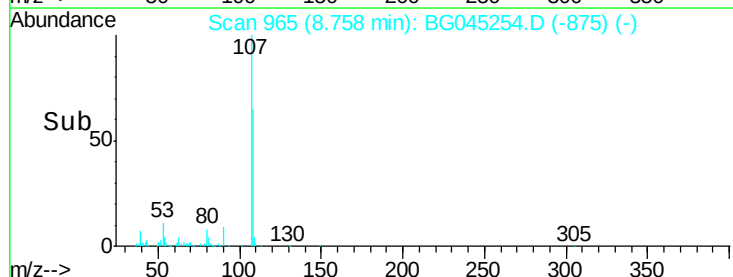
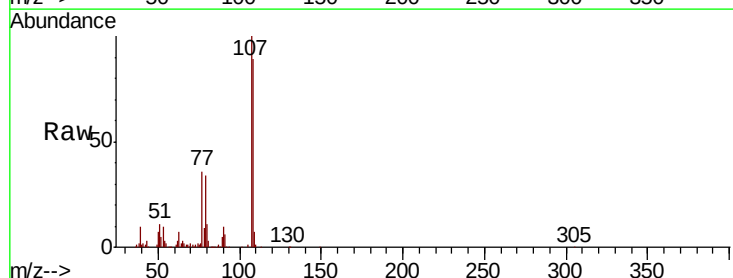
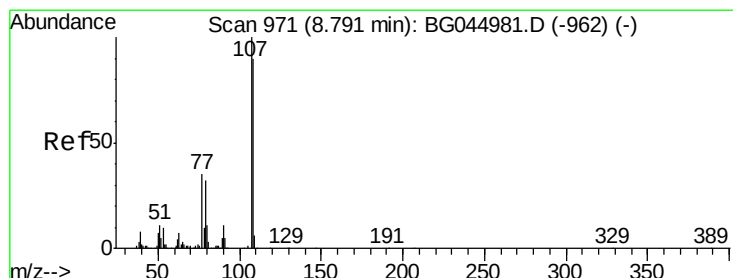
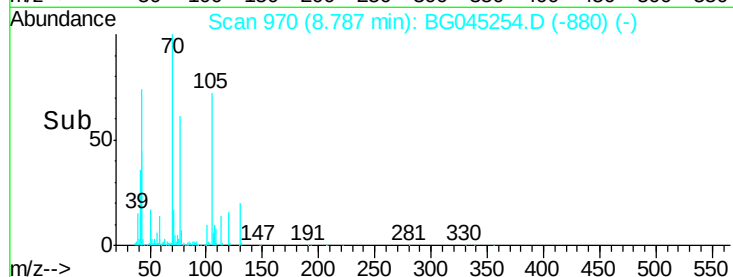
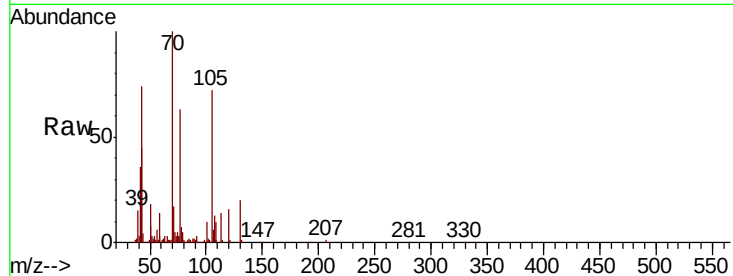
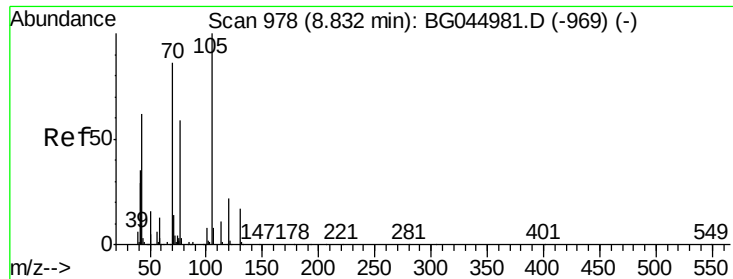
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

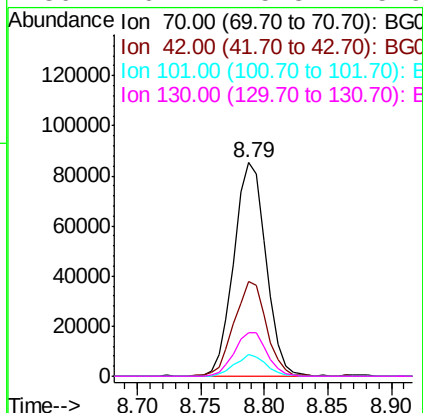
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 41.668 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.7	33.3	49.9	
101	10.0	7.8	11.8	
130	20.2	15.8	23.6	



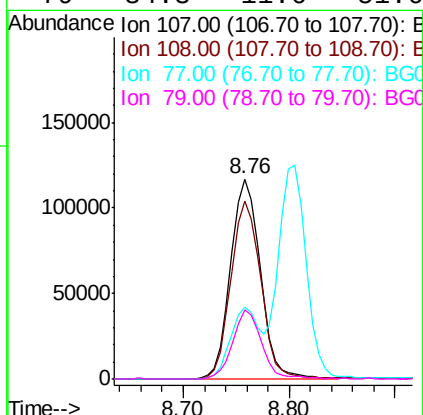
Instrument :
BNA_G
ClientSampleId :
PB128675BS

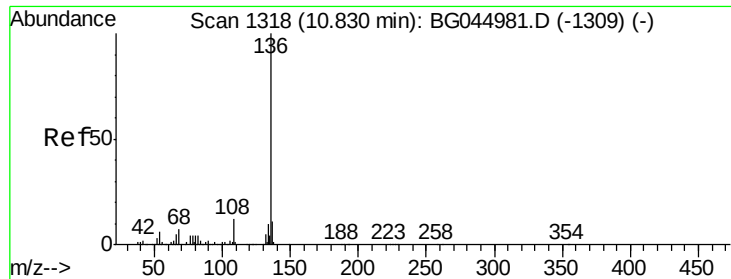
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#20
3+4-Methylphenols
Concen: 41.736 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	69.9	109.9	
77	35.5	15.2	55.2	
79	34.3	11.6	51.6	





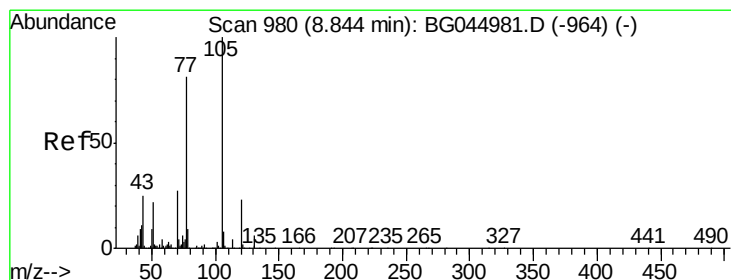
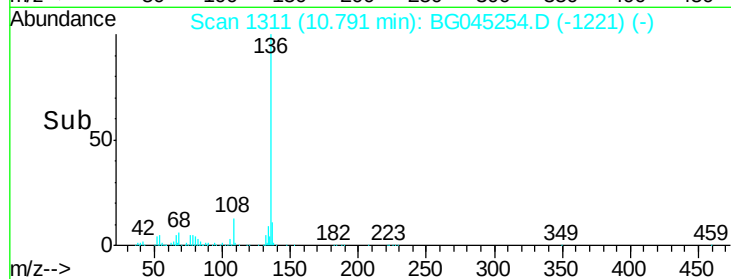
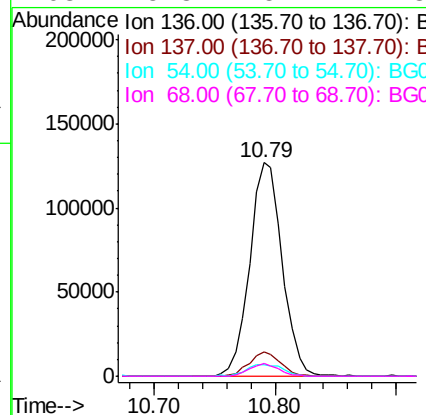
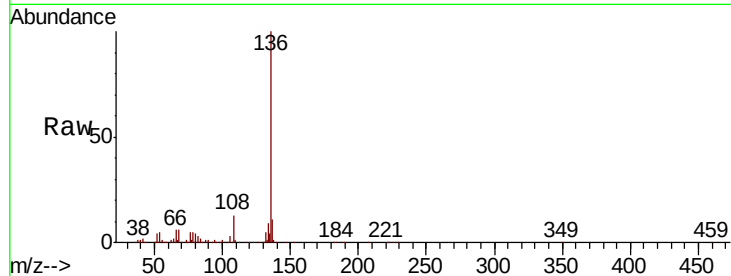
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.6	13.0	
54	5.5	4.8	7.2	
68	5.8	5.2	7.8	

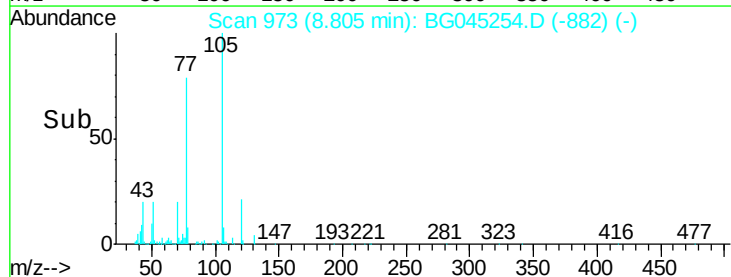
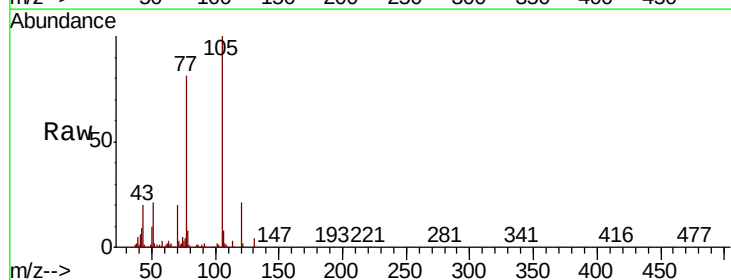
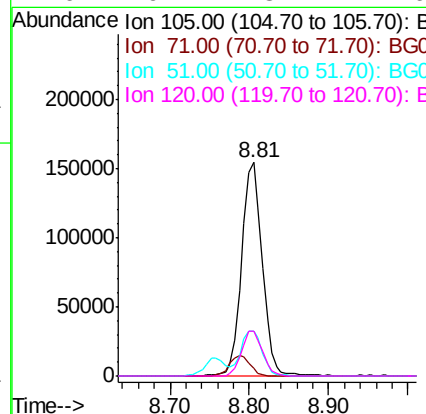
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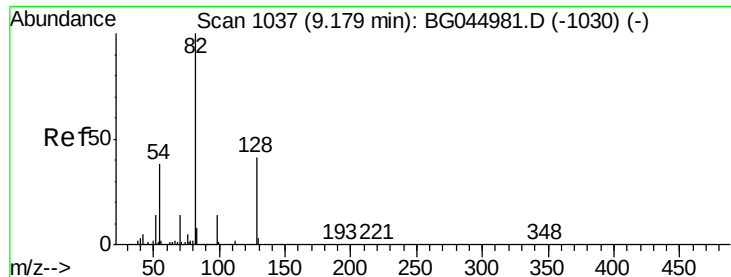
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#22
Acetophenone
Concen: 43.545 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.5	3.3	4.9	
51	20.9	17.3	25.9	
120	20.7	18.4	27.6	





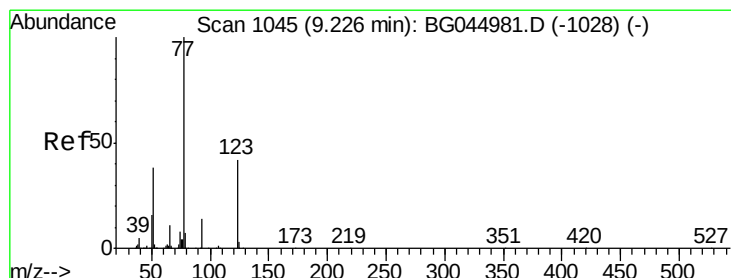
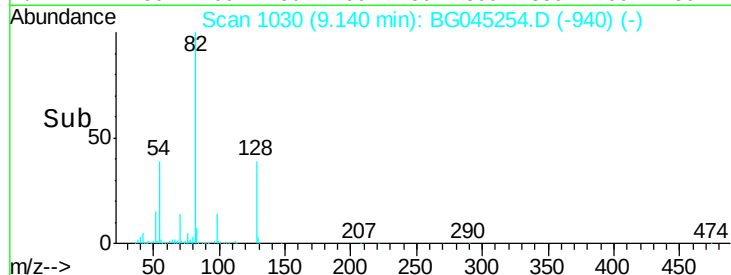
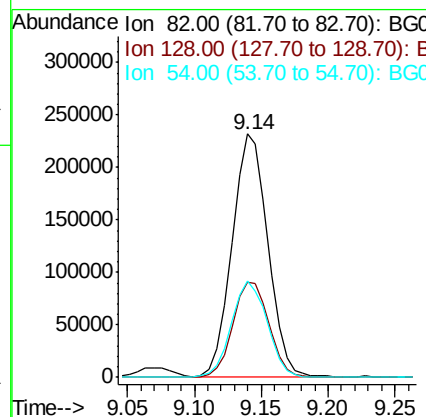
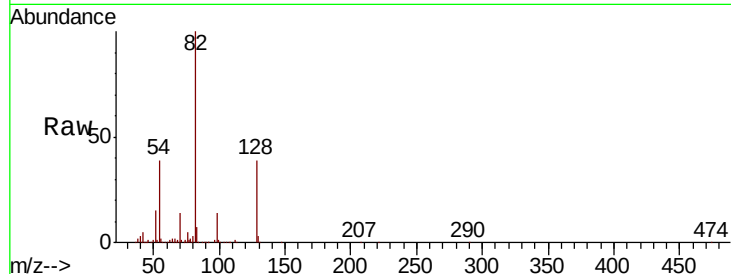
#23
 Nitrobenzene-d5
 Concen: 82.940 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128675BS

Tot Ion	82	Resp	430914
Ion Ratio	100	Lower	Upper
82	100		
128	39.3	33.0	49.4
54	39.4	30.4	45.6

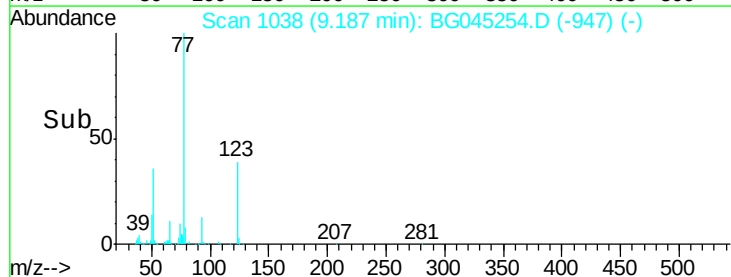
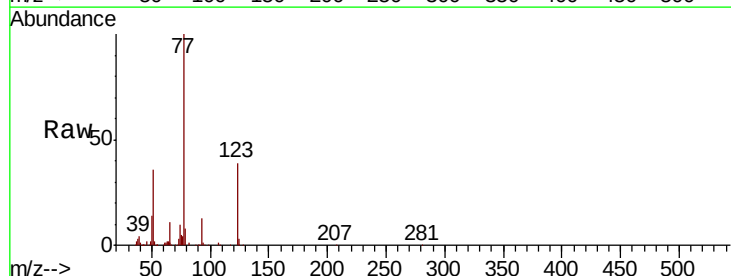
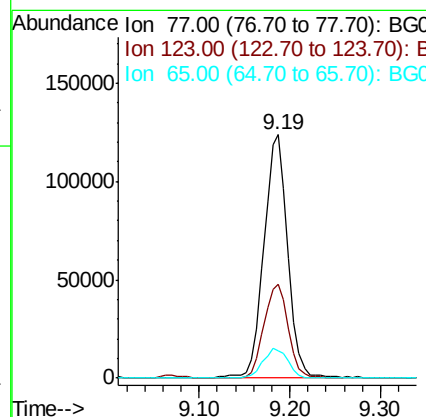
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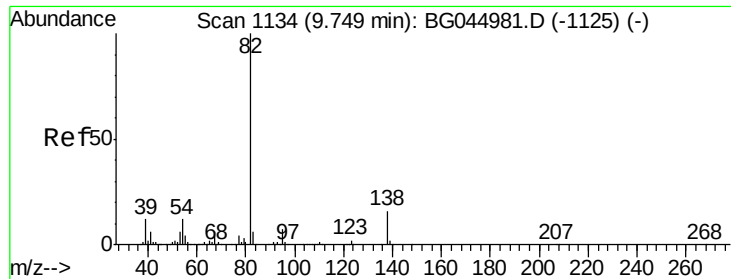
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#24
 Nitrobenzene
 Concen: 42.127 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Tgt Ion	77	Resp	224353
Ion Ratio	100	Lower	Upper
77	100		
123	38.7	34.3	51.5
65	11.3	8.9	13.3





#25

Isophorone

Concen: 41.071 ng

RT: 9.71 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

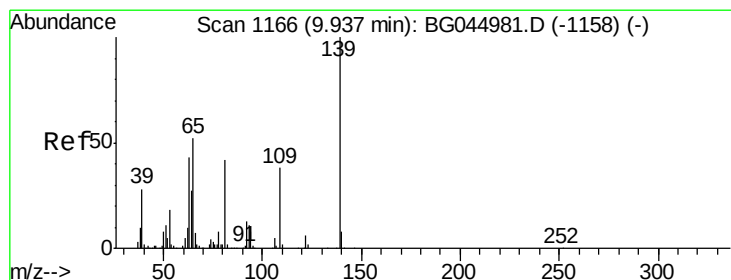
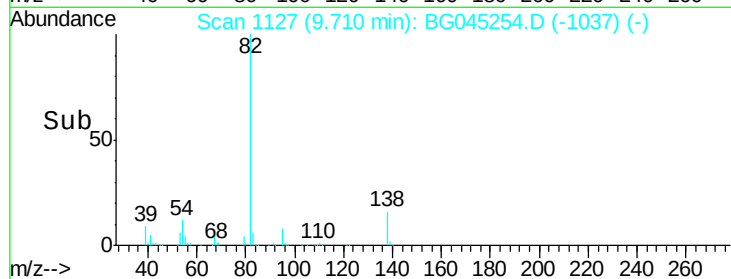
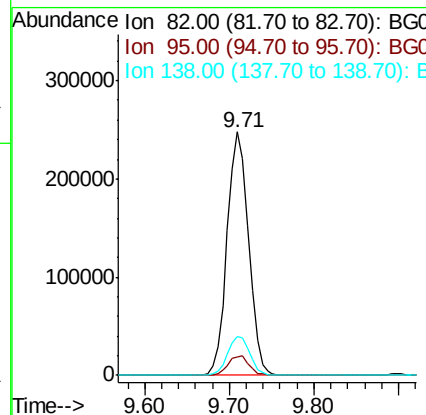
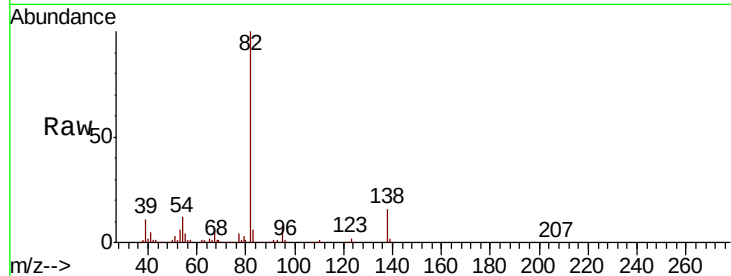
ClientSampleId :

PB128675BS

Tot Ion:	82	Resp:	436981
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.0	9.0
138	16.1	12.7	19.1

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#26

2-Nitrophenol

Concen: 45.459 ng

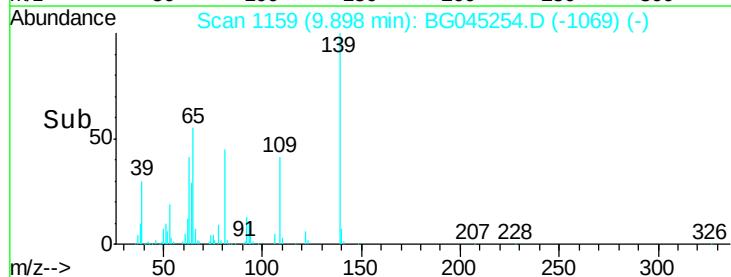
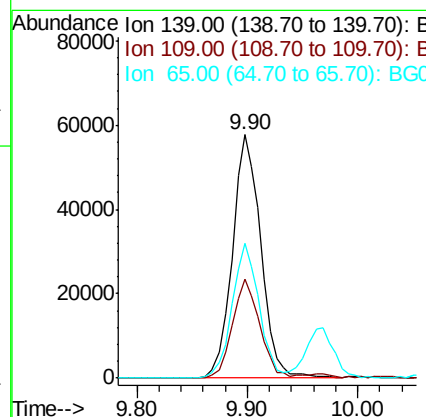
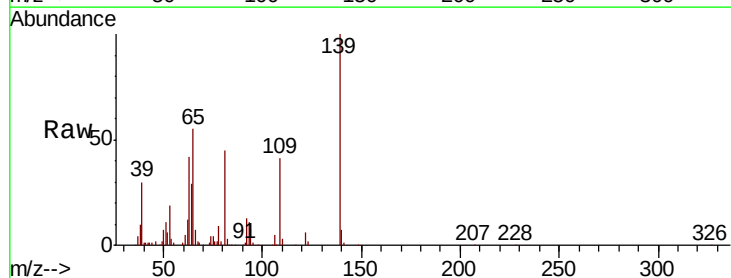
RT: 9.90 min Scan# 1159

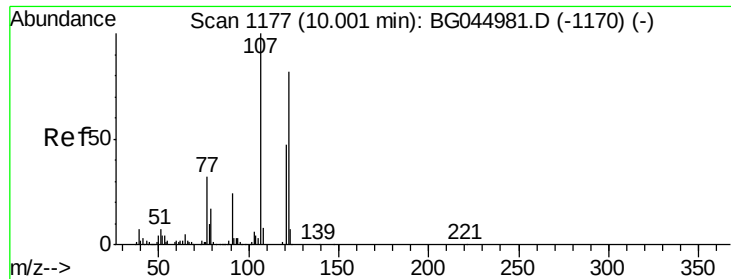
Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion:	139	Resp:	104282
Ion Ratio	Lower	Upper	
139	100		
109	40.6	30.6	45.8
65	55.3	41.8	62.6





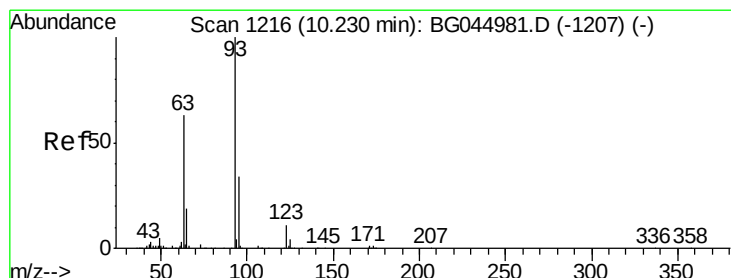
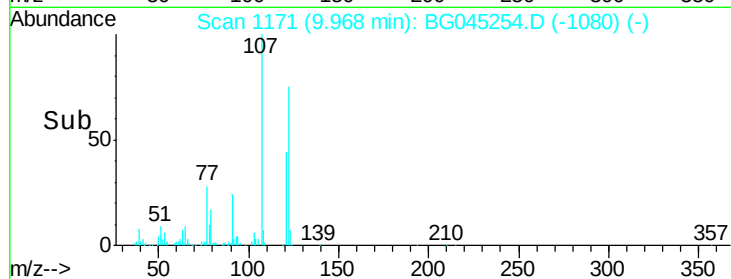
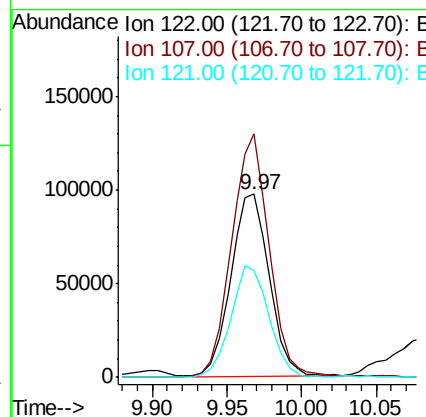
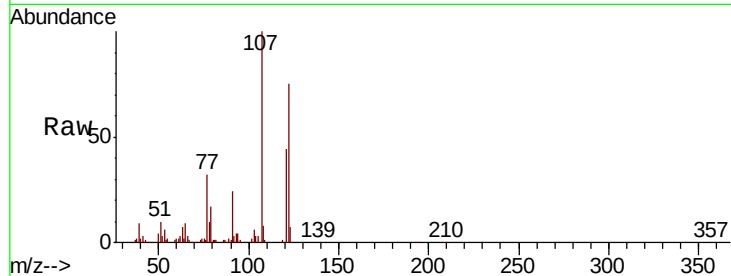
#27
2,4-Dimethylphenol
Concen: 48.245 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	175608		
107	133.1	96.8	145.2	
121	58.6	45.6	68.4	

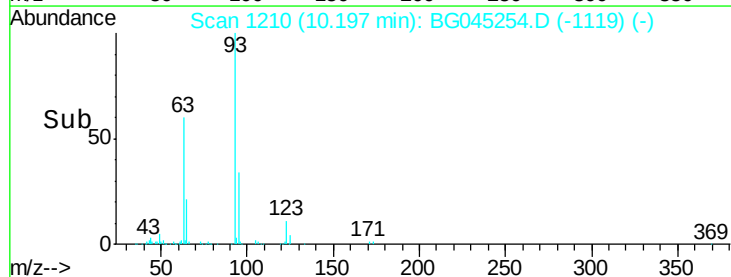
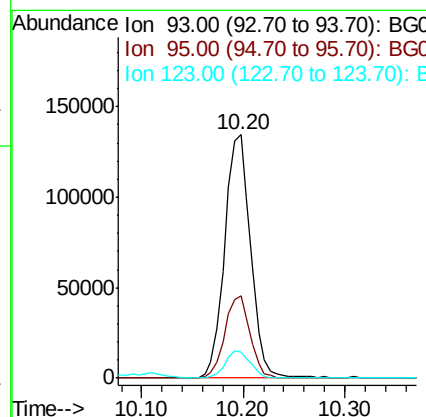
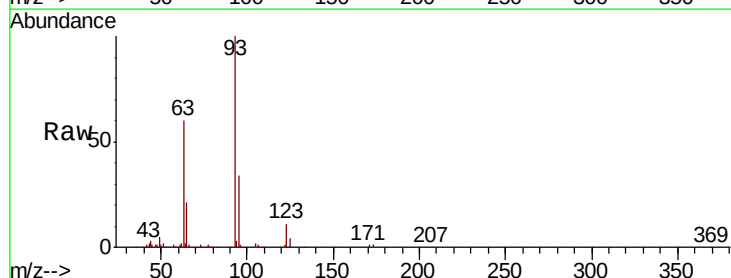
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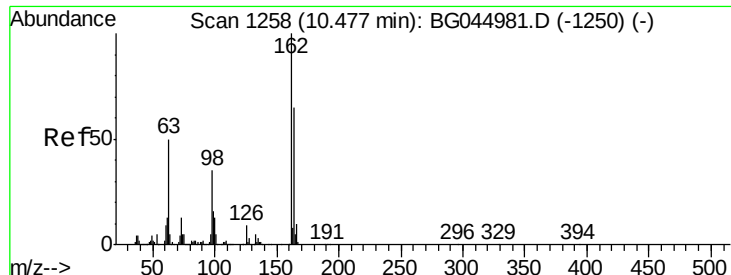
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.874 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	239677		
95	33.9	27.0	40.4	
123	10.8	8.7	13.1	





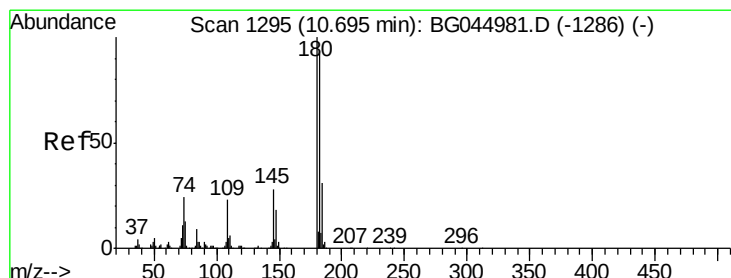
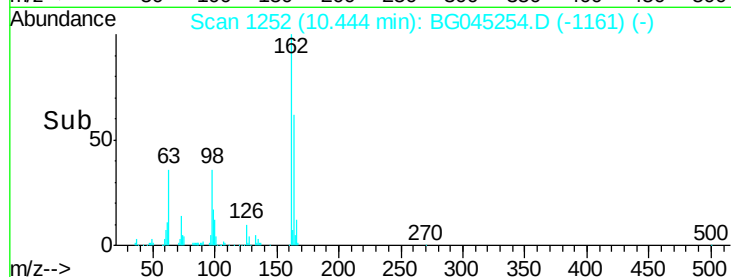
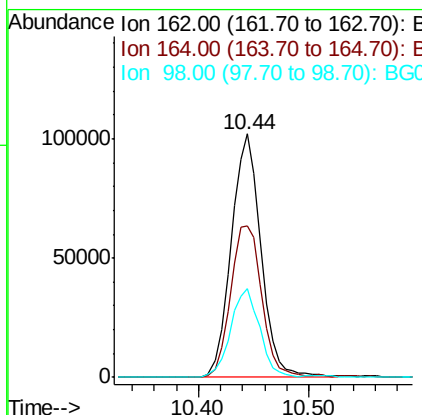
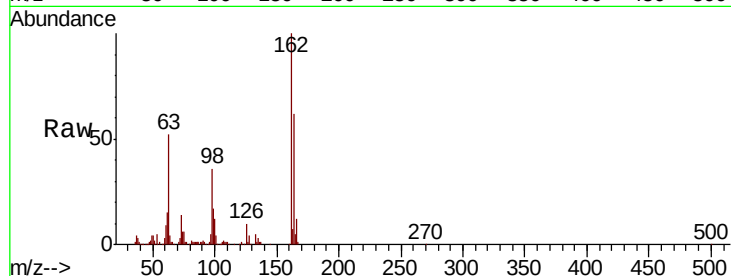
#29
 2,4-Dichlorophenol
 Concen: 45.920 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Instrument :
 BNA_G
 ClientSampled :
 PB128675BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.3	45.0	85.0
98	36.4	15.2	55.2

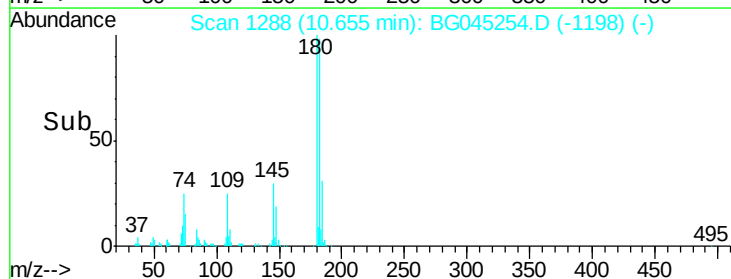
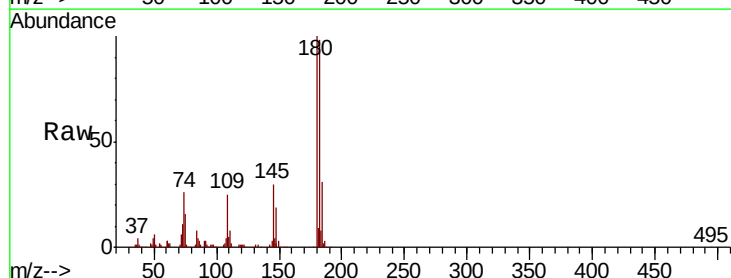
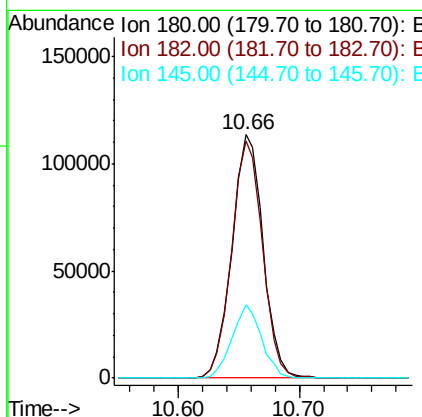
Manual Integrations
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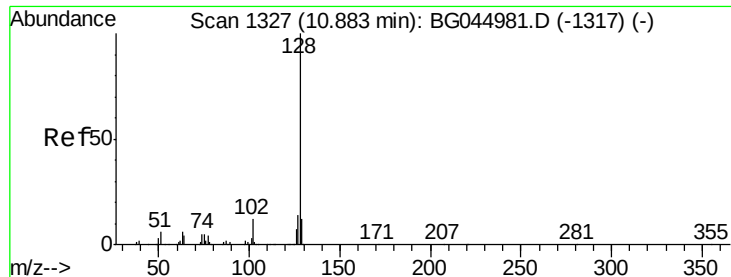
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.664 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.6	73.3	109.9
145	30.1	22.6	33.8





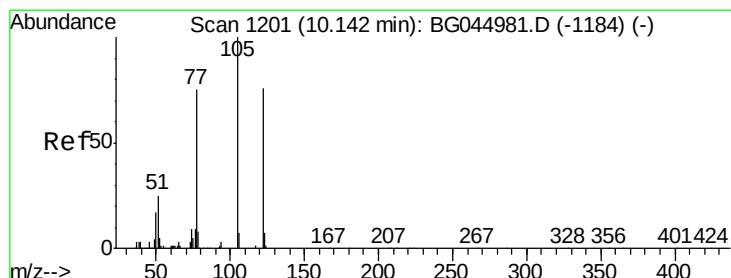
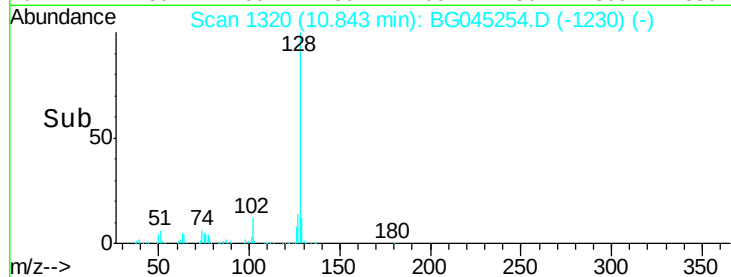
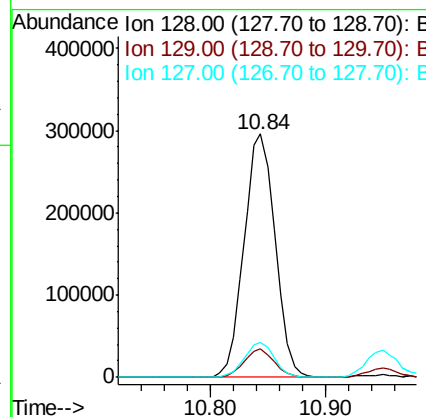
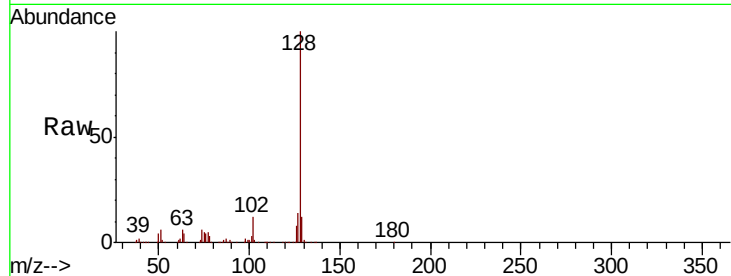
#31
Naphthalene
Concen: 42.742 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	554297		
129	11.6		9.4	14.2
127	14.2		10.8	16.2

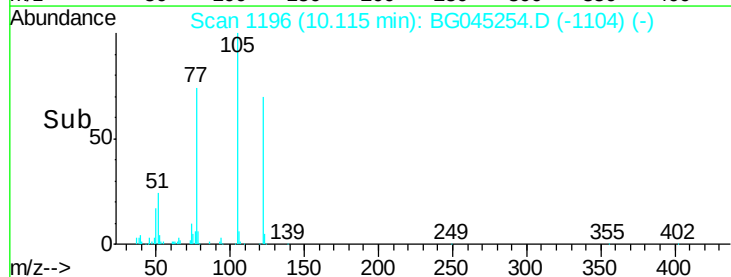
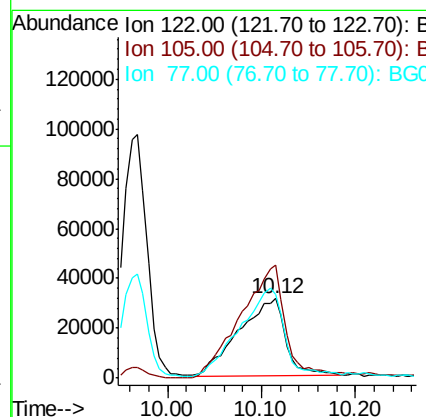
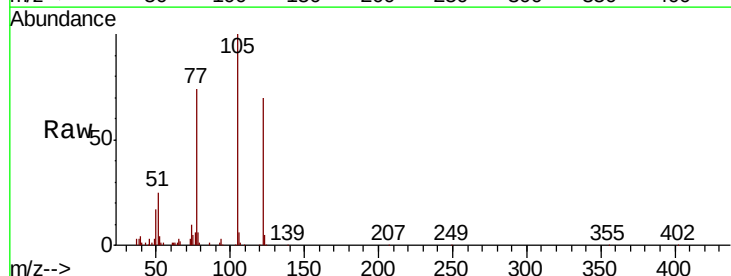
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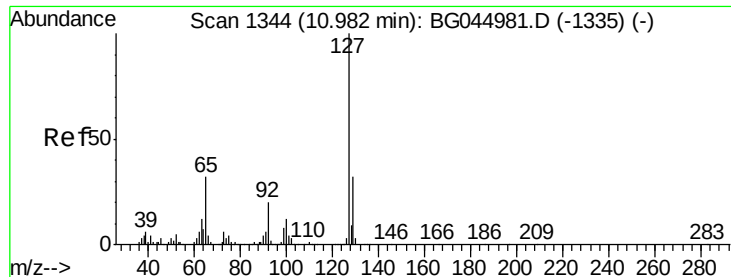
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#32
Benzoic acid
Concen: 38.069 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	107468		
105	142.1		108.4	148.4
77	105.8		78.8	118.8





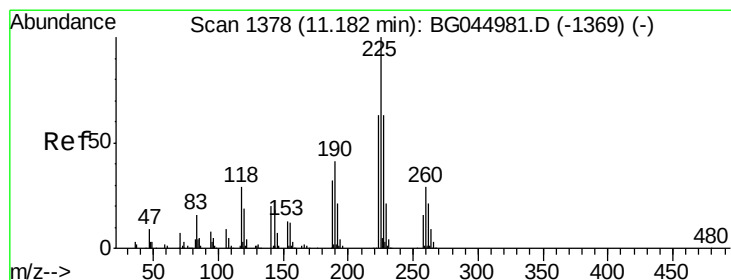
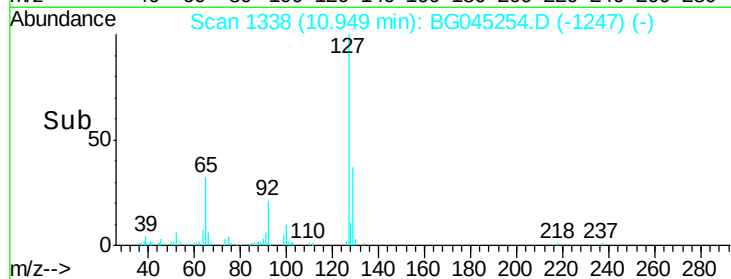
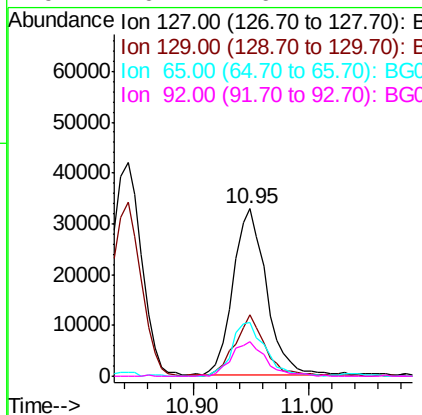
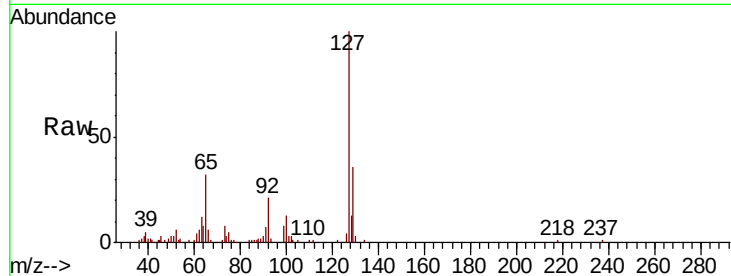
#33
4-Chloroaniline
Concen: 10.906 ng
RT: 10.95 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.3	25.7	38.5
65	32.1	25.4	38.2
92	20.7	16.1	24.1

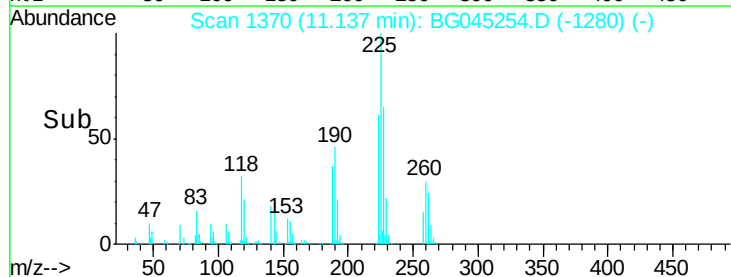
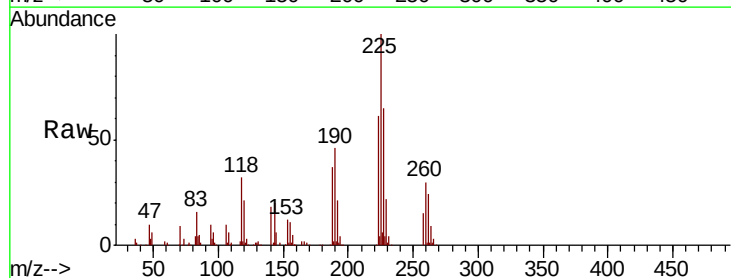
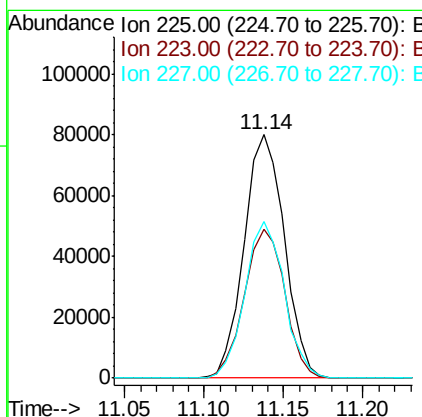
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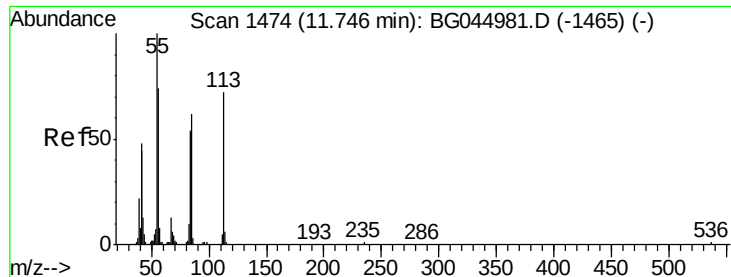
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#34
Hexachlorobutadiene
Concen: 43.332 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.7	76.1
227	64.5	50.2	75.2





#35

Caprolactam

Concen: 44.108 ng/ml

RT: 11.71 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

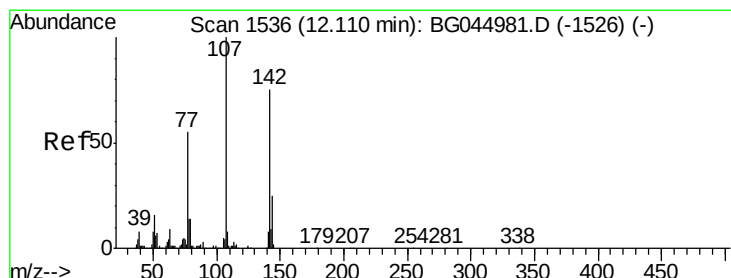
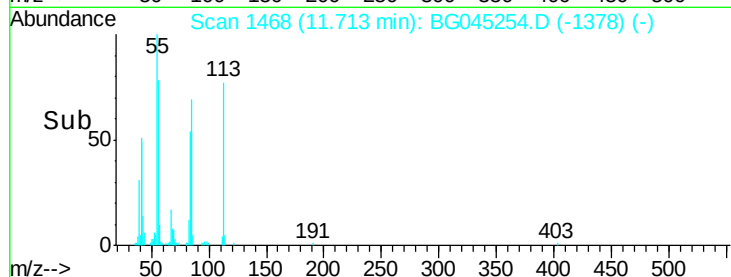
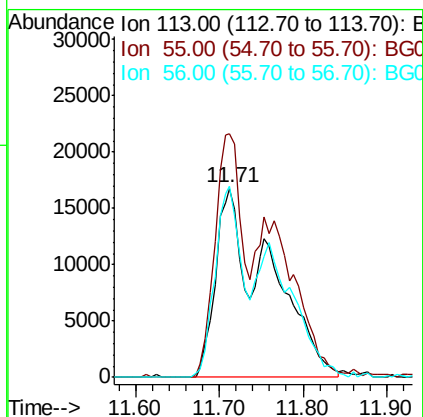
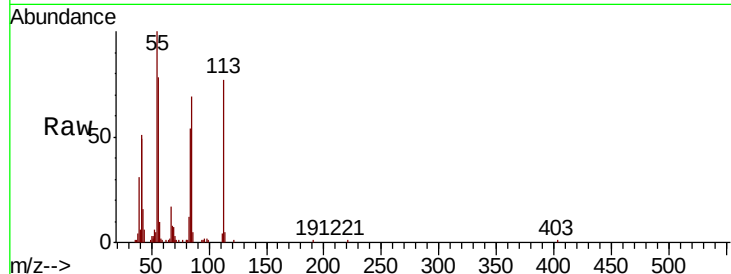
ClientSampleId :

PB128675BS

Tot Ion:	113	Resp:	73781
Ion Ratio	Lower	Upper	
113	100		
55	129.0	118.8	158.8
56	101.1	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 46.010 ng/ml

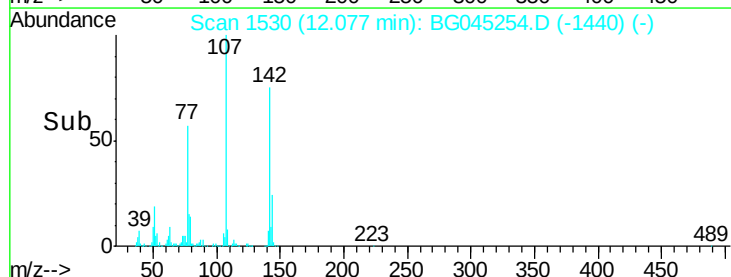
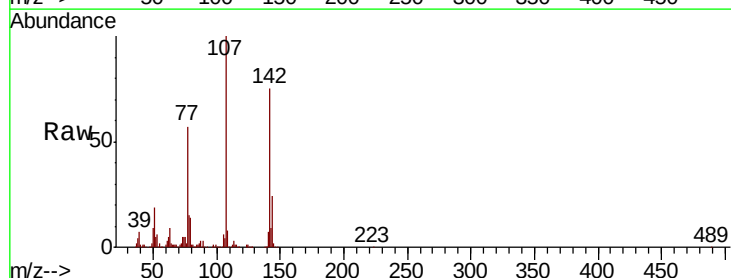
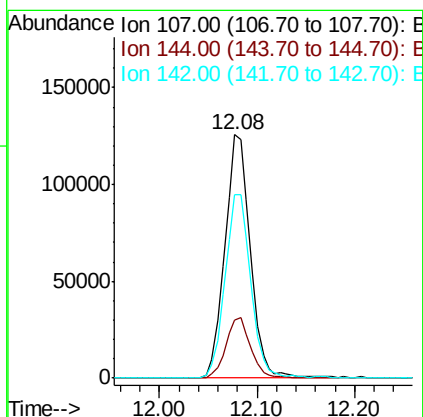
RT: 12.08 min Scan# 1530

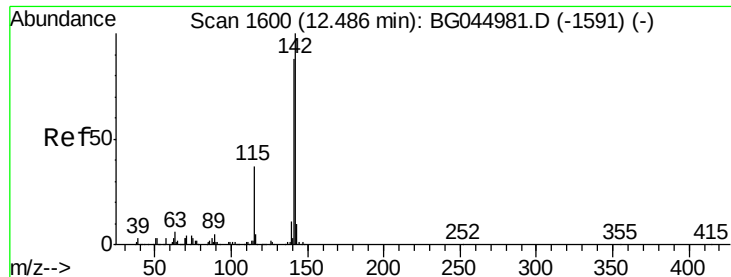
Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion:	107	Resp:	227167
Ion Ratio	Lower	Upper	
107	100		
144	23.7	19.8	29.6
142	75.5	59.7	89.5





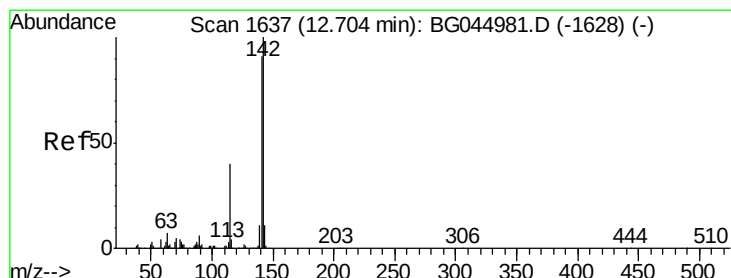
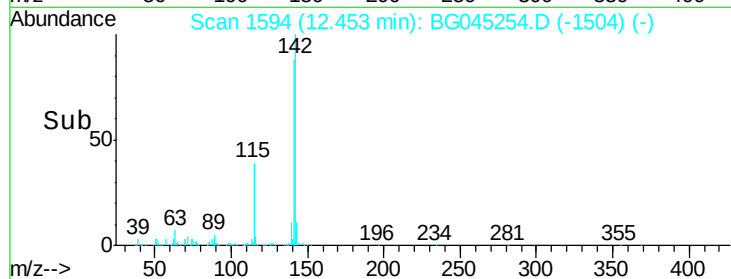
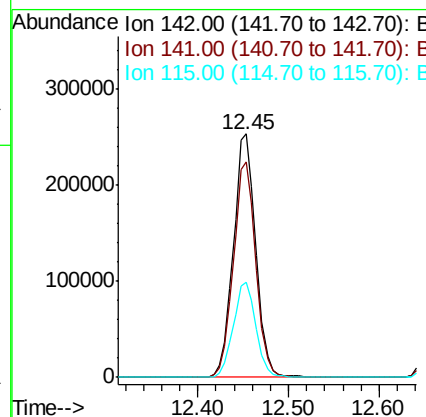
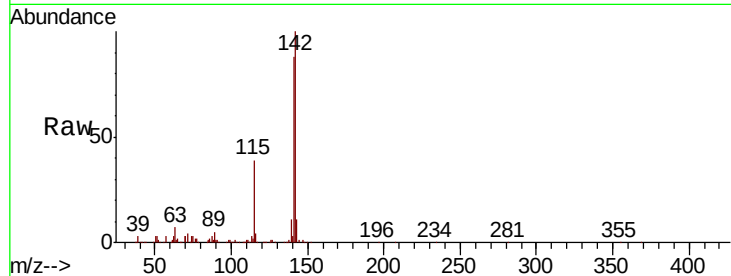
#37
2-Methylnaphthalene
Concen: 43.180 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	39.3	29.8	44.6

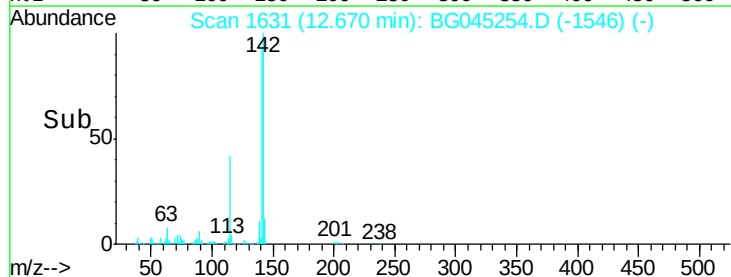
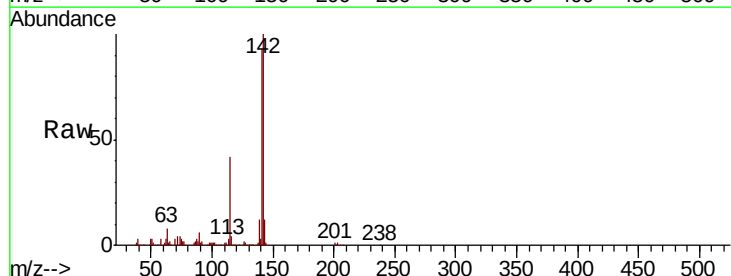
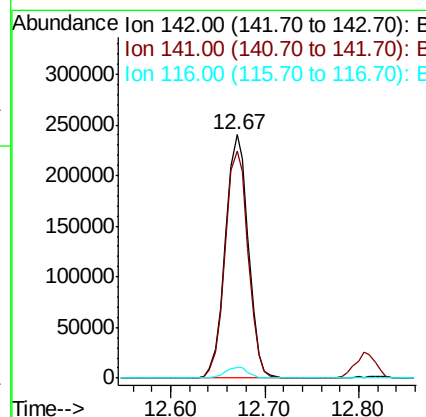
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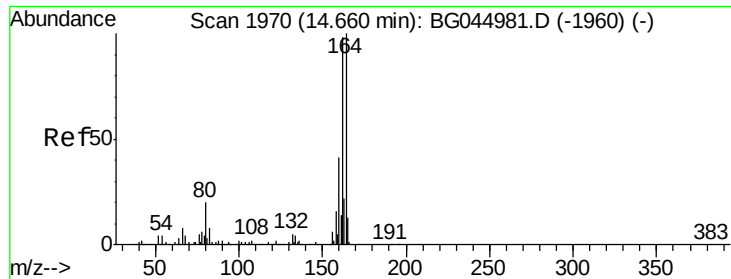
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#38
1-Methylnaphthalene
Concen: 43.198 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.7	109.1
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

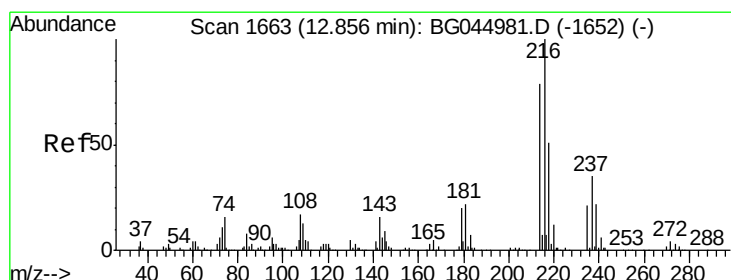
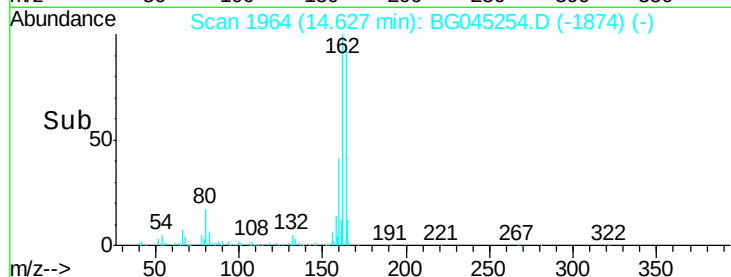
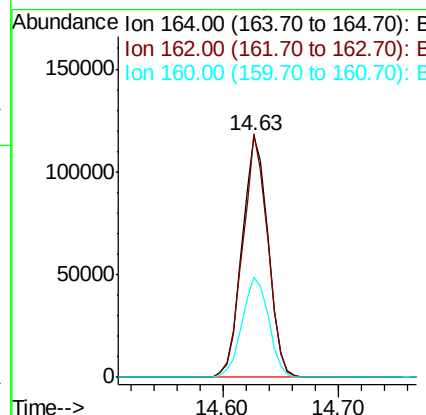
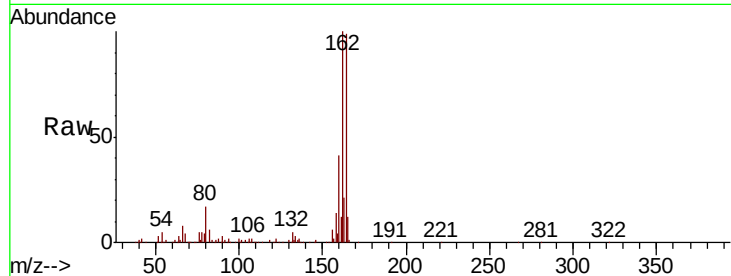
ClientSampleId :

PB128675BS

Tot Ion:	164	Resp:	182576
Ion Ratio	Lower	Upper	
164	100		
162	101.0	78.7	118.1
160	41.3	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.335 ng

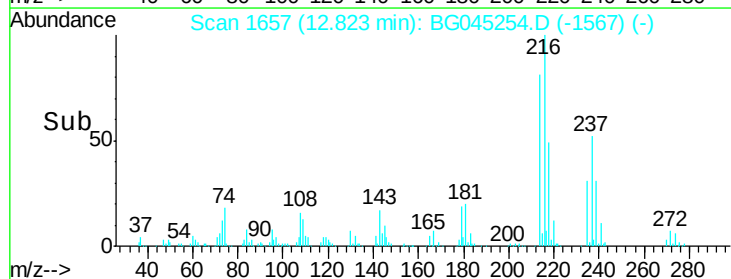
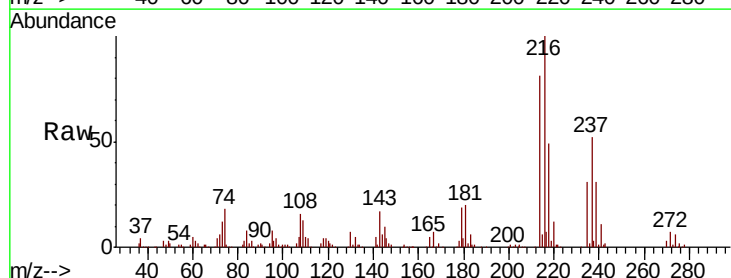
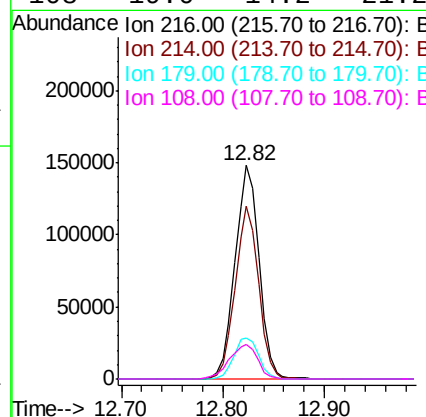
RT: 12.82 min Scan# 1657

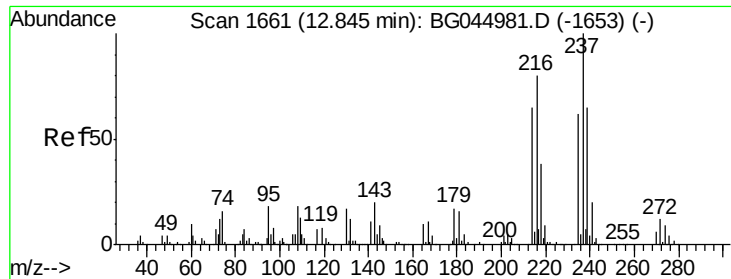
Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion:	216	Resp:	242986
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.6
179	20.1	15.8	23.8
108	19.0	14.2	21.2





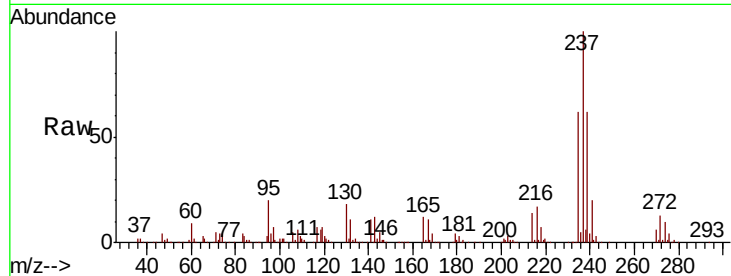
#41
Hexachlorocyclopentadiene
Concen: 97.001 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.3	41.6	81.6
272	13.2	0.0	32.1

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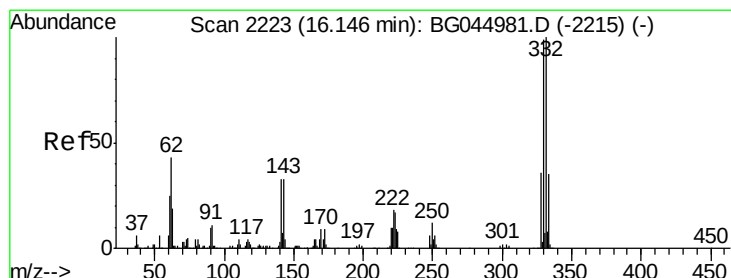
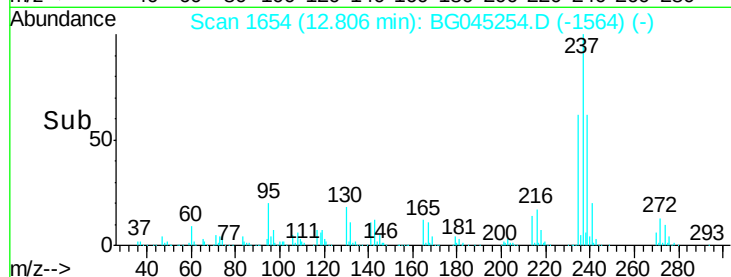
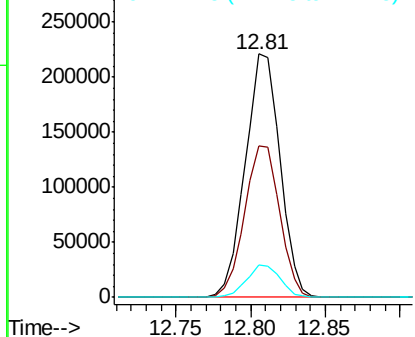


Abundance

Ion 236.80 (236.50 to 237.50): E

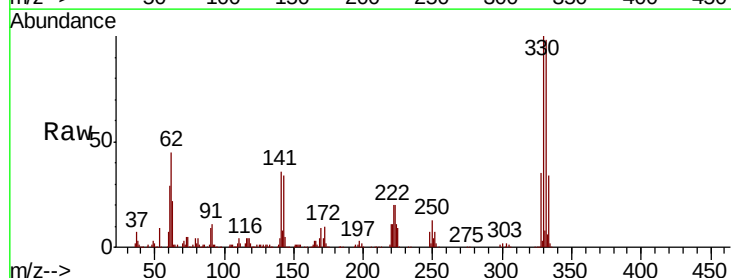
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 125.259 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	79.1	118.7
141	35.3	27.1	40.7

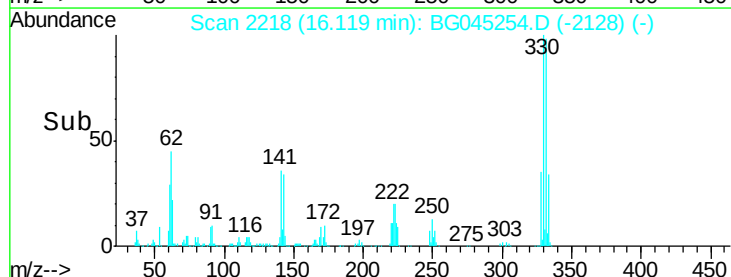
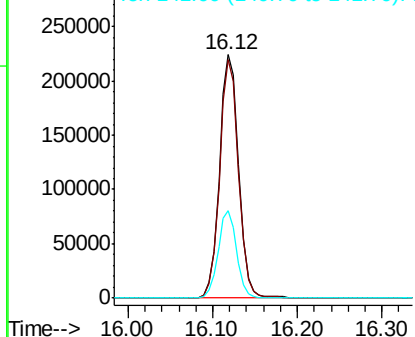


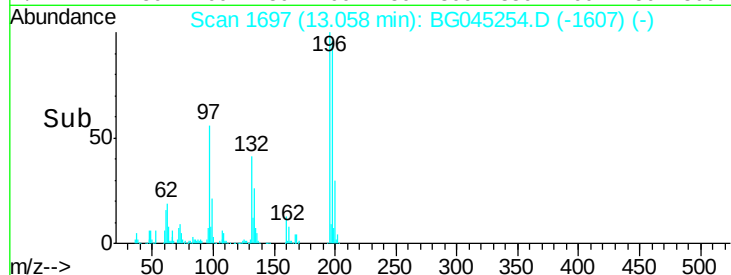
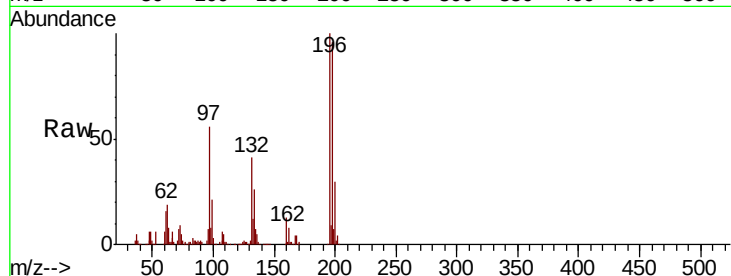
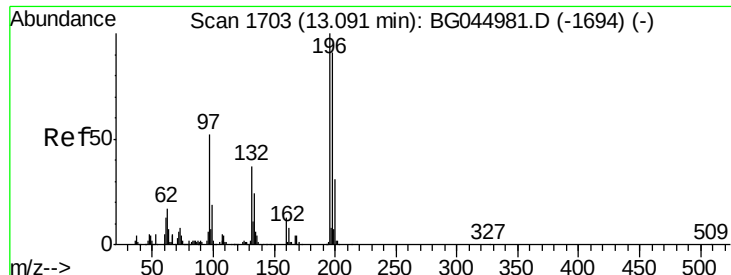
Abundance

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





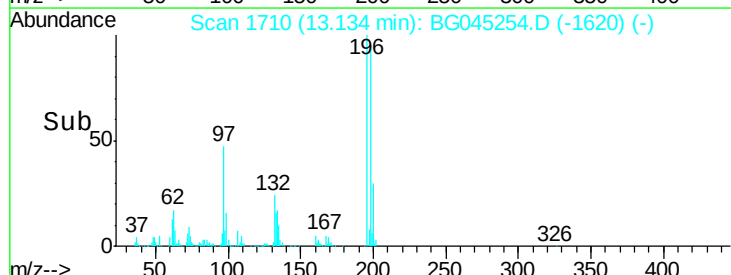
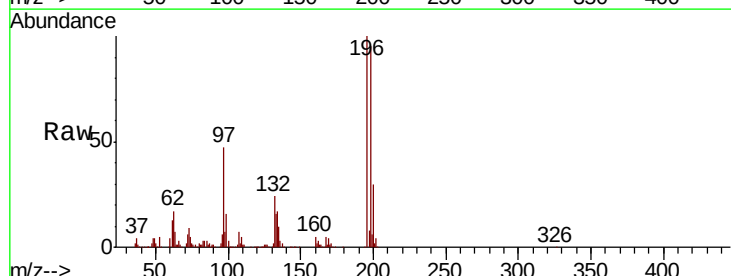
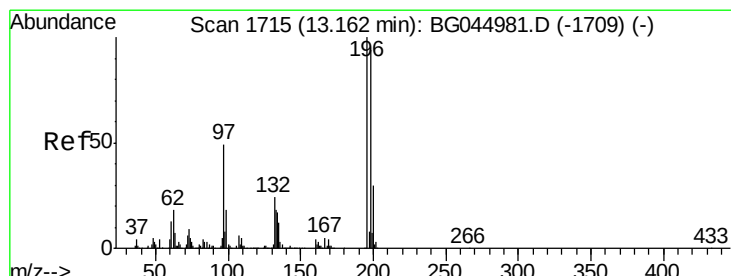
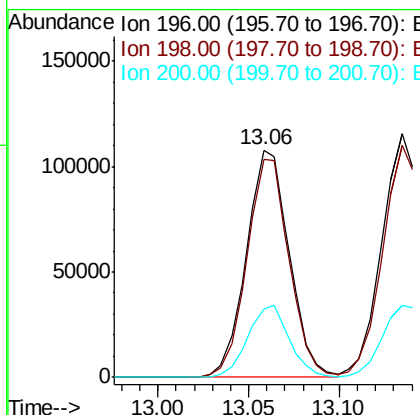
#43
2,4,6-Trichlorophenol
Concen: 42.624 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tot Ion	Ratio	Resp	Lower	Upper
196	100	176838		
198	95.7	72.5	108.7	
200	30.1	24.5	36.7	

Instrument :
BNA_G
ClientSampleId :
PB128675BS

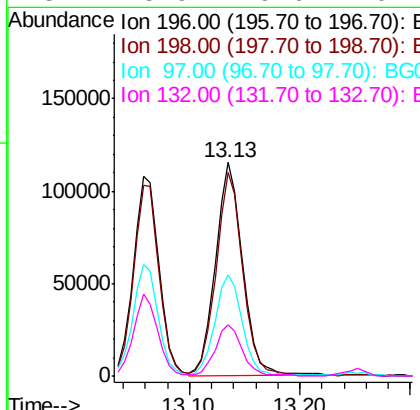
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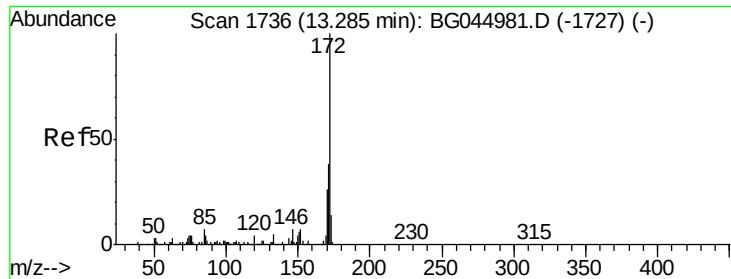
Sohil
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#44
2,4,5-Trichlorophenol
Concen: 41.455 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195770		
198	95.2	75.7	113.5	
97	47.3	39.6	59.4	
132	23.9	19.6	29.4	





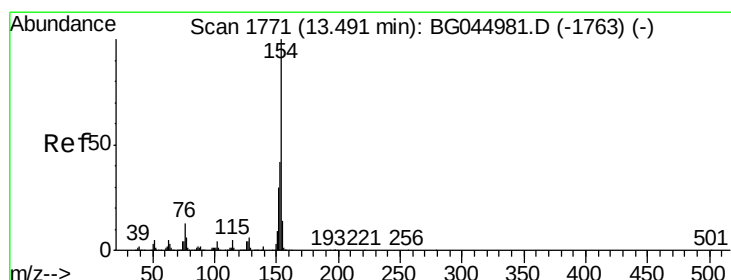
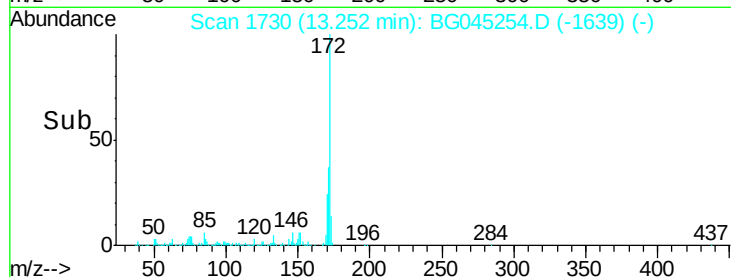
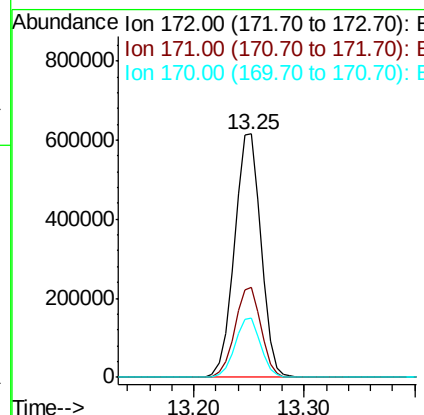
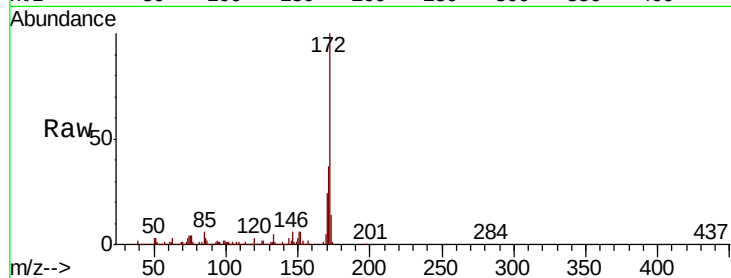
#45
2-Fluorobiphenyl
Concen: 83.323 ng
RT: 13.25 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.2	20.5	30.7

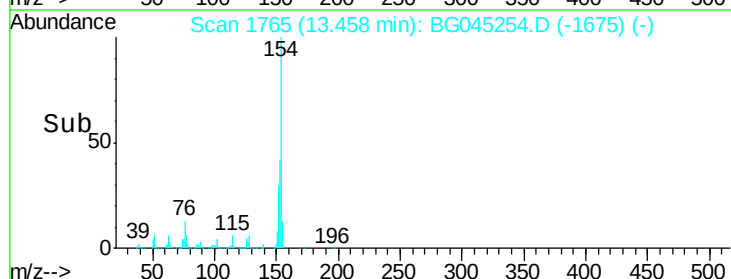
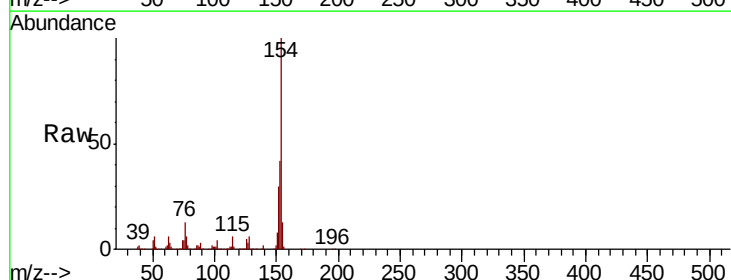
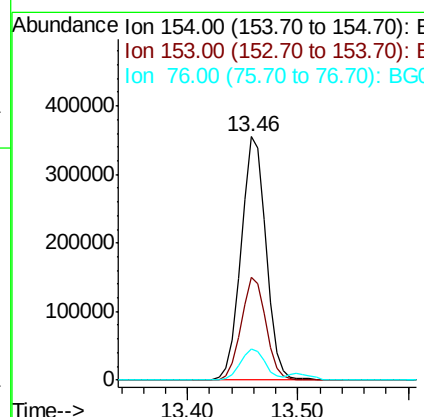
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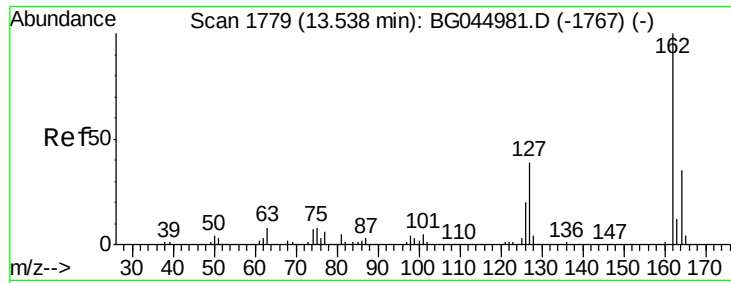
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#46
1,1'-Biphenyl
Concen: 40.663 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.9	61.9
76	13.0	0.0	33.1





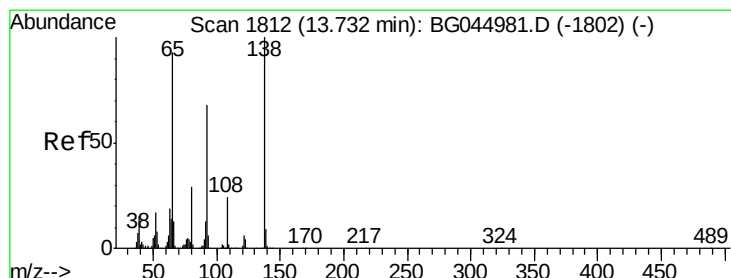
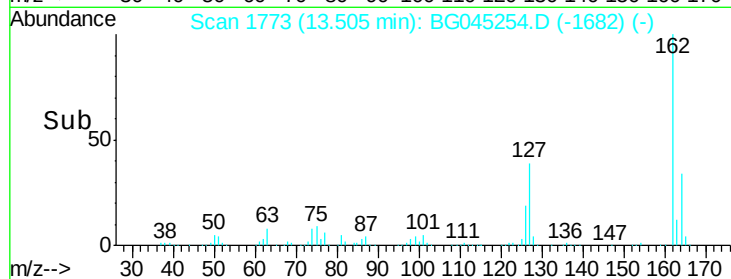
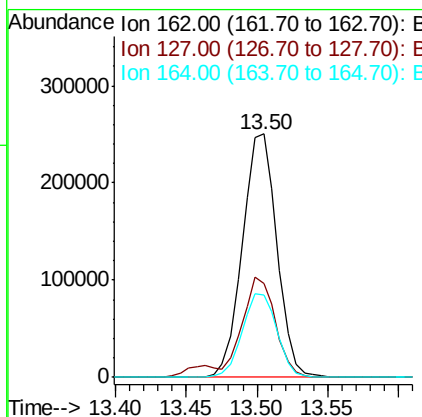
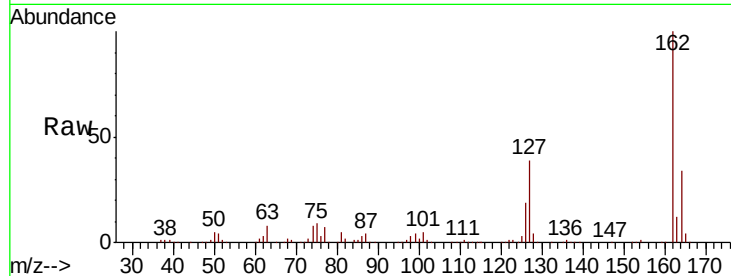
#47
 2-Chloronaphthalene
 Concen: 40.370 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128675BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.3	46.9
164	33.8	27.8	41.8

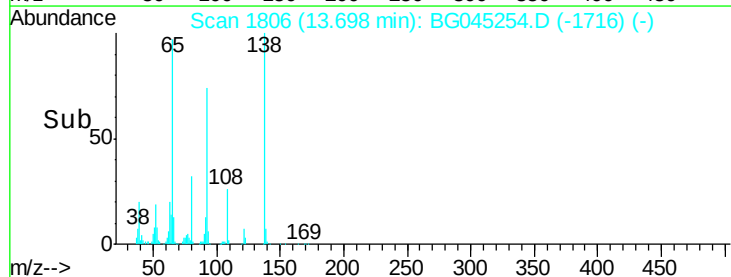
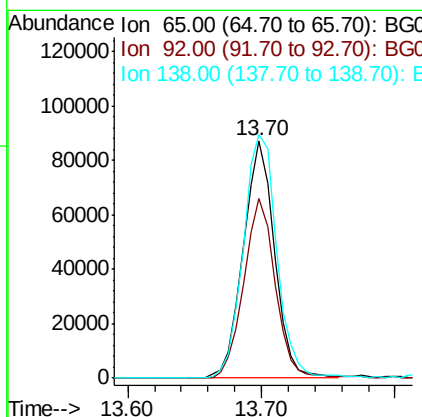
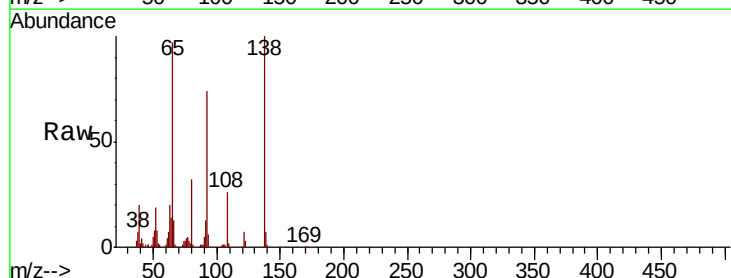
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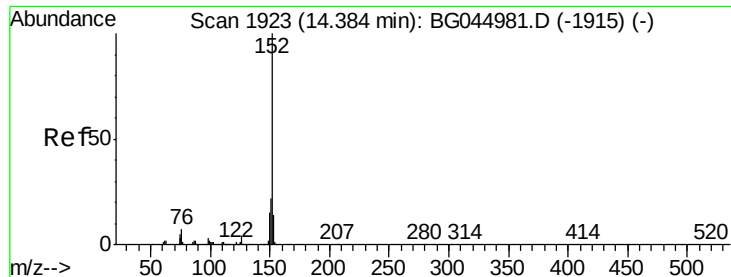
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#48
 2-Nitroaniline
 Concen: 40.504 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	58.3	87.5
138	102.6	85.6	128.4





#49

Acenaphthylene

Concen: 42.543 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

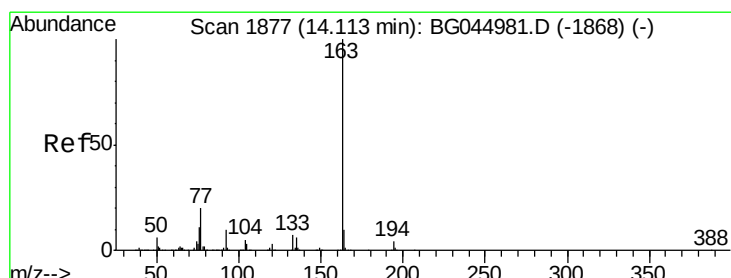
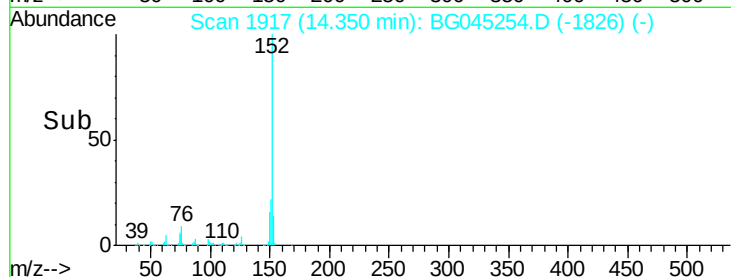
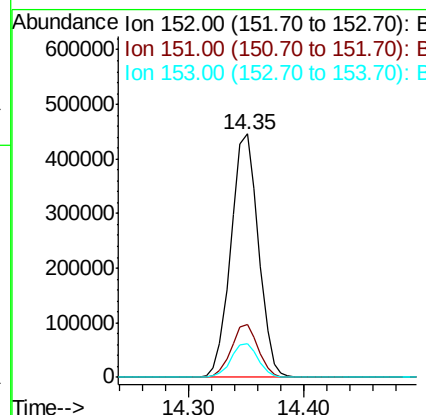
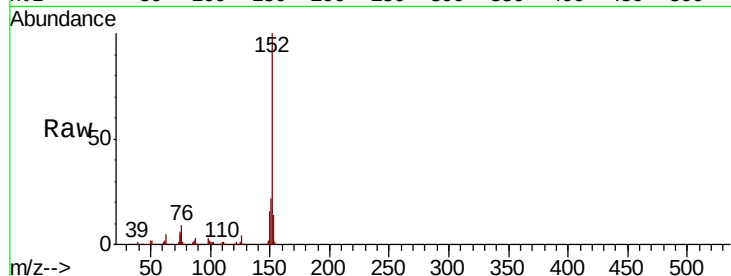
ClientSampleId :

PB128675BS

Tot Ion:	152	Resp:	734785
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.2	25.8
153	13.7	11.0	16.4

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#50

Dimethylphthalate

Concen: 41.713 ng

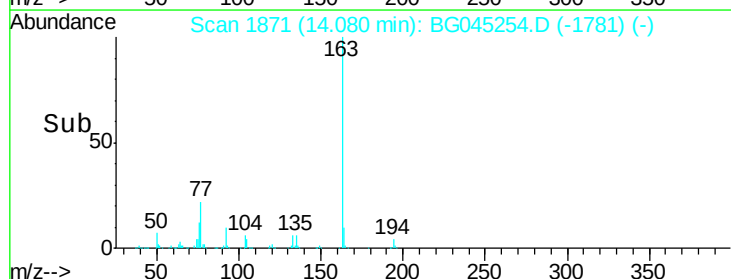
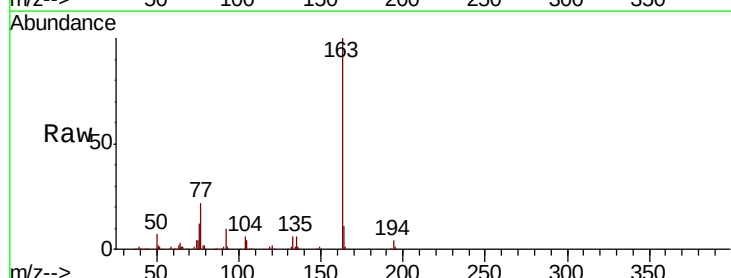
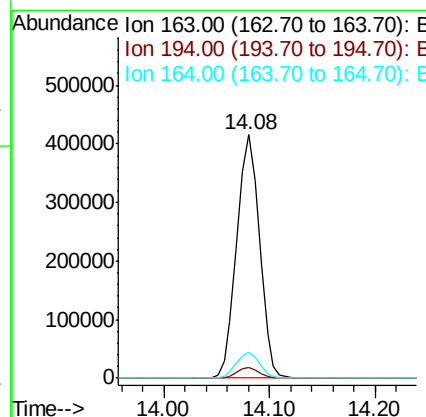
RT: 14.08 min Scan# 1871

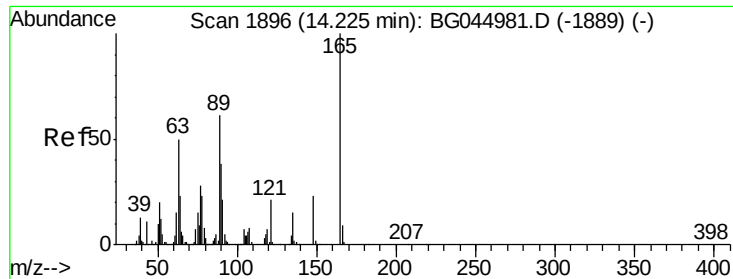
Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion:	163	Resp:	620106
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	10.5	8.2	12.4





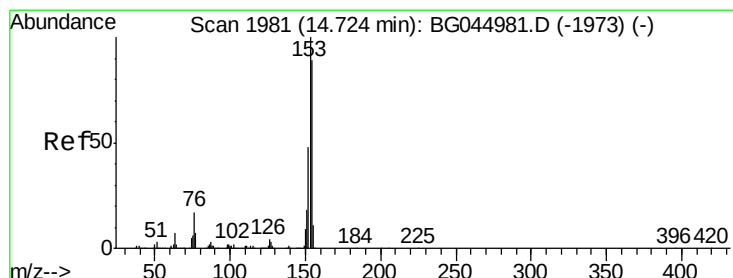
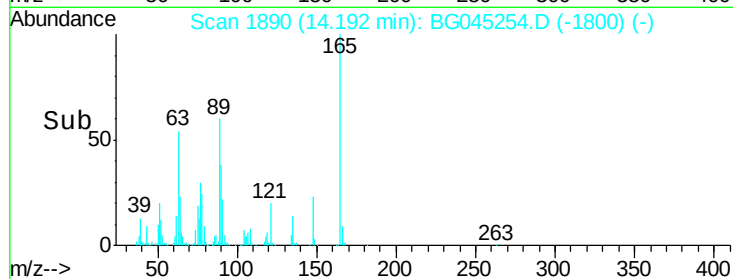
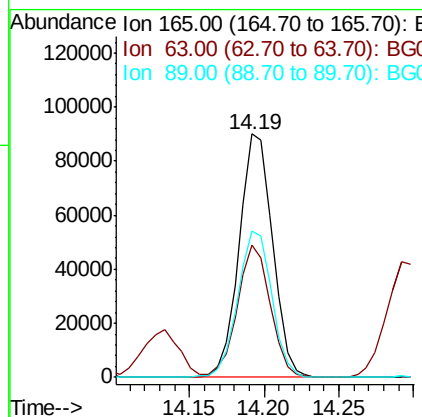
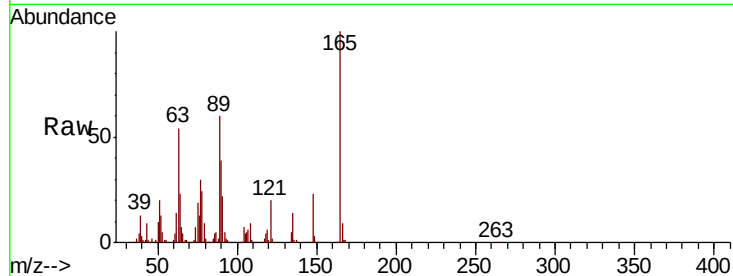
#51
2,6-Dinitrotoluene
Concen: 42.050 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	139822		
63	54.2		40.4	60.6
89	60.3		49.1	73.7

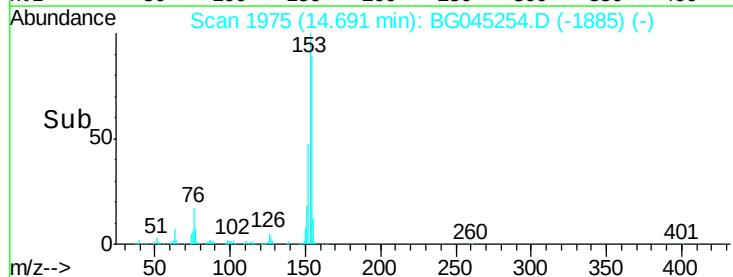
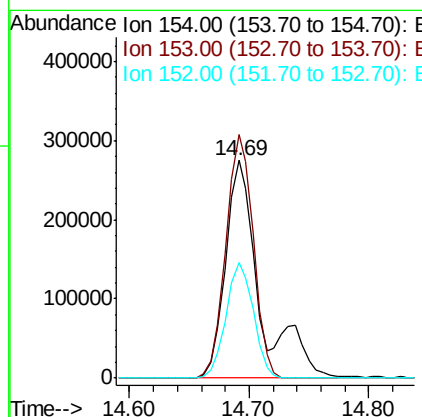
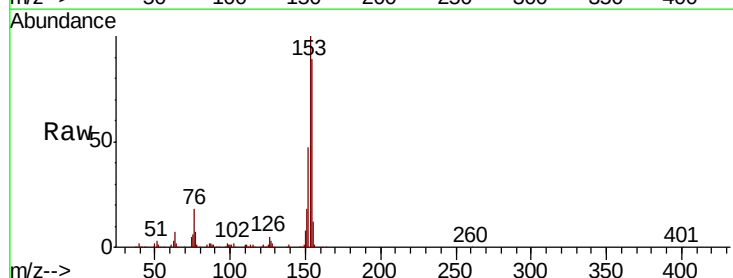
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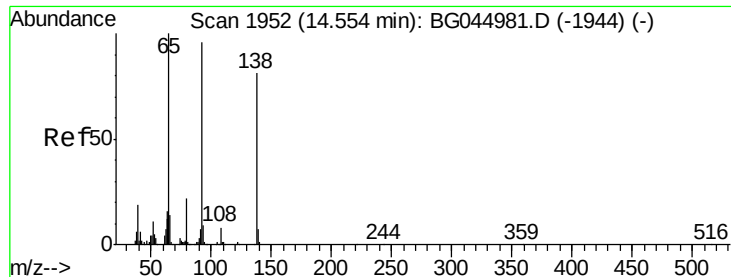
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#52
Acenaphthene
Concen: 46.717 ng m
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	545923		
153	111.9		89.7	134.5
152	52.9		43.1	64.7





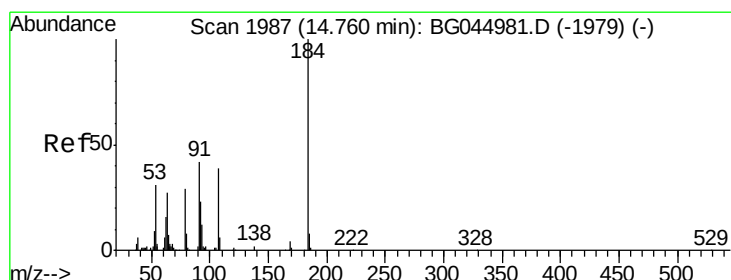
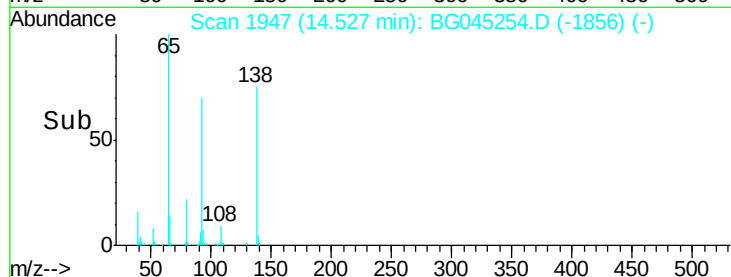
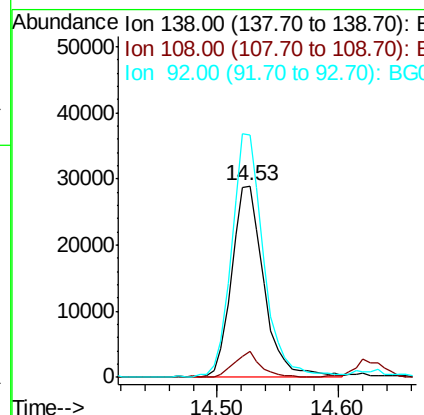
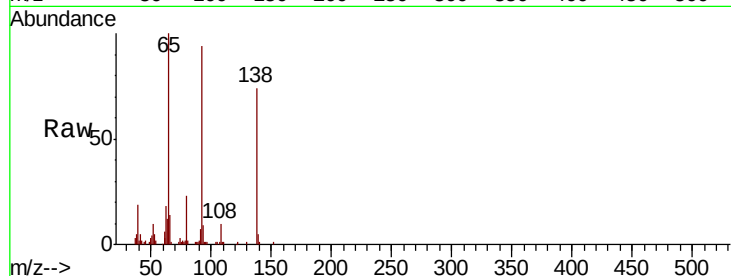
#53
3-Nitroaniline
Concen: 14.704 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.3	7.8	11.8#
92	126.5	94.5	141.7

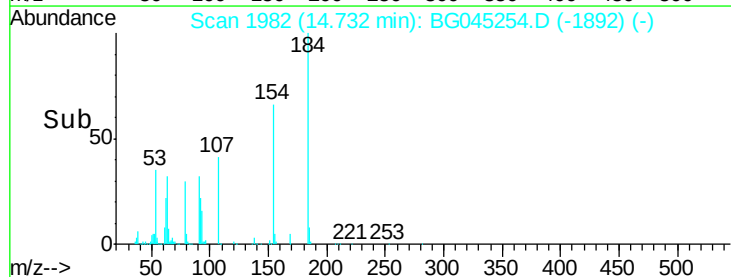
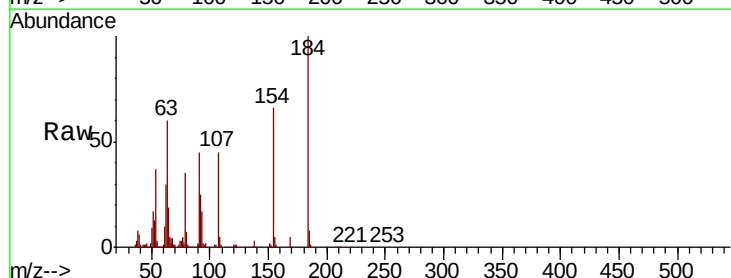
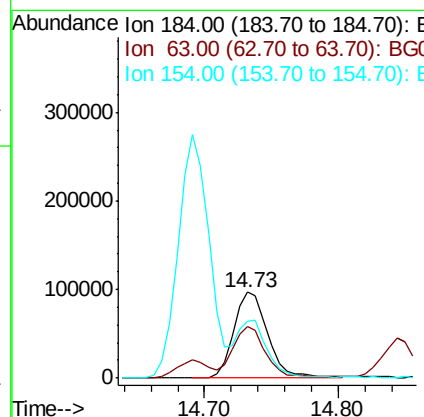
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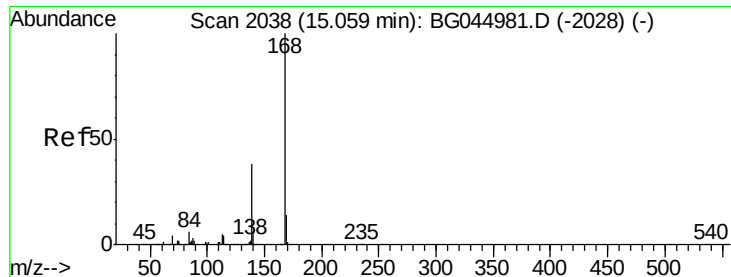
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#54
2,4-Dinitrophenol
Concen: 87.339 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	41.5	62.3
154	66.4	52.3	78.5





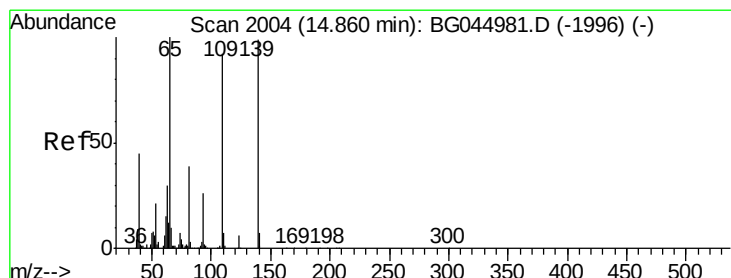
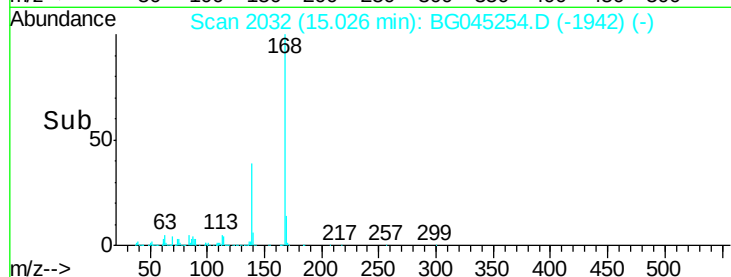
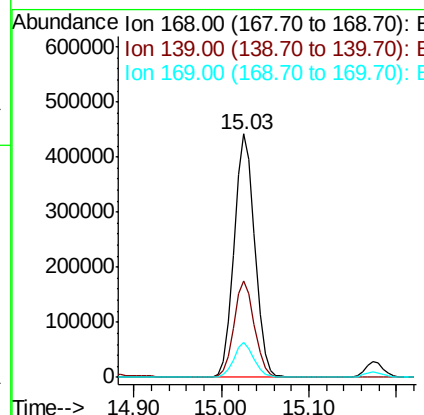
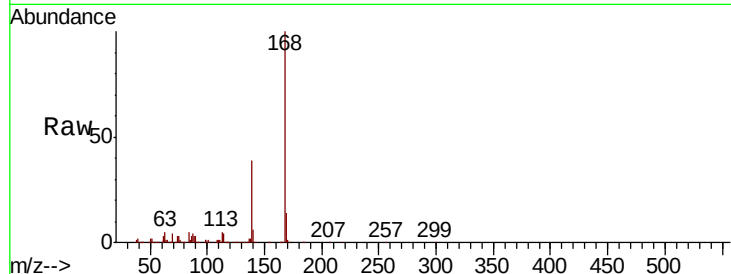
#55
Dibenzenofuran
Concen: 41.512 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.4	45.6
169	14.2	11.0	16.4

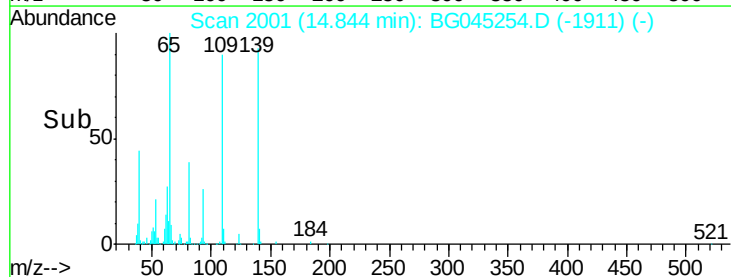
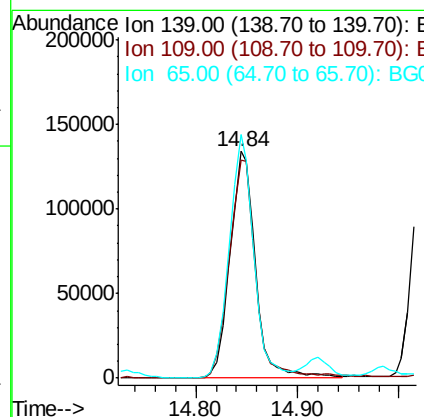
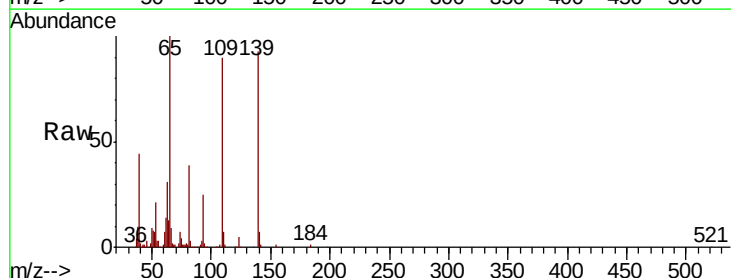
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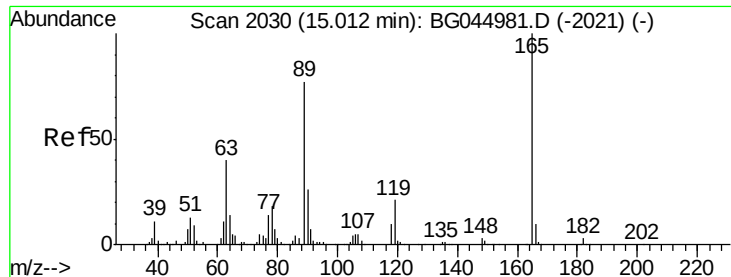
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#56
4-Nitrophenol
Concen: 82.612 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.3	73.6	113.6
65	107.3	81.2	121.2





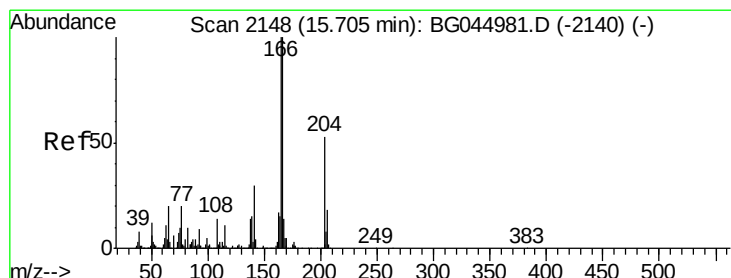
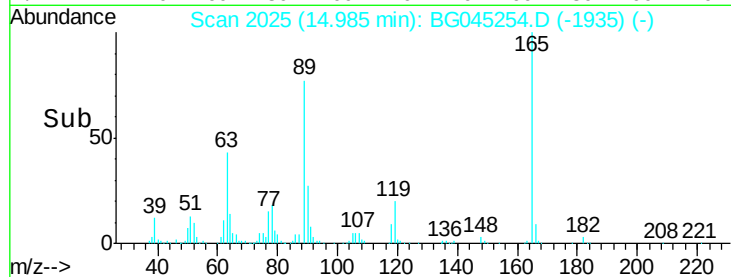
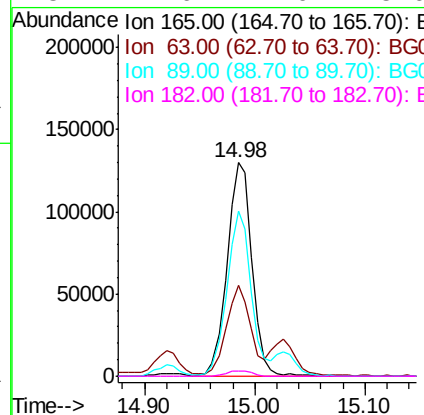
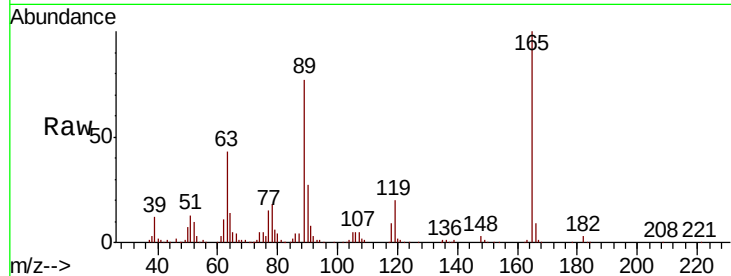
#57
 2,4-Dinitrotoluene
 Concen: 41.989 ng
 RT: 14.98 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128675BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		204039		
63	42.6	32.2	48.2		
89	77.1	61.7	92.5		
182	2.6	2.0	3.0		

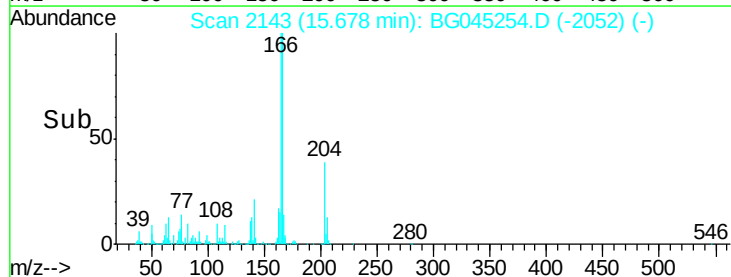
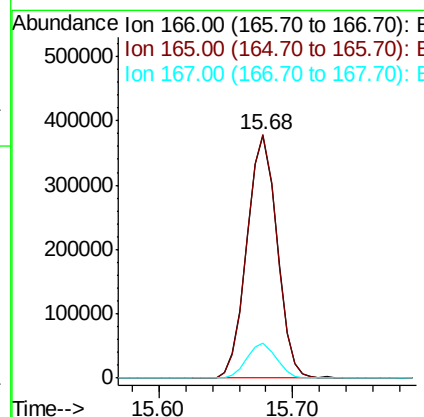
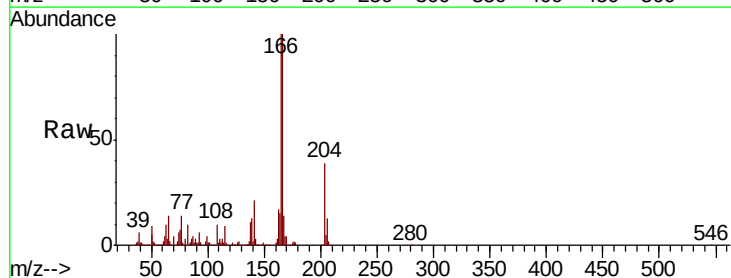
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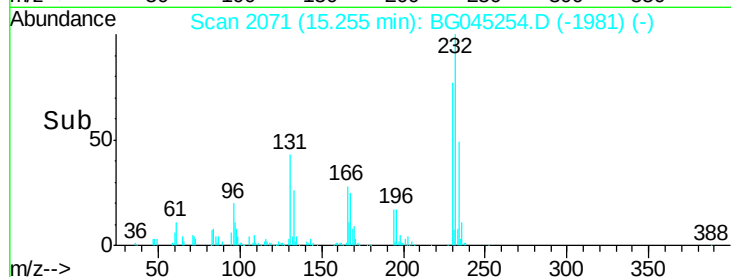
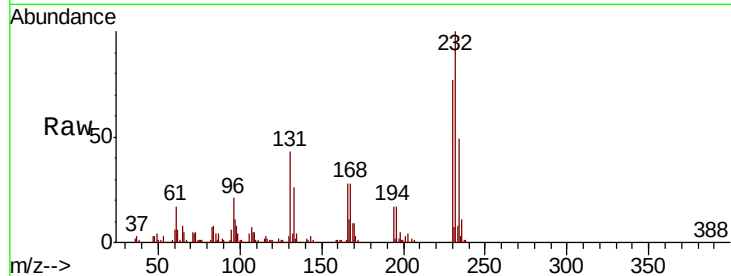
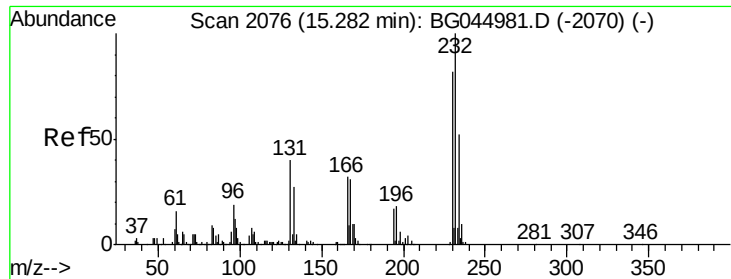
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#58
 Fluorene
 Concen: 42.253 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		587998		
165	100.4	79.9	119.9		
167	14.3	11.4	17.0		





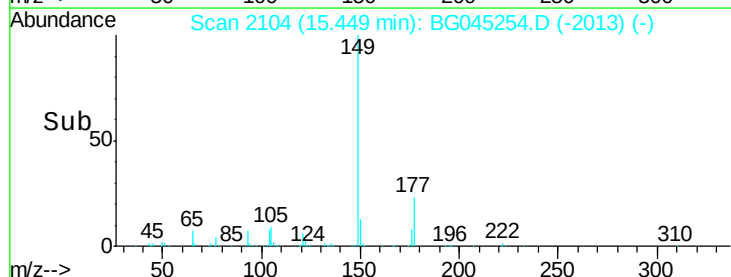
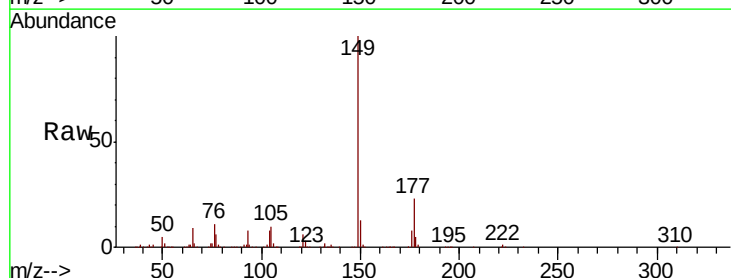
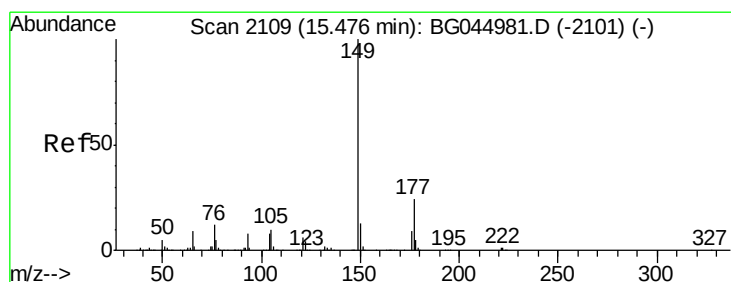
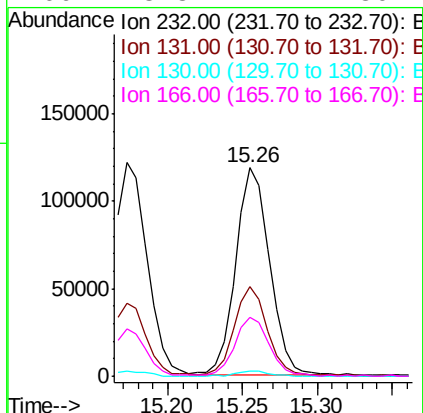
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.607 ng
RT: 15.26 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	187436		
131	42.5	32.2	48.2	
130	2.4	2.2	3.2	
166	28.8	24.2	36.4	

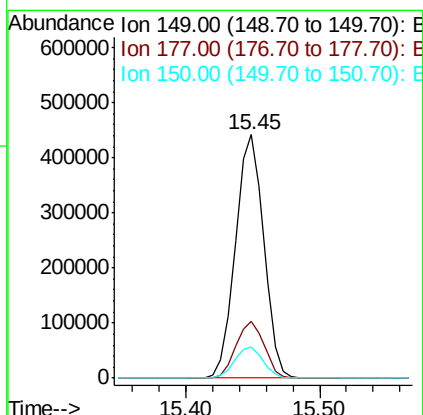
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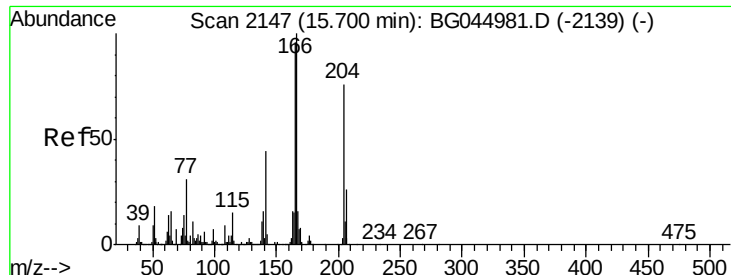
Sohil
5/8/2020 5:20:23 PM



#60
Diethylphthalate
Concen: 41.772 ng
RT: 15.45 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	647444		
177	23.4	18.9	28.3	
150	12.6	10.6	15.8	





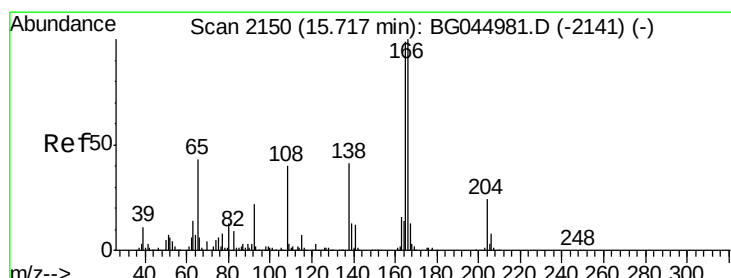
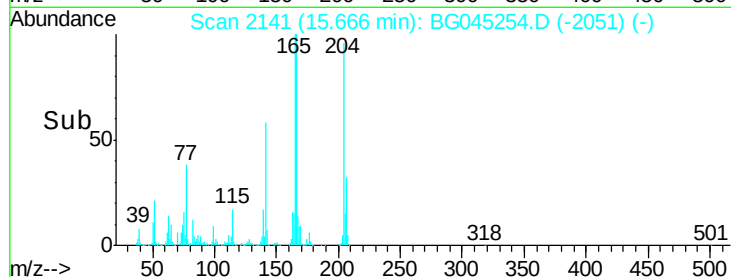
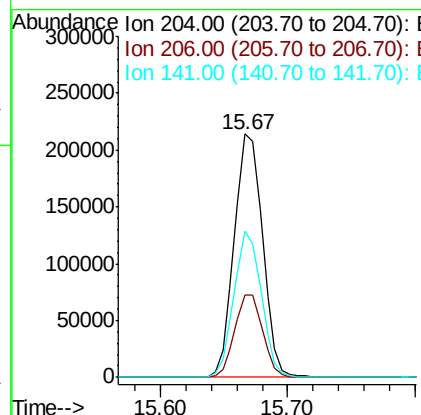
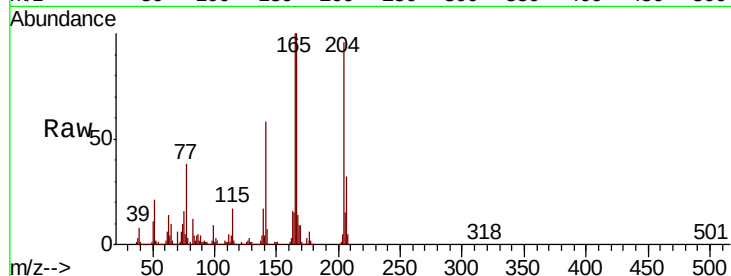
#61
4-Chlorophenyl-phenylether
Concen: 41.334 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.9	40.3
141	60.3	46.3	69.5

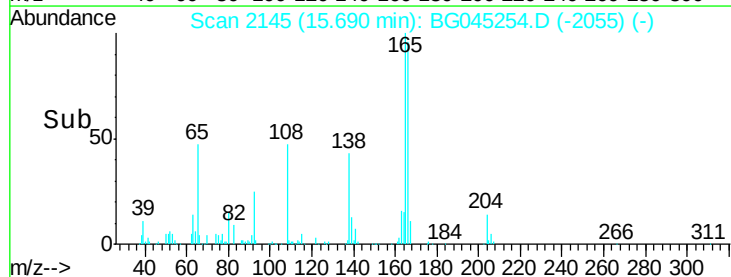
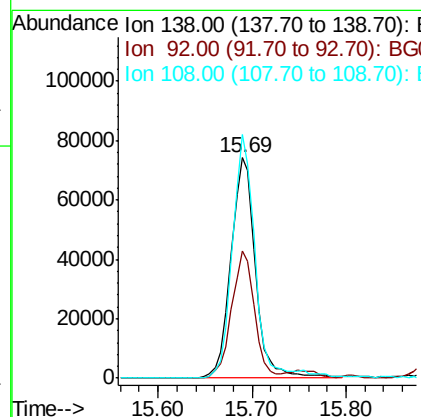
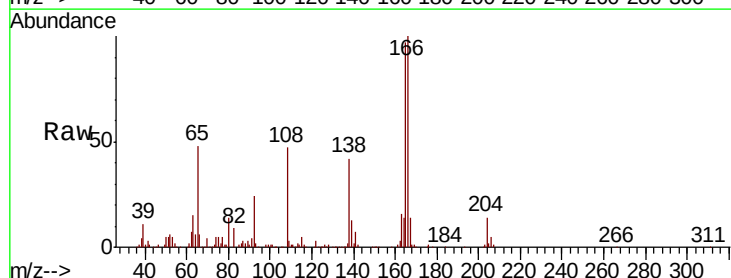
Manual Integrations
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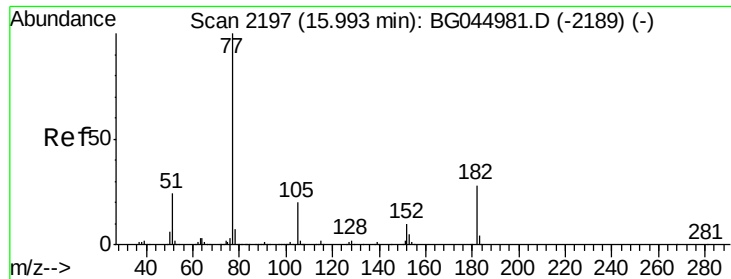
Sohil
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#62
4-Nitroaniline
Concen: 35.628 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	33.6	73.6
108	110.4	78.2	118.2





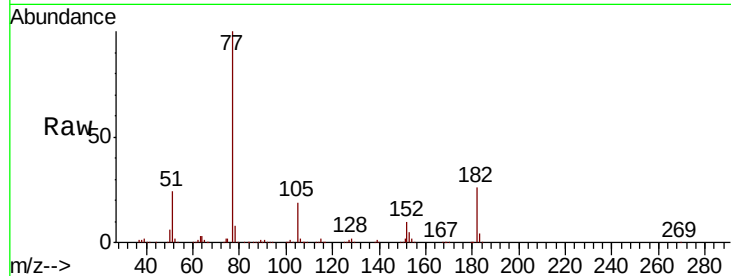
#63
Azobenzene
Concen: 42.537 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

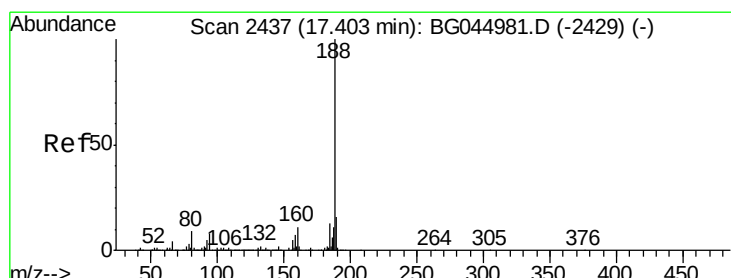
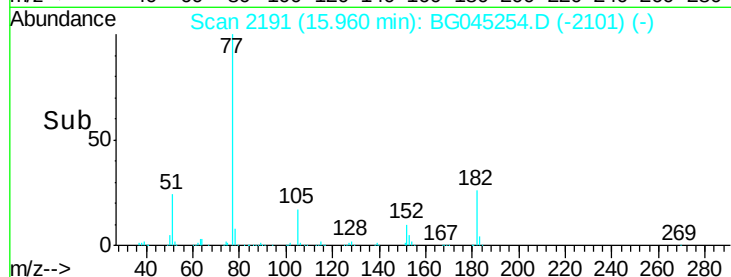
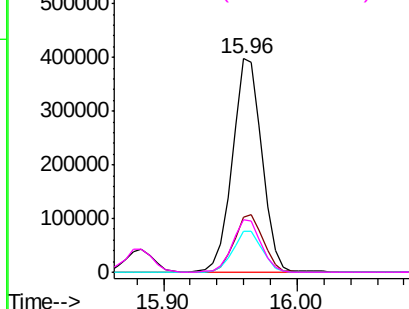
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		607849		
182	26.0	8.4	48.4		
105	19.2	0.5	40.5		
51	24.5	4.4	44.4		

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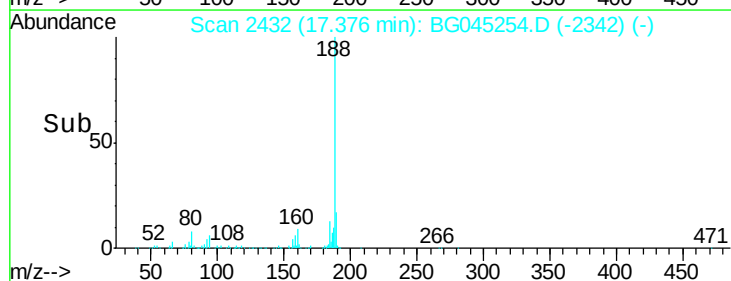
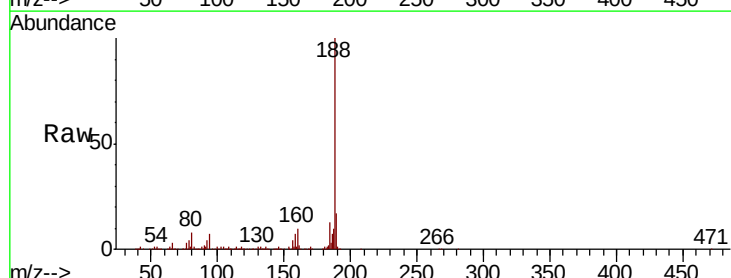
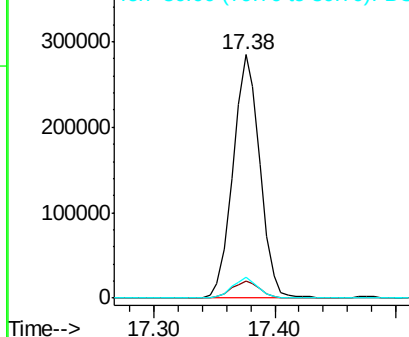
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

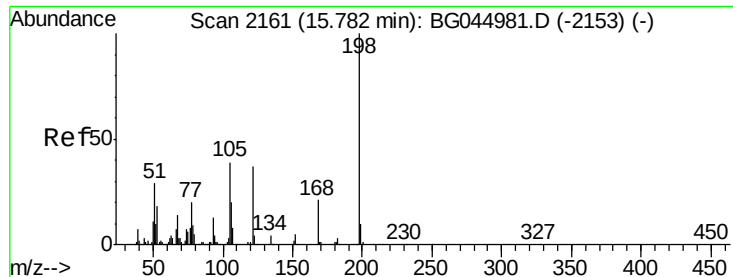


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		440374		
94	7.0	6.2	9.4		
80	8.4	7.0	10.6		

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: 46.605 ng

RT: 15.75 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

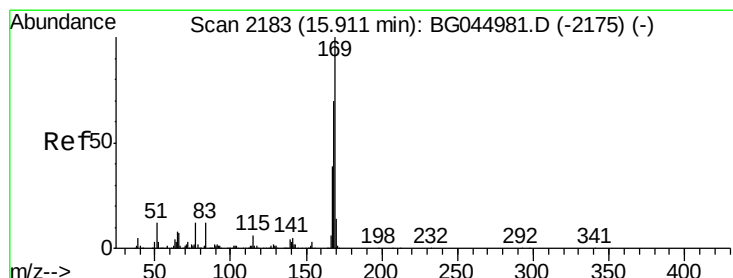
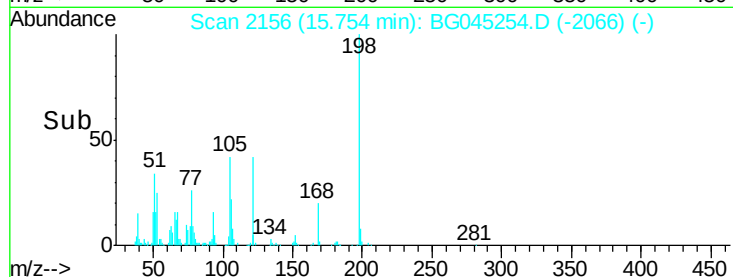
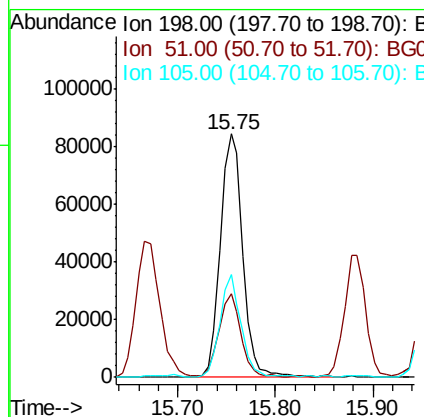
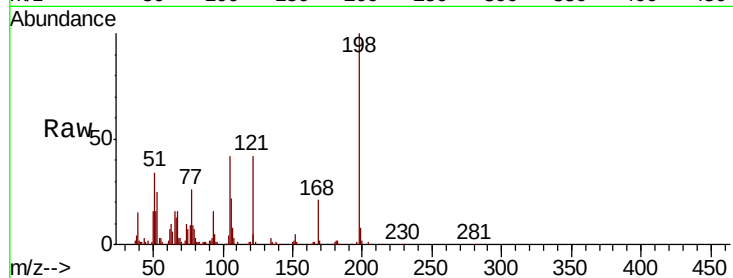
ClientSampleId :

PB128675BS

Tot Ion:	198	Resp:	134902
Ion Ratio	Lower	Upper	
198	100		
51	34.2	10.0	50.0
105	42.1	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 42.007 ng

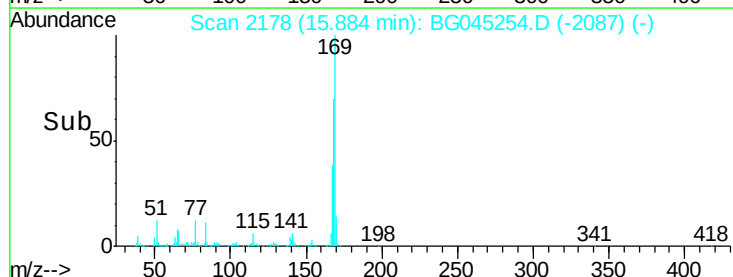
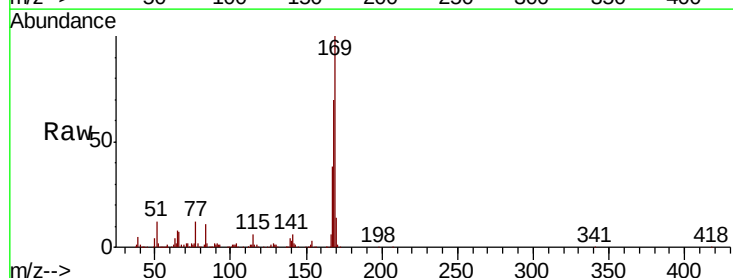
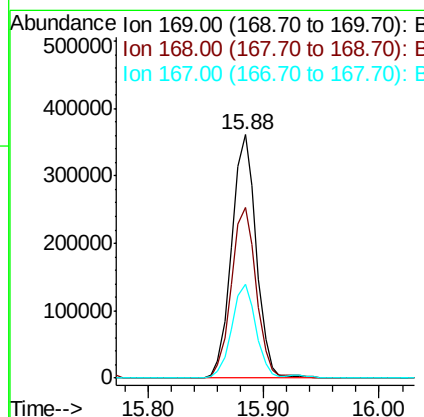
RT: 15.88 min Scan# 2178

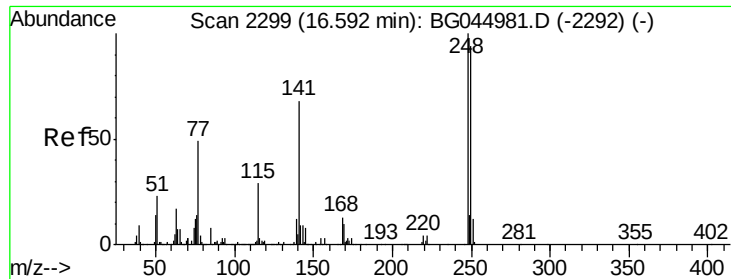
Delta R.T. 0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion:	169	Resp:	531510
Ion Ratio	Lower	Upper	
169	100		
168	70.1	55.8	83.8
167	38.4	30.8	46.2





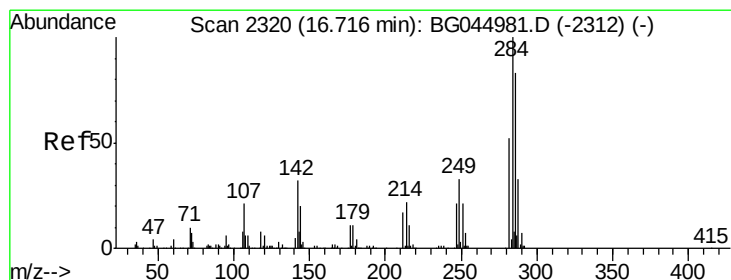
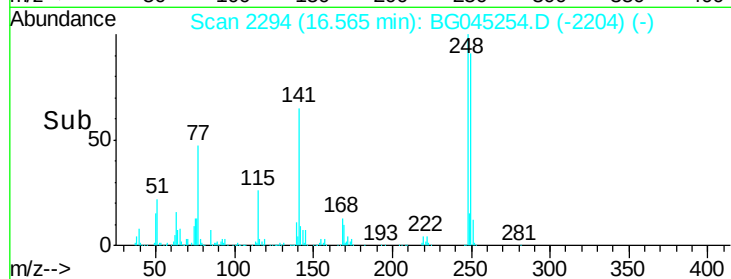
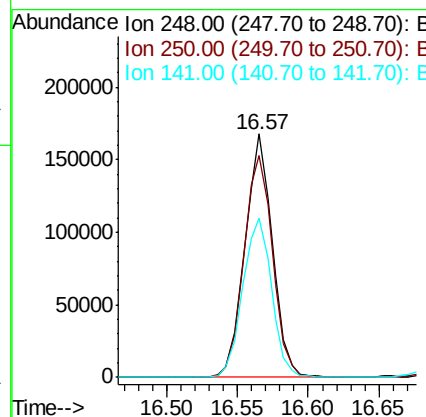
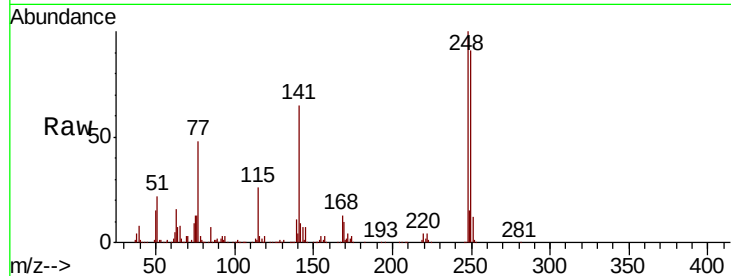
#67
4-Bromophenyl-phenylether
Concen: 40.151 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.1	75.4	113.2
141	65.4	54.4	81.6

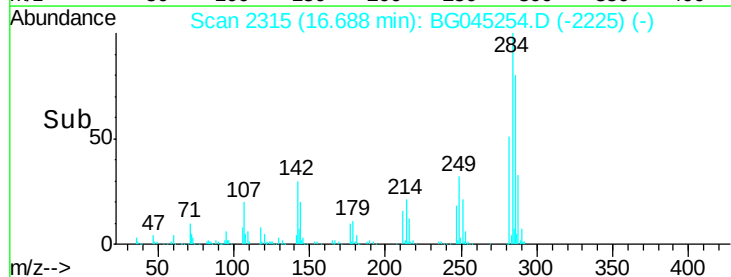
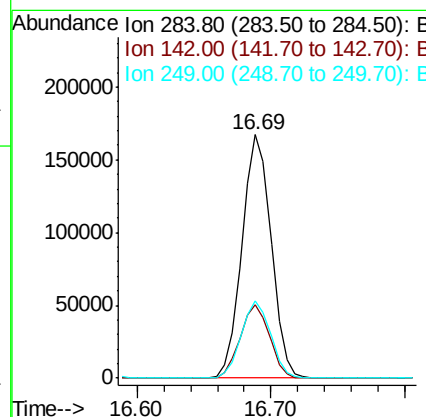
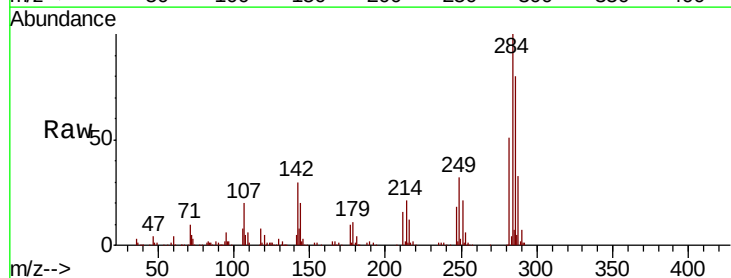
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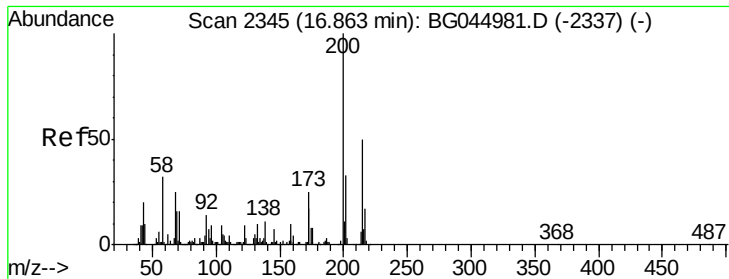
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#68
Hexachlorobenzene
Concen: 42.886 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	25.8	38.6
249	31.8	26.6	39.8





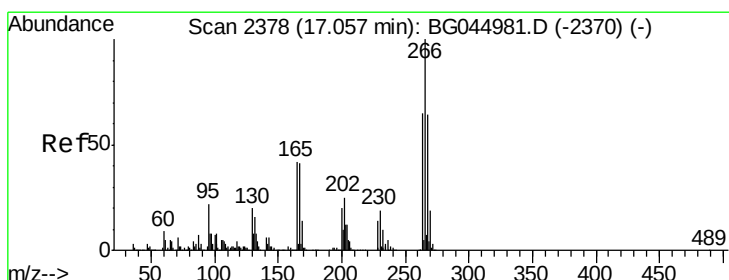
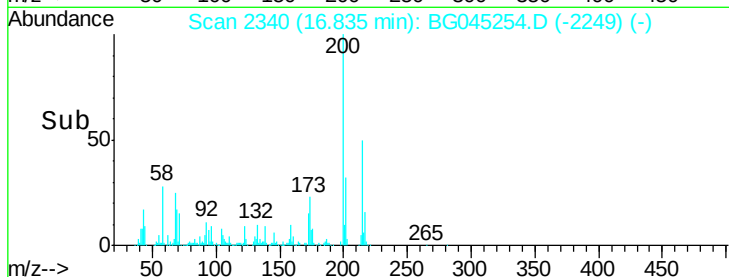
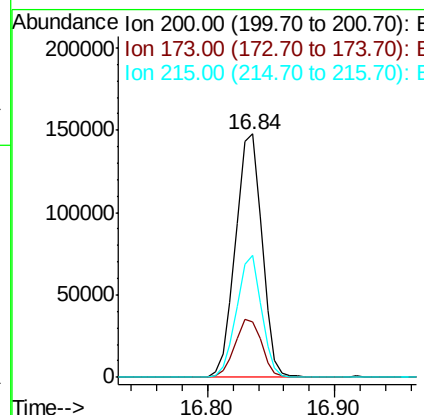
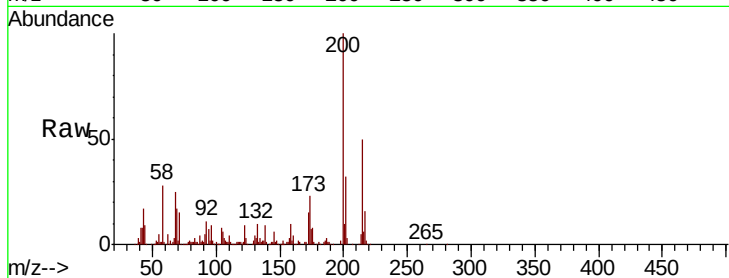
#69
Atrazine
Concen: 46.147 ng
RT: 16.84 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.8	4.5	44.5
215	50.2	30.0	70.0

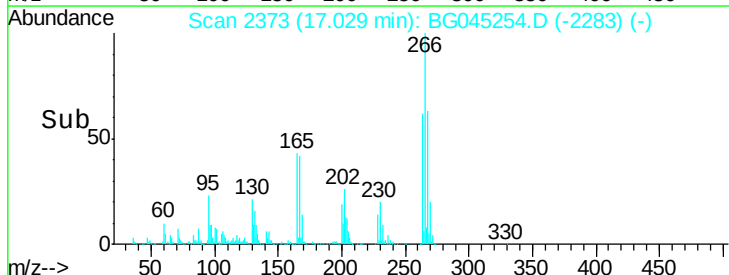
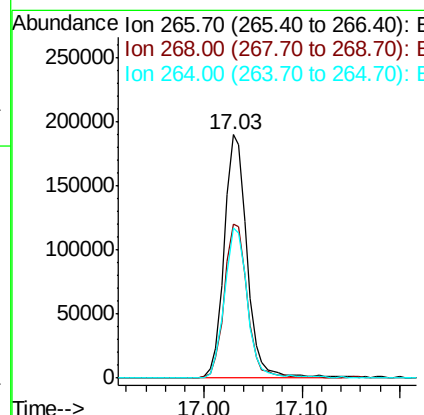
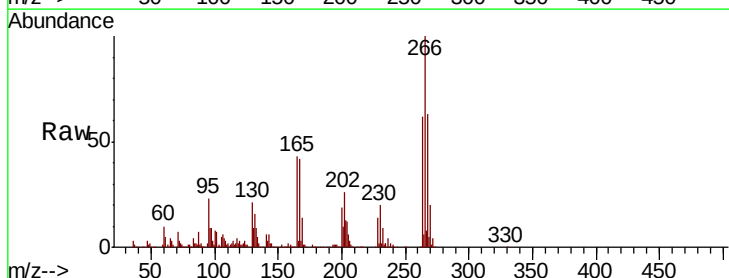
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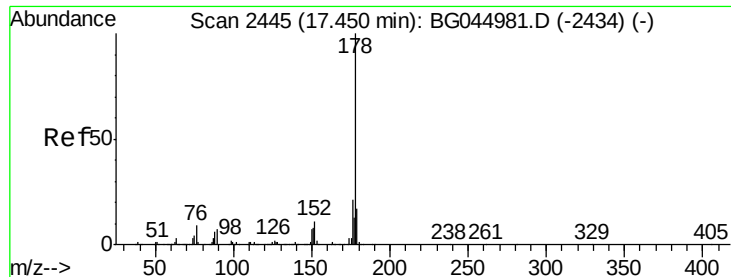
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#70
Pentachlorophenol
Concen: 85.257 ng
RT: 17.03 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.5	77.3
264	61.8	52.2	78.4





#71

Phenanthrene

Concen: 43.227 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

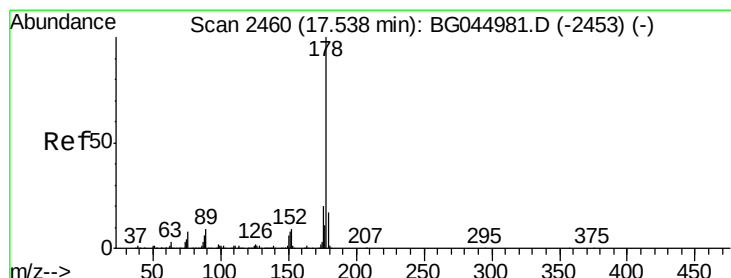
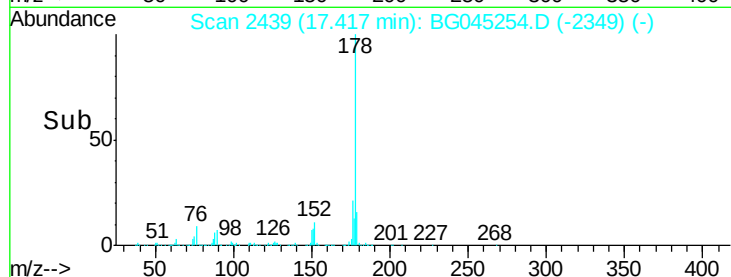
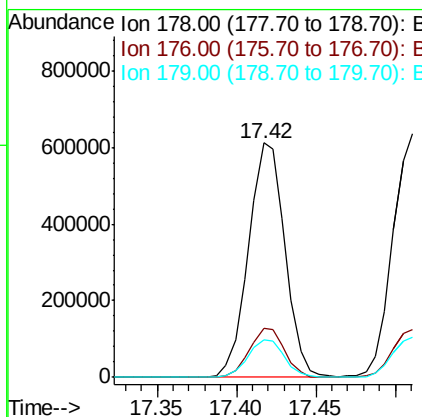
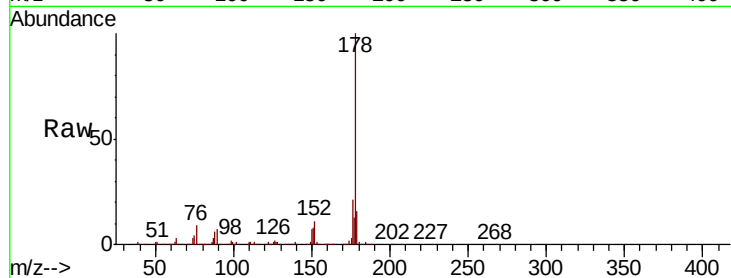
ClientSampleId :

PB128675BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.8	25.2
179	16.1	13.2	19.8

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#72

Anthracene

Concen: 44.545 ng

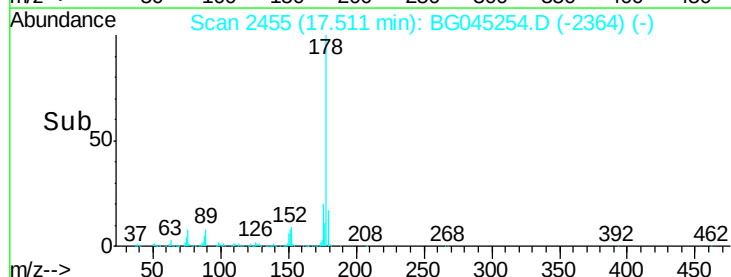
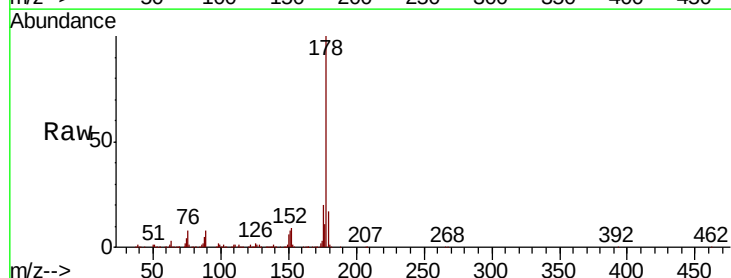
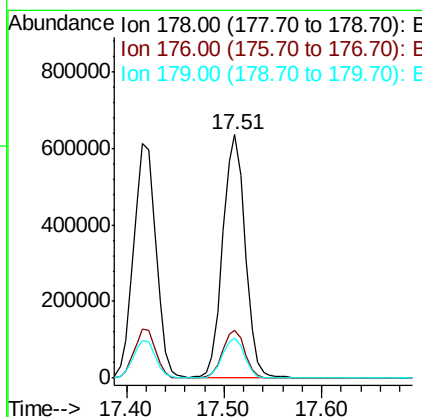
RT: 17.51 min Scan# 2455

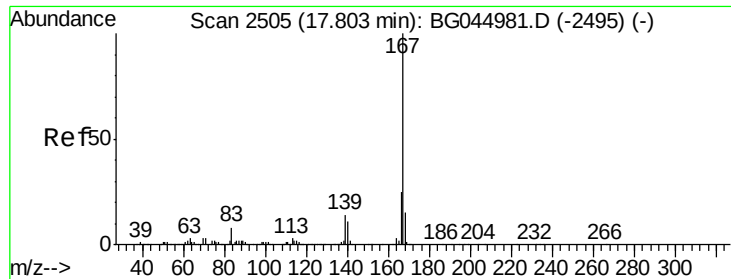
Delta R.T. 0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.6	13.6	20.4





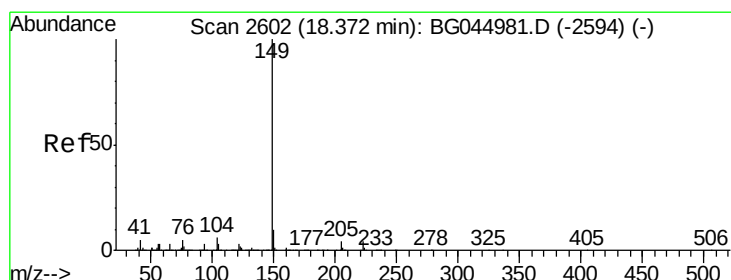
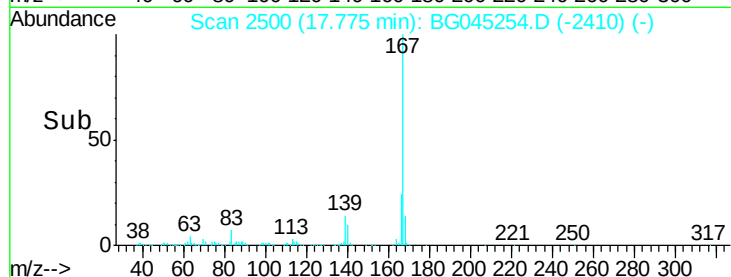
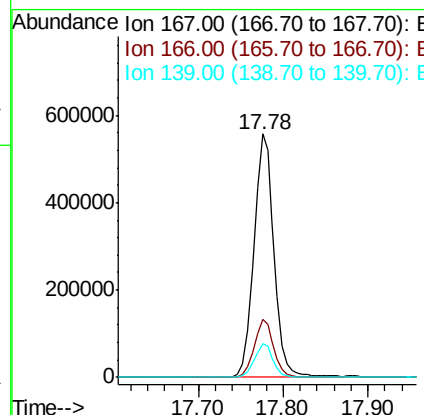
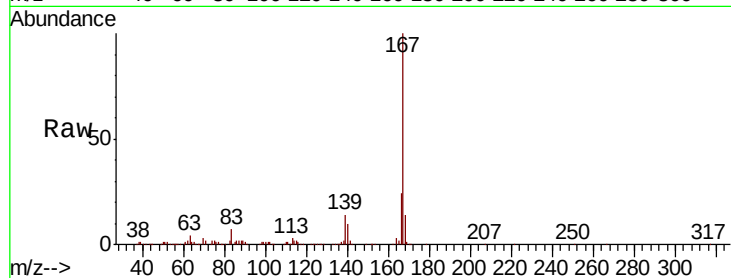
#73
 Carbazole
 Concen: 40.006 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128675BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.8	29.6
139	13.7	10.9	16.3

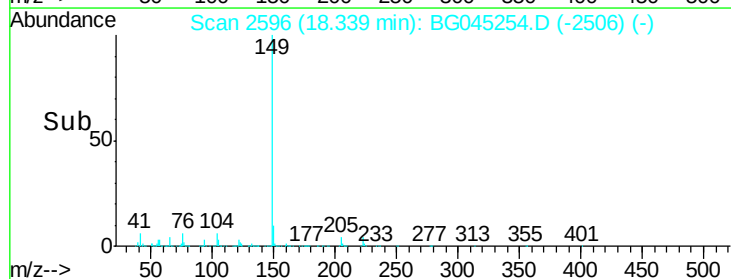
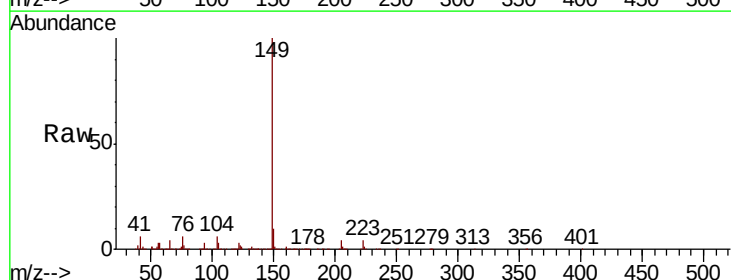
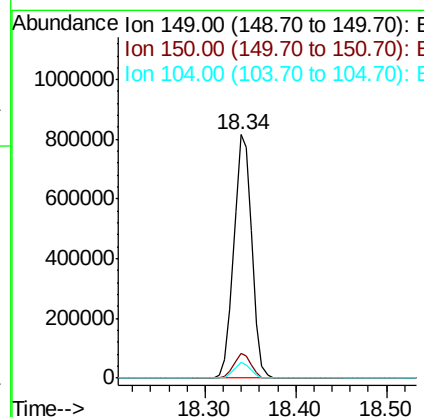
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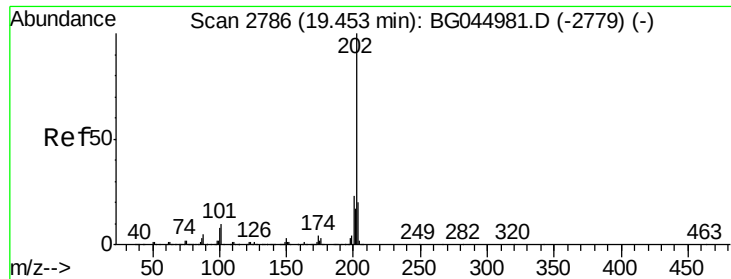
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#74
 Di-n-butylphthalate
 Concen: 44.708 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	6.4	4.8	7.2





#75

Fluoranthene

Concen: 44.451 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

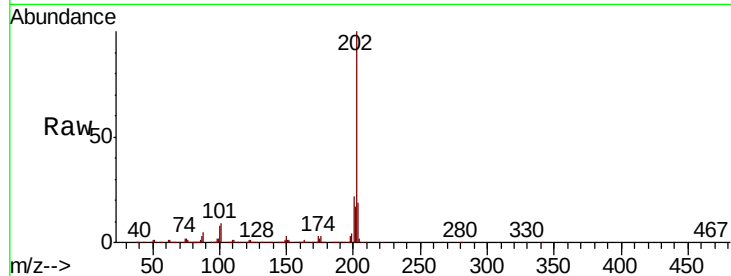
ClientSampleId :

PB128675BS

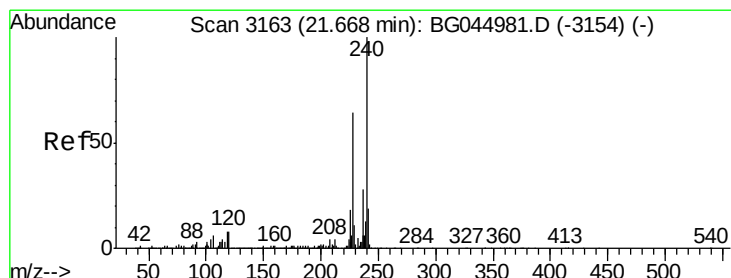
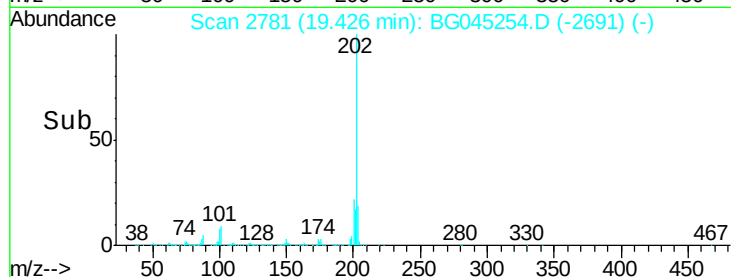
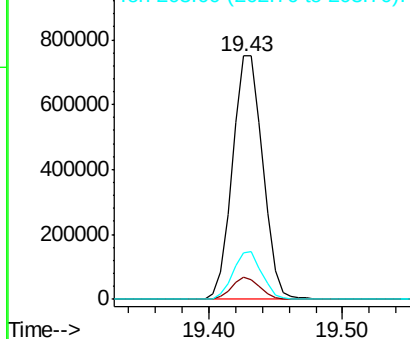
Tot Ion:	202	Resp:	1184342
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.6
203	19.3	0.0	39.7

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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

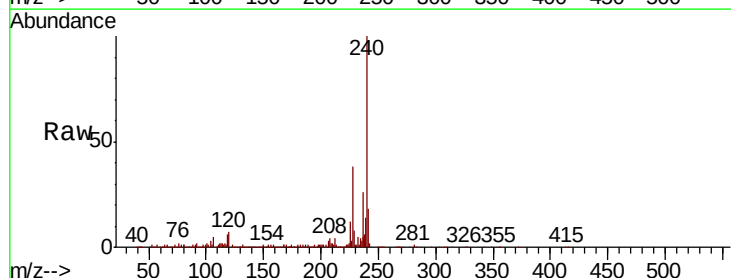
RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

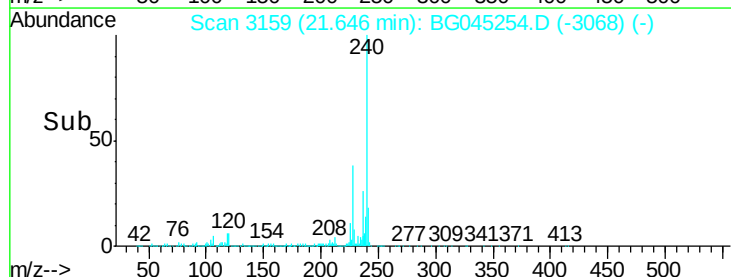
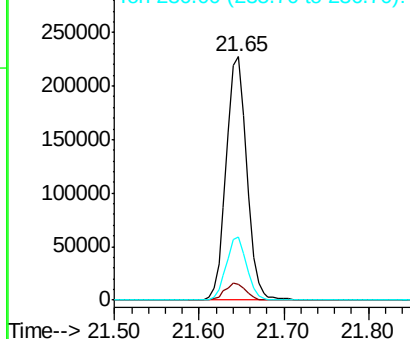
Lab File: BG045254.D

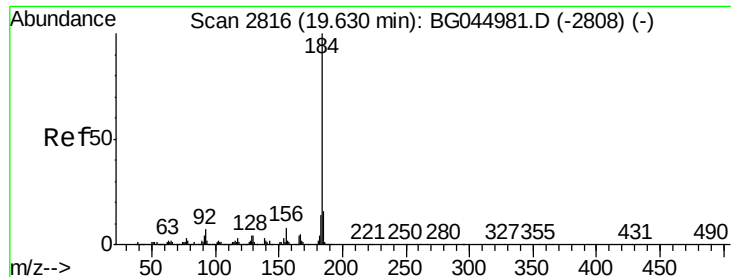
Acq: 6 May 2020 15:39

Tgt Ion:	240	Resp:	383113
Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.6	10.0#
236	25.8	22.2	33.2



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: 39.568 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

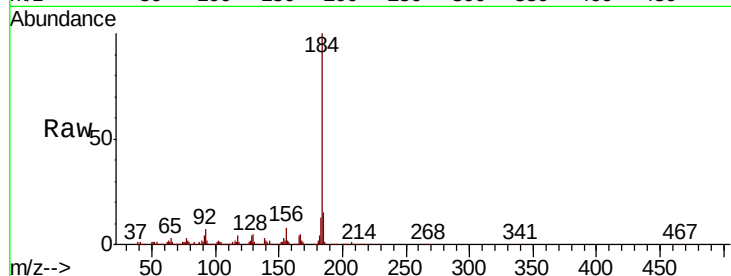
ClientSampleId :

PB128675BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	19.0
183	13.0	11.3	16.9

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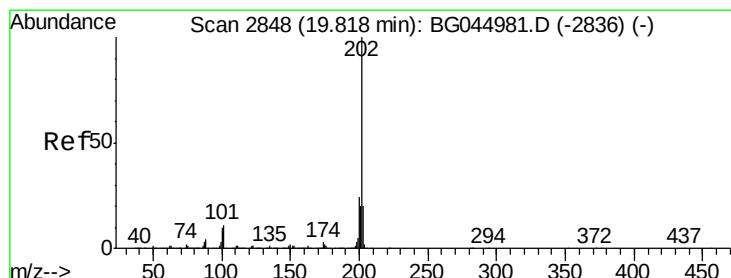
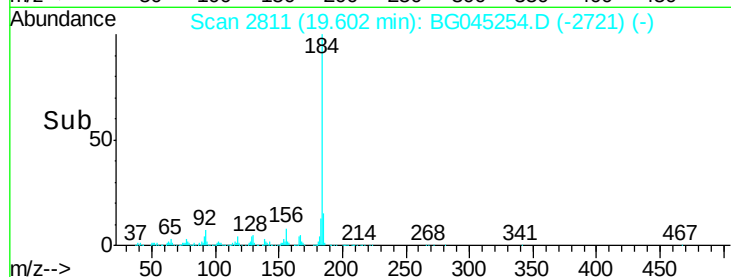
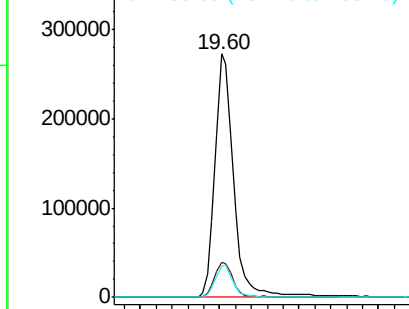


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.387 ng

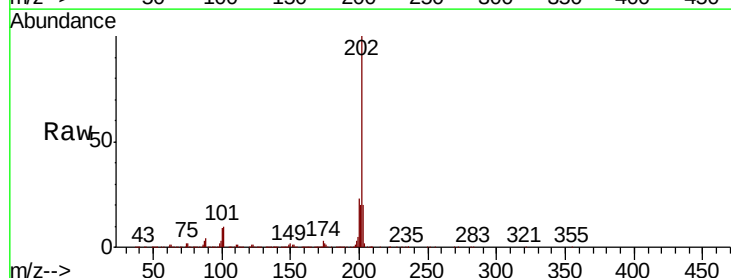
RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	19.0	28.6
203	19.8	16.1	24.1

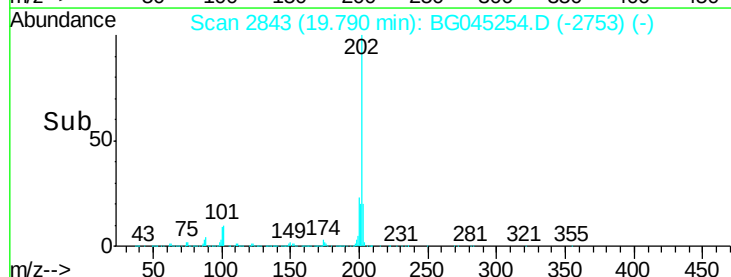
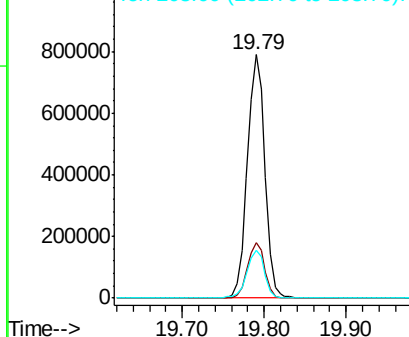


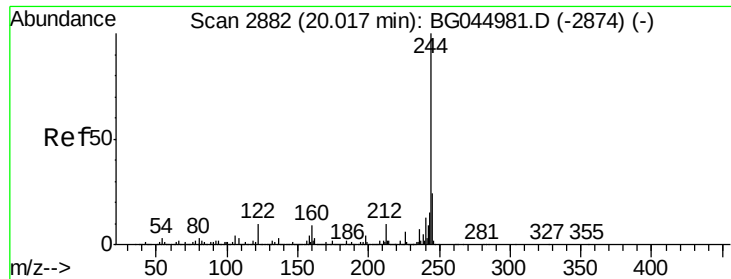
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





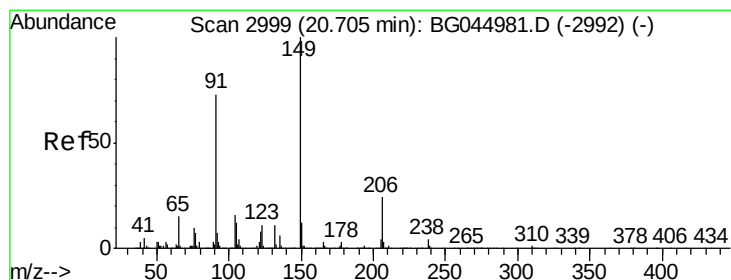
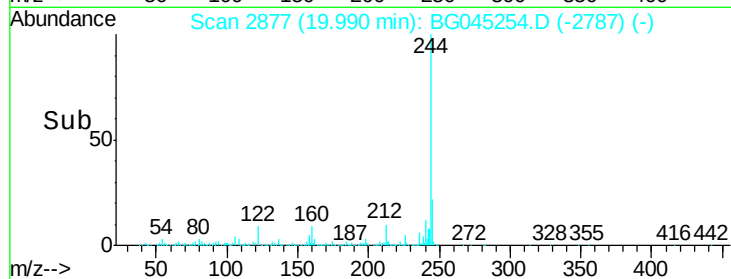
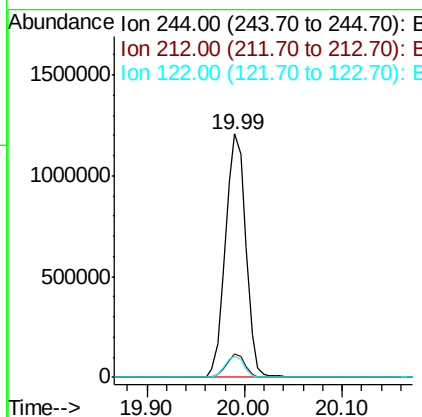
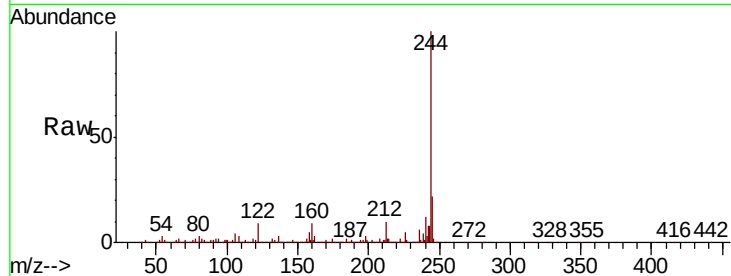
#79
 Terphenyl-d14
 Concen: 99.855 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128675BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	8.8	7.7	11.5

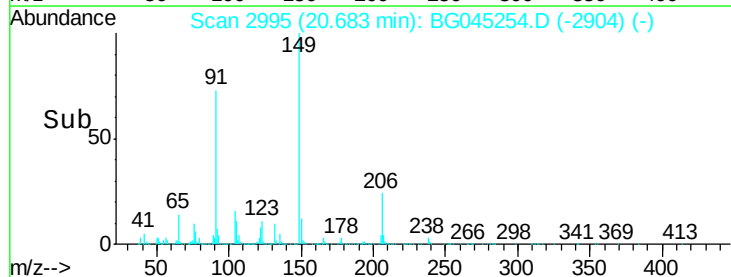
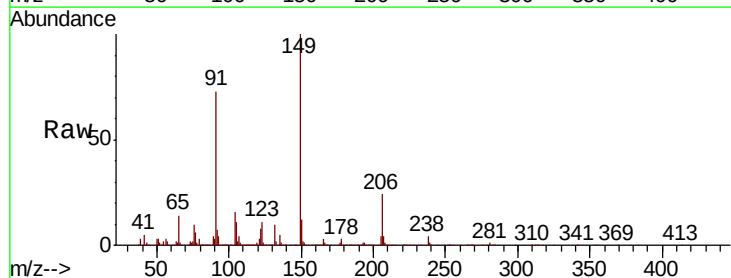
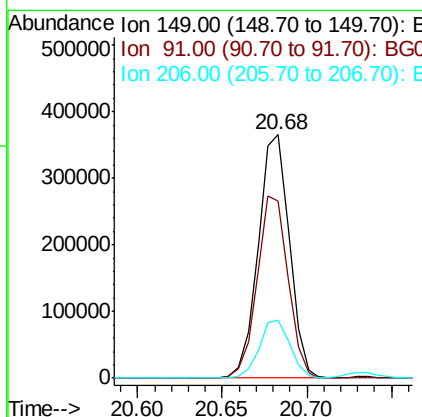
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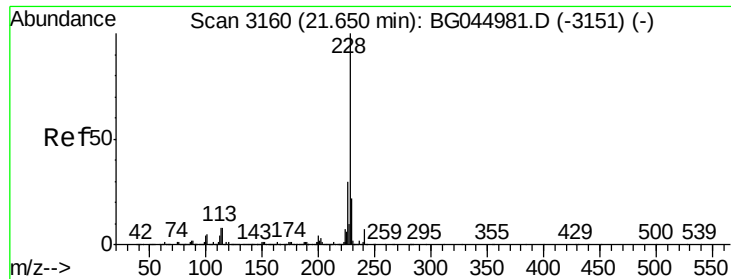
Sohil
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#80
 Butylbenzylphthalate
 Concen: 42.634 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. 0.00 min
 Lab File: BG045254.D
 Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.7	58.5	87.7
206	24.0	19.2	28.8





#81

Benzo(a)anthracene

Concen: 43.310 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

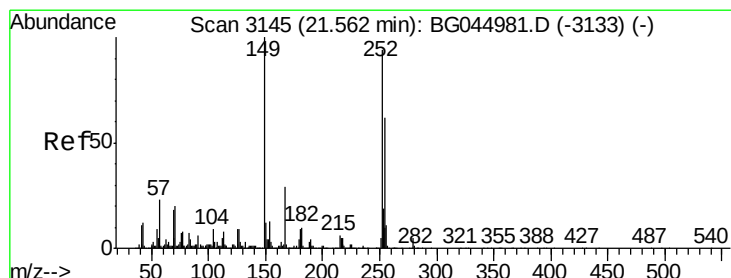
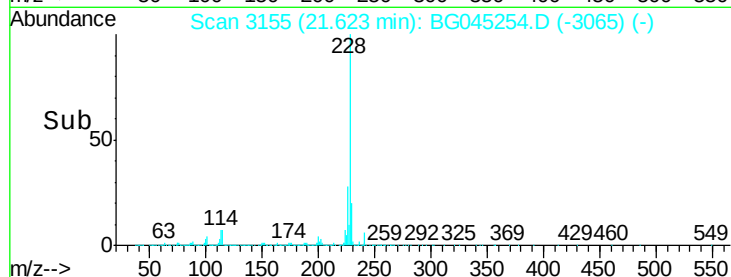
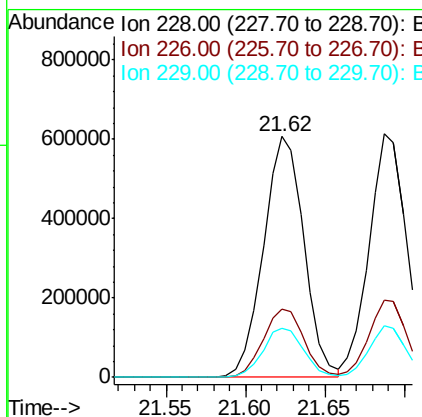
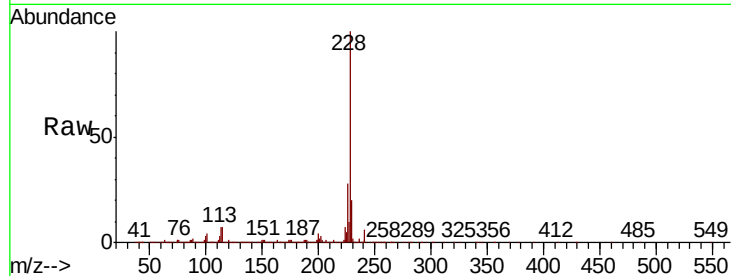
ClientSampleId :

PB128675BS

Tot Ion:	228	Resp:	1075443
Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	20.2	17.5	26.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 19.589 ng

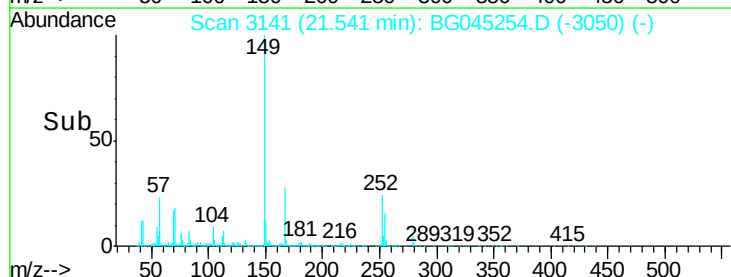
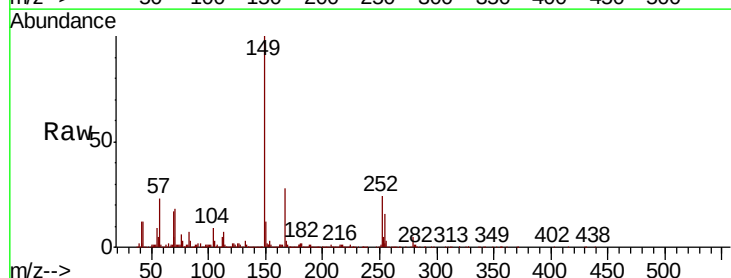
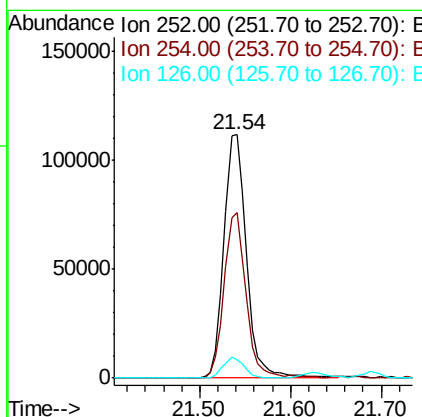
RT: 21.54 min Scan# 3141

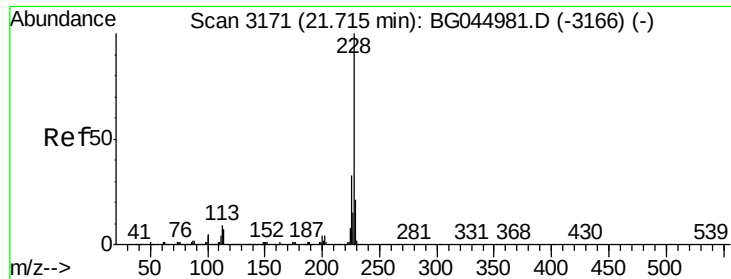
Delta R.T. 0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion:	252	Resp:	193604
Ion	Ratio	Lower	Upper
252	100		
254	68.1	52.6	79.0
126	7.4	7.5	11.3#





#83

Chrysene

Concen: 42.560 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128675BS

Tot Ion:228 Resp: 1015404

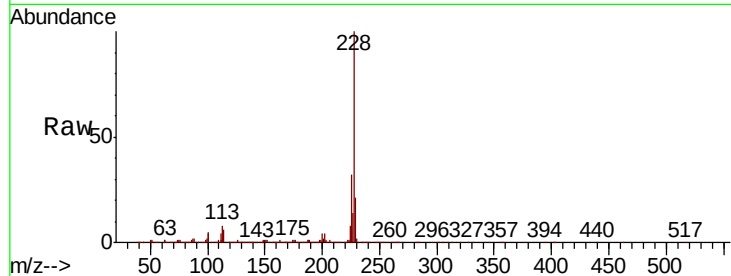
Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.2	39.4
229	21.0	17.0	25.6

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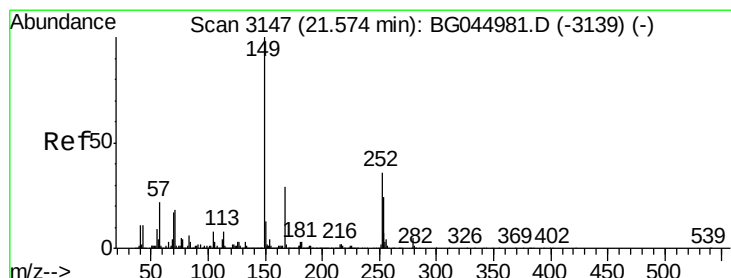
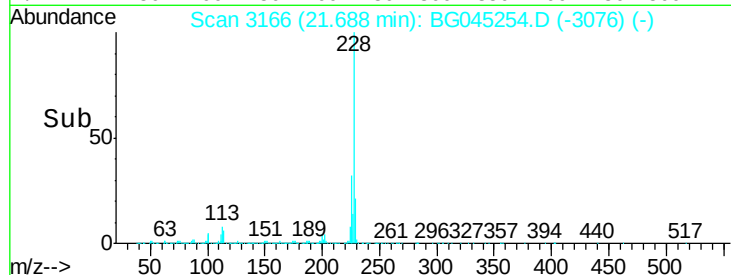
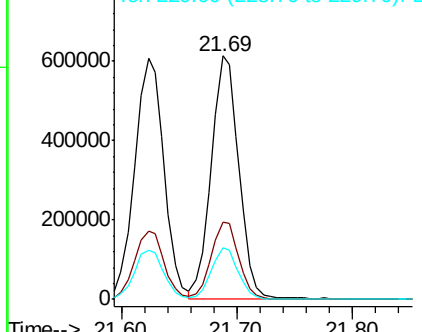


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.099 ng

RT: 21.54 min Scan# 3141

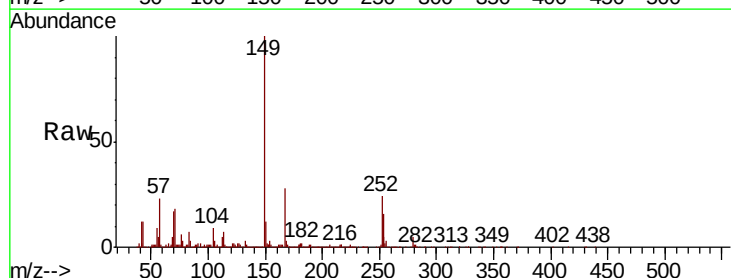
Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion:149 Resp: 648952

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.4	35.0
279	5.2	4.3	6.5

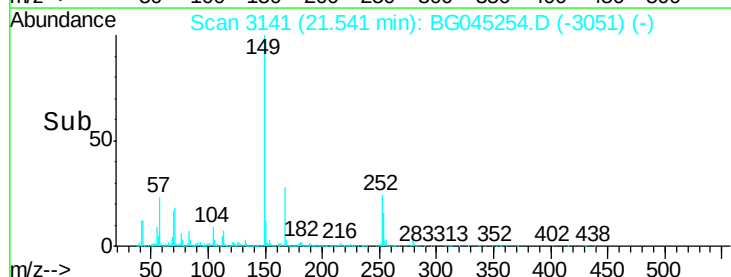
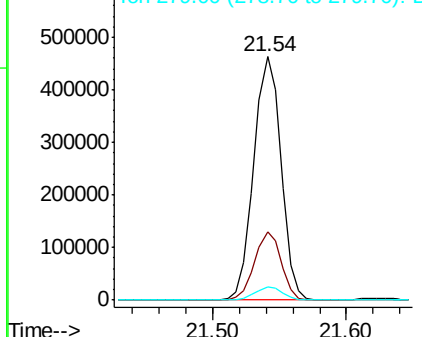


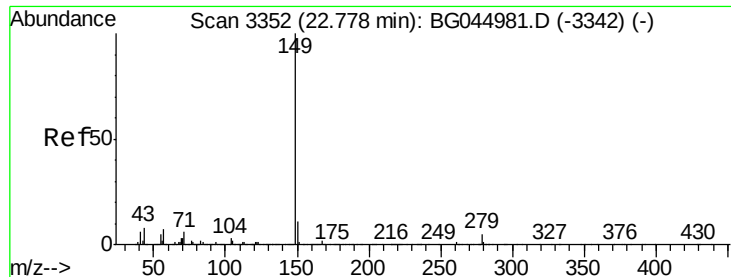
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.272 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

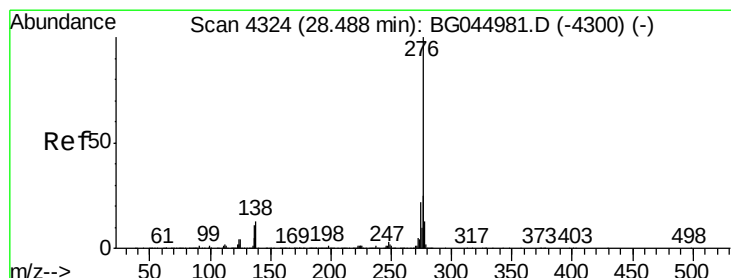
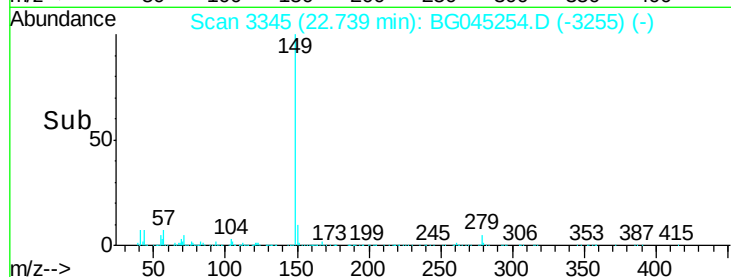
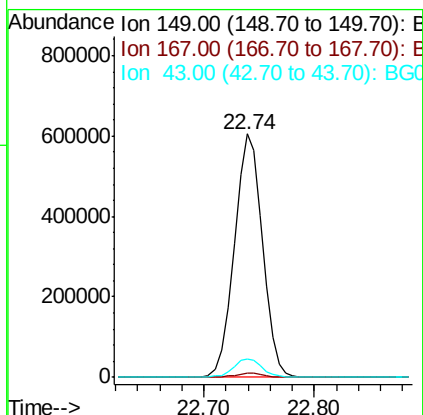
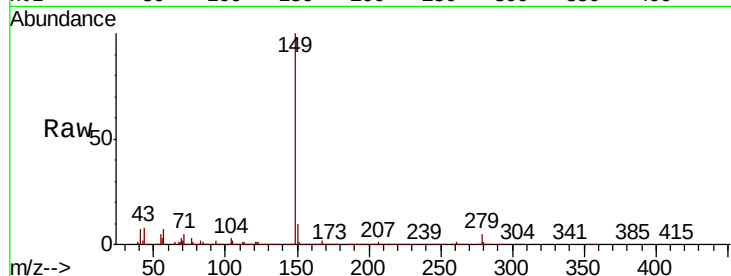
ClientSampleId :

PB128675BS

Tot Ion:	149	Resp:	1074640
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	7.5	5.7	8.5

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.578 ng

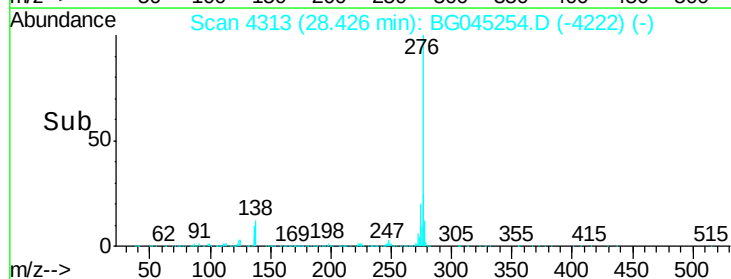
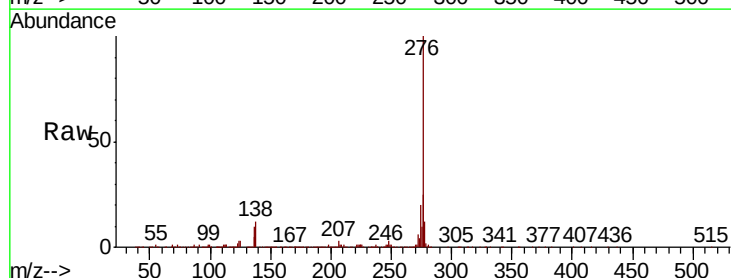
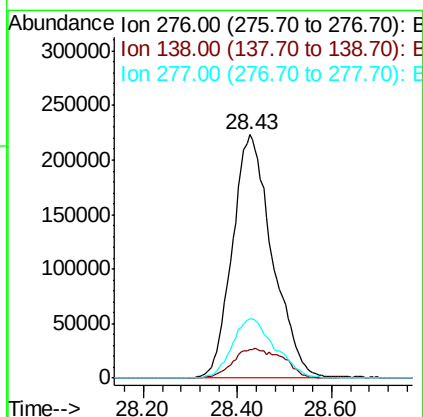
RT: 28.43 min Scan# 4313

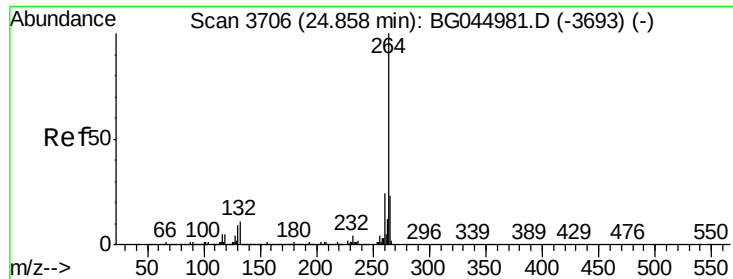
Delta R.T. 0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion:	276	Resp:	1317023
Ion	Ratio	Lower	Upper
276	100		
138	15.3	9.6	14.4#
277	26.0	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. 0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

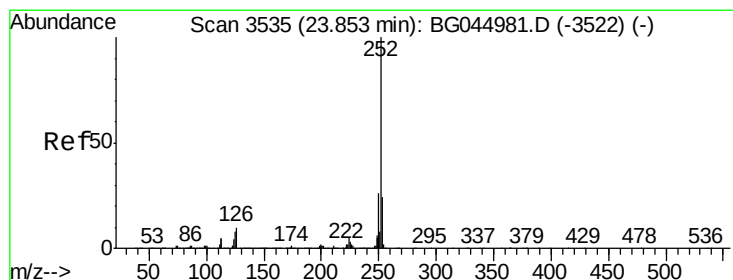
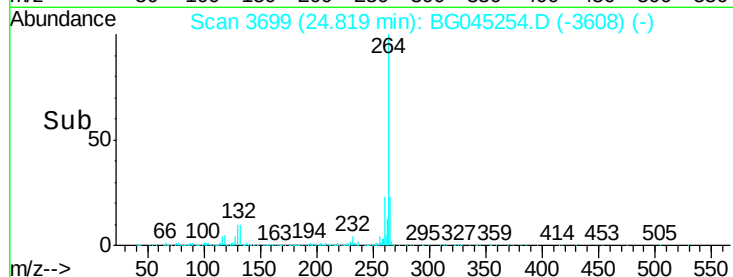
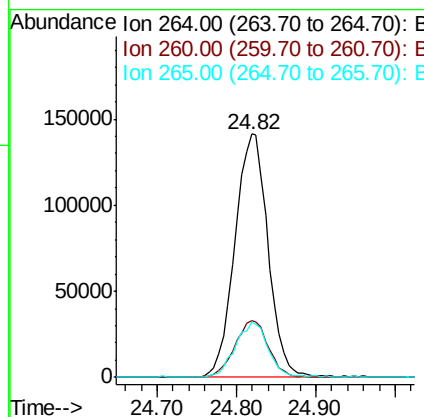
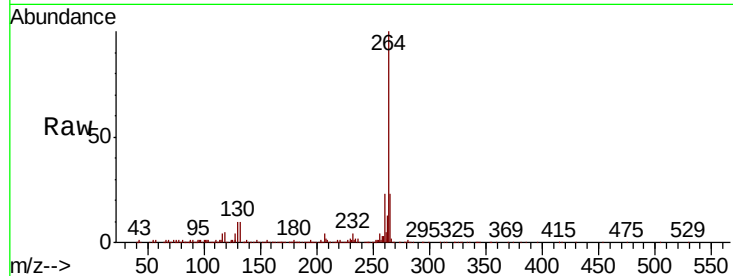
ClientSampleId :

PB128675BS

Tot Ion:	264	Resp:	409664
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	22.7	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 43.645 ng

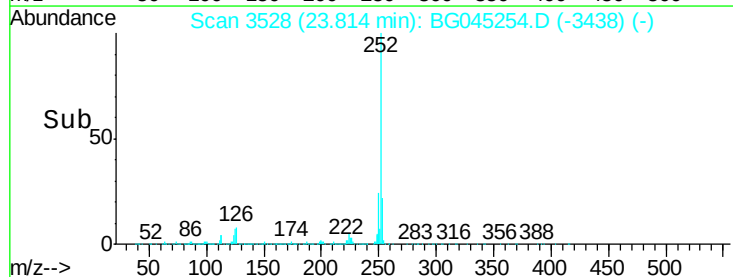
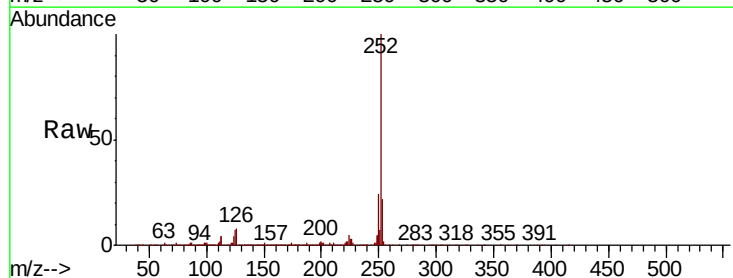
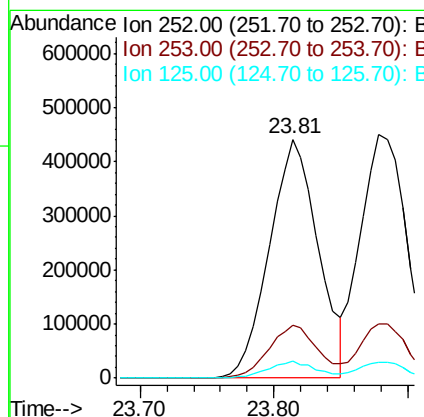
RT: 23.81 min Scan# 3528

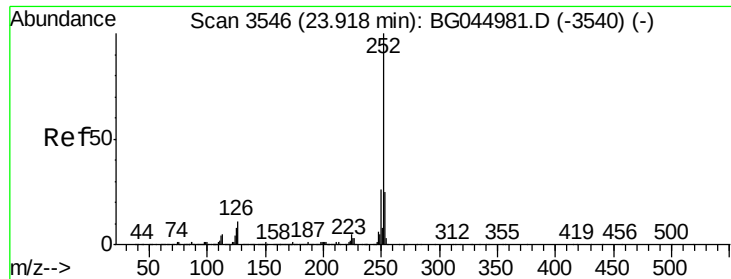
Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Tgt Ion:	252	Resp:	1119976
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.8	28.2
125	7.0	6.2	9.4





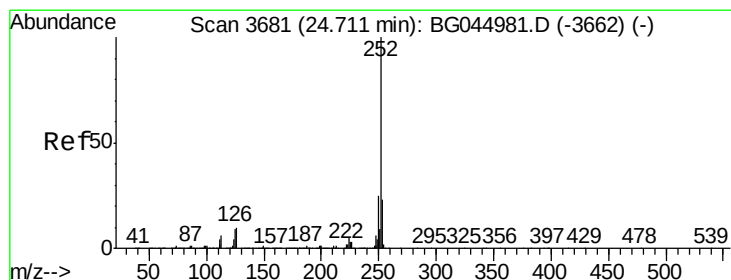
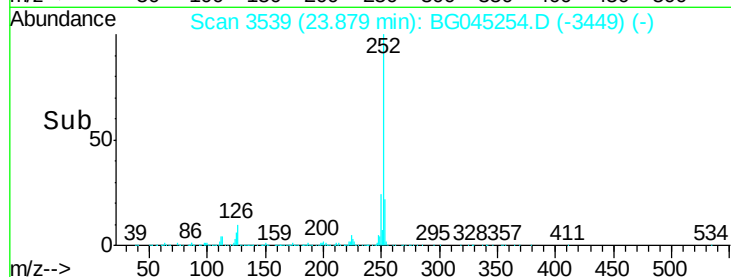
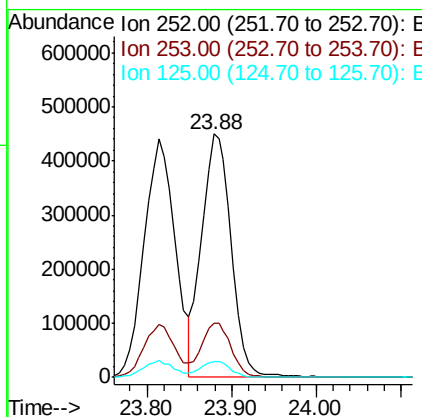
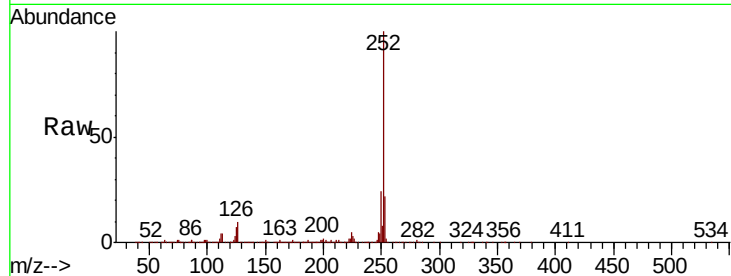
#89
Benzo(k)fluoranthene
Concen: 44.612 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Instrument :
BNA_G
ClientSampleId :
PB128675BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.2	28.8
125	6.5	5.9	8.9

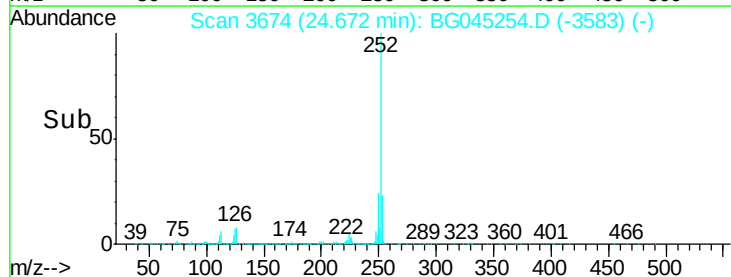
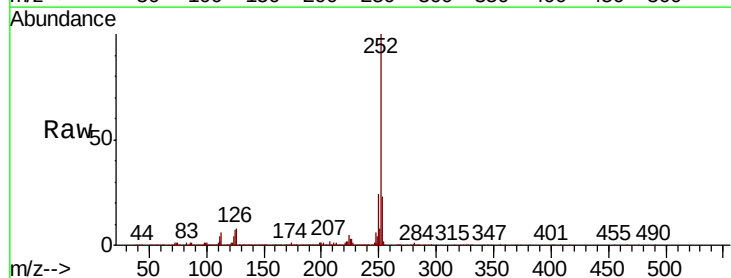
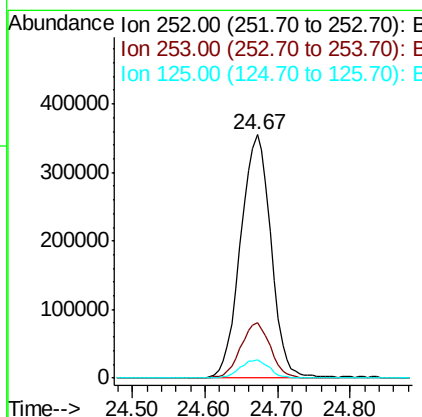
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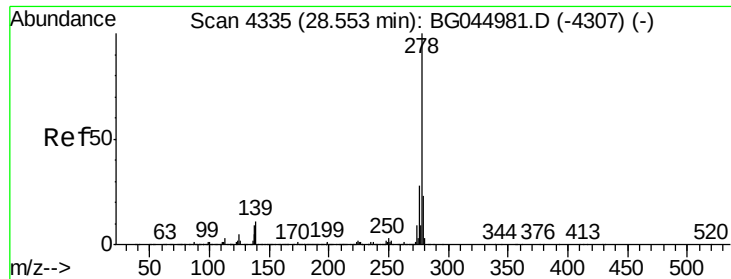
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#90
Benzo(a)pyrene
Concen: 42.597 ng
RT: 24.67 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BG045254.D
Acq: 6 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	7.4	7.0	10.6





#91

Dibenzo(a,h)anthracene

Concen: 44.573 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

Instrument :

BNA_G

ClientSampleId :

PB128675BS

Tot Ion:278 Resp: 1088178

Ion Ratio Lower Upper

278 100

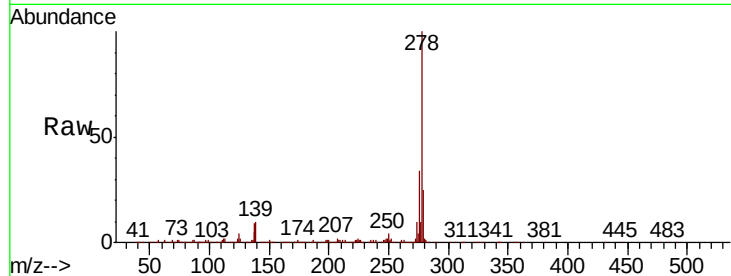
139 10.0 9.0 13.6

279 24.7 18.4 27.6

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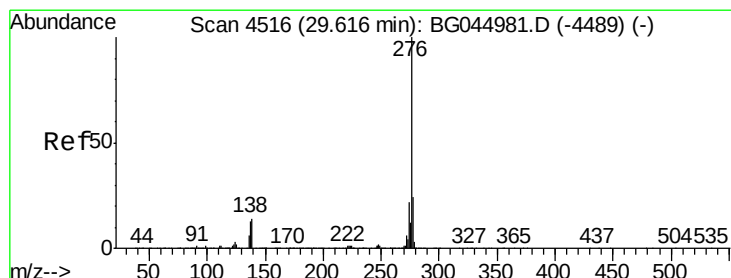
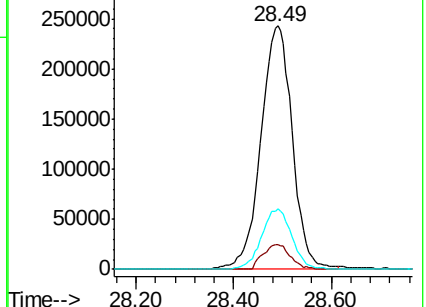
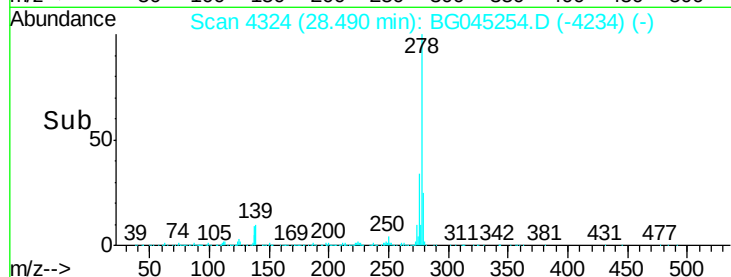
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.151 ng

RT: 29.55 min Scan# 4505

Delta R.T. -0.00 min

Lab File: BG045254.D

Acq: 6 May 2020 15:39

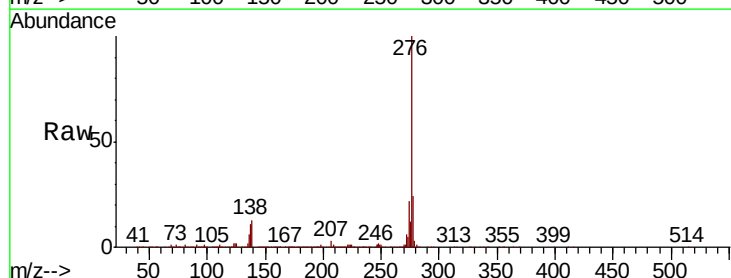
Tgt Ion:276 Resp: 1105119

Ion Ratio Lower Upper

276 100

277 24.4 19.3 28.9

138 12.6 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

