

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
 Data File : BG045459.D
 Acq On : 26 May 2020 16:13
 Operator : CG/JU
 Sample : PB129080BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Manual Integrations
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mohammad
 5/27/2020 11:48:32 AM

Quant Time: May 26 17:01:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	70761	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	286722	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	213403	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	506226	20.00	ng	0.00
76) Chrysene-d12	21.61	240	480286	20.00	ng	0.00
87) Perylene-d12	24.76	264	528659	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	579817	160.14	ng	0.00
7) Phenol-d6	7.18	99	829611	160.98	ng	0.00
23) Nitrobenzene-d5	9.12	82	525087	99.87	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	414156	151.75	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1215024	96.57	ng	0.00
79) Terphenyl-d14	19.97	244	2034222	98.78	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	71445	39.79	ng	98
3) Pyridine	3.81	79	167673	33.53	ng	95
4) n-Nitrosodimethylamine	3.72	42	75003	45.84	ng	93
6) Aniline	7.29	93	263659	39.19	ng	99
8) 2-Chlorophenol	7.55	128	212453	53.51	ng	99
9) Benzaldehyde	7.09	77	139605	41.58	ng	97
10) Phenol	7.21	94	282810	53.25	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	195834	47.27	ng	99
12) 1,3-Dichlorobenzene	7.85	146	225306	47.22	ng	97
13) 1,4-Dichlorobenzene	7.99	146	222731	47.30	ng	97
14) 1,2-Dichlorobenzene	8.32	146	209781	46.32	ng	98
15) Benzyl Alcohol	8.21	79	216183	50.78	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	180972	46.02	ng	98
17) 2-Methylphenol	8.45	107	197909	49.78	ng	95
18) Hexachloroethane	9.05	117	86485	47.95	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	180962	50.78	ng	98
20) 3+4-Methylphenols	8.78	107	257368	47.54	ng	# 64
22) Acetophenone	8.79	105	327339	48.17	ng	# 94
24) Nitrobenzene	9.17	77	263646	46.80	ng	97
25) Isophorone	9.69	82	495253	47.83	ng	98
26) 2-Nitrophenol	9.88	139	122828	50.97	ng	93
27) 2,4-Dimethylphenol	9.97	122	207124	57.95	ng	94
28) bis(2-Chloroethoxy)methane	10.17	93	268181	49.38	ng	98
29) 2,4-Dichlorophenol	10.44	162	227172	53.82	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	238880	47.90	ng	98
31) Naphthalene	10.82	128	648557	48.54	ng	98
32) Benzoic acid	10.16	122	141324	56.02	ng	98
33) 4-Chloroaniline	10.94	127	137737	24.66	ng	99
34) Hexachlorobutadiene	11.11	225	166773	47.31	ng	98
35) Caprolactam	11.70	113	80457m	51.93	ng	
36) 4-Chloro-3-methylphenol	12.10	107	259305	54.52	ng	94
37) 2-Methylnaphthalene	12.43	142	498196	50.03	ng	100
38) 1-Methylnaphthalene	12.65	142	474889	50.48	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	288354	48.38	ng	98

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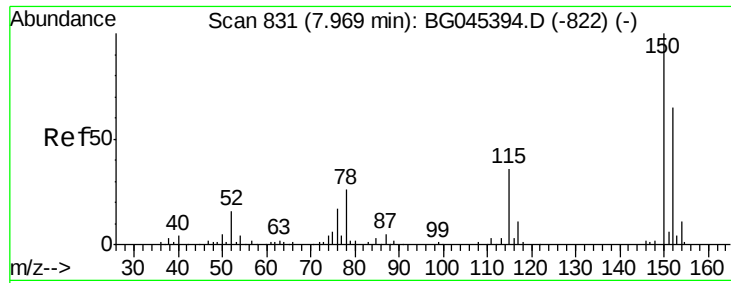
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	370017	107.55	ng	99
43) 2,4,6-Trichlorophenol	13.05	196	203487	49.14	ng	99
44) 2,4,5-Trichlorophenol	13.15	196	217926	46.06	ng	98
46) 1,1'-Biphenyl	13.44	154	651014	49.65	ng	99
47) 2-Chloronaphthalene	13.48	162	494713	46.46	ng	100
48) 2-Nitroaniline	13.69	65	156355	44.64	ng	87
49) Acenaphthylene	14.33	152	835433	48.85	ng	99
50) Dimethylphthalate	14.06	163	692533	47.31	ng	98
51) 2,6-Dinitrotoluene	14.18	165	162854	49.30	ng	91
52) Acenaphthene	14.67	154	492425	43.01	ng	97
53) 3-Nitroaniline	14.52	138	97833	29.13	ng	# 97
54) 2,4-Dinitrophenol	14.72	184	178974	82.52	ng	98
55) Dibenzofuran	15.00	168	809652	47.62	ng	97
56) 4-Nitrophenol	14.88	139	246530	96.97	ng	94
57) 2,4-Dinitrotoluene	14.97	165	229558	47.98	ng	99
58) Fluorene	15.65	166	669283	47.92	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	205881	49.46	ng	98
60) Diethylphthalate	15.42	149	708370	46.49	ng	98
61) 4-Chlorophenyl-phenylether	15.65	204	373548	46.74	ng	100
62) 4-Nitroaniline	15.69	138	158649	45.26	ng	95
63) Azobenzene	15.94	77	668768	47.07	ng	96
65) 4,6-Dinitro-2-methylphenol	15.74	198	142187	48.23	ng	98
66) n-Nitrosodiphenylamine	15.87	169	609808	50.17	ng	98
67) 4-Bromophenyl-phenylether	16.54	248	259538	47.35	ng	98
68) Hexachlorobenzene	16.66	284	287778	50.19	ng	98
69) Atrazine	16.82	200	236818	47.30	ng	98
70) Pentachlorophenol	17.02	266	307296	103.22	ng	98
71) Phenanthrene	17.39	178	1088364	49.25	ng	99
72) Anthracene	17.49	178	1110194	50.02	ng	97
73) Carbazole	17.76	167	1024189	47.34	ng	100
74) Di-n-butylphthalate	18.32	149	1220384	47.00	ng	98
75) Fluoranthene	19.41	202	1352847	48.13	ng	99
77) Benzidine	19.58	184	613448	45.48	ng	99
78) Pyrene	19.77	202	1349409	49.29	ng	99
80) Butylbenzylphthalate	20.65	149	540880	45.77	ng	100
81) Benzo(a)anthracene	21.59	228	1296892	48.47	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	346313	33.00	ng	97
83) Chrysene	21.66	228	1233057	47.93	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	760510	46.82	ng	99
85) Di-n-octyl phthalate	22.70	149	1291489	46.29	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1648644	49.01	ng	# 95
88) Benzo(b)fluoranthene	23.77	252	1369737	48.31	ng	97
89) Benzo(k)fluoranthene	23.84	252	1373186	51.55	ng	100
90) Benzo(a)pyrene	24.61	252	1284149	48.63	ng	97
91) Dibenzo(a,h)anthracene	28.40	278	1337208	50.39	ng	98
92) Benzo(g,h,i)perylene	29.46	276	1371376	51.68	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 830

Delta R.T. 0.01 min

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Instrument :

BNA_G

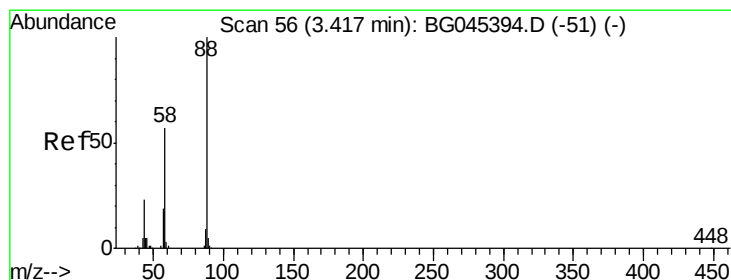
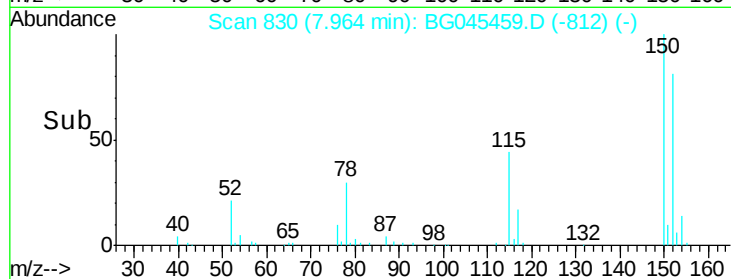
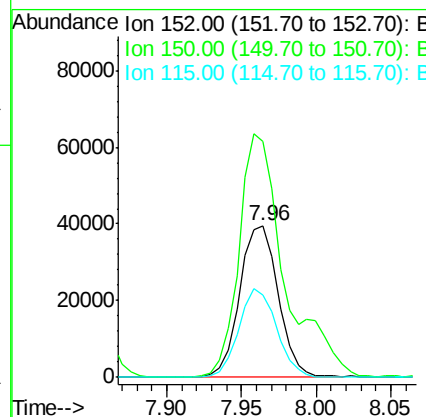
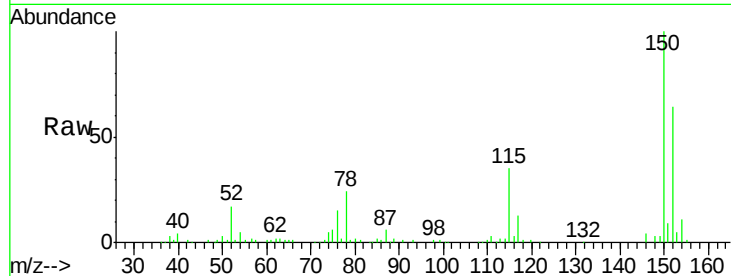
ClientSampleId :

PB129080BS

Tgt Ion:	152	Resp:	70761
Ion Ratio	Lower	Upper	
152	100		
150	155.7	122.4	183.6
115	54.7	44.2	66.4

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#2

1,4-Dioxane

Concen: 39.79 ng

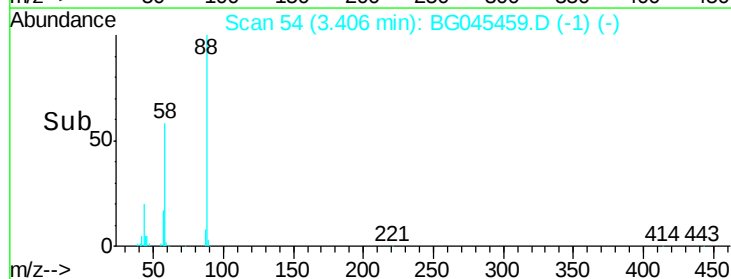
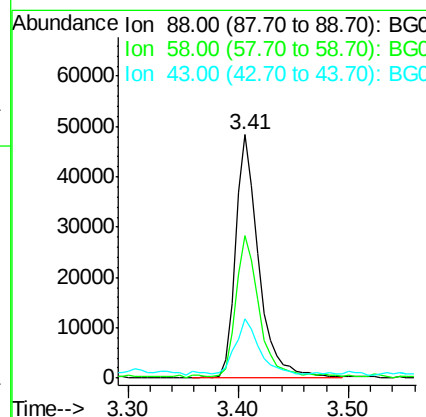
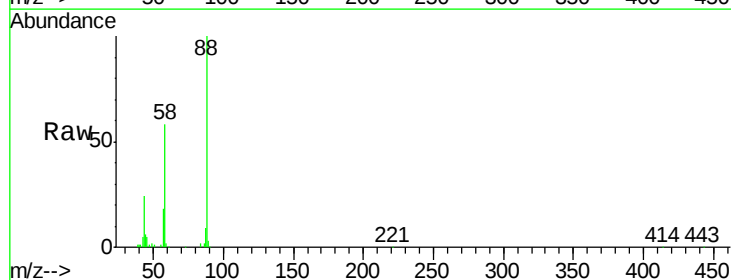
RT: 3.41 min Scan# 54

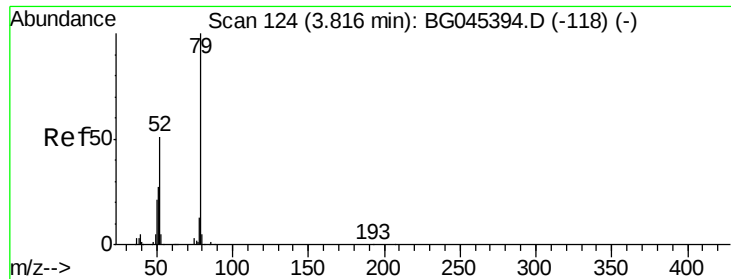
Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion:	88	Resp:	71445
Ion Ratio	Lower	Upper	
88	100		
58	56.6	45.7	68.5
43	23.7	16.8	25.2





#3

Pyridine

Concen: 33.53 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

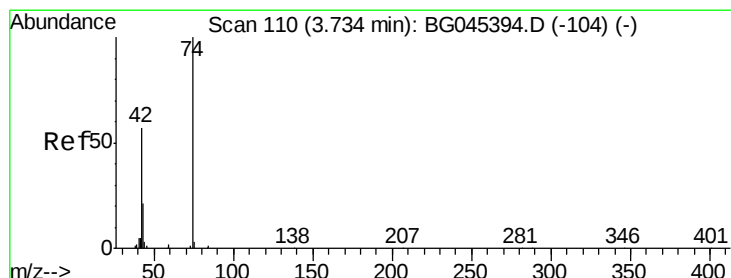
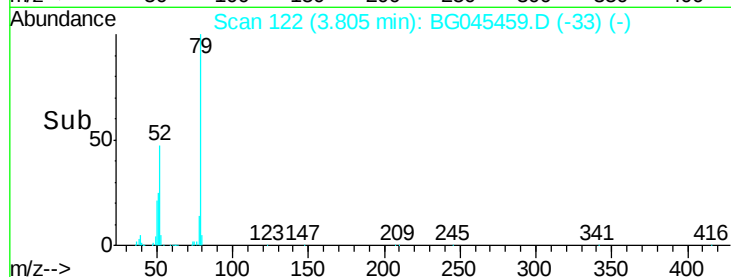
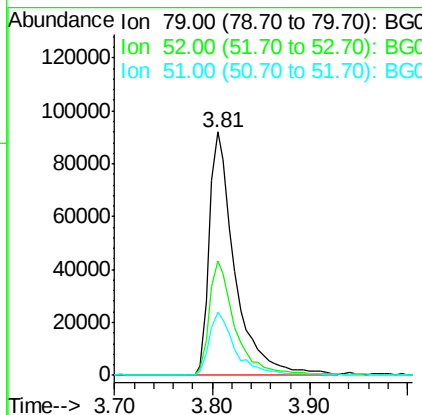
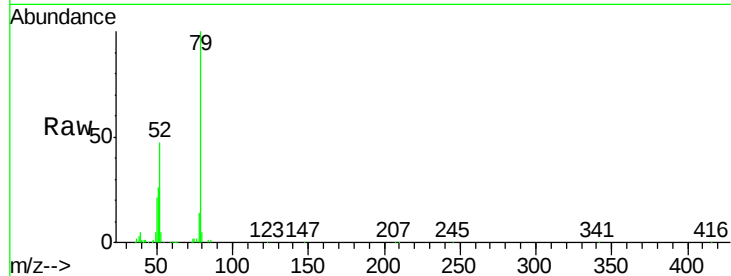
ClientSampleId :

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100		167673		
52	47.2	40.8	61.2		
51	25.9	21.9	32.9		

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#4

n-Nitrosodimethylamine

Concen: 45.84 ng

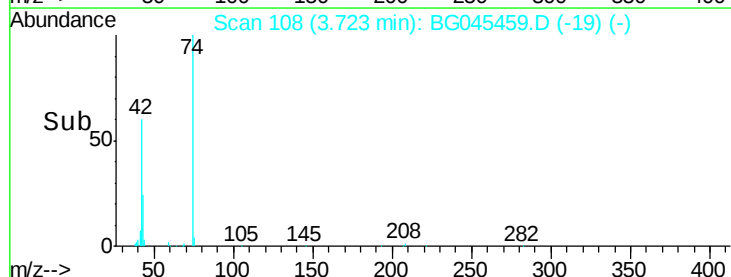
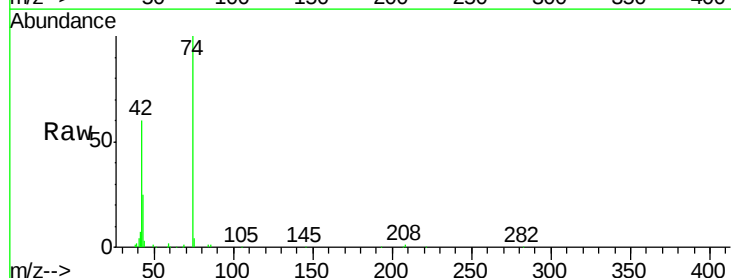
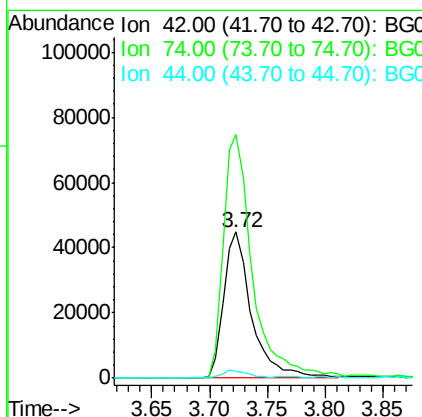
RT: 3.72 min Scan# 108

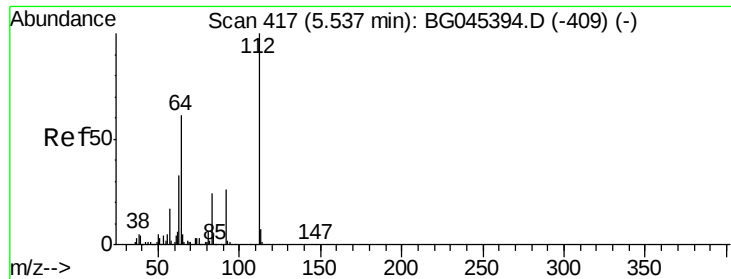
Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		75003		
74	166.6	141.3	211.9		
44	4.8	4.2	6.4		





#5

2-Fluorophenol

Concen: 160.14 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045459.D

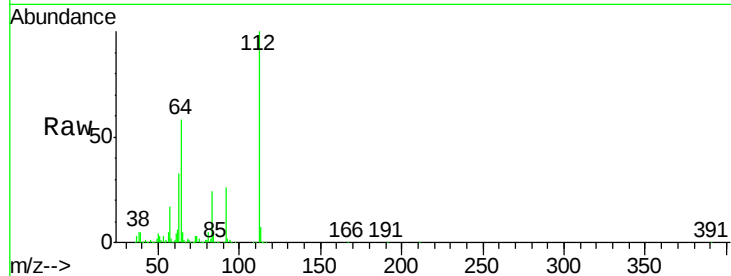
Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

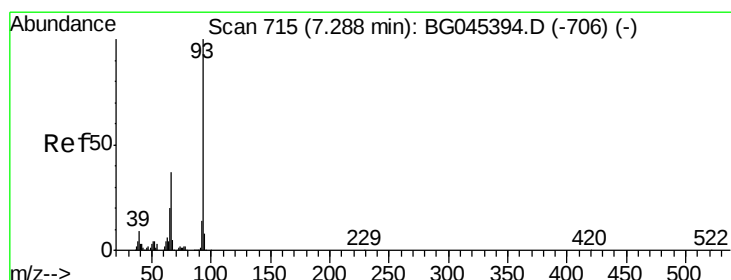
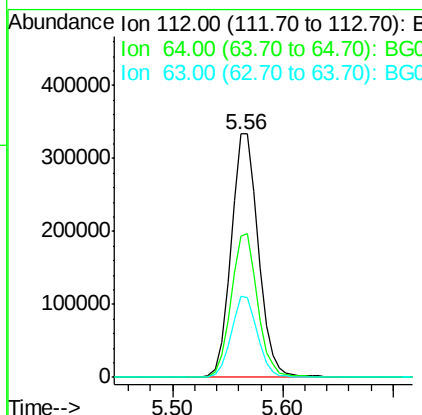
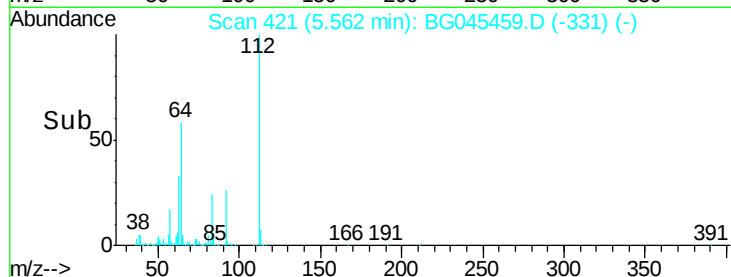
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	579817		
64	57.8	48.6	72.8	
63	33.1	26.5	39.7	

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#6

Aniline

Concen: 39.19 ng

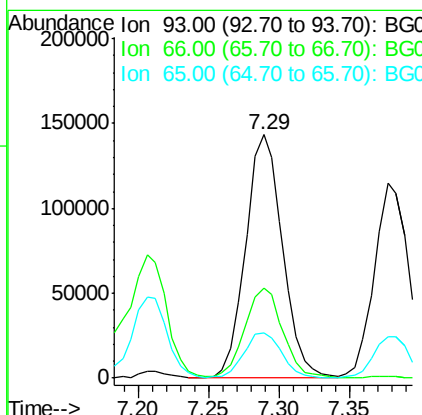
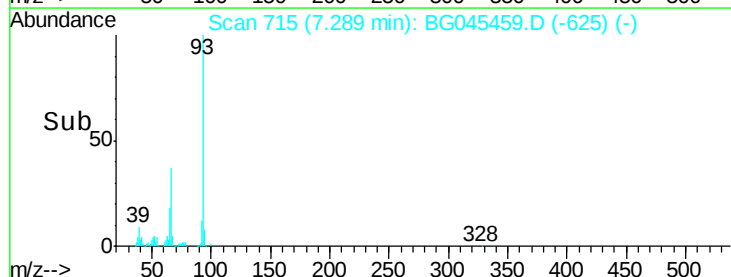
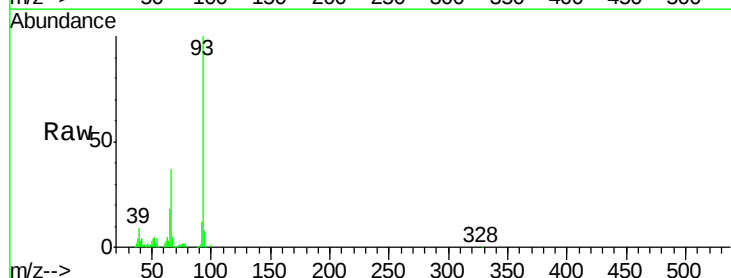
RT: 7.29 min Scan# 715

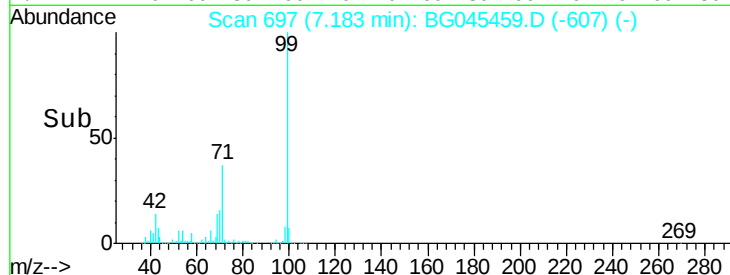
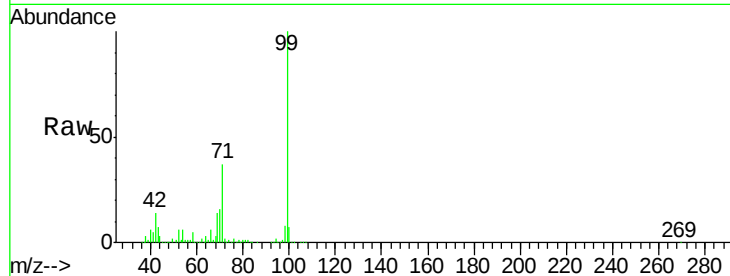
Delta R.T. 0.00 min

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	263659		
66	37.0	29.6	44.4	
65	18.3	15.9	23.9	





#7

Phenol-d6

Concen: 160.98 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	829611		
42	13.8	11.3	16.9	
71	36.9	30.8	46.2	

Instrument :

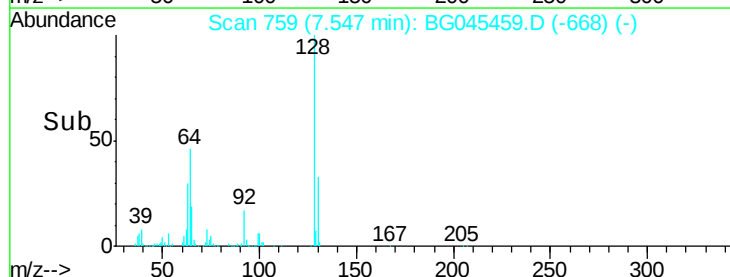
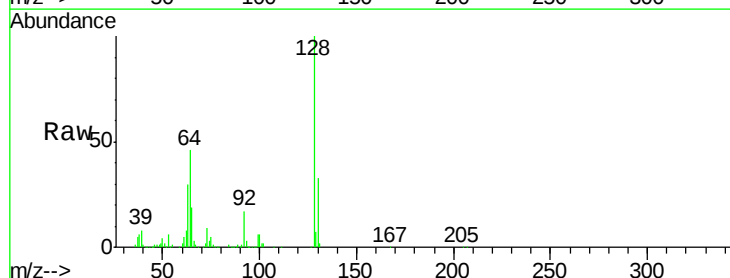
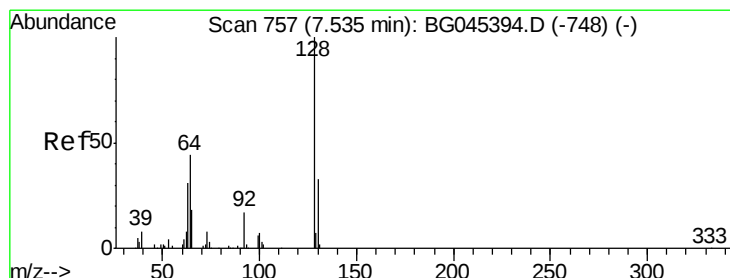
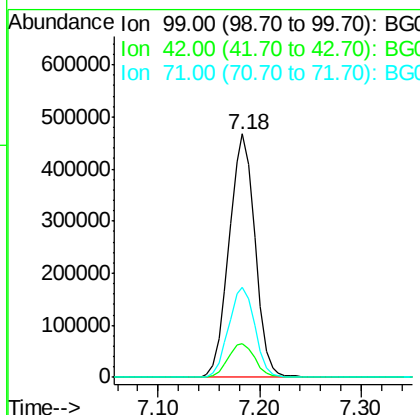
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#8

2-Chlorophenol

Concen: 53.51 ng

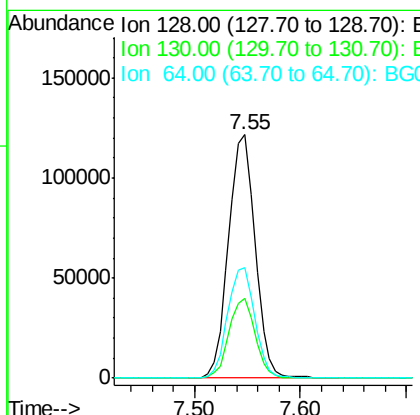
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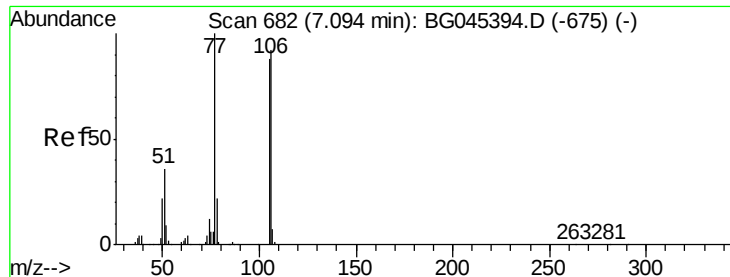
Delta R.T. 0.01 min

Lab File: BG045459.D

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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	212453		
130	32.6	12.6	52.6	
64	45.6	27.0	67.0	





#9

Benzaldehyde

Concen: 41.58 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

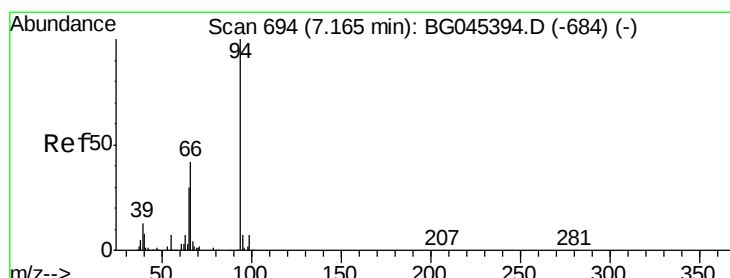
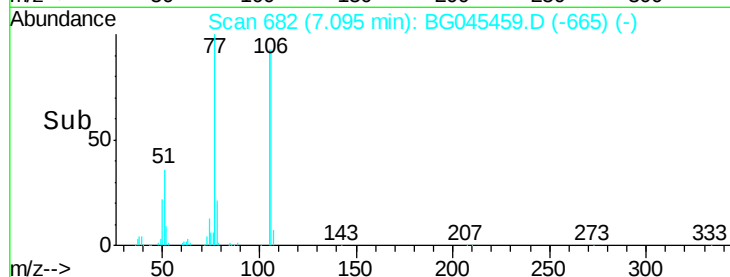
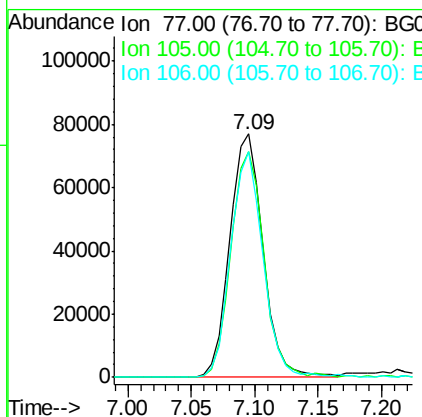
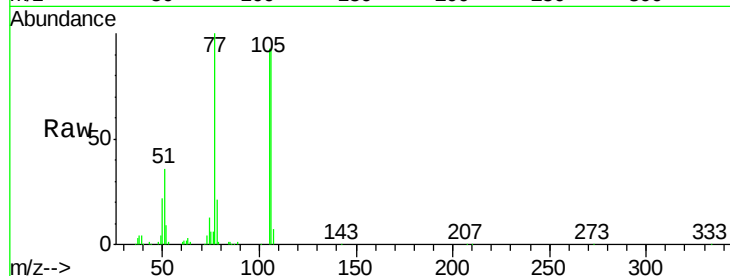
ClientSampleId :

PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	139605		
105	92.9	68.5	108.5	
106	92.5	71.6	111.6	

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#10

Phenol

Concen: 53.25 ng

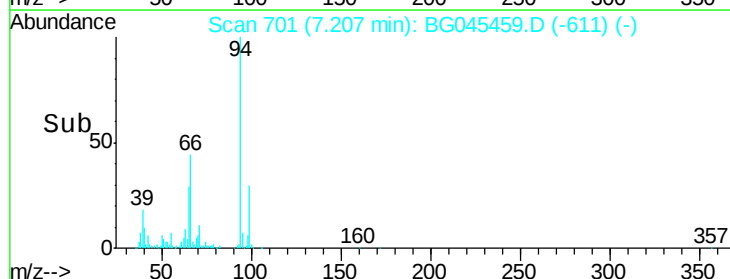
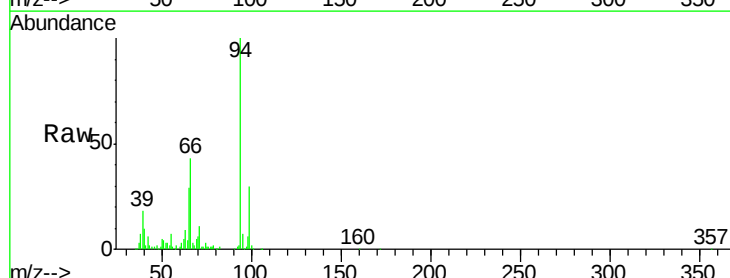
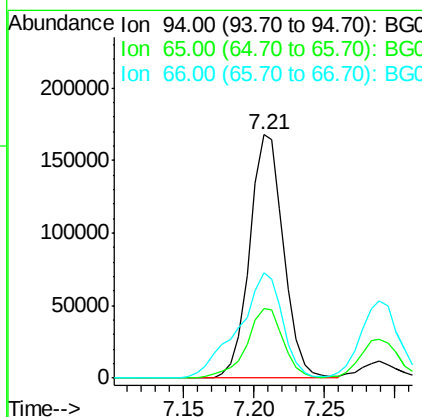
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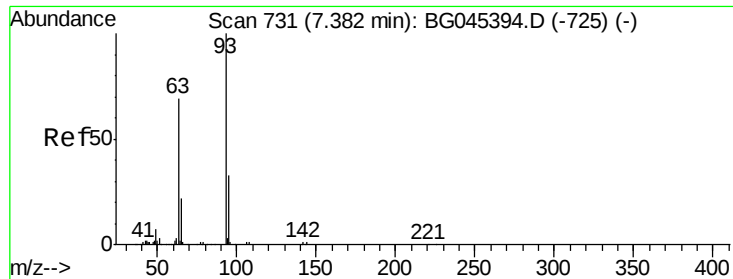
Delta R.T. 0.00 min

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Tgt Ion	Ratio	Resp	Lower	Upper
94	100	282810		
65	28.5	9.8	49.8	
66	43.5	22.0	62.0	





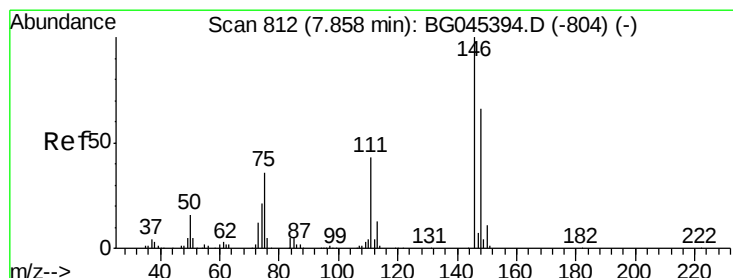
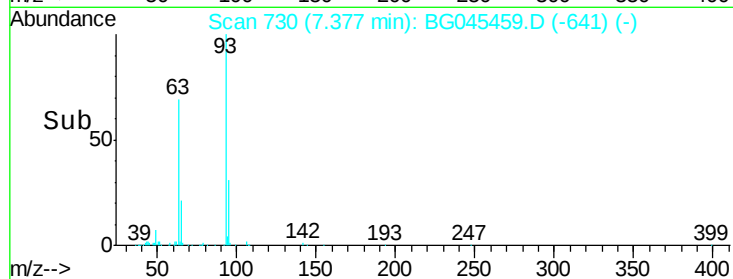
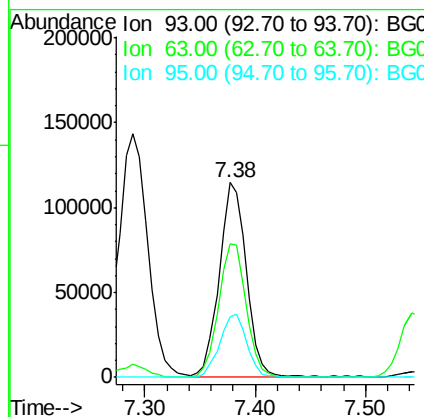
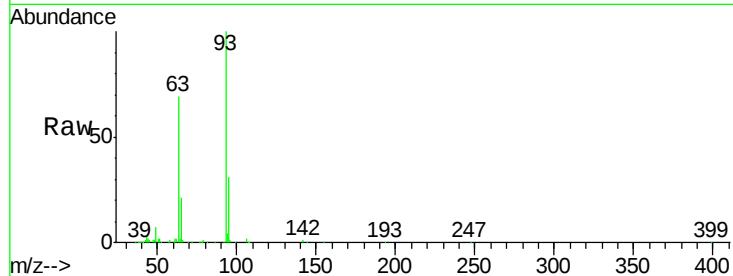
#11
bis(2-Chloroethyl)ether
Concen: 47.27 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	195834		
63	68.8	48.4	88.4	
95	31.0	12.4	52.4	

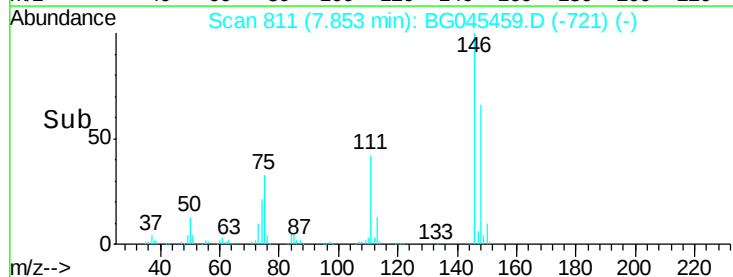
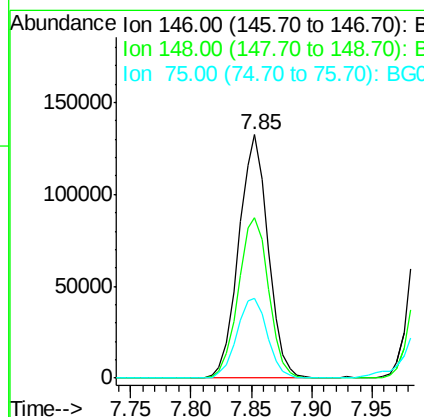
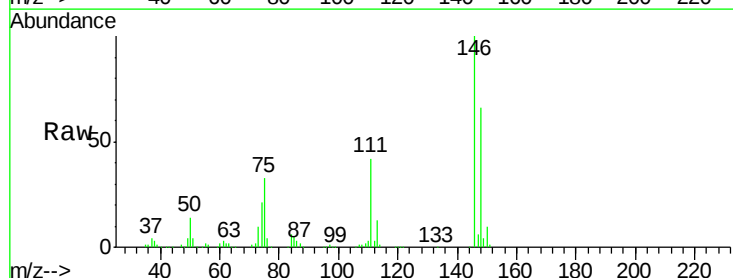
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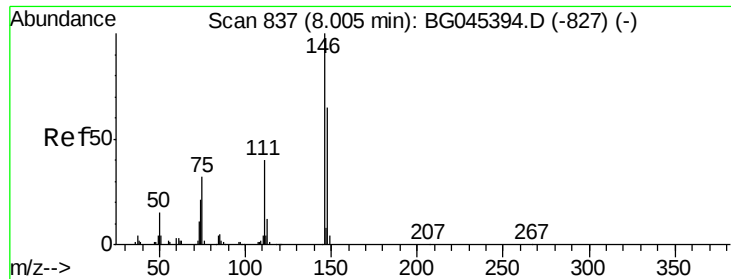
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.22 ng
RT: 7.85 min Scan# 811
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	225306		
148	65.7	53.2	79.8	
75	32.5	28.6	43.0	





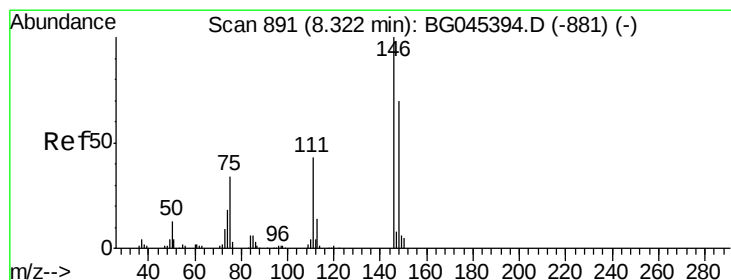
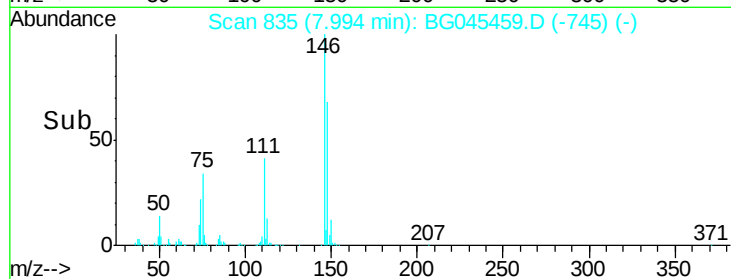
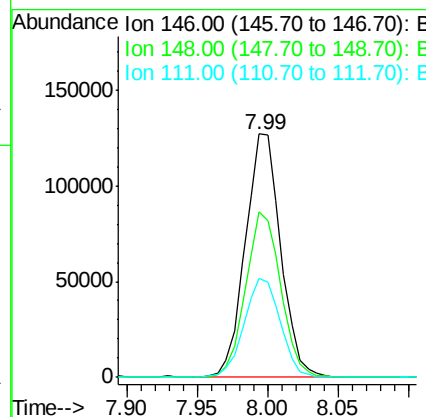
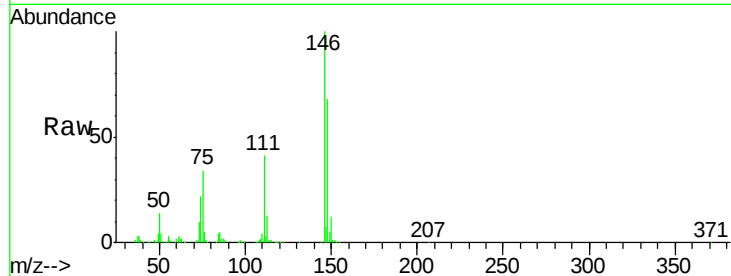
#13
 1,4-Dichlorobenzene
 Concen: 47.30 ng
 RT: 7.99 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	222731		
148	68.1	51.8	77.8	
111	40.8	32.1	48.1	

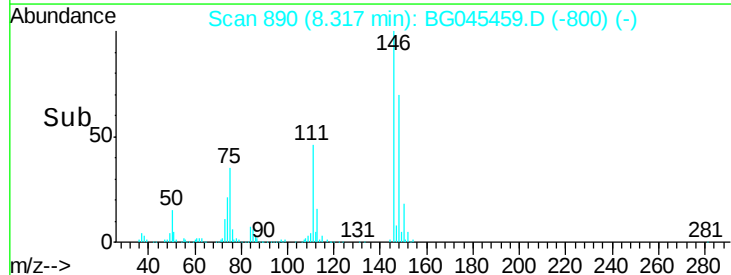
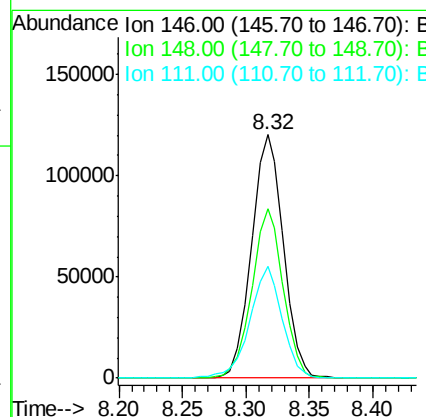
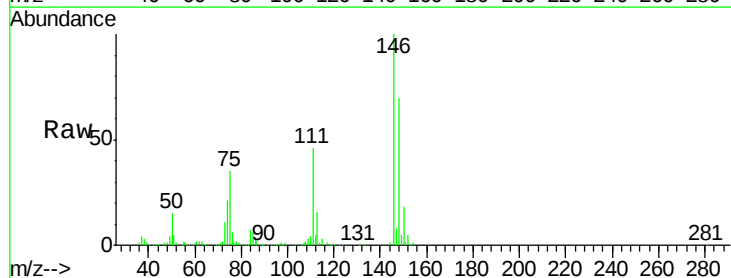
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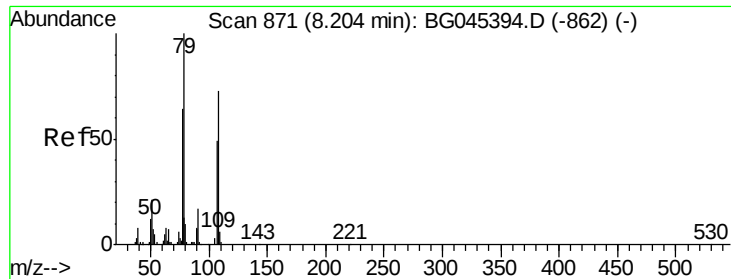
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 46.32 ng
 RT: 8.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	209781		
148	69.5	55.9	83.9	
111	45.8	35.0	52.4	





#15

Benzyl Alcohol

Concen: 50.78 ng

RT: 8.21 min Scan# 872

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

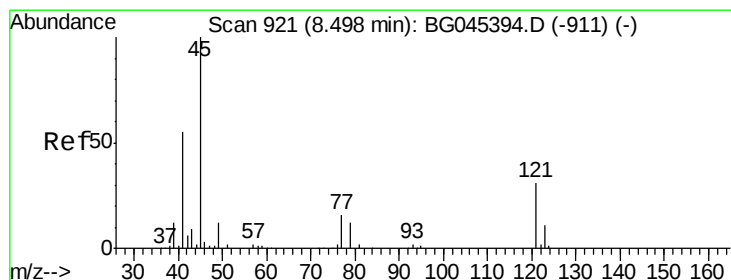
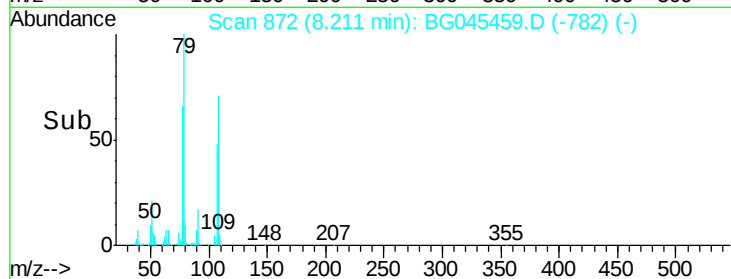
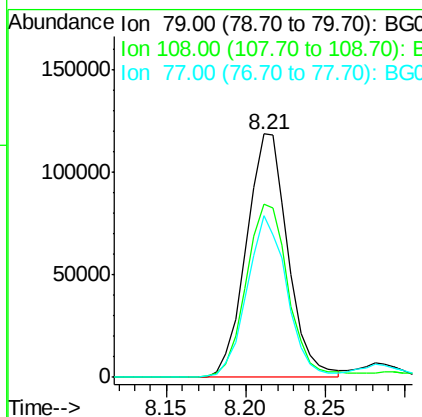
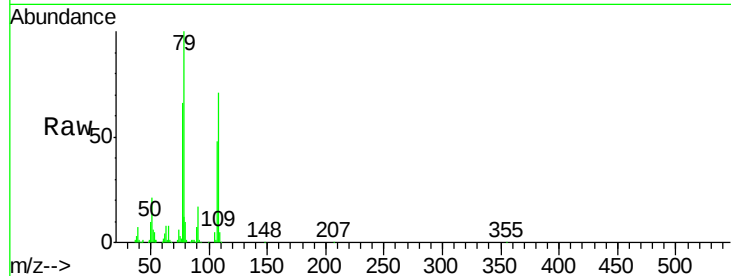
ClientSampleId :

PB129080BS

Tgt Ion:	79	Resp:	216183
Ion Ratio	Lower	Upper	
79	100		
108	71.3	58.2	87.4
77	66.5	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.02 ng

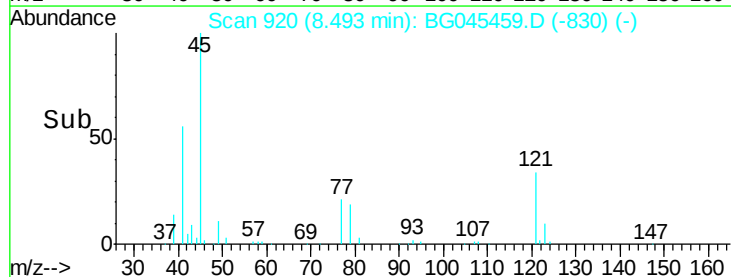
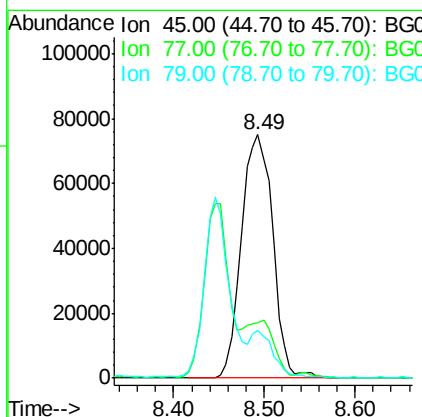
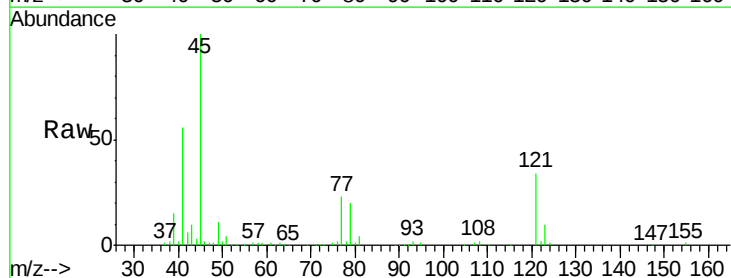
RT: 8.49 min Scan# 920

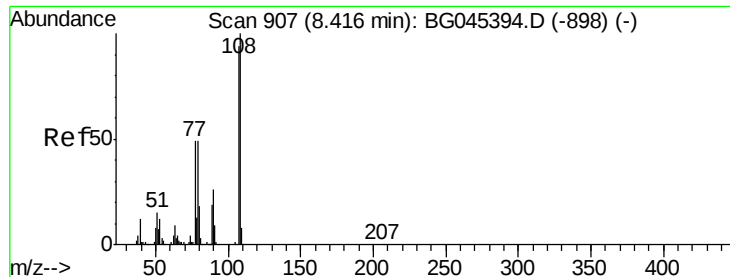
Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion:	45	Resp:	180972
Ion Ratio	Lower	Upper	
45	100		
77	22.9	4.0	44.0
79	19.5	0.0	38.6





#17

2-Methylphenol

Concen: 49.78 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG045459.D

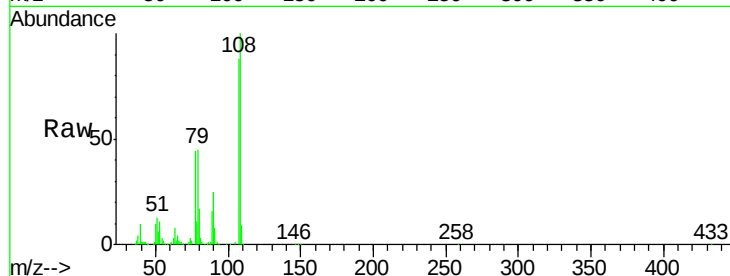
Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS



Tgt Ion:107 Resp: 197909

Ion Ratio Lower Upper

107 100

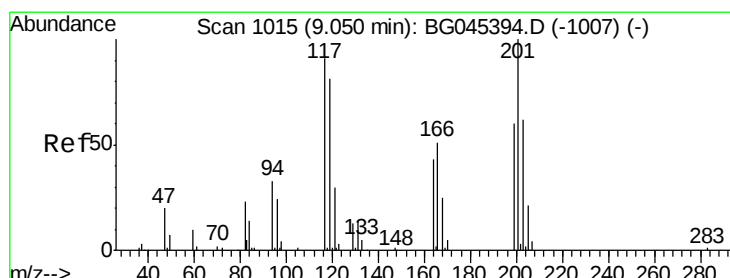
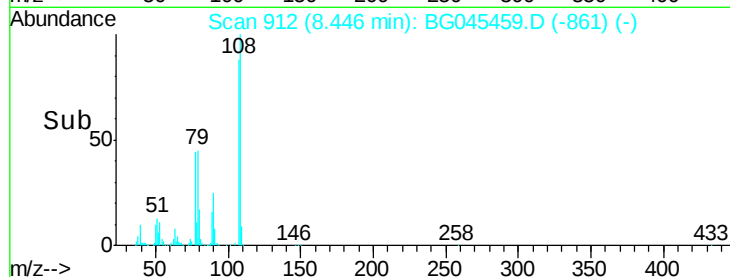
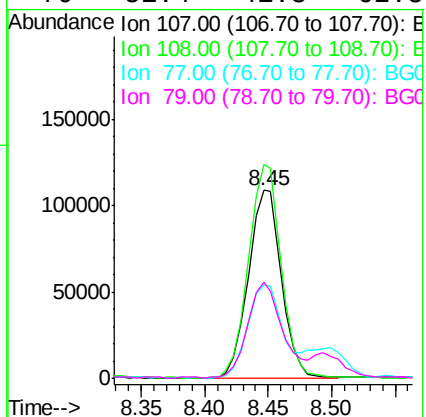
108 113.8 85.2 127.8

77 49.6 41.6 62.4

79 51.4 41.8 62.8

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#18

Hexachloroethane

Concen: 47.95 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

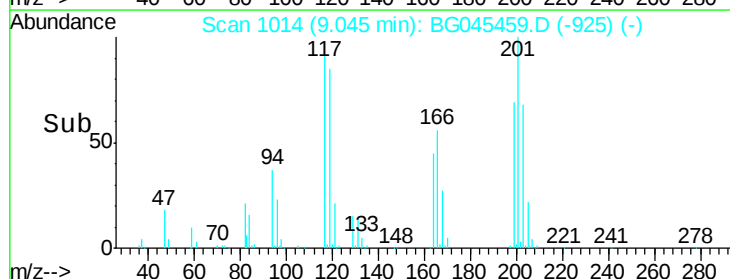
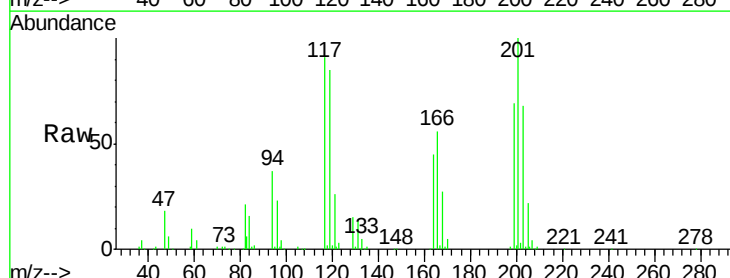
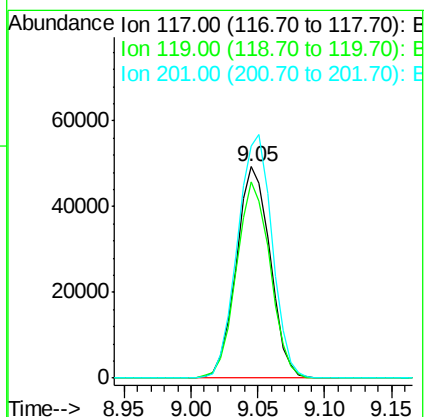
Tgt Ion:117 Resp: 86485

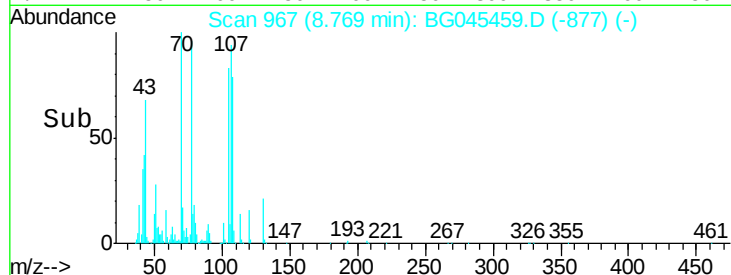
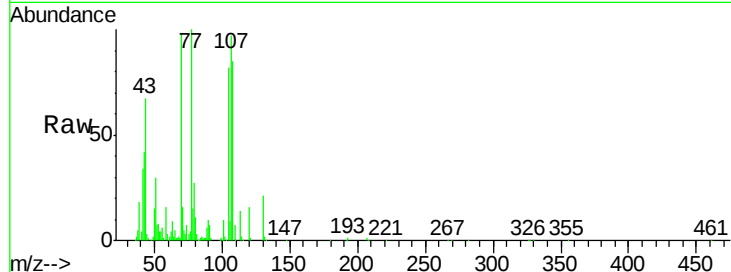
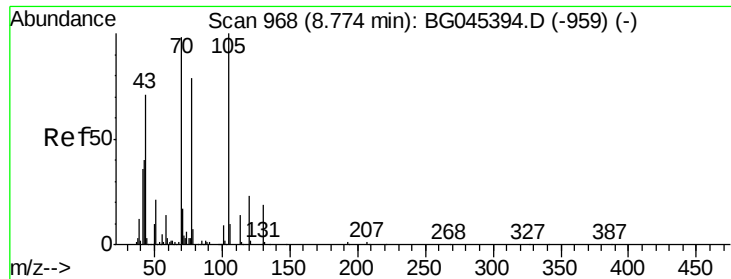
Ion Ratio Lower Upper

117 100

119 93.0 71.3 106.9

201 110.0 87.5 131.3





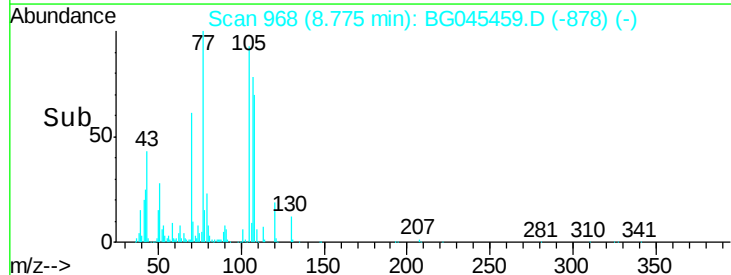
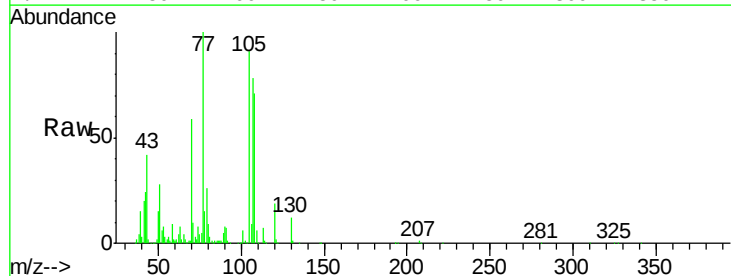
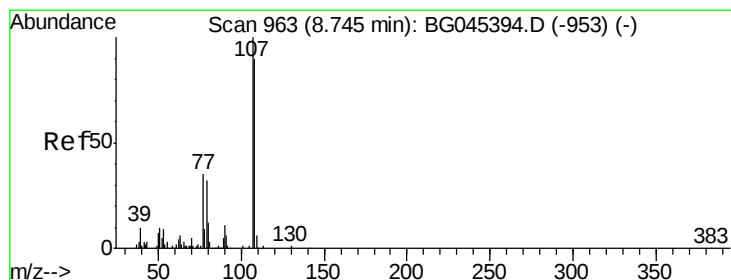
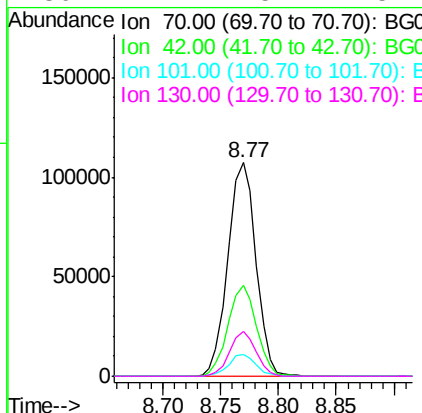
#19
n-Nitroso-di-n-propylamine
Concen: 50.78 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	180962		
42	42.4	33.2	49.8	
101	9.9	7.8	11.6	
130	21.2	15.4	23.2	

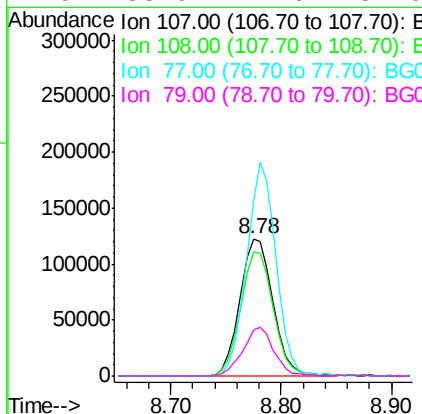
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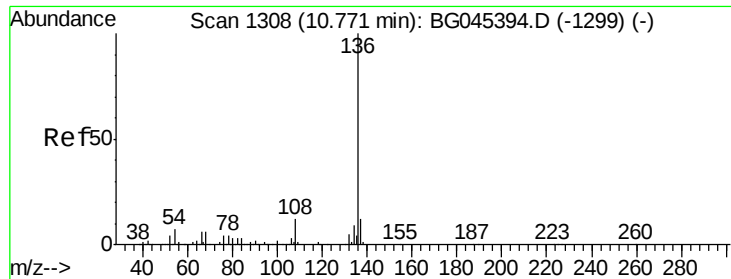
mohammad
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#20
3+4-Methylphenols
Concen: 47.54 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	257368		
108	90.5	70.3	110.3	
77	128.1	15.4	55.4#	
79	33.9	12.6	52.6	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BG045459.D

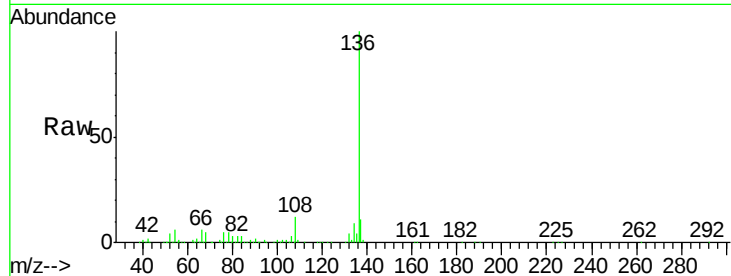
Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

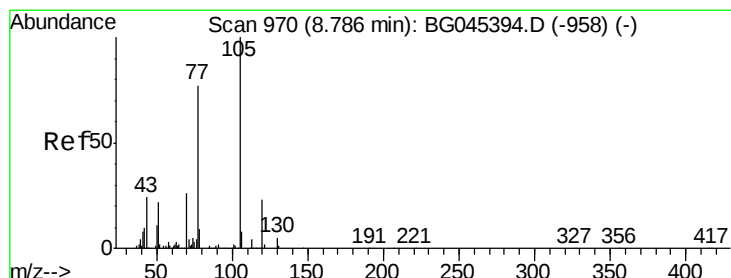
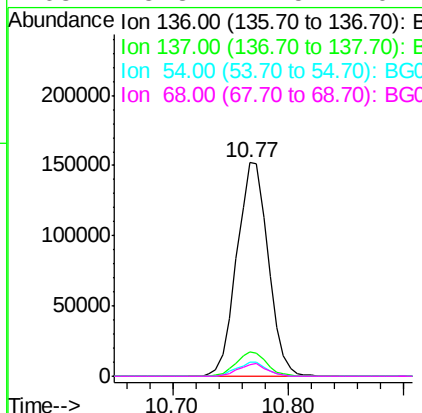
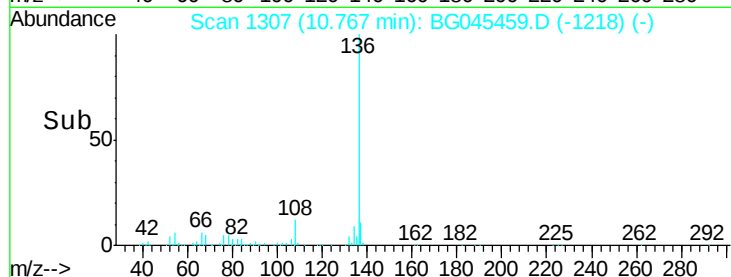
PB129080BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	286722		
137	11.4	9.4	14.2	
54	6.4	5.8	8.6	
68	5.3	4.5	6.7	

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#22

Acetophenone

Concen: 48.17 ng

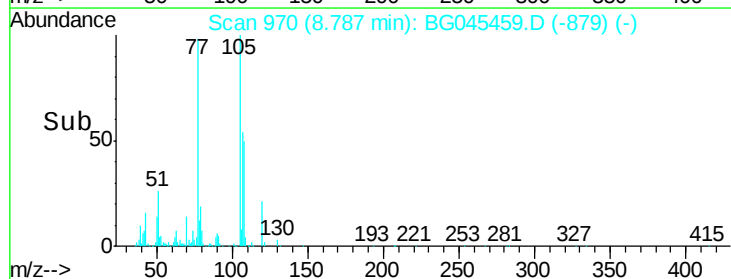
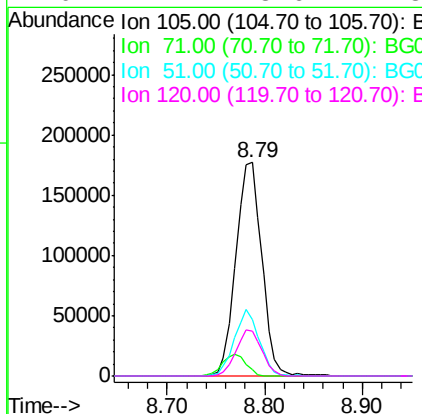
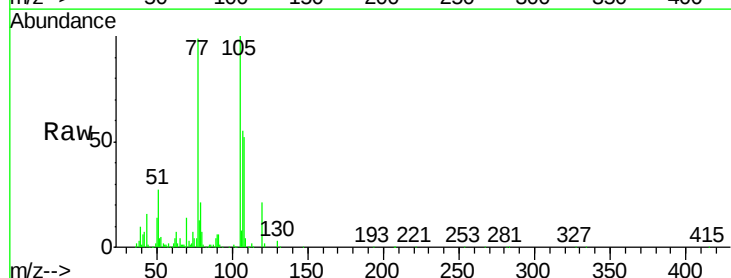
RT: 8.79 min Scan# 970

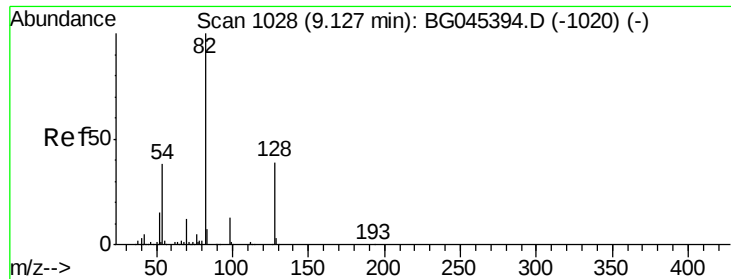
Delta R.T. 0.01 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	327339		
71	2.8	3.4	5.0#	
51	26.6	18.2	27.2	
120	21.1	18.6	27.8	





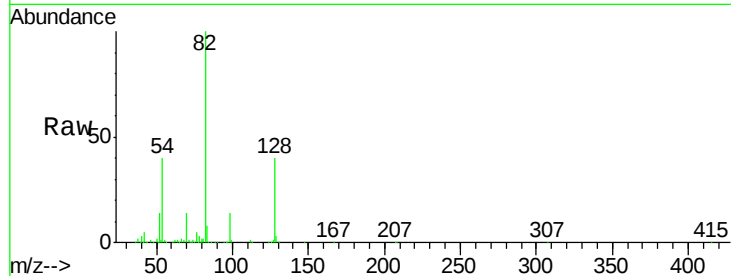
#23
 Nitrobenzene-d5
 Concen: 99.87 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

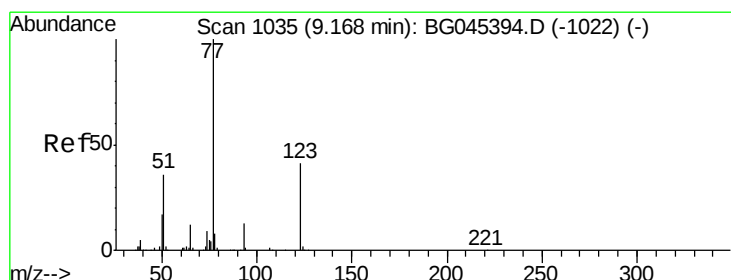
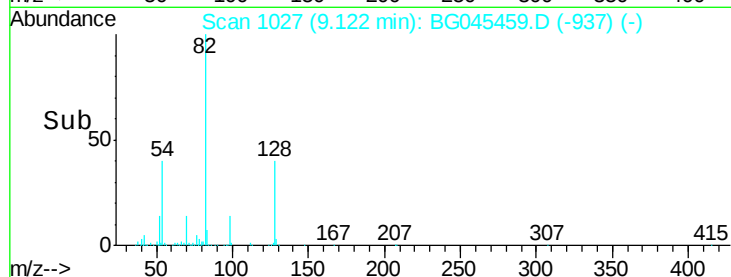
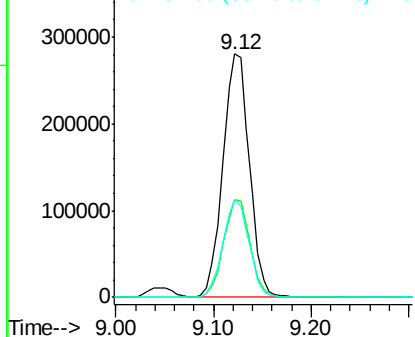
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	525087		
128	39.9	30.9	46.3	
54	40.1	30.3	45.5	

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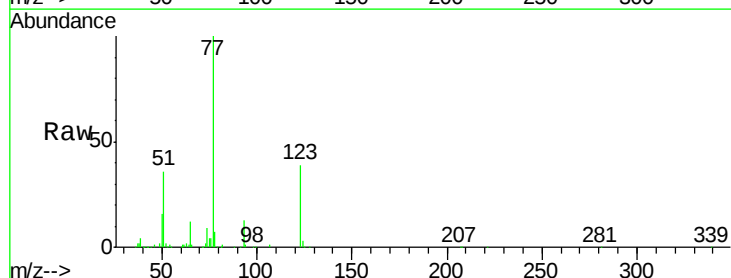


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

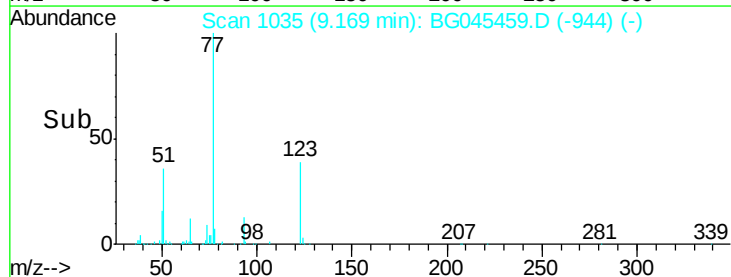
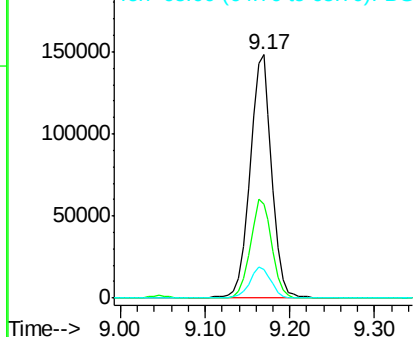


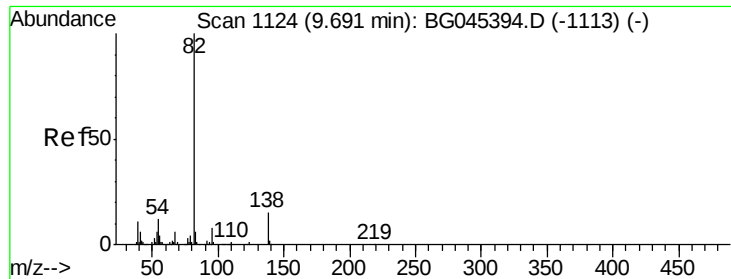
#24
 Nitrobenzene
 Concen: 46.80 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	263646		
123	38.5	32.9	49.3	
65	11.9	9.4	14.2	



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 47.83 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

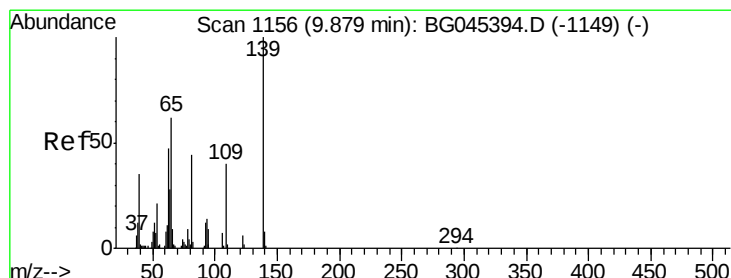
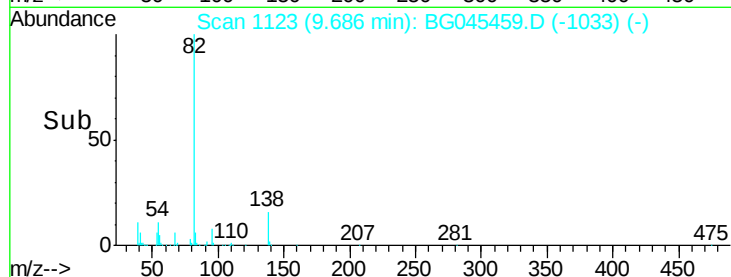
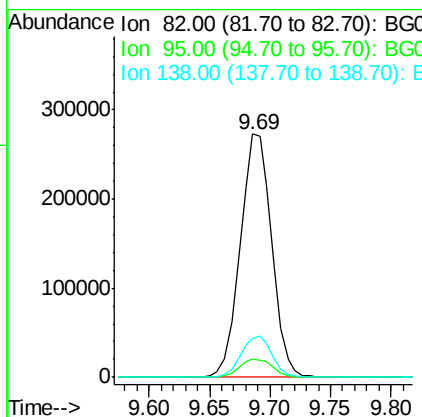
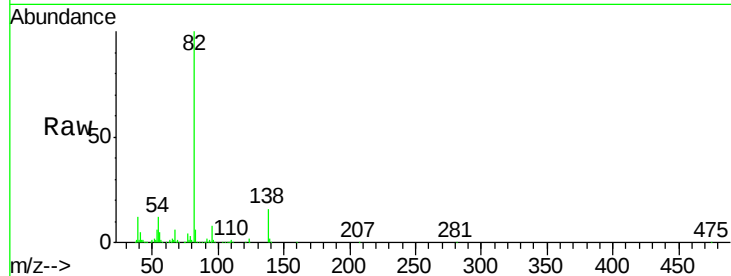
ClientSampleId :

PB129080BS

Tgt Ion:	82	Resp:	495253
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.7	10.1
138	15.9	12.2	18.4

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#26

2-Nitrophenol

Concen: 50.97 ng

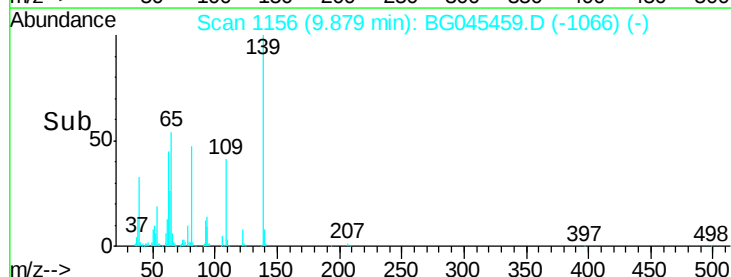
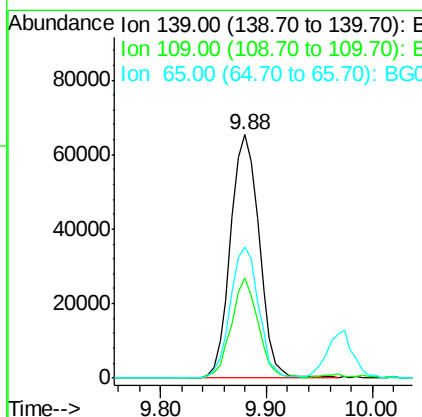
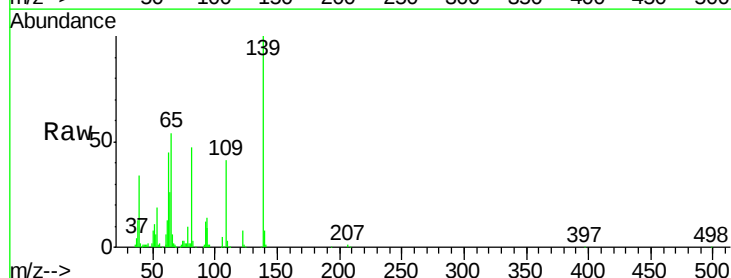
RT: 9.88 min Scan# 1156

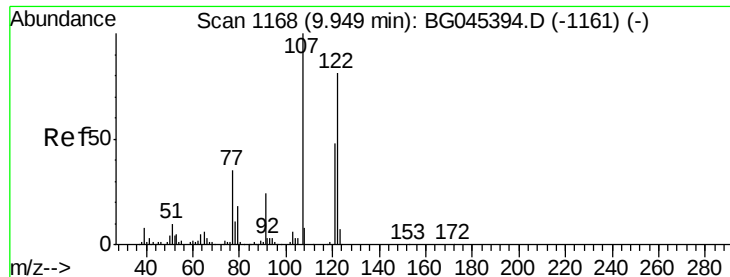
Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion:	139	Resp:	122828
Ion Ratio	Lower	Upper	
139	100		
109	41.0	32.2	48.4
65	53.5	49.6	74.4





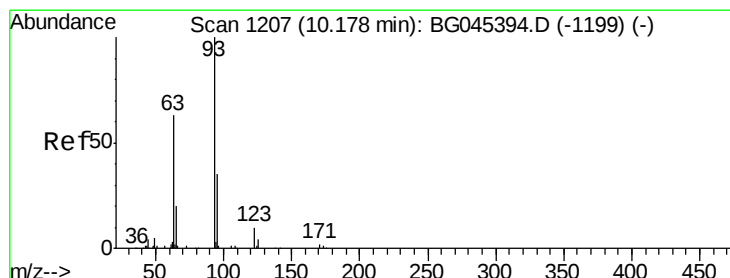
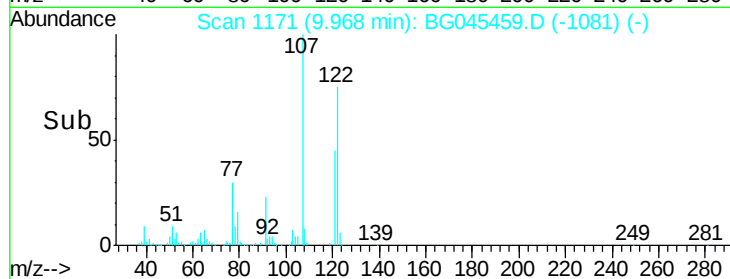
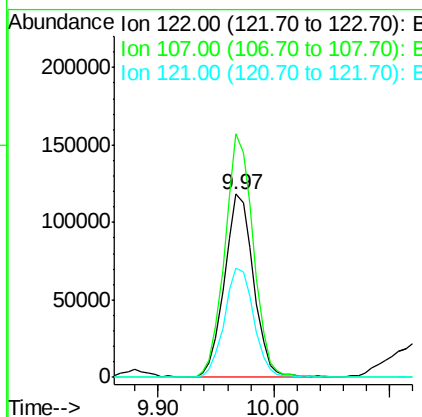
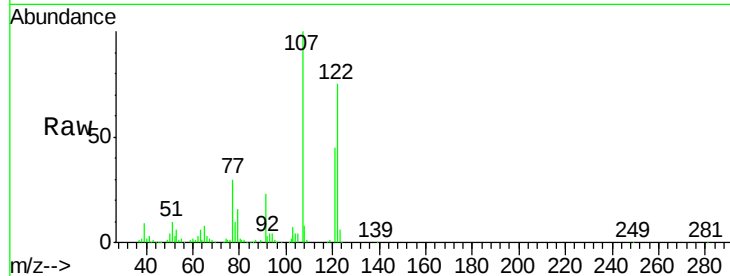
#27
2,4-Dimethylphenol
Concen: 57.95 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	207124		
107	133.0	99.0	148.4	
121	59.5	47.7	71.5	

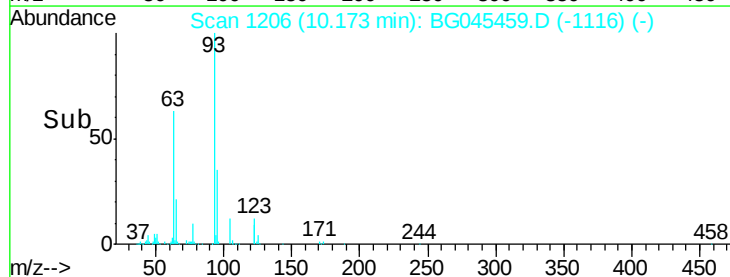
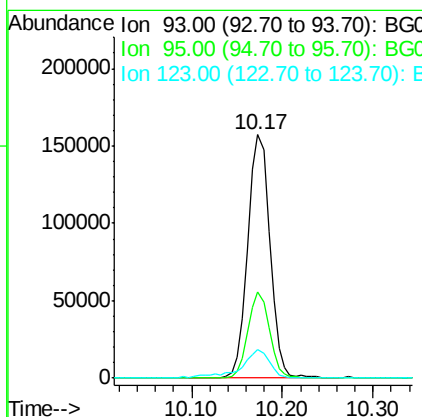
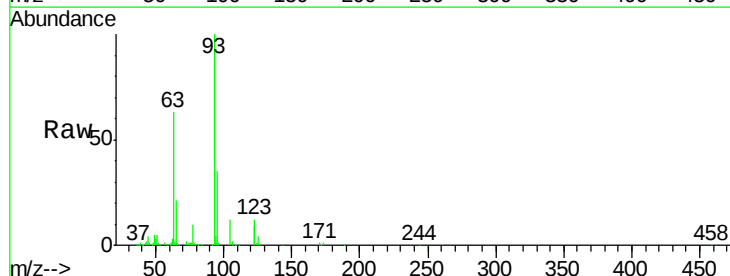
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#28
bis(2-Chloroethoxy)methane
Concen: 49.38 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	268181		
95	35.2	27.6	41.4	
123	11.8	8.1	12.1	





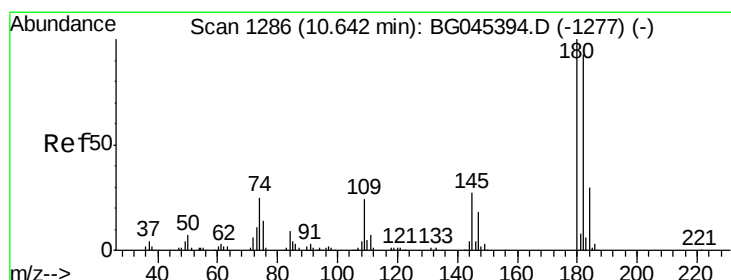
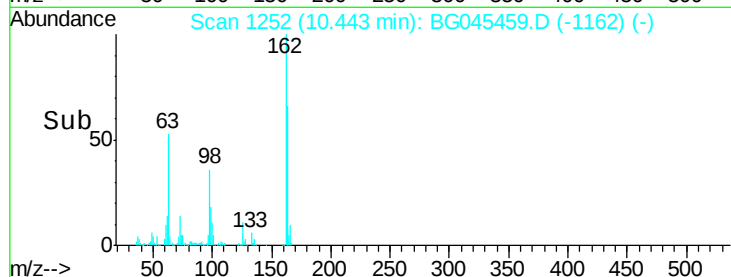
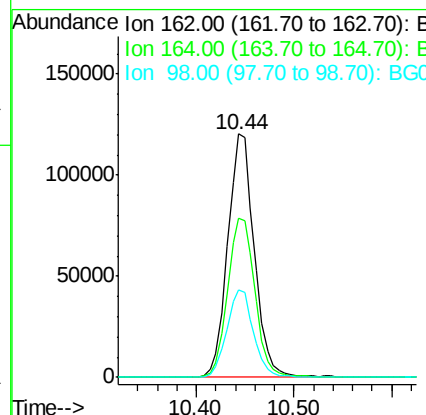
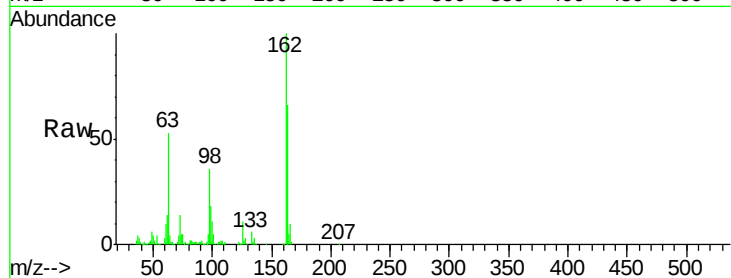
#29
 2,4-Dichlorophenol
 Concen: 53.82 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.6	46.8	86.8
98	36.2	15.2	55.2

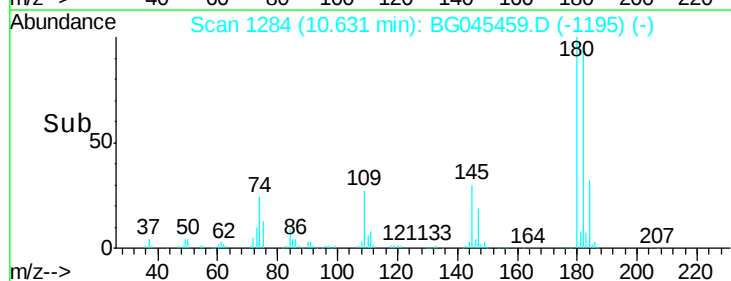
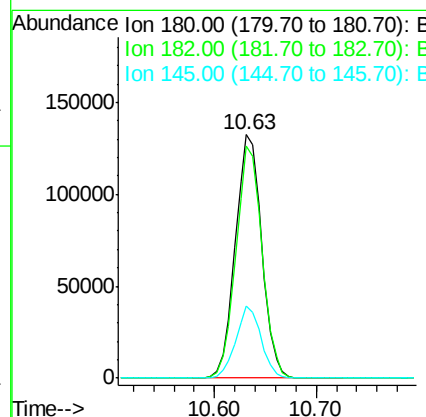
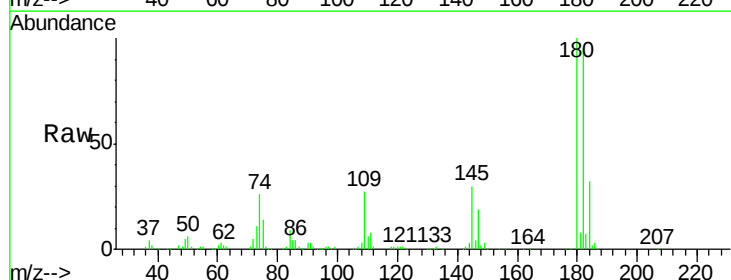
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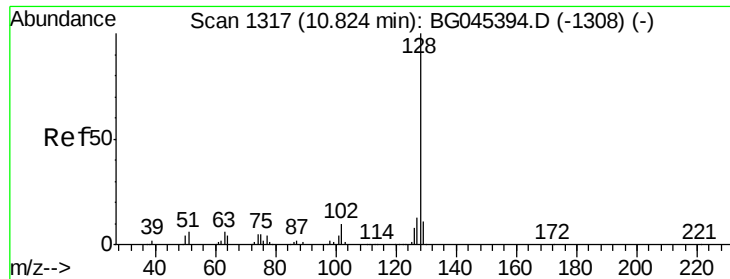
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.90 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	74.8	112.2
145	29.6	21.9	32.9





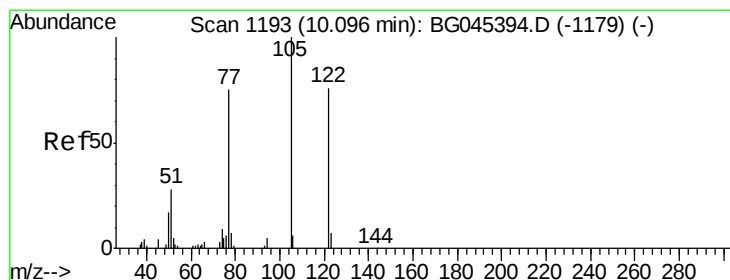
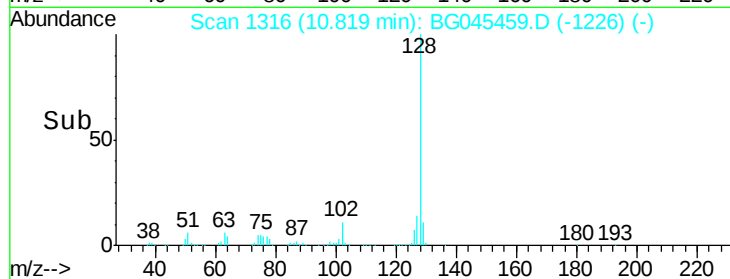
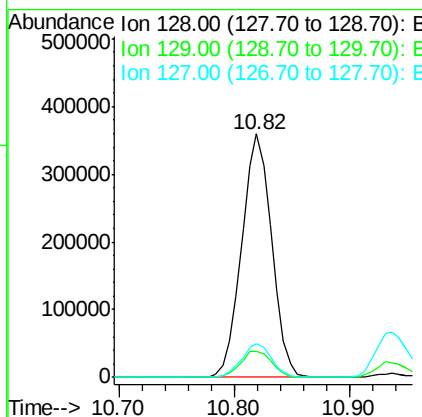
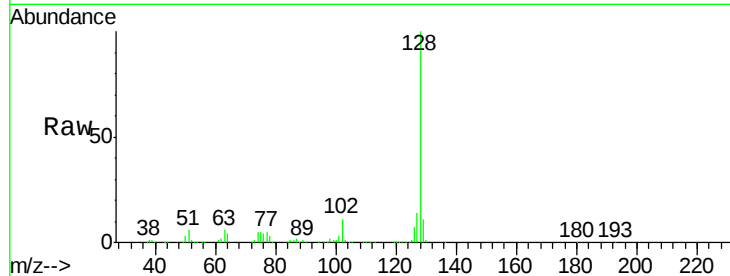
#31
Naphthalene
Concen: 48.54 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.5	9.0	13.6
127	14.1	10.7	16.1

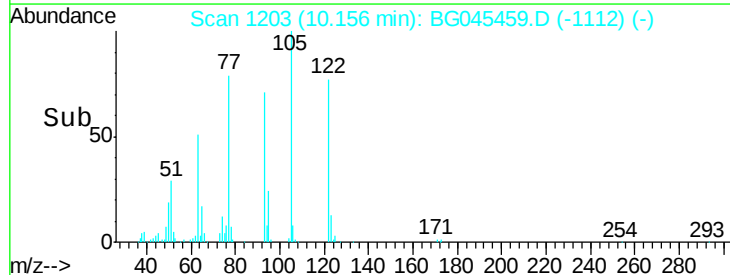
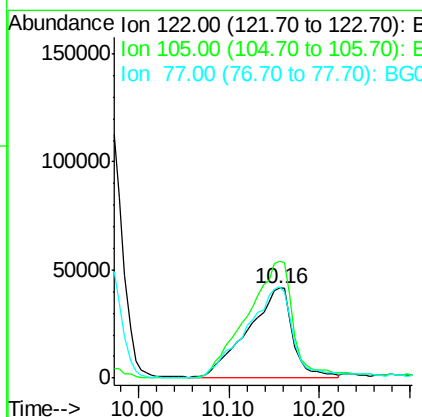
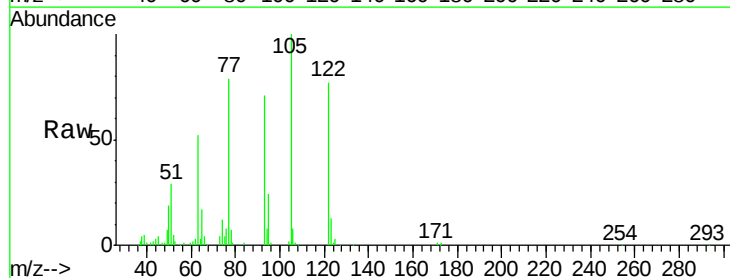
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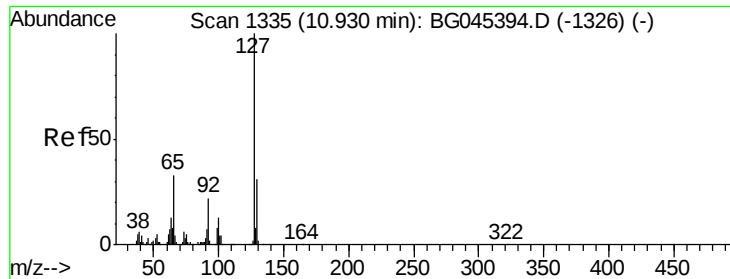
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#32
Benzoic acid
Concen: 56.02 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	130.1	107.9	147.9
77	102.1	78.9	118.9





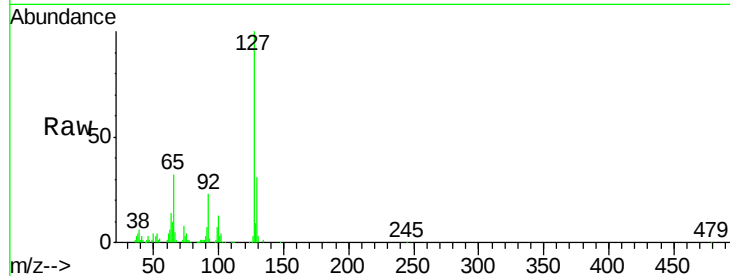
#33
4-Chloroaniline
Concen: 24.66 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

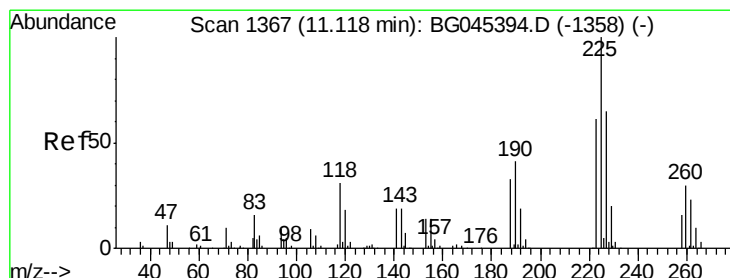
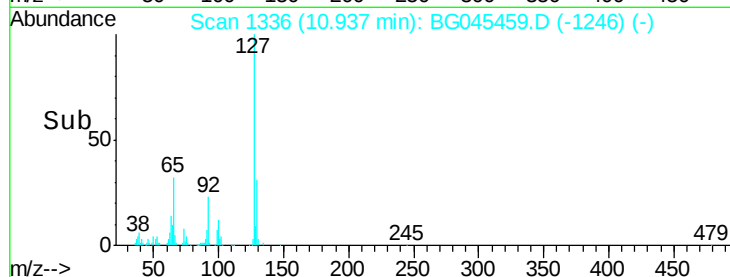
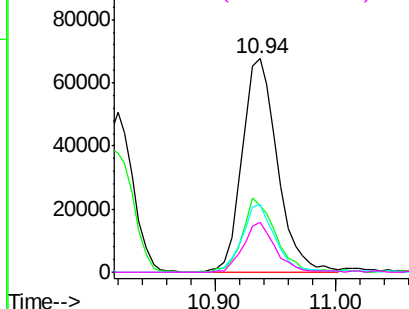
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	137737		
129	31.2	24.7	37.1	
65	31.9	26.2	39.2	
92	23.2	17.9	26.9	

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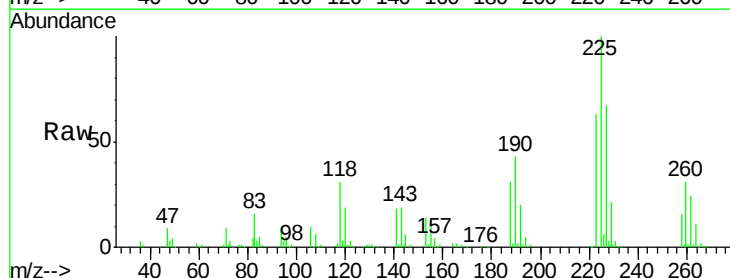


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

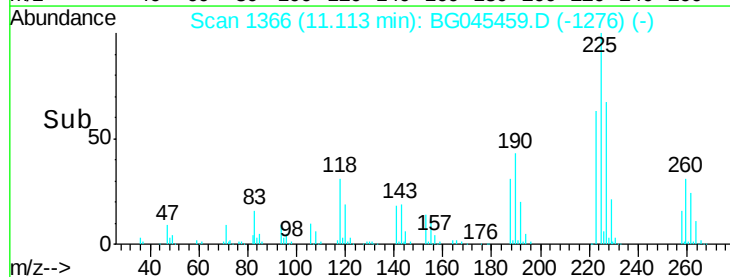
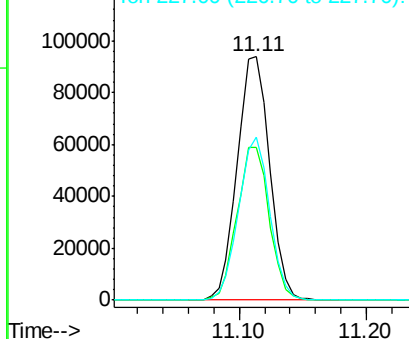


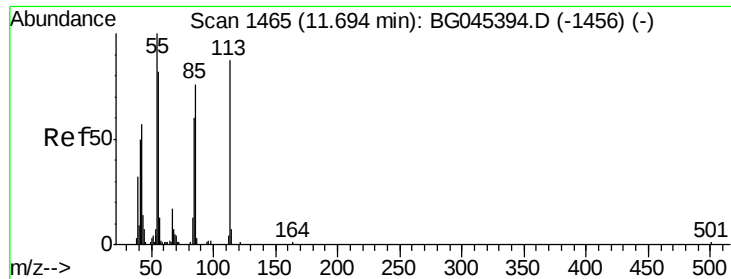
#34
Hexachlorobutadiene
Concen: 47.31 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166773		
223	62.8	49.1	73.7	
227	67.0	52.0	78.0	



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





#35

Caprolactam

Concen: 51.93 ng m

RT: 11.70 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

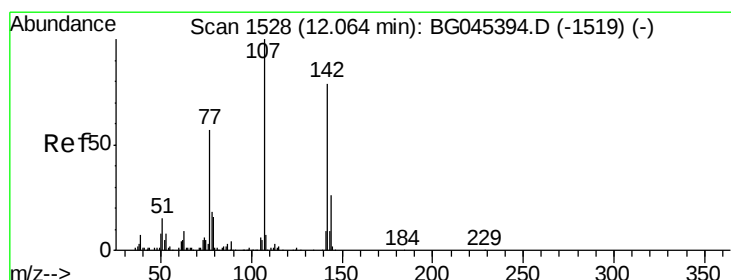
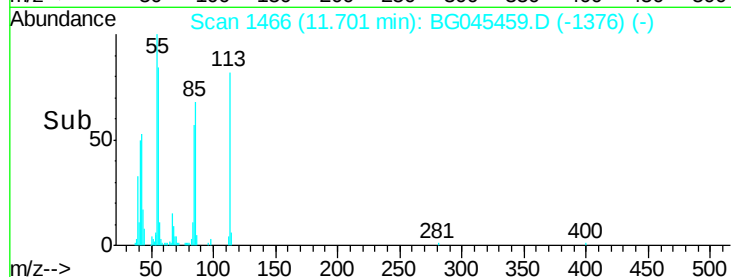
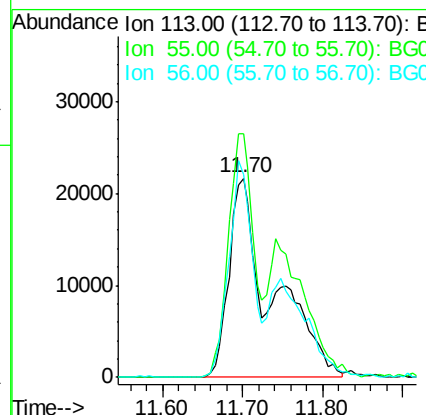
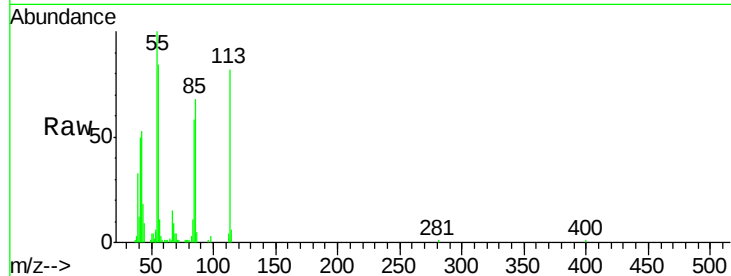
ClientSampleId :

PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	80457		
55	122.1	96.0	136.0	
56	102.0	75.1	115.1	

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#36

4-Chloro-3-methylphenol

Concen: 54.52 ng

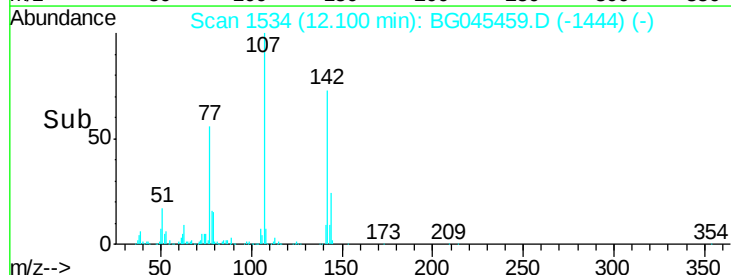
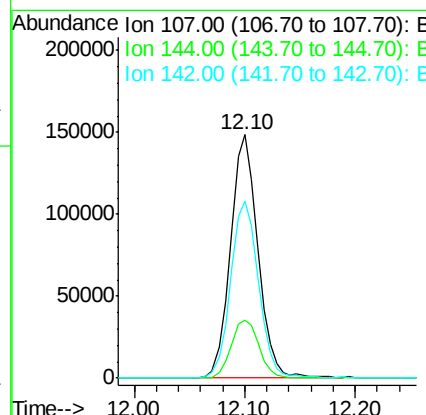
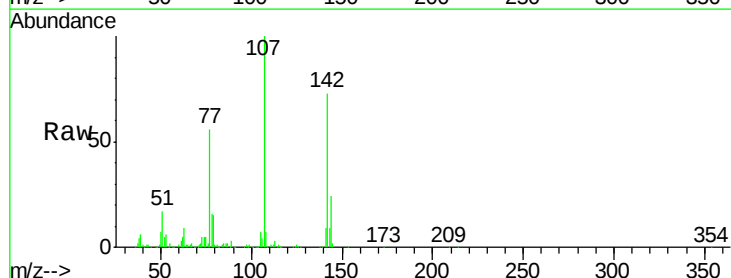
RT: 12.10 min Scan# 1534

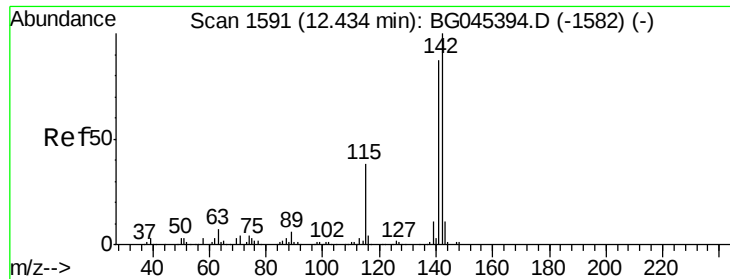
Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	259305		
144	23.7	20.8	31.2	
142	72.8	62.8	94.2	





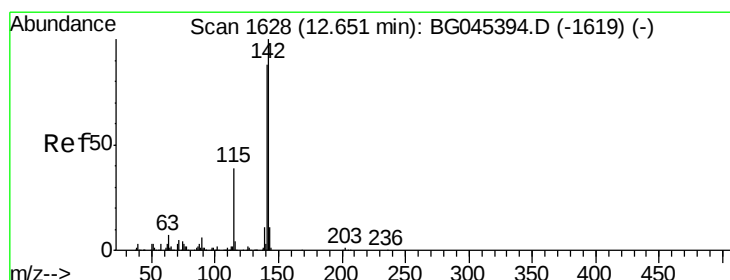
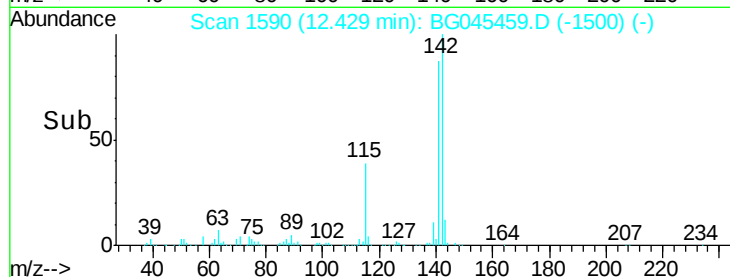
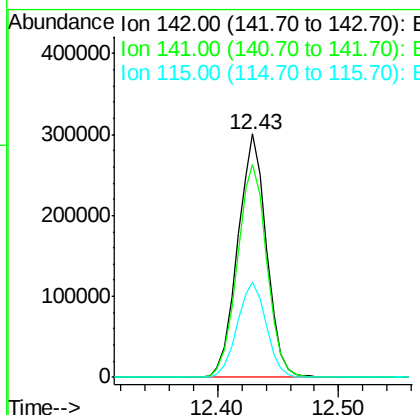
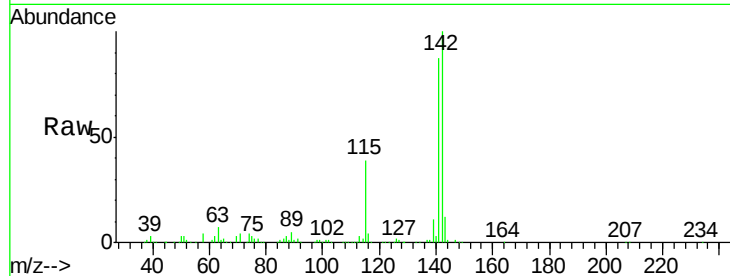
#37
2-Methylnaphthalene
Concen: 50.03 ng
RT: 12.43 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	498196		
141	87.5	70.0	105.0	
115	39.2	30.8	46.2	

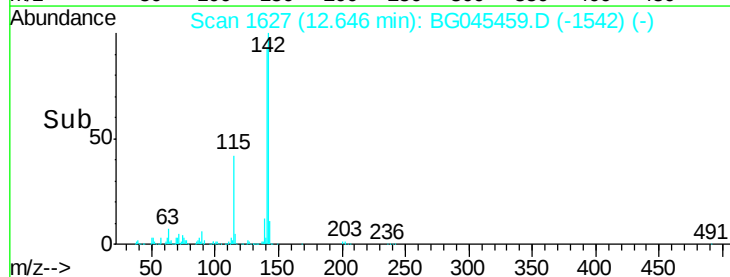
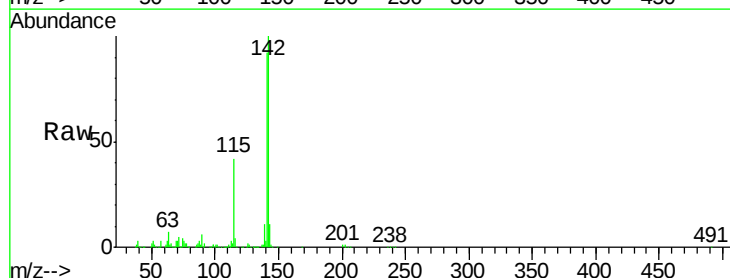
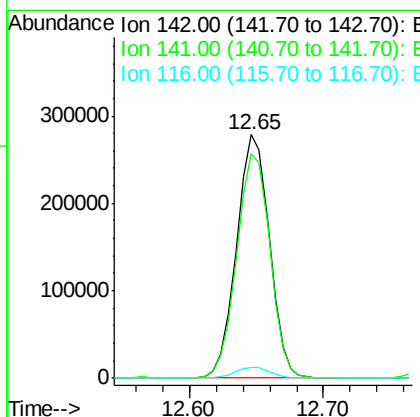
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#38
1-Methylnaphthalene
Concen: 50.48 ng
RT: 12.65 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	474889		
141	92.1	70.8	106.2	
116	4.5	3.0	4.6	





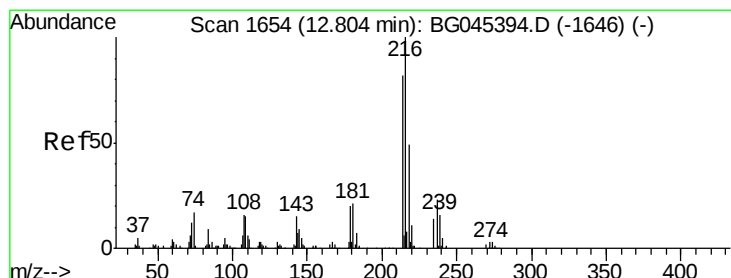
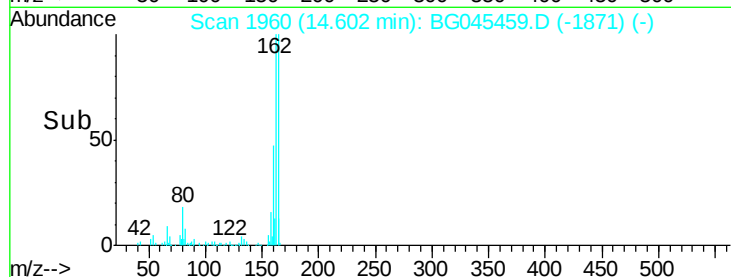
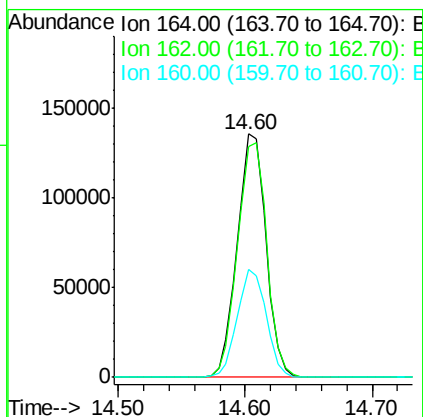
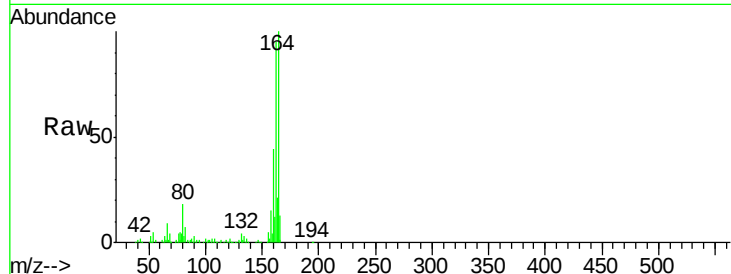
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	213403		
162	94.9	76.9	115.3	
160	44.2	33.8	50.8	

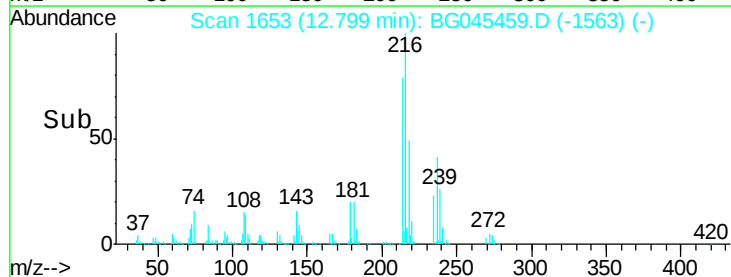
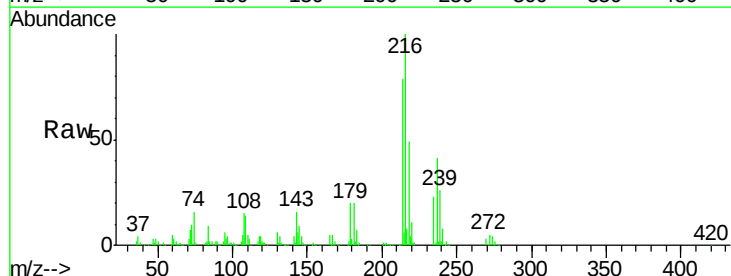
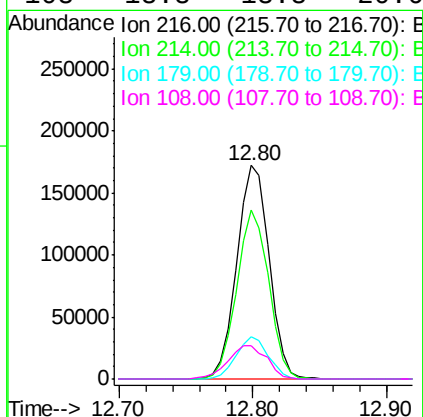
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.38 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	288354		
214	78.4	63.7	95.5	
179	19.5	16.1	24.1	
108	18.8	13.8	20.6	





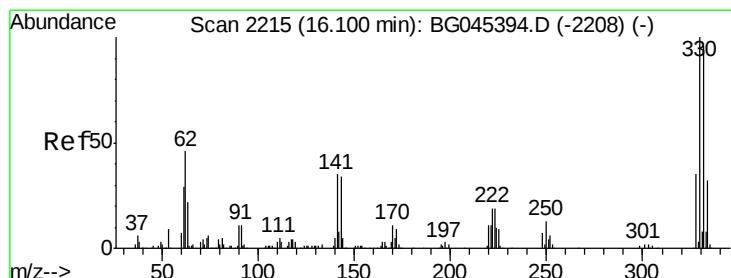
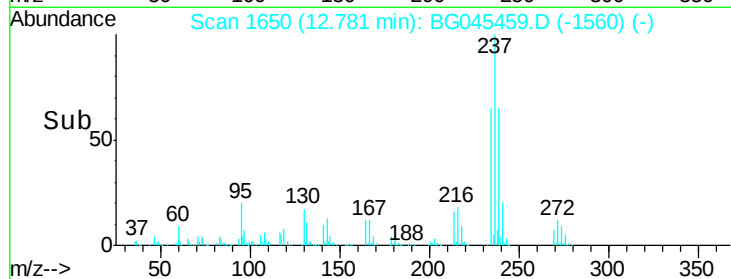
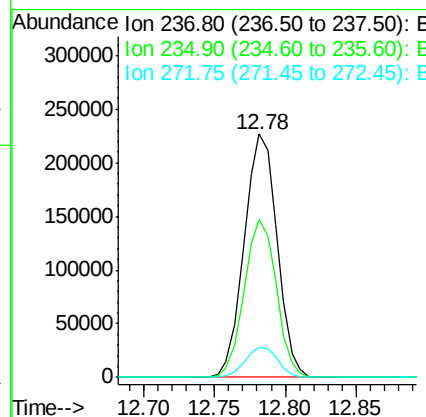
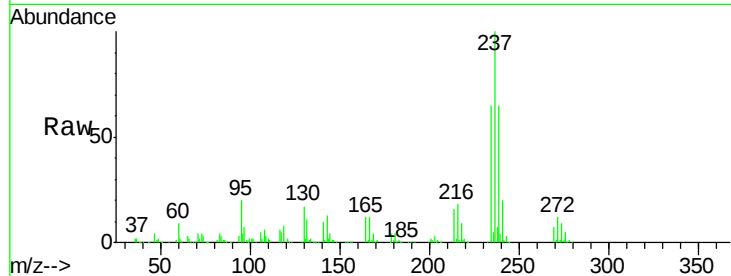
#41
Hexachlorocyclopentadiene
Concen: 107.55 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.9	44.4	84.4
272	12.1	0.0	32.5

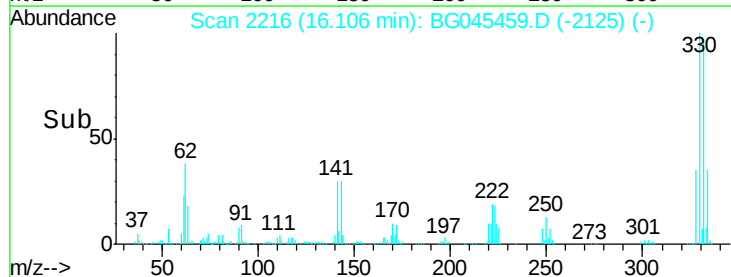
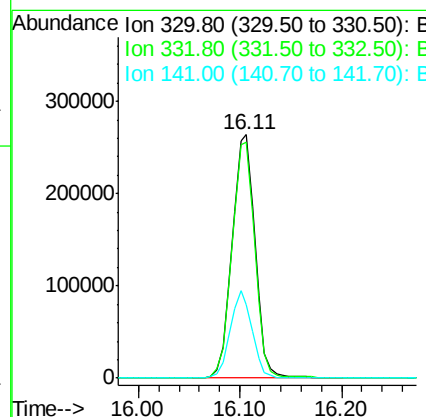
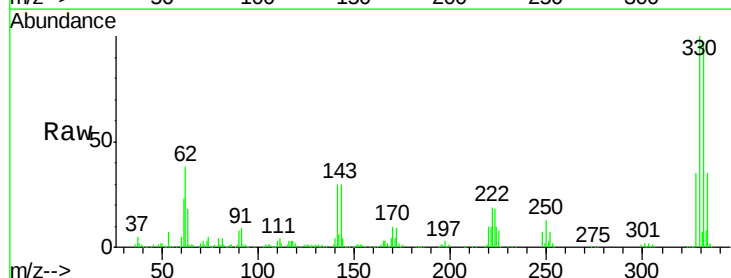
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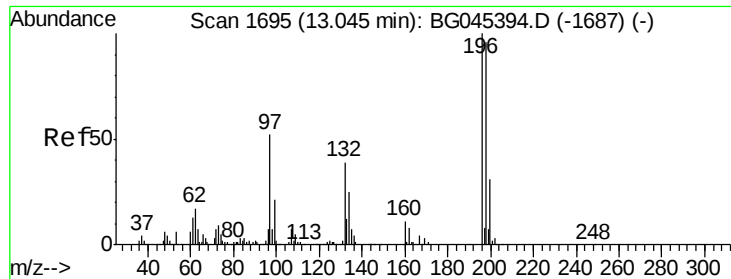
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#42
2,4,6-Tribromophenol
Concen: 151.75 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.8	78.2	117.4
141	34.3	28.2	42.4





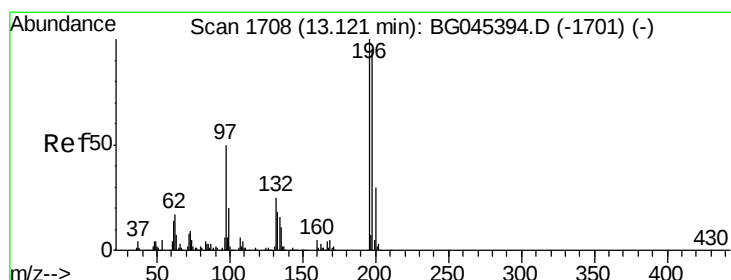
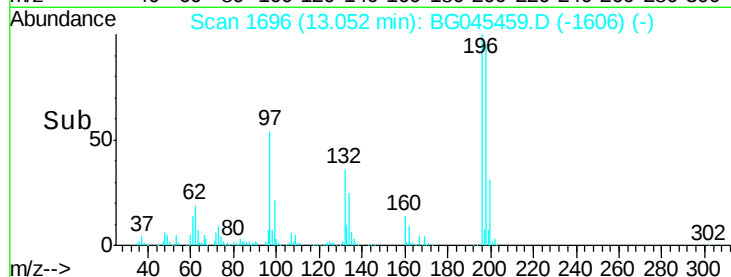
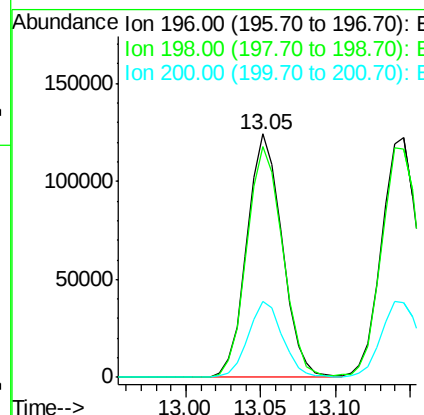
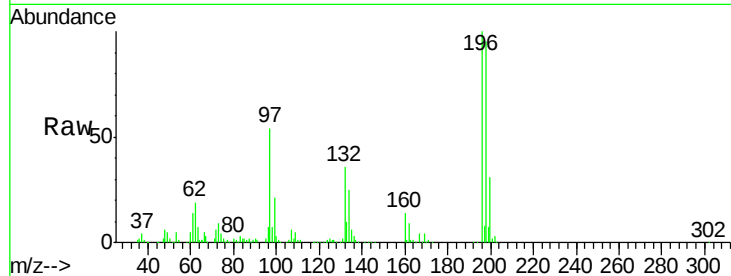
#43
 2,4,6-Trichlorophenol
 Concen: 49.14 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203487		
198	94.6	76.7	115.1	
200	31.3	24.9	37.3	

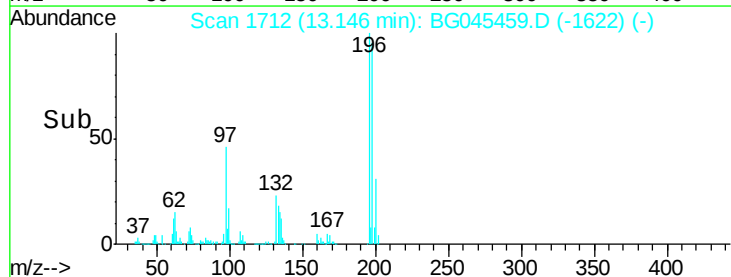
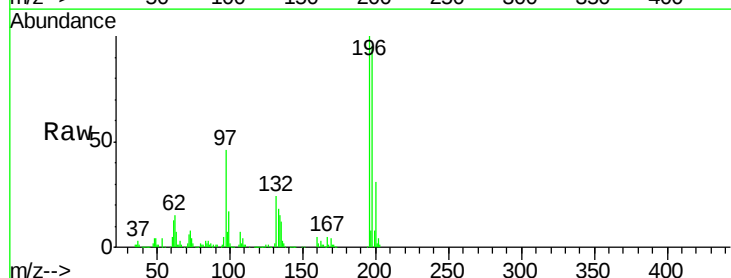
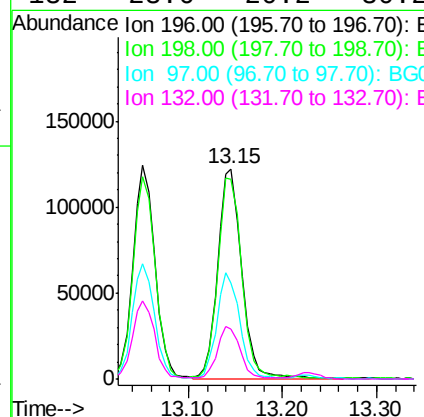
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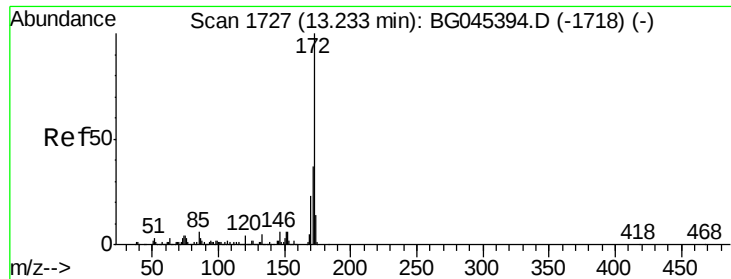
mohammad
 5/27/2020 11:48:32 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.06 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	217926		
198	95.4	76.1	114.1	
97	45.7	40.0	60.0	
132	23.6	20.2	30.2	





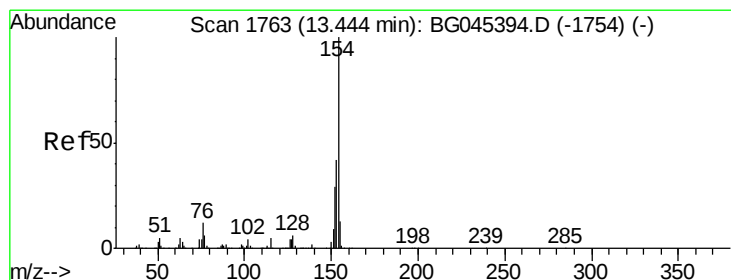
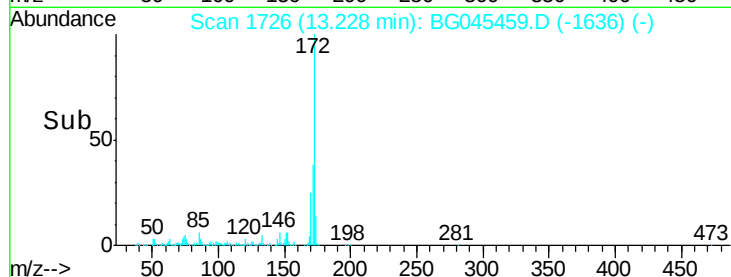
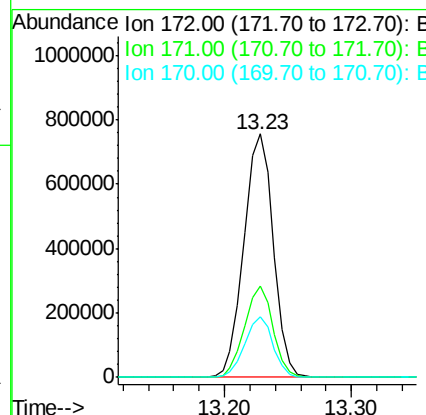
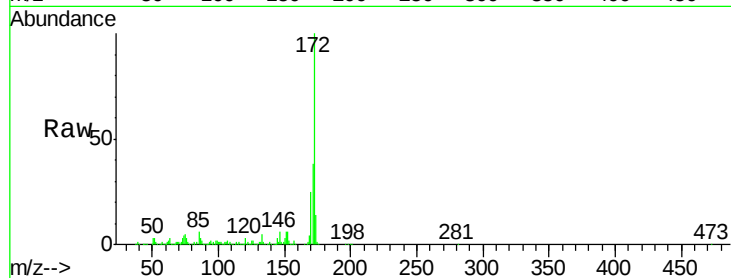
#45
 2-Fluorobiphenyl
 Concen: 96.57 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.5	44.3
170	24.6	18.5	27.7

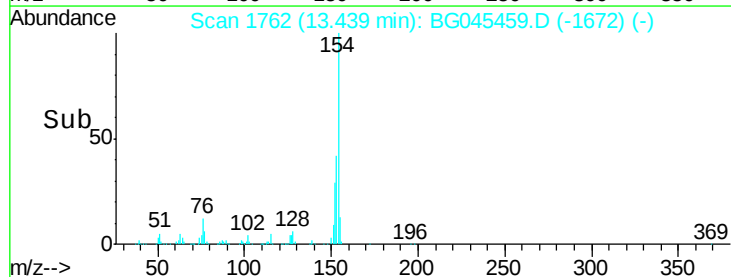
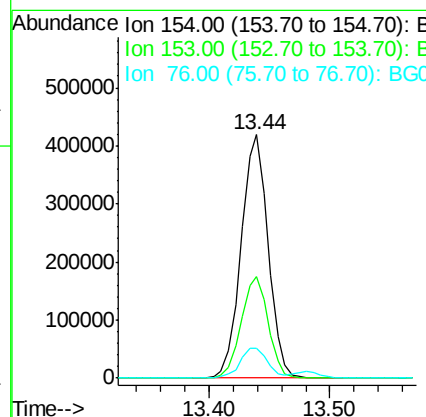
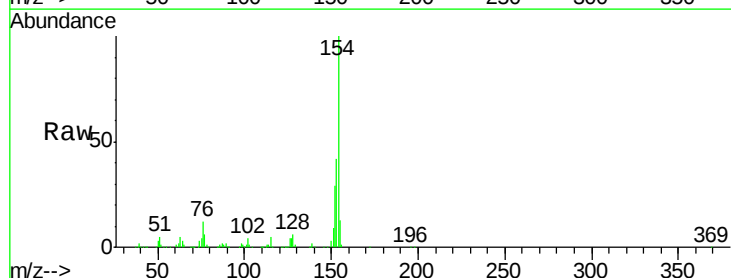
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#46
 1,1'-Biphenyl
 Concen: 49.65 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.2	62.2
76	12.5	0.0	32.4





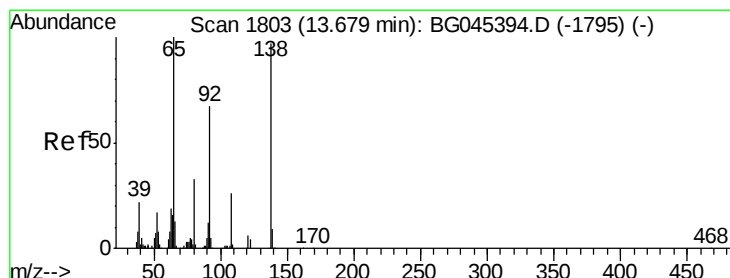
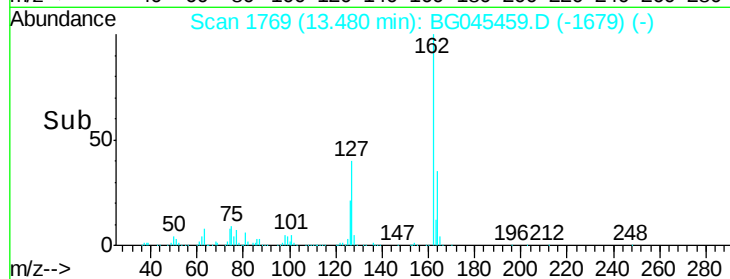
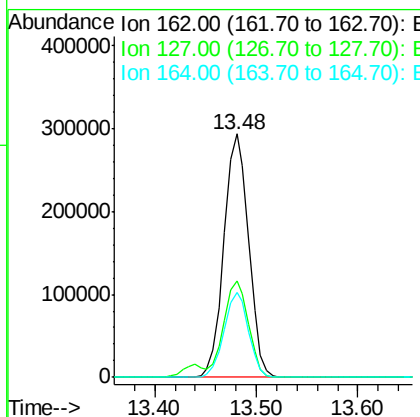
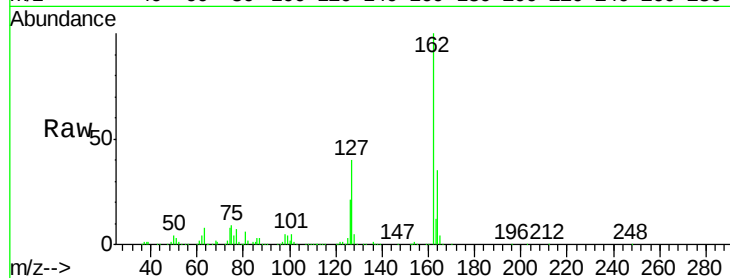
#47
2-Chloronaphthalene
Concen: 46.46 ng
RT: 13.48 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	494713		
127	39.6	31.6	47.4	
164	34.6	28.1	42.1	

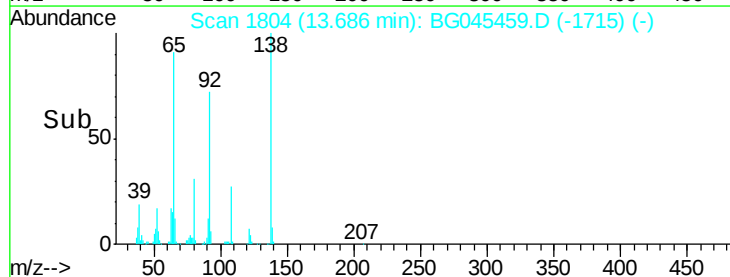
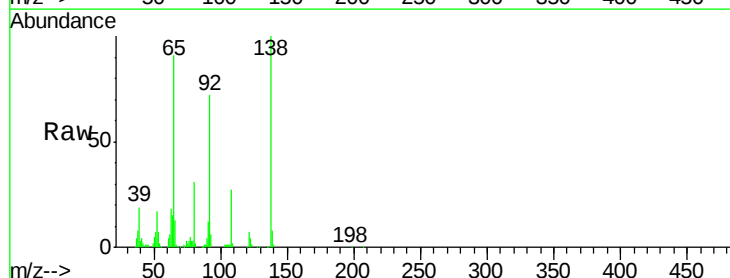
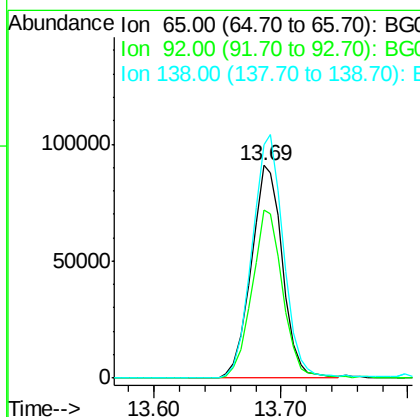
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#48
2-Nitroaniline
Concen: 44.64 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	156355		
92	79.3	53.8	80.8	
138	109.5	77.9	116.9	





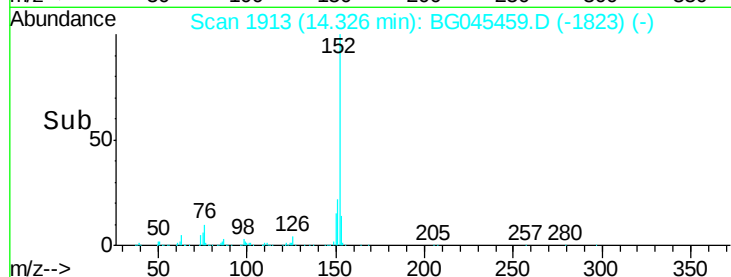
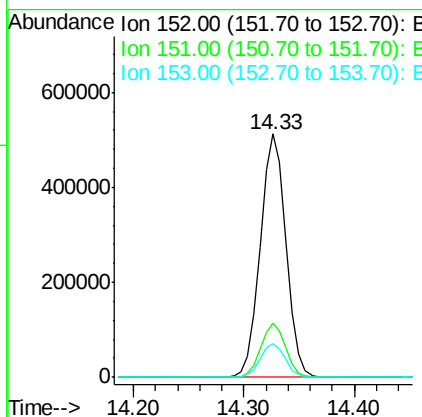
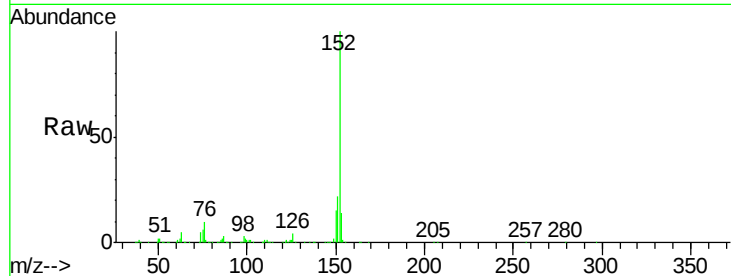
#49
Acenaphthylene
Concen: 48.85 ng
RT: 14.33 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	835433		
151	22.1		17.4	26.2
153	13.9		10.7	16.1

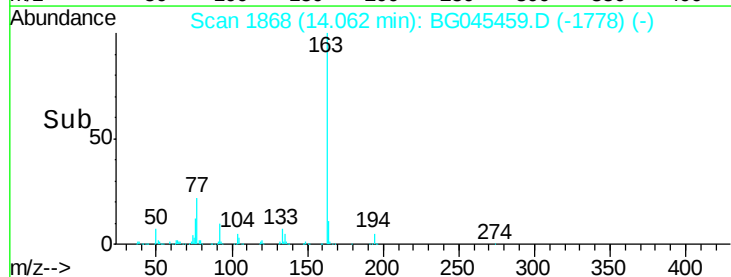
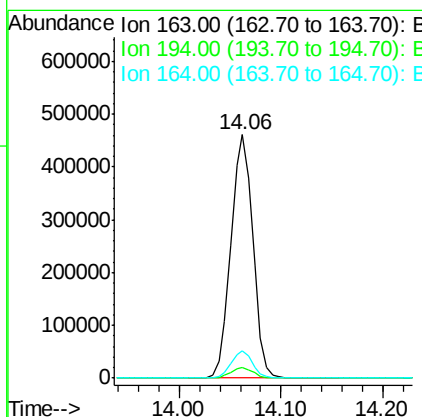
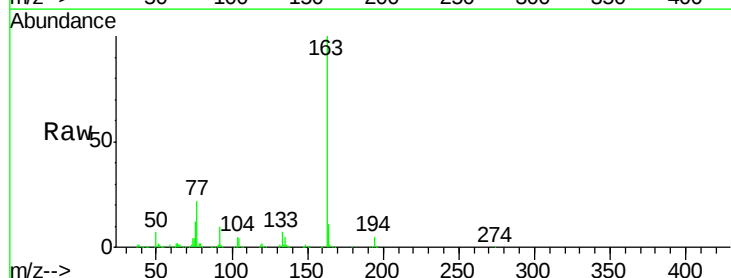
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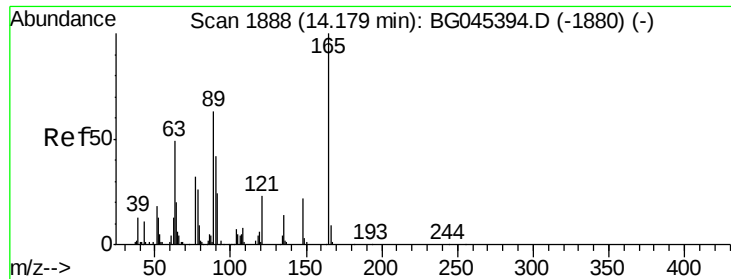
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#50
Dimethylphthalate
Concen: 47.31 ng
RT: 14.06 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	692533		
194	4.5		3.2	4.8
164	11.2		8.3	12.5





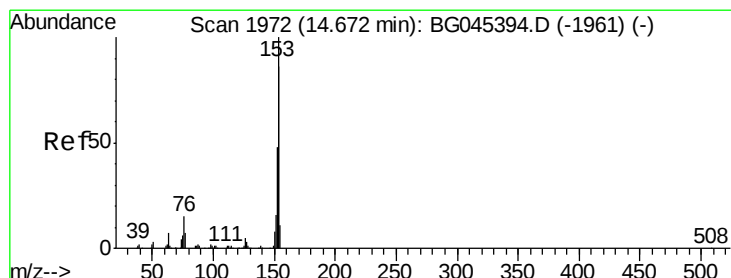
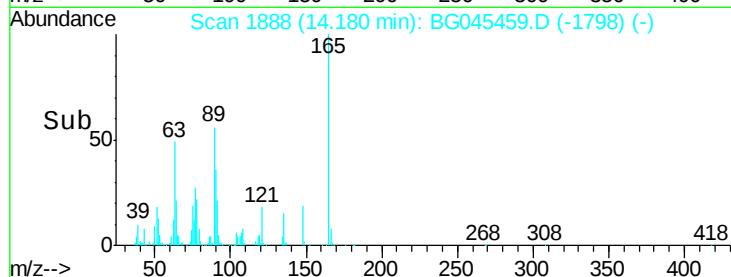
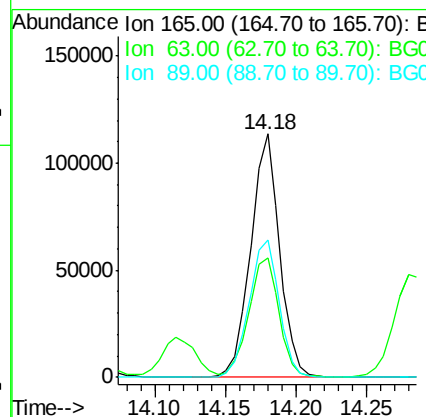
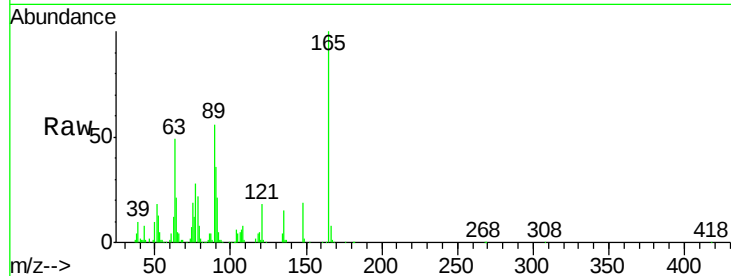
#51
 2,6-Dinitrotoluene
 Concen: 49.30 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	162854		
63	48.9	45.0	67.4	
89	56.4	50.2	75.4	

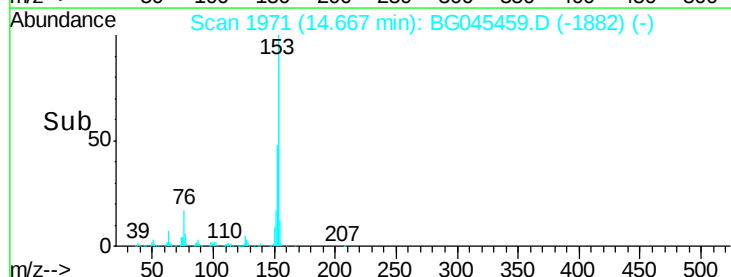
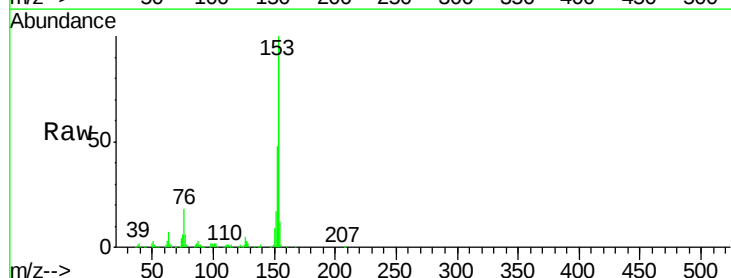
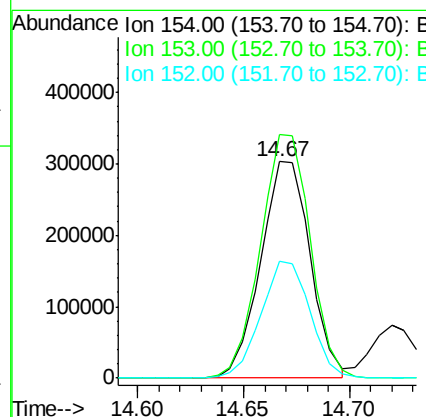
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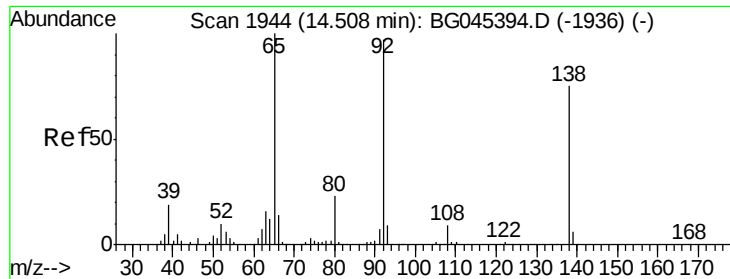
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#52
 Acenaphthene
 Concen: 43.01 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	492425		
153	112.5	92.8	139.2	
152	54.0	44.6	66.8	





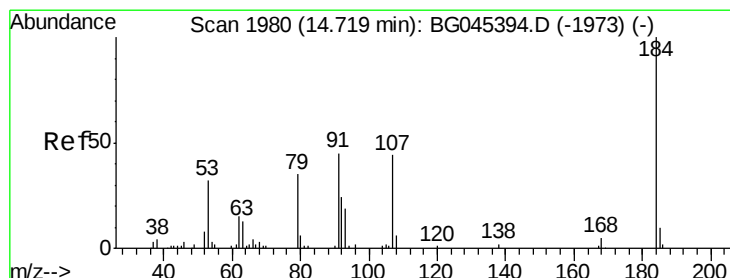
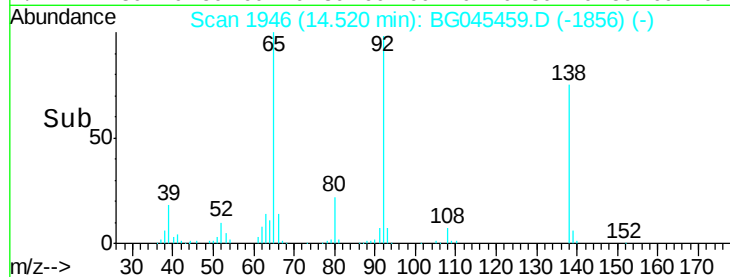
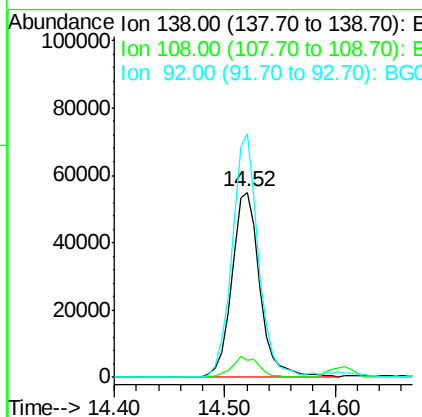
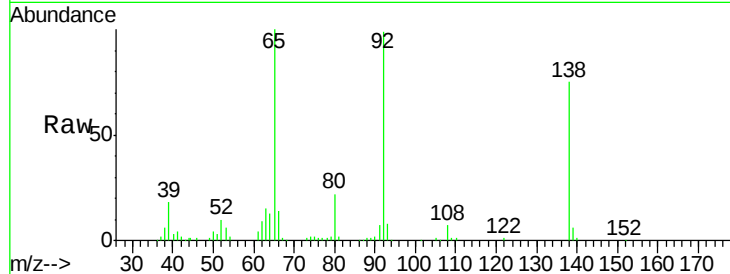
#53
3-Nitroaniline
Concen: 29.13 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampled :
PB129080BS

Tgt Ion:138 Resp: 97833
Ion Ratio Lower Upper
138 100
108 9.1 9.8 14.6#
92 131.8 103.0 154.4

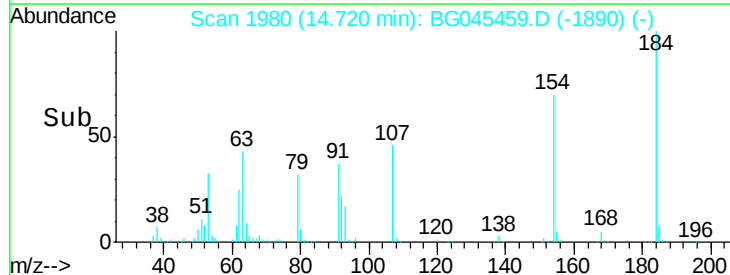
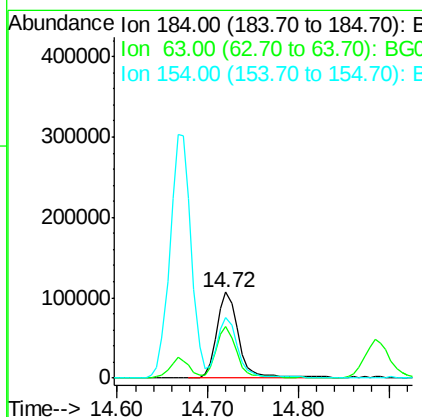
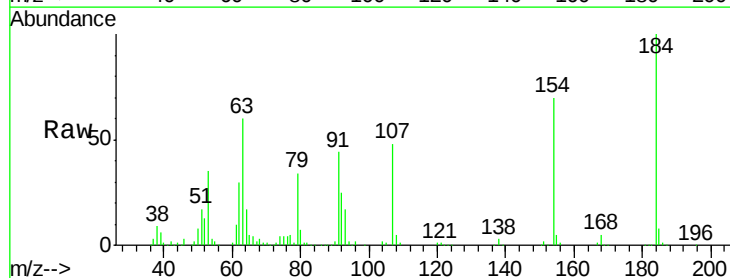
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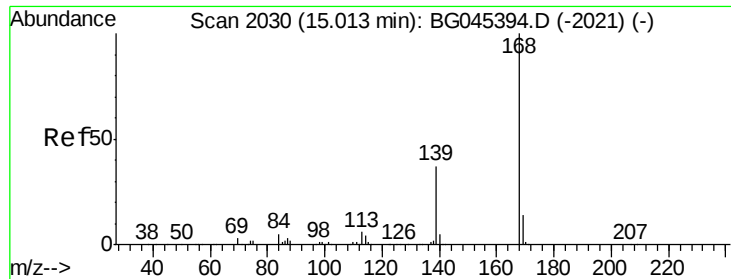
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#54
2,4-Dinitrophenol
Concen: 82.52 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion:184 Resp: 178974
Ion Ratio Lower Upper
184 100
63 60.1 47.8 71.6
154 69.9 58.3 87.5





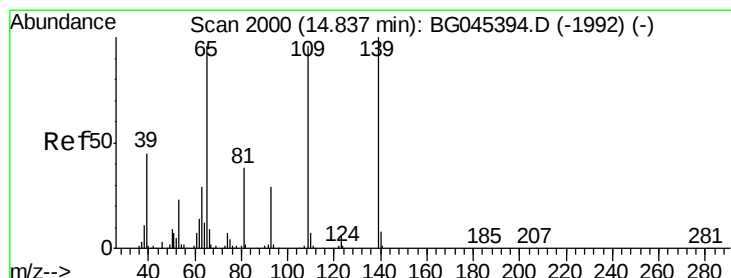
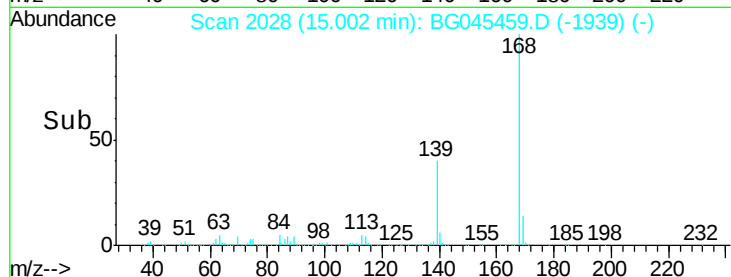
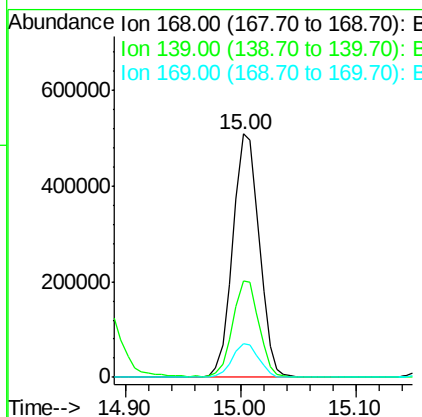
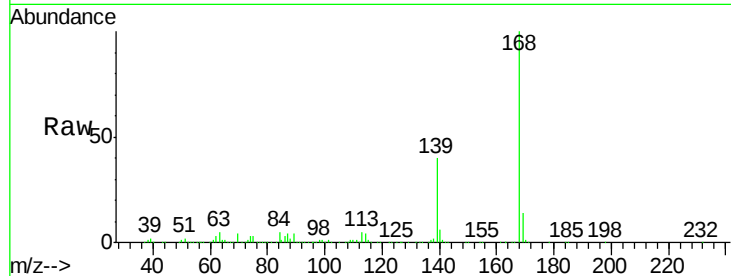
#55
Dibenzofuran
Concen: 47.62 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	809652		
139	39.8	29.9	44.9	
169	13.8	10.9	16.3	

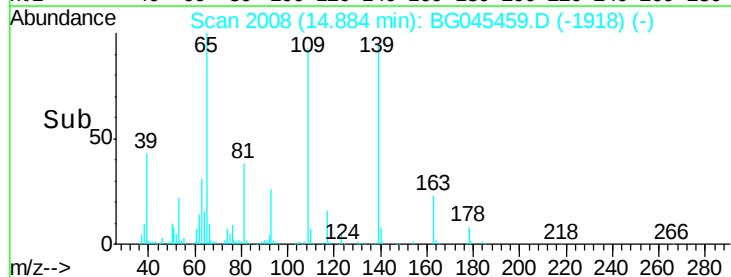
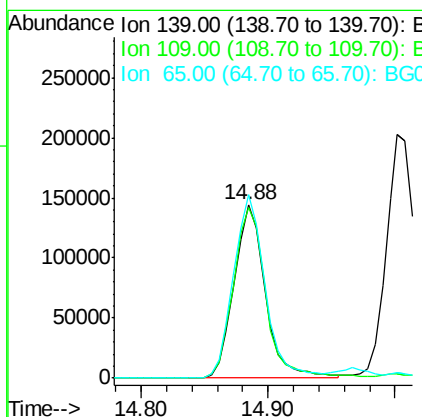
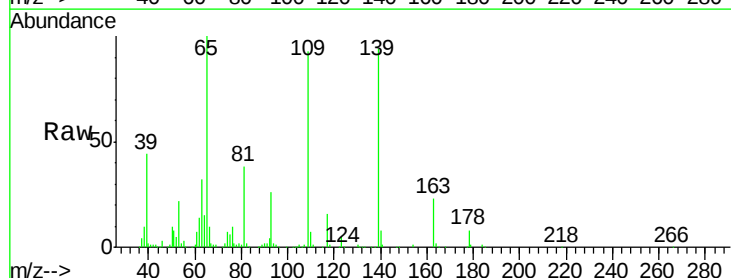
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#56
4-Nitrophenol
Concen: 96.97 ng
RT: 14.88 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	246530		
109	98.5	75.6	115.6	
65	105.8	76.8	116.8	





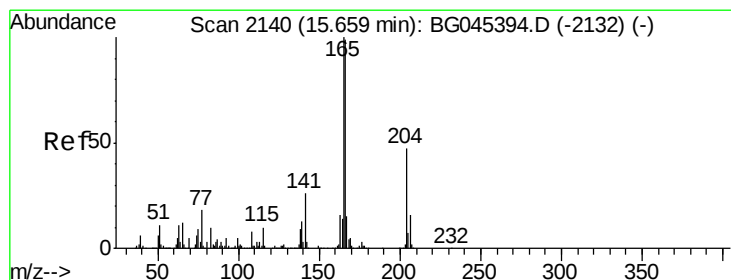
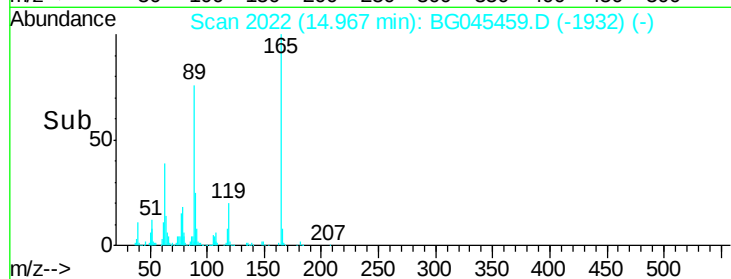
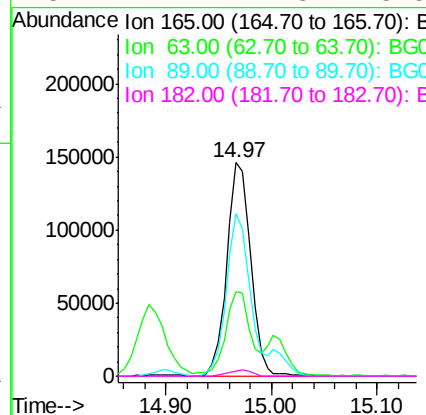
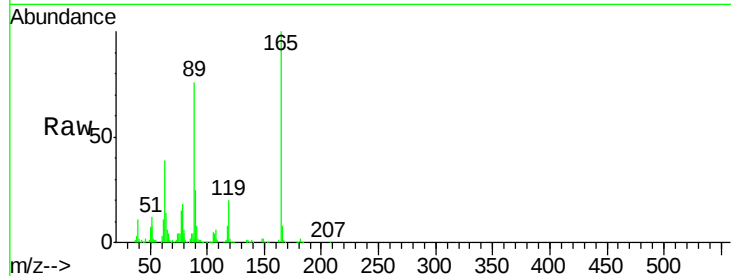
#57
2,4-Dinitrotoluene
Concen: 47.98 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	229558		
63	39.5	32.5	48.7	
89	76.2	61.8	92.6	
182	2.4	2.3	3.5	

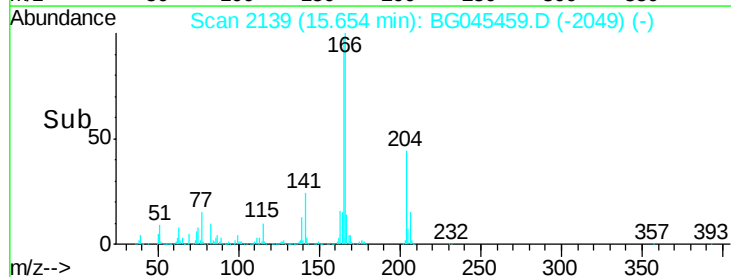
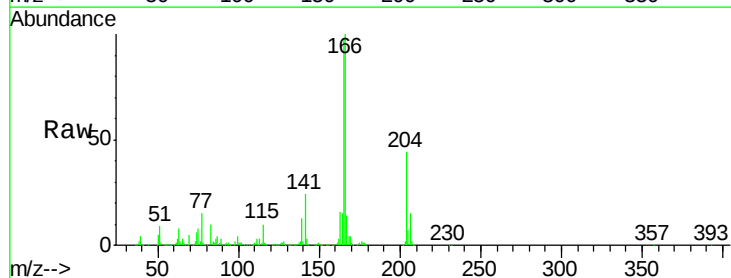
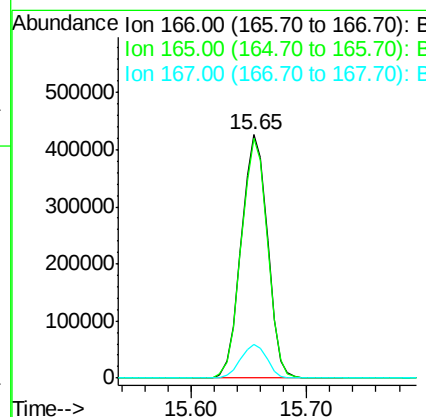
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#58
Fluorene
Concen: 47.92 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	669283		
165	98.3	80.8	121.2	
167	13.9	12.0	18.0	





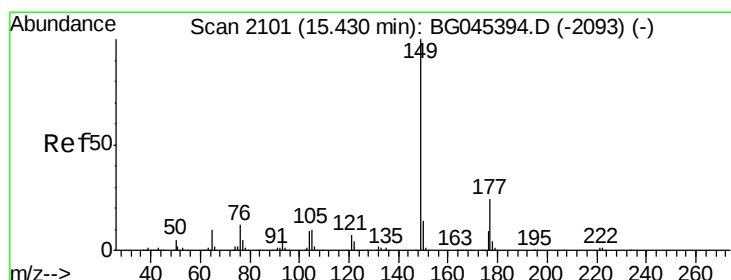
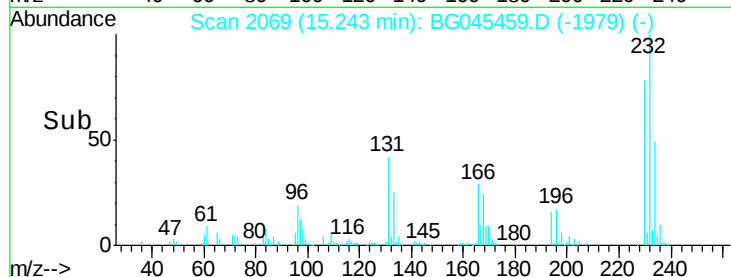
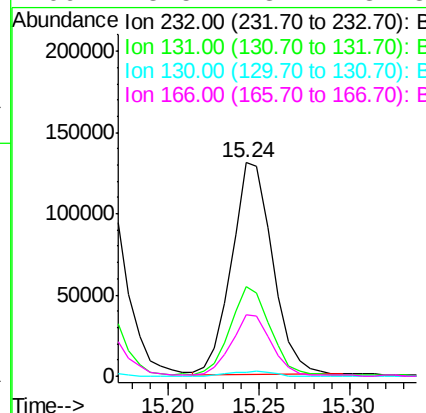
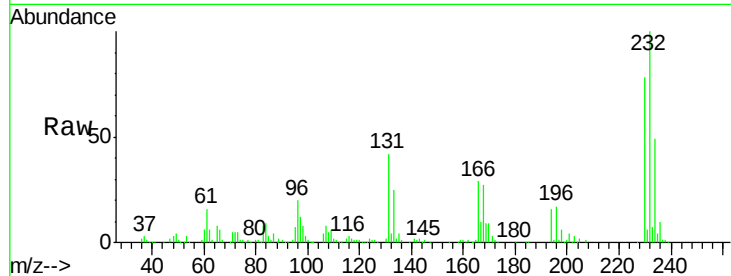
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.46 ng
RT: 15.24 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	205881		
131	40.8	33.7	50.5	
130	2.6	2.1	3.1	
166	28.5	23.2	34.8	

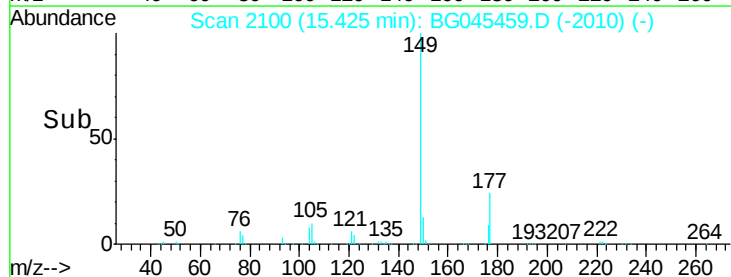
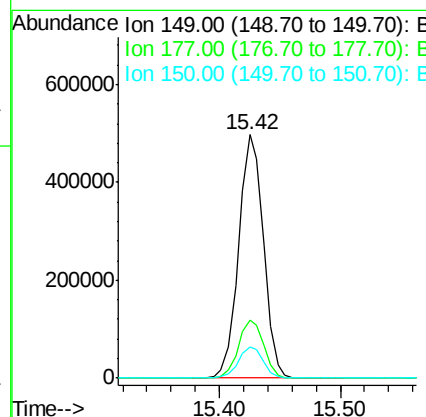
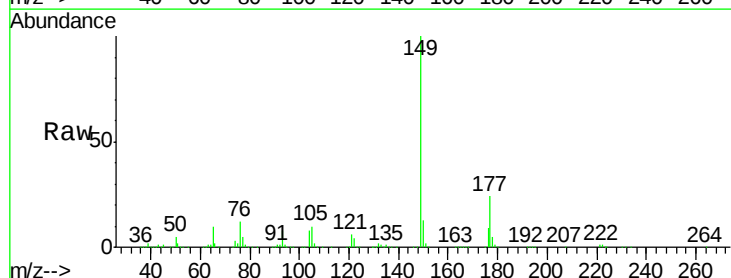
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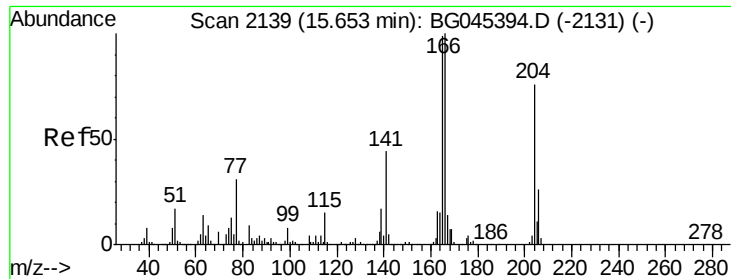
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#60
Diethylphthalate
Concen: 46.49 ng
RT: 15.42 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	708370		
177	23.9	19.0	28.4	
150	12.8	11.4	17.0	





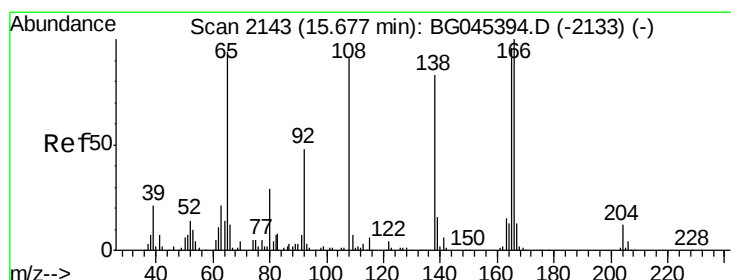
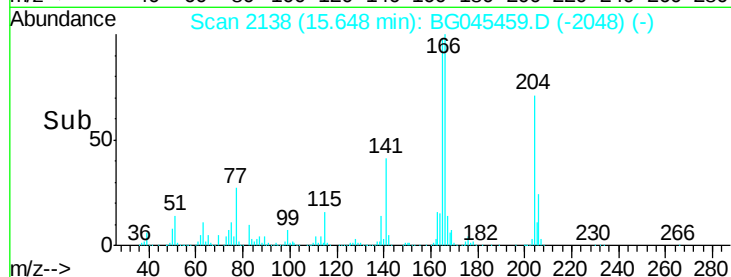
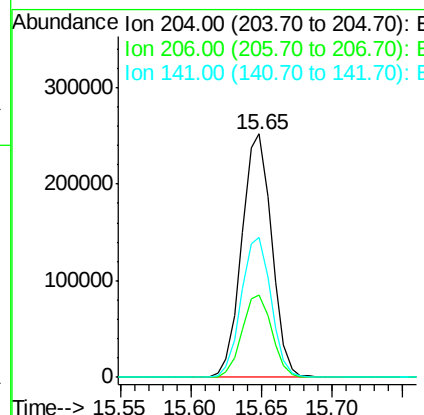
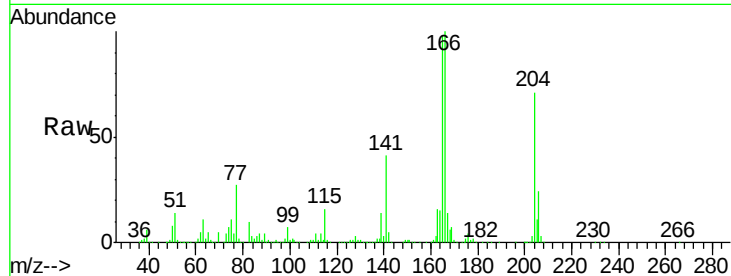
#61
4-Chlorophenyl-phenylether
Concen: 46.74 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	373548		
206	34.1	27.3	40.9	
141	57.5	45.9	68.9	

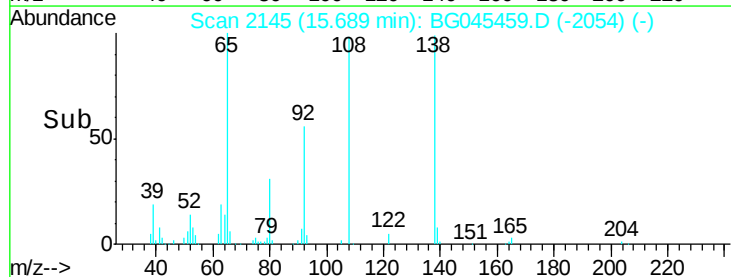
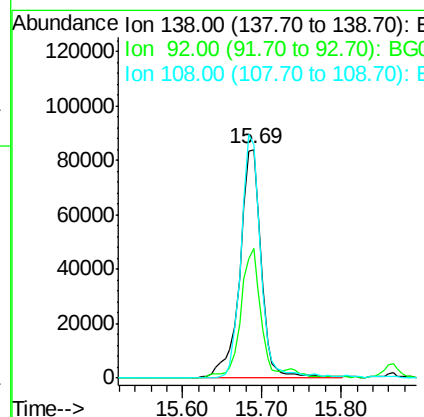
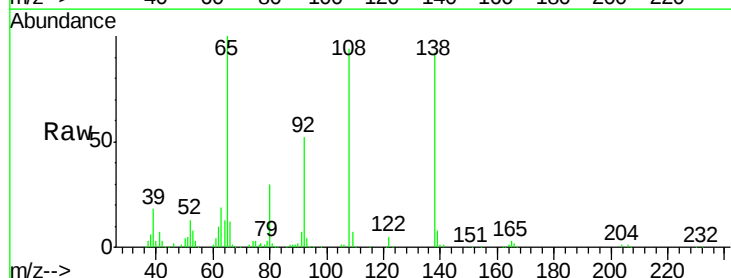
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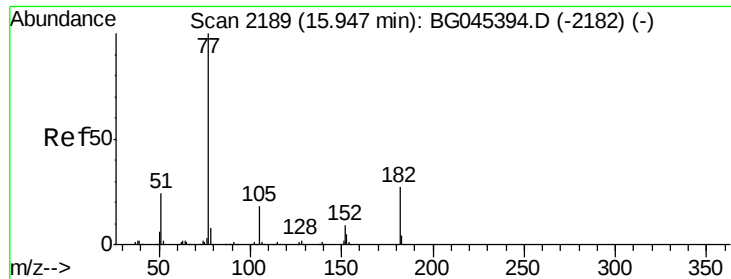
mohammad
5/27/2020 11:48:32 AM



#62
4-Nitroaniline
Concen: 45.26 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	158649		
92	56.8	38.0	78.0	
108	102.5	89.3	129.3	





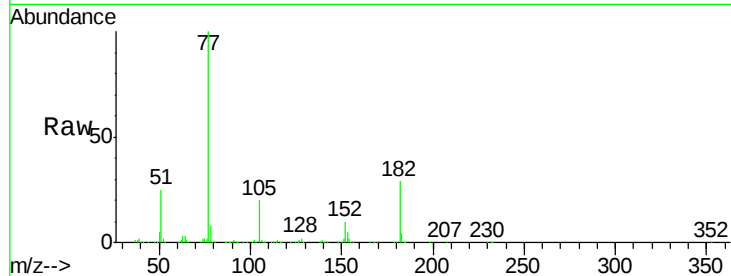
#63
Azobenzene
Concen: 47.07 ng
RT: 15.94 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

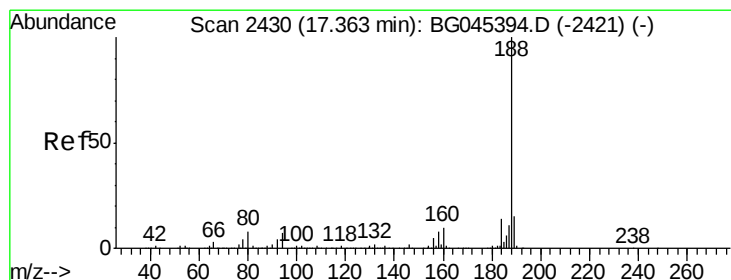
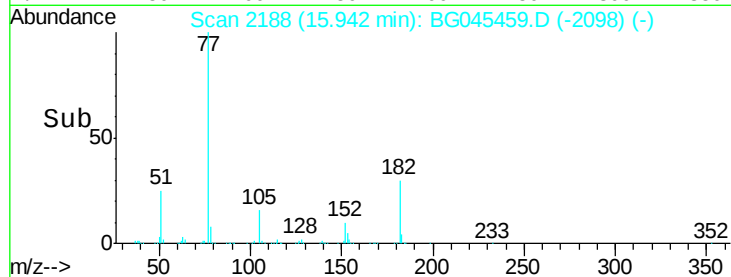
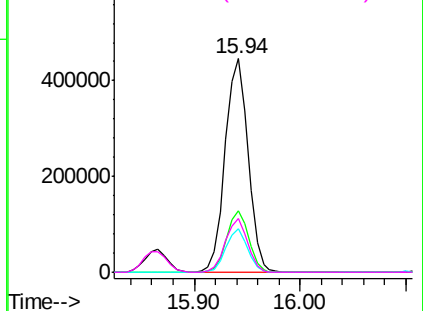
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	6.5	46.5
105	20.1	0.0	37.9
51	25.2	4.1	44.1

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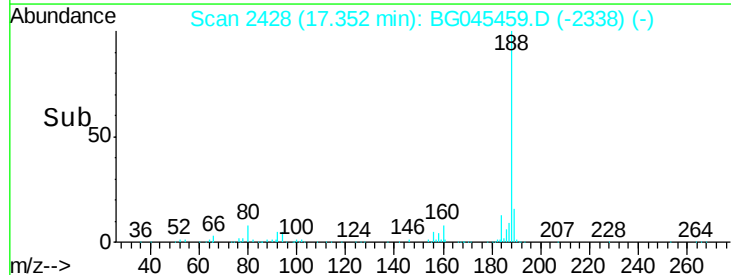
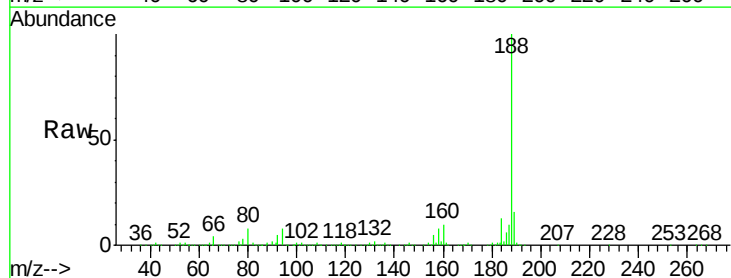
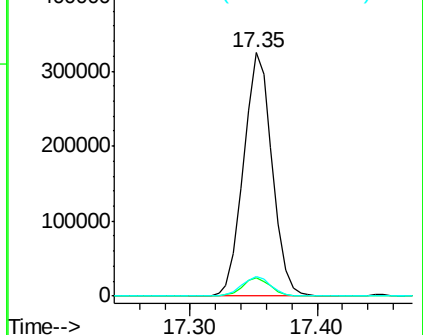
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

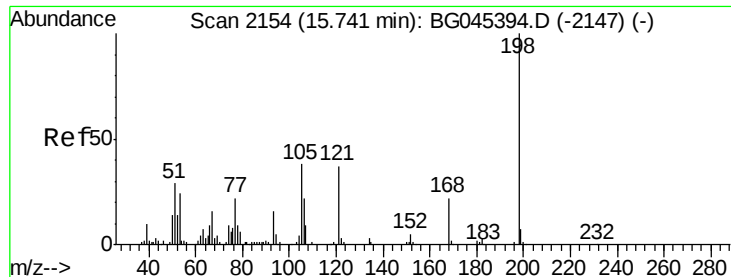


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

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

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





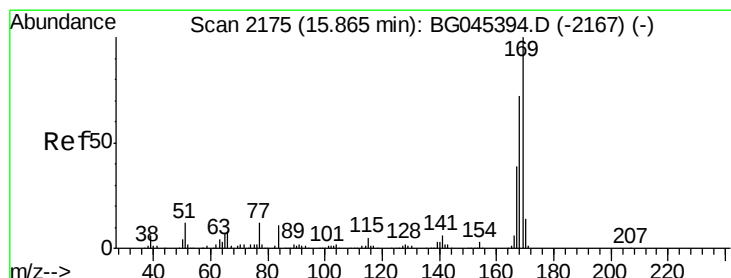
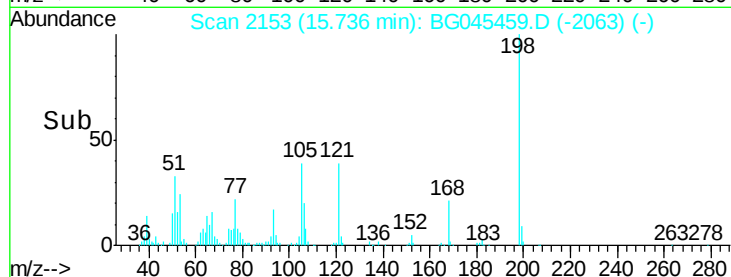
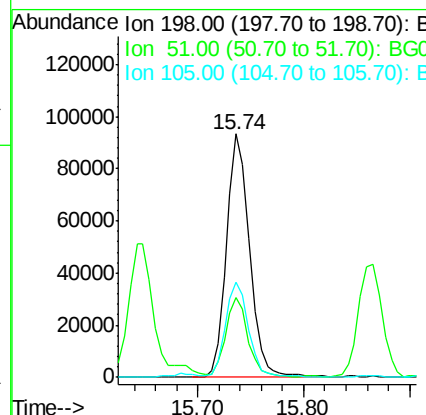
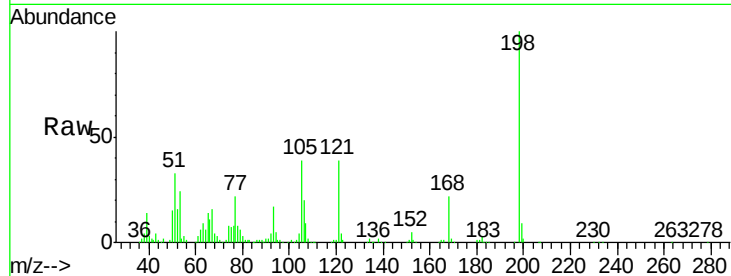
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.23 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	142187		
51	32.8	10.0	50.0	
105	39.0	18.9	58.9	

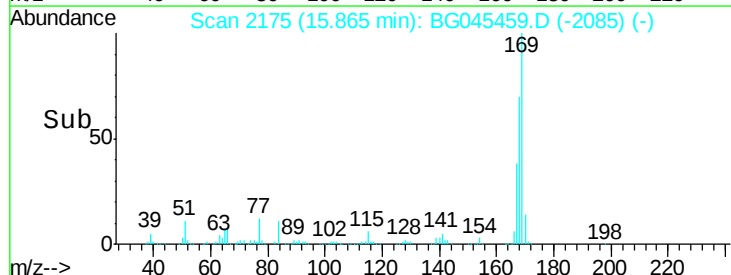
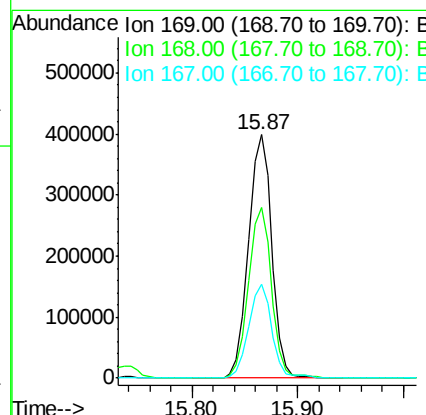
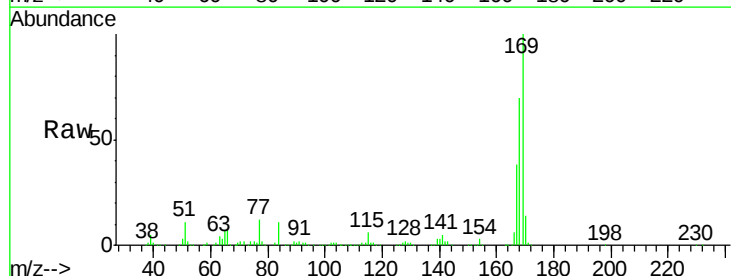
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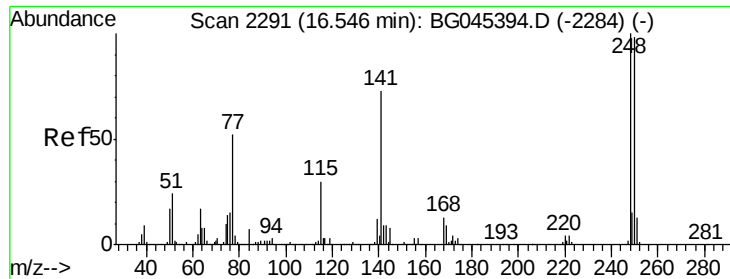
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 50.17 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	609808		
168	69.9	57.8	86.6	
167	38.4	31.5	47.3	





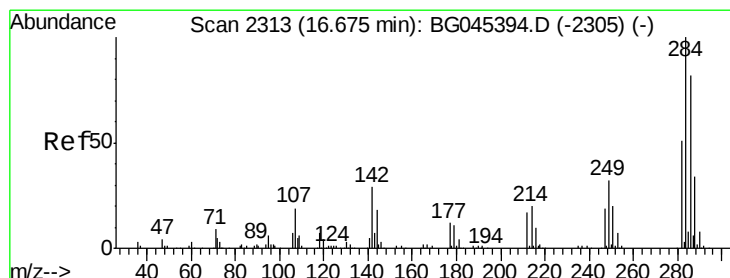
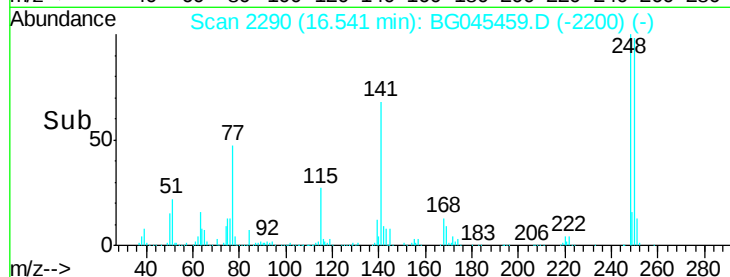
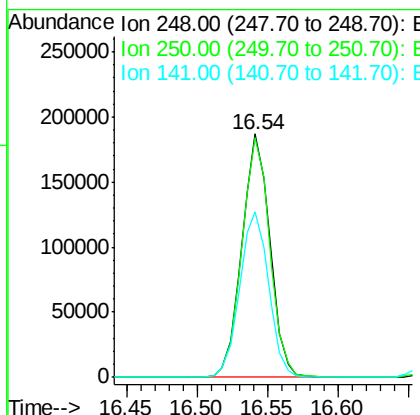
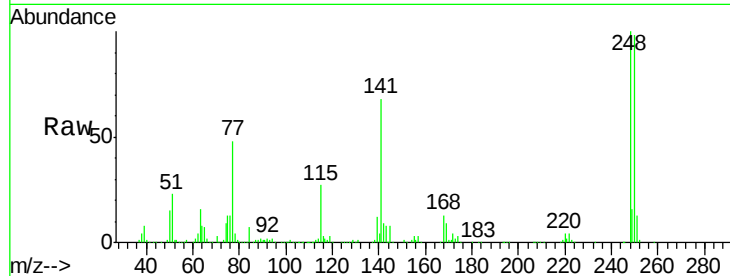
#67
 4-Bromophenyl-phenylether
 Concen: 47.35 ng
 RT: 16.54 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	259538		
250	98.4	78.6	117.8	
141	68.1	58.2	87.2	

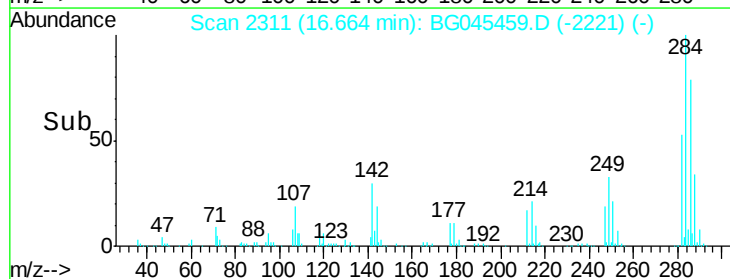
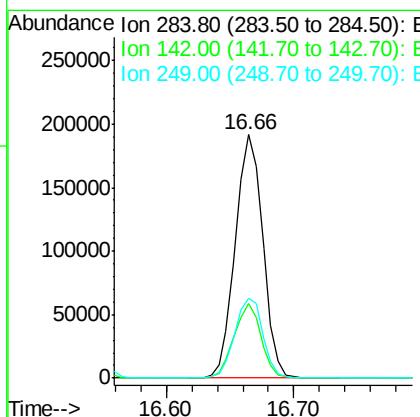
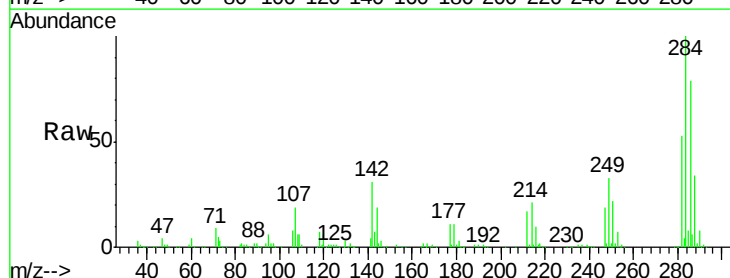
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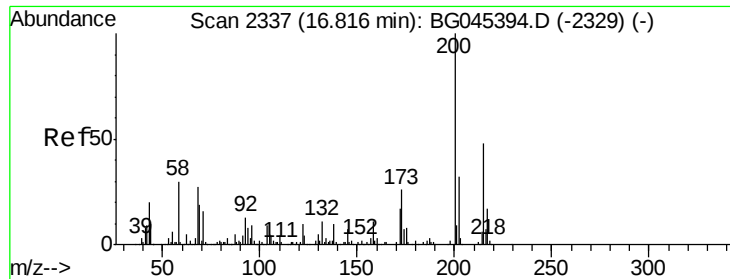
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#68
 Hexachlorobenzene
 Concen: 50.19 ng
 RT: 16.66 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	287778		
142	30.6	23.0	34.6	
249	32.6	25.8	38.6	





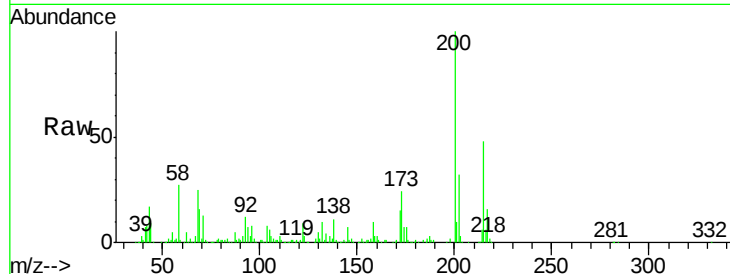
#69
Atrazine
Concen: 47.30 ng
RT: 16.82 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

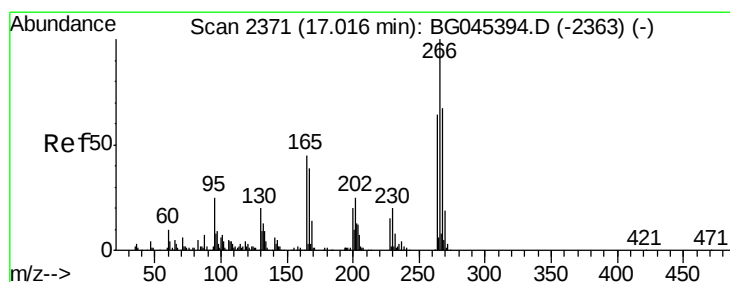
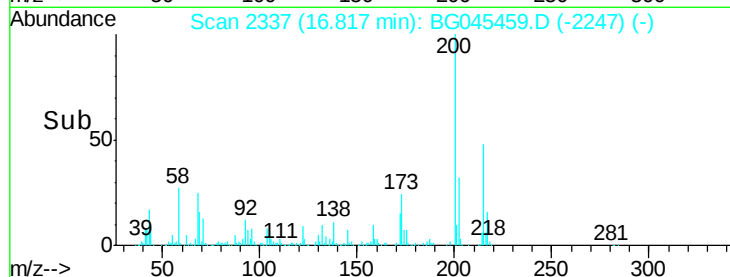
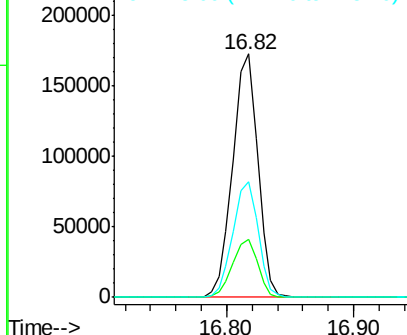
Tgt	Ion	Ratio	Resp	Lower	Upper
200	100		236818		
173	23.8	5.5	45.5		
215	47.6	28.2	68.2		

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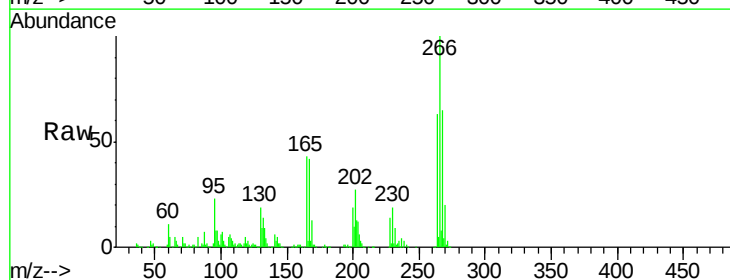


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

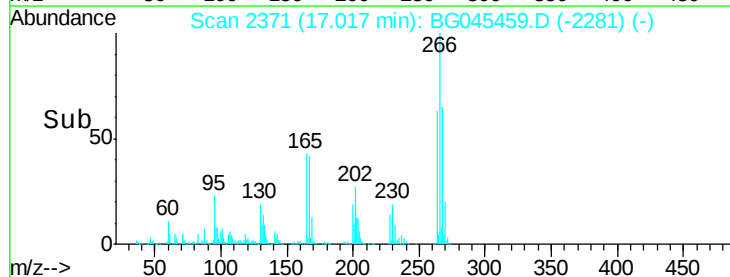
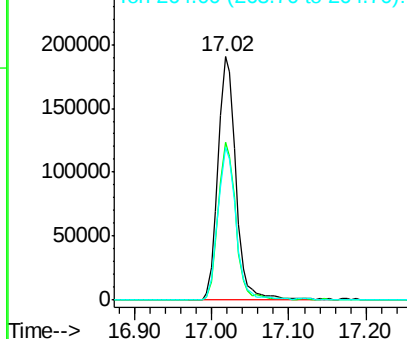


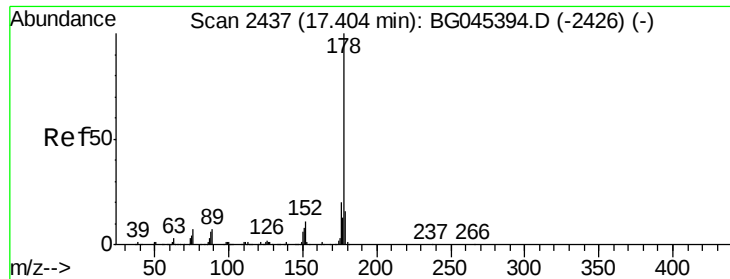
#70
Pentachlorophenol
Concen: 103.22 ng
RT: 17.02 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt	Ion	Ratio	Resp	Lower	Upper
266	100		307296		
268	65.0	53.2	79.8		
264	62.8	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





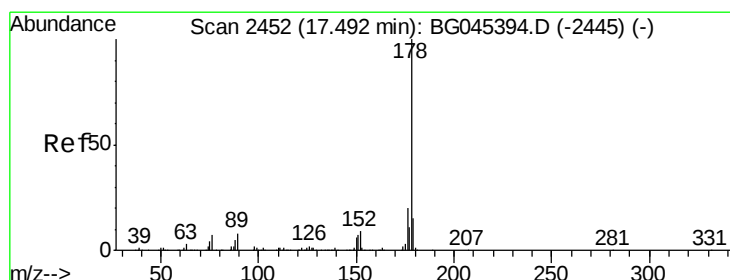
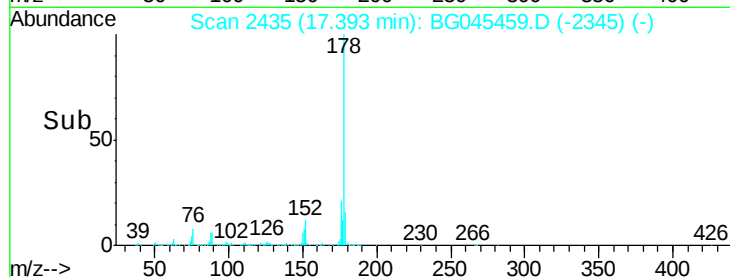
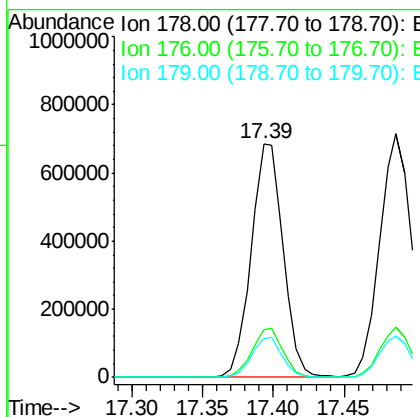
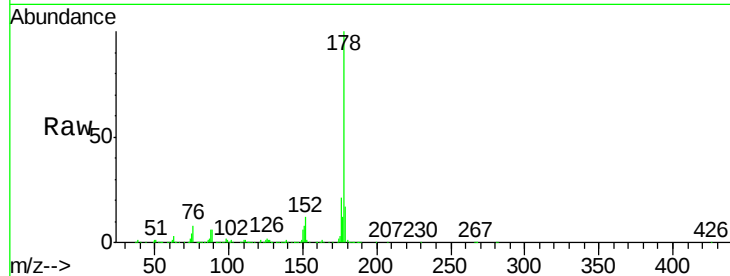
#71
Phenanthrene
Concen: 49.25 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion:178 Resp: 1088364
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.6 13.1 19.7

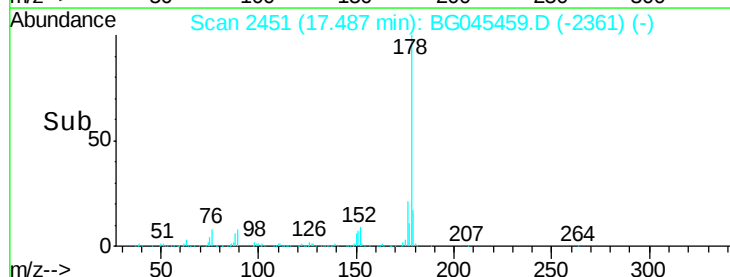
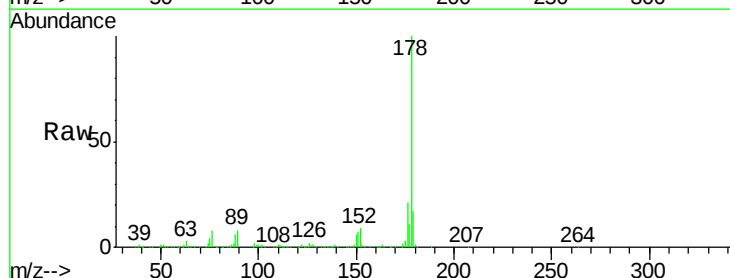
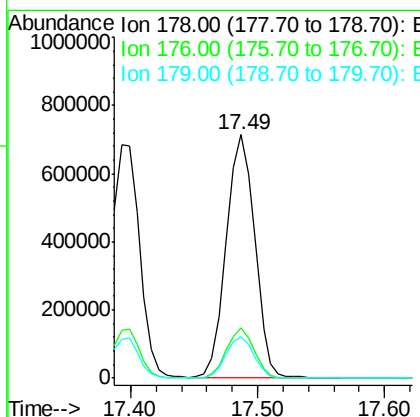
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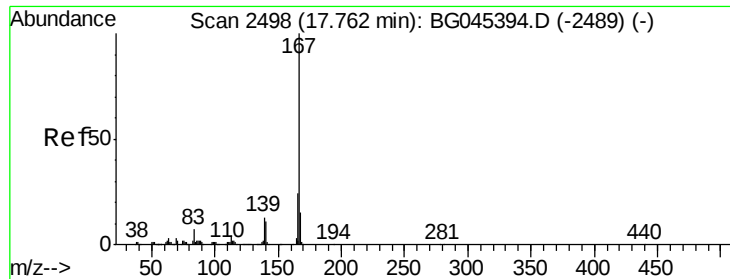
mohammad
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#72
Anthracene
Concen: 50.02 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion:178 Resp: 1110194
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.7 12.2 18.4





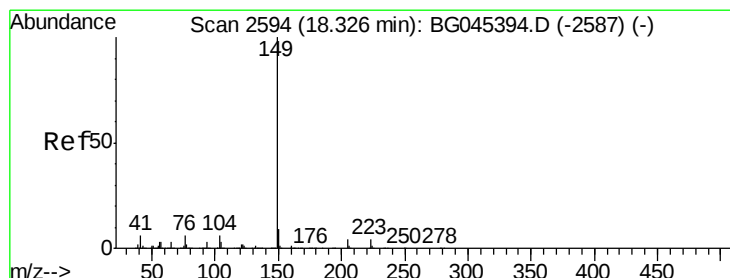
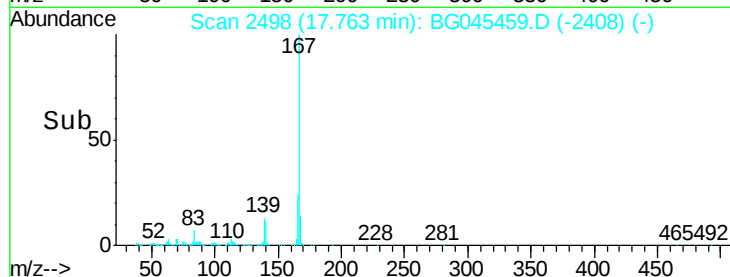
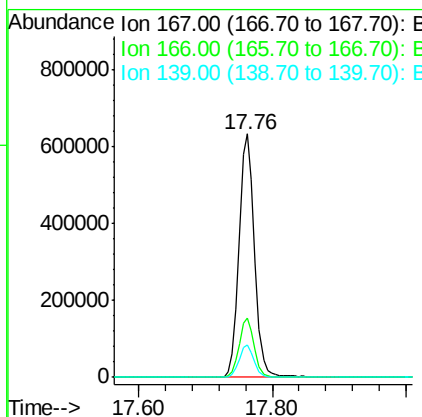
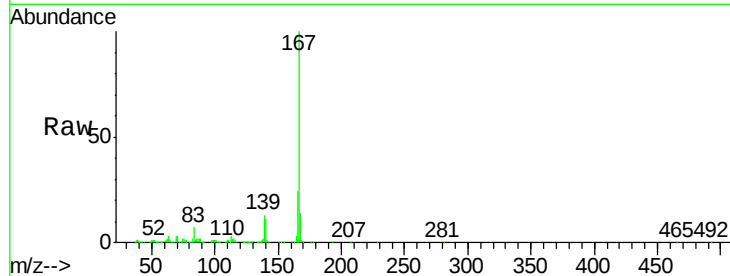
#73
 Carbazole
 Concen: 47.34 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tgt Ion:167 Resp: 1024189
 Ion Ratio Lower Upper
 167 100
 166 24.2 19.2 28.8
 139 13.2 10.6 16.0

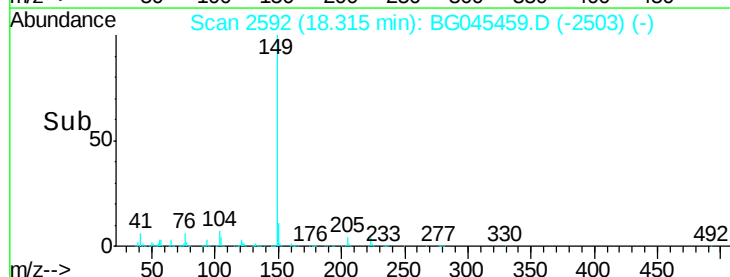
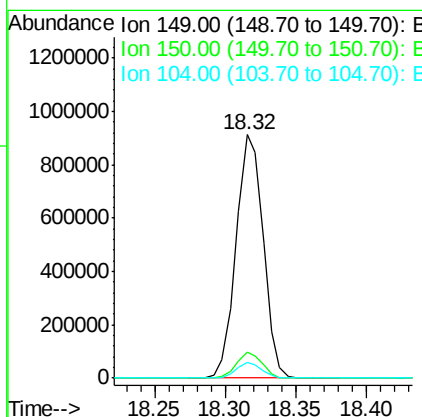
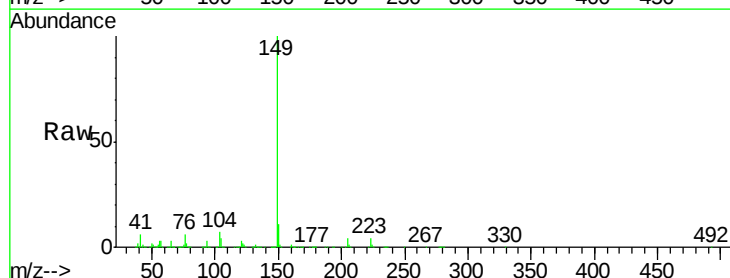
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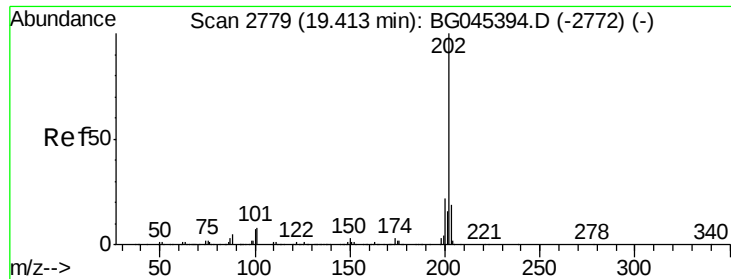
mohammad
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#74
 Di-n-butylphthalate
 Concen: 47.00 ng
 RT: 18.32 min Scan# 2592
 Delta R.T. -0.01 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion:149 Resp: 1220384
 Ion Ratio Lower Upper
 149 100
 150 10.6 7.6 11.4
 104 6.7 5.0 7.4





#75

Fluoranthene

Concen: 48.13 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

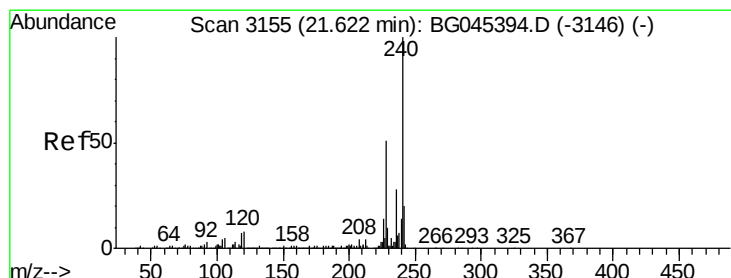
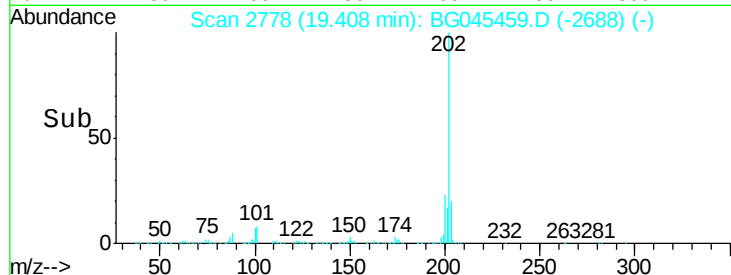
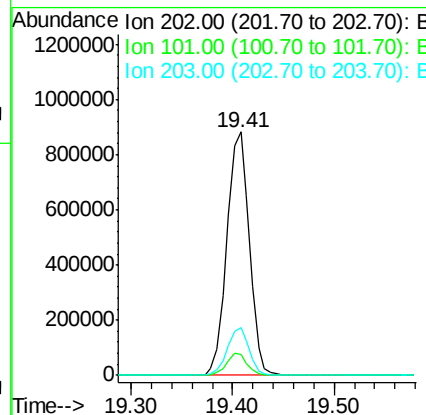
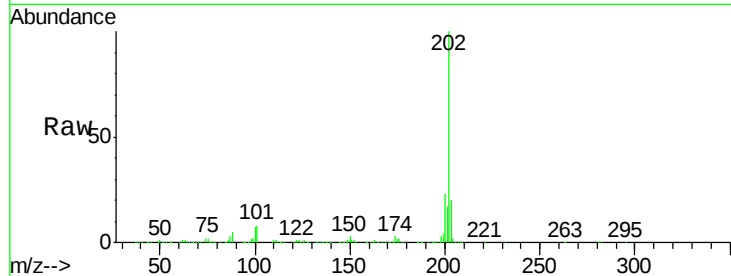
ClientSampleId :

PB129080BS

Tgt	Ion	202	Resp:	1352847
Ion	Ratio	Lower	Upper	
202	100			
101	8.4	0.0	28.3	
203	19.8	0.0	39.0	

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#76

Chrysene-d12

Concen: 20.00 ng

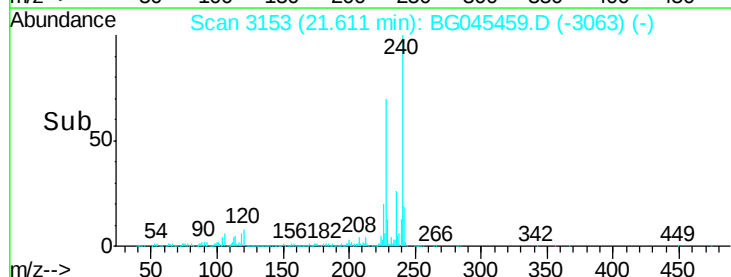
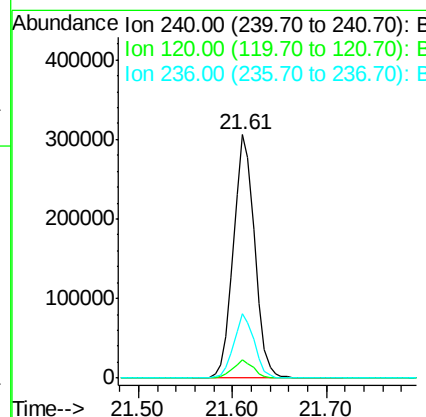
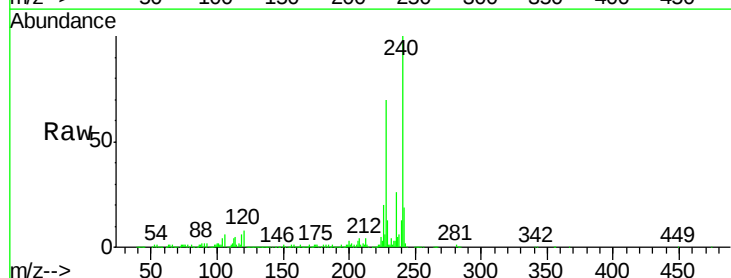
RT: 21.61 min Scan# 3153

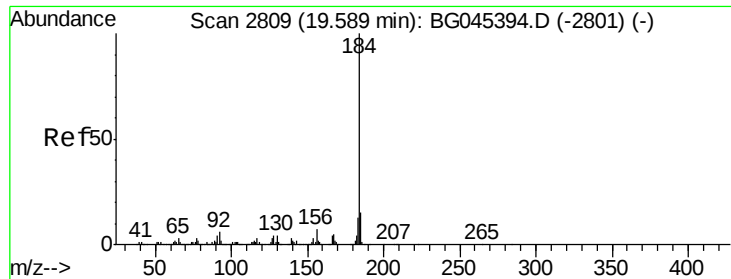
Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt	Ion	240	Resp:	480286
Ion	Ratio	Lower	Upper	
240	100			
120	7.7	6.1	9.1	
236	26.4	22.3	33.5	





#77

Benzidine

Concen: 45.48 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

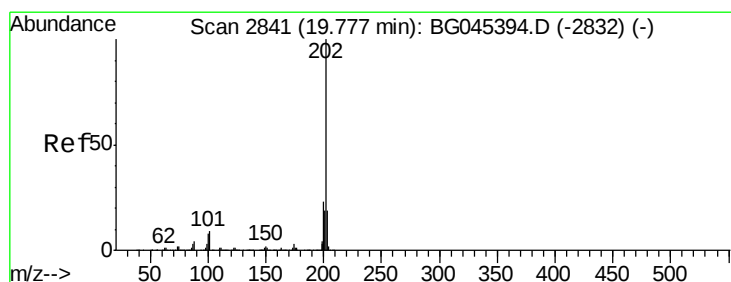
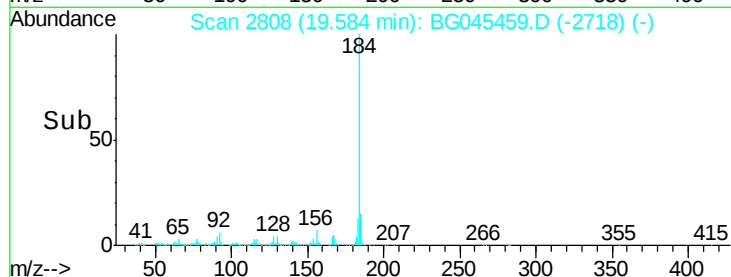
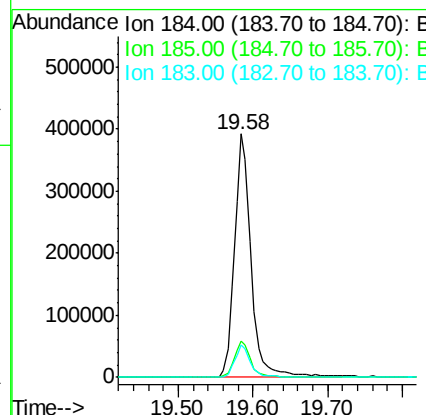
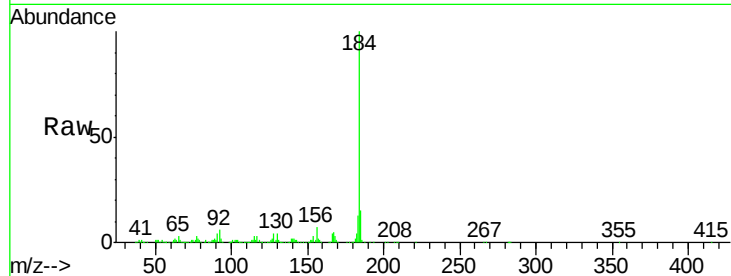
ClientSampleId :

PB129080BS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	13.3	10.2	15.4

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#78

Pyrene

Concen: 49.29 ng

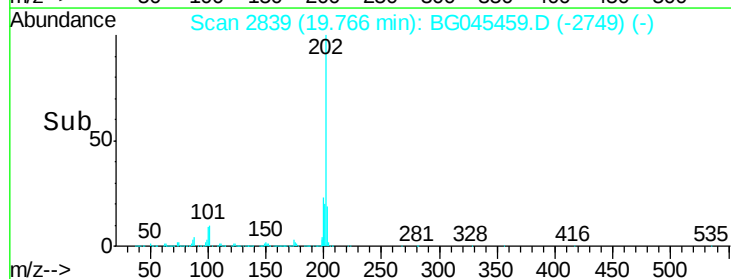
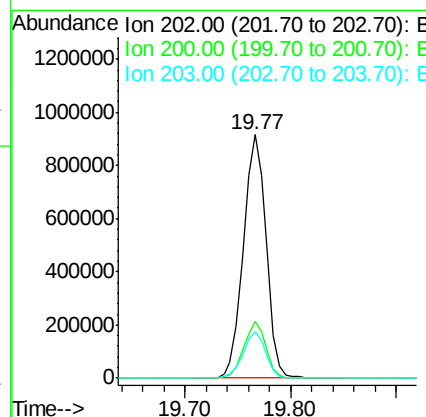
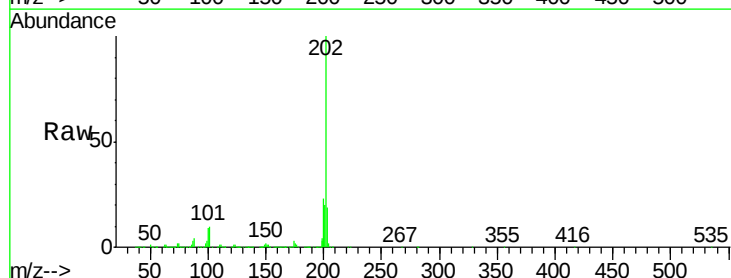
RT: 19.77 min Scan# 2839

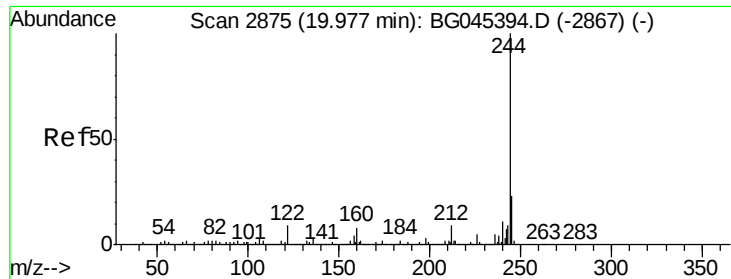
Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.2	27.2
203	19.3	15.1	22.7





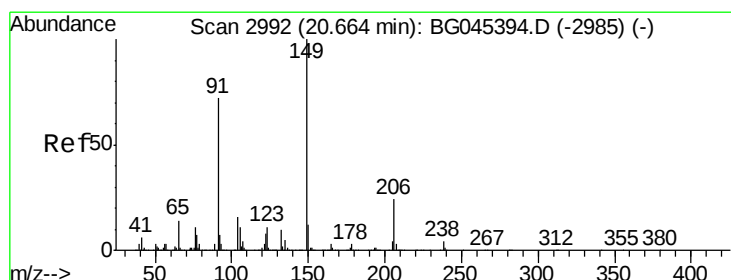
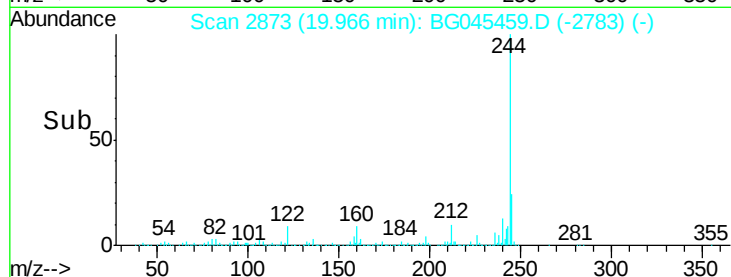
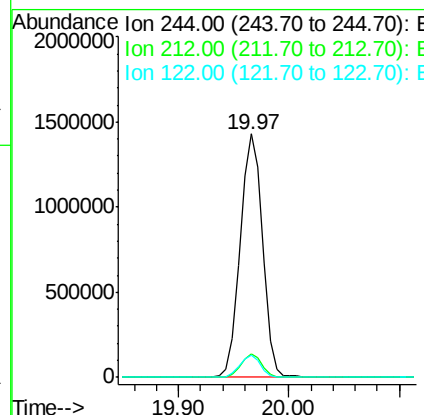
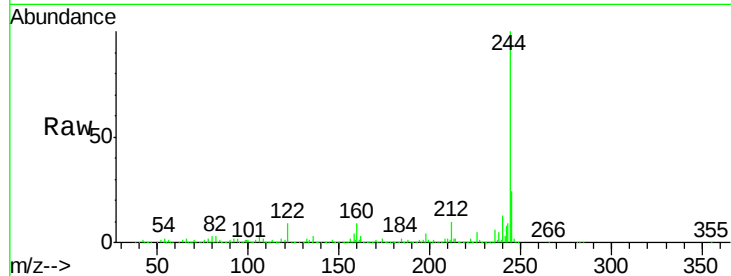
#79
 Terphenyl-d14
 Concen: 98.78 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB129080BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.4	11.0
122	9.2	6.8	10.2

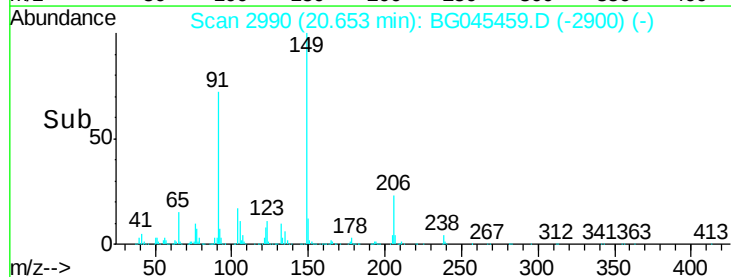
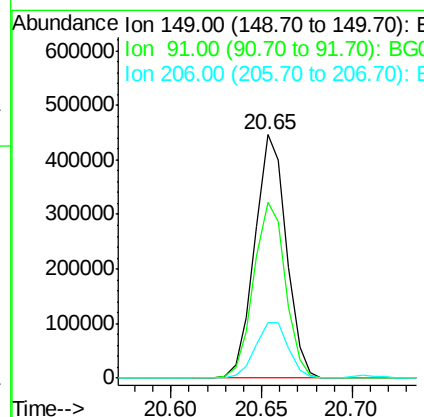
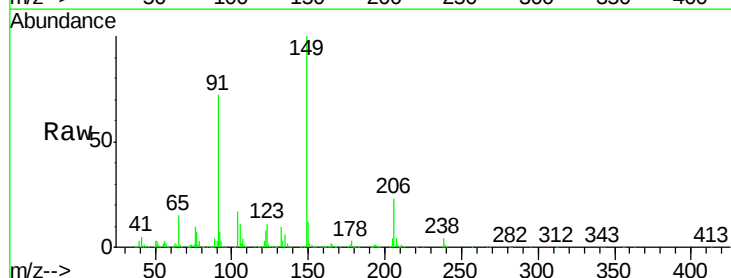
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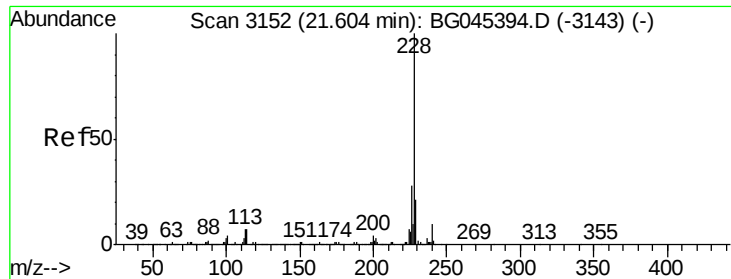
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.77 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. 0.00 min
 Lab File: BG045459.D
 Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	57.8	86.6
206	23.0	19.1	28.7





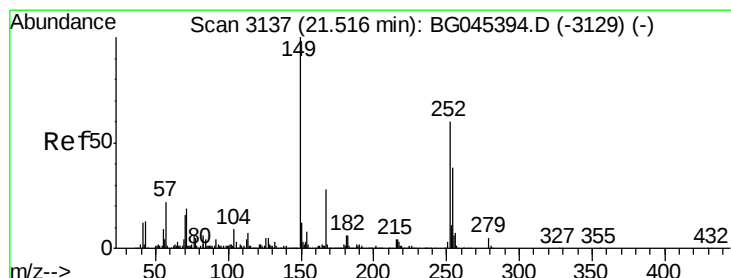
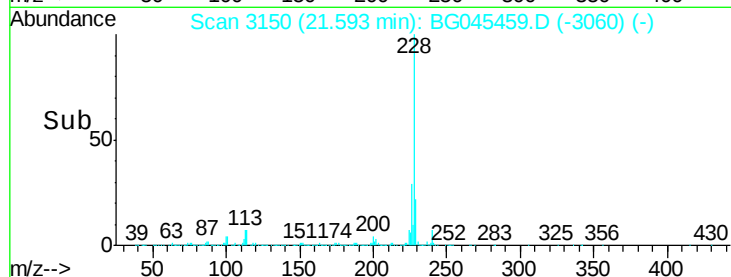
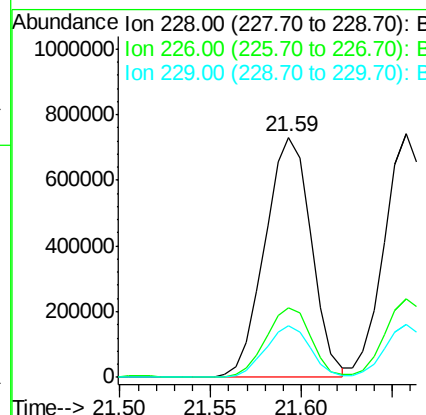
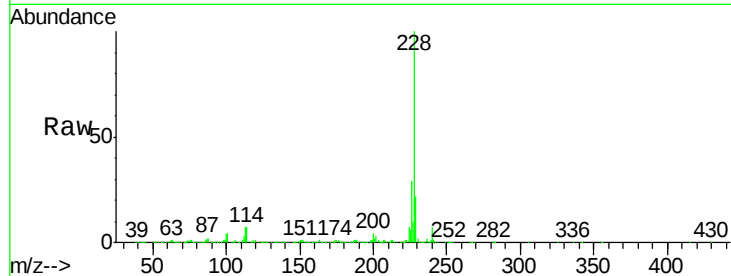
#81
Benzo(a)anthracene
Concen: 48.47 ng
RT: 21.59 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

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

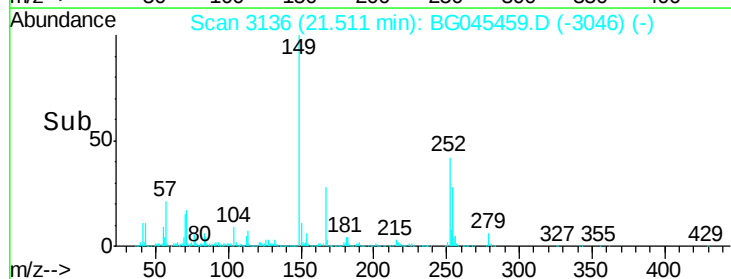
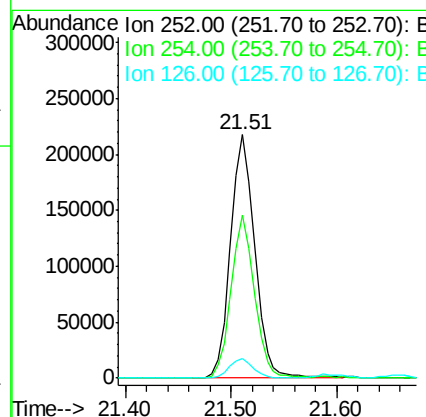
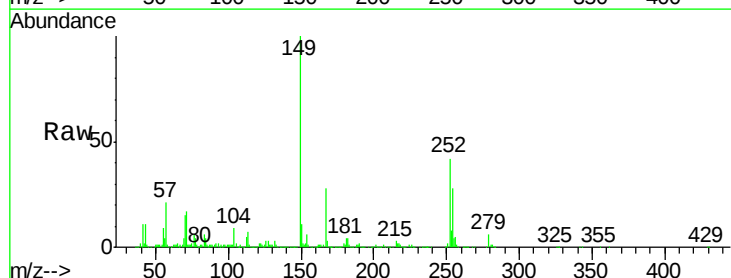
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#82
3,3'-Dichlorobenzidine
Concen: 33.00 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.9	51.3	76.9
126	8.1	6.6	10.0





#83

Chrysene

Concen: 47.93 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

ClientSampleId :

PB129080BS

Tgt Ion: 228 Resp: 1233057

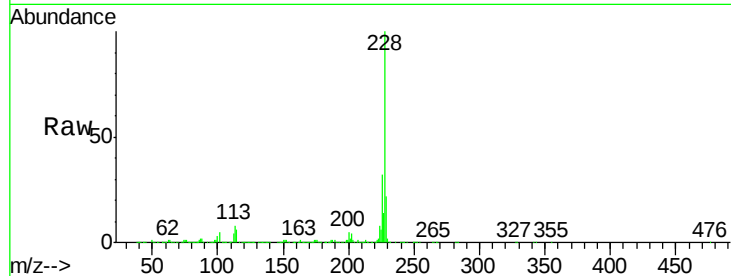
Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.2	37.8
229	21.9	16.7	25.1

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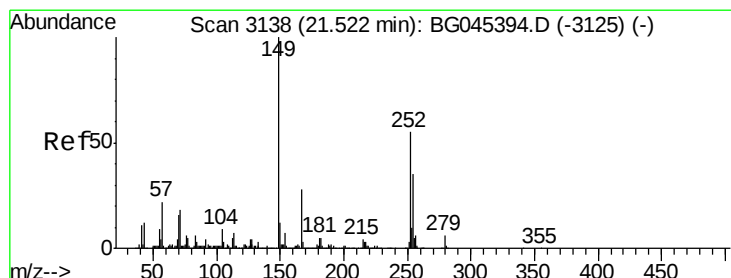
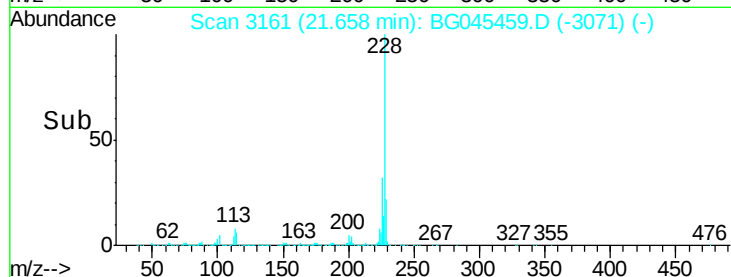
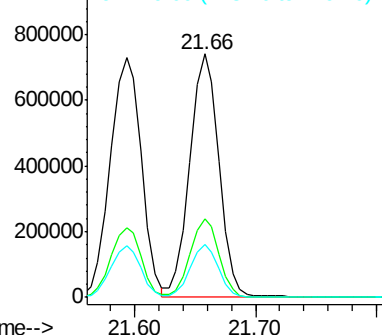


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.82 ng

RT: 21.50 min Scan# 3135

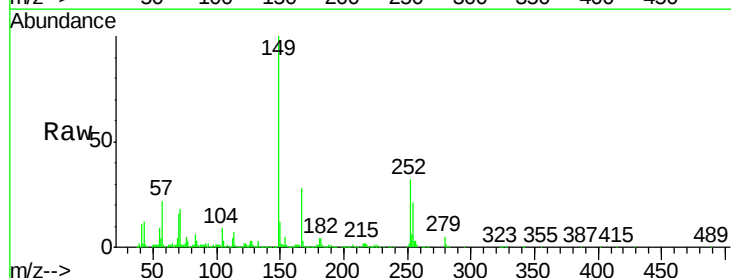
Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion: 149 Resp: 760510

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.2
279	5.0	4.7	7.1

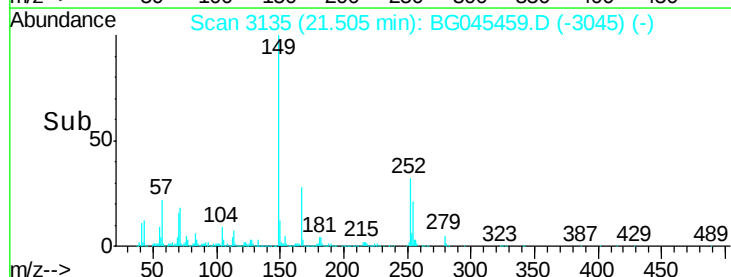
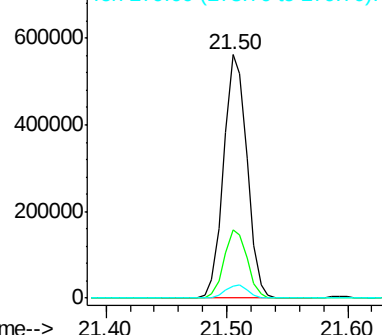


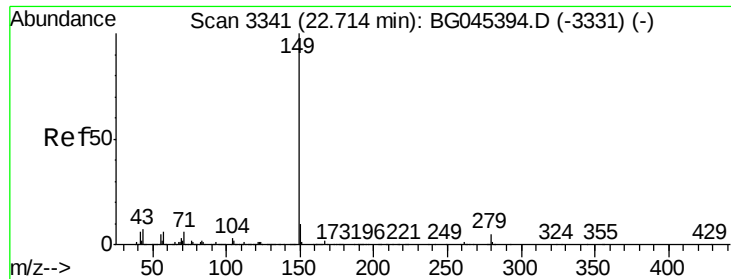
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





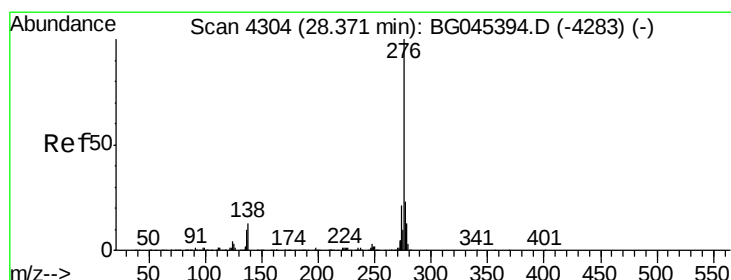
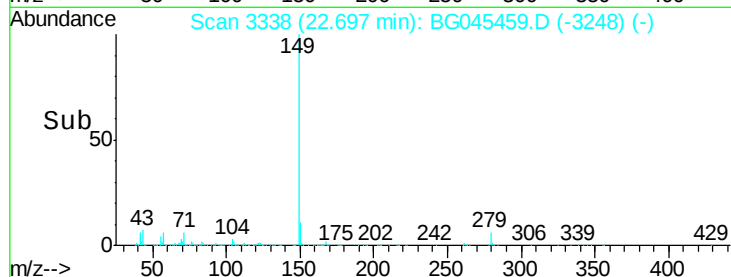
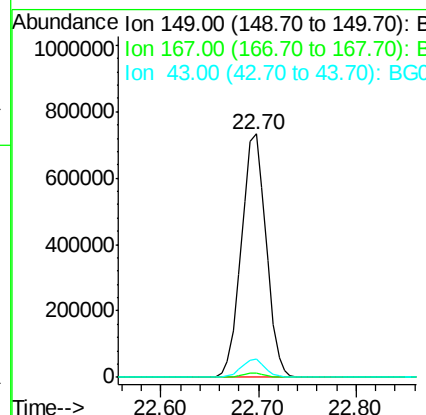
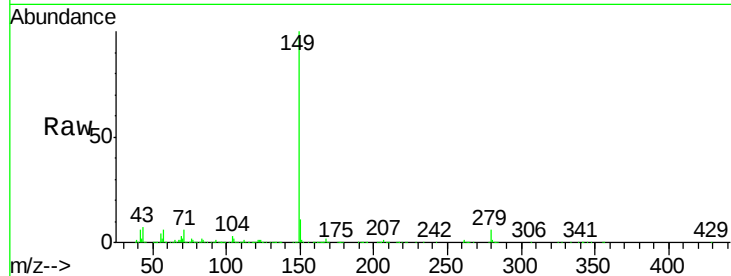
#85
Di-n-octyl phthalate
Concen: 46.29 ng
RT: 22.70 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.9	5.8	8.8

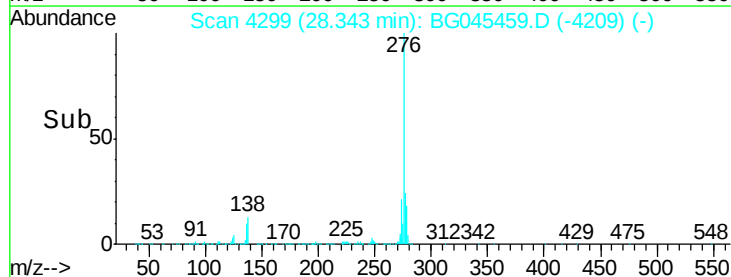
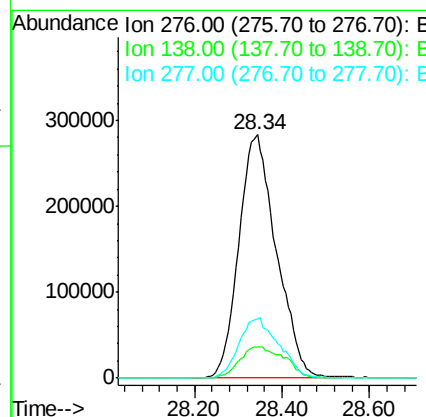
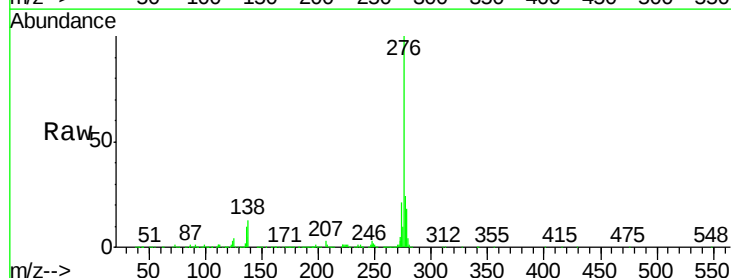
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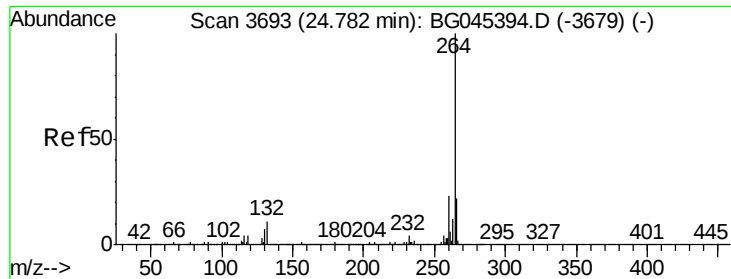
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.01 ng
RT: 28.34 min Scan# 4299
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	8.6	12.8#
277	26.0	20.2	30.4





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.76 min Scan# 3689

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Instrument :

BNA_G

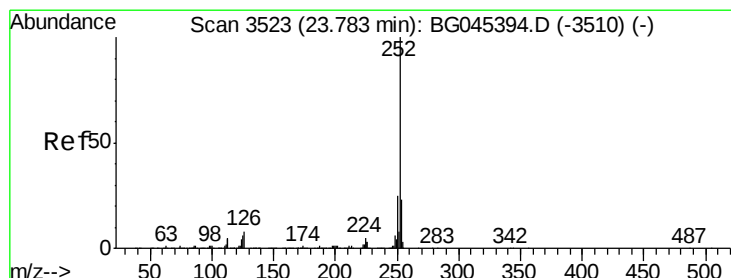
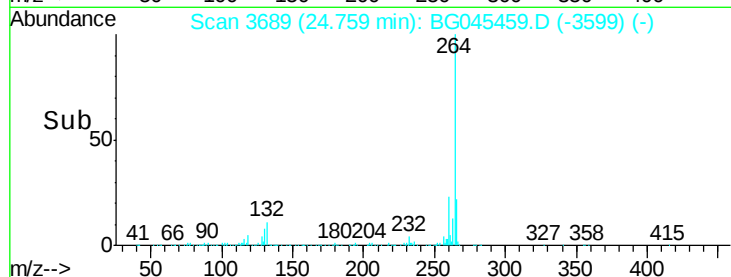
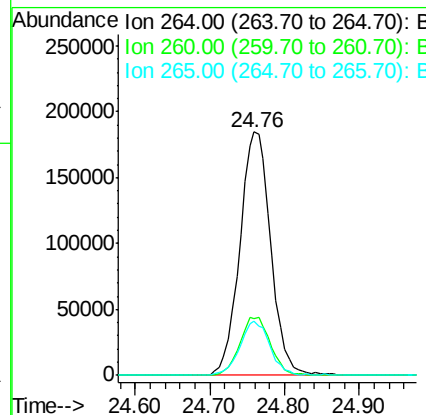
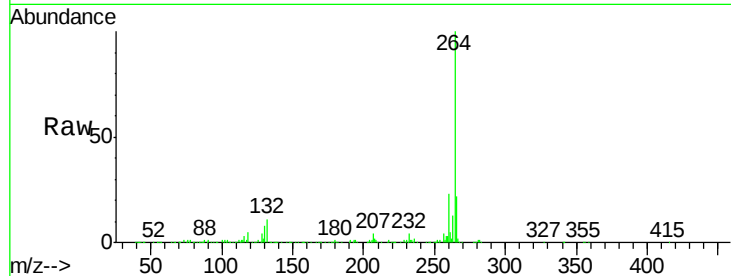
ClientSampleId :

PB129080BS

Tgt Ion:	264	Resp:	528659
Ion Ratio		Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.3	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 48.31 ng

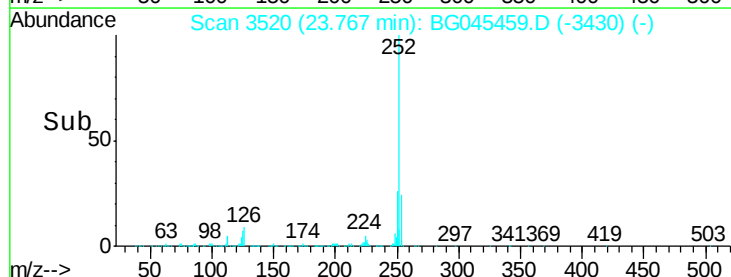
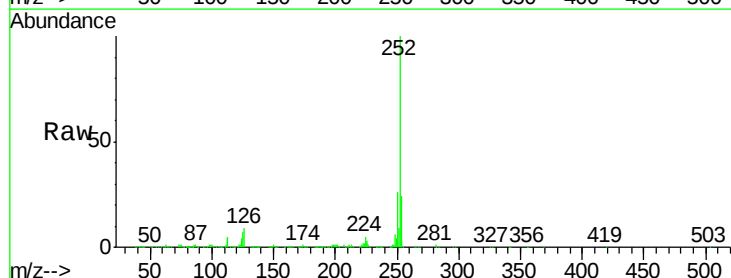
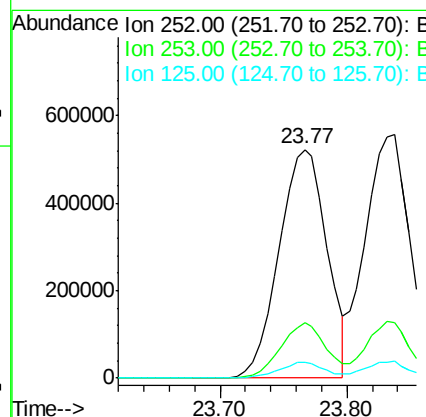
RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG045459.D

Acq: 26 May 2020 16:13

Tgt Ion:	252	Resp:	1369737
Ion Ratio		Lower	Upper
252	100		
253	24.0	18.1	27.1
125	7.0	5.0	7.6





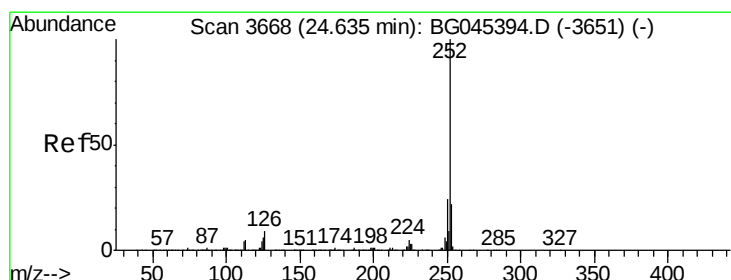
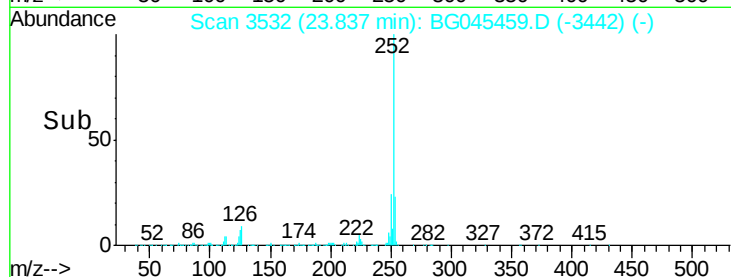
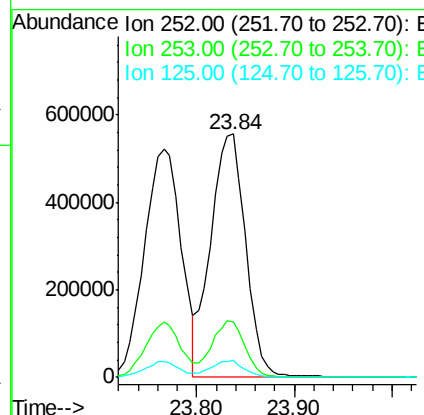
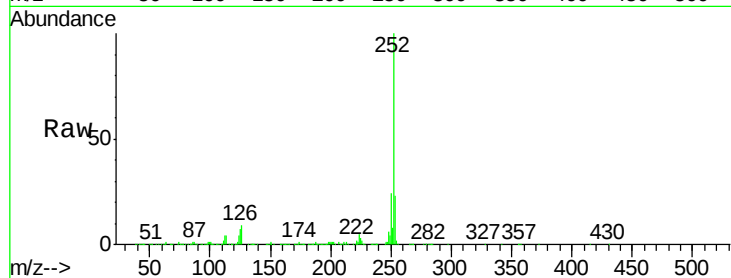
#89
Benzo(k)fluoranthene
Concen: 51.55 ng
RT: 23.84 min Scan# 3532
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	7.0	5.7	8.5

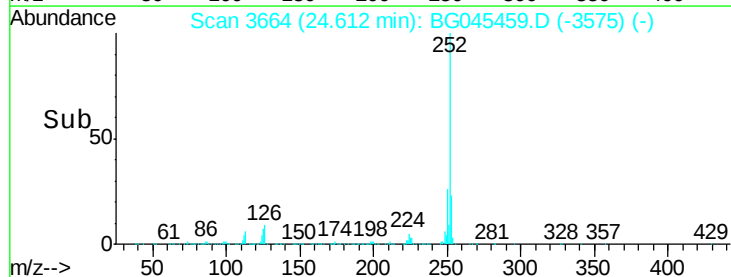
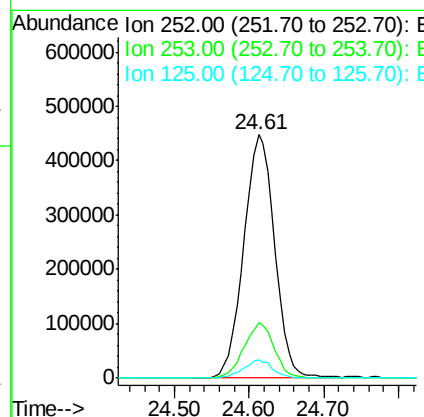
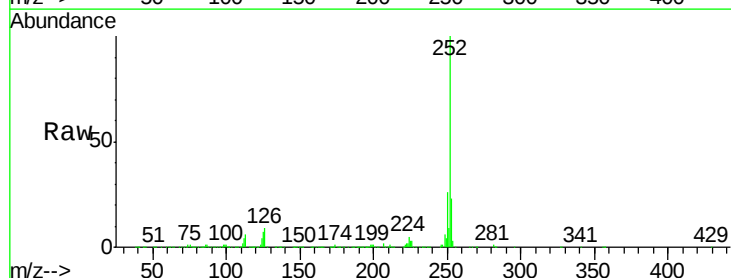
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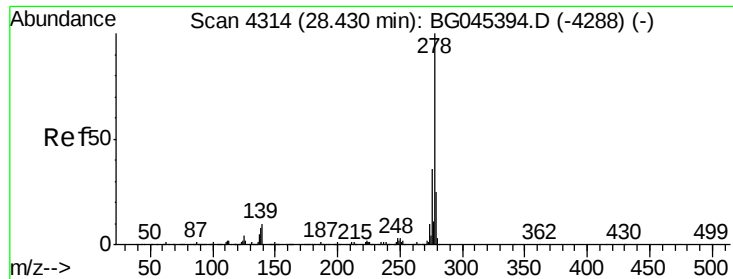
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#90
Benzo(a)pyrene
Concen: 48.63 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	7.5	5.0	7.6





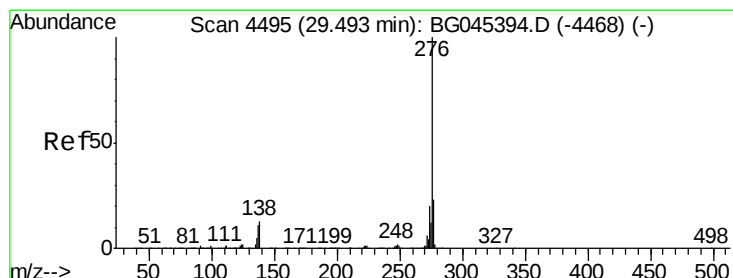
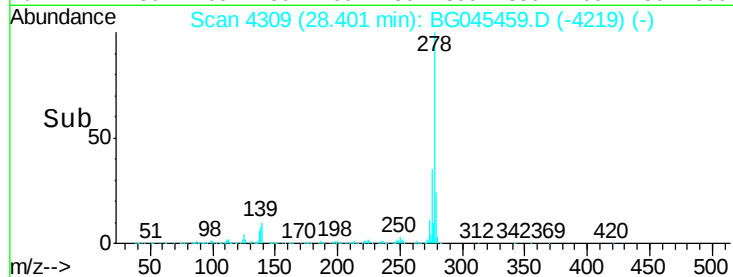
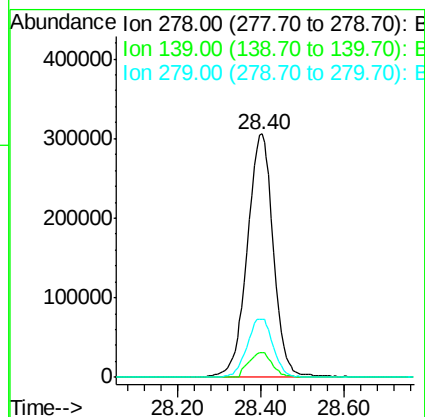
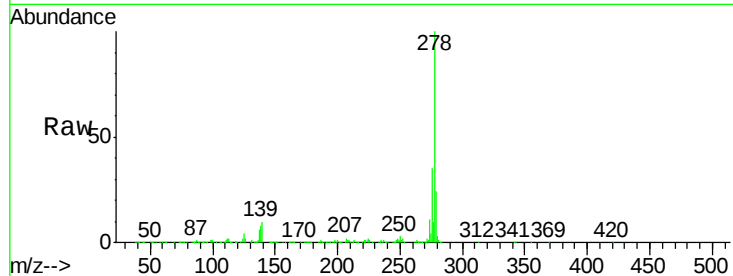
#91
Dibenzo(a,h)anthracene
Concen: 50.39 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.4	7.8	11.8
279	24.0	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 51.68 ng
RT: 29.46 min Scan# 4489
Delta R.T. 0.00 min
Lab File: BG045459.D
Acq: 26 May 2020 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.1	27.1
138	13.1	10.2	15.4

