

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045651.D
 Acq On : 8 Jun 2020 20:56
 Operator : CG/JU
 Sample : L2814-13MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Manual Integrations
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 6/9/2020 12:22:23 PM

Quant Time: Jun 09 01:13:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59417	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	240149	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	165967	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	388904	20.00	ng	0.00
76) Chrysene-d12	21.61	240	371774	20.00	ng	0.00
87) Perylene-d12	24.75	264	398102	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	470371	154.71	ng	0.00
7) Phenol-d6	7.15	99	592073	136.82	ng	0.00
23) Nitrobenzene-d5	9.12	82	487152	110.62	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	347989	163.95	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1068170	109.17	ng	0.00
79) Terphenyl-d14	19.96	244	1803683	113.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	64869	43.026	ng	# 50
3) Pyridine	3.82	79	129961	30.951	ng	98
4) n-Nitrosodimethylamine	3.72	42	69843	50.831	ng	91
6) Aniline	7.28	93	189970	33.630	ng	97
8) 2-Chlorophenol	7.52	128	186362	55.896	ng	98
9) Benzaldehyde	7.08	77	102027	36.188	ng	99
10) Phenol	7.17	94	213142	47.791	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	177352	50.982	ng	99
12) 1,3-Dichlorobenzene	7.84	146	197205	49.219	ng	98
13) 1,4-Dichlorobenzene	7.98	146	197259	49.888	ng	93
14) 1,2-Dichlorobenzene	8.31	146	189662	49.872	ng	97
15) Benzyl Alcohol	8.19	79	204984	57.342	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.48	45	164438	49.798	ng	96
17) 2-Methylphenol	8.42	107	166581	49.902	ng	95
18) Hexachloroethane	9.03	117	77937	51.465	ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	160855	53.755	ng	97
20) 3+4-Methylphenols	8.75	107	223578	49.184	ng	95
22) Acetophenone	8.78	105	296900	52.163	ng	# 98
24) Nitrobenzene	9.15	77	245191	51.966	ng	96
25) Isophorone	9.68	82	452476	52.171	ng	98
26) 2-Nitrophenol	9.87	139	108752	53.880	ng	98
27) 2,4-Dimethylphenol	9.95	122	179761	60.048	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	243895	53.623	ng	99
29) 2,4-Dichlorophenol	10.42	162	198257	56.083	ng	96
30) 1,2,4-Trichlorobenzene	10.62	180	218085	52.208	ng	99
31) Naphthalene	10.81	128	587689	52.515	ng	100
32) Benzoic acid	10.12	122	64237	34.985	ng	85
33) 4-Chloroaniline	10.92	127	84291	18.019	ng	96
34) Hexachlorobutadiene	11.10	225	150191	50.865	ng	98
35) Caprolactam	11.71	113	49004m	37.766	ng	
36) 4-Chloro-3-methylphenol	12.07	107	228028	57.244	ng	91
37) 2-Methylnaphthalene	12.42	142	444276	53.265	ng	95
38) 1-Methylnaphthalene	12.64	142	417176	52.948	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	253659	54.719	ng	99

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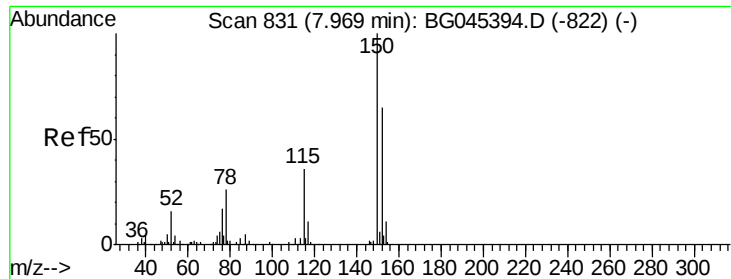
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	265218	99.123	nq	99
43) 2,4,6-Trichlorophenol	13.03	196	175387	54.464	nq	99
44) 2,4,5-Trichlorophenol	13.12	196	182932	49.711	nq	99
46) 1,1'-Biphenyl	13.43	154	569891	55.883	nq	98
47) 2-Chloronaphthalene	13.47	162	433471	52.345	nq	99
48) 2-Nitroaniline	13.68	65	145627	53.460	nq	91
49) Acenaphthylene	14.32	152	710612	53.423	nq	99
50) Dimethylphthalate	14.05	163	745483	65.478	nq	97
51) 2,6-Dinitrotoluene	14.17	165	136112	52.981	nq	98
52) Acenaphthene	14.66	154	532659m	59.824	nq	
53) 3-Nitroaniline	14.50	138	86397	33.082	nq	89
54) 2,4-Dinitrophenol	14.72	184	155667	91.645	nq	98
55) Dibenzofuran	15.00	168	697666	52.764	nq	97
56) 4-Nitrophenol	14.85	139	158541	80.184	nq	84
57) 2,4-Dinitrotoluene	14.96	165	192408	51.713	nq	98
58) Fluorene	15.64	166	577722	53.184	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	174010	53.748	nq	98
60) Diethylphthalate	15.41	149	613781	51.795	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	320954	51.633	nq	97
62) 4-Nitroaniline	15.67	138	137251	50.342	nq	93
63) Azobenzene	15.93	77	589697	53.368	nq	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	123645	54.590	nq	97
66) n-Nitrosodiphenylamine	15.85	169	511069	54.733	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	223723	53.126	nq	99
68) Hexachlorobenzene	16.66	284	241527	54.836	nq	98
69) Atrazine	16.81	200	196056	50.976	nq	97
70) Pentachlorophenol	17.01	266	237980	104.057	nq	98
71) Phenanthrene	17.39	178	924335	54.444	nq	99
72) Anthracene	17.48	178	936308	54.916	nq	97
73) Carbazole	17.75	167	873617	52.566	nq	98
74) Di-n-butylphthalate	18.31	149	1053159	52.797	nq	100
75) Fluoranthene	19.40	202	1160988	53.762	nq	99
77) Benzidine	19.57	184	320445	30.690	nq	98
78) Pyrene	19.76	202	1166514	55.043	nq	99
80) Butylbenzylphthalate	20.65	149	474986	51.926	nq	99
81) Benzo(a)anthracene	21.58	228	1121575	54.155	nq	100
82) 3,3'-Dichlorobenzidine	21.50	252	283132	34.852	nq	97
83) Chrysene	21.65	228	1075459	54.006	nq	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	668228	53.142	nq	98
85) Di-n-octyl phthalate	22.68	149	1108478	51.326	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1382740	53.099	nq	98
88) Benzo(b)fluoranthene	23.76	252	1197143	56.070	nq	99
89) Benzo(k)fluoranthene	23.83	252	1126308	56.151	nq	98
90) Benzo(a)pyrene	24.60	252	1069662	53.794	nq	98
91) Dibenzo(a,h)anthracene	28.38	278	1142347	57.169	nq	98
92) Benzo(g,h,i)perylene	29.44	276	1150267	57.558	nq	98

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



#1

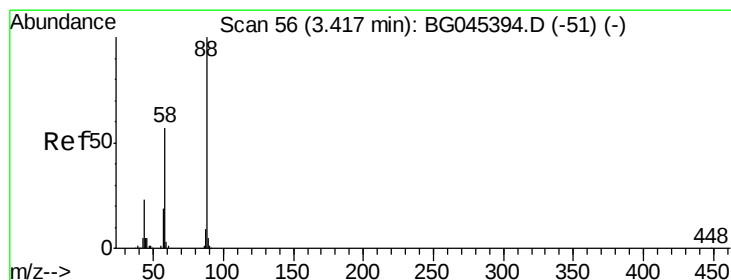
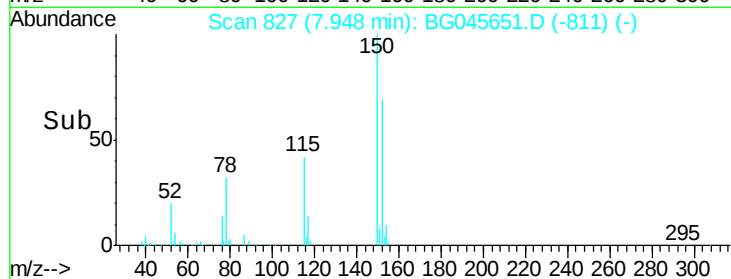
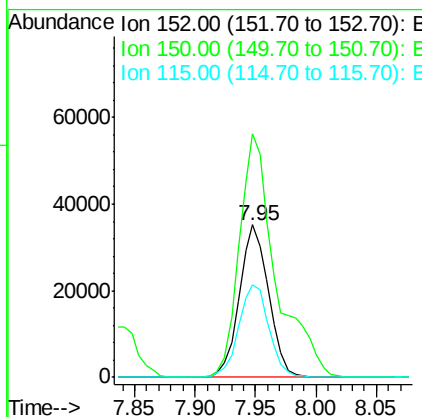
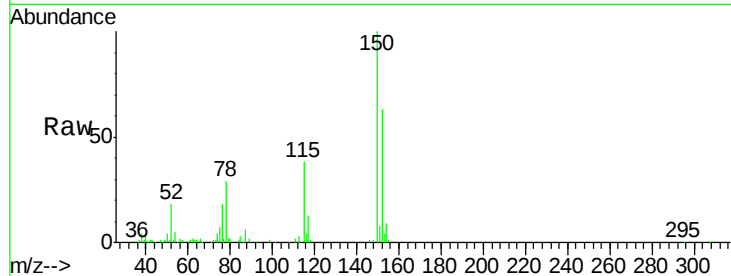
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.4	183.6
115	60.7	44.2	66.4

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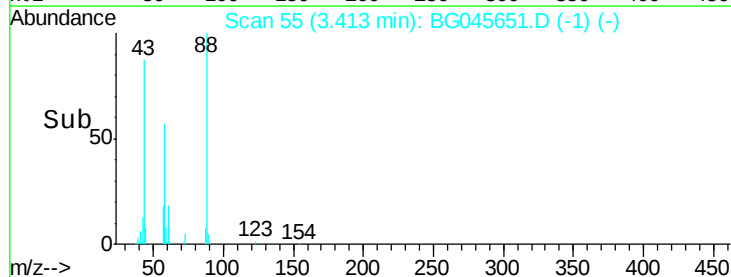
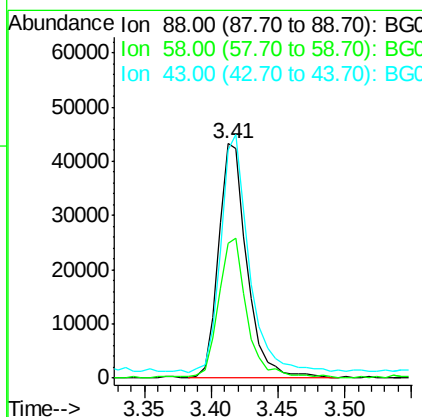
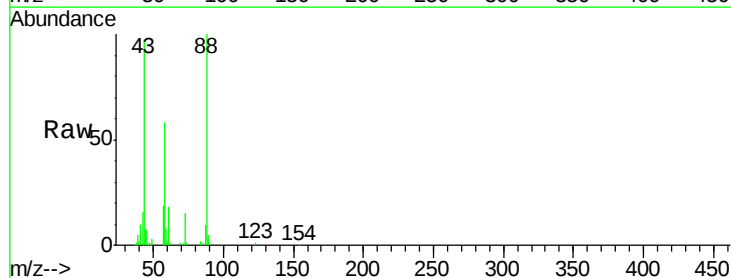
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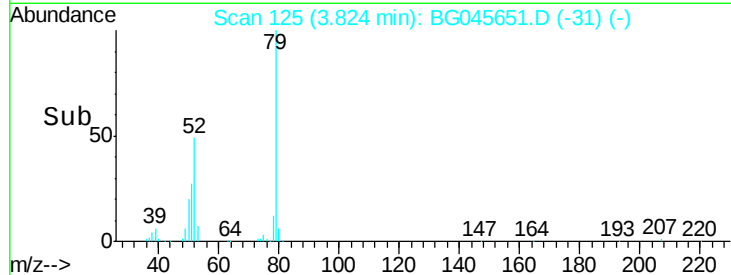
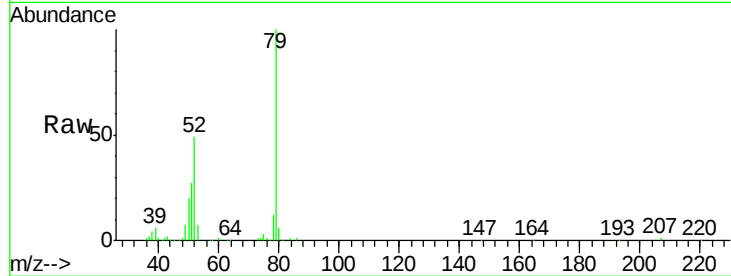
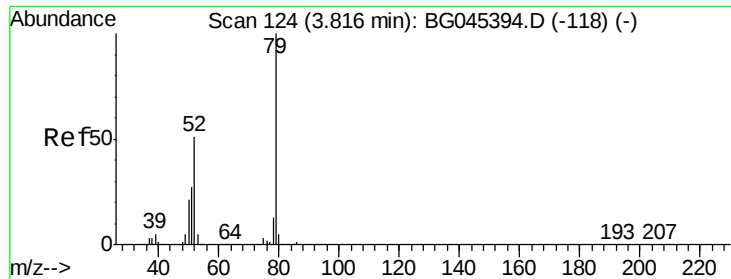


#2

1,4-Dioxane
Concen: 43.026 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.01 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.2	45.7	68.5
43	102.0	16.8	25.2





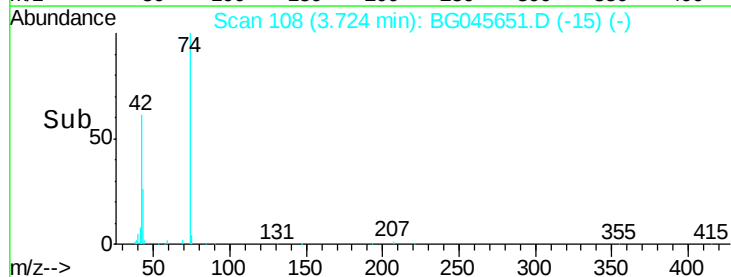
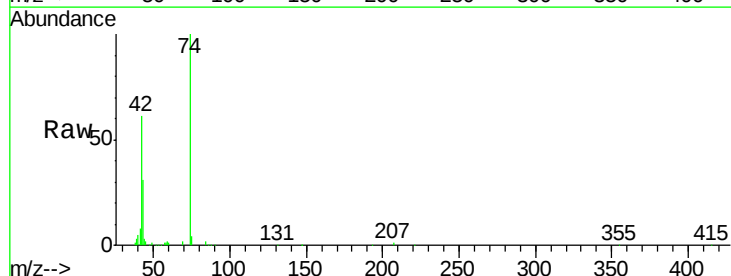
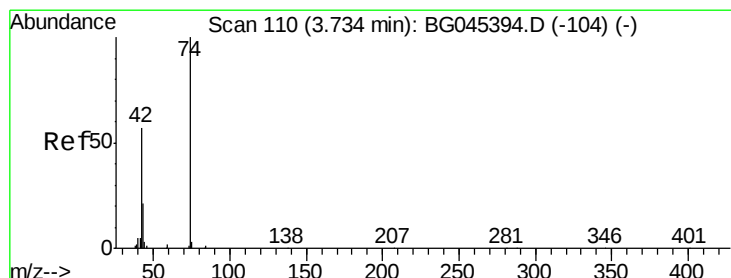
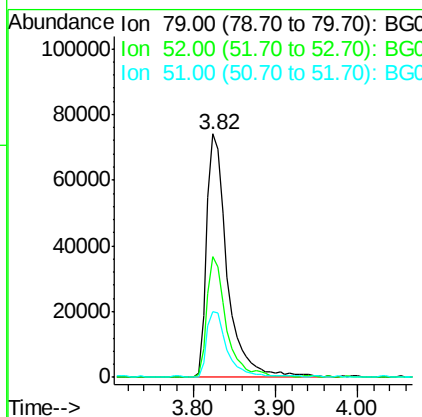
#3
 Pvridine
 Concen: 30.951 ng
 RT: 3.82 min Scan# 125
 Delta R.T. 0.02 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	49.4	40.8	61.2
51	27.0	21.9	32.9

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

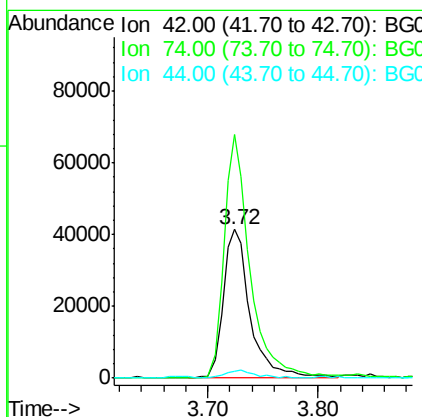
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#4
 n-Nitrosodimethylamine
 Concen: 50.831 ng
 RT: 3.72 min Scan# 108
 Delta R.T. 0.01 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	163.6	141.3	211.9
44	4.7	4.2	6.4





#5

2-Fluorophenol

Concen: 154.711 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

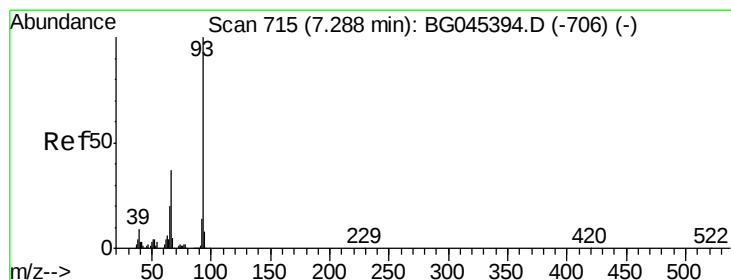
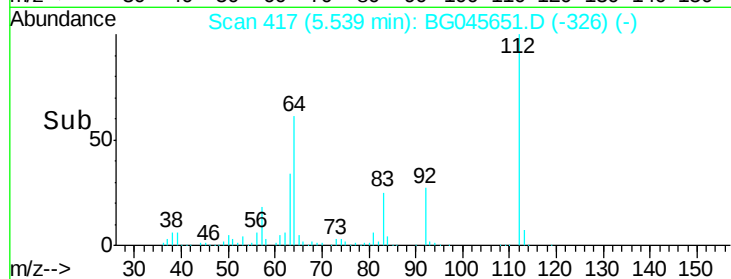
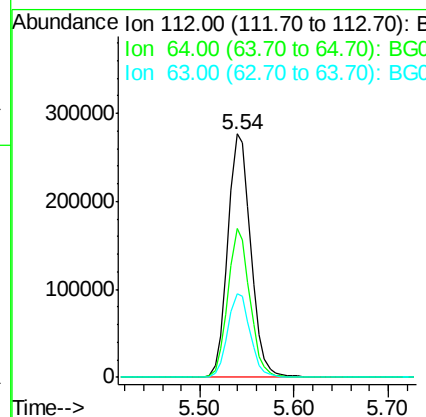
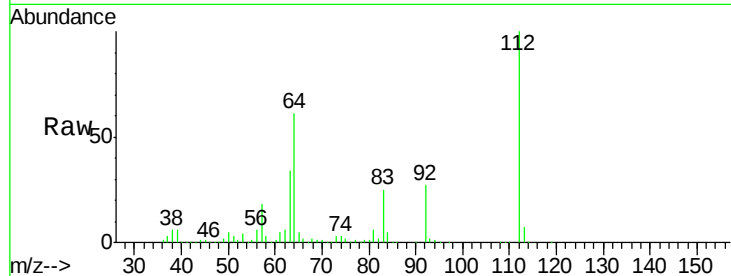
ClientSampleId :

PL-01-060320MS

Tot Ion:	112	Resp:	470371
Ion Ratio	Lower	Upper	
112	100		
64	61.0	48.6	72.8
63	34.3	26.5	39.7

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#6

Aniline

Concen: 33.630 ng

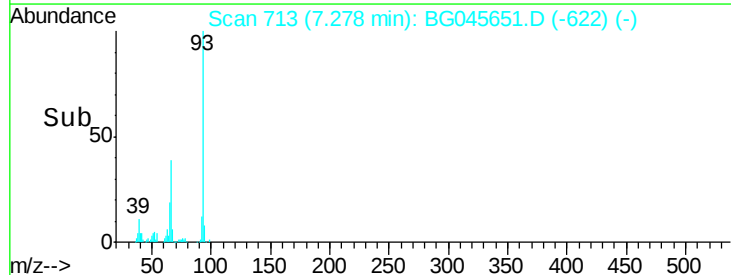
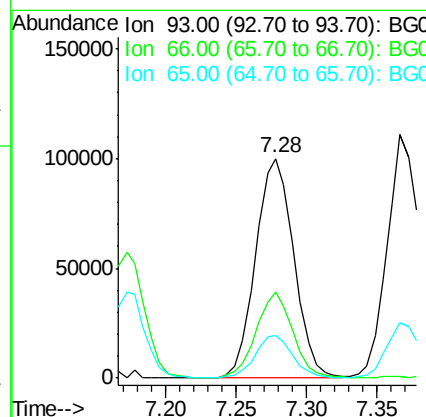
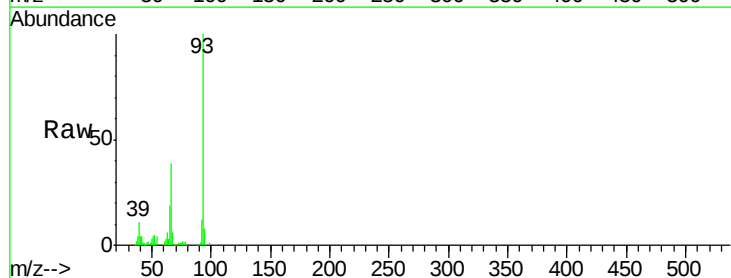
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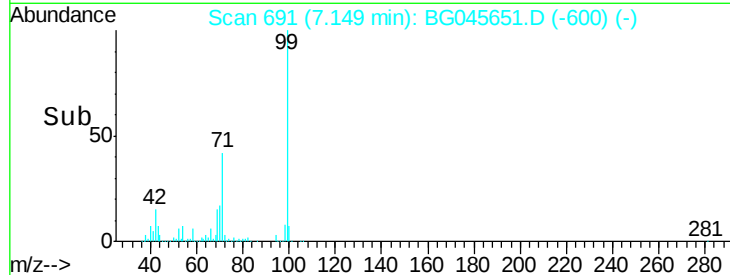
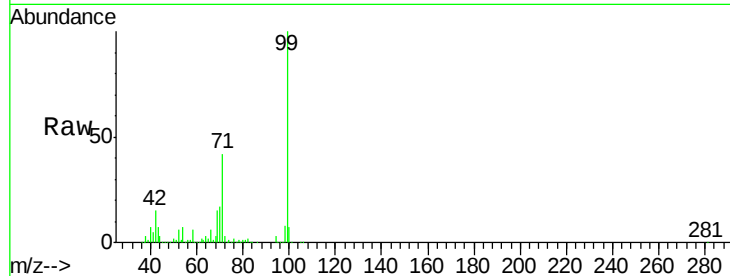
Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion:	93	Resp:	189970
Ion Ratio	Lower	Upper	
93	100		
66	39.3	29.6	44.4
65	19.4	15.9	23.9





#7

Phenol-d6

Concen: 136.823 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		592073		
42	15.4	11.3	16.9		
71	41.5	30.8	46.2		

Instrument :

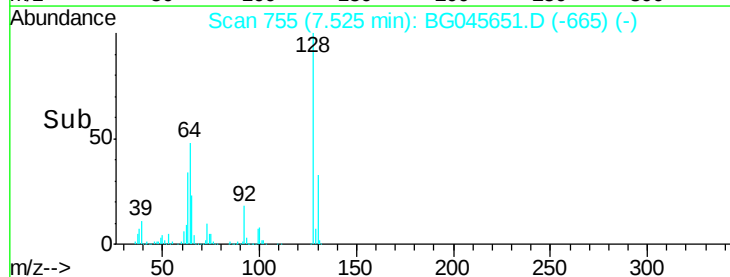
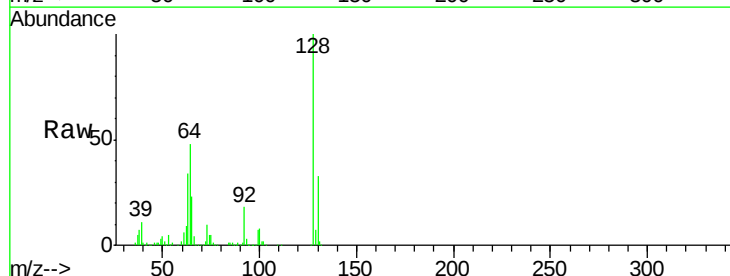
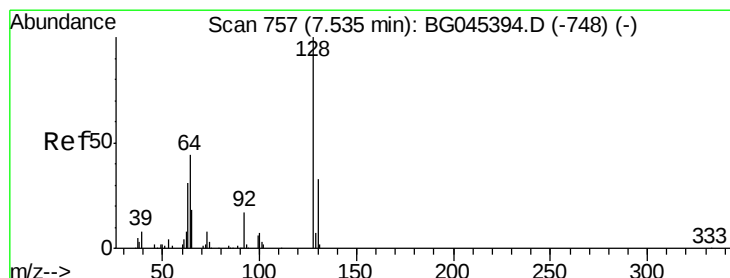
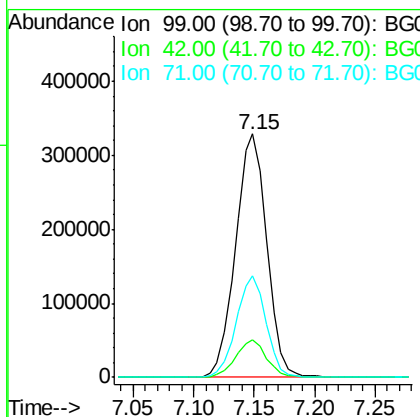
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#8

2-Chlorophenol

Concen: 55.896 ng

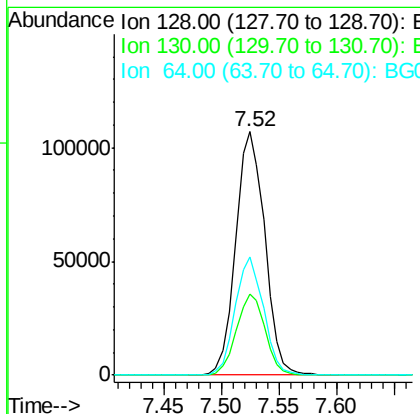
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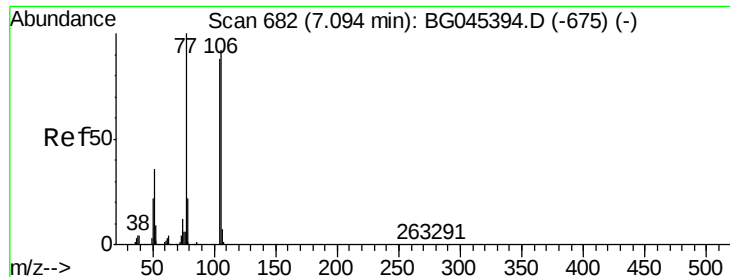
Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		186362		
130	33.5	12.6	52.6		
64	48.5	27.0	67.0		





#9

Benzaldehyde

Concen: 36.188 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

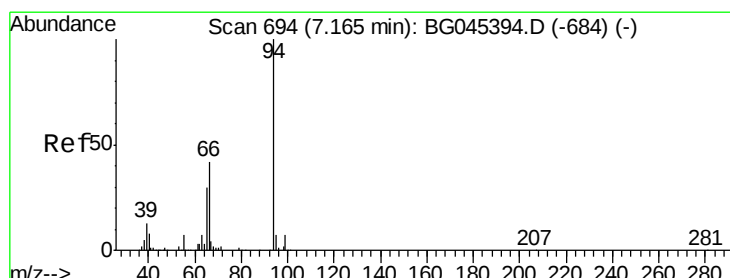
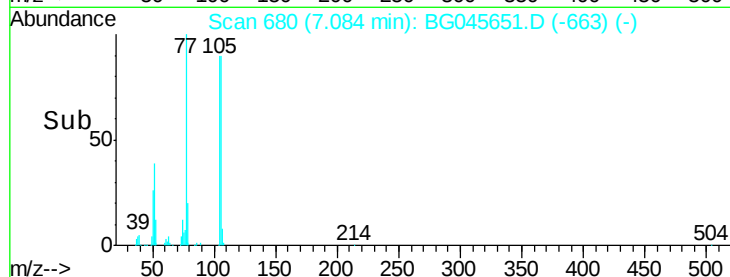
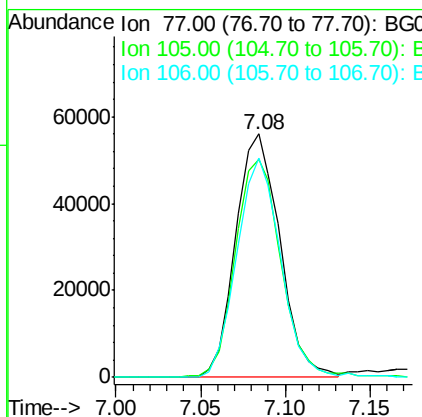
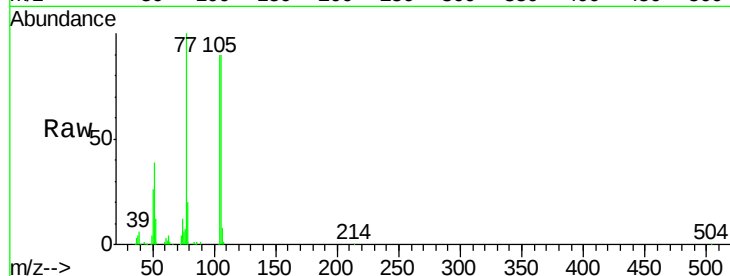
ClientSampleId :

PL-01-060320MS

Tot Ion:	77	Resp:	102027
Ion Ratio	Lower	Upper	
77	100		
105	89.6	68.5	108.5
106	90.3	71.6	111.6

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#10

Phenol

Concen: 47.791 ng

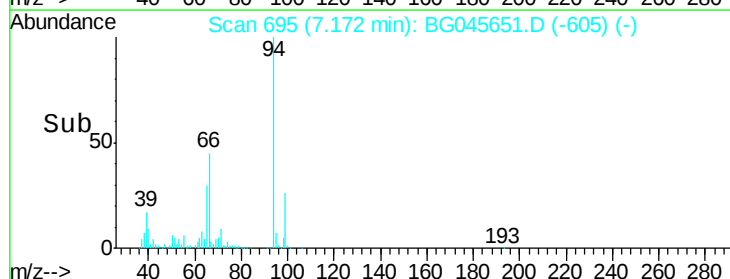
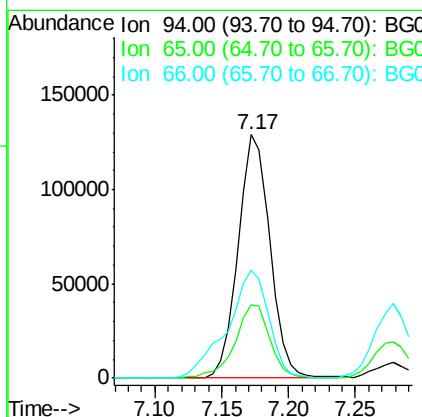
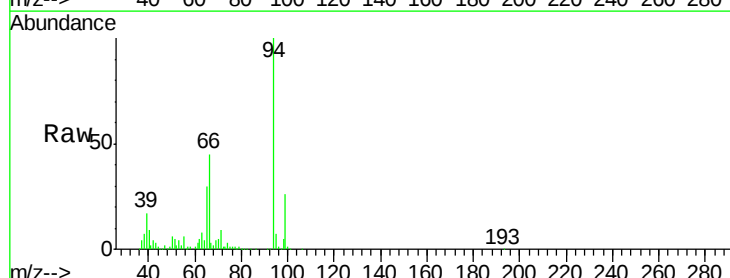
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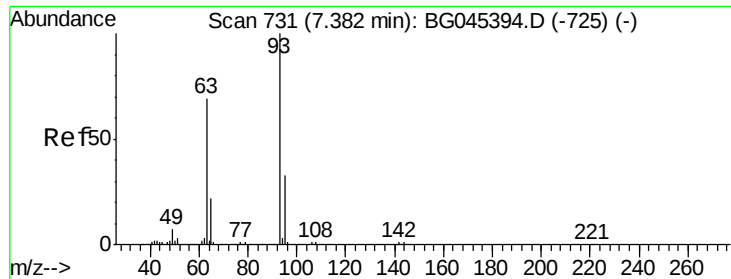
Delta R.T. -0.00 min

Lab File: BG045651.D

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Tgt Ion:	94	Resp:	213142
Ion Ratio	Lower	Upper	
94	100		
65	30.3	9.8	49.8
66	44.5	22.0	62.0





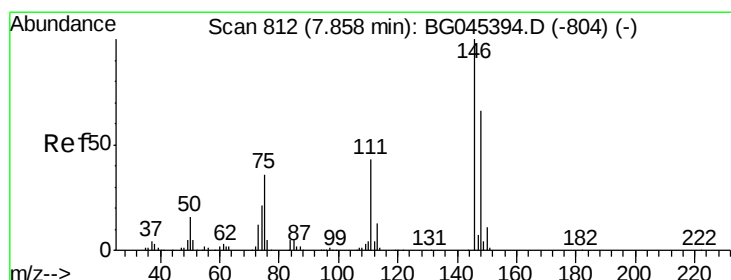
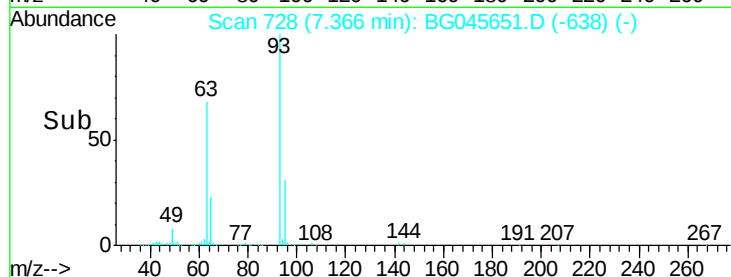
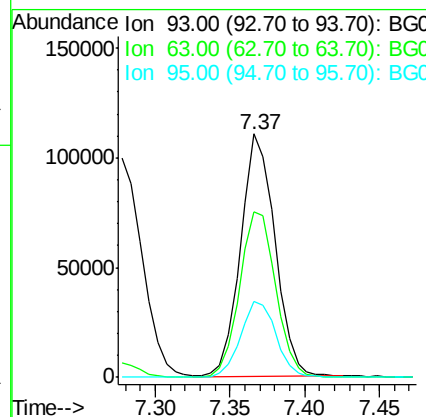
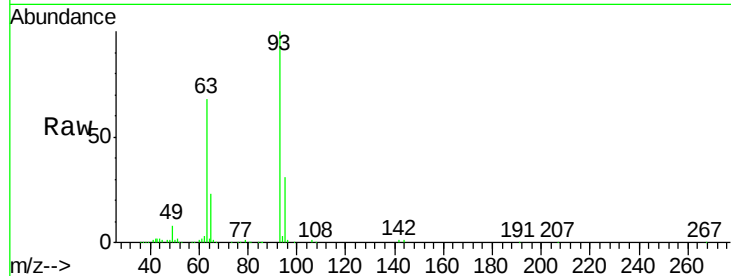
#11
bis(2-Chloroethyl)ether
Concen: 50.982 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		177352		
63	68.0	48.4	88.4		
95	31.0	12.4	52.4		

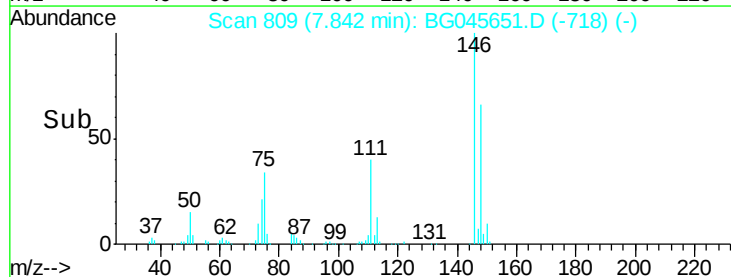
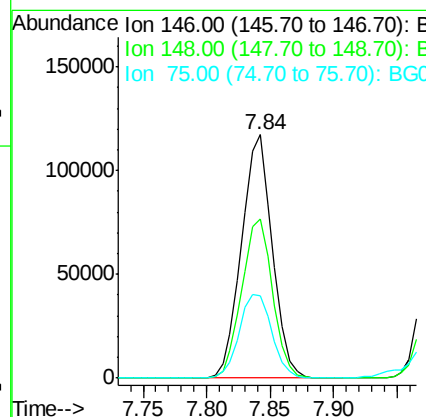
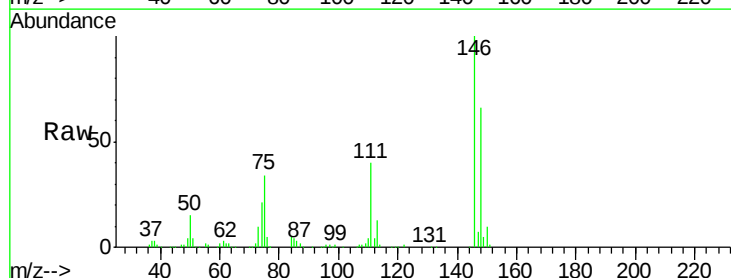
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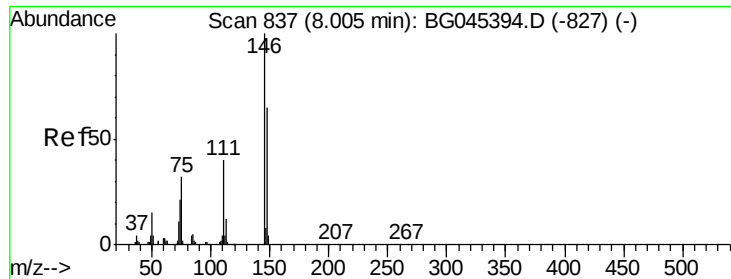
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#12
1,3-Dichlorobenzene
Concen: 49.219 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		197205		
148	65.5	53.2	79.8		
75	34.1	28.6	43.0		





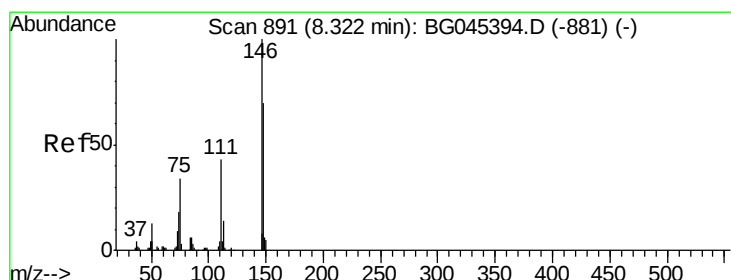
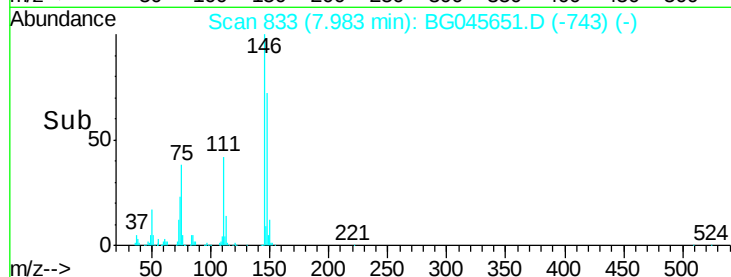
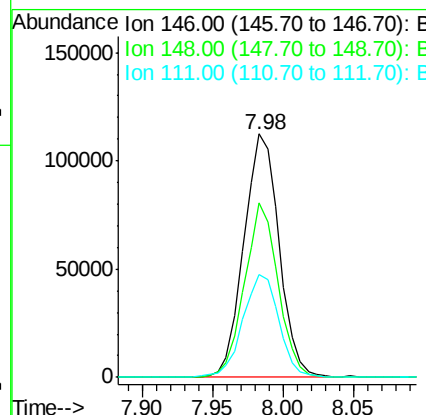
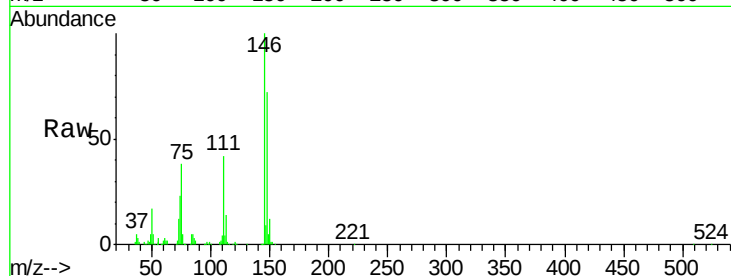
#13
 1,4-Dichlorobenzene
 Concen: 49.888 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	71.6	51.8	77.8
111	42.3	32.1	48.1

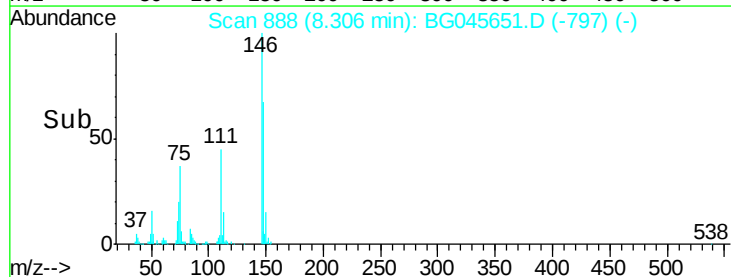
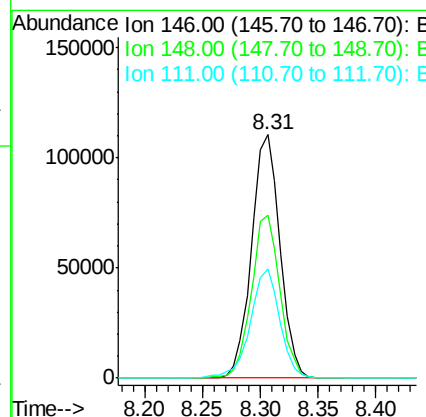
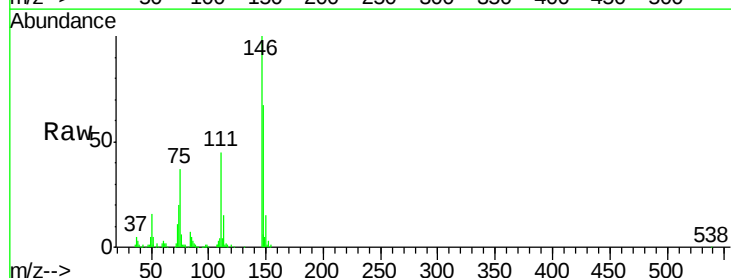
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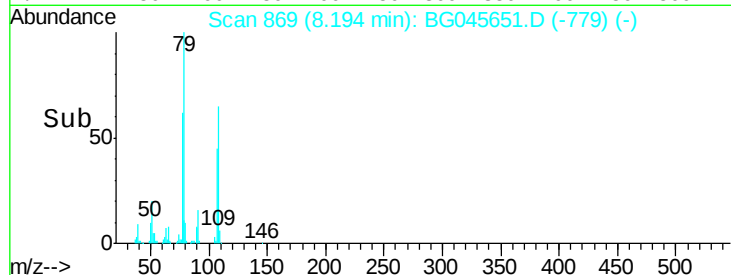
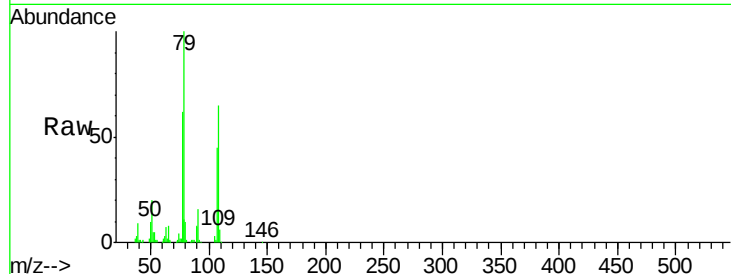
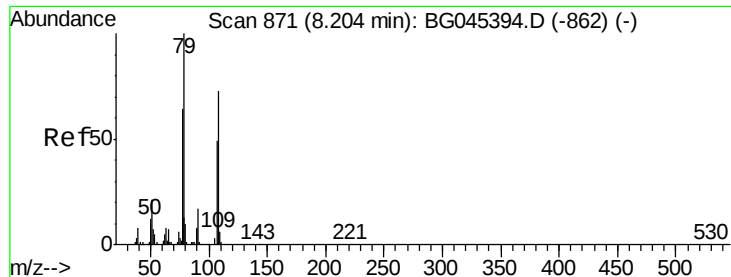
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#14
 1,2-Dichlorobenzene
 Concen: 49.872 ng
 RT: 8.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	55.9	83.9
111	44.7	35.0	52.4





#15

Benzyl Alcohol

Concen: 57.342 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tot Ion	79	Resp	204984
Ion Ratio	Lower	Upper	
79	100		
108	64.5	58.2	87.4
77	62.4	51.0	76.4

Instrument :

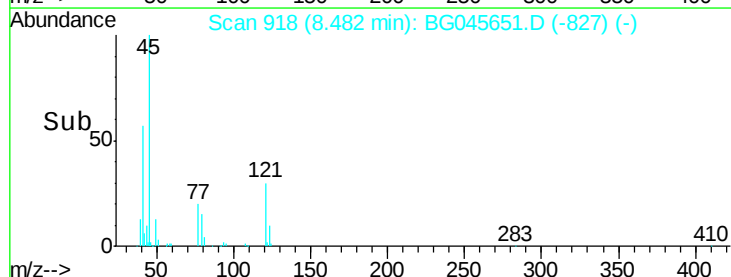
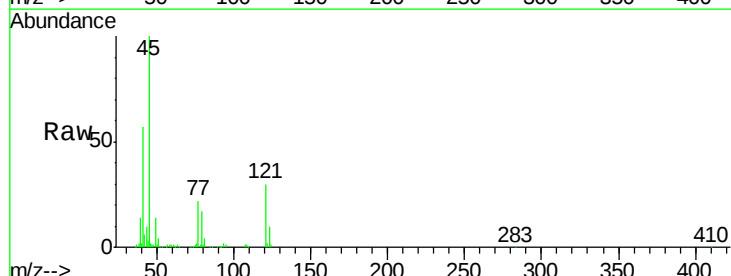
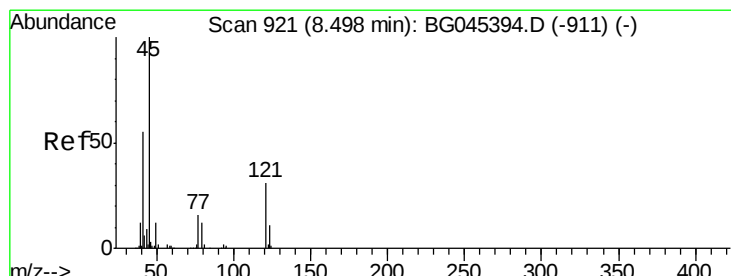
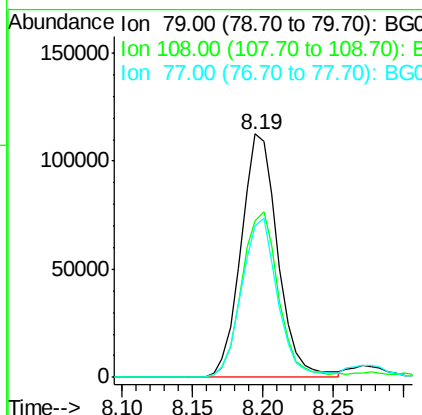
BNA_G

ClientSampleId :

PL-01-060320MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.798 ng

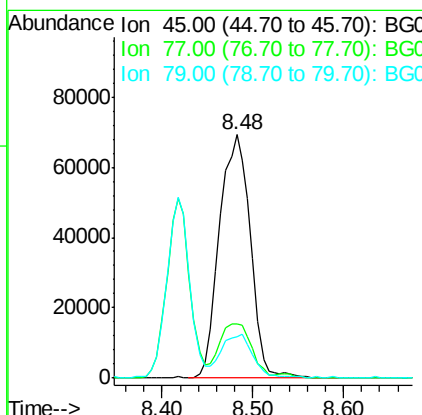
RT: 8.48 min Scan# 918

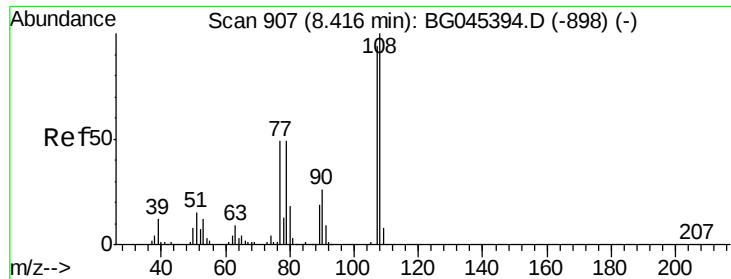
Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion	45	Resp	164438
Ion Ratio	Lower	Upper	
45	100		
77	22.4	4.0	44.0
79	16.9	0.0	38.6





#17

2-Methylphenol

Concen: 49.902 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

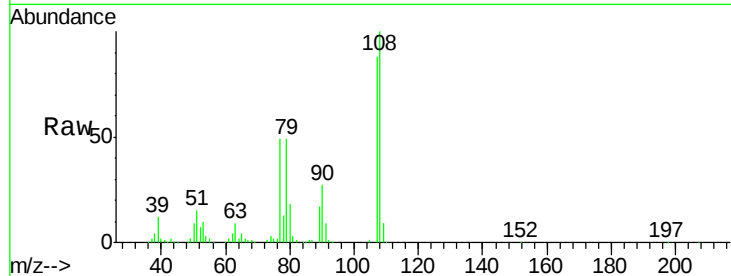
ClientSampleId :

PL-01-060320MS

Tot Ion:	107	Resp:	166581
Ion Ratio	Lower	Upper	
107	100		
108	113.1	85.2	127.8
77	54.9	41.6	62.4
79	55.4	41.8	62.8

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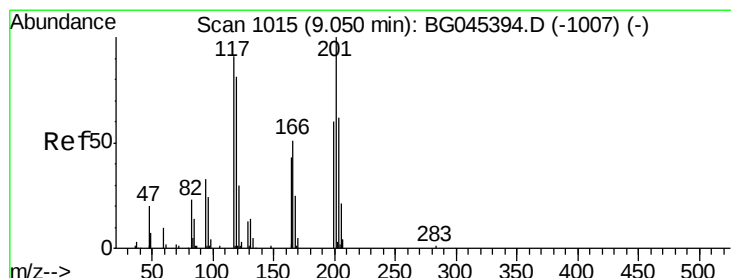
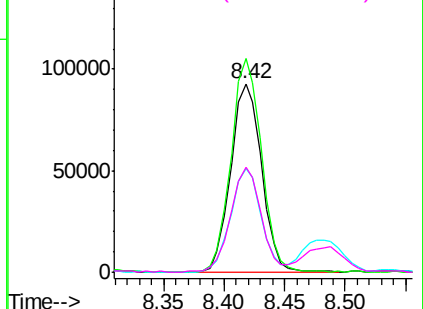
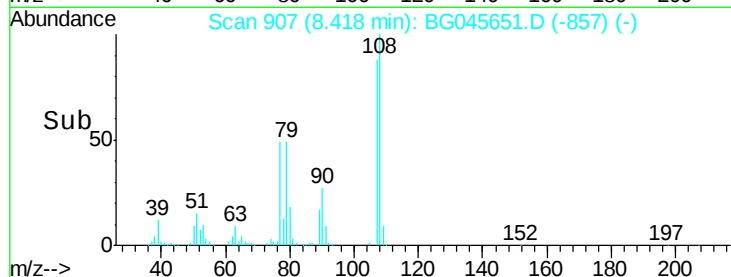


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 51.465 ng

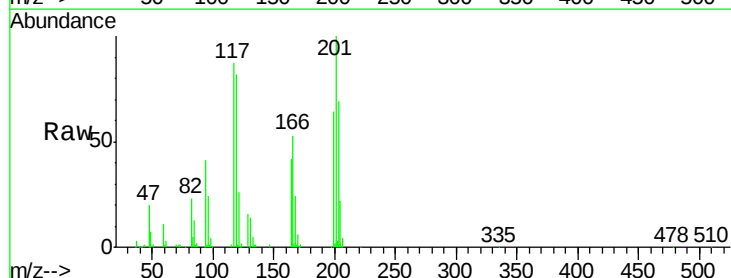
RT: 9.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

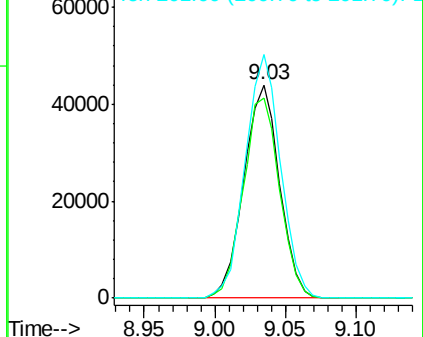
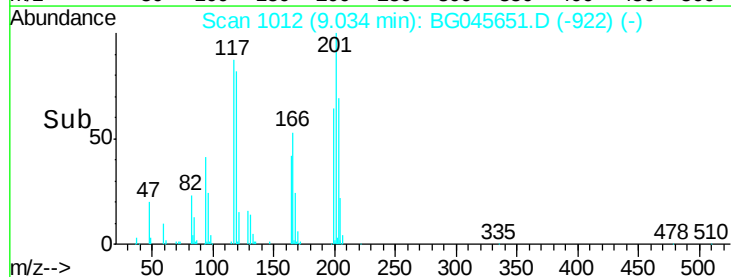
Tgt Ion:	117	Resp:	77937
Ion Ratio	Lower	Upper	
117	100		
119	94.2	71.3	106.9
201	114.3	87.5	131.3

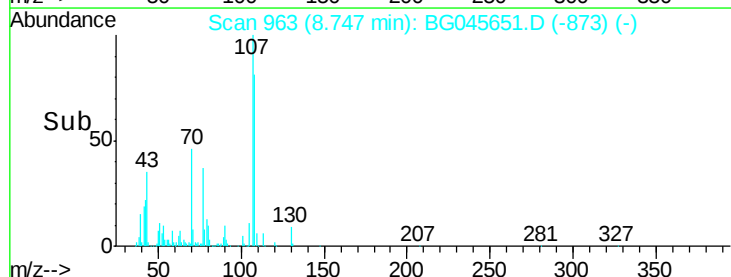
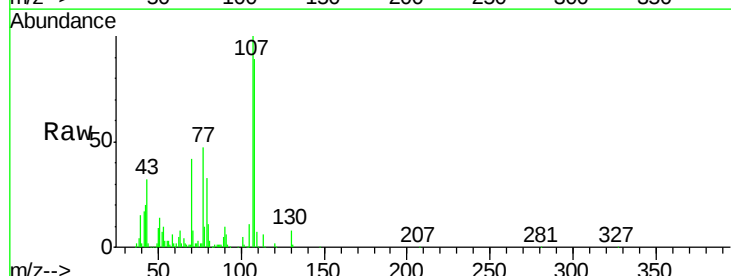
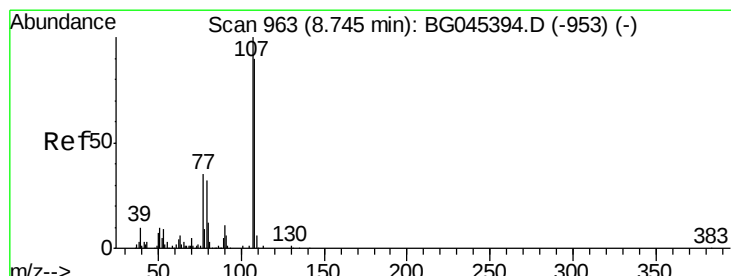
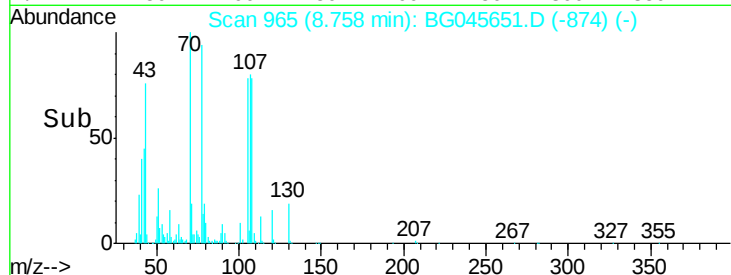
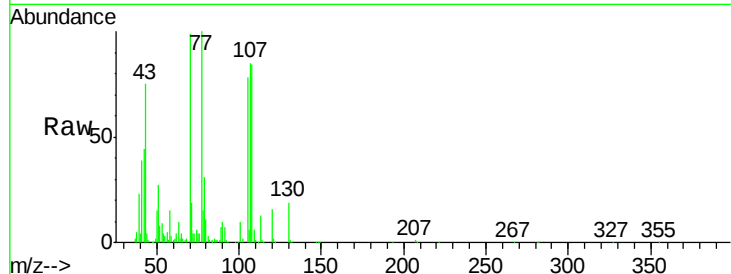


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

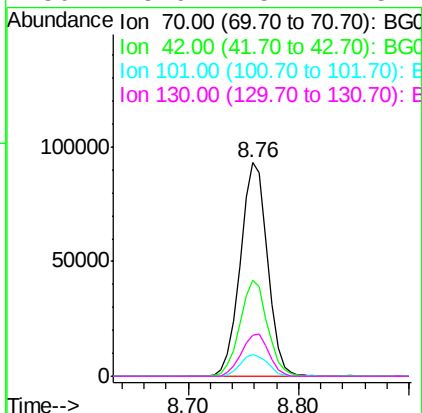
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 53.755 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		160855		
42	44.8	33.2	49.8		
101	10.1	7.8	11.6		
130	18.9	15.4	23.2		



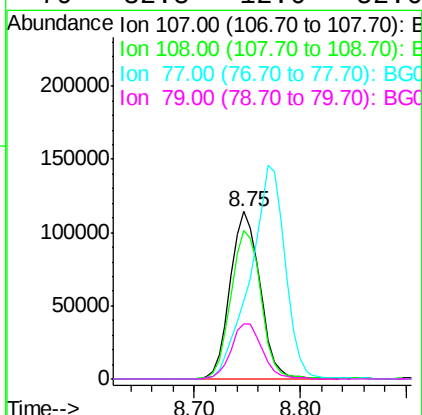
Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

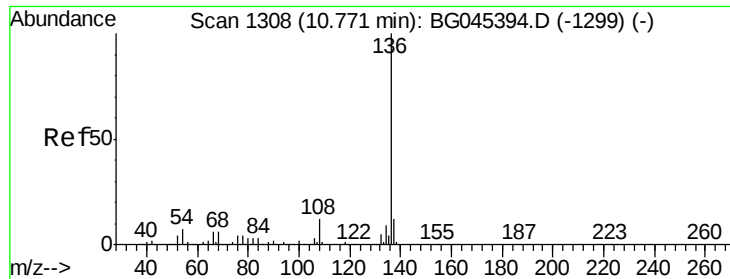
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#20
3+4-Methylphenols
Concen: 49.184 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		223578		
108	88.8	70.3	110.3		
77	46.7	15.4	55.4		
79	32.8	12.6	52.6		





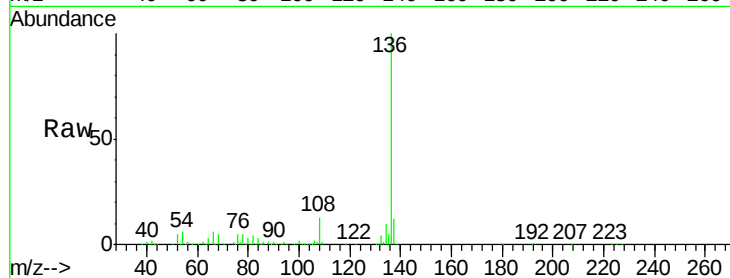
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	5.9	5.8	8.6
68	4.8	4.5	6.7

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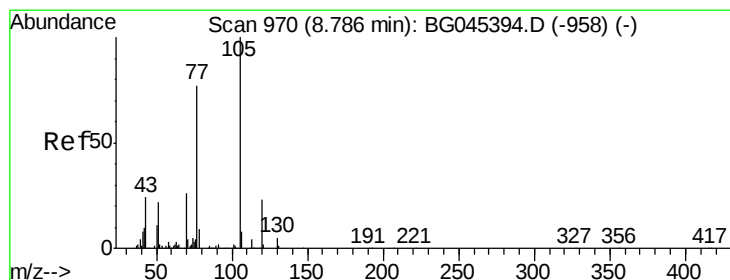
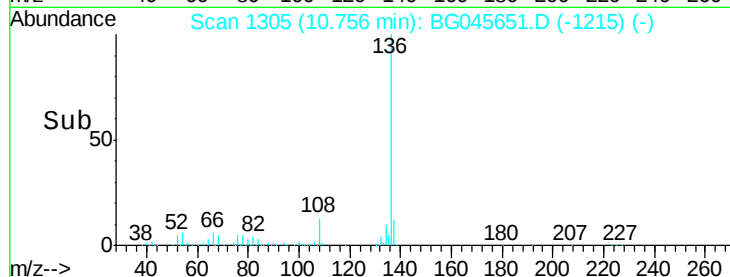
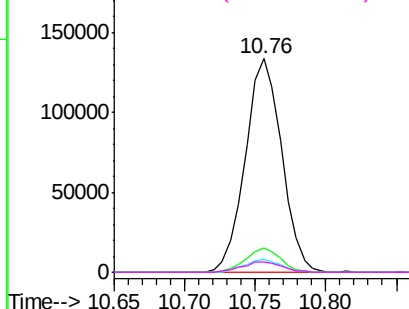
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 52.163 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.4	5.0#
51	23.8	18.2	27.2
120	22.3	18.6	27.8

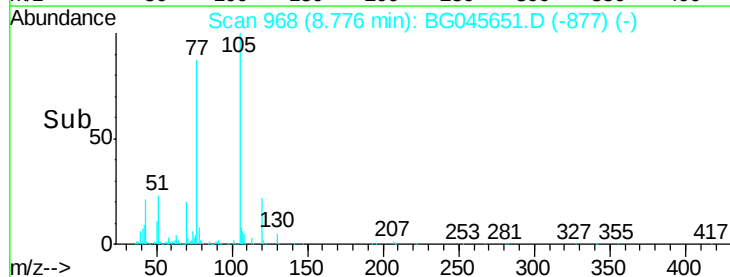
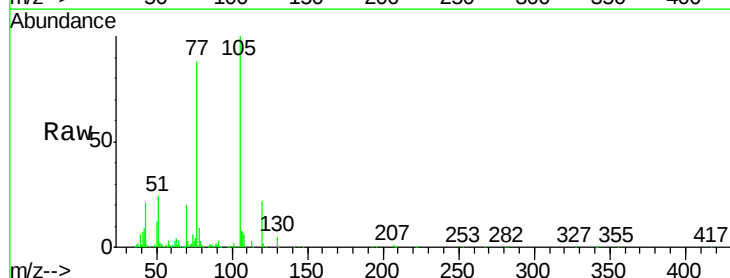
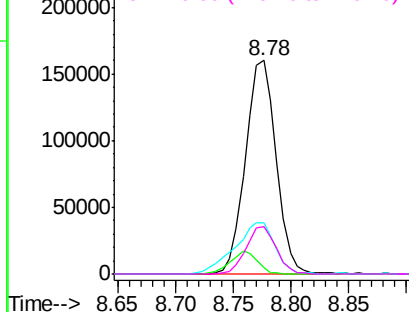
Abundance

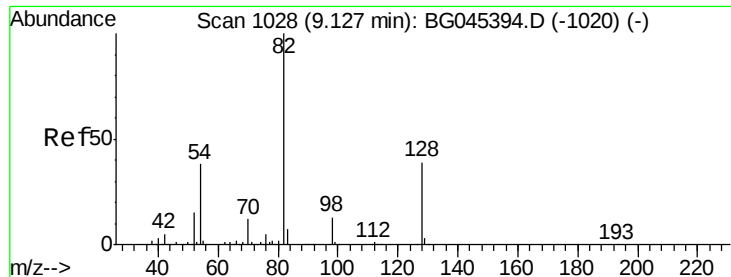
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





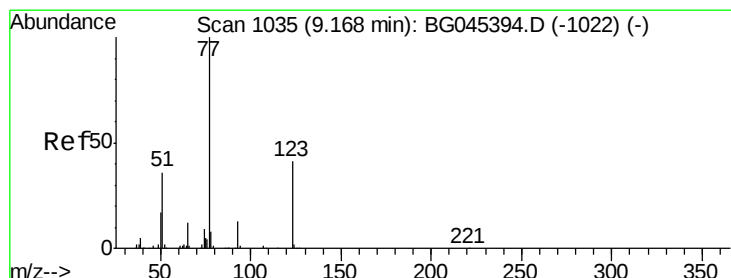
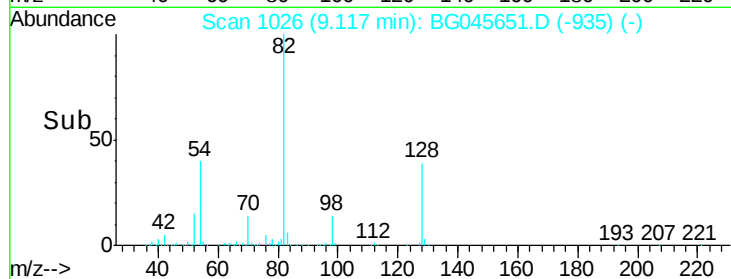
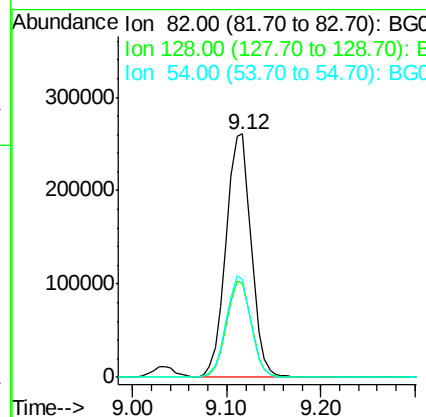
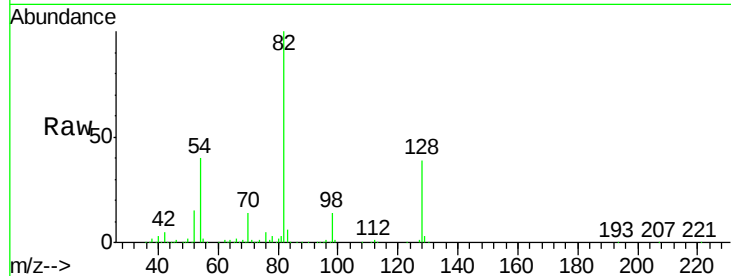
#23
 Nitrobenzene-d5
 Concen: 110.620 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	487152		
128	38.6	30.9	46.3	
54	39.9	30.3	45.5	

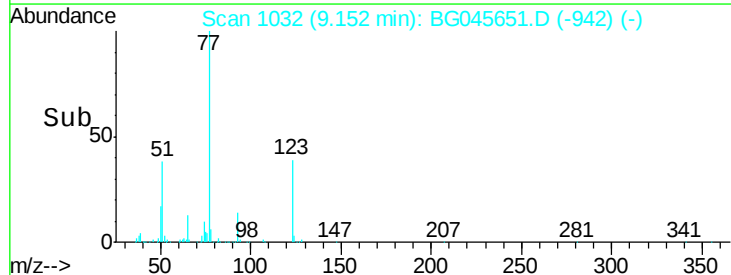
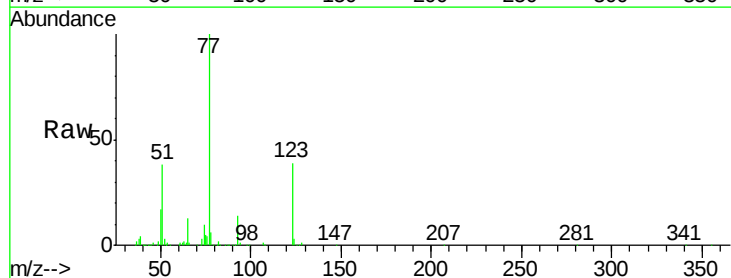
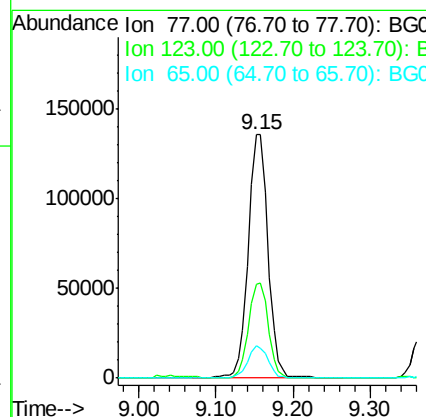
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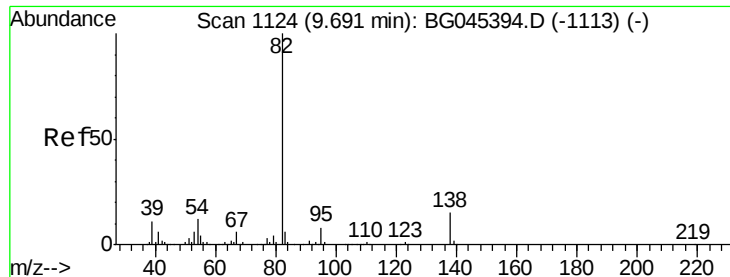
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#24
 Nitrobenzene
 Concen: 51.966 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	245191		
123	38.6	32.9	49.3	
65	13.1	9.4	14.2	





#25

Isophorone

Concen: 52.171 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

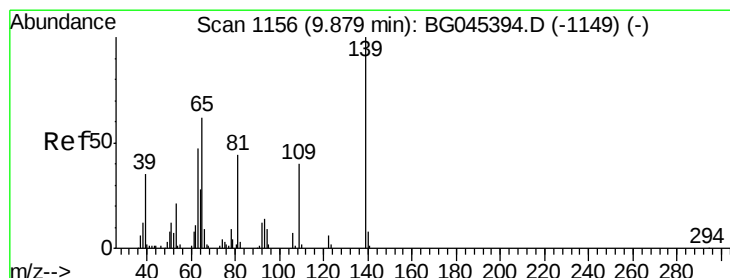
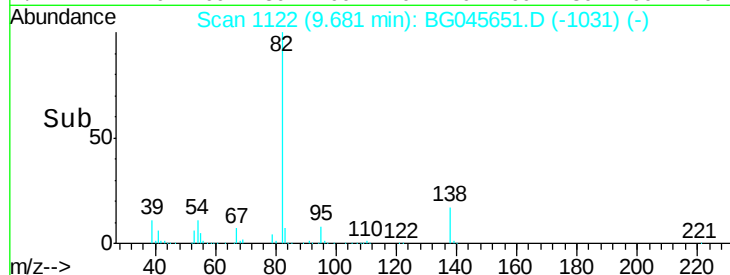
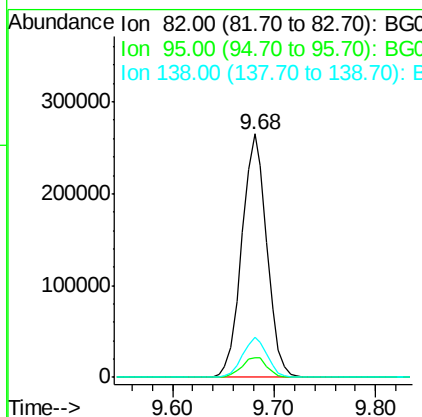
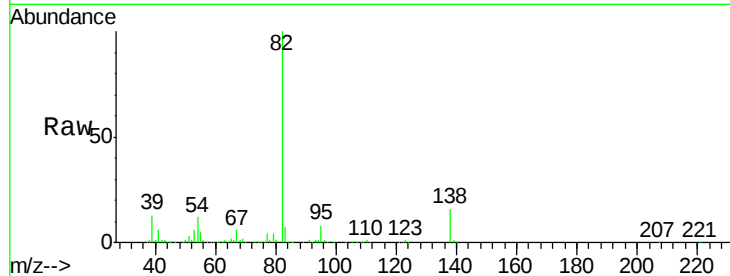
ClientSampleId :

PL-01-060320MS

Tot Ion:	82	Resp:	452476
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.7	10.1
138	16.3	12.2	18.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.880 ng

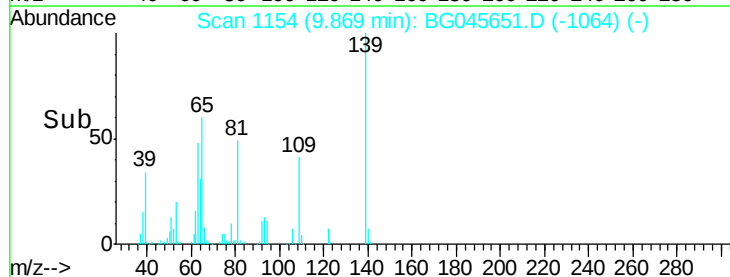
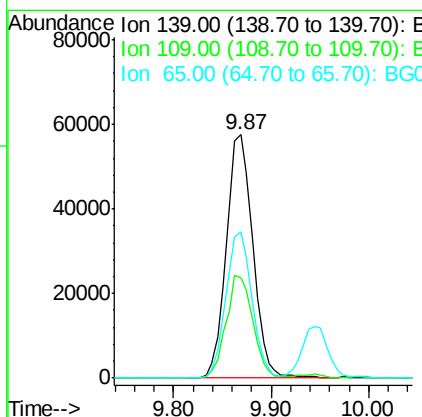
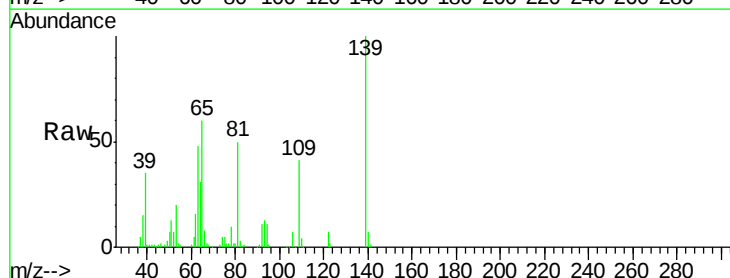
RT: 9.87 min Scan# 1154

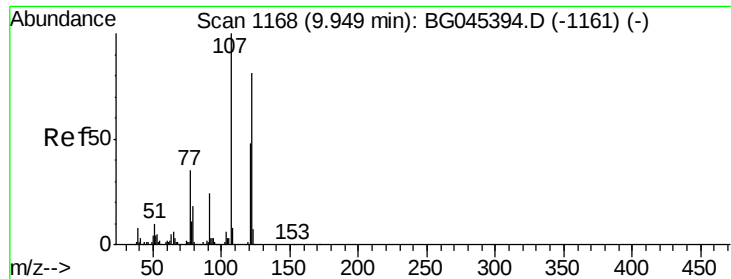
Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion:	139	Resp:	108752
Ion Ratio	Lower	Upper	
139	100		
109	41.4	32.2	48.4
65	60.1	49.6	74.4





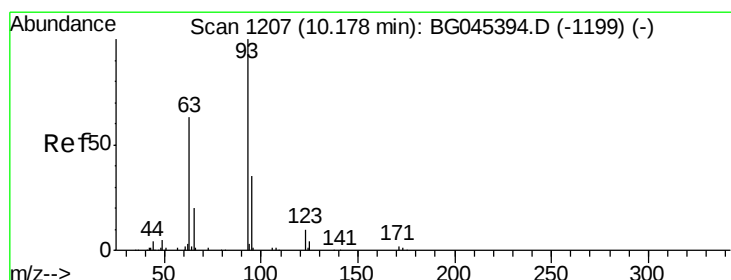
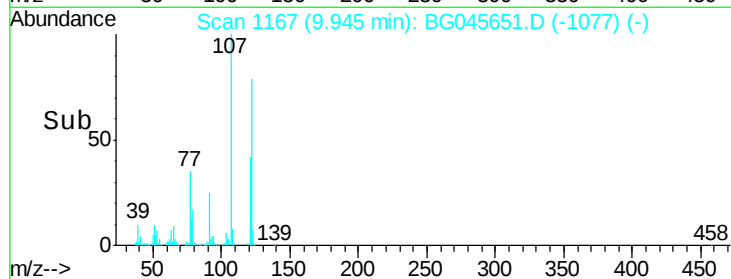
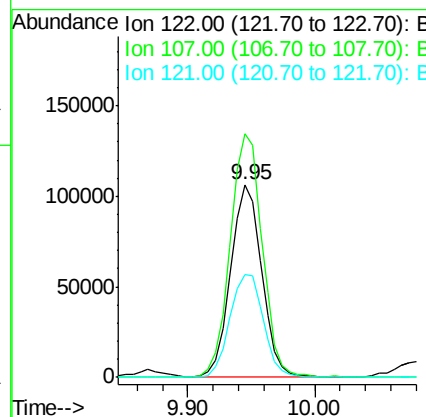
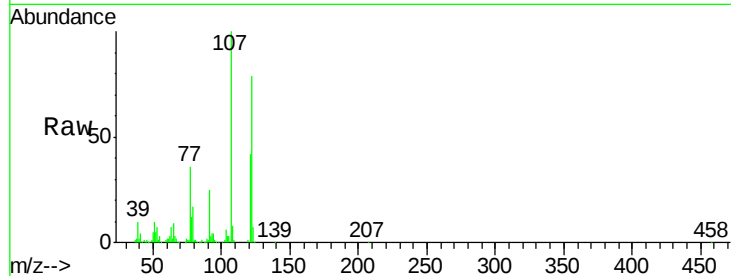
#27
2,4-Dimethylphenol
Concen: 60.048 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	179761		
107	126.3	99.0	148.4	
121	53.6	47.7	71.5	

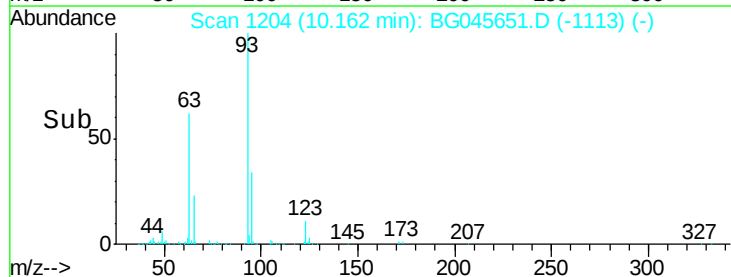
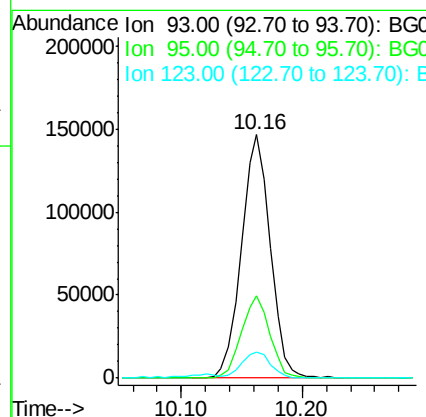
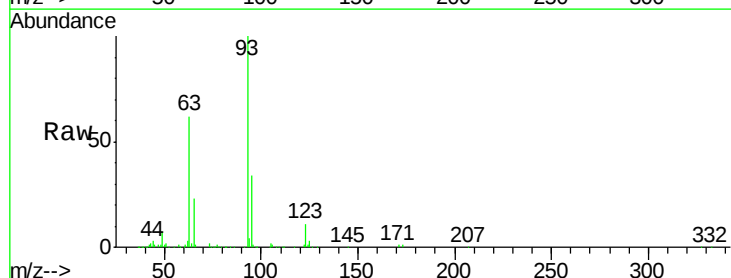
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#28
bis(2-Chloroethoxy)methane
Concen: 53.623 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	243895		
95	34.0	27.6	41.4	
123	10.7	8.1	12.1	





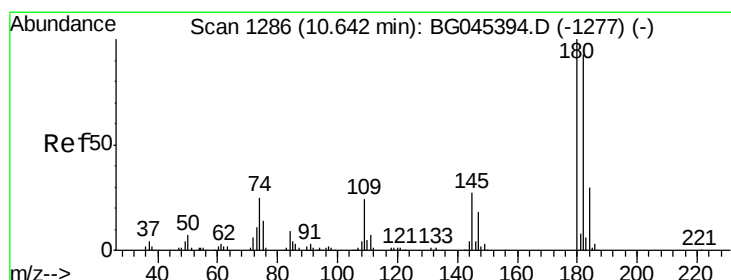
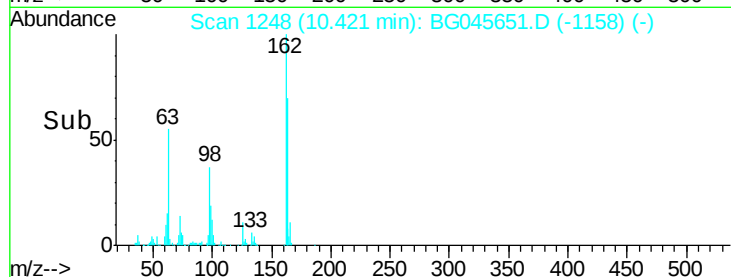
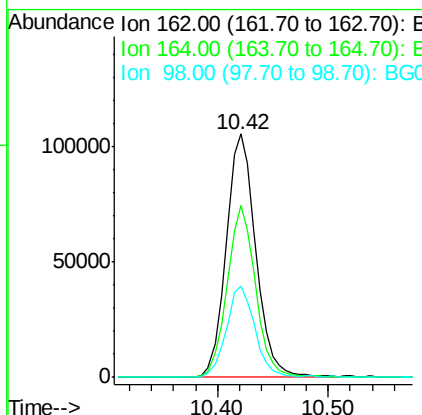
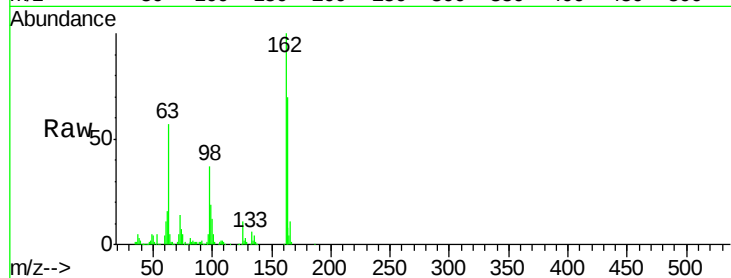
#29
 2,4-Dichlorophenol
 Concen: 56.083 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		198257		
164	70.4	46.8	86.8		
98	37.4	15.2	55.2		

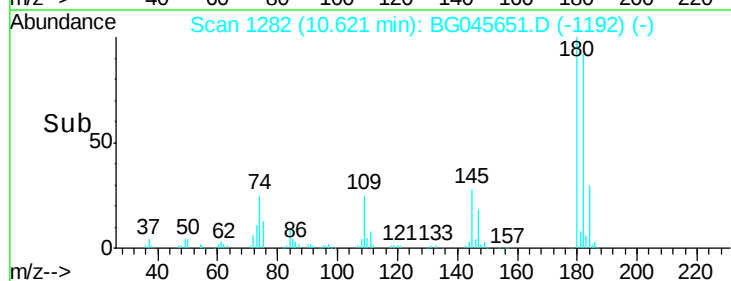
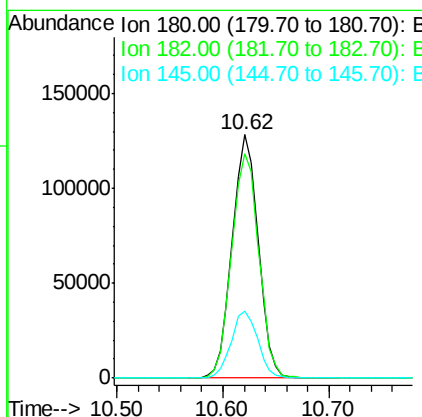
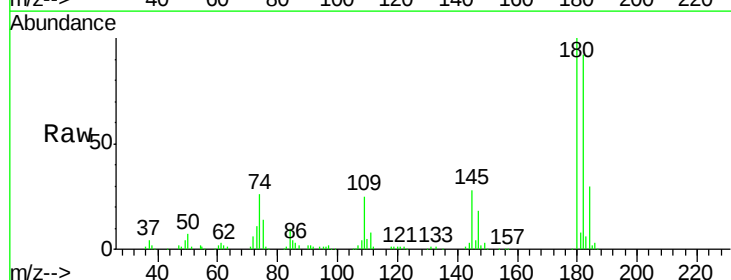
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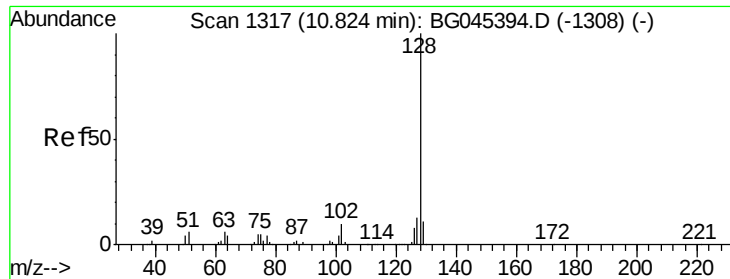
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.208 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		218085		
182	92.3	74.8	112.2		
145	27.8	21.9	32.9		





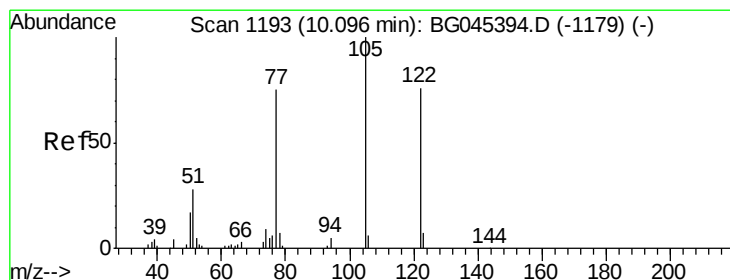
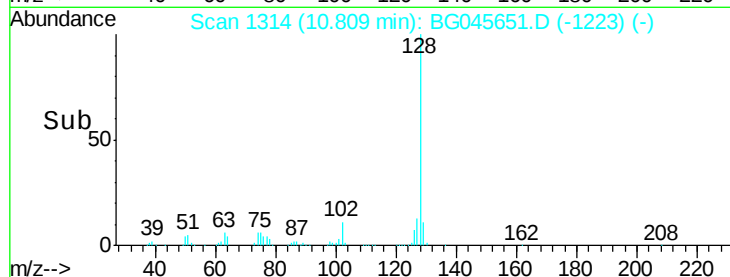
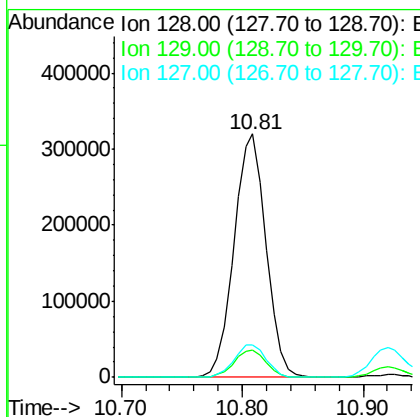
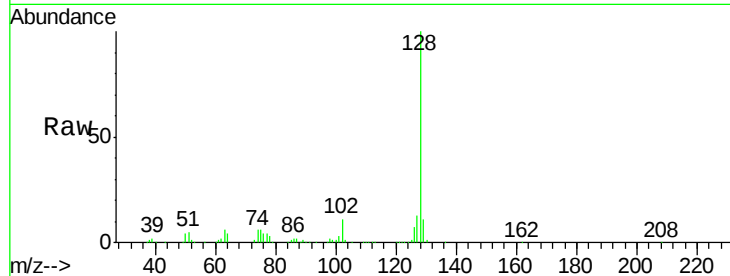
#31
Naphthalene
Concen: 52.515 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.4	10.7	16.1

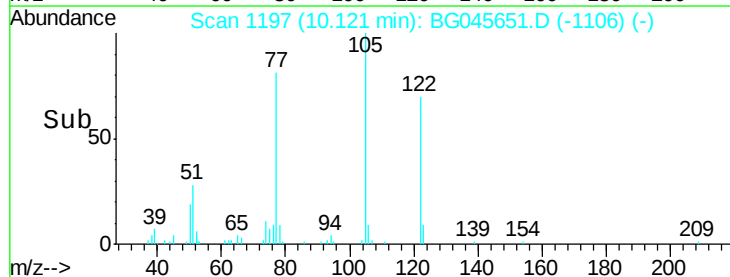
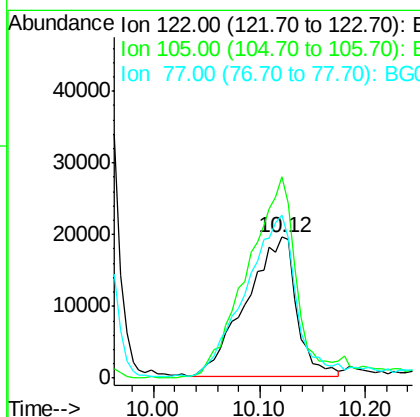
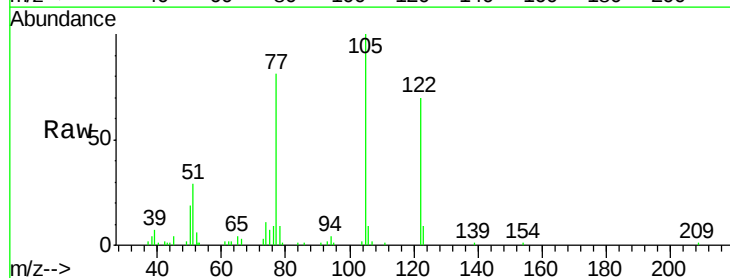
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#32
Benzoic acid
Concen: 34.985 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.2	107.9	147.9
77	115.9	78.9	118.9





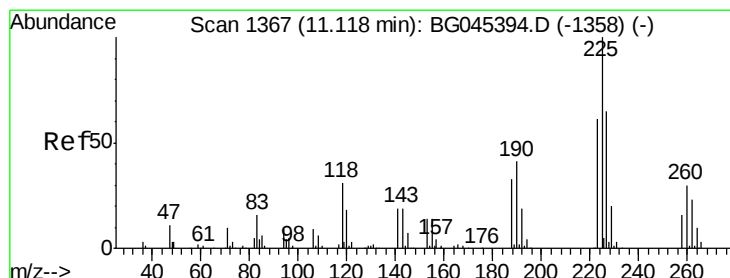
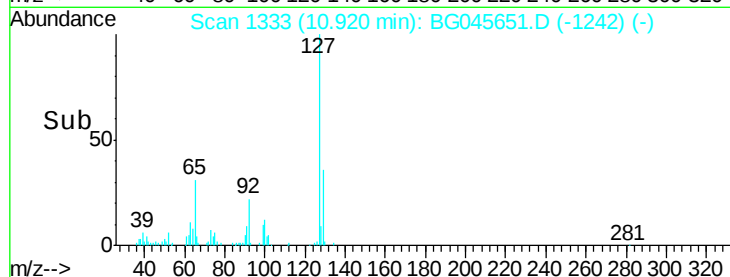
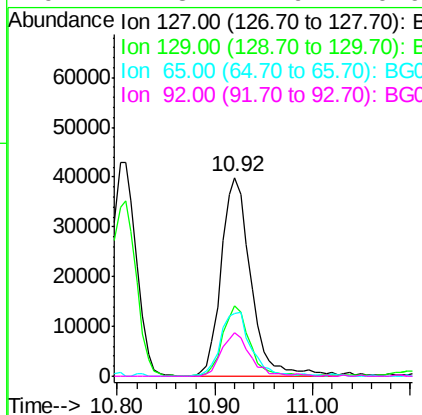
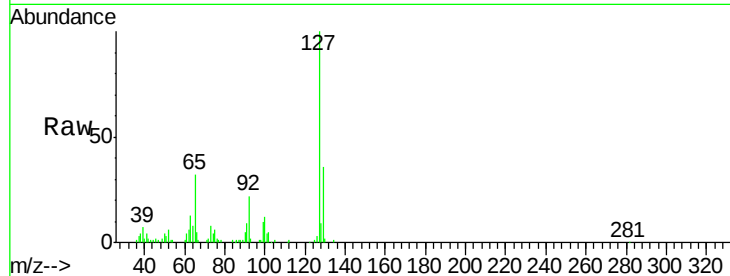
#33
4-Chloroaniline
Concen: 18.019 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.6	24.7	37.1		
65	31.8	26.2	39.2		
92	21.8	17.9	26.9		

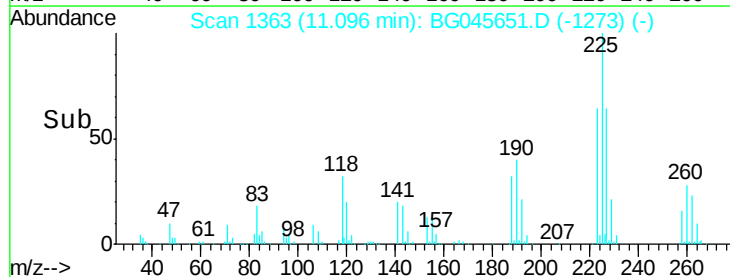
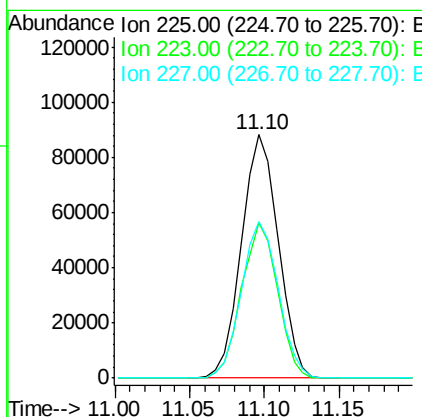
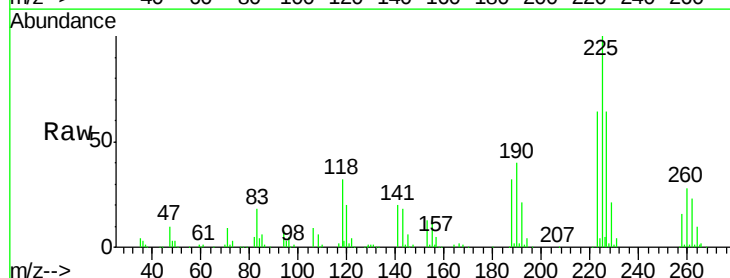
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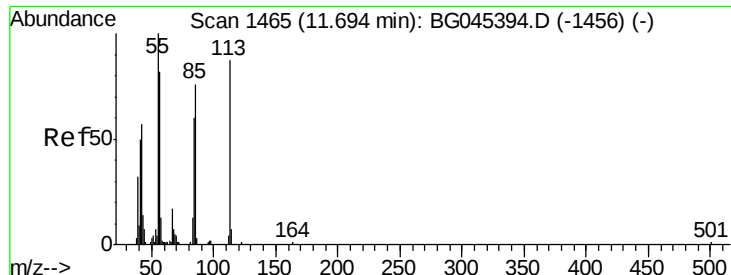
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#34
Hexachlorobutadiene
Concen: 50.865 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	49.1	73.7		
227	64.2	52.0	78.0		





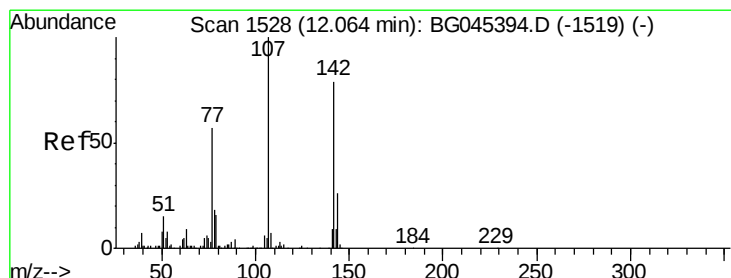
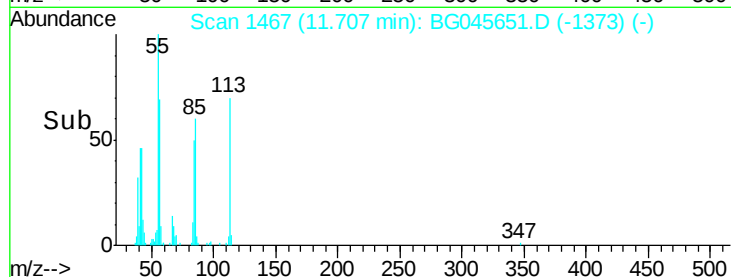
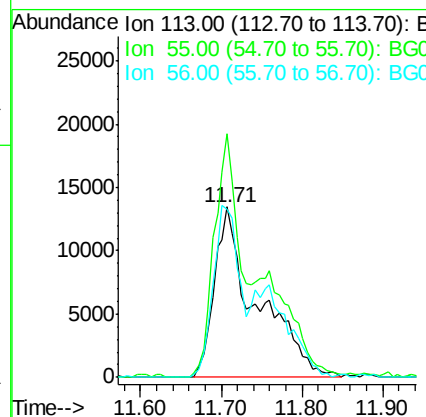
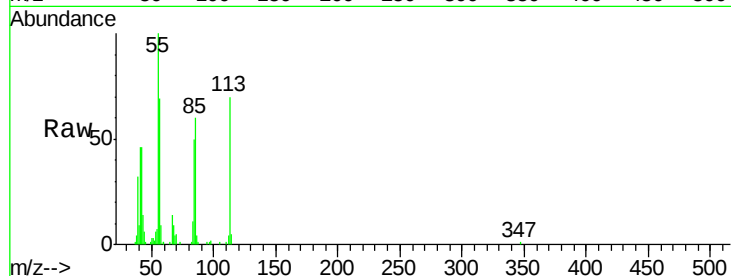
#35
Caprolactam
Concen: 37.766 ng/ml
RT: 11.71 min Scan# 1467
Delta R.T. 0.02 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.1	96.0	136.0#
56	98.5	75.1	115.1

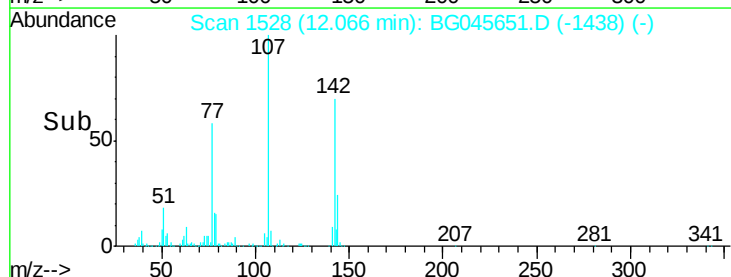
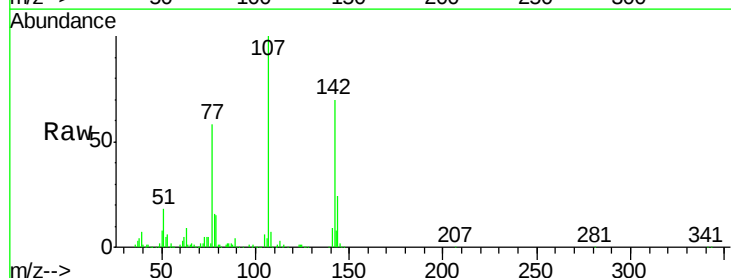
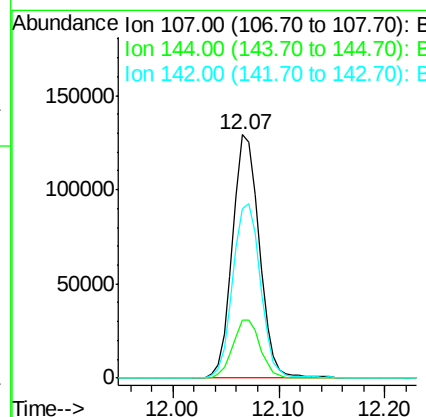
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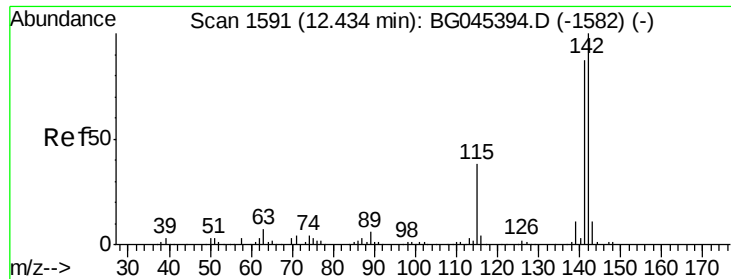
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#36
4-Chloro-3-methylphenol
Concen: 57.244 ng
RT: 12.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	20.8	31.2
142	69.8	62.8	94.2





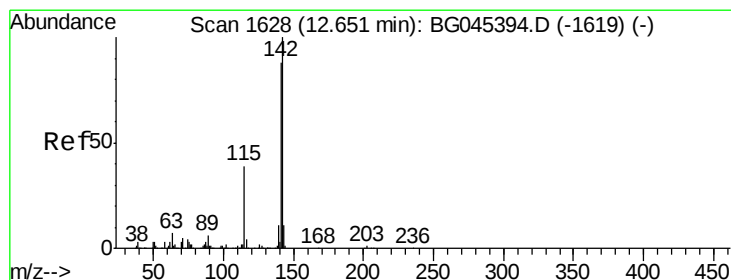
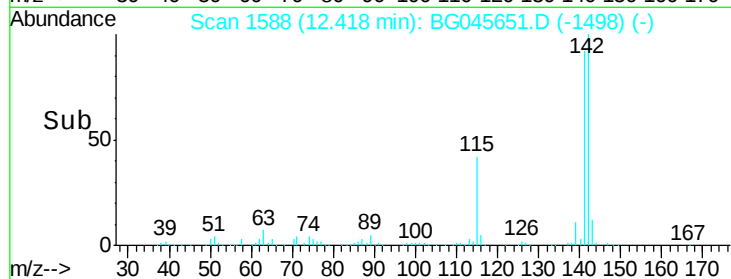
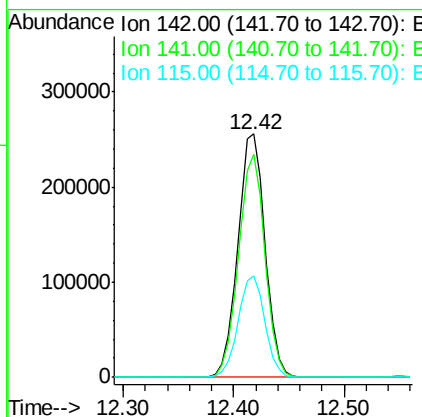
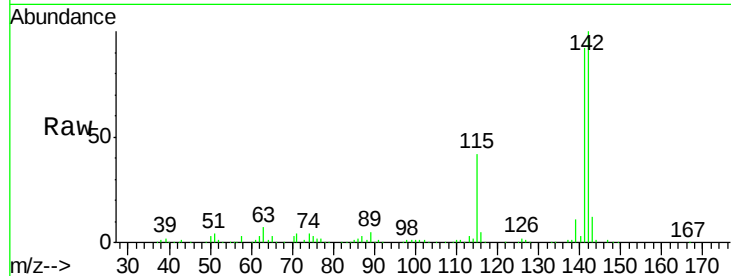
#37
2-Methylnaphthalene
Concen: 53.265 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.0	105.0
115	41.7	30.8	46.2

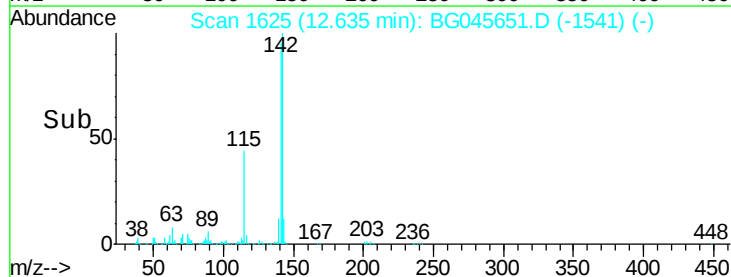
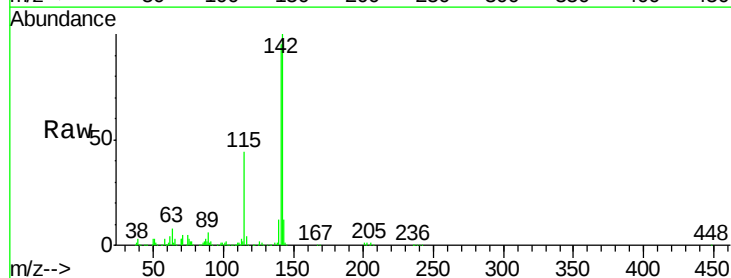
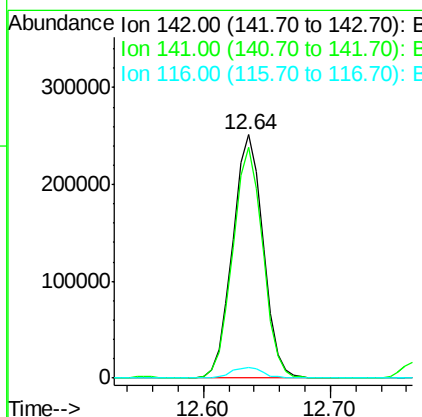
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#38
1-Methylnaphthalene
Concen: 52.948 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	70.8	106.2
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

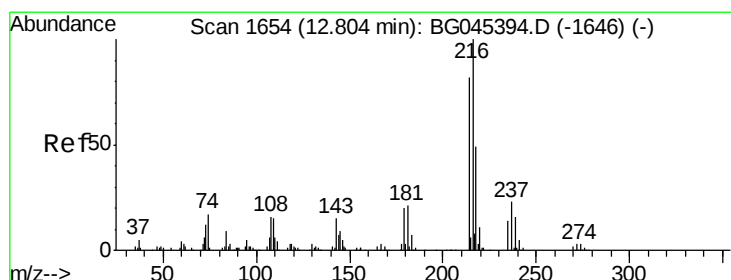
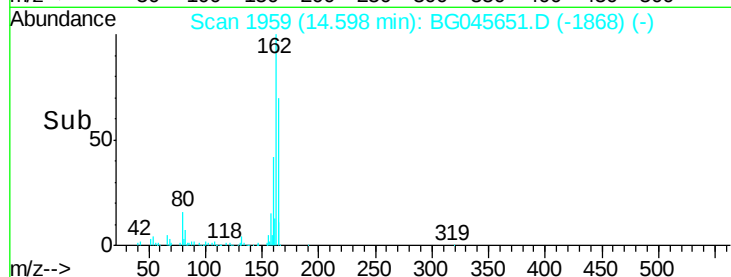
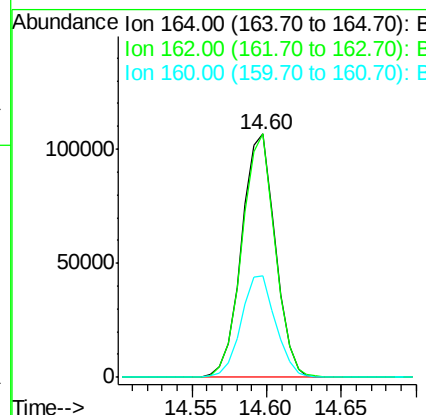
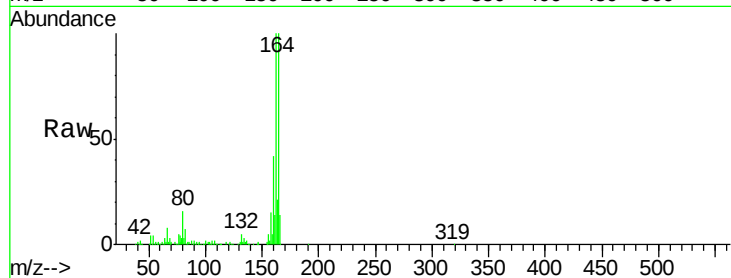
ClientSampleId :

PL-01-060320MS

Tot Ion:	164	Resp:	165967
Ion Ratio	Lower	Upper	
164	100		
162	100.2	76.9	115.3
160	41.9	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.719 ng

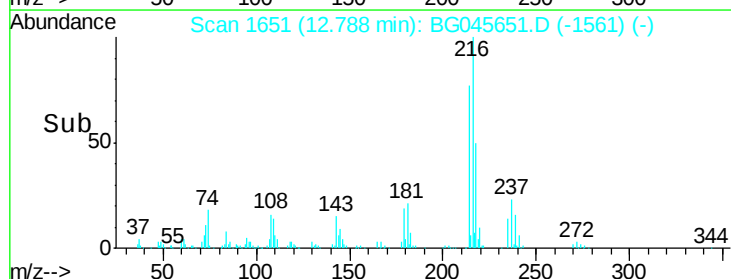
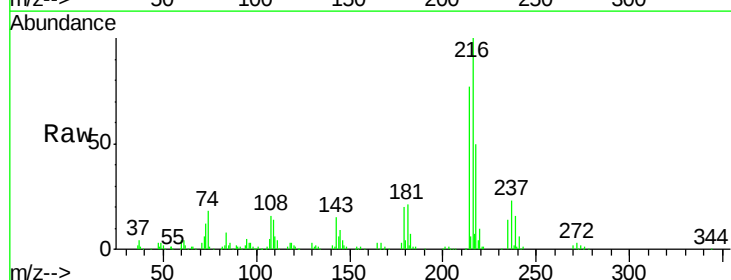
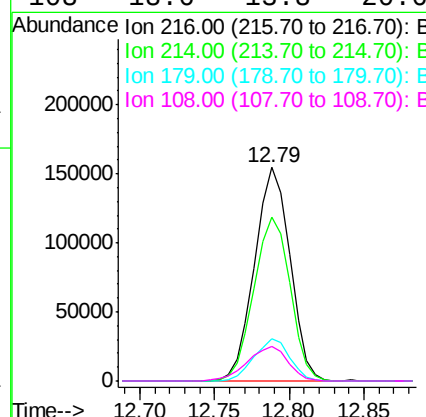
RT: 12.79 min Scan# 1651

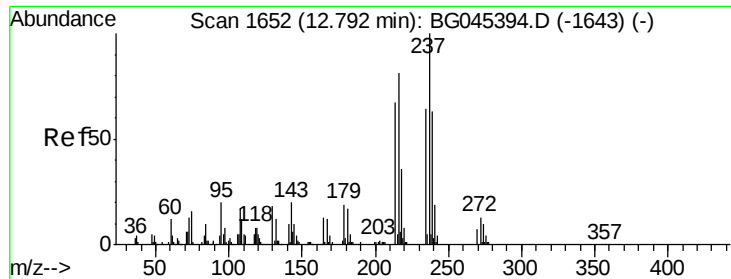
Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion:	216	Resp:	253659
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.7	95.5
179	19.8	16.1	24.1
108	18.6	13.8	20.6





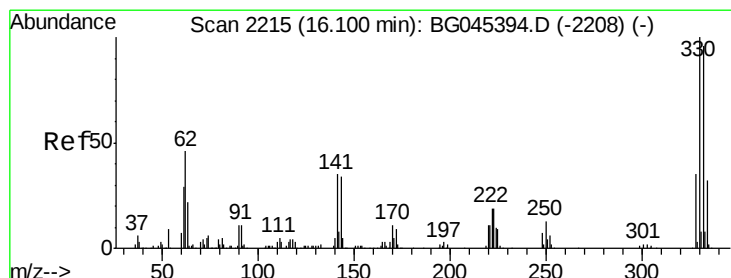
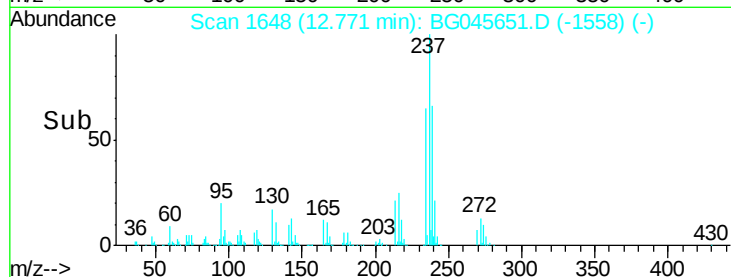
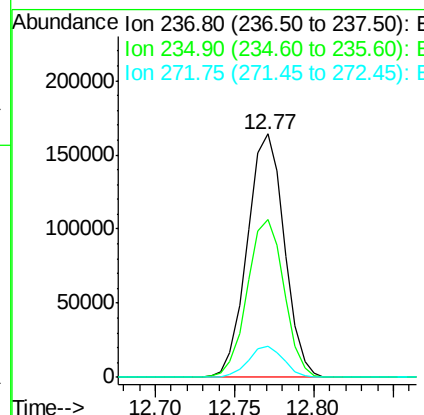
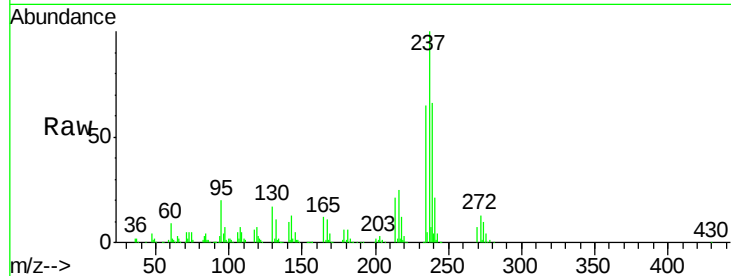
#41
Hexachlorocyclopentadiene
Concen: 99.123 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.8	44.4	84.4
272	13.0	0.0	32.5

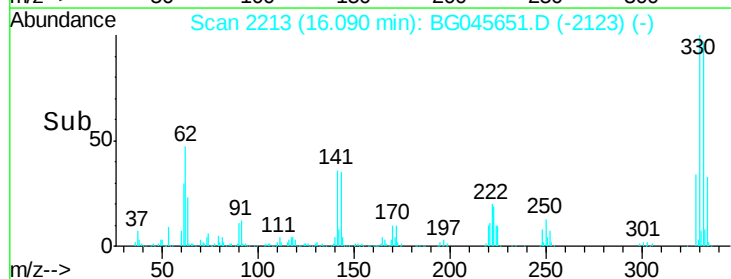
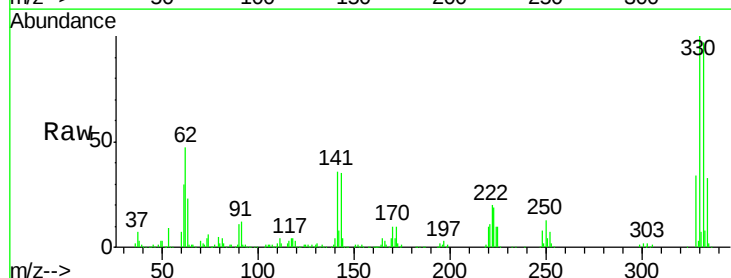
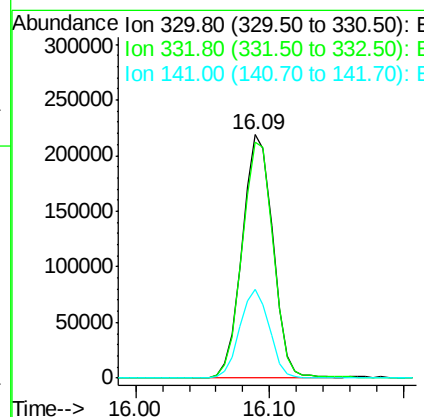
Manual Integrations
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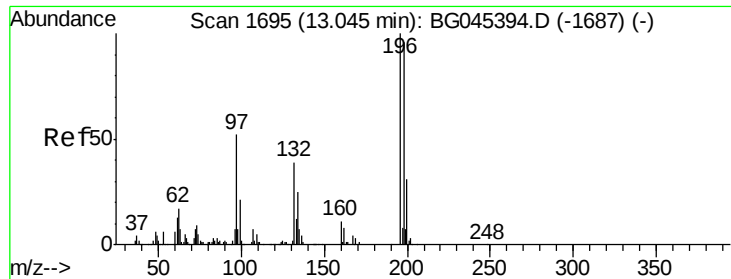
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#42
2,4,6-Tribromophenol
Concen: 163.950 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.6	78.2	117.4
141	35.6	28.2	42.4





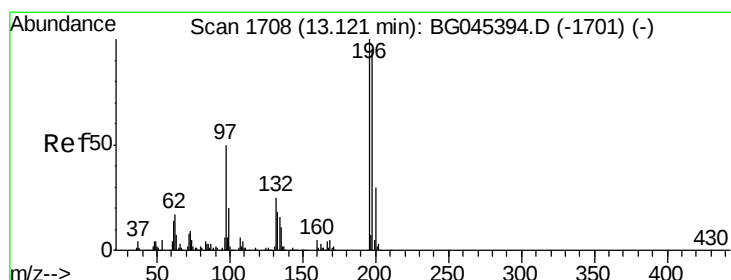
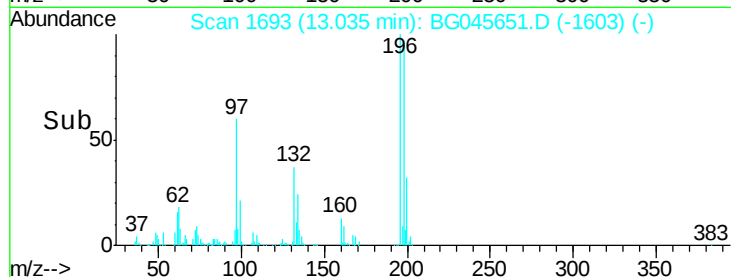
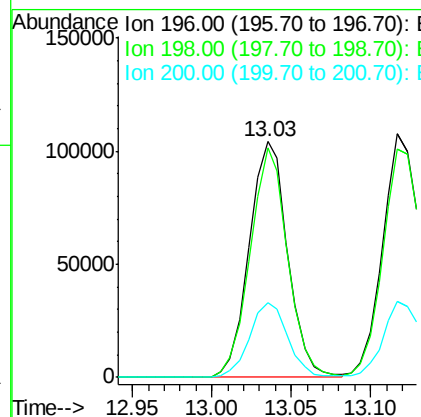
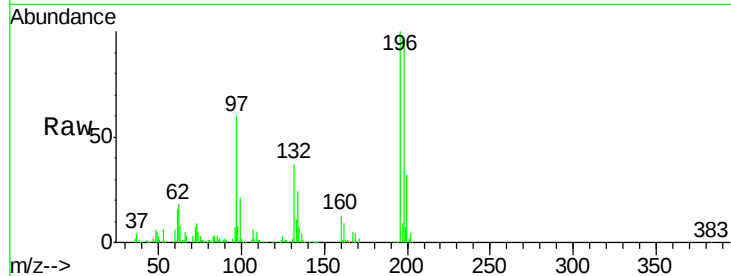
#43
2,4,6-Trichlorophenol
Concen: 54.464 ng
RT: 13.03 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	175387		
198	97.3	76.7	115.1	
200	31.6	24.9	37.3	

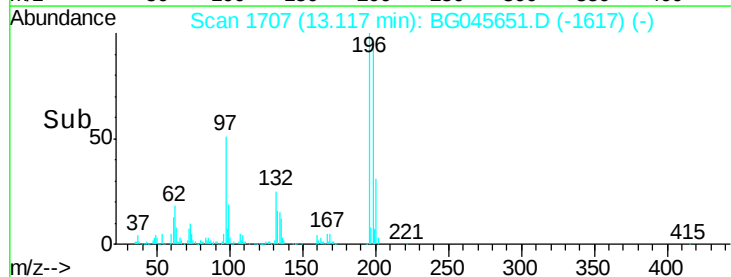
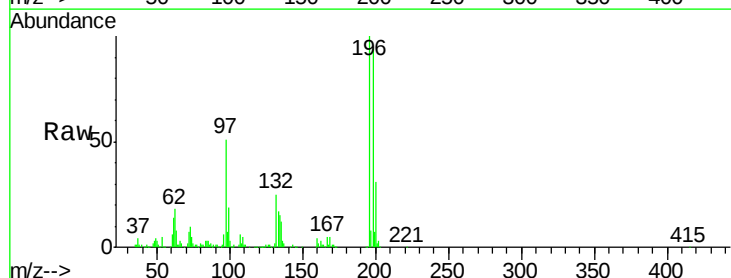
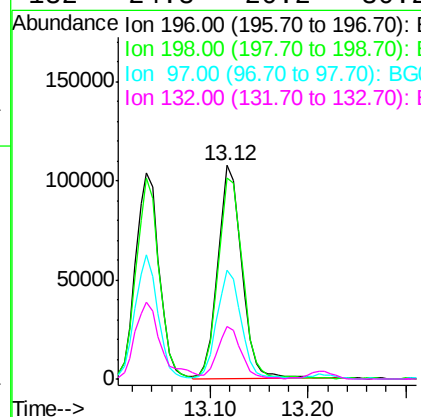
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#44
2,4,5-Trichlorophenol
Concen: 49.711 ng
RT: 13.12 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182932		
198	93.9	76.1	114.1	
97	51.0	40.0	60.0	
132	24.8	20.2	30.2	





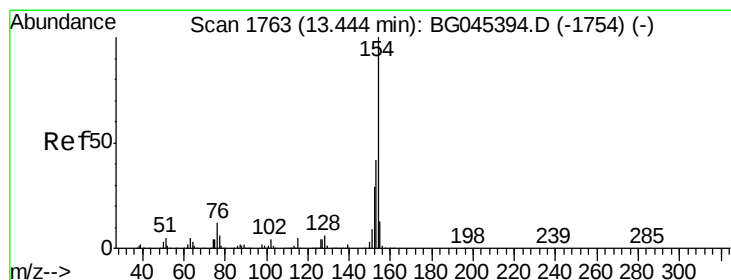
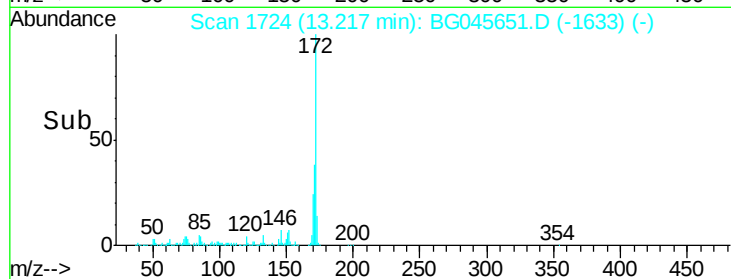
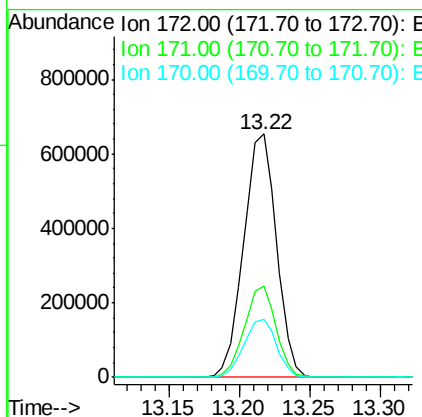
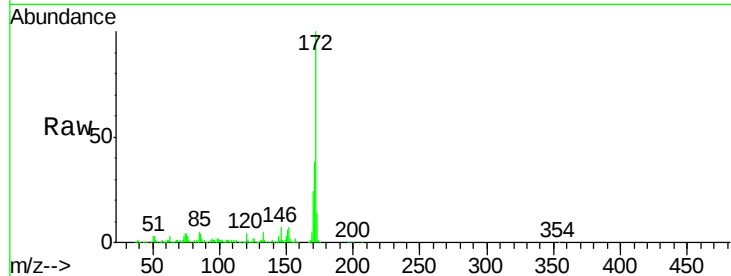
#45
2-Fluorobiphenyl
Concen: 109.169 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.5	44.3
170	23.7	18.5	27.7

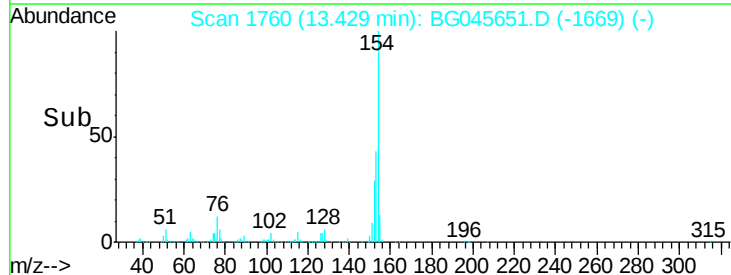
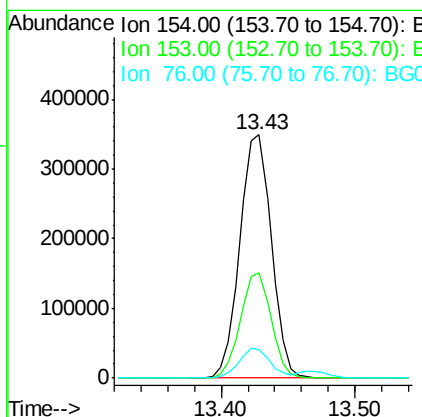
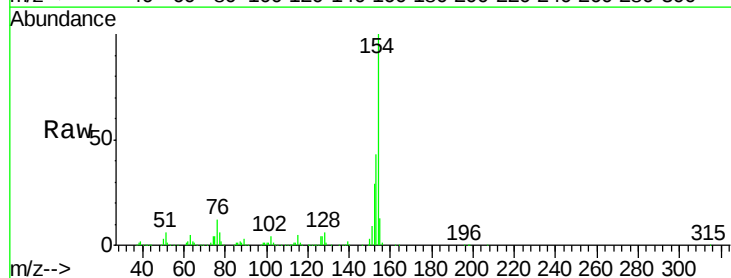
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#46
1,1'-Biphenyl
Concen: 55.883 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.2	62.2
76	12.0	0.0	32.4





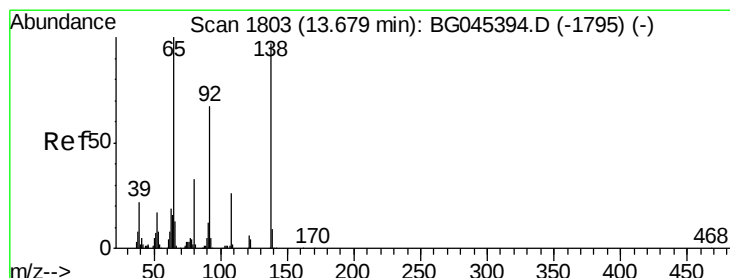
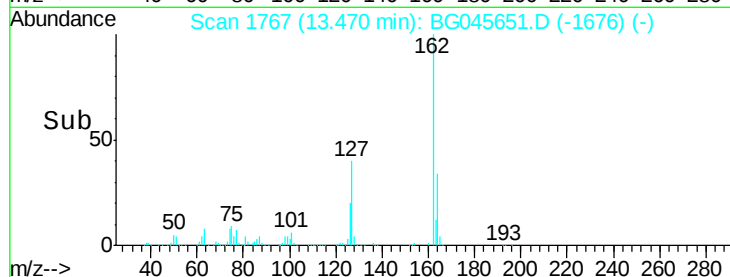
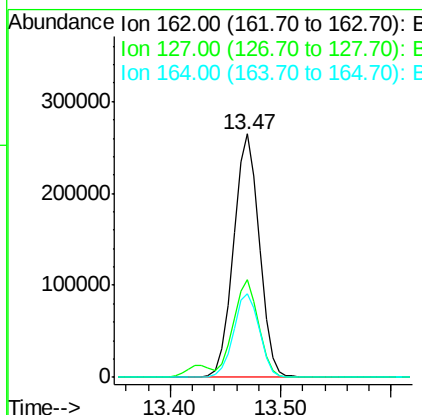
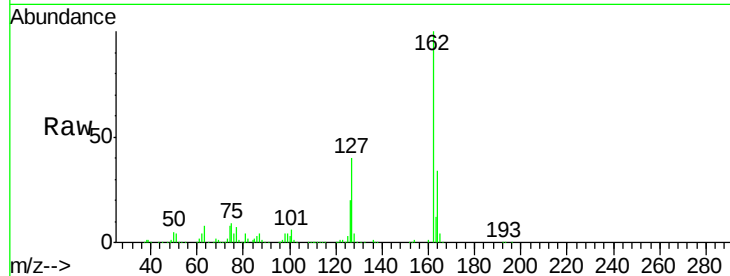
#47
2-Chloronaphthalene
Concen: 52.345 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.6	47.4
164	34.3	28.1	42.1

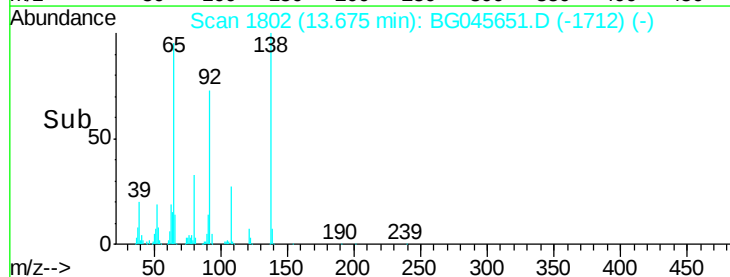
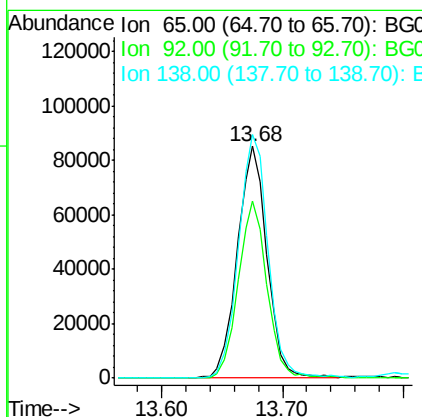
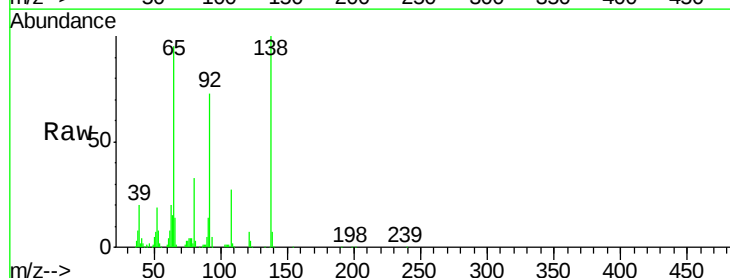
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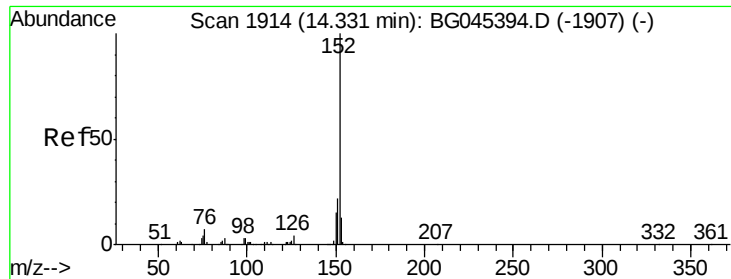
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#48
2-Nitroaniline
Concen: 53.460 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	53.8	80.8
138	105.2	77.9	116.9





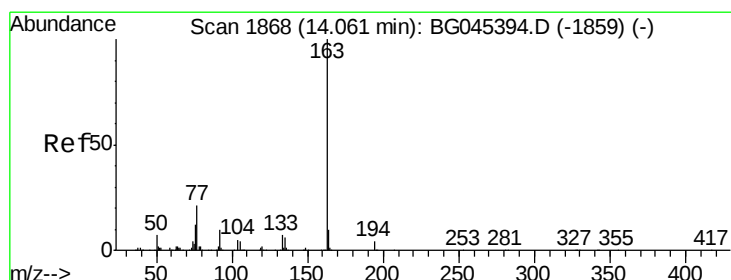
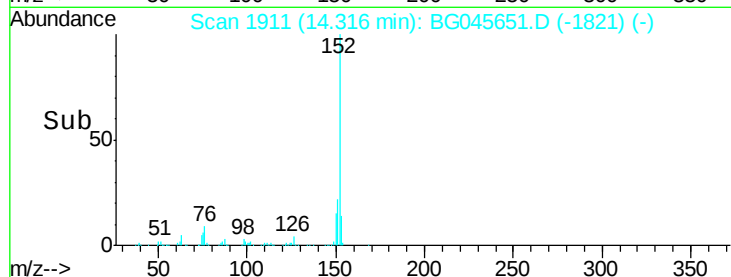
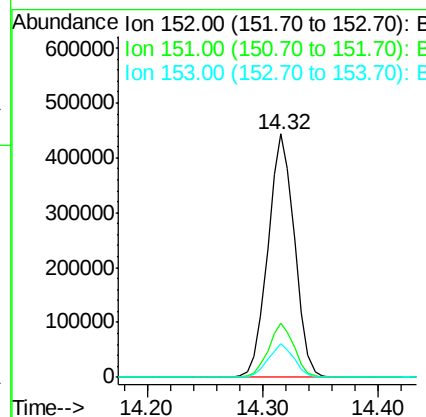
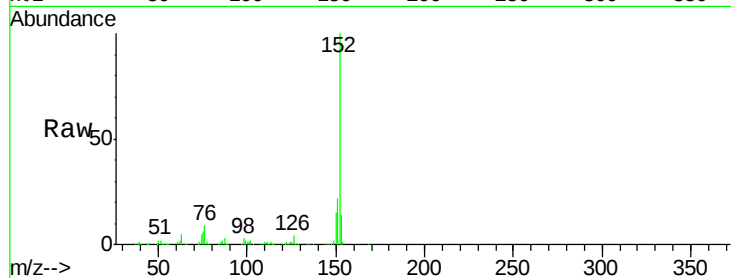
#49
Acenaphthylene
Concen: 53.423 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.4	26.2
153	14.0	10.7	16.1

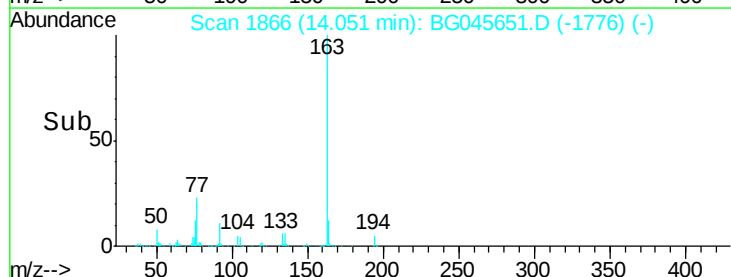
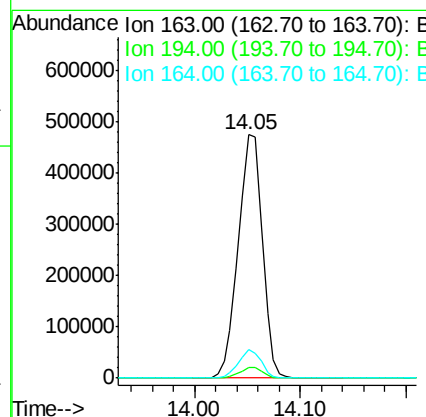
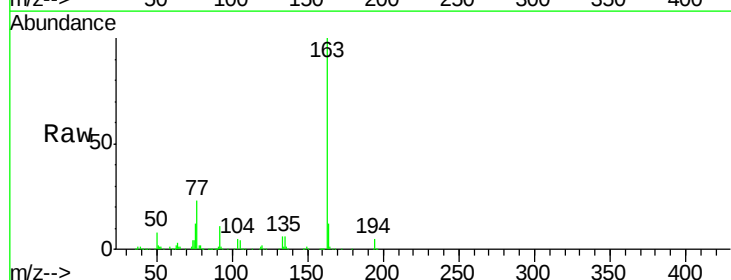
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#50
Dimethylphthalate
Concen: 65.478 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	11.6	8.3	12.5





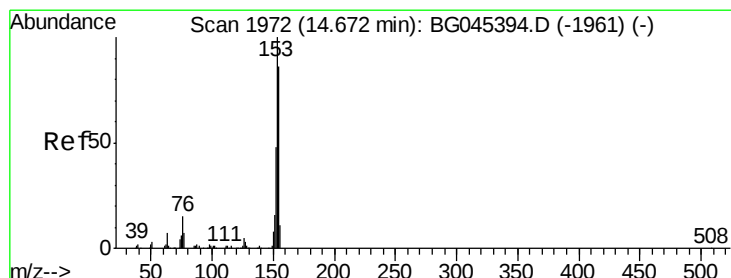
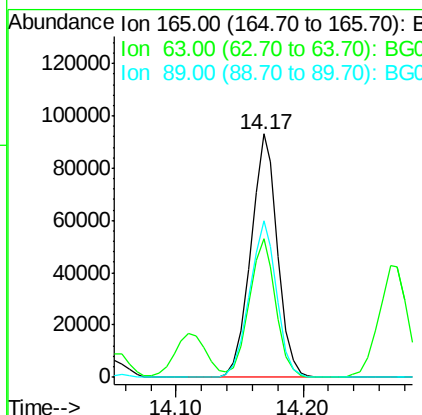
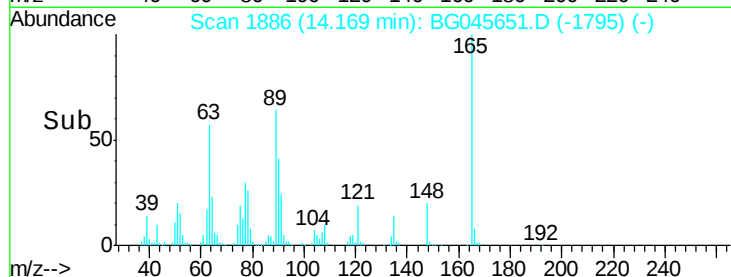
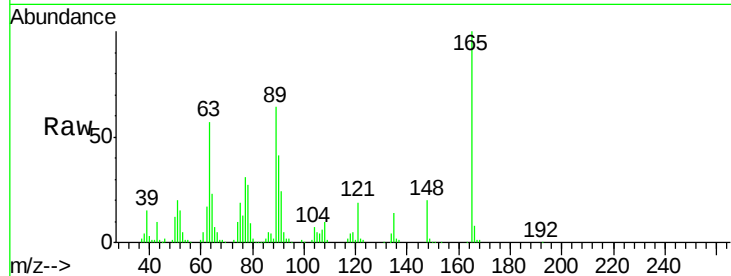
#51
2,6-Dinitrotoluene
Concen: 52.981 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	136112		
63	57.2	45.0	67.4	
89	64.5	50.2	75.4	

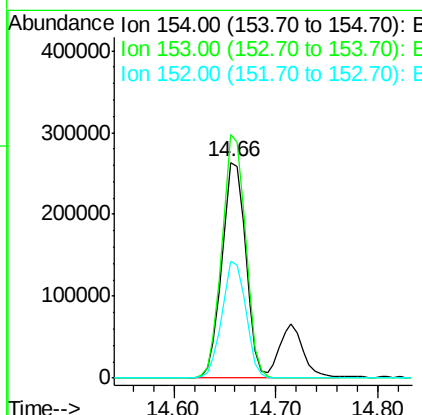
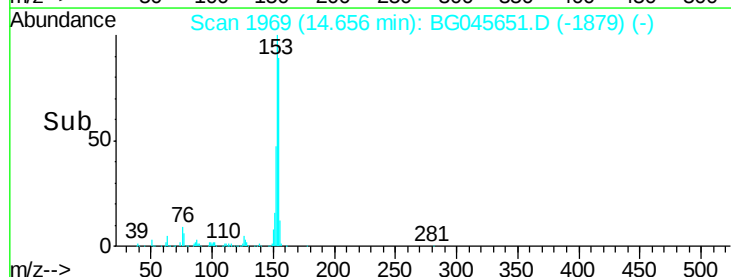
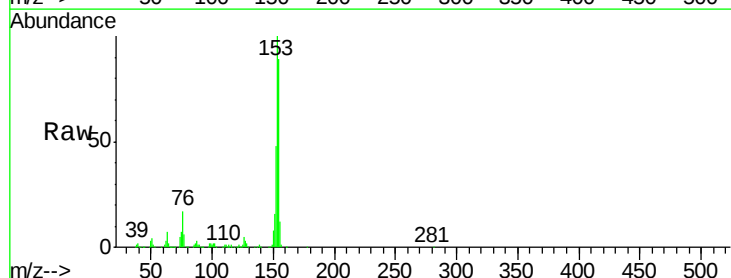
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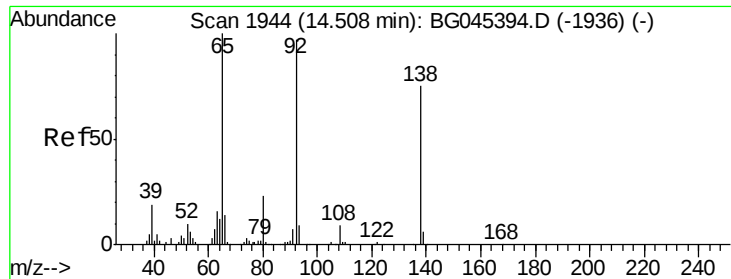
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#52
Acenaphthene
Concen: 59.824 ng m
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	532659		
153	112.8	92.8	139.2	
152	53.9	44.6	66.8	





#53

3-Nitroaniline

Concen: 33.082 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

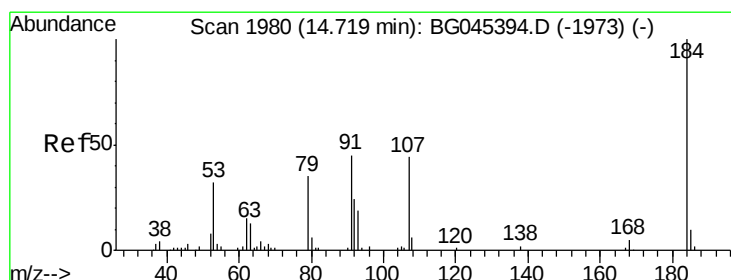
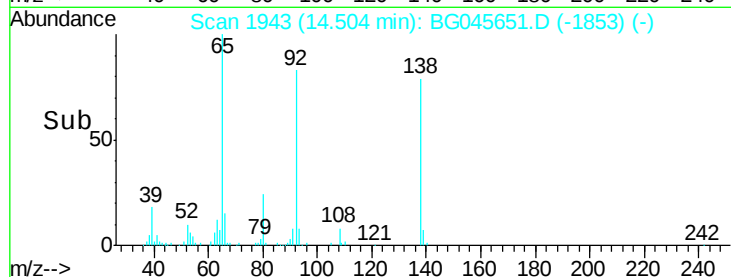
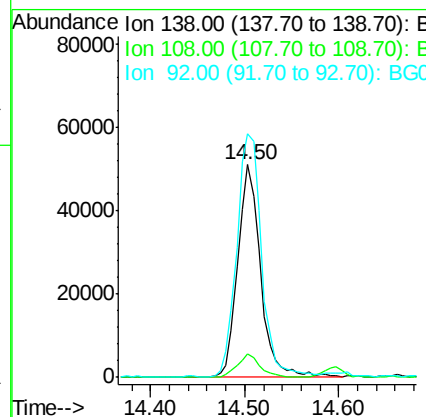
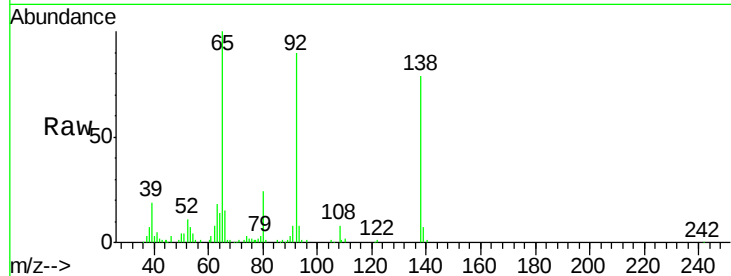
ClientSampleId :

PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.8	14.6
92	114.5	103.0	154.4

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#54

2,4-Dinitrophenol

Concen: 91.645 ng

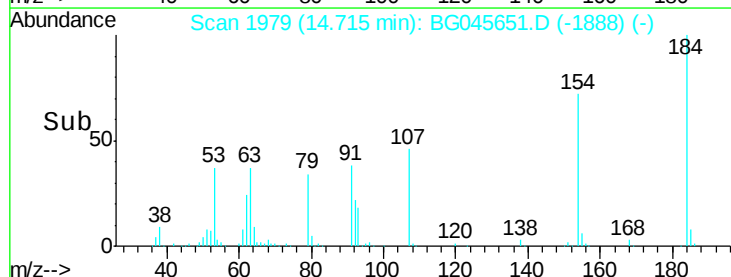
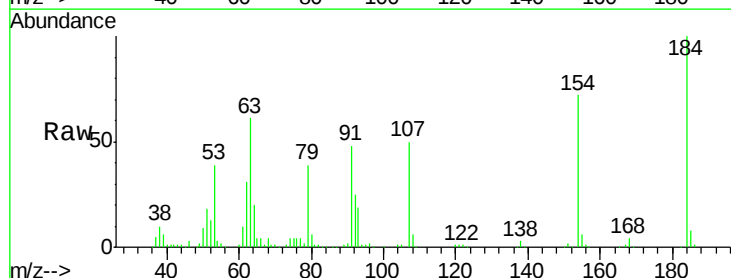
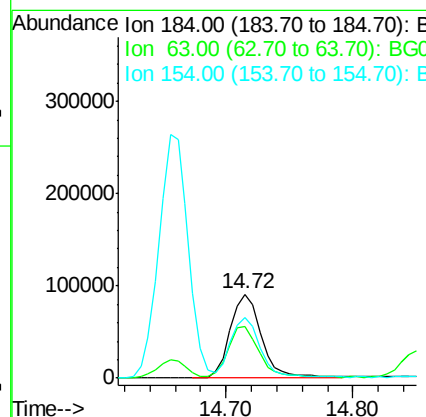
RT: 14.72 min Scan# 1979

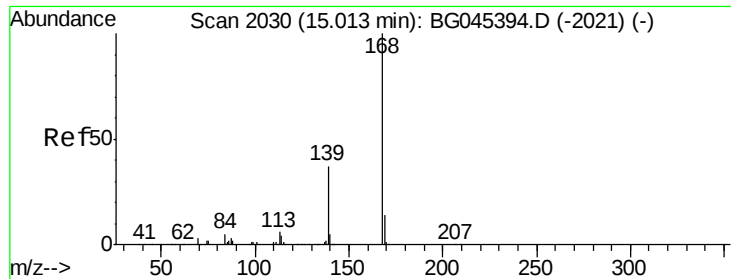
Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.3	47.8	71.6
154	72.0	58.3	87.5





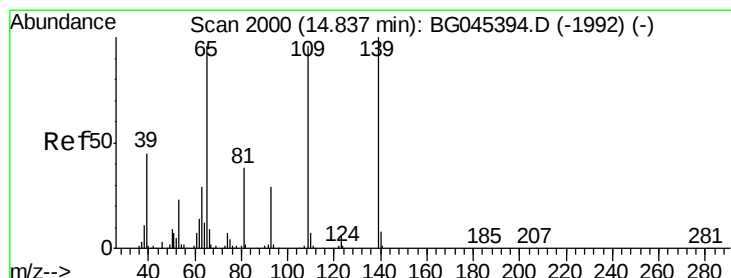
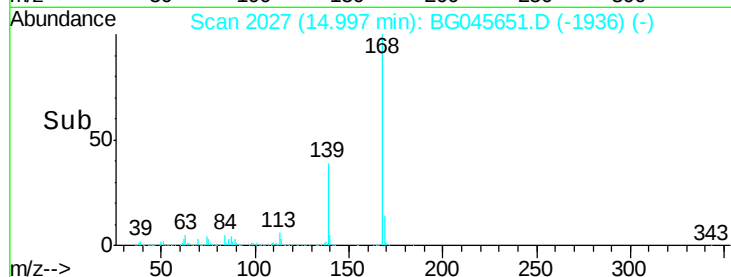
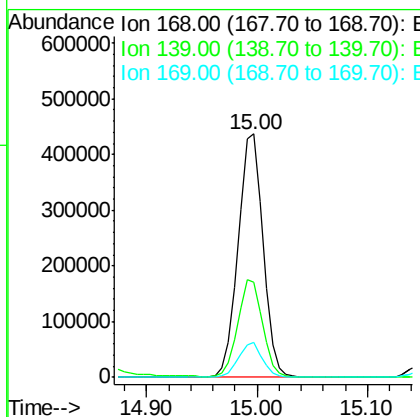
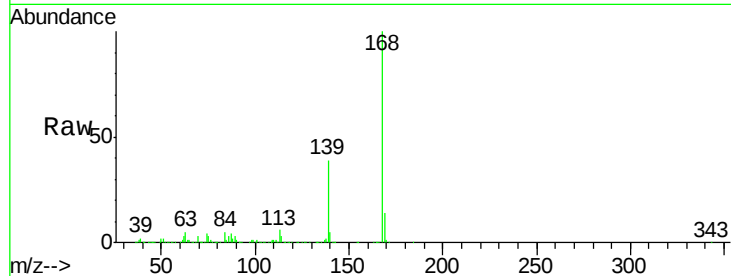
#55
Dibenzofuran
Concen: 52.764 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.3	29.9	44.9	
169	14.1	10.9	16.3	

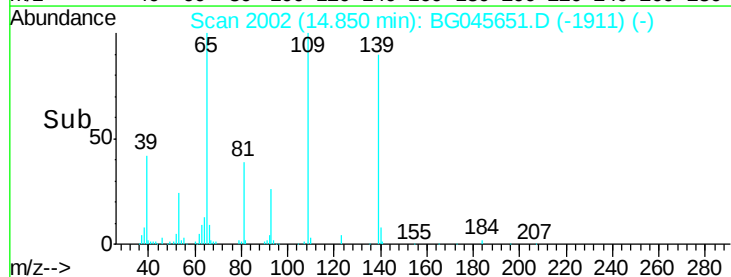
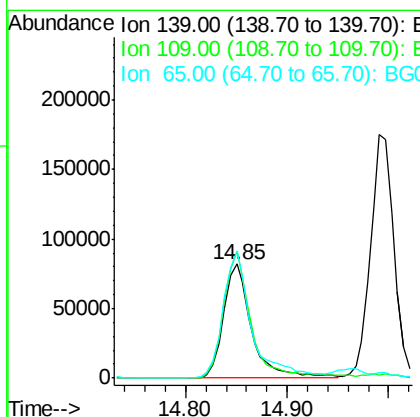
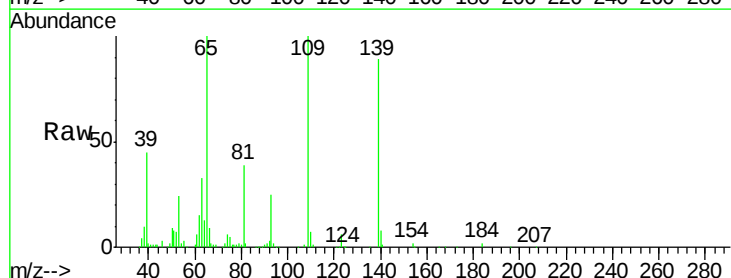
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#56
4-Nitrophenol
Concen: 80.184 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	111.8	75.6	115.6	
65	111.3	76.8	116.8	





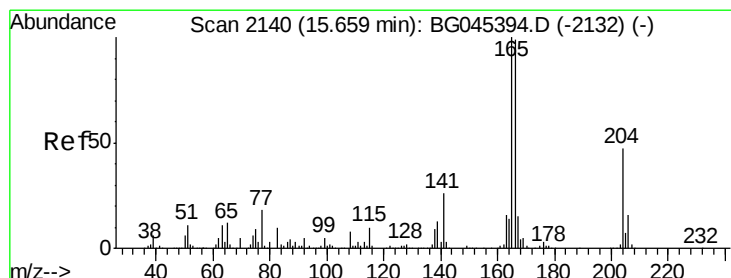
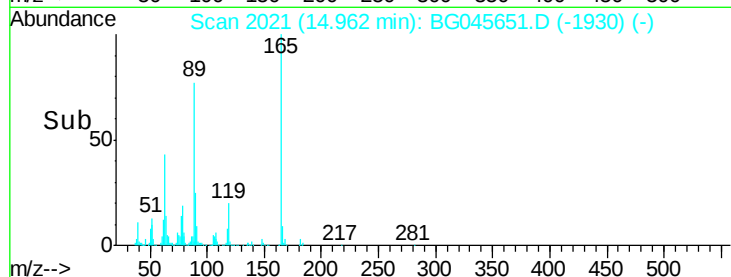
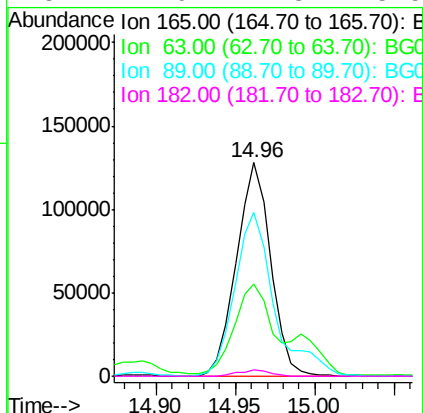
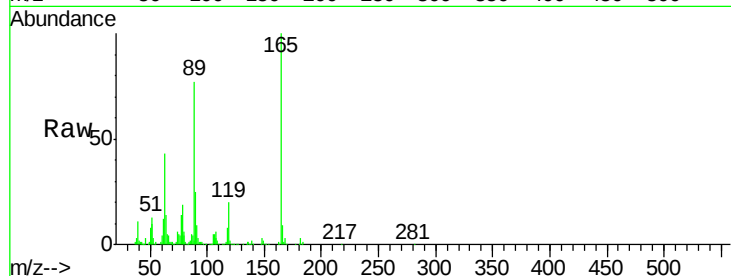
#57
2,4-Dinitrotoluene
Concen: 51.713 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	32.5	48.7
89	76.6	61.8	92.6
182	2.9	2.3	3.5

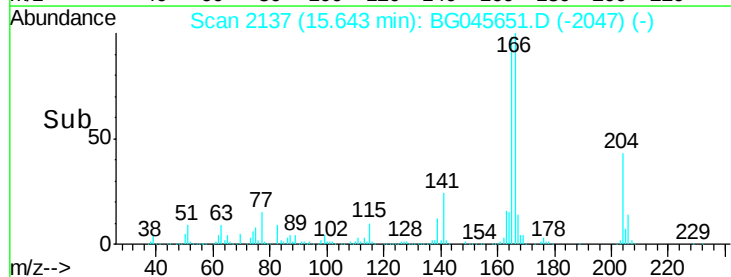
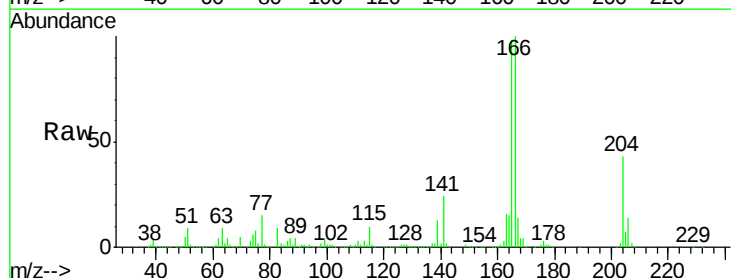
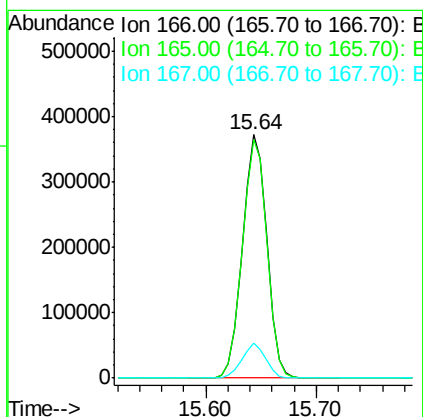
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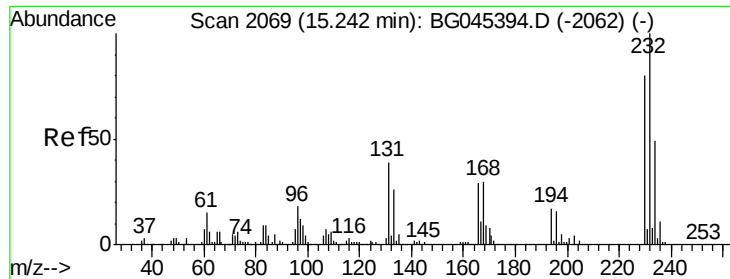
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#58
Fluorene
Concen: 53.184 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.8	121.2
167	14.1	12.0	18.0





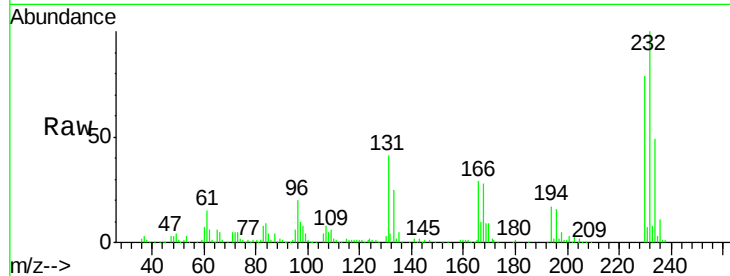
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.748 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

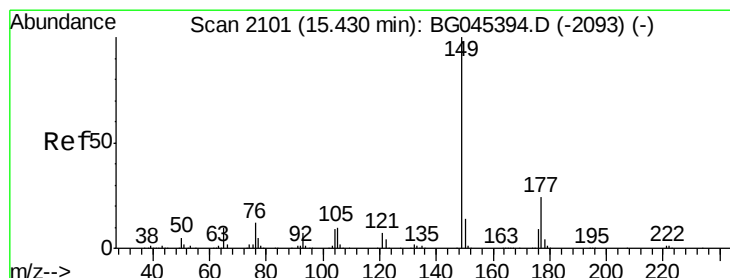
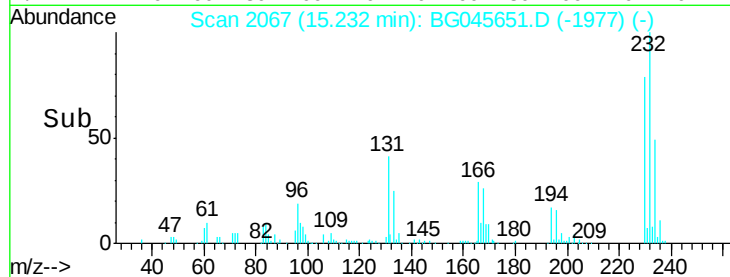
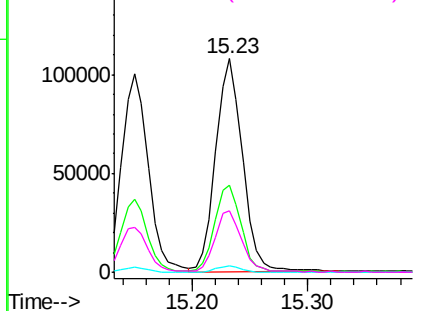
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		174010		
131	40.6	33.7	50.5		
130	2.8	2.1	3.1		
166	28.6	23.2	34.8		

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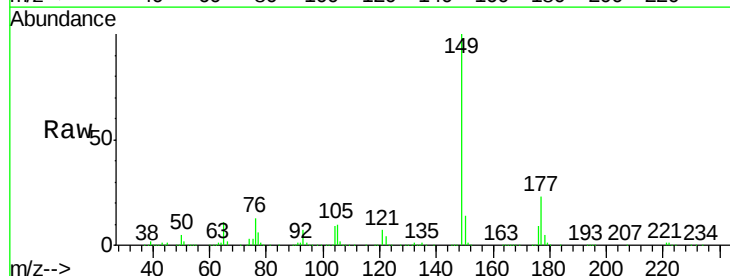


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

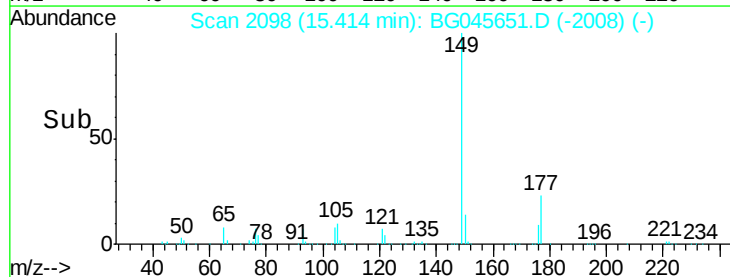
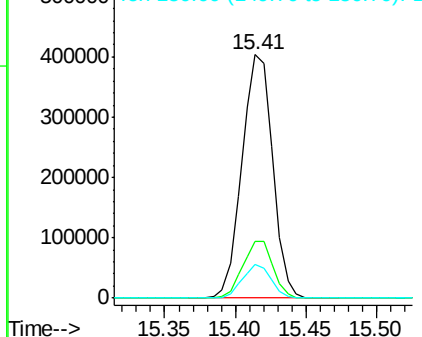


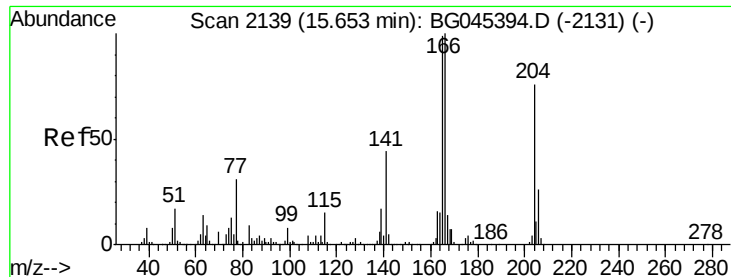
#60
 Diethylphthalate
 Concen: 51.795 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		613781		
177	23.4	19.0	28.4		
150	13.7	11.4	17.0		



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





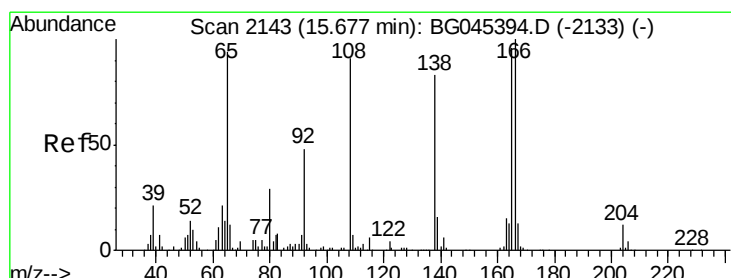
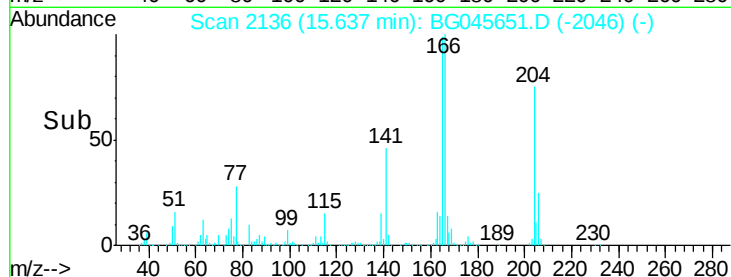
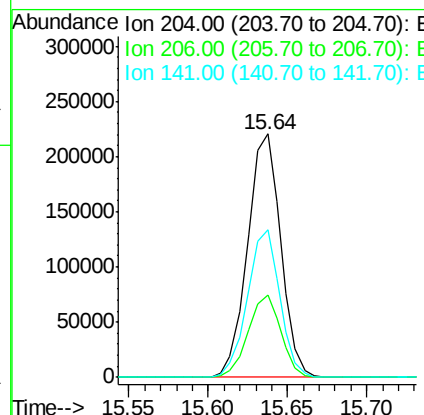
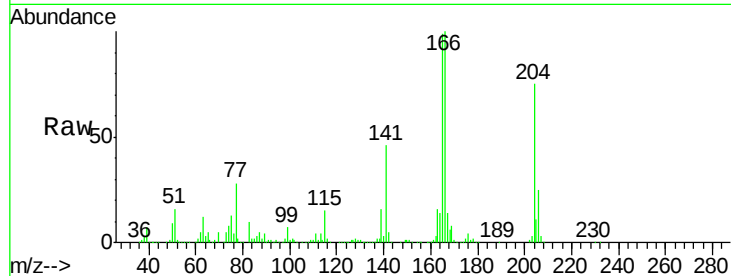
#61
4-Chlorophenyl-phenylether
Concen: 51.633 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.3	40.9
141	60.9	45.9	68.9

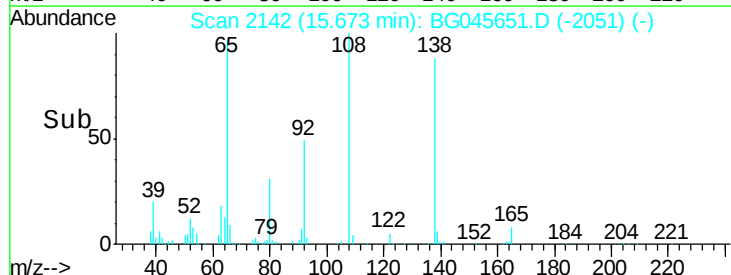
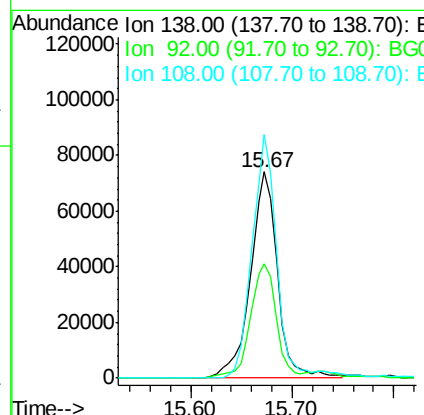
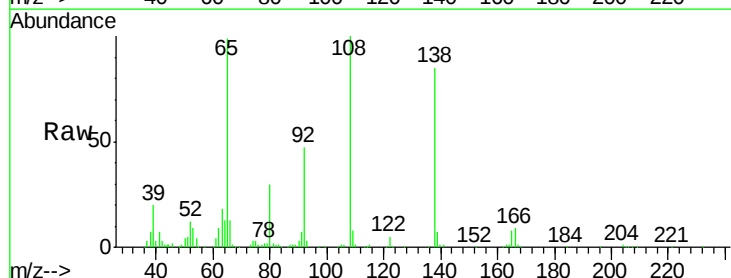
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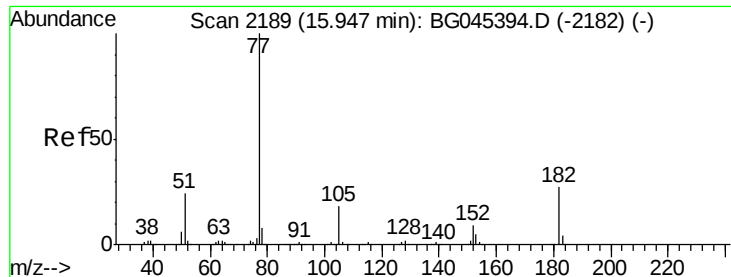
mohammad
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#62
4-Nitroaniline
Concen: 50.342 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	38.0	78.0
108	117.9	89.3	129.3





#63

Azobenzene

Concen: 53.368 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

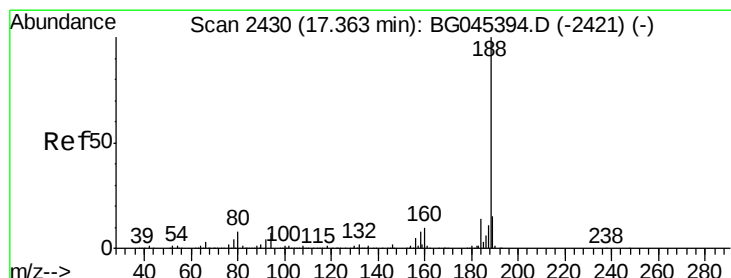
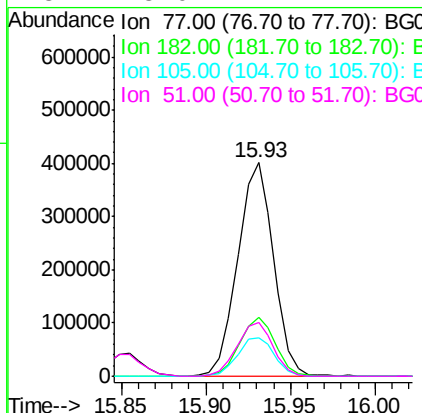
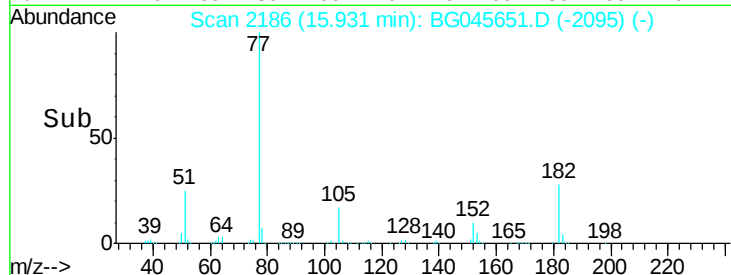
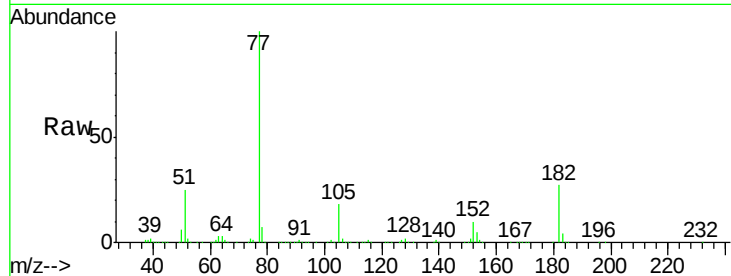
ClientSampleId :

PL-01-060320MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		589697		
182	27.4	6.5	46.5		
105	18.2	0.0	37.9		
51	25.0	4.1	44.1		

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#64

Phenanthrene-d10

Concen: 20.000 ng

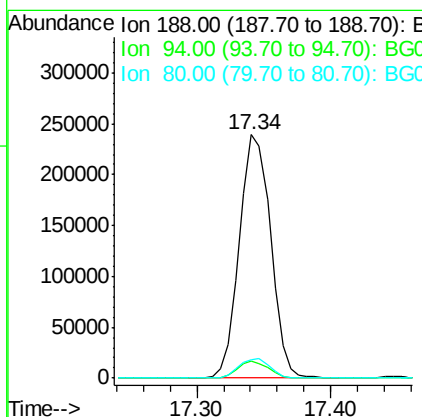
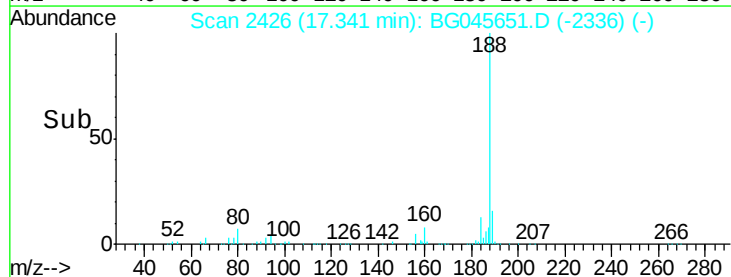
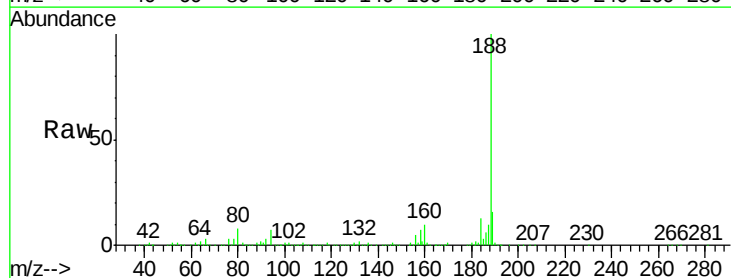
RT: 17.34 min Scan# 2426

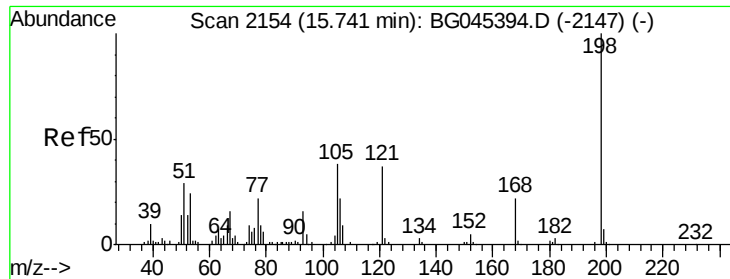
Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		388904		
94	7.1	5.5	8.3		
80	7.5	6.6	10.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 54.590 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

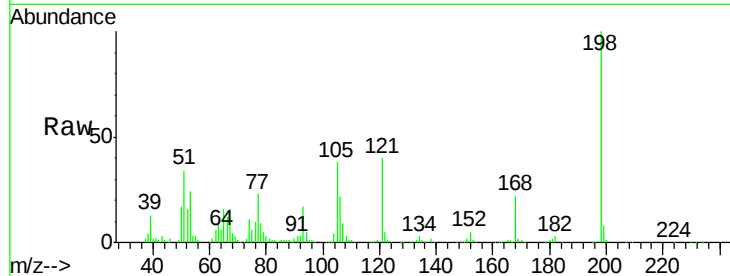
ClientSampleId :

PL-01-060320MS

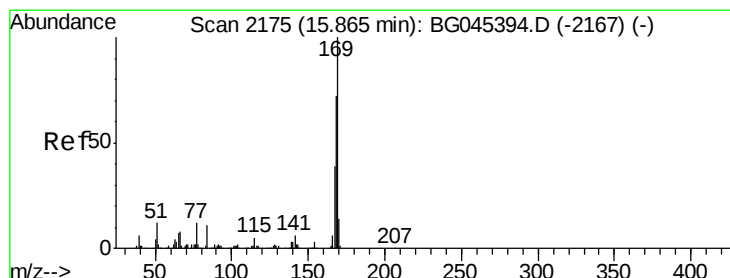
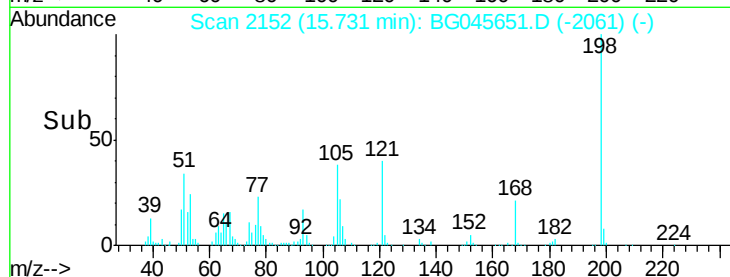
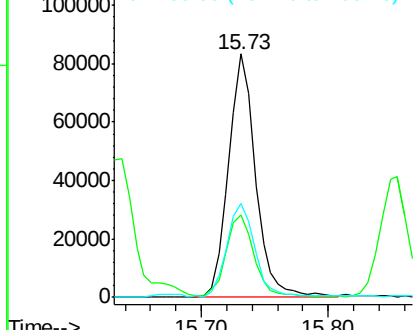
Tot Ion:	198	Resp:	123645
Ion Ratio	Lower	Upper	
198	100		
51	33.7	10.0	50.0
105	38.4	18.9	58.9

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



#66

n-Nitrosodiphenylamine

Concen: 54.733 ng

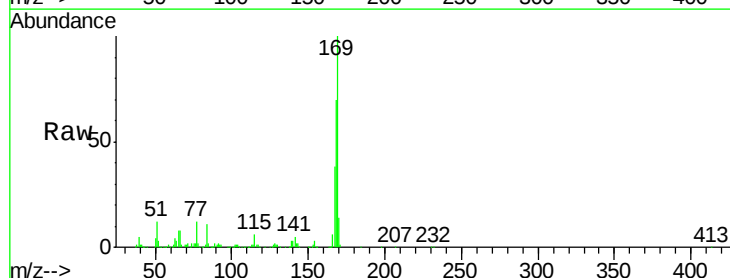
RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

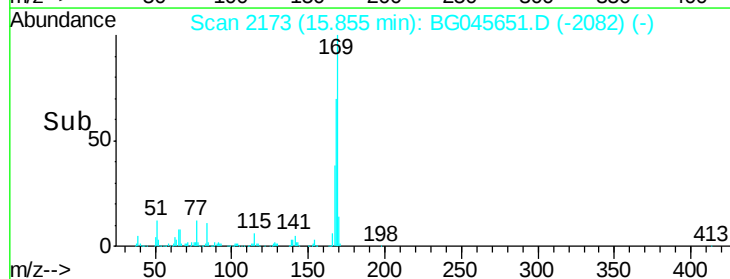
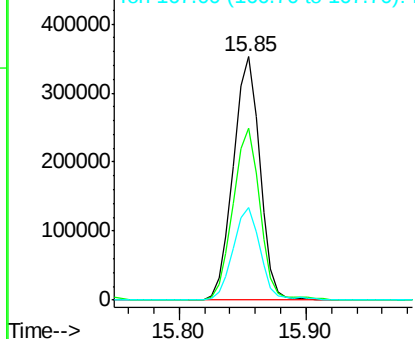
Lab File: BG045651.D

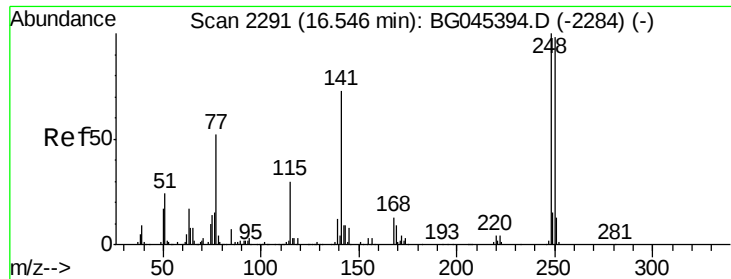
Acq: 8 Jun 2020 20:56

Tgt Ion:	169	Resp:	511069
Ion Ratio	Lower	Upper	
169	100		
168	70.4	57.8	86.6
167	38.1	31.5	47.3



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





#67

4-Bromophenyl-phenylether

Concen: 53.126 ng

RT: 16.53 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

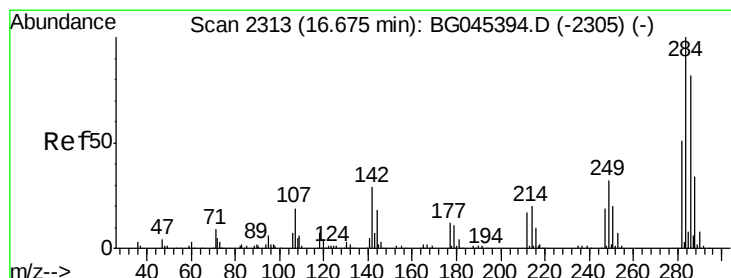
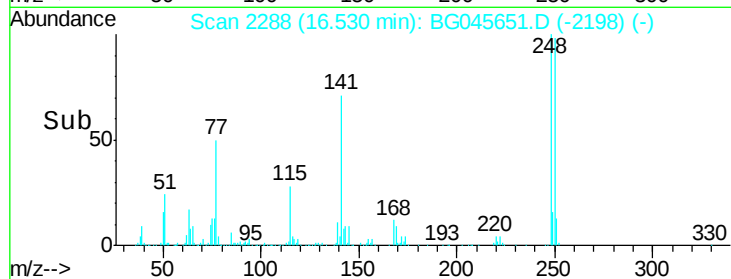
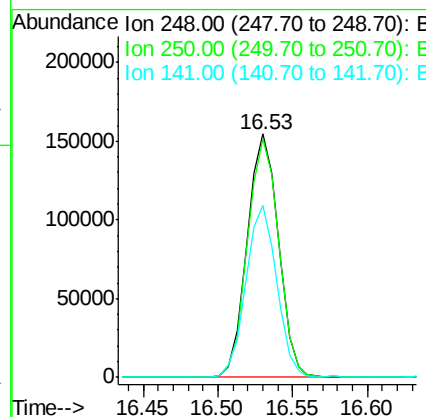
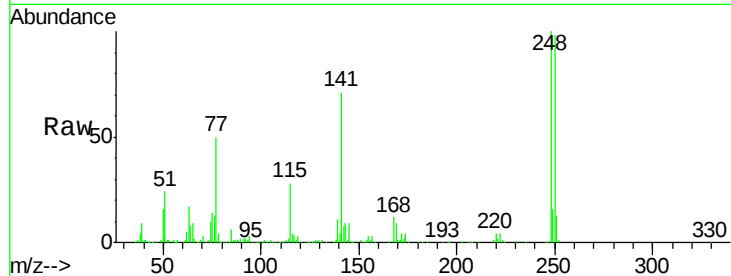
ClientSampleId :

PL-01-060320MS

Tot Ion:	248	Resp:	223723
Ion Ratio	Lower	Upper	
248	100		
250	98.0	78.6	117.8
141	70.8	58.2	87.2

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#68

Hexachlorobenzene

Concen: 54.836 ng

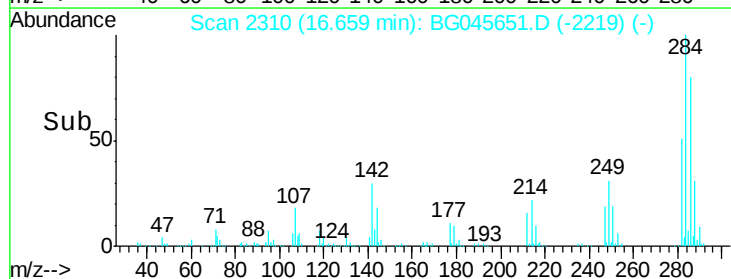
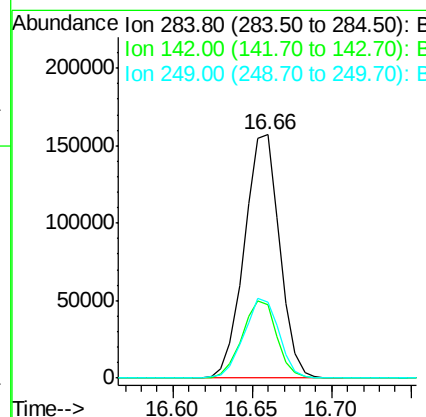
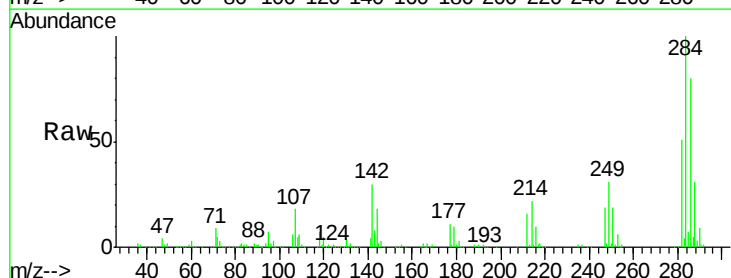
RT: 16.66 min Scan# 2310

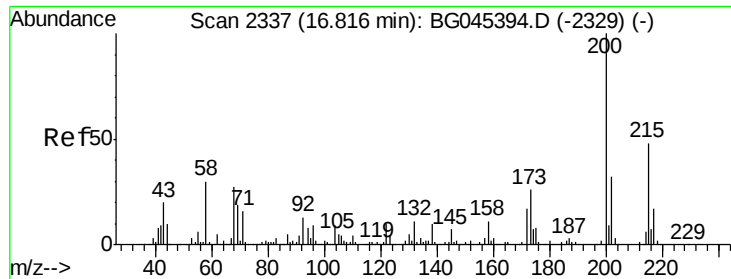
Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion:	284	Resp:	241527
Ion Ratio	Lower	Upper	
284	100		
142	30.0	23.0	34.6
249	31.4	25.8	38.6





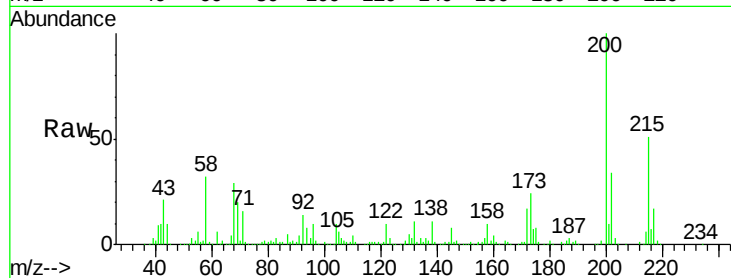
#69
Atrazine
Concen: 50.976 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

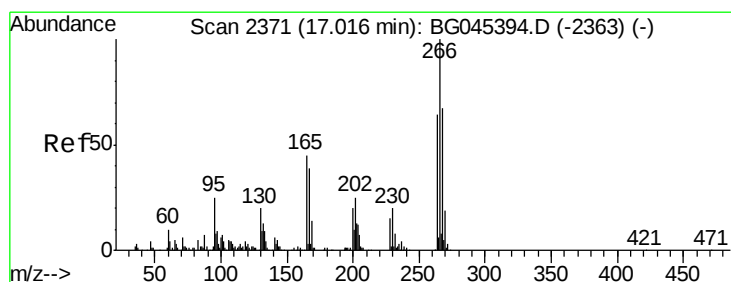
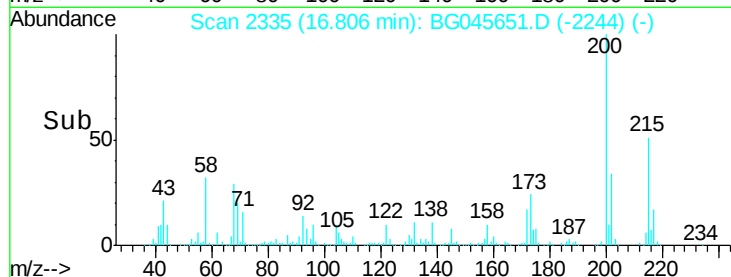
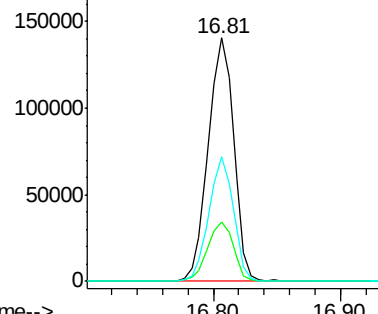
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	5.5	45.5
215	51.0	28.2	68.2

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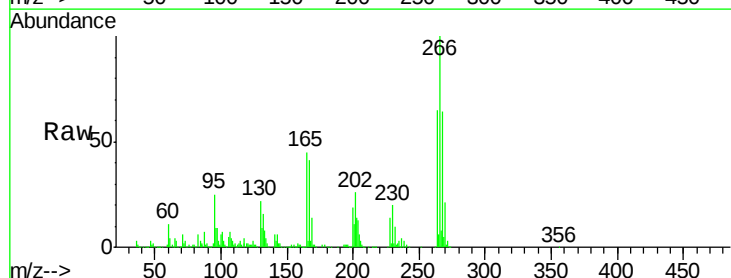


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

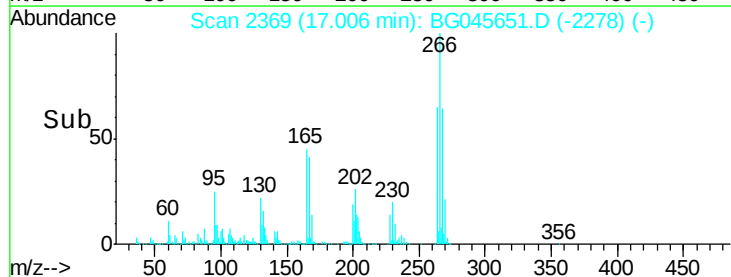
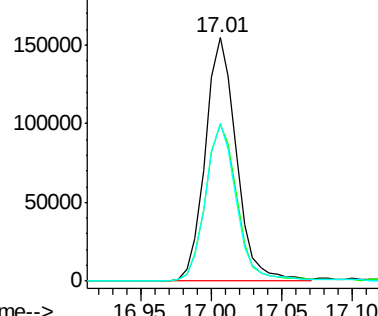


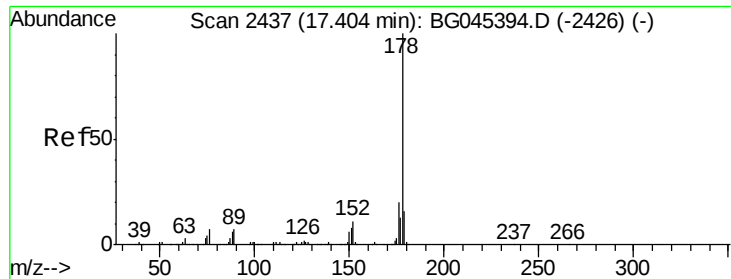
#70
Pentachlorophenol
Concen: 104.057 ng
RT: 17.01 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	53.2	79.8
264	65.1	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





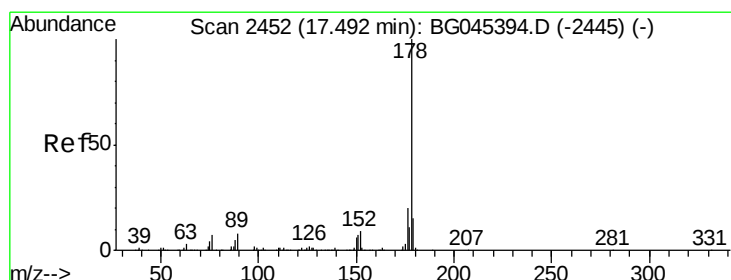
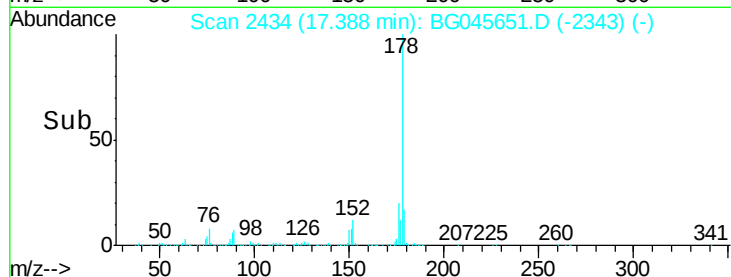
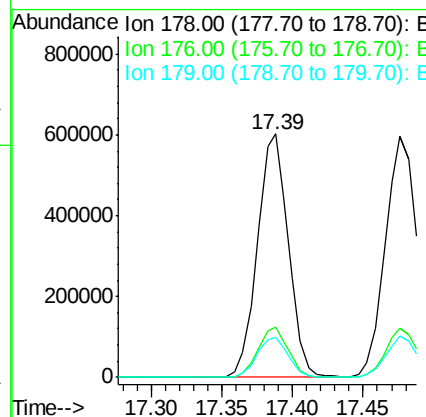
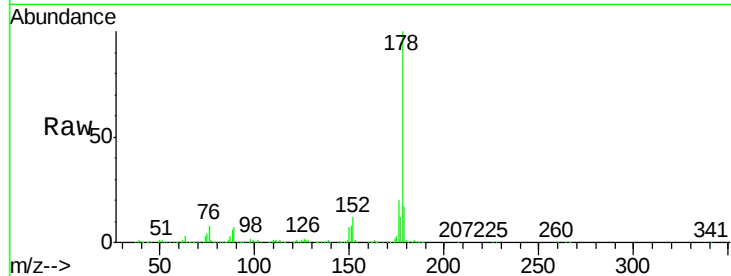
#71
Phenanthrene
Concen: 54.444 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.7	13.1	19.7

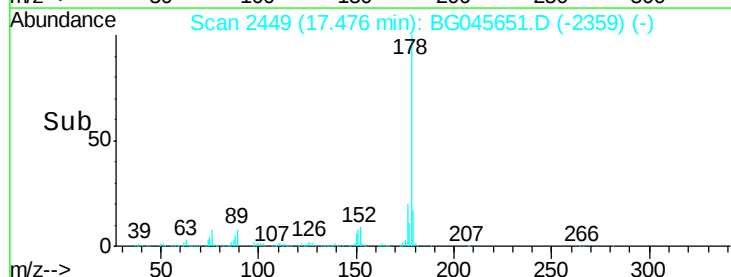
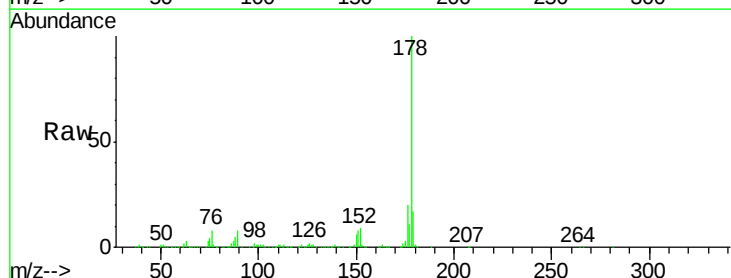
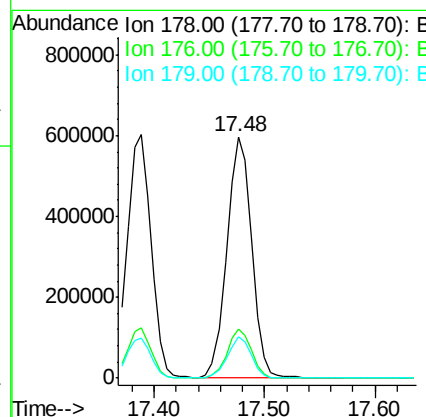
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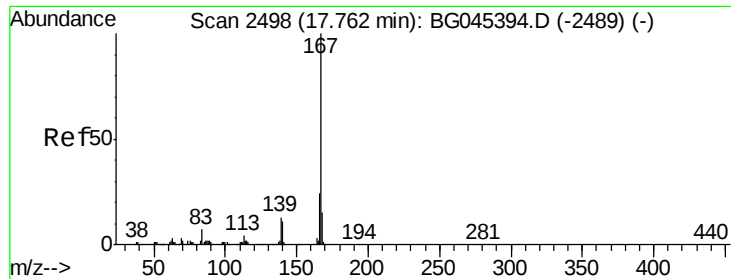
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#72
Anthracene
Concen: 54.916 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	17.0	12.2	18.4





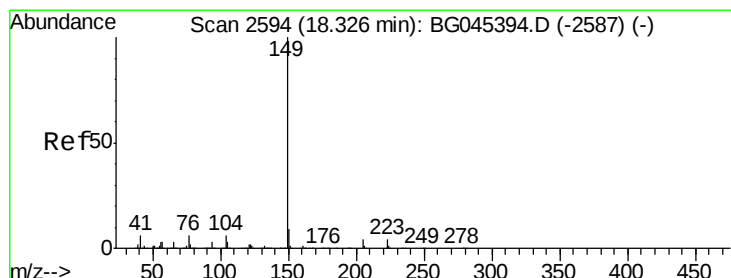
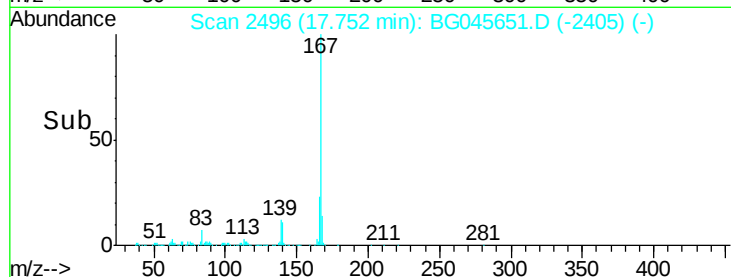
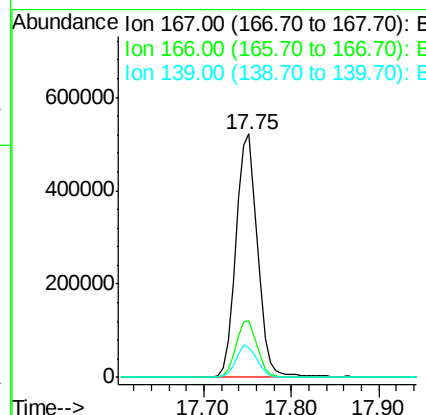
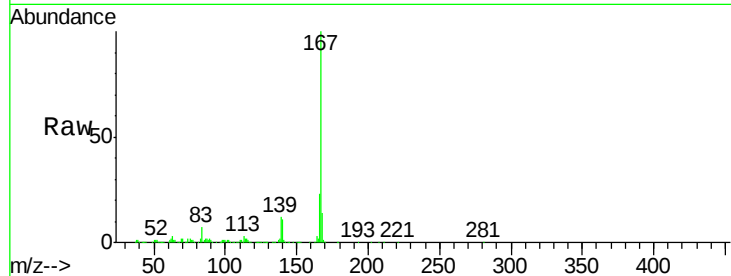
#73
 Carbazole
 Concen: 52.566 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.2	28.8
139	12.5	10.6	16.0

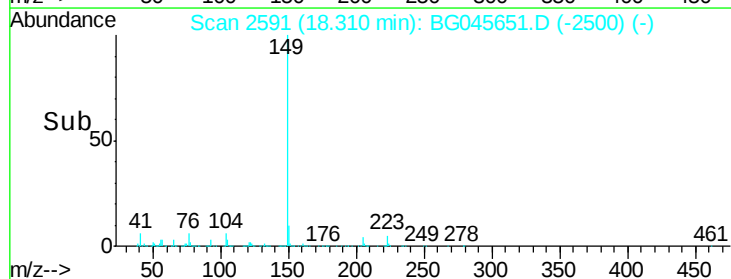
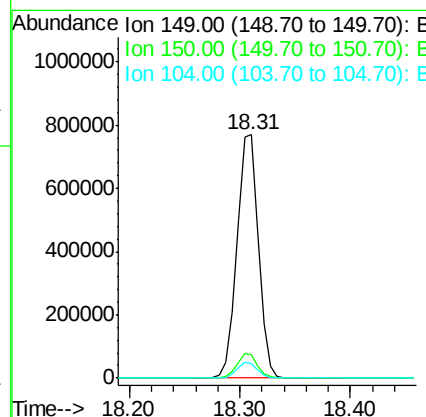
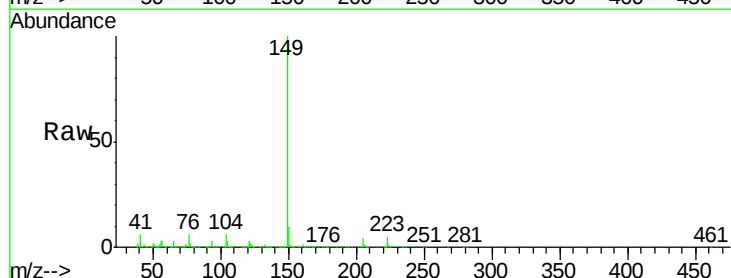
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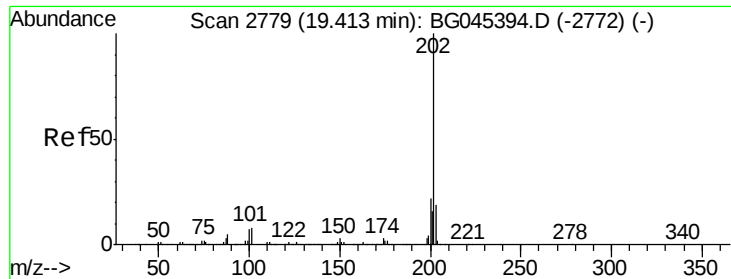
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#74
 Di-n-butylphthalate
 Concen: 52.797 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045651.D
 Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	6.1	5.0	7.4





#75

Fluoranthene

Concen: 53.762 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

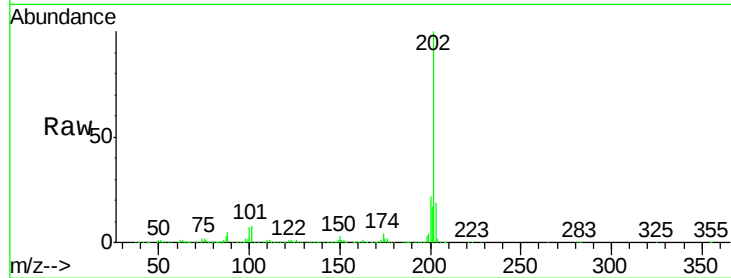
ClientSampleId :

PL-01-060320MS

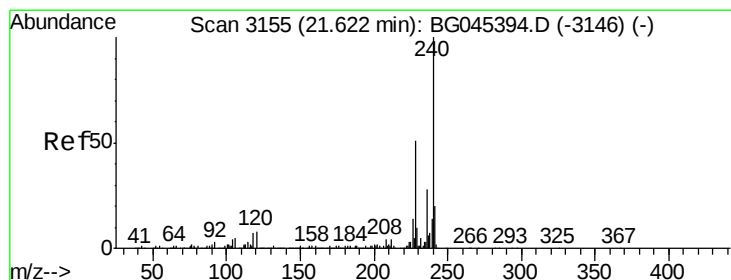
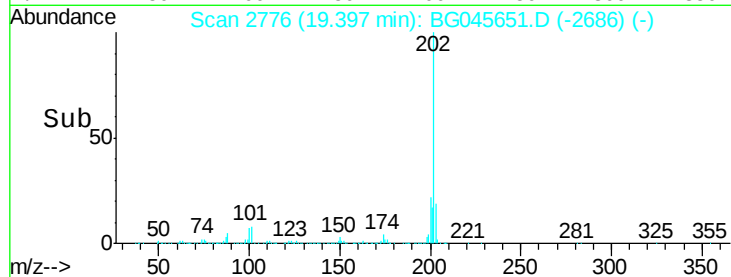
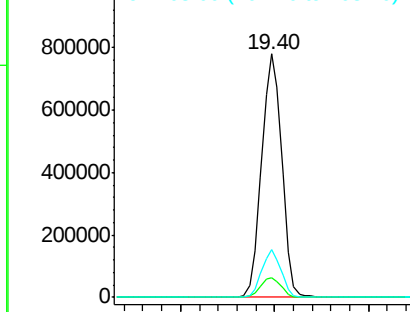
Tot Ion:	202	Resp:	1160988
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	28.3
203	19.4	0.0	39.0

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



#76

Chrysene-d12

Concen: 20.000 ng

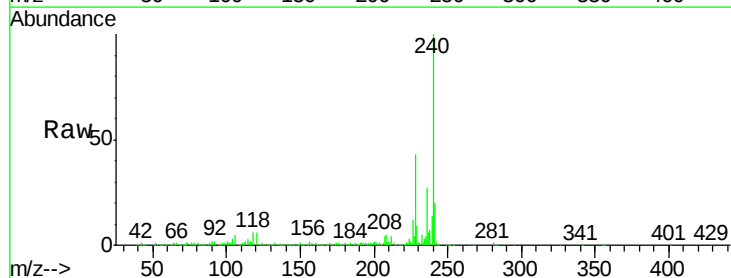
RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

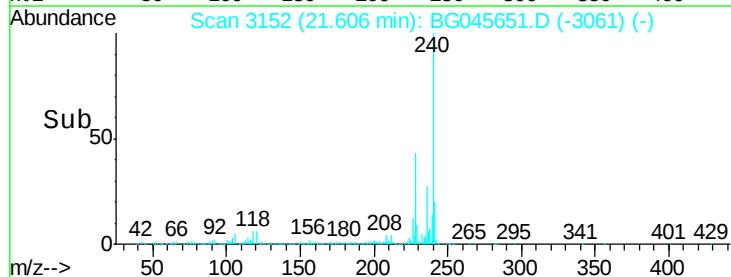
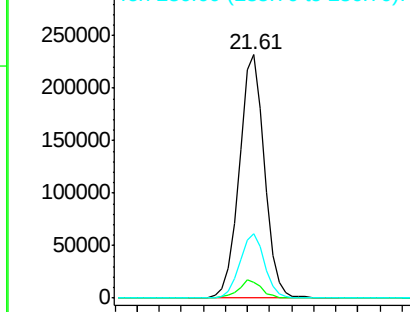
Lab File: BG045651.D

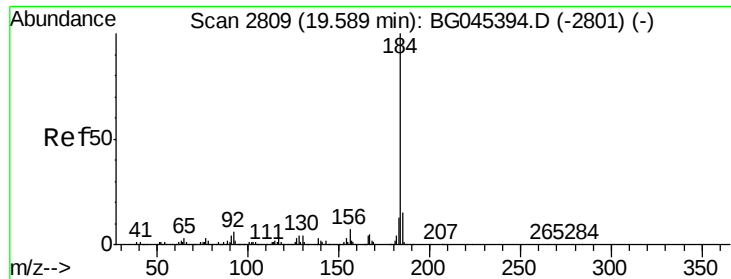
Acq: 8 Jun 2020 20:56

Tgt Ion:	240	Resp:	371774
Ion Ratio	Lower	Upper	
240	100		
120	6.5	6.1	9.1
236	26.6	22.3	33.5



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





#77

Benzidine

Concen: 30.690 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

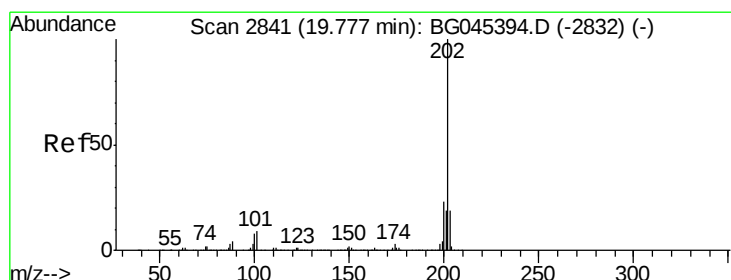
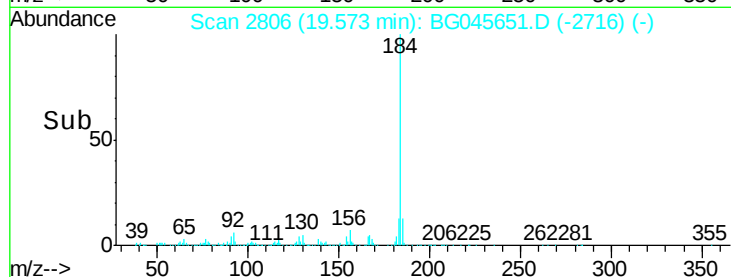
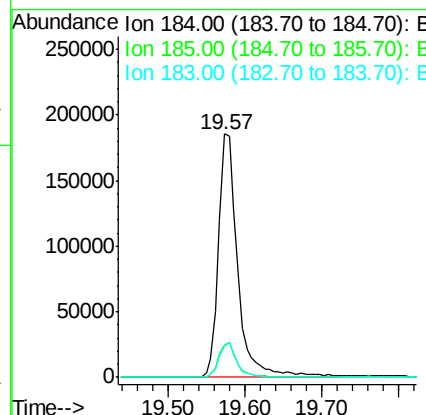
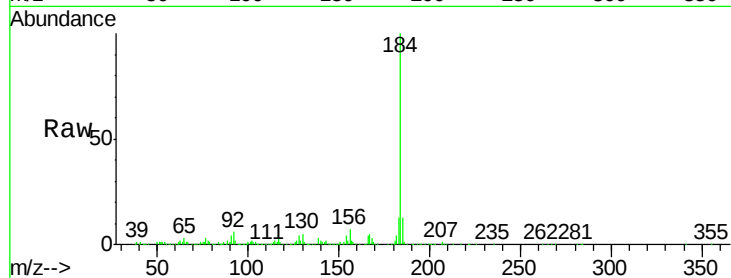
ClientSampleId :

PL-01-060320MS

Tot Ion:	184	Resp:	320445
Ion Ratio	Lower	Upper	
184	100		
185	13.2	11.7	17.5
183	13.0	10.2	15.4

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#78

Pyrene

Concen: 55.043 ng

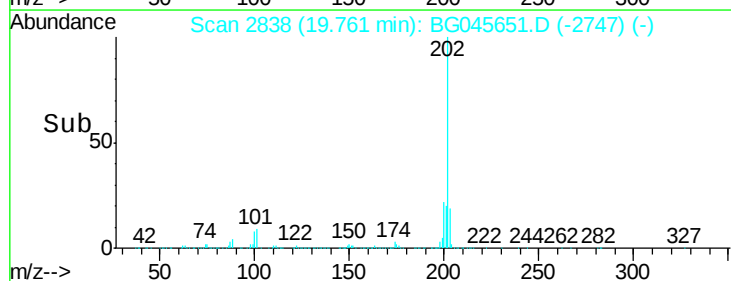
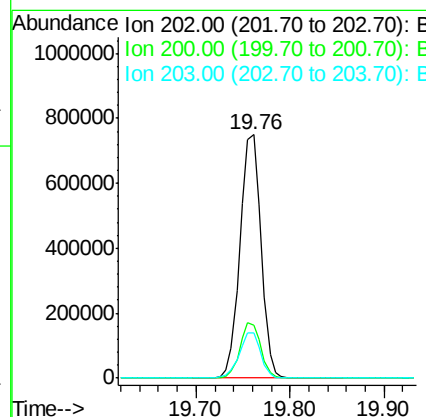
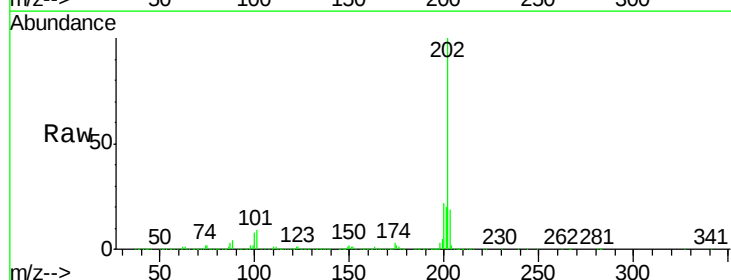
RT: 19.76 min Scan# 2838

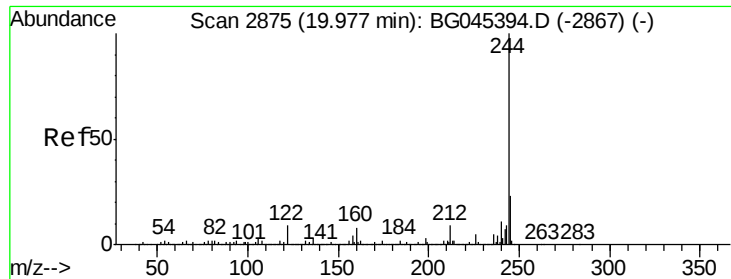
Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Tgt Ion:	202	Resp:	1166514
Ion Ratio	Lower	Upper	
202	100		
200	21.7	18.2	27.2
203	18.8	15.1	22.7





#79

Terphenyl-d14

Concen: 113.153 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

Tot Ion:244 Resp: 1803683

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

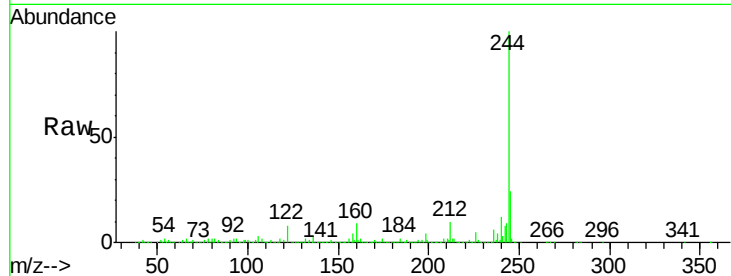
122 8.1 6.8 10.2

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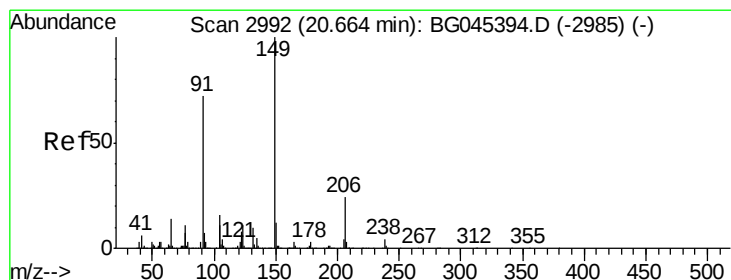
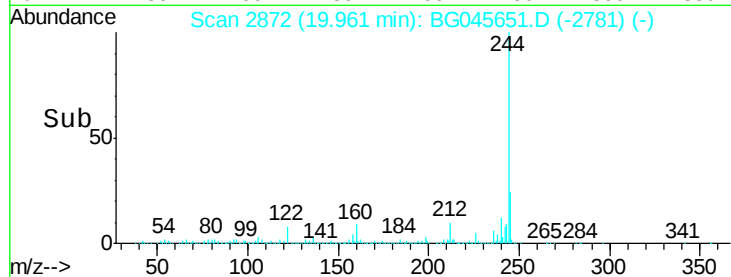
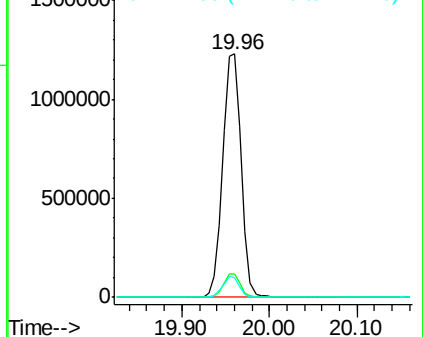
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.926 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

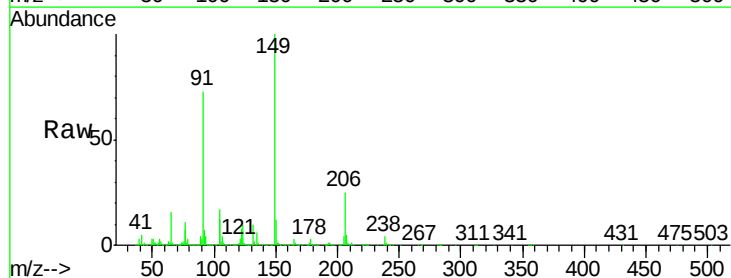
Tgt Ion:149 Resp: 474986

Ion Ratio Lower Upper

149 100

91 72.7 57.8 86.6

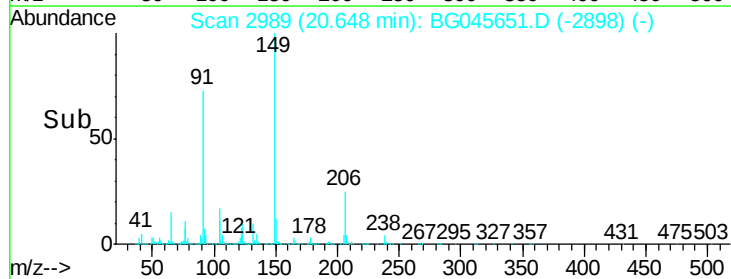
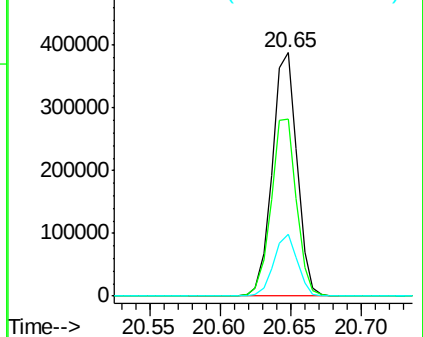
206 25.2 19.1 28.7

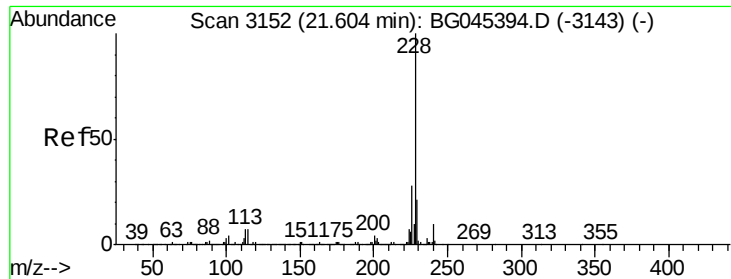


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.155 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

Tot Ion:228 Resp: 1121575

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.2	16.7	25.1

228 100

226 28.6 22.7 34.1

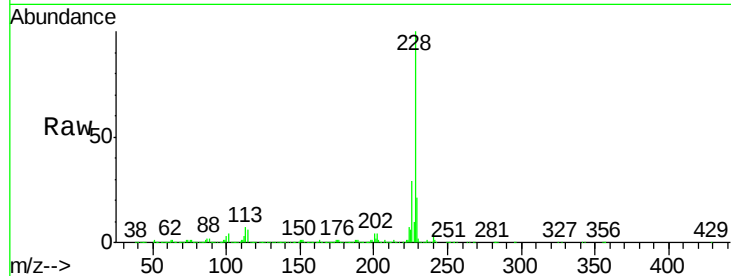
229 21.2 16.7 25.1

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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.58

600000

400000

200000

0

Time-->

21.50 21.55 21.60

21.58

600000

400000

200000

0

Time-->

21.50 21.55 21.60

21.58

600000

400000

200000

0

Time-->

21.50 21.55 21.60

21.58

600000

400000

200000

0

Time-->

21.50 21.55 21.60

21.58

600000

400000

200000

0

Time-->

21.50 21.55 21.60

21.58

600000

400000

200000

0

Time-->

21.50 21.55 21.60

21.58

600000

400000

200000

0

Time-->

21.50 21.55 21.60

21.58

600000

400000

200000

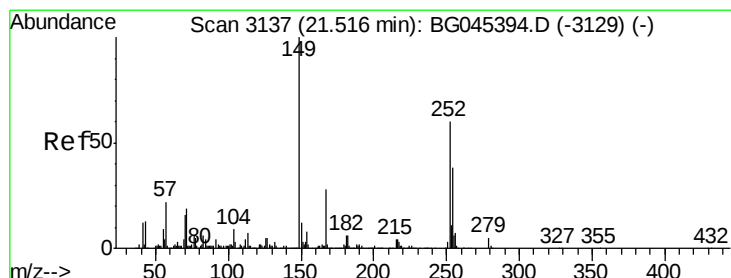
0

Time-->

21.50 21.55 21.60

21.58

600000



#82

3,3'-Dichlorobenzidine

Concen: 34.852 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

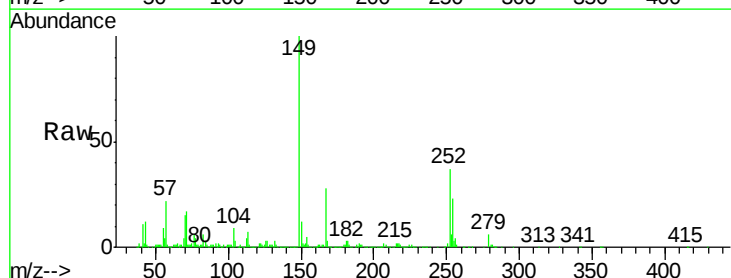
Tgt Ion:252 Resp: 283132

Ion	Ratio	Lower	Upper
252	100		
254	61.5	51.3	76.9
126	7.9	6.6	10.0

252 100

254 61.5 51.3 76.9

126 7.9 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

21.50

200000

150000

100000

50000

0

Time-->

21.40 21.50 21.60

21.50

200000

150000

100000

50000

0

Time-->

21.40 21.50 21.60

21.50

200000

150000

100000

50000

0

Time-->

21.40 21.50 21.60

21.50

200000

150000

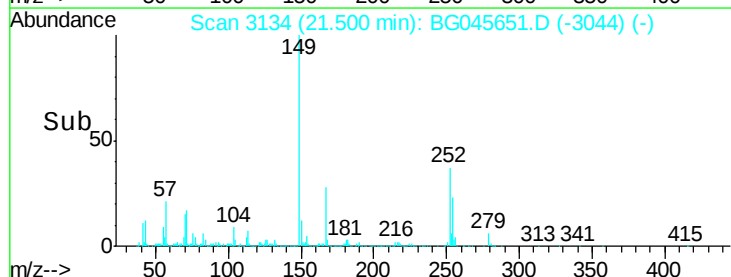
100000

50000

0

Time-->

21.40 21.50 21.60





#83

Chrysene

Concen: 54.006 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

Tot Ion:228 Resp: 1075459

Ion Ratio Lower Upper

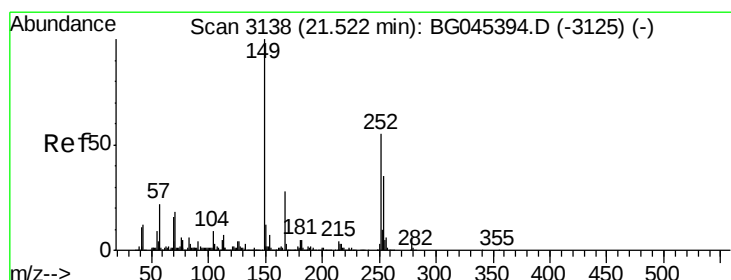
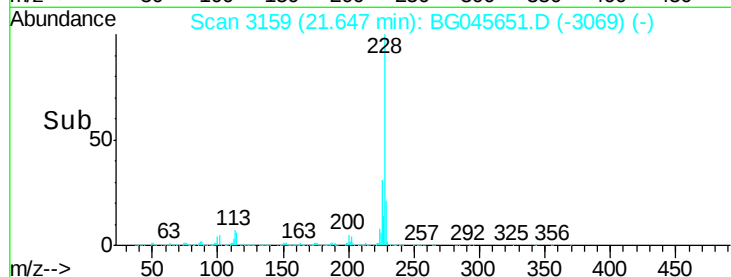
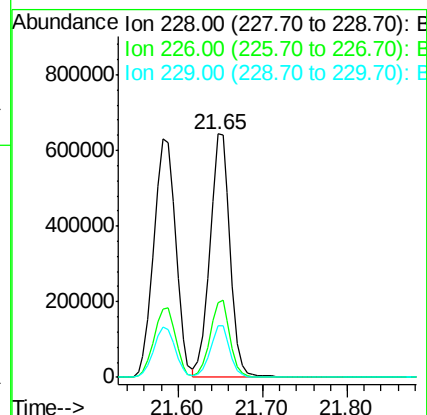
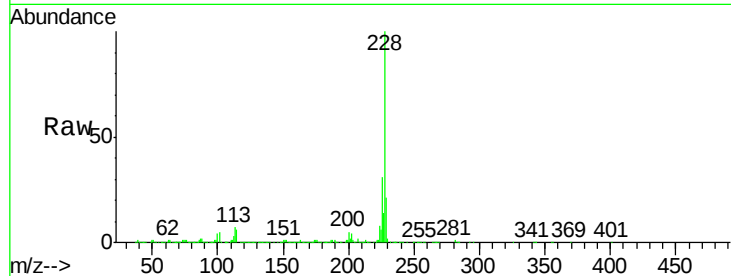
228 100

226 30.6 25.2 37.8

229 21.1 16.7 25.1

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#84

Bis(2-ethylhexyl)phthalate

Concen: 53.142 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

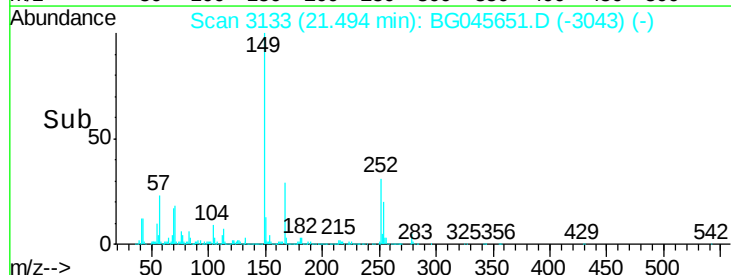
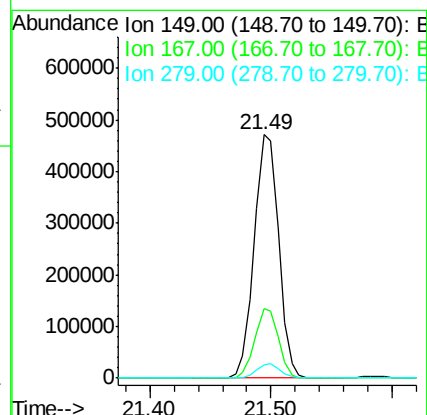
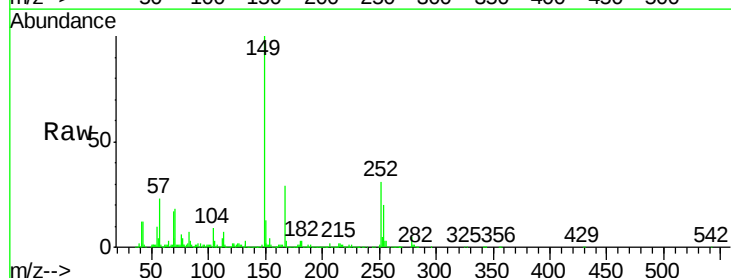
Tgt Ion:149 Resp: 668228

Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.2

279 5.4 4.7 7.1





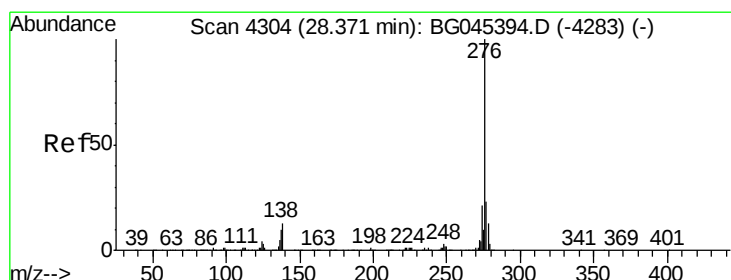
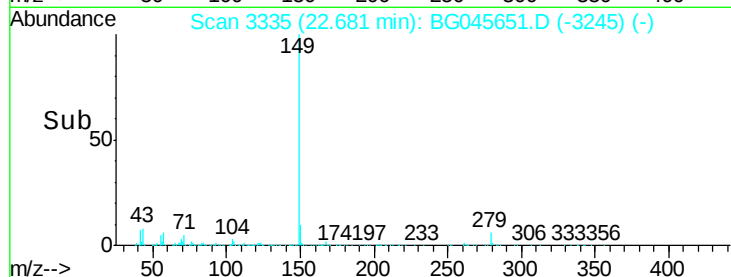
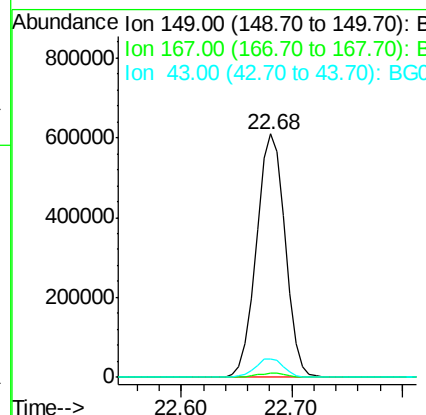
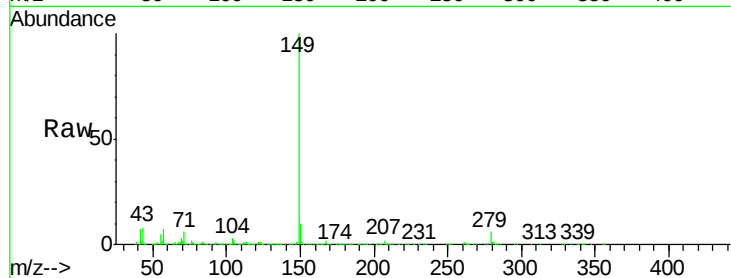
#85
Di-n-octyl phthalate
Concen: 51.326 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.4	5.8	8.8

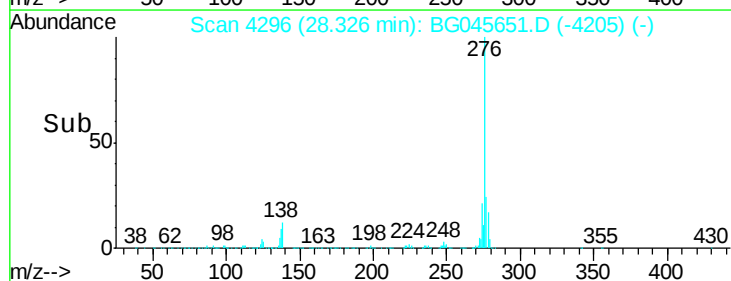
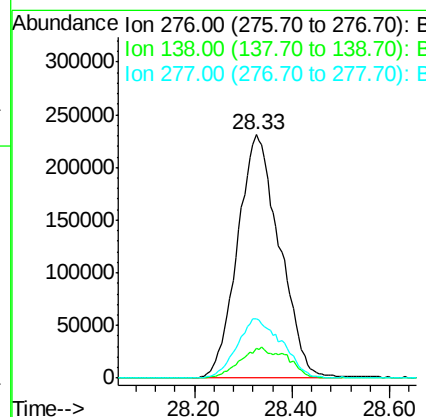
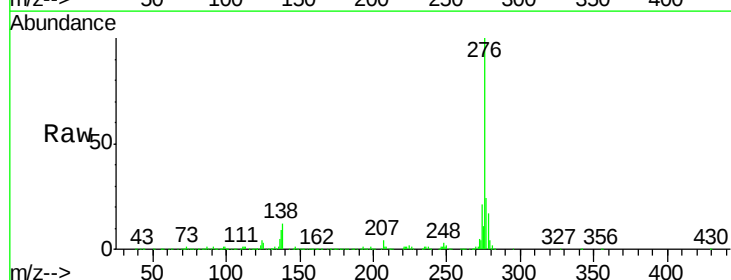
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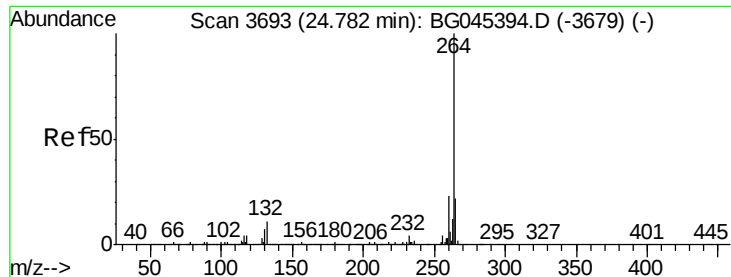
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.099 ng
RT: 28.33 min Scan# 4296
Delta R.T. 0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.2	8.6	12.8
277	25.9	20.2	30.4





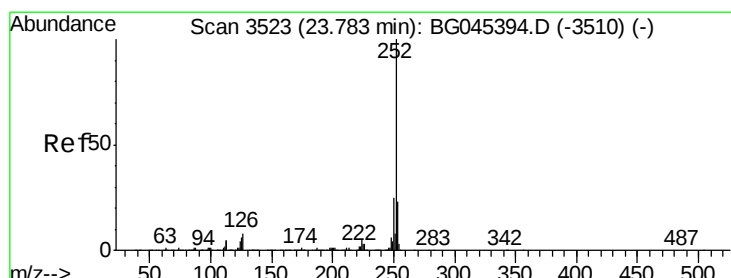
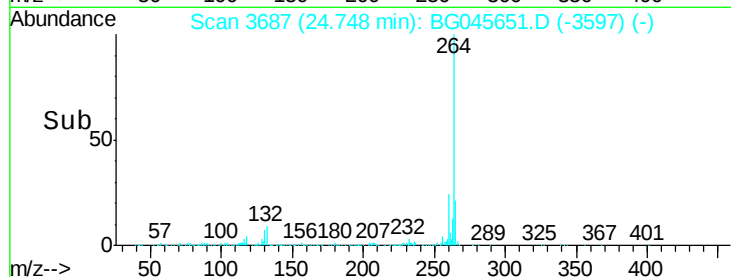
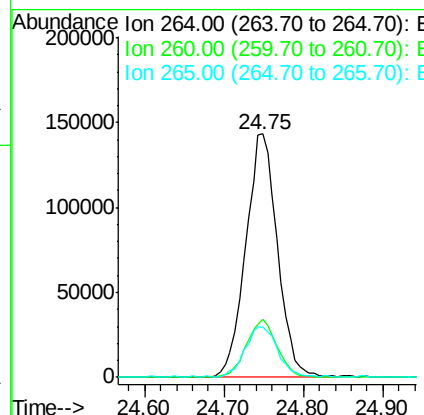
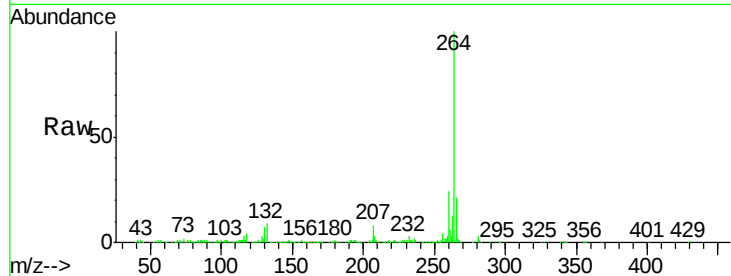
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion:	264	Resp:	398102
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.4
265	20.8	17.6	26.4

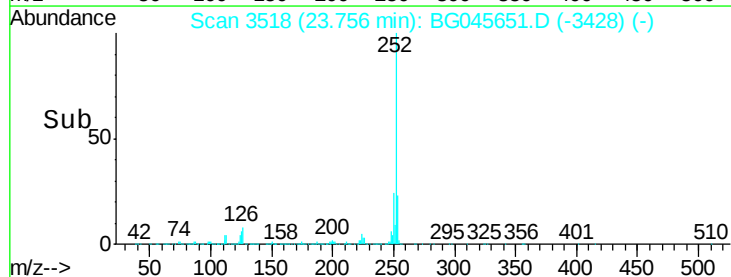
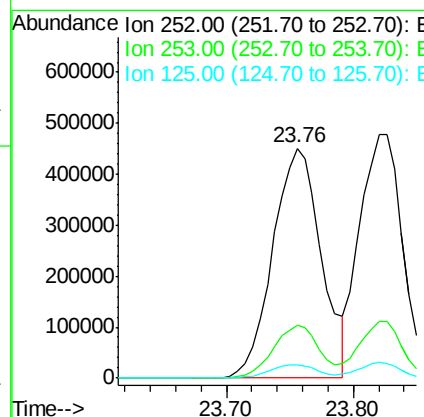
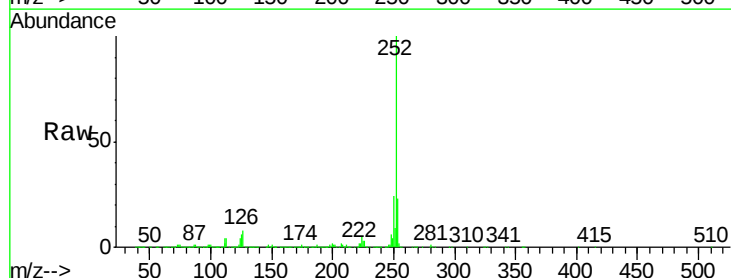
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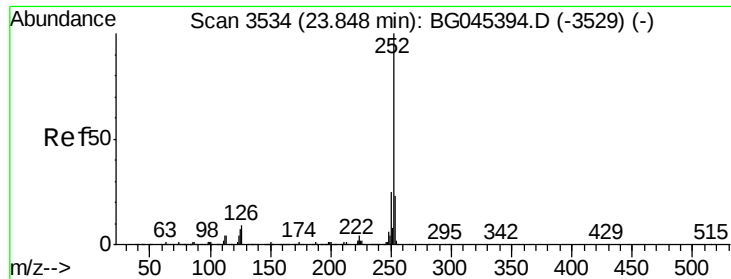
mohammad
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#88
Benzo(b)fluoranthene
Concen: 56.070 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion:	252	Resp:	1197143
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	6.0	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 56.151 ng

RT: 23.83 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

Tot Ion:252 Resp: 1126308

Ion Ratio Lower Upper

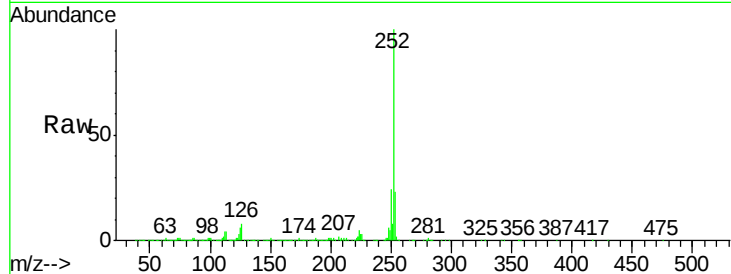
252 100

253 23.5 18.4 27.6

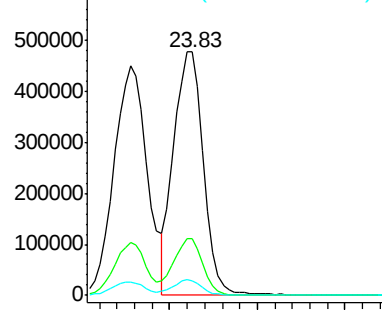
125 5.8 5.7 8.5

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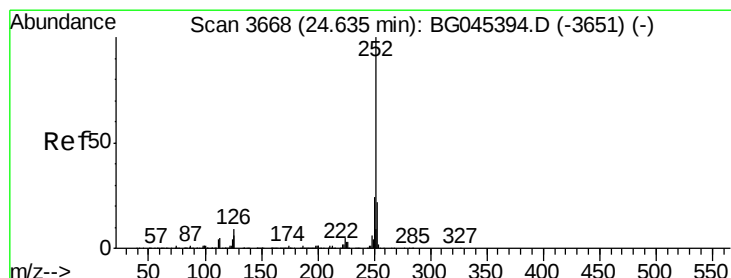
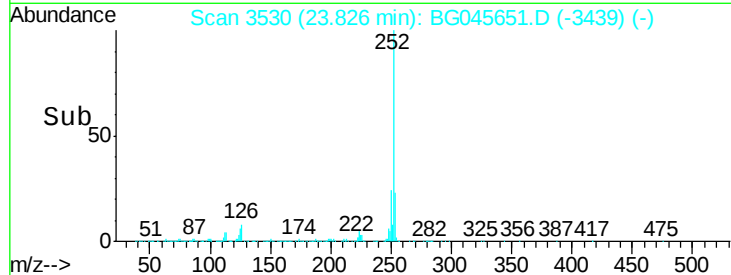
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 53.794 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BG045651.D

Acq: 8 Jun 2020 20:56

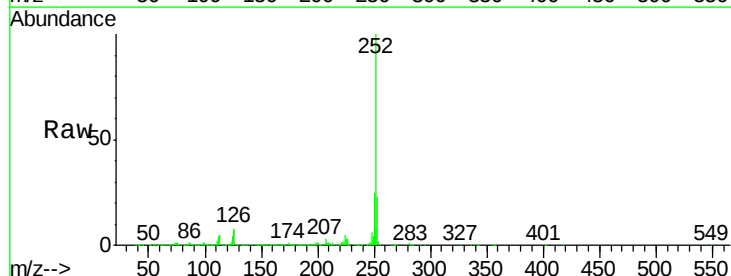
Tgt Ion:252 Resp: 1069662

Ion Ratio Lower Upper

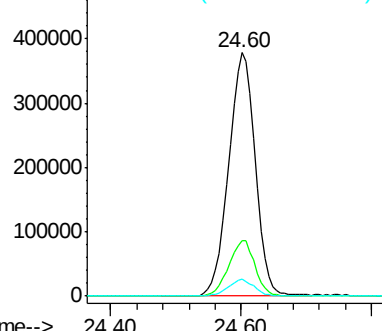
252 100

253 22.5 17.2 25.8

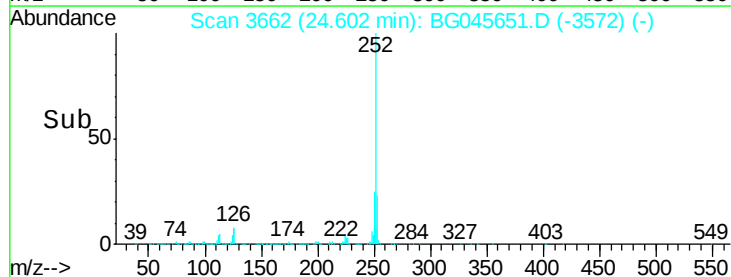
125 6.9 5.0 7.6

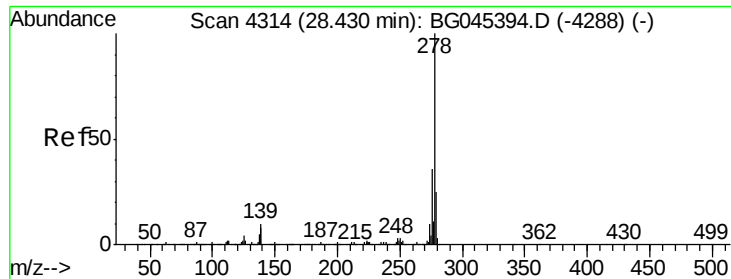


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





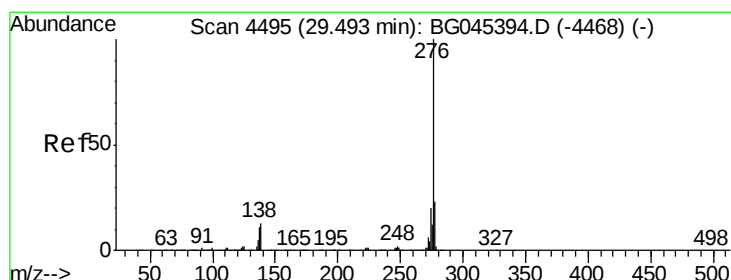
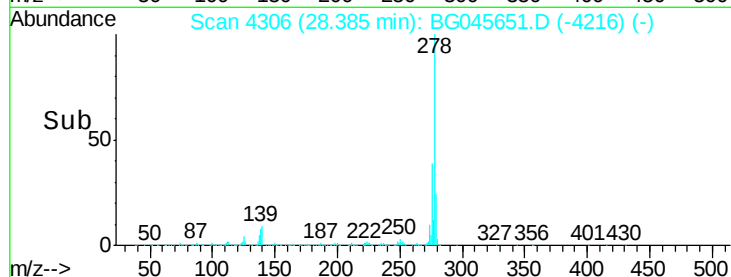
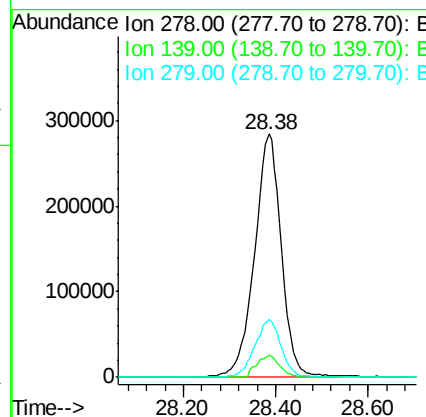
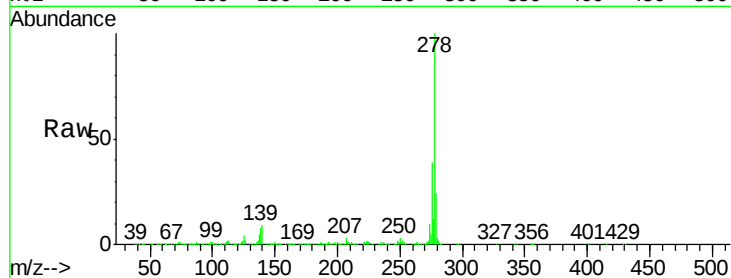
#91
Dibenzo(a,h)anthracene
Concen: 57.169 ng
RT: 28.38 min Scan# 4306
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.8	11.8
279	23.8	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 57.558 ng
RT: 29.44 min Scan# 4485
Delta R.T. -0.00 min
Lab File: BG045651.D
Acq: 8 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.1	27.1
138	12.3	10.2	15.4

