

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045658.D
 Acq On : 9 Jun 2020 11:02
 Operator : CG/JU
 Sample : PB129381BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

Manual Integrations
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mohammad
 6/10/2020 11:50:04 AM

Quant Time: Jun 09 11:52:02 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	62820	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	264032	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	194305	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	445262	20.00	ng	0.00
76) Chrysene-d12	21.61	240	413469	20.00	ng	0.00
87) Perylene-d12	24.74	264	449603	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	477768	148.63	ng	0.00
7) Phenol-d6	7.14	99	676778	147.93	ng	0.00
23) Nitrobenzene-d5	9.11	82	428486	88.50	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	322098	129.62	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	994936	86.85	ng	0.00
79) Terphenyl-d14	19.96	244	1649884	93.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	57110	35.83	ng	94
3) Pyridine	3.80	79	136915	30.84	ng	94
4) n-Nitrosodimethylamine	3.71	42	65003	44.75	ng	89
6) Aniline	7.27	93	206955	34.65	ng	95
8) 2-Chlorophenol	7.52	128	170223	48.29	ng	97
9) Benzaldehyde	7.08	77	102573	34.41	ng	97
10) Phenol	7.17	94	229559	48.68	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	158974	43.22	ng	98
12) 1,3-Dichlorobenzene	7.84	146	174079	41.09	ng	97
13) 1,4-Dichlorobenzene	7.98	146	177861	42.55	ng	94
14) 1,2-Dichlorobenzene	8.30	146	169016	42.04	ng	97
15) Benzyl Alcohol	8.20	79	180304	47.71	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	146625	42.00	ng	98
17) 2-Methylphenol	8.41	107	153779	43.57	ng	95
18) Hexachloroethane	9.03	117	68457	42.76	ng	92
19) n-Nitroso-di-n-propylamine	8.76	70	141410	44.70	ng	94
20) 3+4-Methylphenols	8.74	107	213662	44.46	ng	95
22) Acetophenone	8.77	105	258827	41.36	ng	98
24) Nitrobenzene	9.15	77	220366	42.48	ng	94
25) Isophorone	9.68	82	396647	41.60	ng	100
26) 2-Nitrophenol	9.86	139	97126	43.77	ng	98
27) 2,4-Dimethylphenol	9.94	122	163248	49.60	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	219045	43.80	ng	98
29) 2,4-Dichlorophenol	10.42	162	178759	45.99	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	194936	42.45	ng	100
31) Naphthalene	10.80	128	526258	42.77	ng	99
32) Benzoic acid	10.12	122	81210	38.73	ng	92
33) 4-Chloroaniline	10.92	127	102834	19.99	ng	98
34) Hexachlorobutadiene	11.10	225	133307	41.06	ng	99
35) Caprolactam	11.70	113	61458m	43.08	ng	
36) 4-Chloro-3-methylphenol	12.07	107	207963	47.48	ng	99
37) 2-Methylnaphthalene	12.41	142	404382	44.10	ng	98
38) 1-Methylnaphthalene	12.64	142	384901	44.43	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	231644	42.68	ng	99

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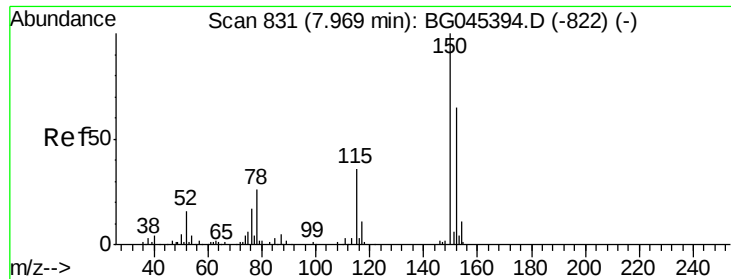
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	297254	94.89	ng	97
43) 2,4,6-Trichlorophenol	13.04	196	160198	42.49	ng	97
44) 2,4,5-Trichlorophenol	13.12	196	167272	38.83	ng	97
46) 1,1'-Biphenyl	13.42	154	531509	44.52	ng	99
47) 2-Chloronaphthalene	13.46	162	402693	41.54	ng	99
48) 2-Nitroaniline	13.67	65	132219	41.46	ng	96
49) Acenaphthylene	14.32	152	673553	43.25	ng	99
50) Dimethylphthalate	14.05	163	558913	41.93	ng	99
51) 2,6-Dinitrotoluene	14.17	165	125694	41.79	ng	97
52) Acenaphthene	14.66	154	395395	37.93	ng	98
53) 3-Nitroaniline	14.50	138	75397	24.66	ng	99
54) 2,4-Dinitrophenol	14.72	184	143313	73.23	ng	98
55) Dibenzofuran	14.99	168	650989	42.05	ng	97
56) 4-Nitrophenol	14.85	139	168787	72.92	ng	85
57) 2,4-Dinitrotoluene	14.96	165	176302	40.47	ng	97
58) Fluorene	15.64	166	546600	42.98	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	157953	41.67	ng	99
60) Diethylphthalate	15.41	149	568004	40.94	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	306076	42.06	ng	98
62) 4-Nitroaniline	15.67	138	123462	38.68	ng	94
63) Azobenzene	15.93	77	564306	43.62	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	110912	42.77	ng	93
66) n-Nitrosodiphenylamine	15.85	169	485777	45.44	ng	95
67) 4-Bromophenyl-phenylether	16.53	248	207770	43.09	ng	99
68) Hexachlorobenzene	16.65	284	227052	45.02	ng	95
69) Atrazine	16.80	200	183920	41.77	ng	98
70) Pentachlorophenol	17.01	266	215928	82.46	ng	98
71) Phenanthrene	17.38	178	862119	44.35	ng	99
72) Anthracene	17.48	178	896176	45.91	ng	98
73) Carbazole	17.75	167	806196	42.37	ng	100
74) Di-n-butylphthalate	18.31	149	964475	42.23	ng	99
75) Fluoranthene	19.40	202	1066235	43.13	ng	100
77) Benzidine	19.57	184	414092	35.66	ng	99
78) Pyrene	19.76	202	1061356	45.03	ng	99
80) Butylbenzylphthalate	20.64	149	421600	41.44	ng	97
81) Benzo(a)anthracene	21.58	228	1003197	43.55	ng	98
82) 3,3'-Dichlorobenzidine	21.50	252	251626	27.85	ng	97
83) Chrysene	21.65	228	941656	42.52	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	599583	42.87	ng	100
85) Di-n-octyl phthalate	22.68	149	999271	41.60	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1235519	42.66	ng	# 96
88) Benzo(b)fluoranthene	23.76	252	1077995	44.71	ng	100
89) Benzo(k)fluoranthene	23.82	252	1027031	45.34	ng	98
90) Benzo(a)pyrene	24.60	252	973442	43.35	ng	96
91) Dibenzo(a,h)anthracene	28.37	278	1010762	44.79	ng	99
92) Benzo(g,h,i)perylene	29.44	276	1025620	45.44	ng	98

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



#1

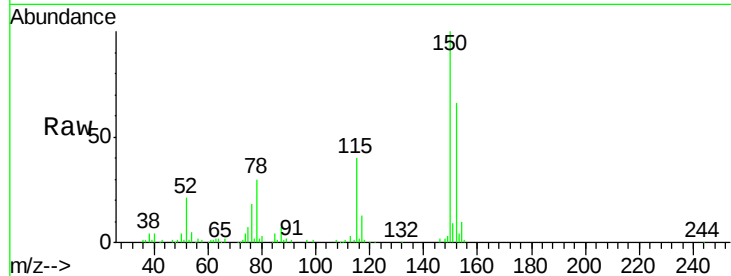
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

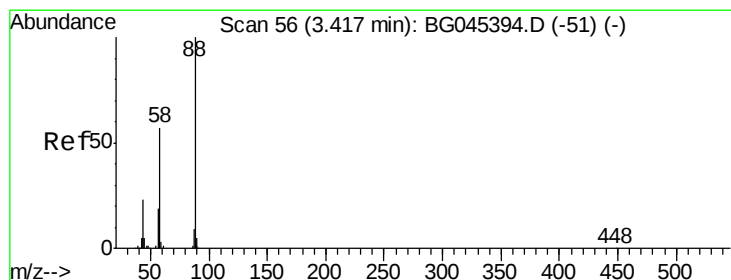
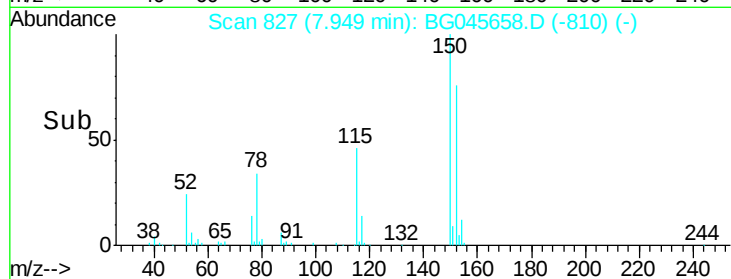
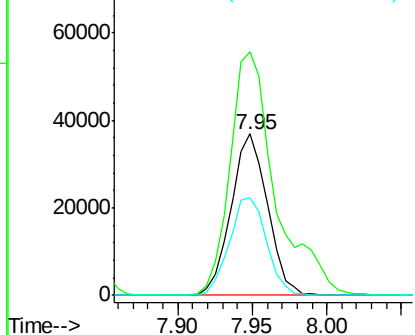
Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	122.4	183.6
115	60.8	44.2	66.4

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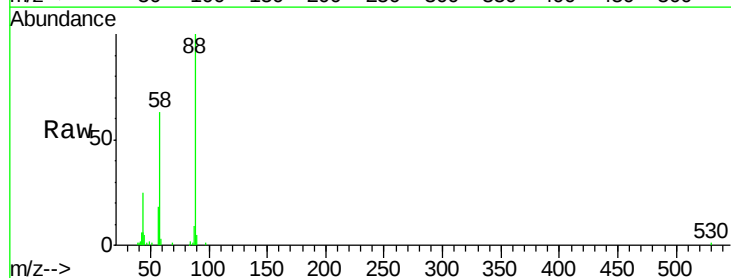
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



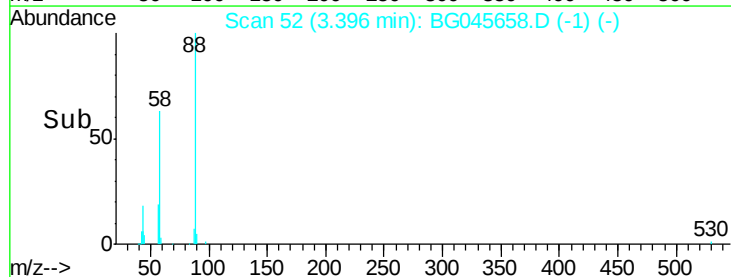
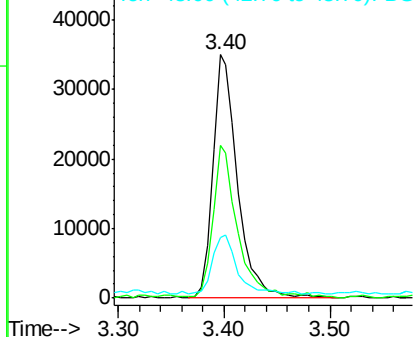
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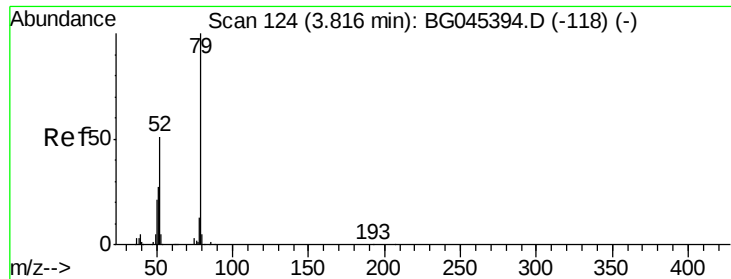
1,4-Dioxane
Concen: 35.83 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.0	45.7	68.5
43	24.3	16.8	25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





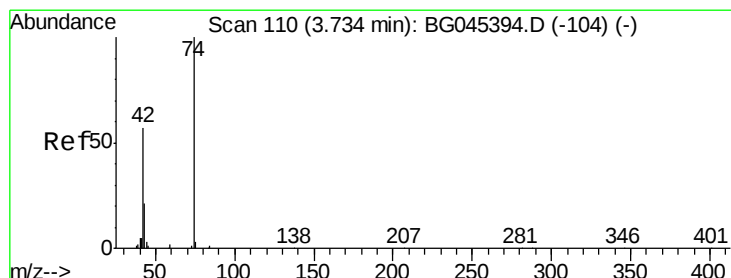
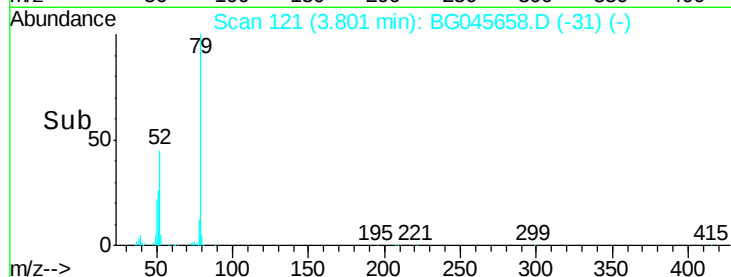
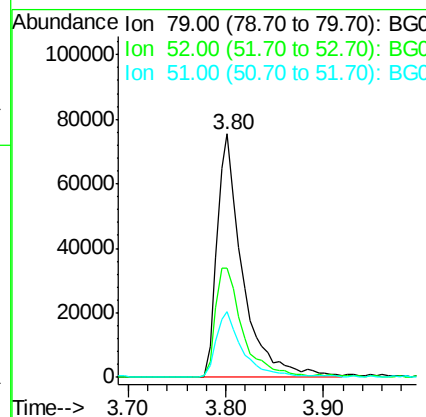
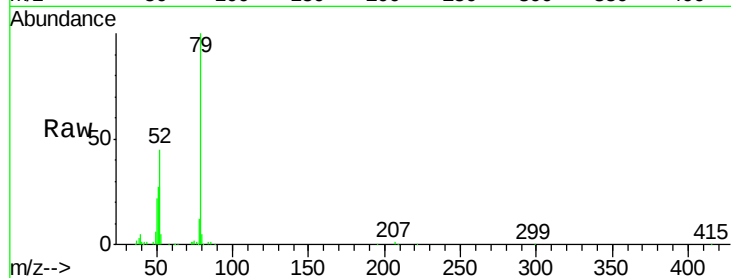
#3
 Pyridine
 Concen: 30.84 ng
 RT: 3.80 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
79	100	136915		
52	44.8		40.8	61.2
51	26.7		21.9	32.9

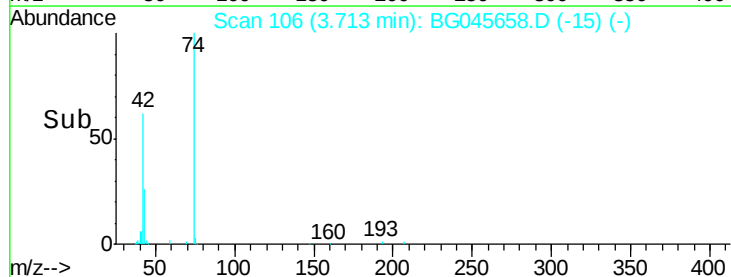
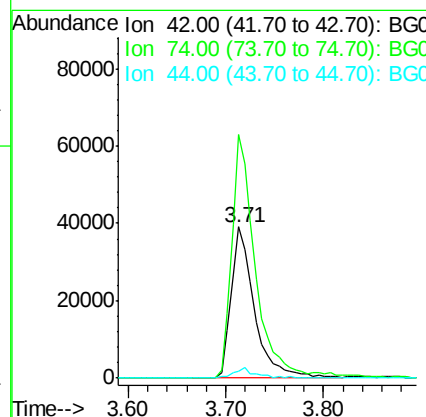
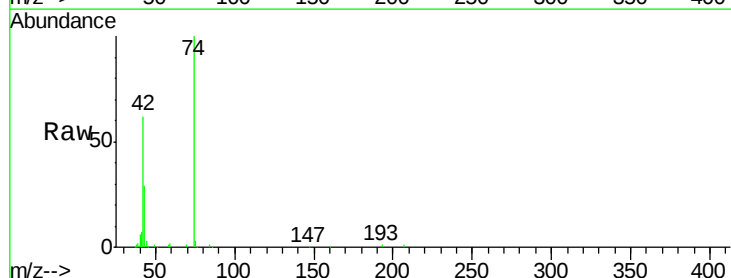
Manual Integrations
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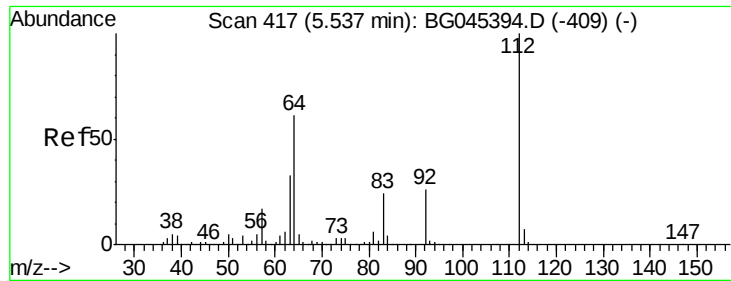
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 6/10/2020 11:50:04 AM



#4
 n-Nitrosodimethylamine
 Concen: 44.75 ng
 RT: 3.71 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	65003		
74	161.2		141.3	211.9
44	4.6		4.2	6.4





#5

2-Fluorophenol

Concen: 148.63 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

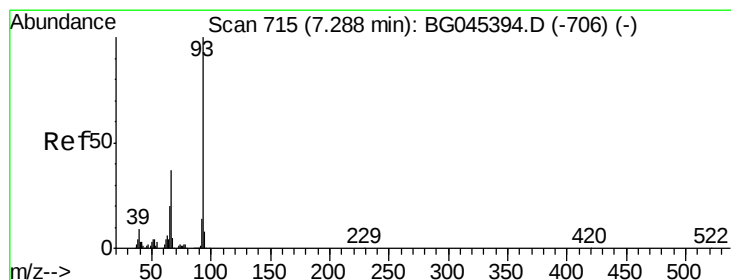
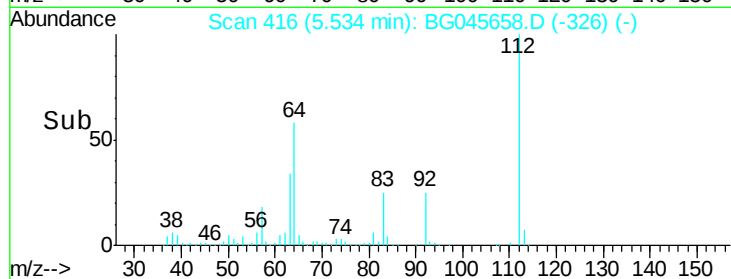
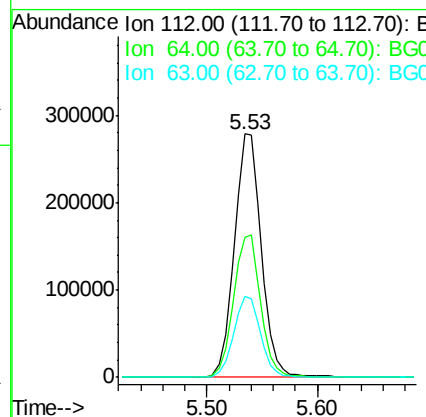
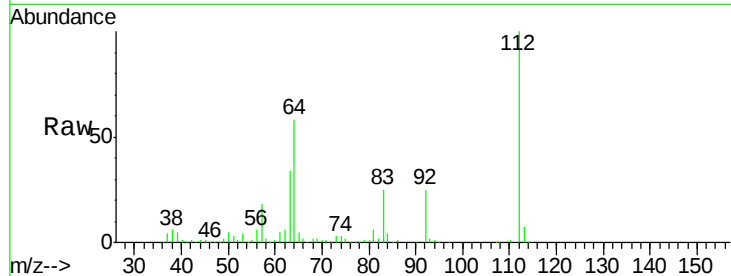
ClientSampleId :

PB129381BS

Tgt Ion:	112	Resp:	477768
Ion Ratio	Lower	Upper	
112	100		
64	57.7	48.6	72.8
63	33.5	26.5	39.7

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#6

Aniline

Concen: 34.65 ng

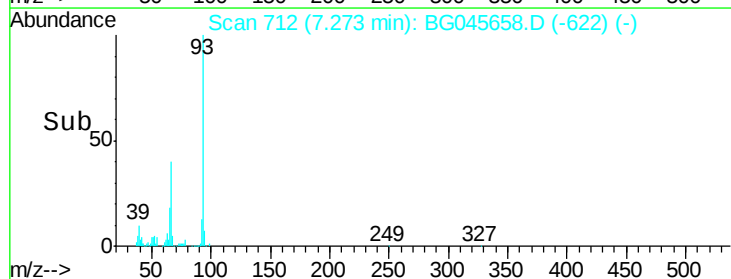
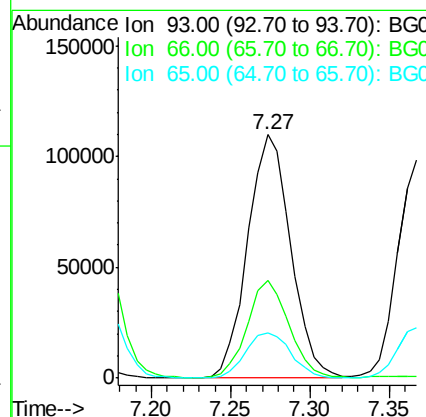
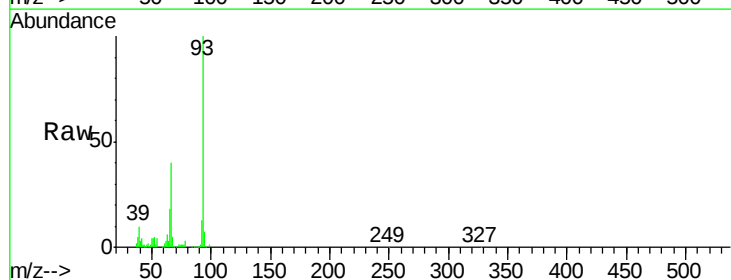
RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Tgt Ion:	93	Resp:	206955
Ion Ratio	Lower	Upper	
93	100		
66	40.3	29.6	44.4
65	18.5	15.9	23.9





#7

Phenol-d6

Concen: 147.93 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

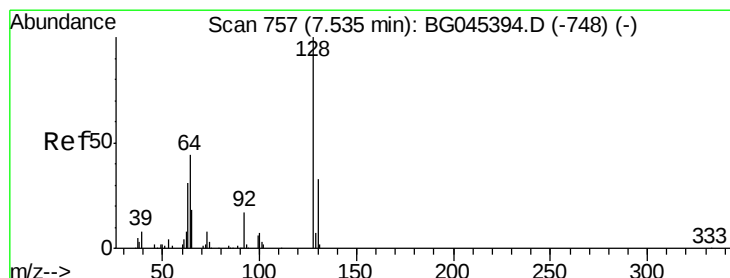
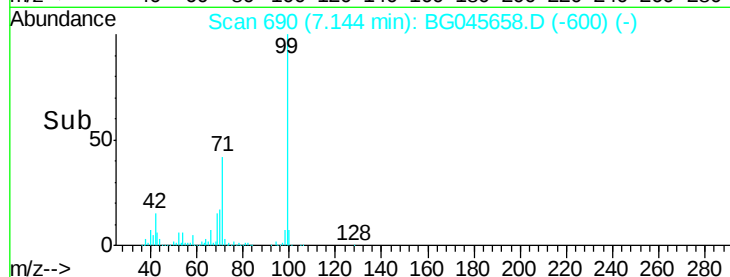
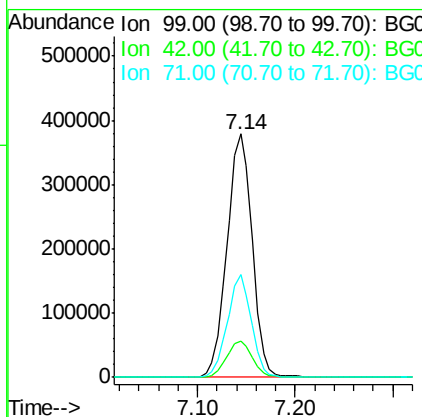
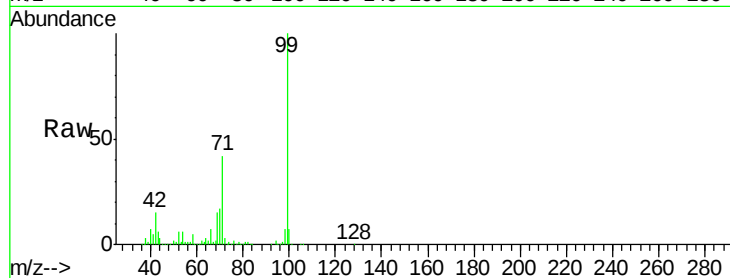
ClientSampleId :

PB129381BS

Tgt Ion:	99	Resp:	676778
Ion Ratio	Lower	Upper	
99	100		
42	14.9	11.3	16.9
71	42.2	30.8	46.2

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#8

2-Chlorophenol

Concen: 48.29 ng

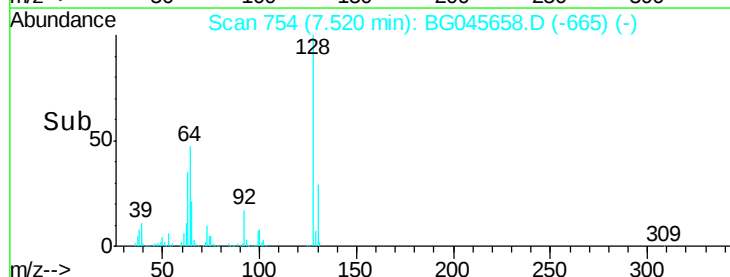
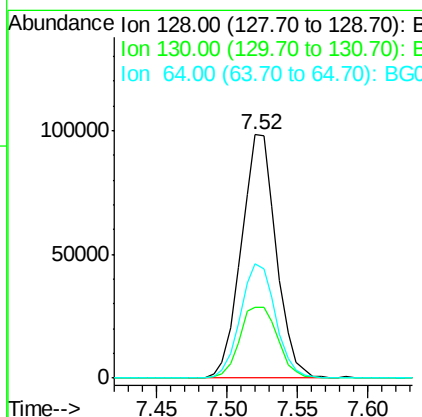
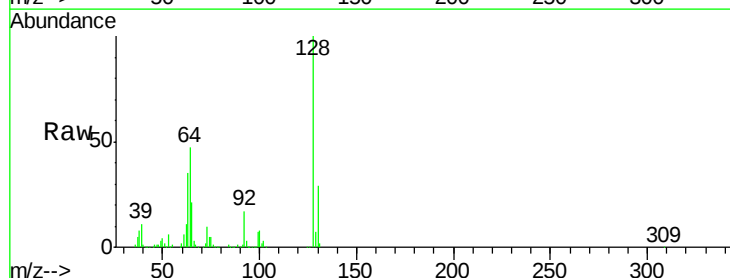
RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Tgt Ion:	128	Resp:	170223
Ion Ratio	Lower	Upper	
128	100		
130	28.9	12.6	52.6
64	47.1	27.0	67.0





#9

Benzaldehyde

Concen: 34.41 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

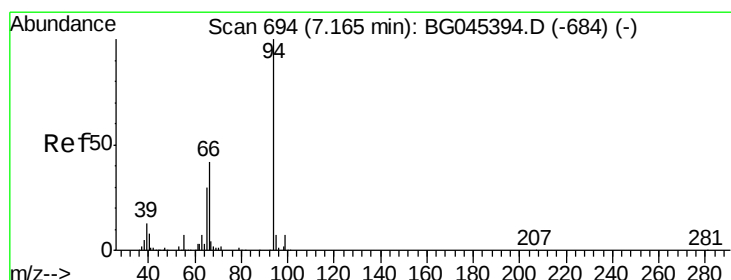
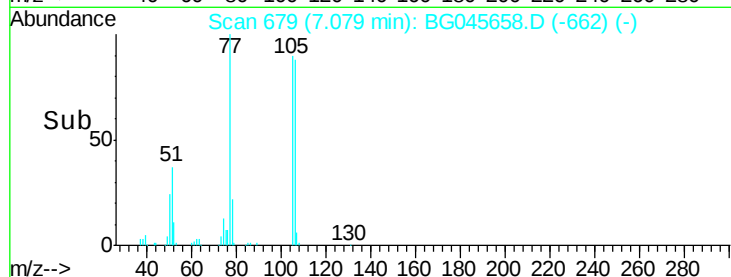
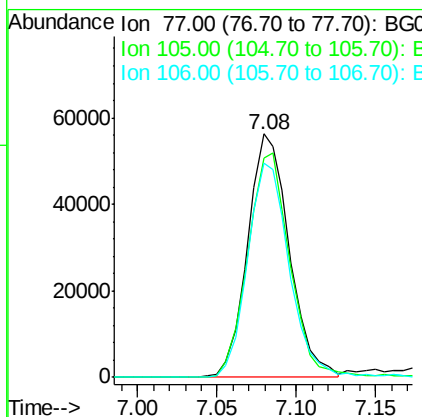
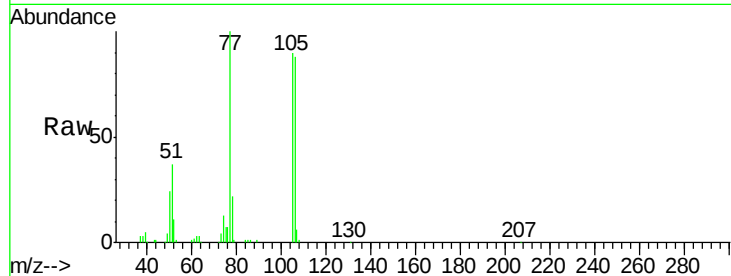
ClientSampleId :

PB129381BS

Tgt Ion:	77	Resp:	102573
Ion Ratio	Lower	Upper	
77	100		
105	90.1	68.5	108.5
106	88.1	71.6	111.6

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#10

Phenol

Concen: 48.68 ng

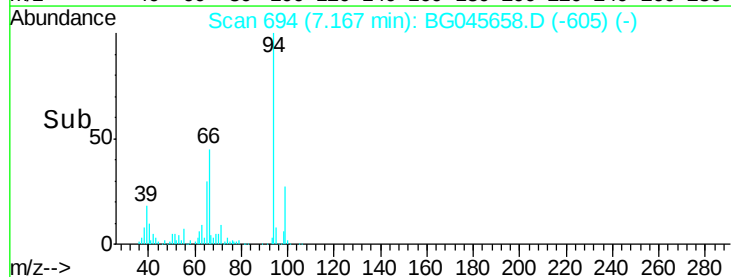
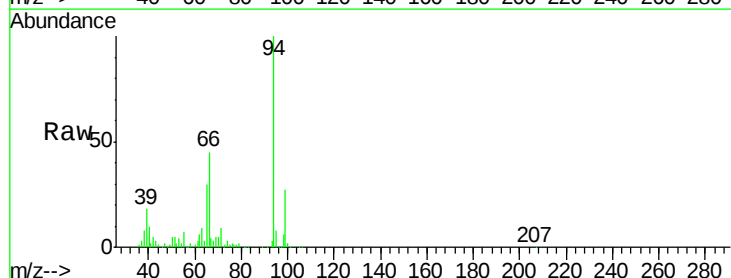
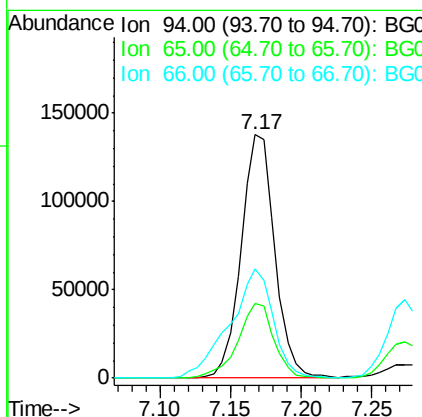
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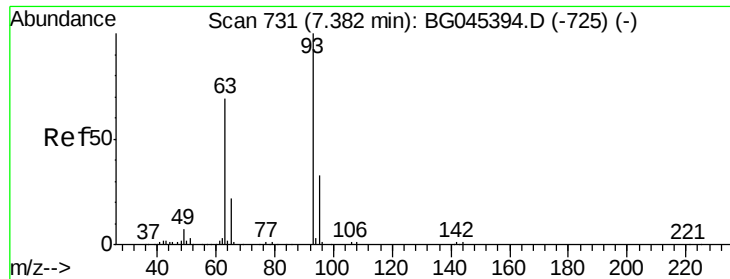
Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Tgt Ion:	94	Resp:	229559
Ion Ratio	Lower	Upper	
94	100		
65	30.4	9.8	49.8
66	44.6	22.0	62.0





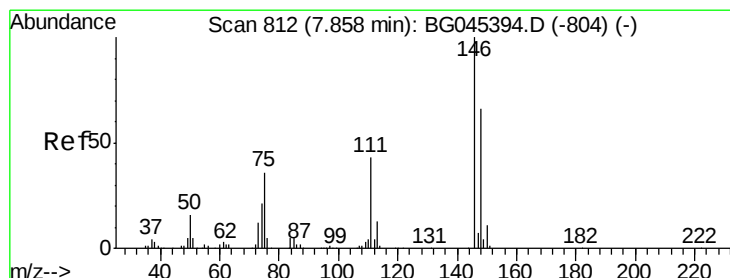
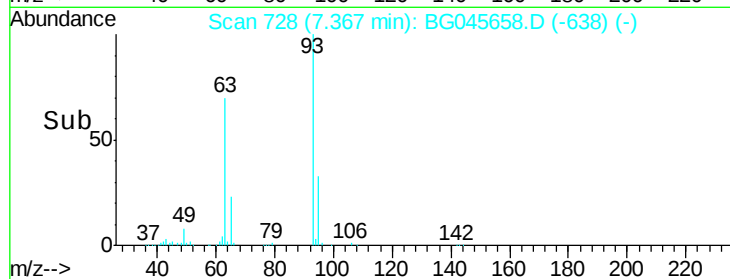
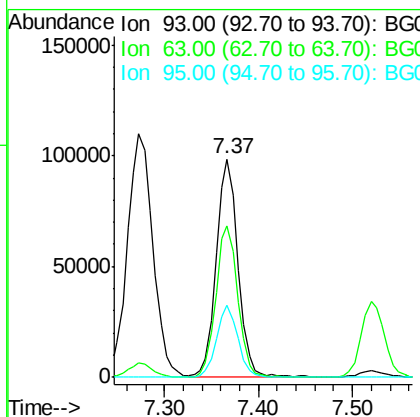
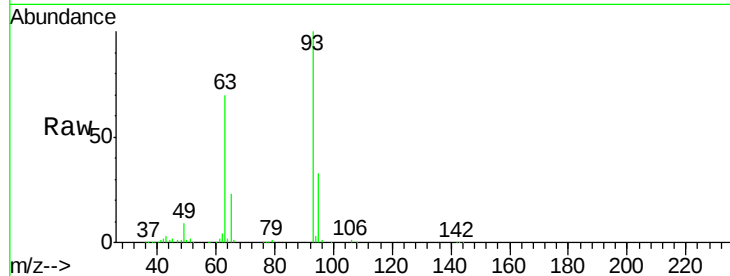
#11
bis(2-Chloroethyl)ether
Concen: 43.22 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.7	48.4	88.4
95	33.2	12.4	52.4

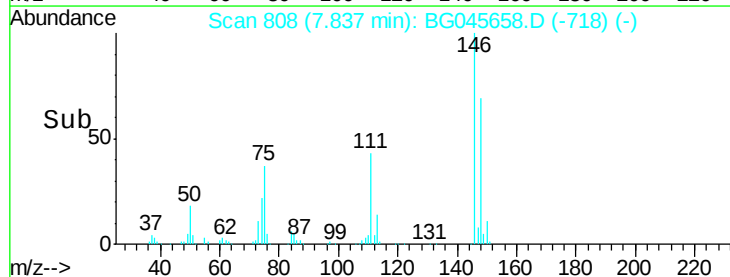
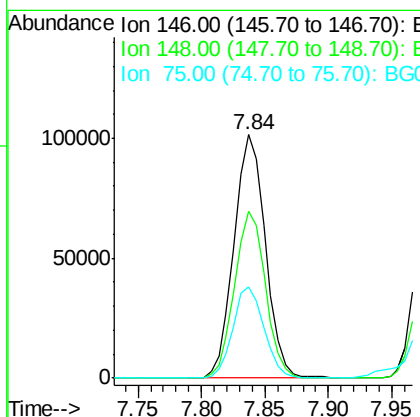
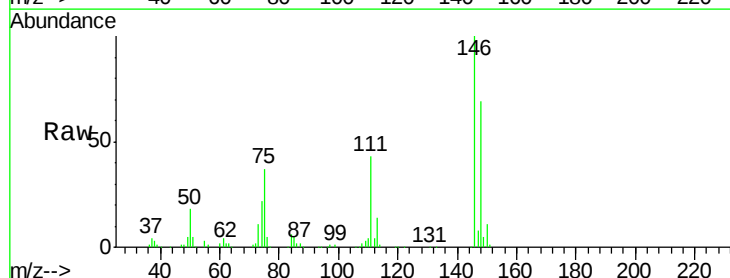
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#12
1,3-Dichlorobenzene
Concen: 41.09 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	53.2	79.8
75	37.3	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 42.55 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

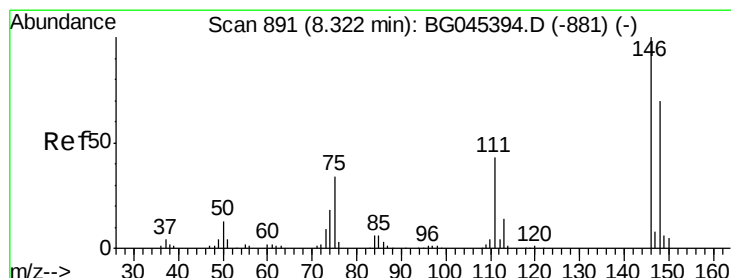
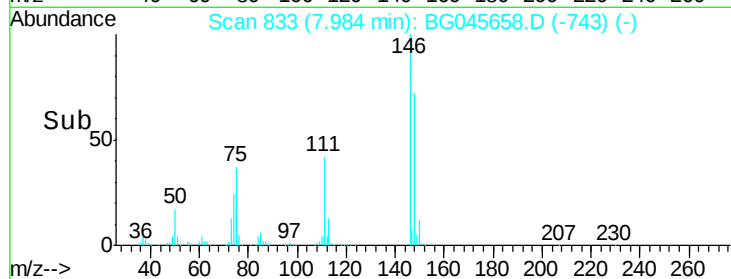
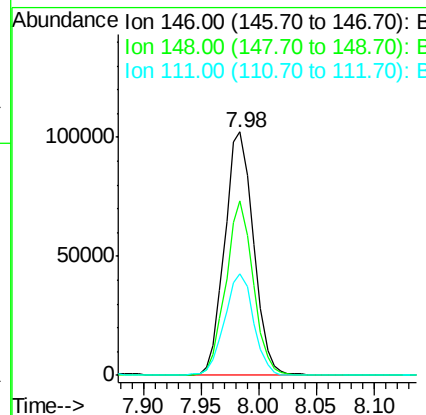
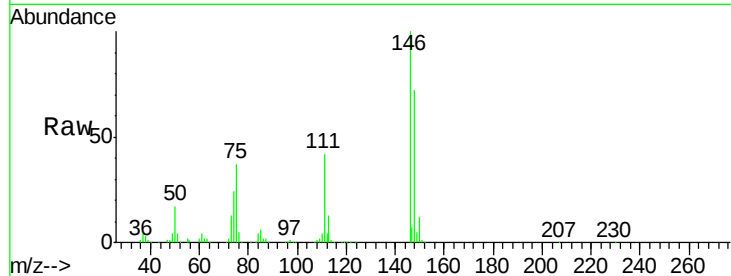
ClientSampleId :

PB129381BS

Tgt Ion:	146	Resp:	177861
Ion Ratio	Lower	Upper	
146	100		
148	71.7	51.8	77.8
111	41.7	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 42.04 ng

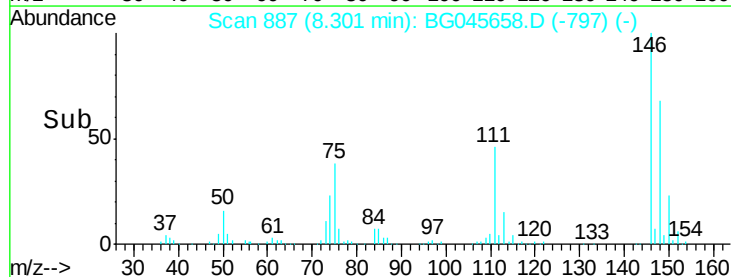
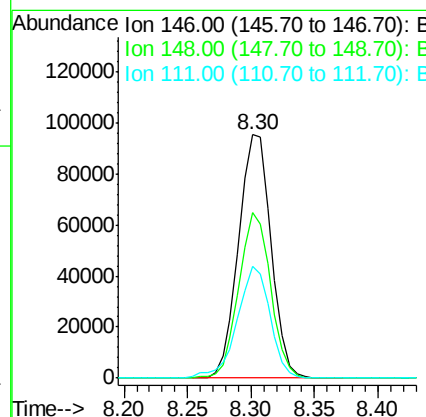
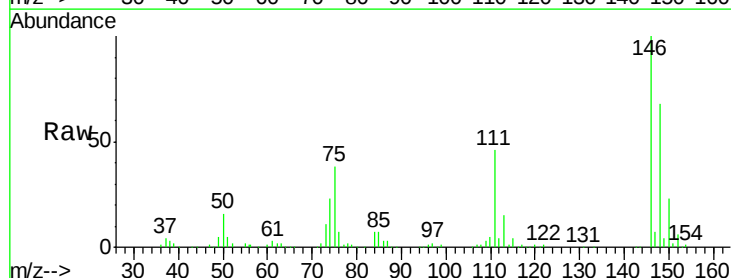
RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Tgt Ion:	146	Resp:	169016
Ion Ratio	Lower	Upper	
146	100		
148	68.0	55.9	83.9
111	46.2	35.0	52.4





#15

Benzyl Alcohol

Concen: 47.71 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

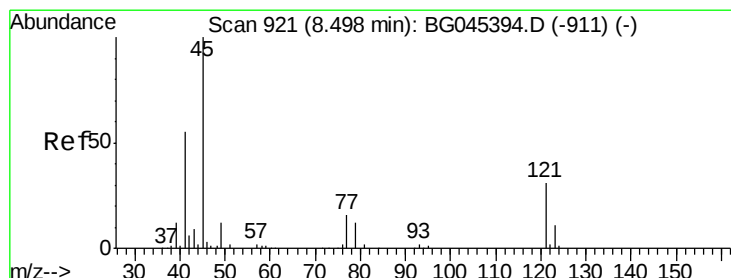
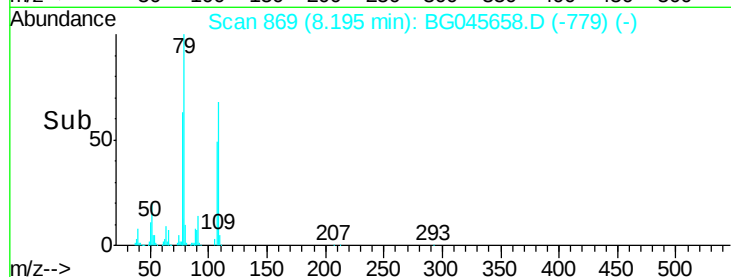
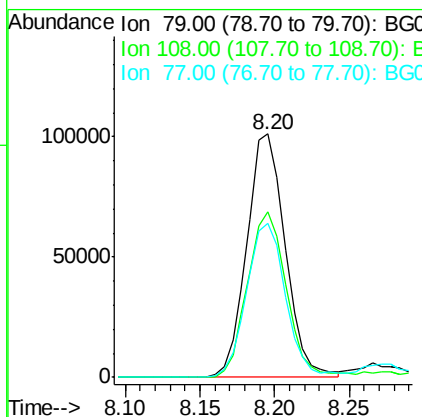
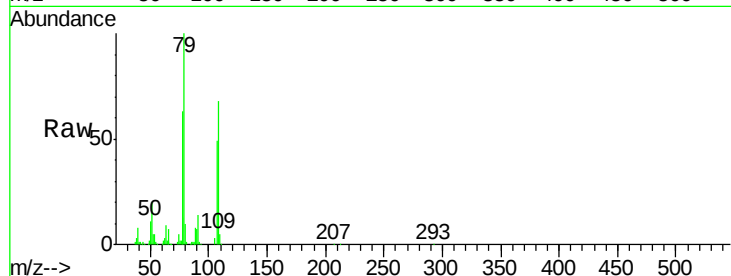
ClientSampleId :

PB129381BS

Tgt Ion:	79	Resp:	180304
Ion	Ratio	Lower	Upper
79	100		
108	68.2	58.2	87.4
77	63.3	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.00 ng

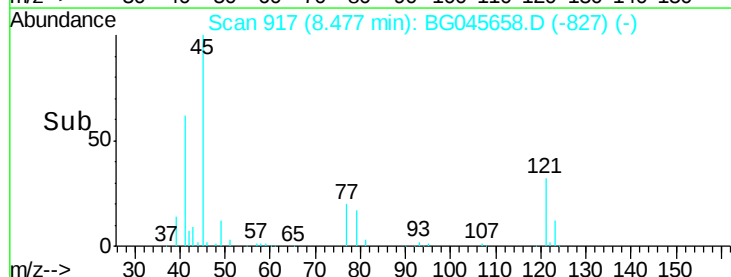
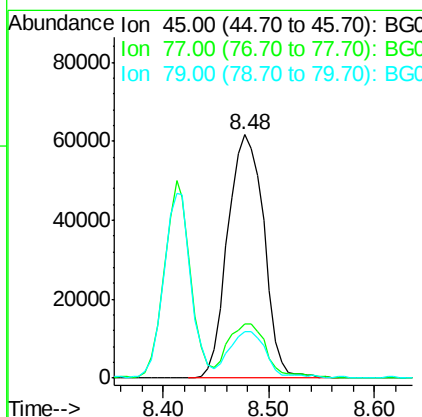
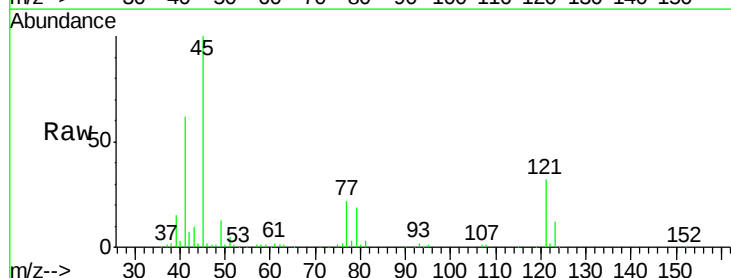
RT: 8.48 min Scan# 917

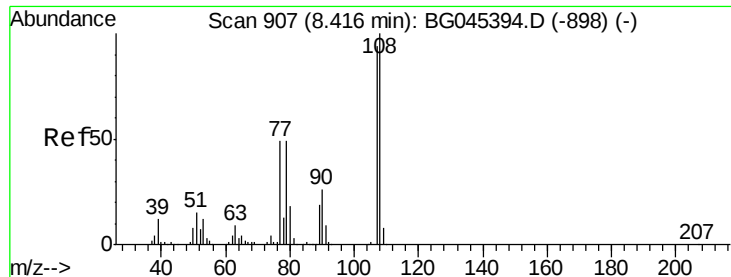
Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Tgt Ion:	45	Resp:	146625
Ion	Ratio	Lower	Upper
45	100		
77	22.2	4.0	44.0
79	19.0	0.0	38.6





#17

2-Methylphenol

Concen: 43.57 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045658.D

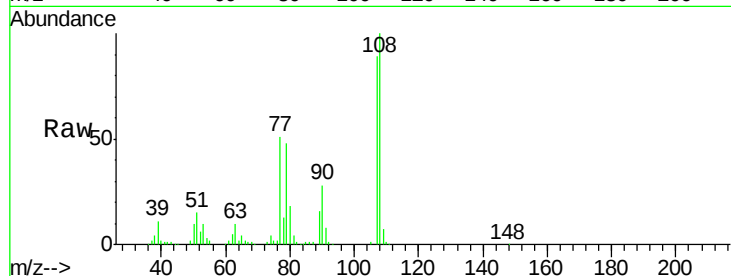
Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

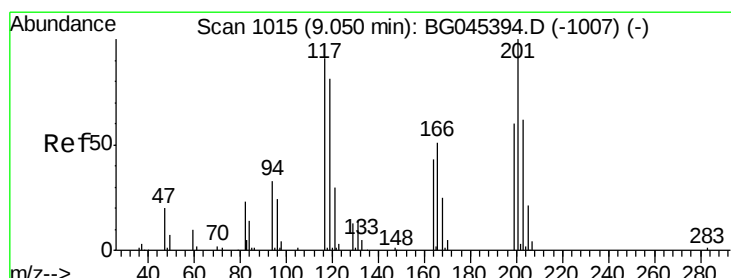
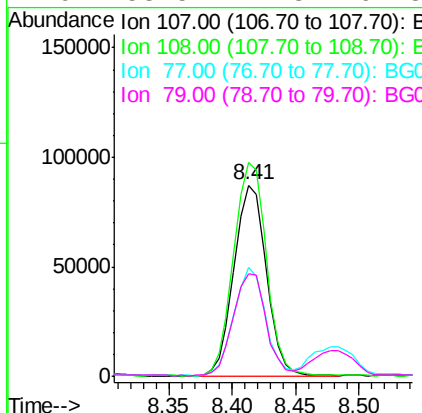
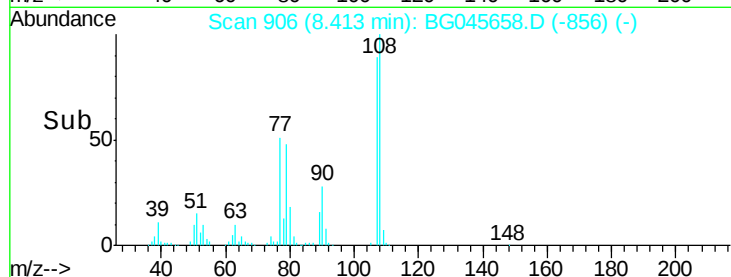
PB129381BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	153779		
108	111.9	85.2	127.8	
77	57.3	41.6	62.4	
79	53.5	41.8	62.8	

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#18

Hexachloroethane

Concen: 42.76 ng

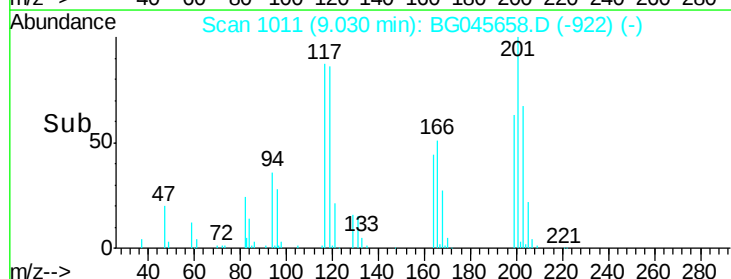
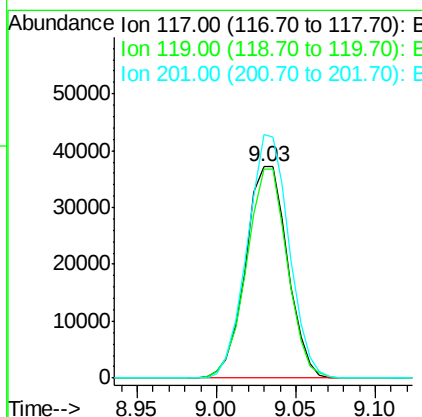
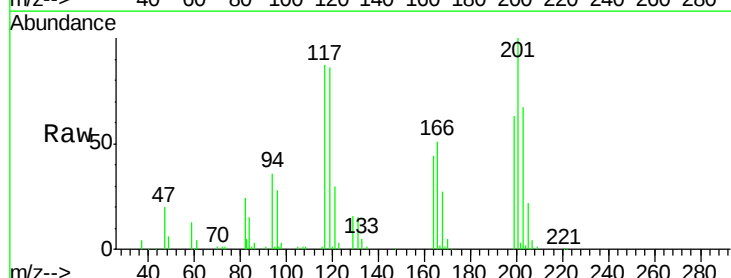
RT: 9.03 min Scan# 1011

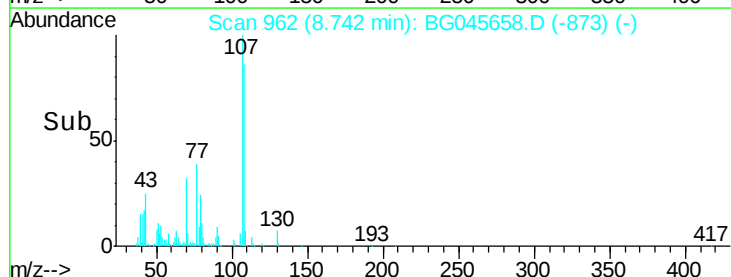
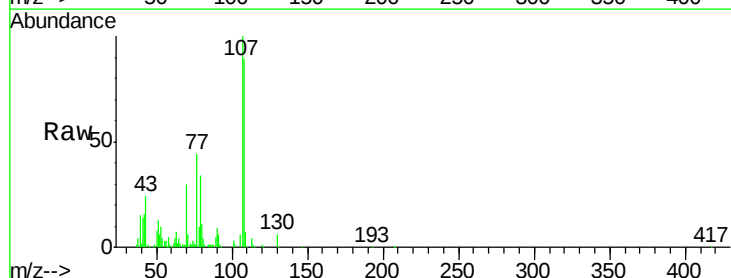
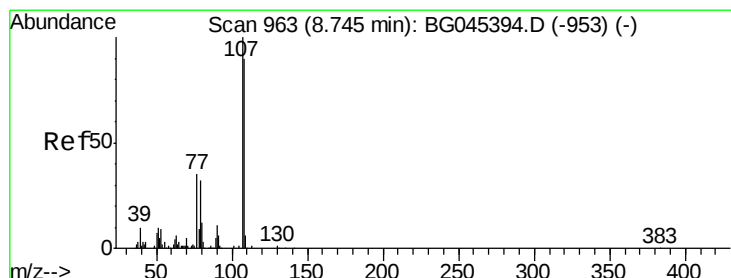
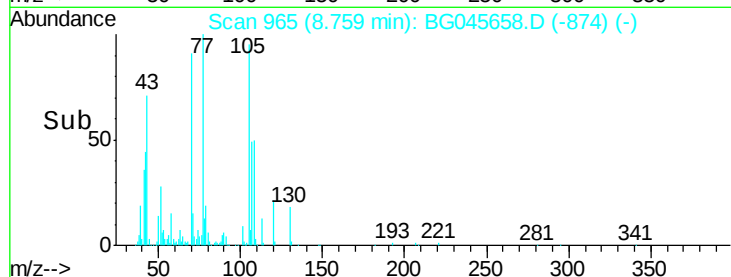
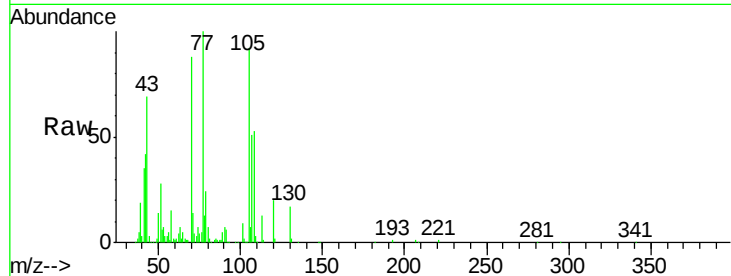
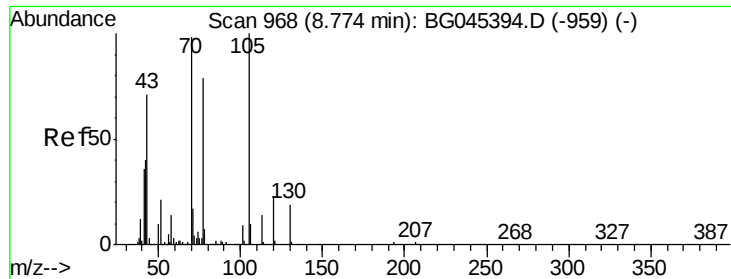
Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

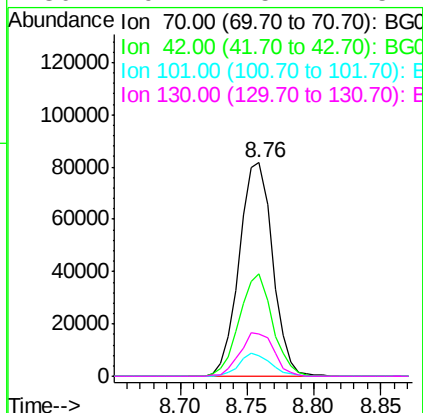
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68457		
119	99.0	71.3	106.9	
201	115.3	87.5	131.3	





#19
n-Nitroso-di-n-propylamine
Concen: 44.70 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.0	33.2	49.8	
101	9.7	7.8	11.6	
130	19.7	15.4	23.2	



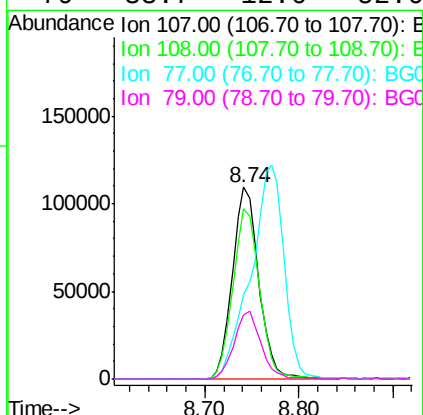
Instrument :
BNA_G
ClientSampleId :
PB129381BS

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#20
3+4-Methylphenols
Concen: 44.46 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	70.3	110.3	
77	44.1	15.4	55.4	
79	33.7	12.6	52.6	





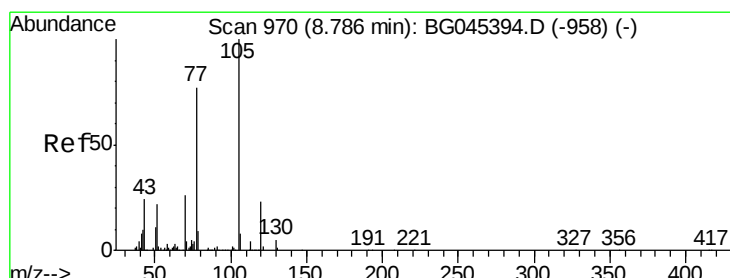
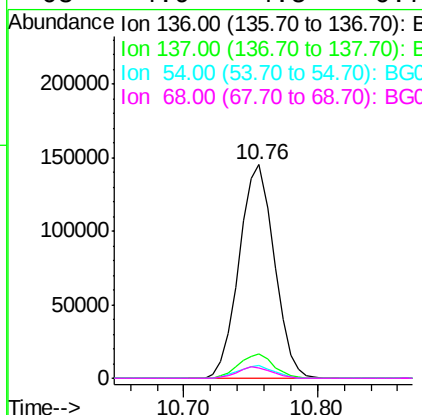
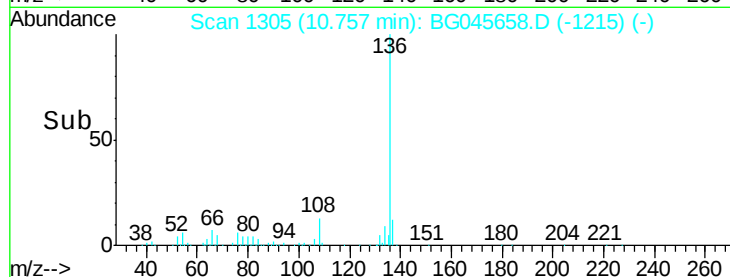
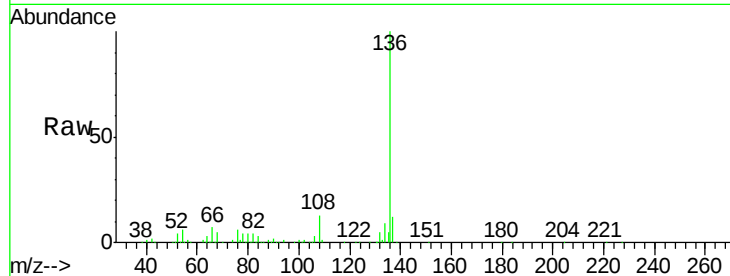
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	264032		
137	11.6	9.4	14.2	
54	6.0	5.8	8.6	
68	4.9	4.5	6.7	

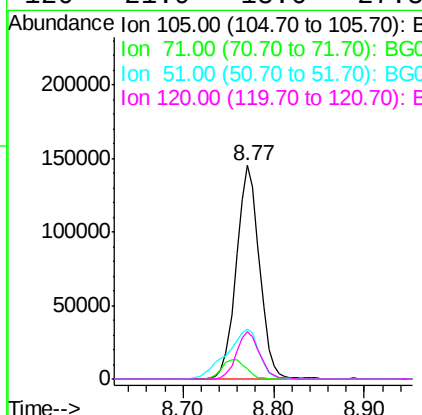
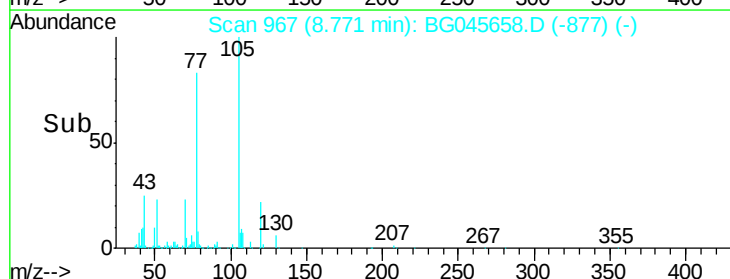
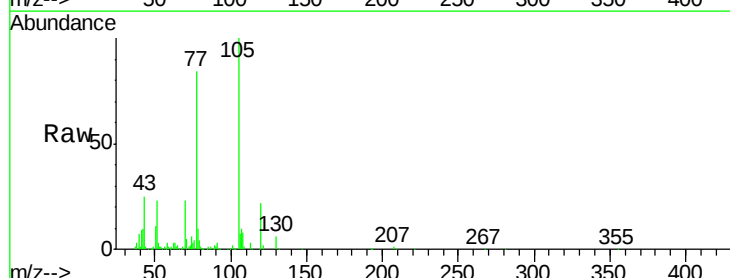
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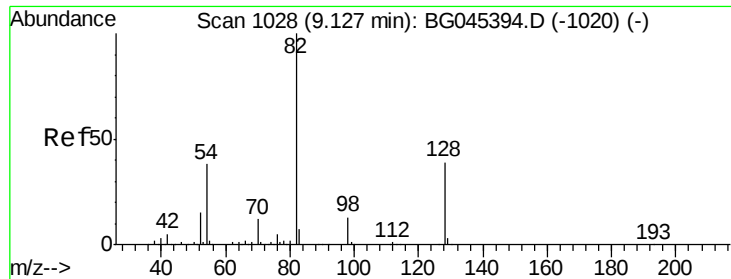
mohammad
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#22
Acetophenone
Concen: 41.36 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	258827		
71	4.9	3.4	5.0	
51	23.4	18.2	27.2	
120	21.9	18.6	27.8	





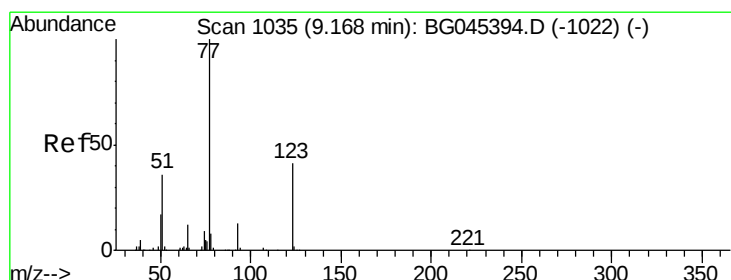
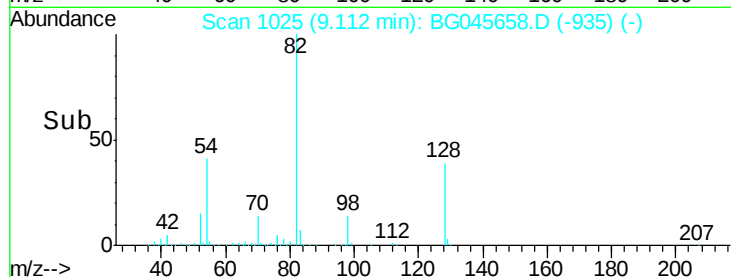
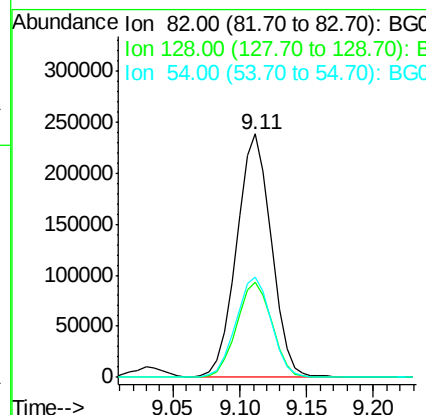
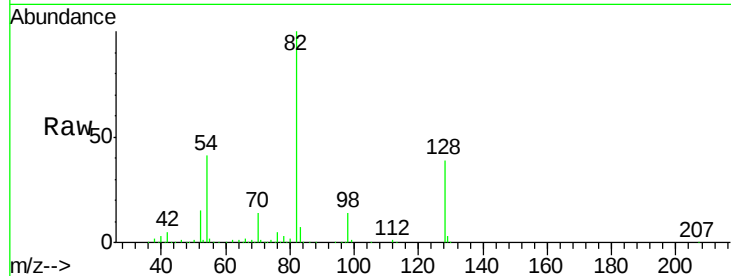
#23
 Nitrobenzene-d5
 Concen: 88.50 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	428486		
128	38.9	30.9	46.3	
54	41.0	30.3	45.5	

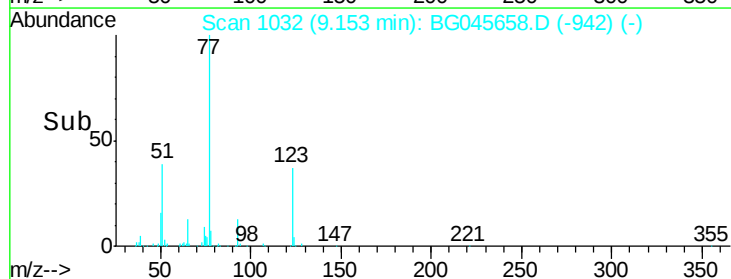
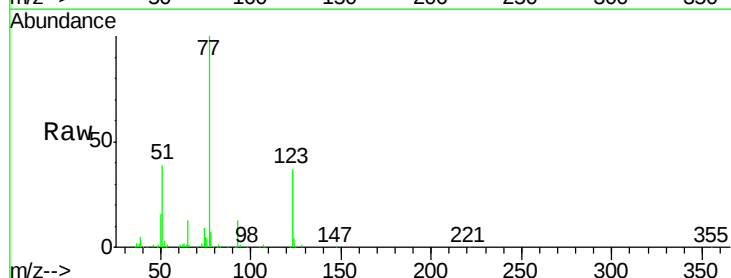
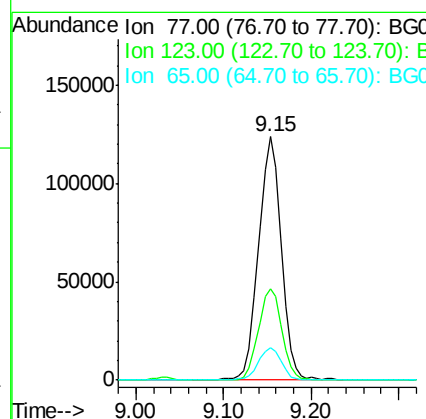
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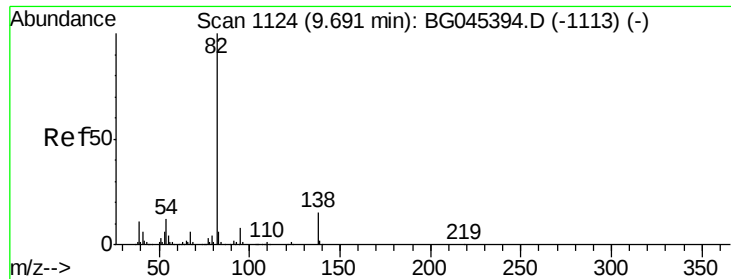
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#24
 Nitrobenzene
 Concen: 42.48 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	220366		
123	37.2	32.9	49.3	
65	13.2	9.4	14.2	





#25

Isophorone

Concen: 41.60 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

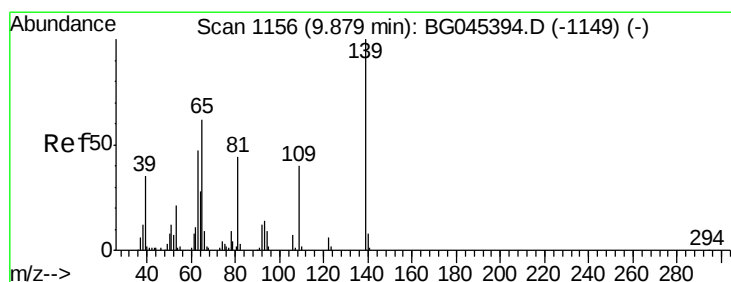
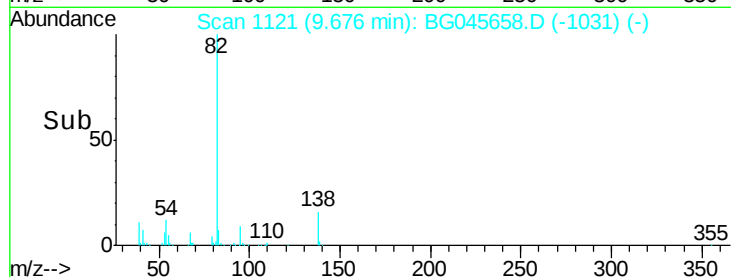
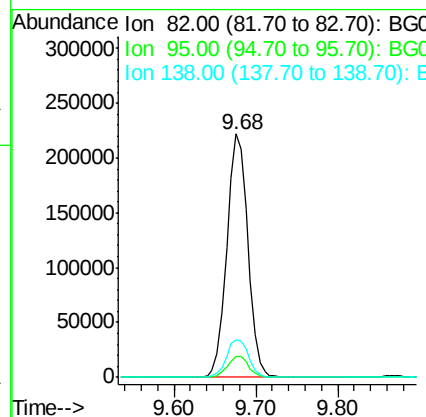
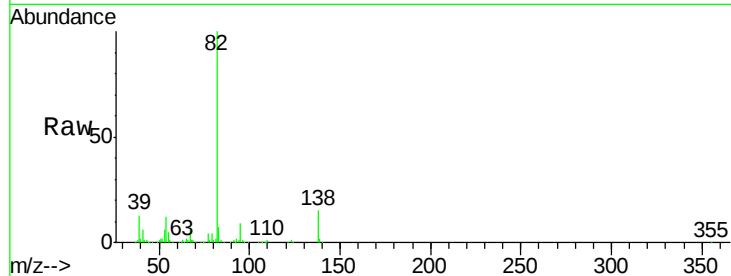
ClientSampleId :

PB129381BS

Tgt Ion:	82	Resp:	396647
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.7	10.1
138	15.4	12.2	18.4

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#26

2-Nitrophenol

Concen: 43.77 ng

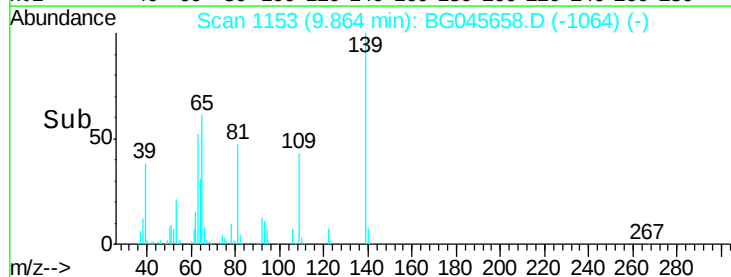
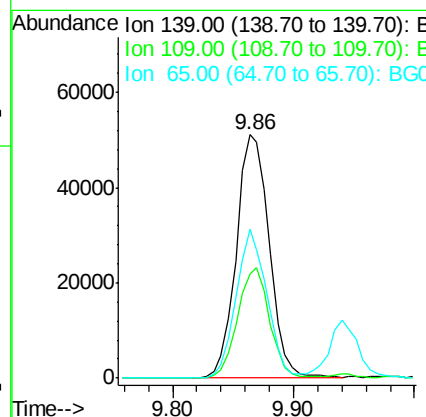
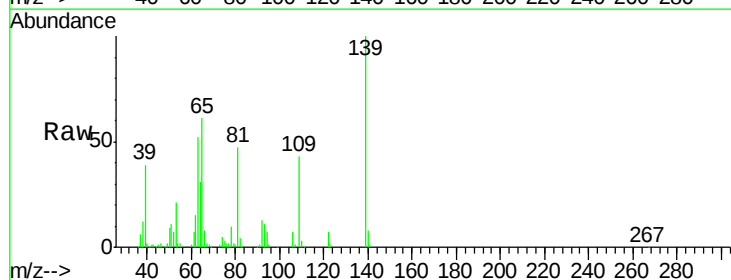
RT: 9.86 min Scan# 1153

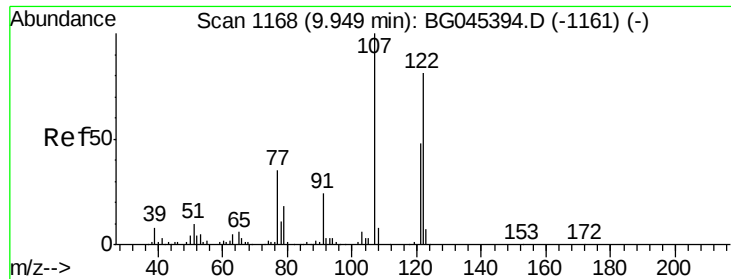
Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Tgt Ion:	139	Resp:	97126
Ion Ratio	Lower	Upper	
139	100		
109	42.8	32.2	48.4
65	61.0	49.6	74.4





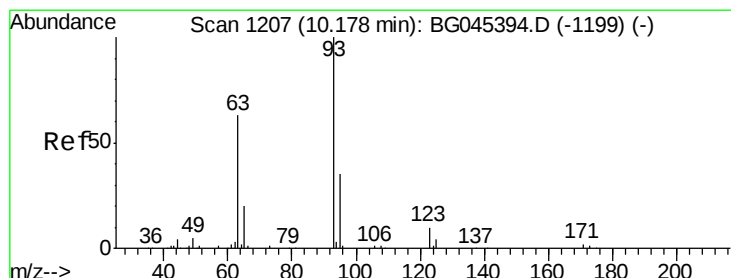
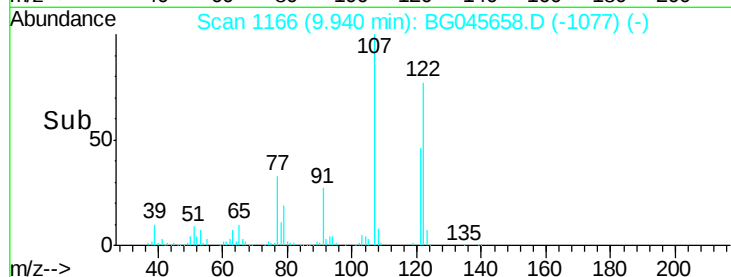
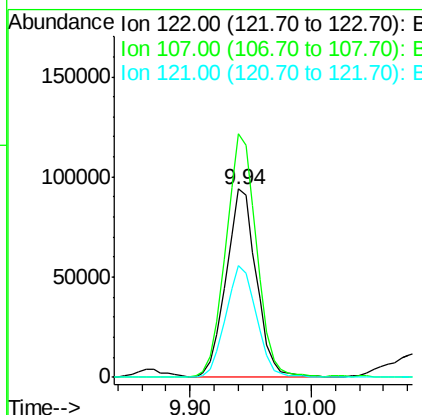
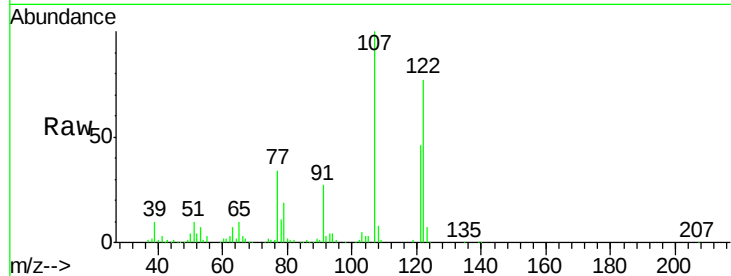
#27
 2,4-Dimethylphenol
 Concen: 49.60 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	163248		
107	129.5	99.0	148.4	
121	59.3	47.7	71.5	

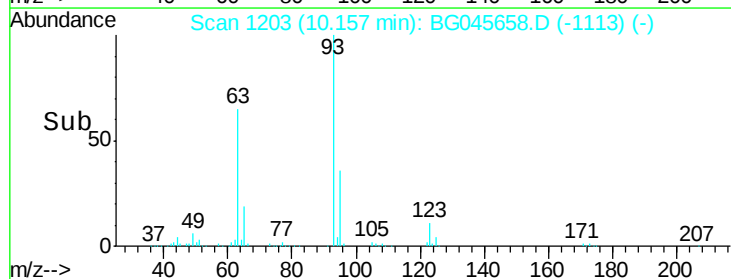
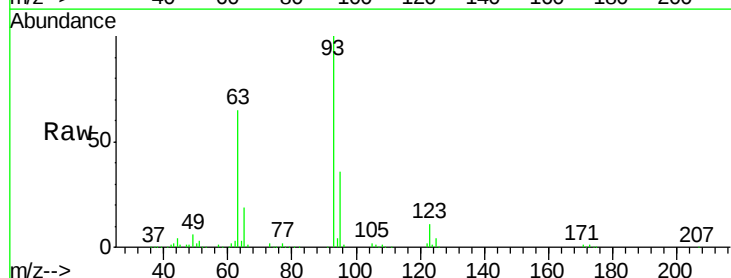
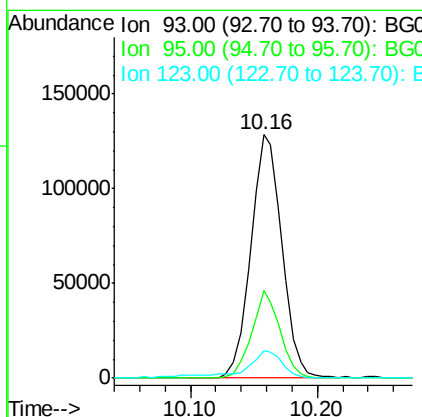
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.80 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	219045		
95	35.7	27.6	41.4	
123	11.2	8.1	12.1	





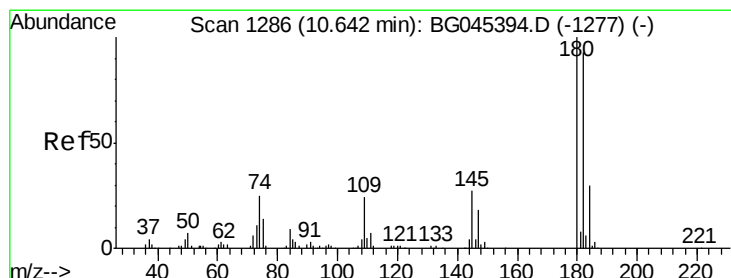
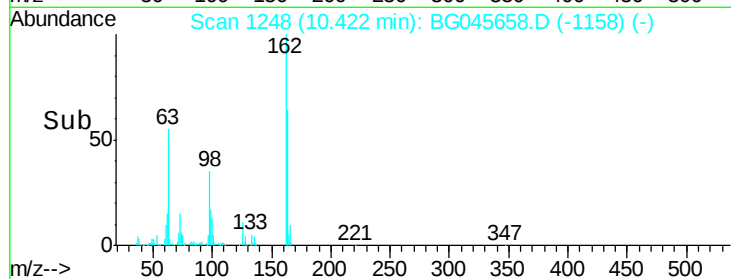
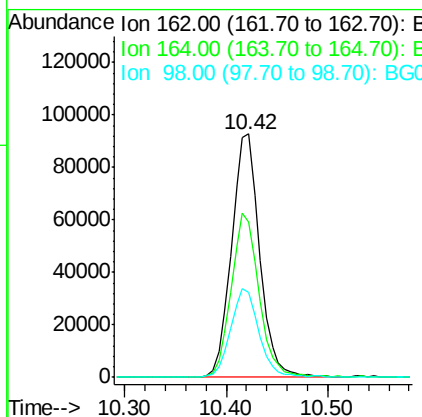
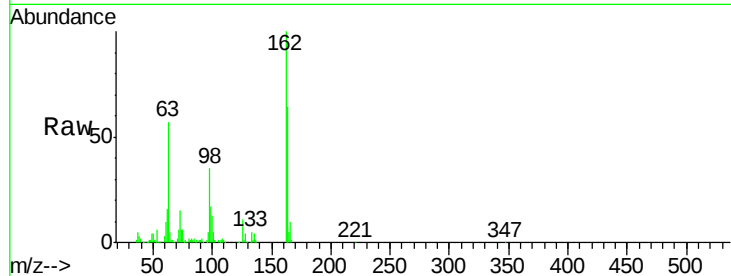
#29
 2,4-Dichlorophenol
 Concen: 45.99 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	178759		
164	63.9	46.8	86.8	
98	35.0	15.2	55.2	

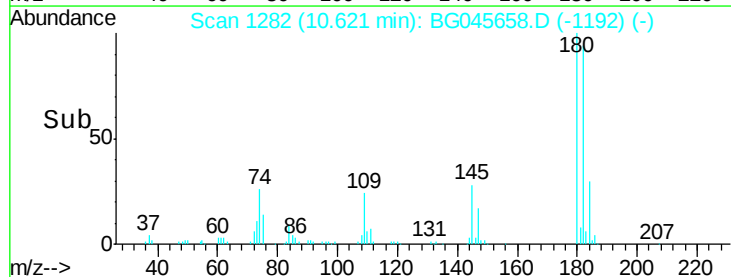
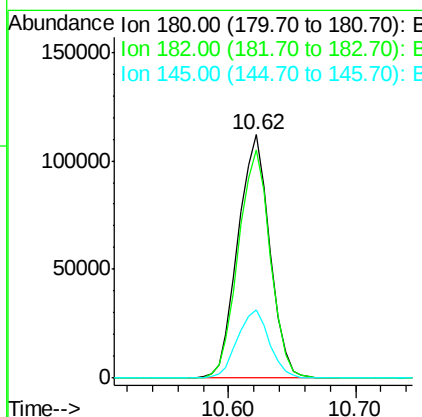
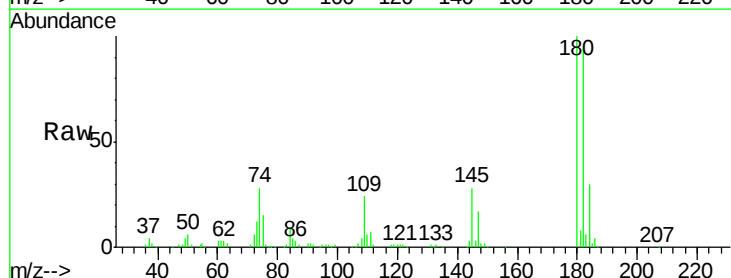
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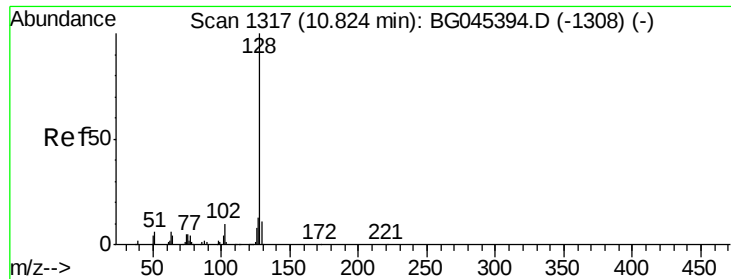
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.45 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194936		
182	93.7	74.8	112.2	
145	27.8	21.9	32.9	





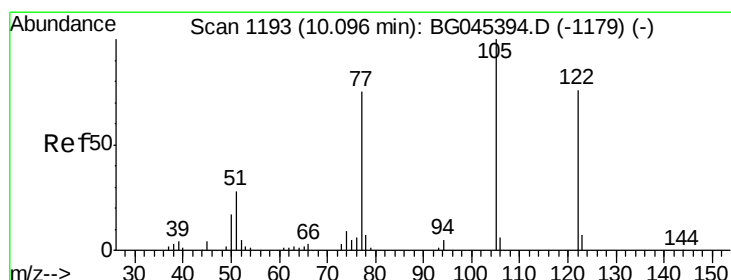
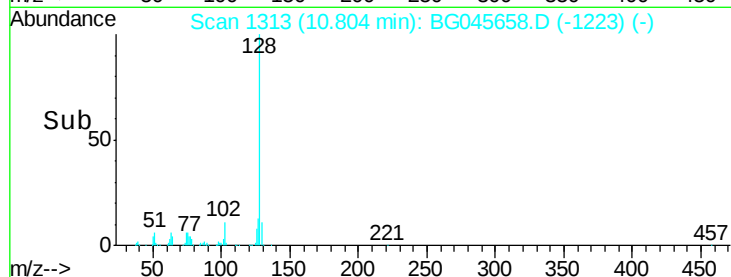
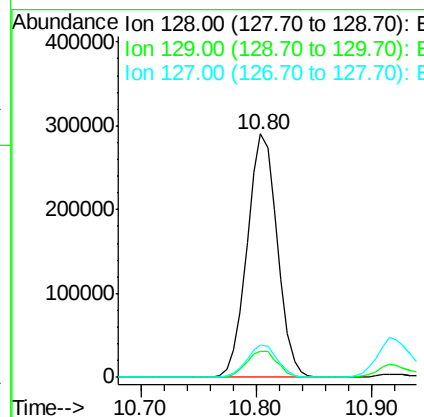
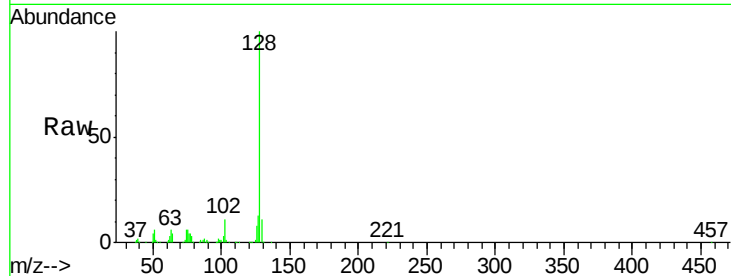
#31
Naphthalene
Concen: 42.77 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	9.0	13.6
127	13.4	10.7	16.1

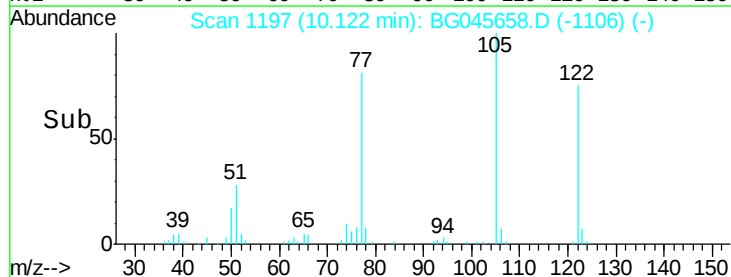
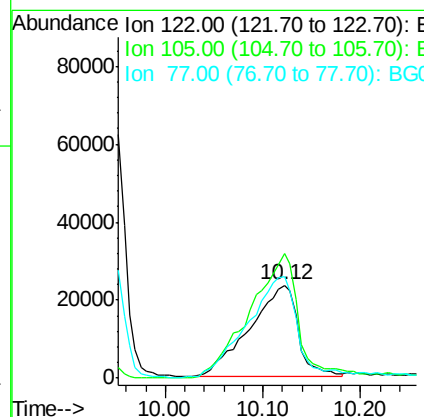
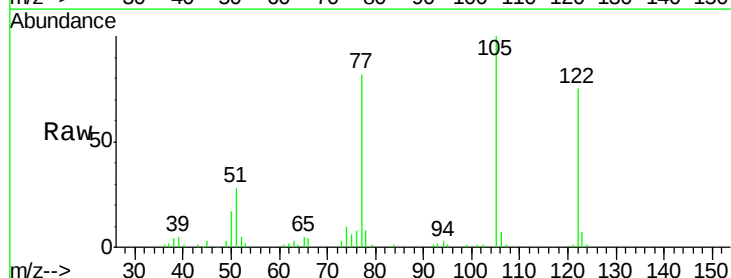
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#32
Benzoic acid
Concen: 38.73 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	134.1	107.9	147.9
77	109.5	78.9	118.9





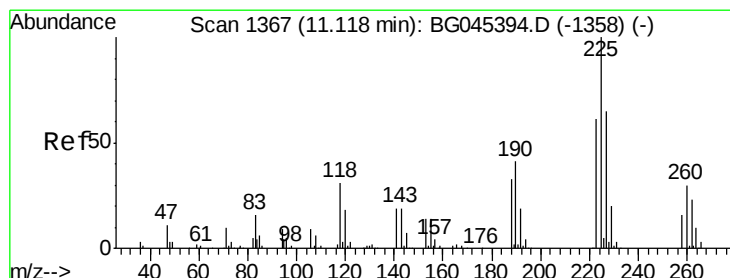
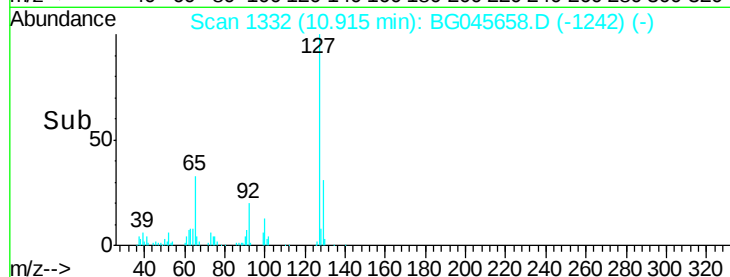
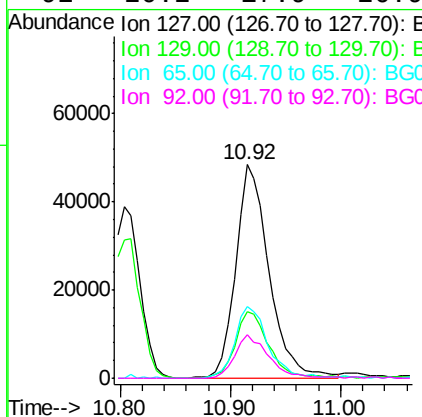
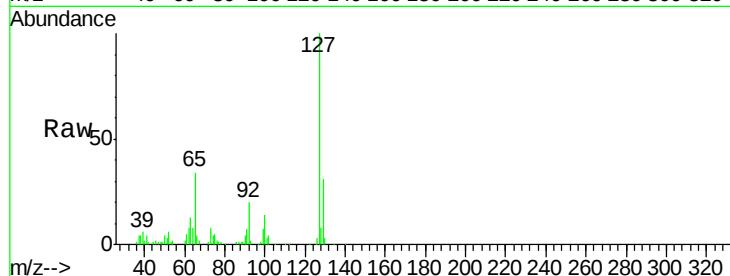
#33
4-Chloroaniline
Concen: 19.99 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.7	37.1
65	33.8	26.2	39.2
92	20.2	17.9	26.9

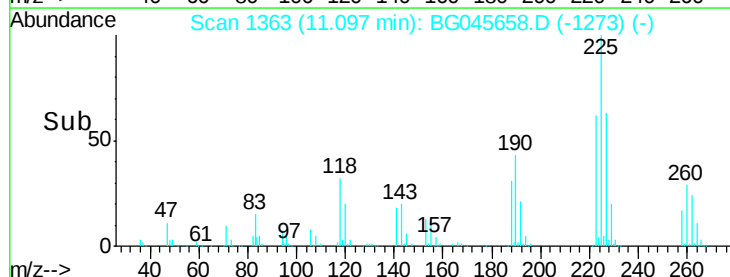
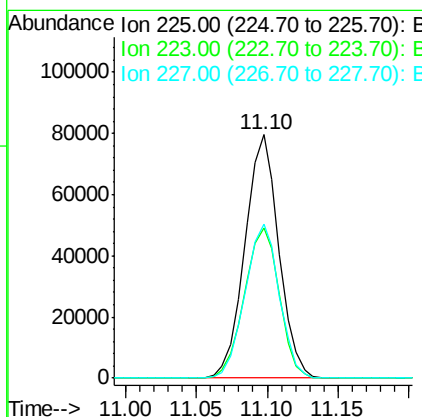
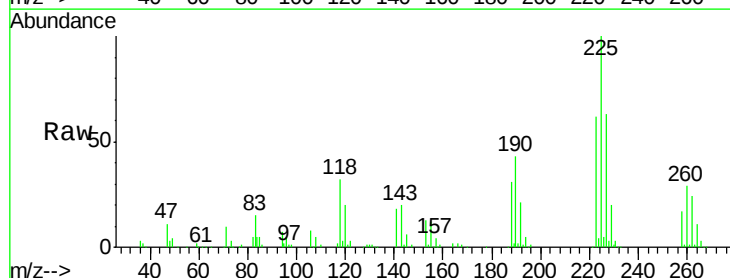
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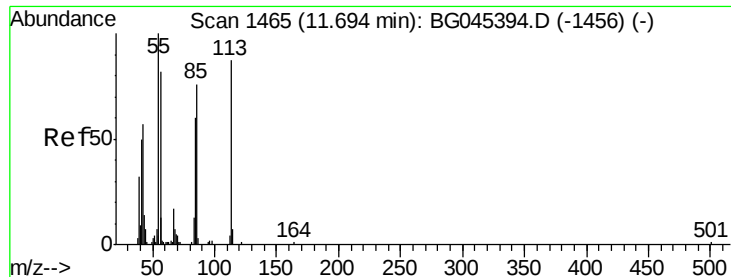
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#34
Hexachlorobutadiene
Concen: 41.06 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.1	73.7
227	63.5	52.0	78.0





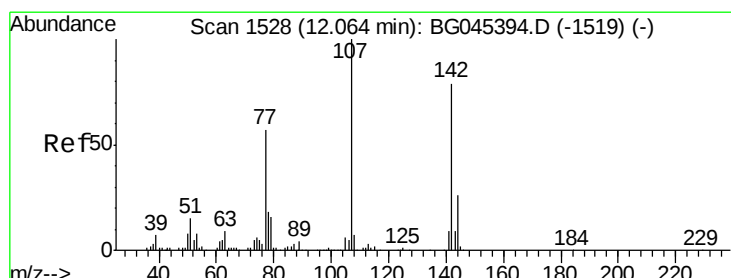
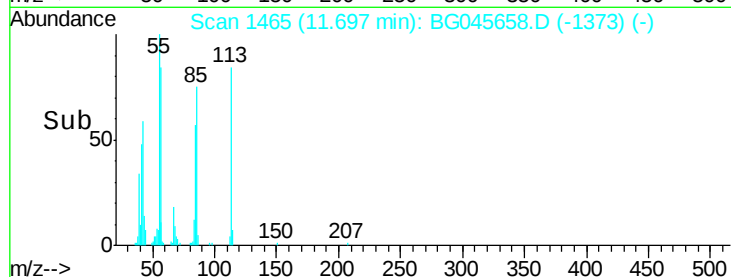
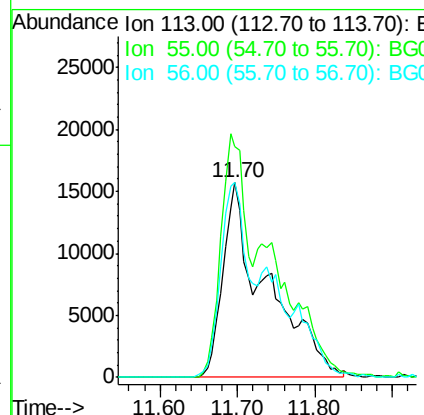
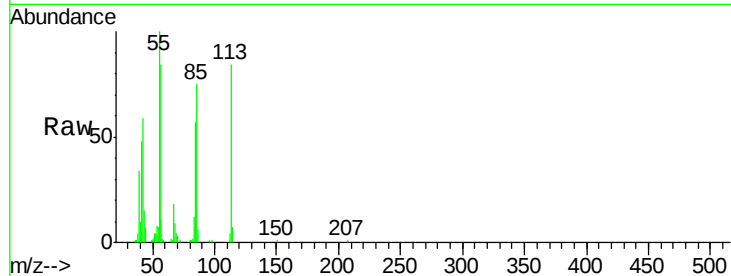
#35
 Caprolactam
 Concen: 43.08 ng m
 RT: 11.70 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	61458		
55	118.7	96.0	136.0	
56	100.3	75.1	115.1	

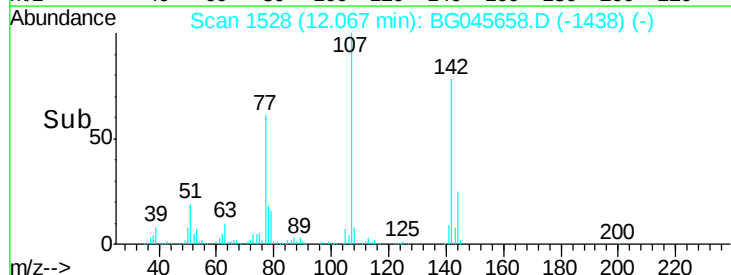
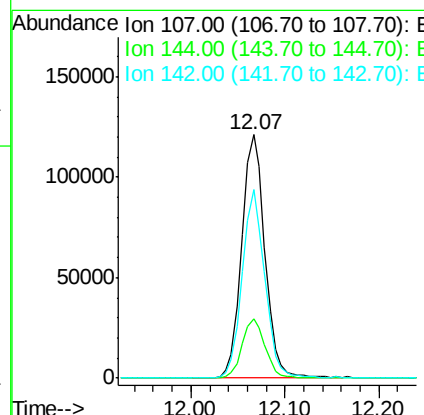
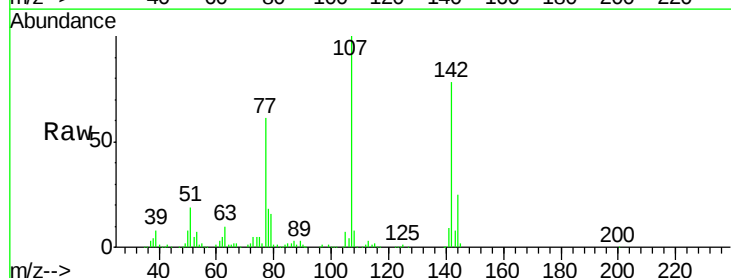
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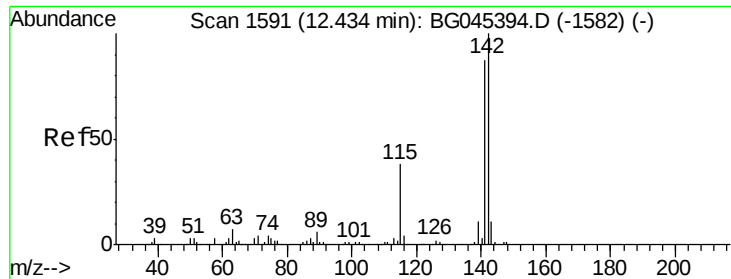
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#36
 4-Chloro-3-methylphenol
 Concen: 47.48 ng
 RT: 12.07 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	207963		
144	24.6	20.8	31.2	
142	77.6	62.8	94.2	





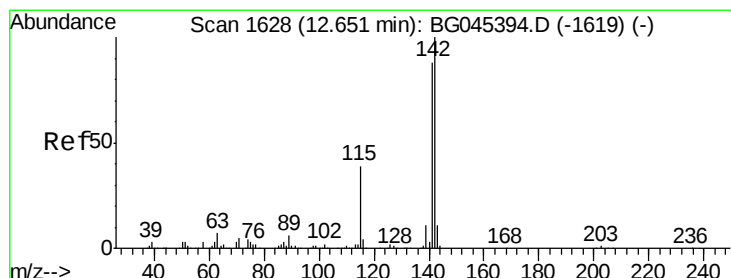
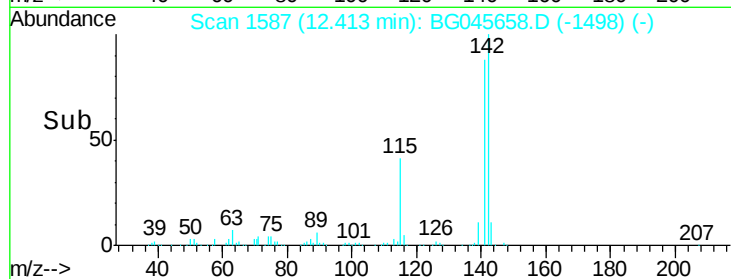
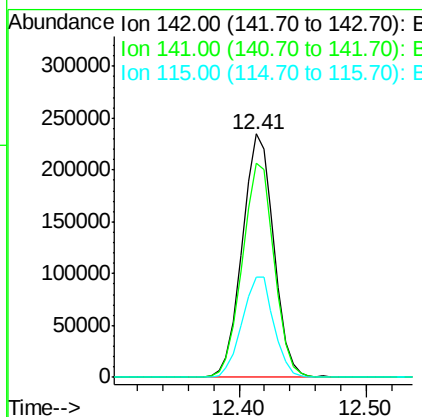
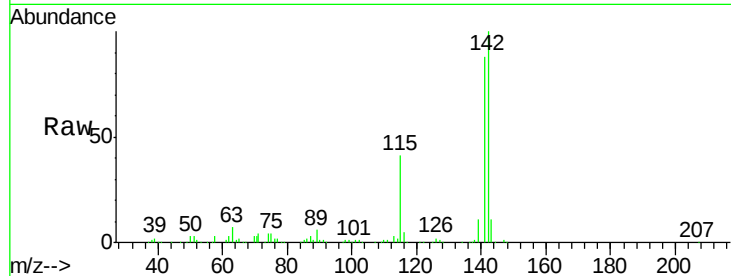
#37
2-Methylnaphthalene
Concen: 44.10 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.0	105.0
115	41.3	30.8	46.2

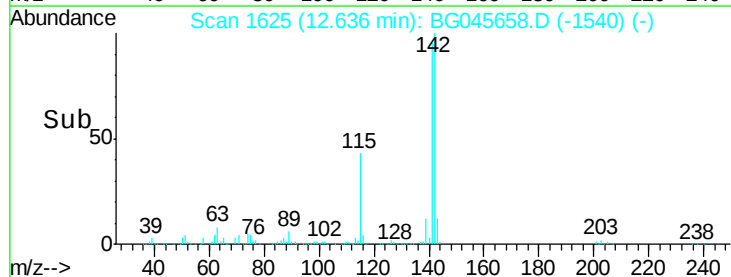
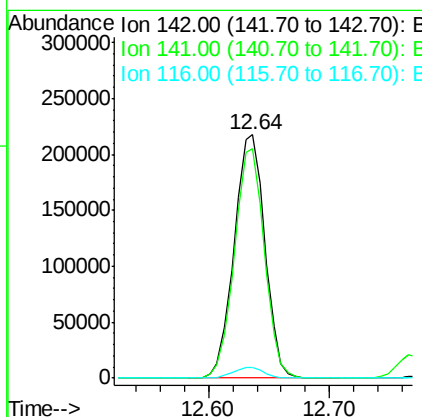
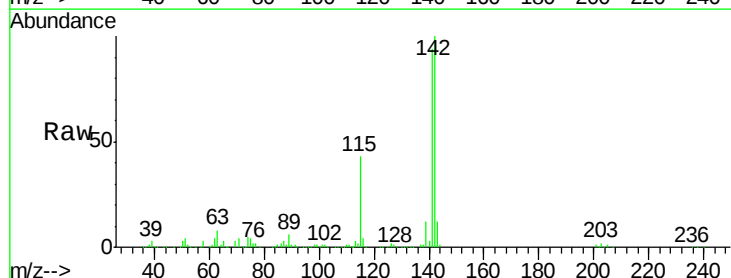
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#38
1-Methylnaphthalene
Concen: 44.43 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	70.8	106.2
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

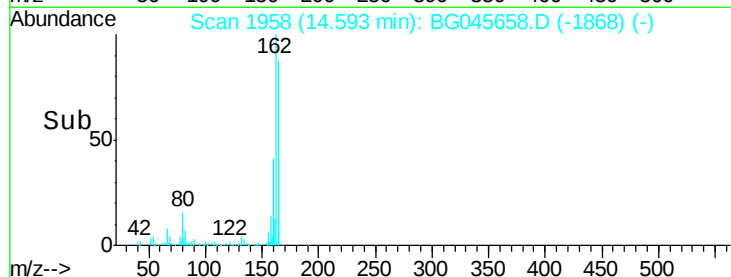
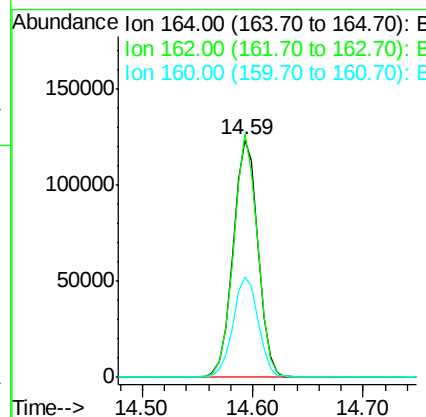
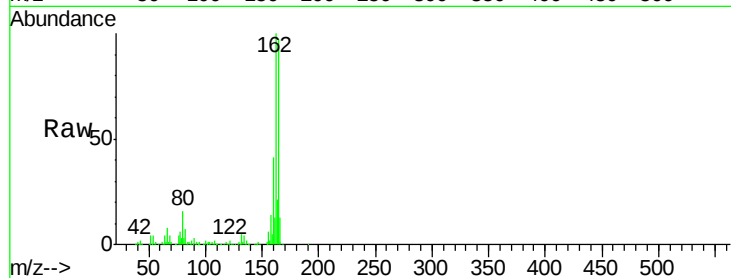
ClientSampleId :

PB129381BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	76.9	115.3
160	42.1	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.68 ng

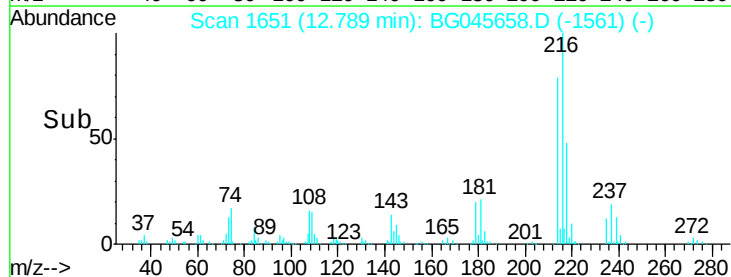
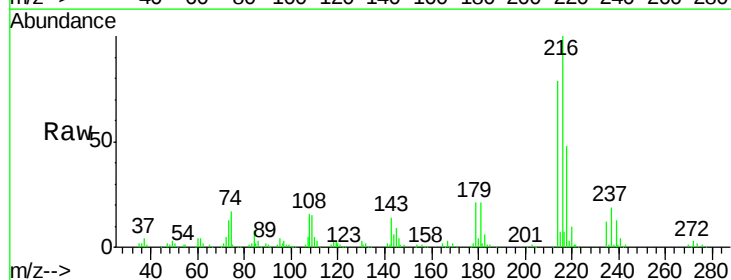
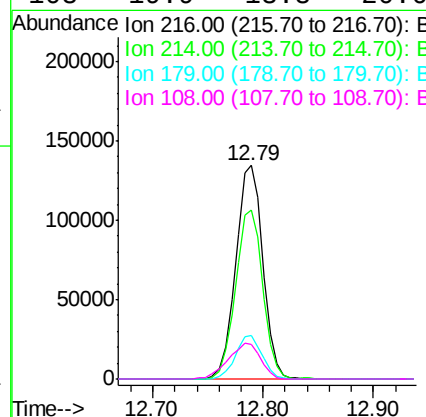
RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.7	95.5
179	20.0	16.1	24.1
108	19.9	13.8	20.6





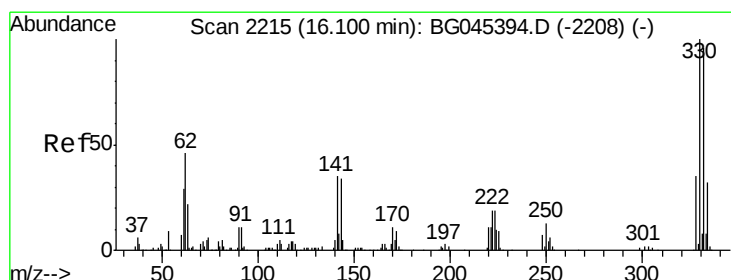
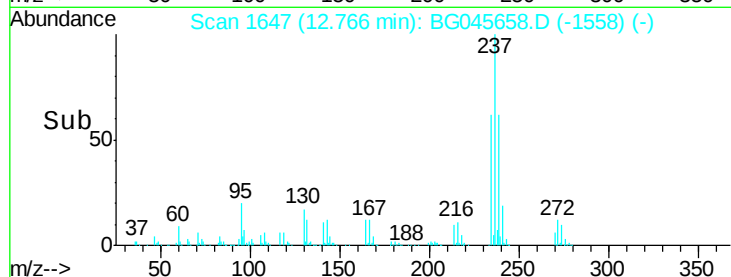
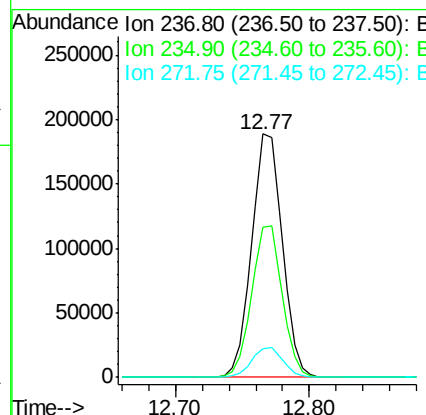
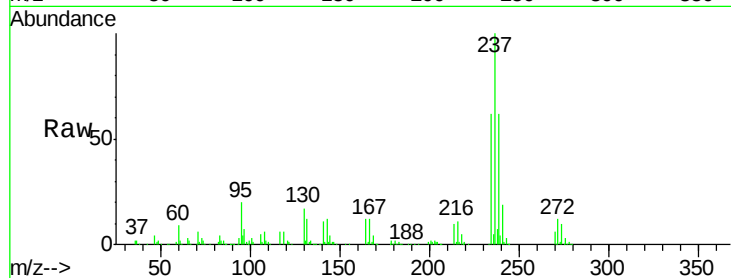
#41
Hexachlorocyclopentadiene
Concen: 94.89 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.7	44.4	84.4
272	11.5	0.0	32.5

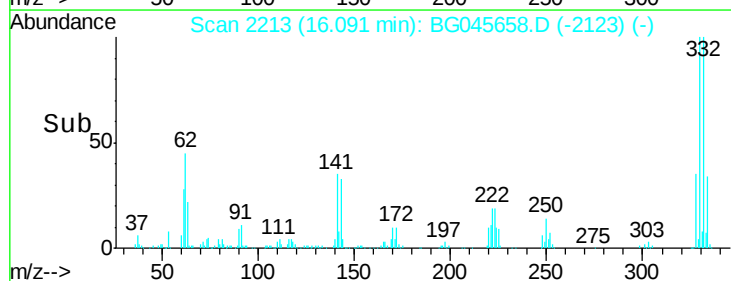
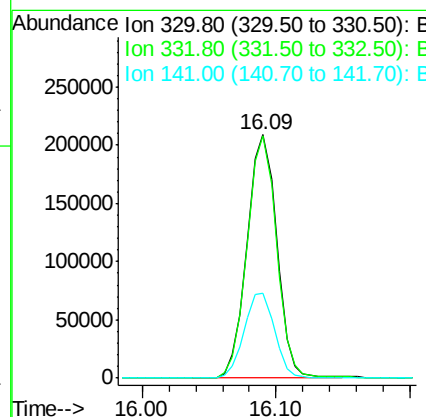
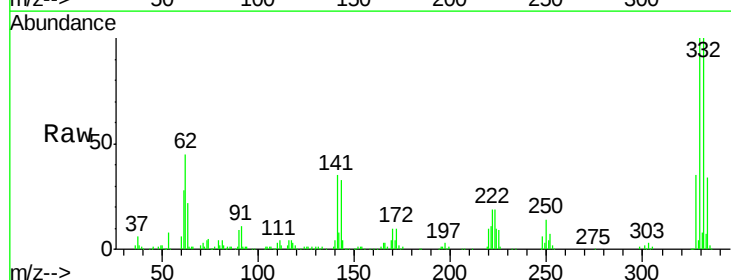
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#42
2,4,6-Tribromophenol
Concen: 129.62 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	99.4	78.2	117.4
141	36.1	28.2	42.4





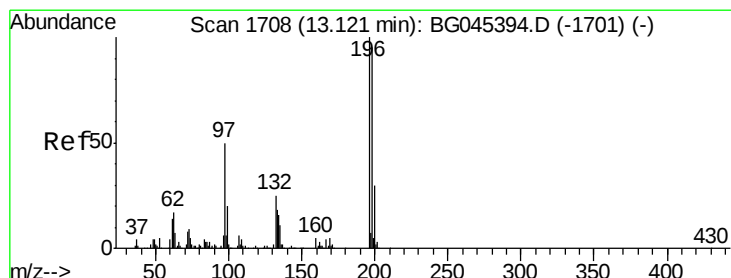
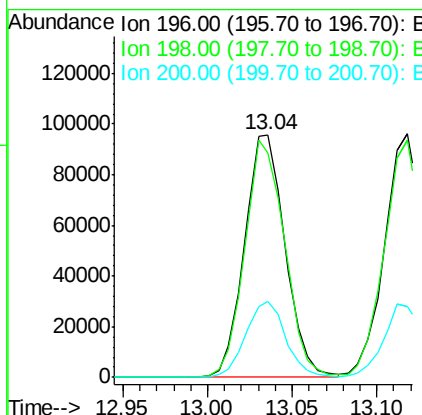
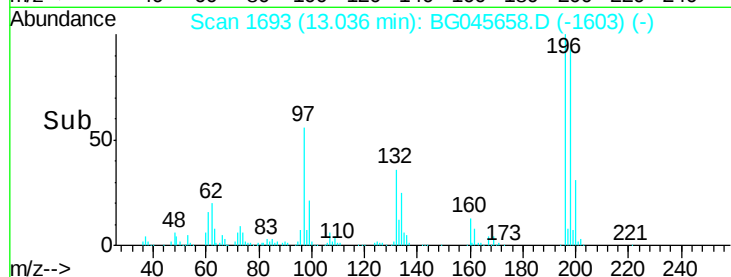
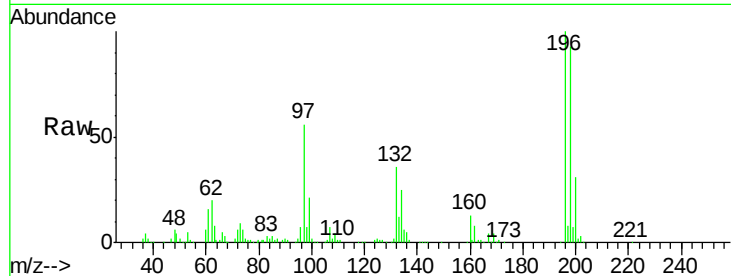
#43
 2,4,6-Trichlorophenol
 Concen: 42.49 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

Tgt Ion:	196	Resp:	160198
Ion Ratio	Lower	Upper	
196	100		
198	92.5	76.7	115.1
200	31.2	24.9	37.3

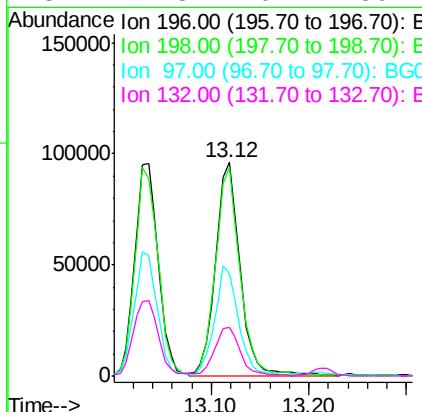
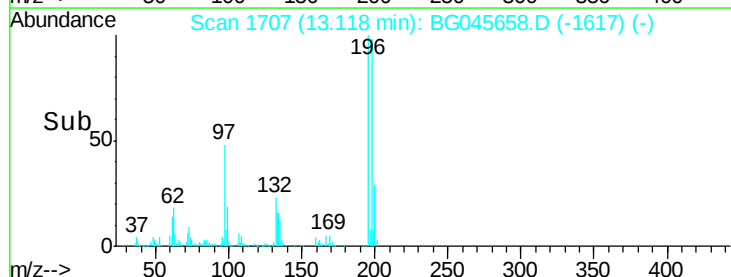
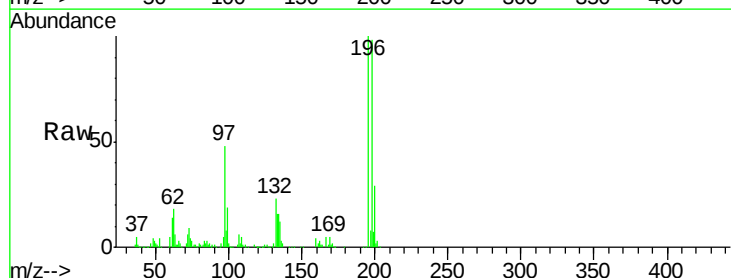
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#44
 2,4,5-Trichlorophenol
 Concen: 38.83 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion:	196	Resp:	167272
Ion Ratio	Lower	Upper	
196	100		
198	97.6	76.1	114.1
97	48.2	40.0	60.0
132	22.8	20.2	30.2





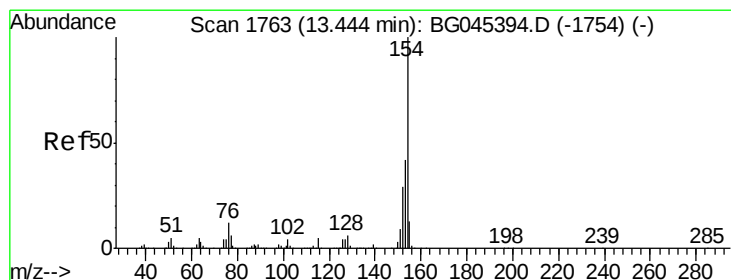
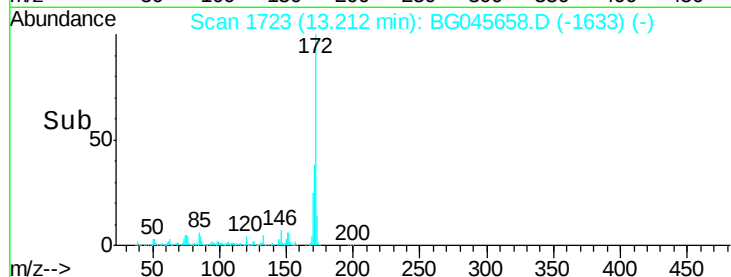
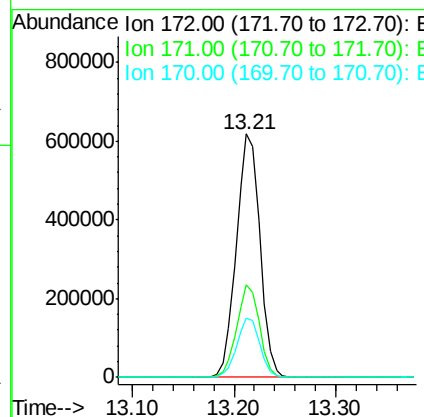
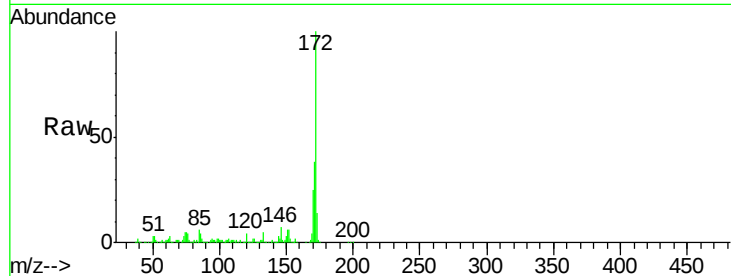
#45
2-Fluorobiphenyl
Concen: 86.85 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	994936		
171	38.0		29.5	44.3
170	24.6		18.5	27.7

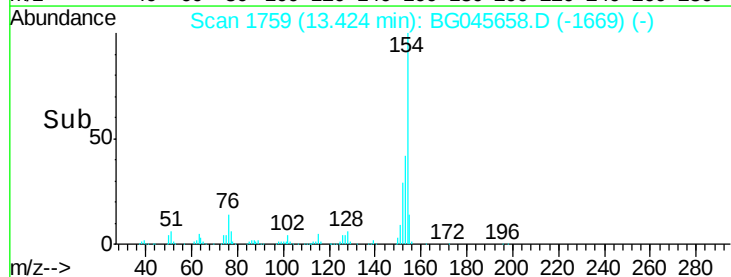
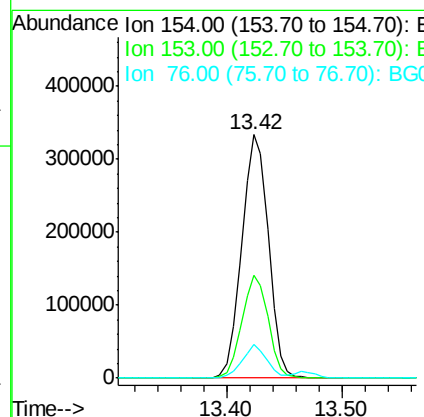
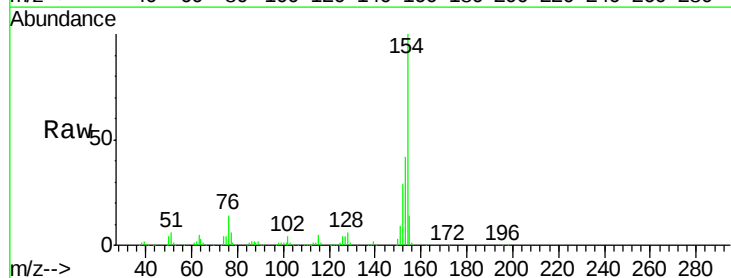
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#46
1,1'-Biphenyl
Concen: 44.52 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	531509		
153	42.0		22.2	62.2
76	13.6		0.0	32.4





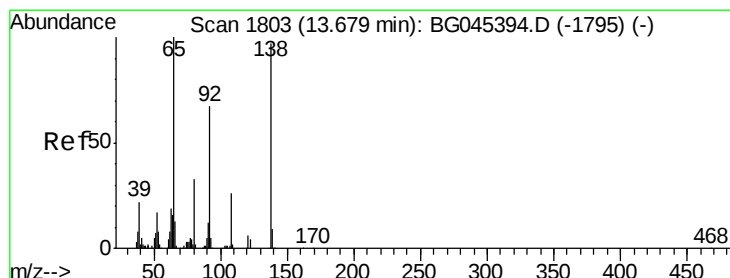
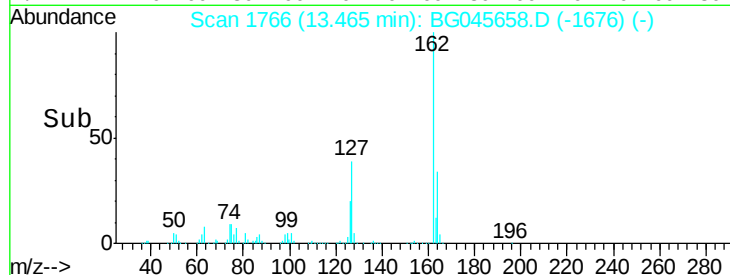
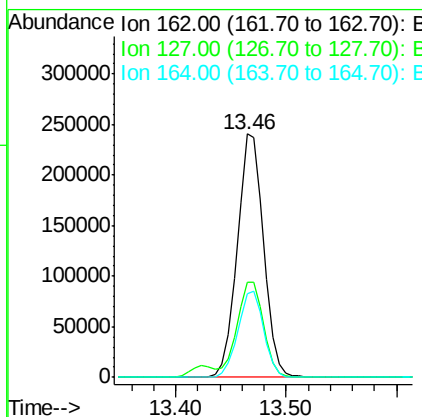
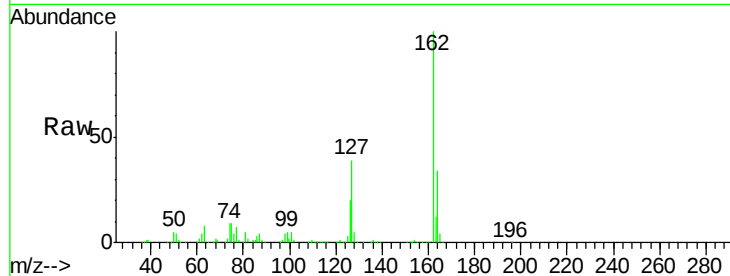
#47
2-Chloronaphthalene
Concen: 41.54 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	402693		
127	39.1	31.6	47.4	
164	34.3	28.1	42.1	

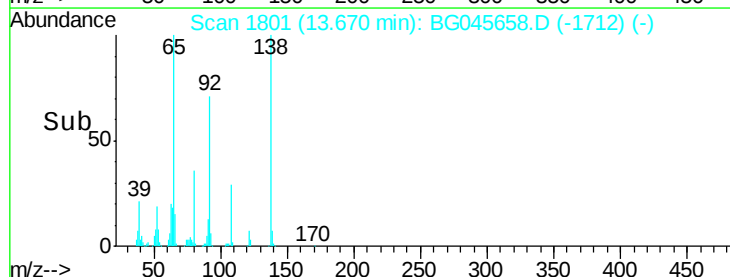
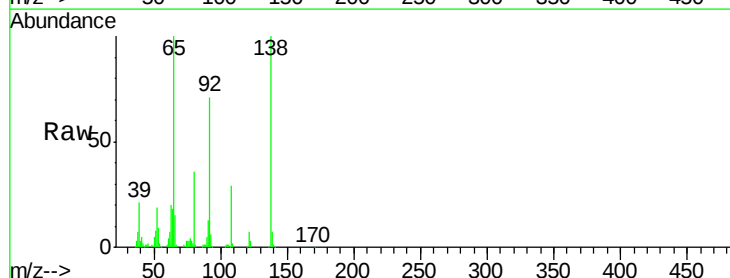
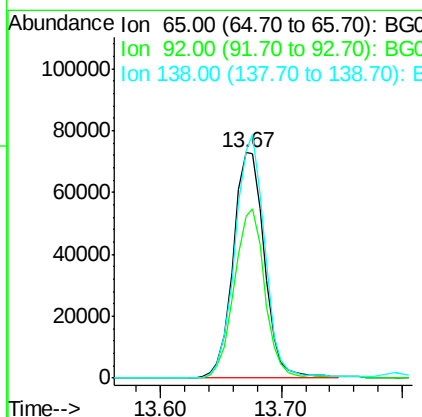
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#48
2-Nitroaniline
Concen: 41.46 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	132219		
92	71.4	53.8	80.8	
138	100.3	77.9	116.9	





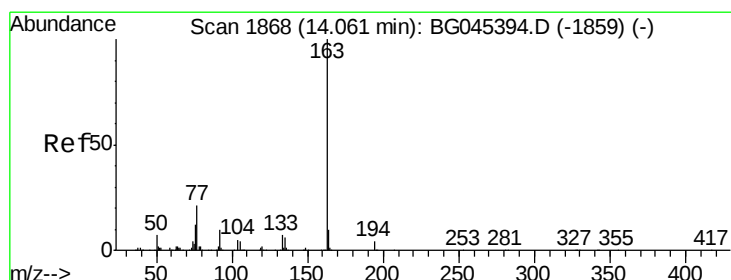
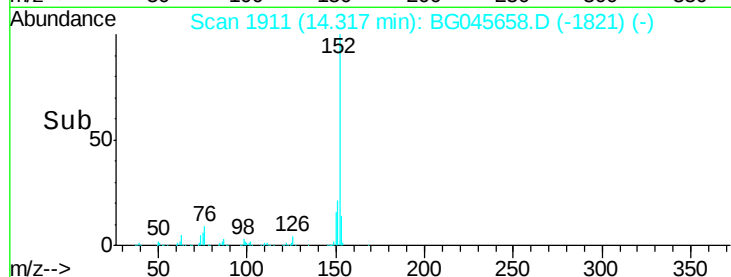
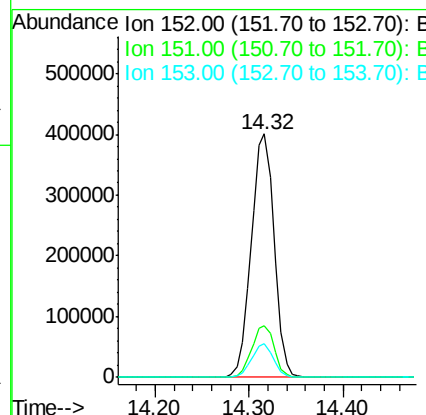
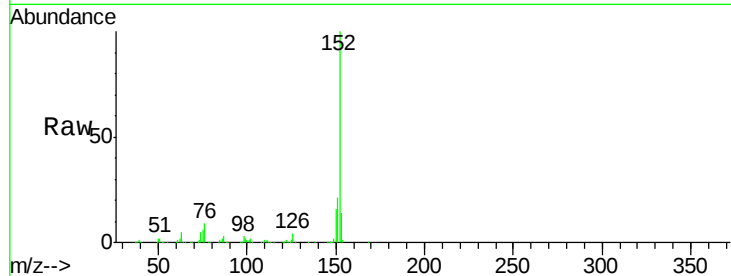
#49
Acenaphthylene
Concen: 43.25 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	673553		
151	21.3		17.4	26.2
153	13.6		10.7	16.1

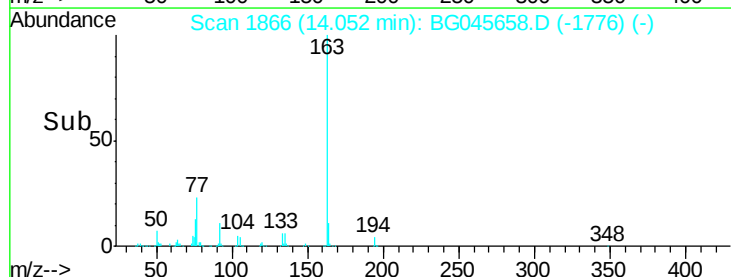
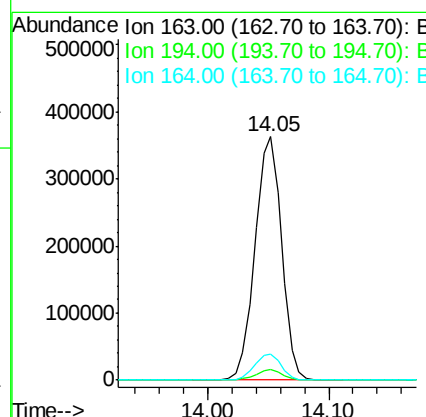
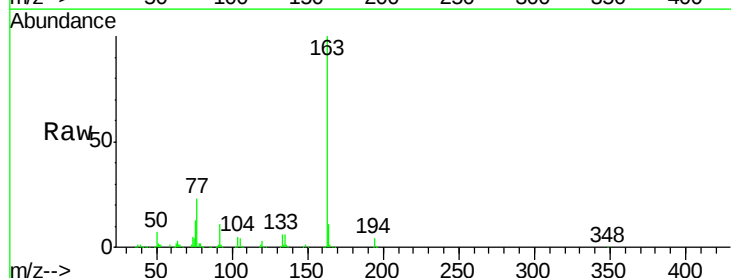
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#50
Dimethylphthalate
Concen: 41.93 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	558913		
194	4.4		3.2	4.8
164	10.9		8.3	12.5





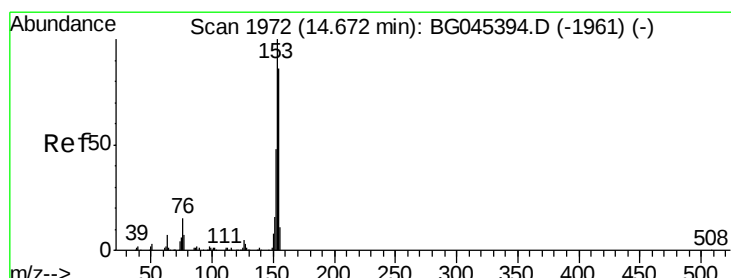
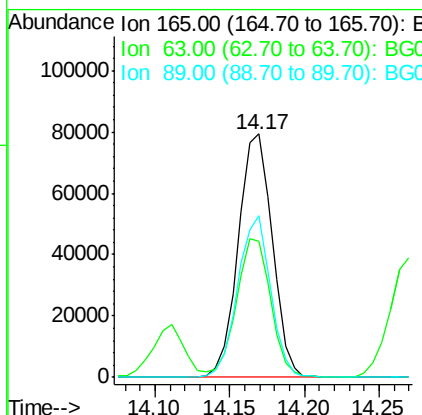
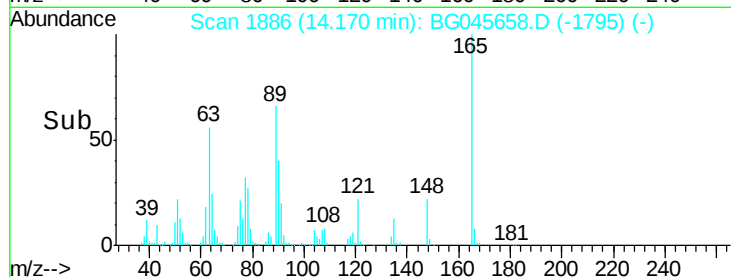
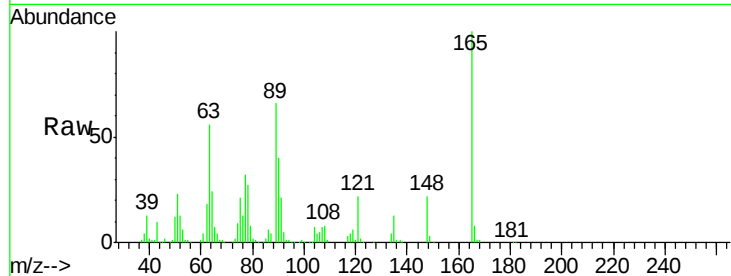
#51
2,6-Dinitrotoluene
Concen: 41.79 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125694		
63	55.7	45.0	67.4	
89	66.4	50.2	75.4	

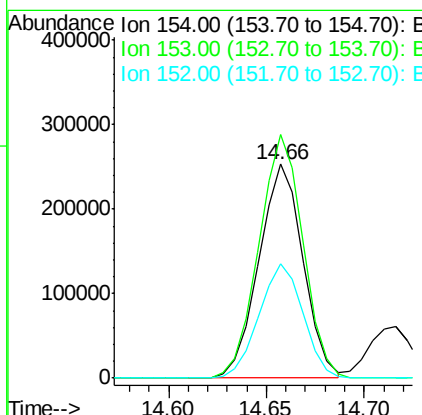
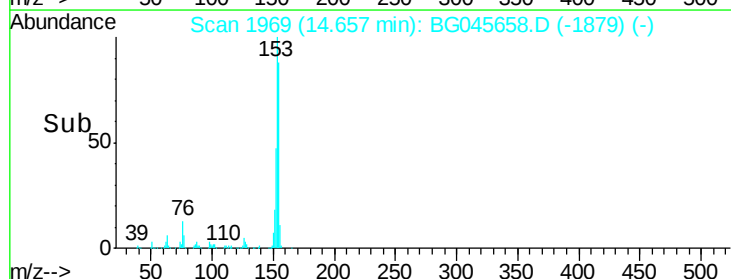
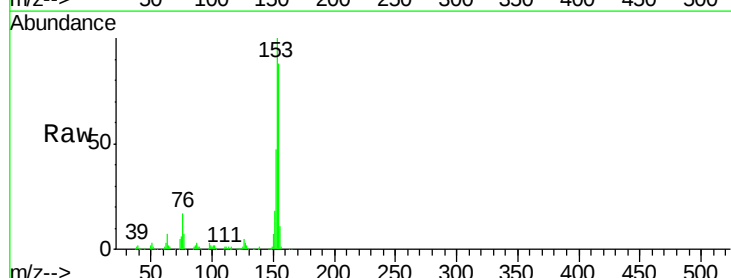
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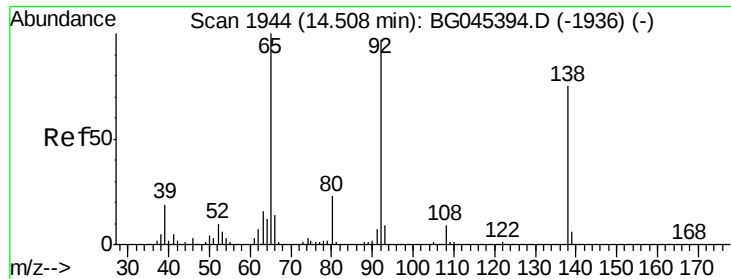
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#52
Acenaphthene
Concen: 37.93 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	395395		
153	113.8	92.8	139.2	
152	53.4	44.6	66.8	





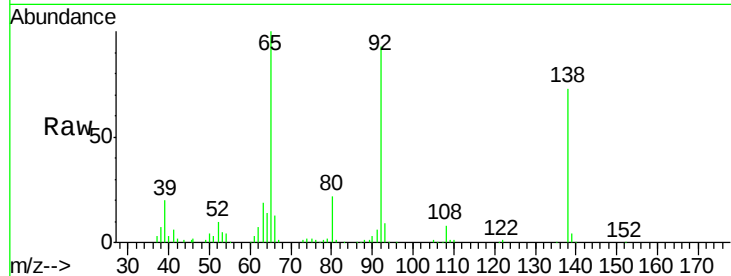
#53
3-Nitroaniline
Concen: 24.66 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

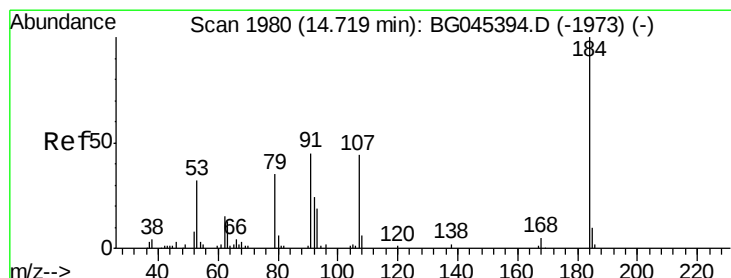
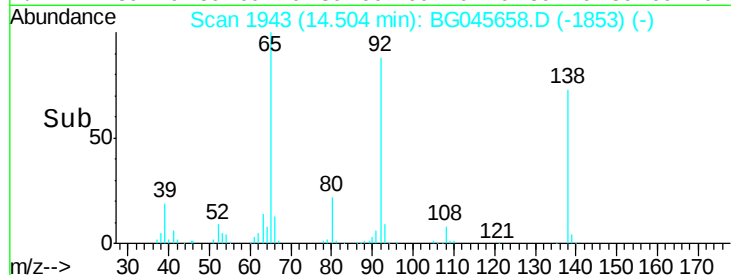
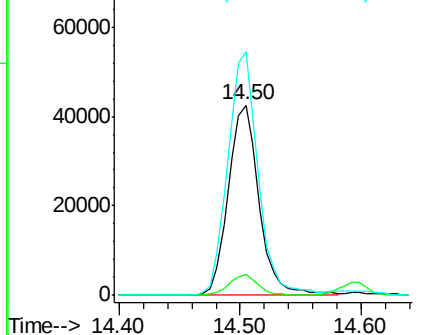
Tgt Ion:138 Resp: 75397
Ion Ratio Lower Upper
138 100
108 11.0 9.8 14.6
92 127.9 103.0 154.4

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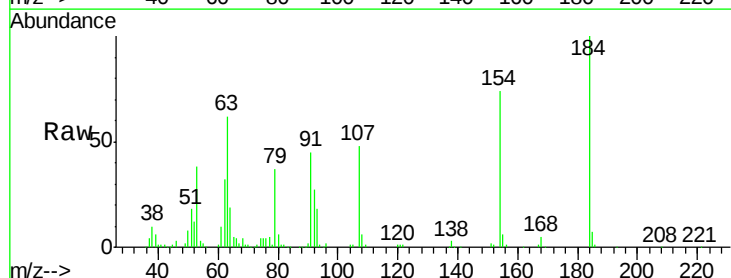


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

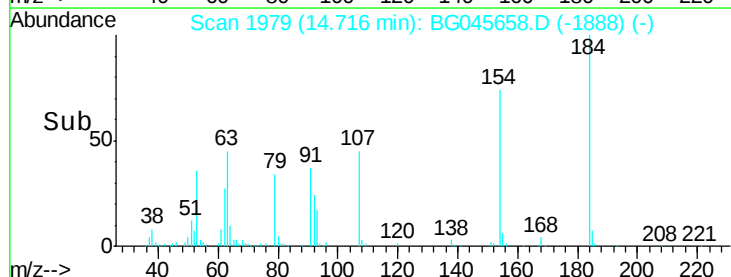
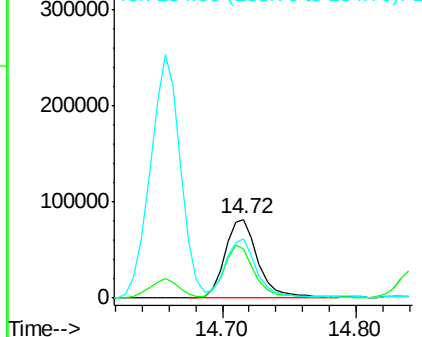


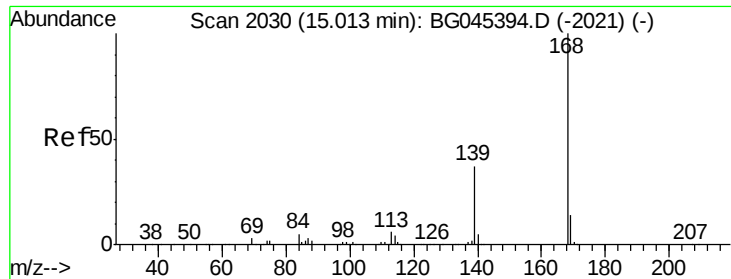
#54
2,4-Dinitrophenol
Concen: 73.23 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion:184 Resp: 143313
Ion Ratio Lower Upper
184 100
63 61.6 47.8 71.6
154 74.4 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E





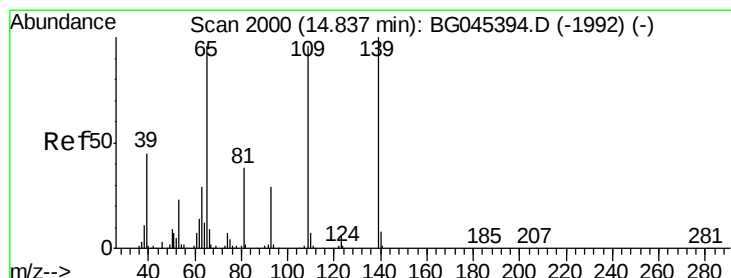
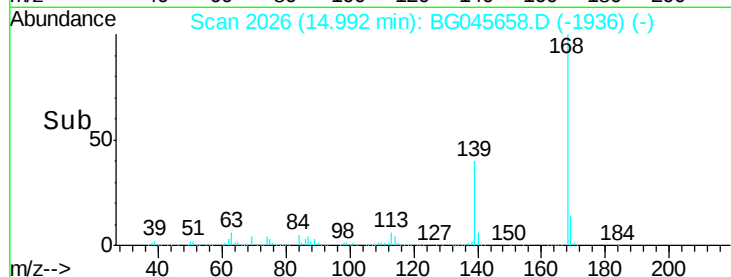
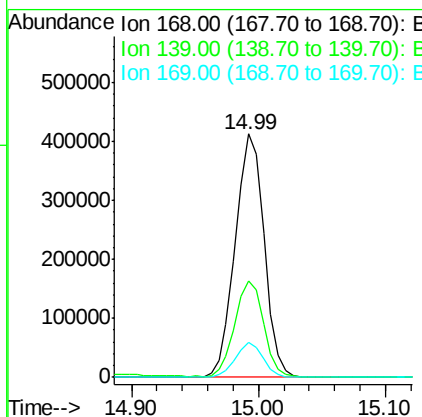
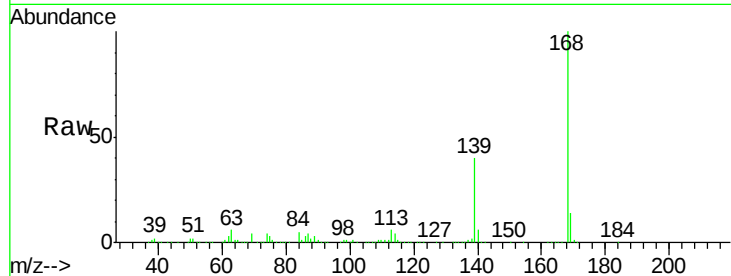
#55
Dibenzofuran
Concen: 42.05 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	650989		
139	39.6		29.9	44.9
169	14.2		10.9	16.3

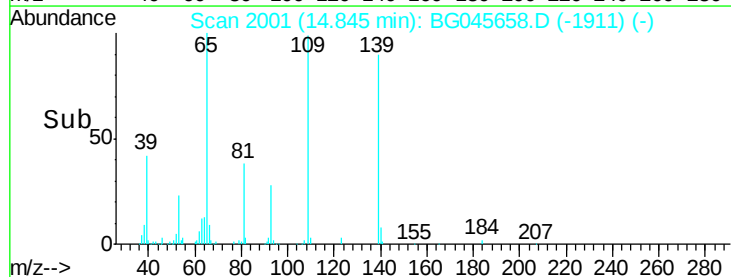
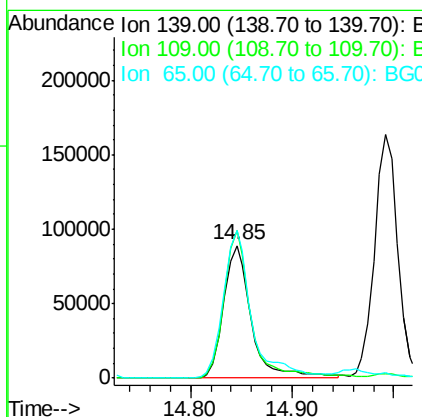
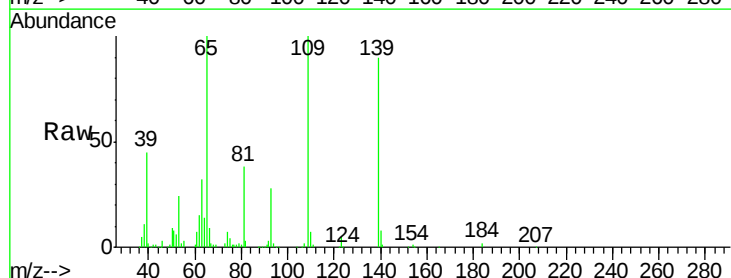
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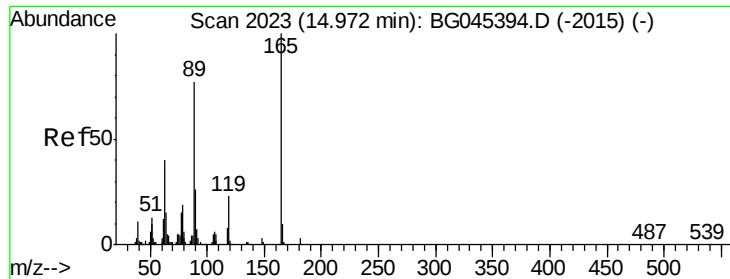
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#56
4-Nitrophenol
Concen: 72.92 ng
RT: 14.85 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	168787		
109	111.1		75.6	115.6
65	111.1		76.8	116.8





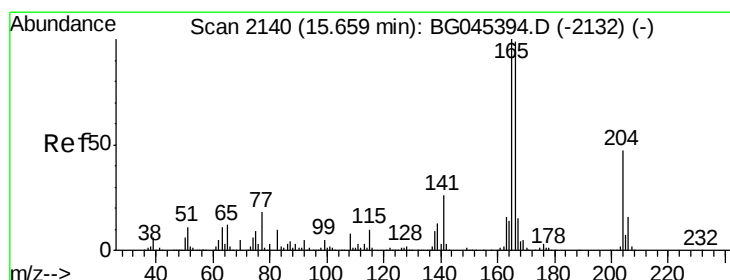
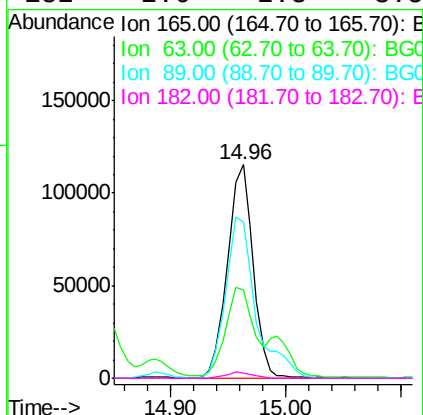
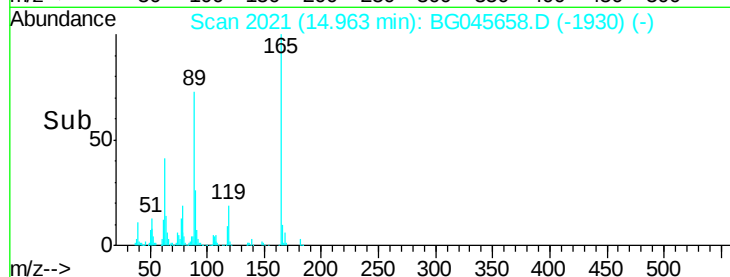
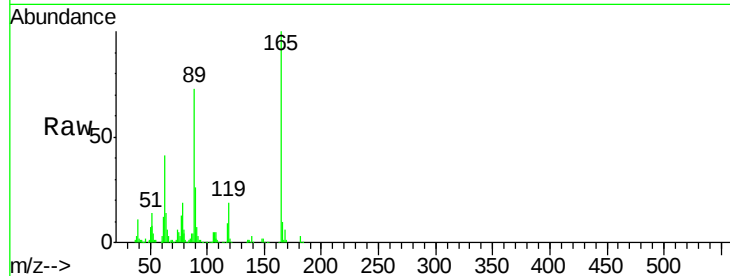
#57
2,4-Dinitrotoluene
Concen: 40.47 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.1	32.5	48.7
89	73.0	61.8	92.6
182	2.6	2.3	3.5

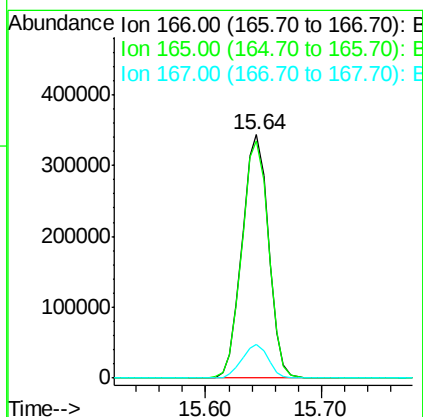
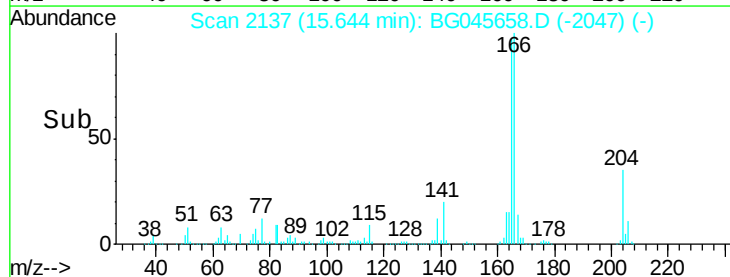
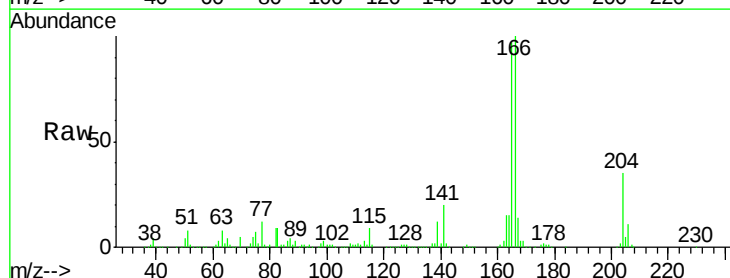
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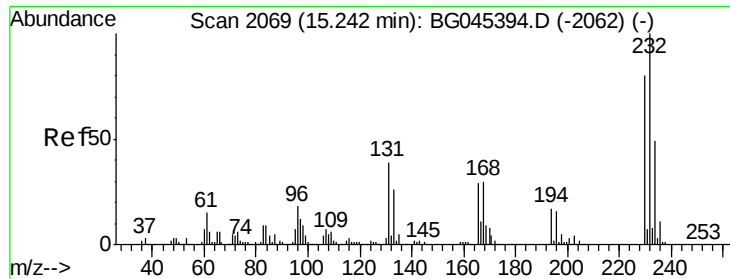
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#58
Fluorene
Concen: 42.98 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.8	121.2
167	13.9	12.0	18.0





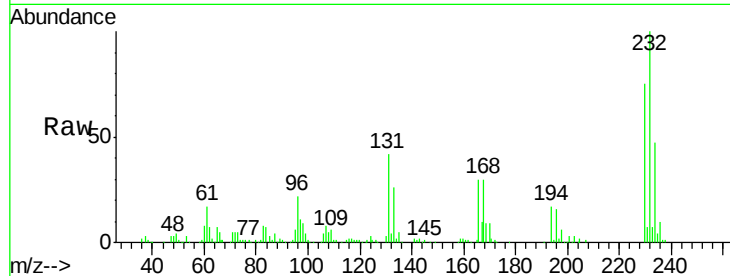
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.67 ng
 RT: 15.23 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

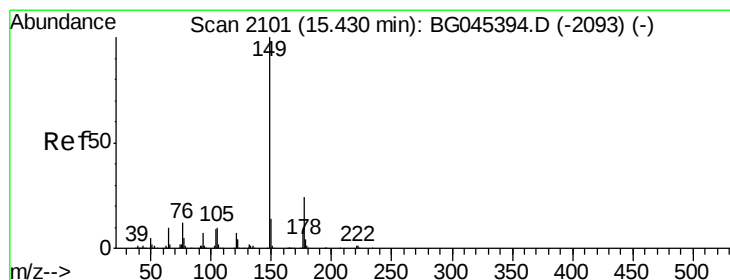
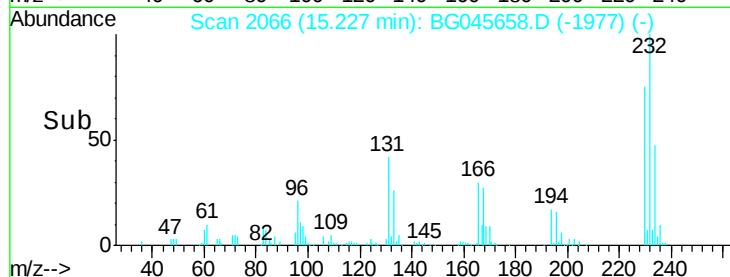
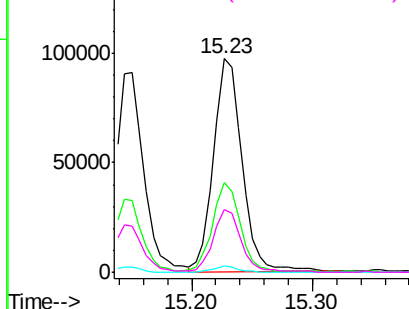
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	157953		
131	41.2	33.7	50.5	
130	2.5	2.1	3.1	
166	28.6	23.2	34.8	

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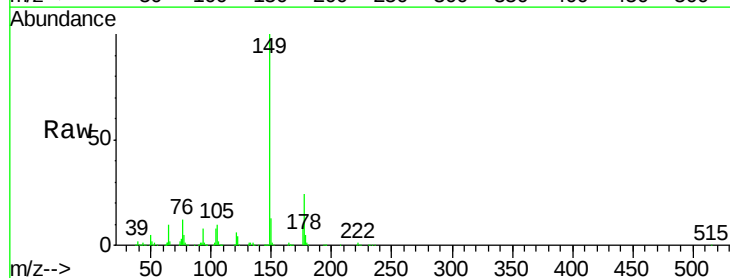


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

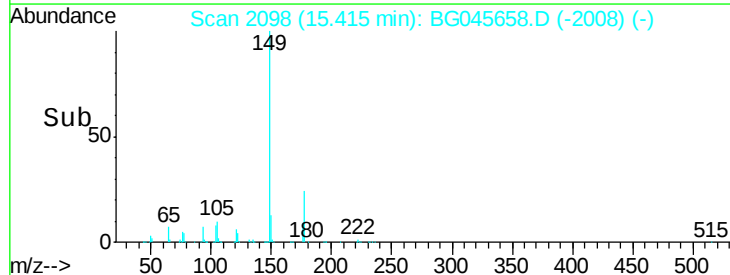
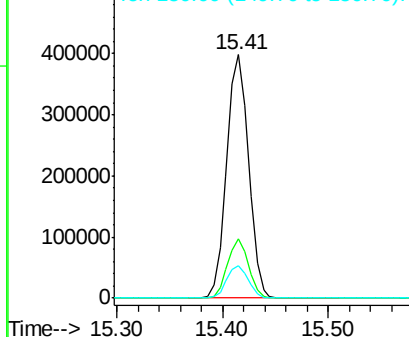


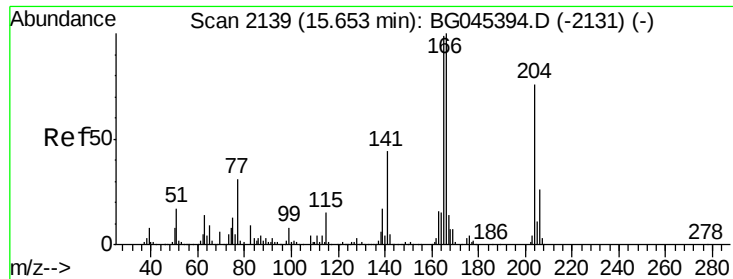
#60
 Diethylphthalate
 Concen: 40.94 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	568004		
177	24.1	19.0	28.4	
150	13.3	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: 42.06 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

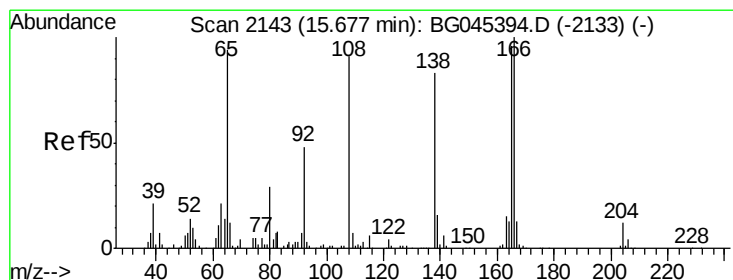
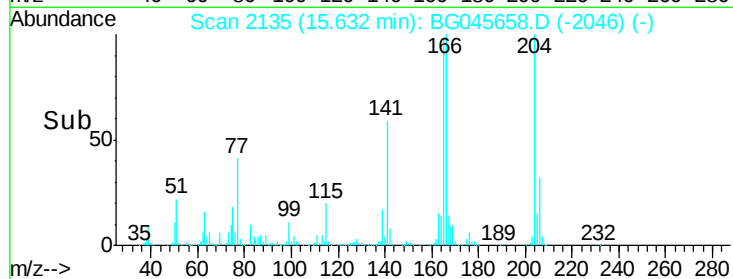
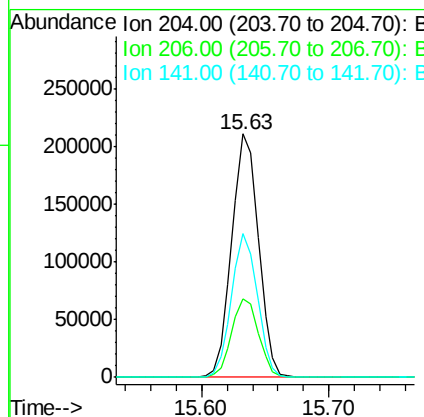
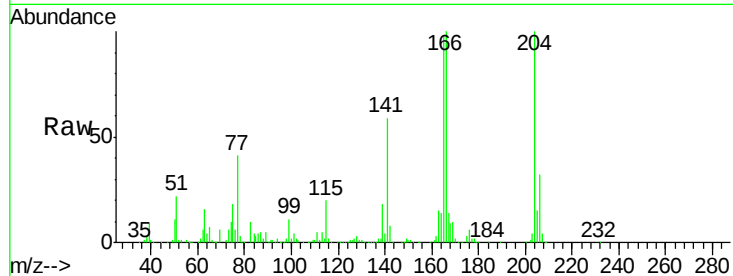
ClientSampleId :

PB129381BS

Tgt Ion:	204	Resp:	306076
Ion Ratio		Lower	Upper
204	100		
206	32.4	27.3	40.9
141	58.8	45.9	68.9

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#62

4-Nitroaniline

Concen: 38.68 ng

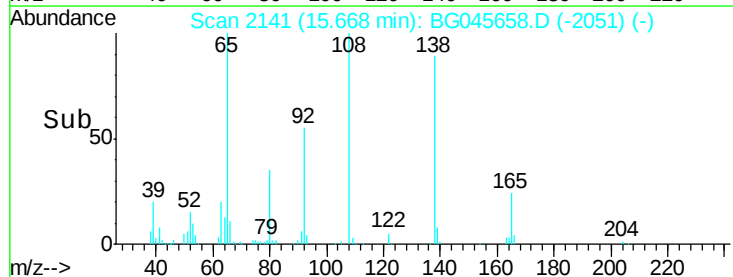
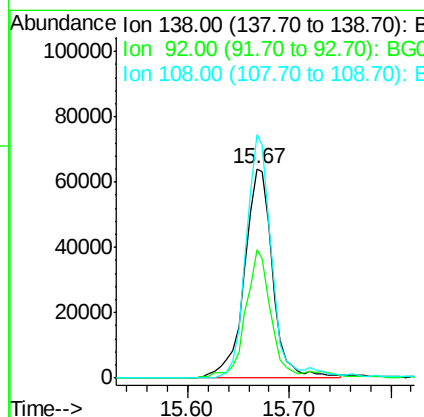
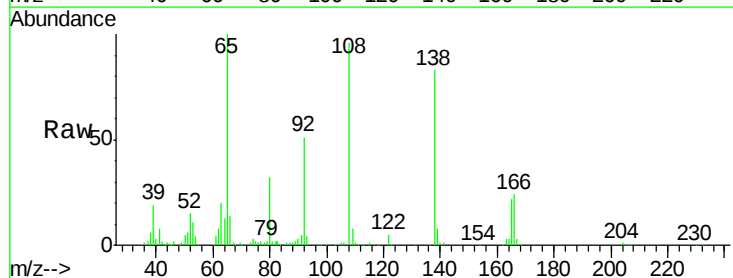
RT: 15.67 min Scan# 2141

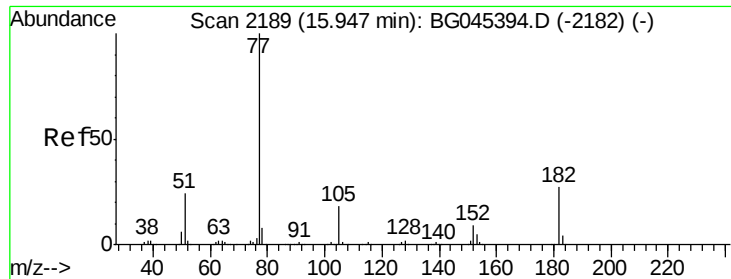
Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Tgt Ion:	138	Resp:	123462
Ion Ratio		Lower	Upper
138	100		
92	61.4	38.0	78.0
108	116.2	89.3	129.3





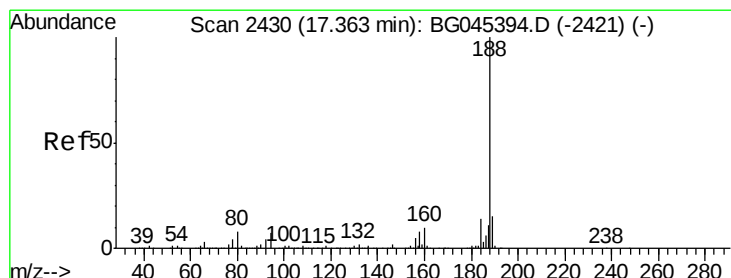
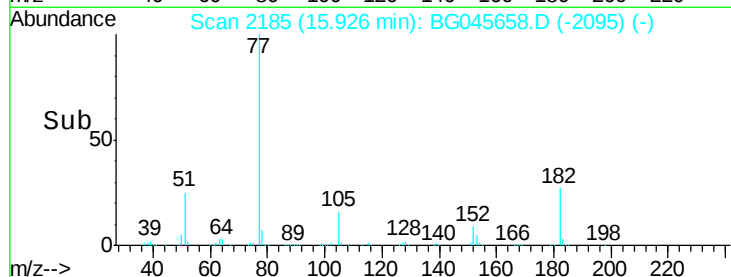
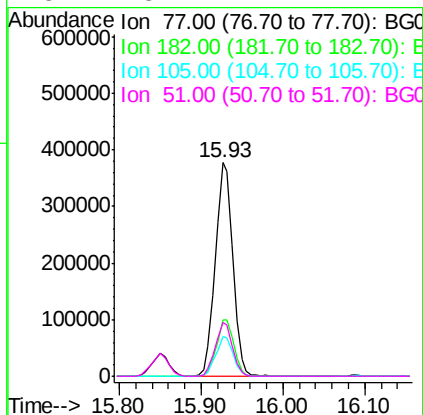
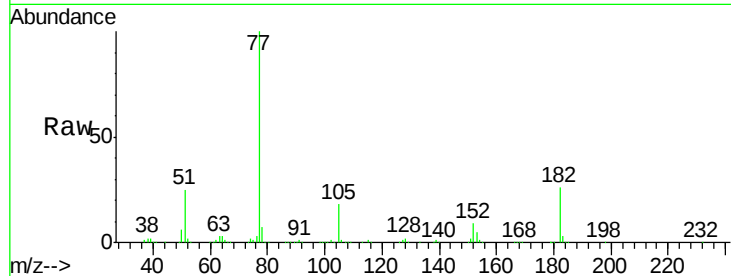
#63
Azobenzene
Concen: 43.62 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	6.5	46.5
105	18.4	0.0	37.9
51	25.2	4.1	44.1

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:04 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.5	8.3
80	8.2	6.6	10.0

